Special Publication SJ98-SP12

LAKES McCOY, CORONI AND PREVATT DRAINAGE BASIN STUDY

Orange County, Florida

Volume 2

MARCH 1997

This report was jointly funded by Orange County, the St. Johns River Water Management District (SJRWMD) and the City of Apopka. County, District and City staff provided both information and assistance in a number of areas, including both data collection and technical review. Without their assistance, the Report preparation would have been much more difficult.

Prepared By:

PEC/Professional Engineering Consultants, Inc.
200 East Robinson Street, Suite 1560
Orlando, Florida 32801
(407) 422-8062

David W. Hamstra, P.E. - Project Manager
Walt Phillips, P.E. - Project Engineer

Prepared For:

Orange County *4200 South John Young Parkway* *Orlando, Florida 32839* *(407) 836-7990* *Contact: Dr. M. Krishnamurthy, P.E.*	*SJRWMD* *P.O. Box 1429* *Palatka, Florida 32178* *(904) 329-4359* *Contact: Thomas K. Ziegler, P.E.*	*City of Apopka* *120 East Main Street (City Hall)* *Apopka, Florida 32704* *(407) 889-1718* *Contact: R. Jay Davoll, P.E.*

VOLUME I
(ENGINEERING REPORT)

SECTION	DESCRIPTION	PAGE
	EXECUTIVE SUMMARY	
1.0	**INTRODUCTION**	
1.1	General	1-1
1.2	Purpose and Scope	1-3
1.3	Data Collection	1-3
1.4	Study and Design Criteria	1-5
1.5	Mapping Effort	1-6
1.6	Engineering Analysis	1-8
1.7	Criteria for Prioritization of Problem Areas	1-34
1.8	Preliminary Construction Cost Estimates	1-35
1.9	Listing of Data Sources	1-36
2.0	**EXISTING CONDITIONS**	
2.1	Description of the Drainage Basin	2-1
2.2	Existing Drainage Facilities	2-1
2.3	Existing Land Use	2-2
2.4	Flood Plains	2-3
2.5	Sub-Basin Hydrology	2-5
2.6	ADICPR Flood Routing Results and Summary of Existing Drainage Structure Information	2-57
2.7	Identification of Problem Areas	2-70
2.8	Public Involvement Meeting	2-88
2.9	Environmental Considerations	2-94
3.0	**RECOMMENDED IMPROVEMENTS**	
3.1	General	3-1
3.2	Description of Recommended Sub-Basin Improvements	3-2
4.0	**SUPPORTING DOCUMENTATION**	

- Water Quality Data Analysis
- Wetland Evaluation Report
- Geotechnical Report
- Votaw Road Stormwater Pond Retrofit Calculations

5.0	**PROJECT CORRESPONDENCE**	

VOLUME I

LIST OF TABLES

SECTION - NUMBER	DESCRIPTION
1-1	Tabulation of On-Site Soils
1-2	Tabulation of FDOT Land Use Classifications
1-3	Tabulation of Runoff Curve Numbers based on Existing Land Use
1-4	Design Storm Event Rainfall Depths
1-5	SCS Peak Rate Factors
2-1	Comparison of Published versus Calculated Flood Elevations
2-2	Tabulation of Hydrologic Basin Parameters - Existing Conditions
2-3	Calculations of Existing Conditions Times of Concentration
2-4	Summary of adICPR Routing Results
2-5, 2-6 2-7, & 2-8	Tabulation of Existing Conditions Drainage Structure Information and adICPR Flood Routing Results
3-1	Engineer's Preliminary Probable Cost of Construction - Dream Lake Outfall
3-2	Engineer's Preliminary Probable Cost of Construction - Park Avenue Pond
3-3	Engineer's Preliminary Probable Cost of Construction - Lake McCoy Outfall
3-4	Engineer's Preliminary Probable Cost of Construction - Ustler Road - Sub-Basin LC-01 Outfall
3-5	Engineer's Preliminary Probable Cost of Construction - Double 7' x 3' RCB under Brook Forest Court (Wekiva Glen Subdivision)

VOLUME I

LIST OF FIGURES

SECTION - NUMBER	DESCRIPTION
1-1	Location Map
1-2	Soil Conservation Service Soil Survey
1-3	Runoff Curve Numbers and Areas with VALENCE
1-4	Orange County Rainfall Distribution
1-5	Orange County 25-Year, 24-Hour Hyetograph
1-6	SCS Unit Hydrograph - 256 Peaking Factor
1-7	SCS Unit Hydrograph - 323 Peaking Factor
1-8	SCS Unit Hydrograph - 484 Peaking Factor
3-1	Recommended Drainage Improvements (Dream Lake Outfall)
3-2A	Recommended Drainage Improvements (Park Avenue Pond)
3-2B	Recommended Drainage Improvements (Park Avenue Pond Details)
3-3	Recommended Drainage Improvements (Lake McCoy Outfall)
3-4	Recommended Drainage Improvements (Ustler Road - Sub-Basin LC01 Outfall)
3-5	Recommended Drainage Improvements (Recovery Structure - VVRS)

LIST OF EXHIBITS (APPENDIX)

NUMBER	DESCRIPTION
1	Drainage Basin/Flood Plain Map
2	Existing Land Use Map
3	Soils Map
4	Existing Node-Reach Diagram

VOLUME II
(CALCULATIONS)

SECTION	DESCRIPTION	
1.0	**VALENCE**	
	➔ VALENCE Curve Number Calculations	1-1
2.0	**HEC-RAS ANALYSIS**	
	➔ Parkview and Wekiva Glen Subdivision Outfall	2-1
	➔ Wetland MN13 Outfall	2-40
	➔ Carpenter Branch	2-67
3.0	**adICPR ANALYSIS - EXISTING CONDITIONS**	
	➔ Hydrographs	3-1
	➔ Node Data	3-33
	➔ Reach Data	3-44
	➔ Flood Routing Results	3-95
4.0	**adICPR ANALYSIS - RECOMMENDED IMPROVEMENTS**	
	➔ Hydrographs	4-1
	➔ Node Data	4-33
	➔ Reach Data	4-44
	➔ Flood Routing Results	4-90
5.0	**SURVEY NOTES**	
	➔ Jones, Hoechst & Associates	5-1
	➔ Orange County Survey Department	5-47
	➔ Miscellaneous Survey Information	5-78
	➔ Historical Lake Levels	5-113

Lake McCoy, Lake Coroni, Lake Prevatt
Drainage Basin Study
Orange County, Florida

EXISTING CONDITIONS

VALENCE CN CALCULATIONS

Prepared By:
PEC/Professional Engineering Consultants, Inc.
200 East Robinson Street, Suite 1560
Orlando, Florida 32801

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
BP01	814B	C	87.000	.001	.050	.050
BP01	240	C	86.000	.007	.642	.692
BP01	320	A	30.000	.003	.103	.795
BP01	400	A	30.000	.001	.017	.812
BP01	400	D	77.000	.001	.088	.900
BP01	400	B/D	77.000	.003	.265	1.166
BP01	121C	D	88.000	.596	52.424	53.590
BP01	121C	B/D	88.000	4.927	433.535	487.125
BP01	530B	D	95.000	1.239	117.714	604.839
BP01	530B	C	95.000	.011	1.090	605.930
BP01	121C	A	65.000	8.499	552.448	1158.377
BP01	530B	B/D	95.000	2.622	249.059	1407.436
BP01	121B	A	61.000	15.862	967.584	2375.020
BP01	121B	C	83.000	6.547	543.425	2918.445
BP01	121C	C	85.000	.071	6.000	2924.446
BP01	121B	VOID	.000	.001	.000	2924.446
Subtotal			.000	40.391	2924.446	72.405
BP02	121C	B/D	88.000	1.570	138.131	138.131
BP02	530B	B/D	95.000	1.300	123.493	261.625
BP02	530B	D	95.000	.572	54.359	315.984
BP02	121C	A	65.000	5.107	331.939	647.922
BP02	121C	C	85.000	5.152	437.928	1085.850
BP02	530B	A	95.000	.424	40.238	1126.088
BP02	530B	C	95.000	.049	4.689	1130.777
Subtotal			.000	14.174	1130.777	79.781
BP03	171	C	86.000	14.517	1248.441	1248.441
BP03	186	C	75.000	.001	.043	1248.484
BP03	171	VOID	.000	.001	.000	1248.484
BP03	171	A	69.000	2.363	163.035	1411.520
Subtotal			.000	16.881	1411.520	83.620
BP04	171	C	86.000	.334	28.726	28.726
BP04	530B	B/D	95.000	1.743	165.585	194.311
BP04	121C	C	85.000	14.919	1268.073	1462.383
BP04	186	C	75.000	3.511	263.344	1725.727
BP04	530B	C	95.000	1.602	152.172	1877.899
BP04	121C	D	88.000	.775	68.232	1946.132
BP04	191	B/D	80.000	.001	.092	1946.224
BP04	121C	B/D	88.000	3.072	270.354	2216.577
BP04	121C	VOID	.000	.001	.000	2216.577
BP04	121C	A	65.000	.130	8.431	2225.008

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
Subtotal			.000	26.088	2225.008	85.292
BP05	400	C	70.000	1.116	78.099	78.099
BP05	186	C	75.000	14.121	1059.057	1137.156
BP05	191	C	74.000	3.155	233.501	1370.657
BP05	171	C	86.000	.009	.790	1371.446
BP05	191	D	80.000	1.171	93.710	1465.156
BP05	400	B/D	77.000	.923	71.105	1536.261
BP05	400	D	77.000	2.656	204.520	1740.781
BP05	191	B/D	80.000	.177	14.141	1754.923
BP05	600	D	98.000	1.779	174.357	1929.280
BP05	VOID	D	.000	.002	.000	1929.280
BP05	600	C	98.000	.958	93.872	2023.151
BP05	520	D	100.000	14.032	1403.180	3426.331
BP05	530B	B/D	95.000	.042	3.980	3430.311
BP05	520	C	100.000	.342	34.206	3464.517
BP05	530B	D	95.000	.038	3.653	3468.170
BP05	121C	D	88.000	.060	5.253	3473.422
BP05	814A	C	86.000	.178	15.350	3488.772
BP05	121C	B/D	88.000	1.056	92.929	3581.702
BP05	111B	C	79.000	1.185	93.581	3675.283
Subtotal			.000	43.000	3675.283	85.474
CB01	240	C	86.000	2.480	213.322	213.322
CB01	VOID	VOID	.000	.177	.000	213.322
CB01	400	D	77.000	5.224	402.235	615.557
CB01	817	B/D	80.000	.742	59.366	674.923
CB01	400	A	30.000	186.449	5593.475	6268.398
CB01	111B	B/D	84.000	.222	18.609	6287.007
CB01	817	A	39.000	.139	5.439	6292.446
CB01	814B	A	72.000	4.652	334.917	6627.363
CB01	211	A	39.000	3.204	124.964	6752.327
CB01	111B	A	51.000	6.830	348.342	7100.669
CB01	111A	A	46.000	10.728	493.476	7594.144
CB01	111B	VOID	.000	.001	.000	7594.144
CB01	400	C	70.000	.924	64.681	7658.825
CB01	240	A	69.000	8.867	611.828	8270.654
CB01	320	A	30.000	1.717	51.498	8322.152
CB01	VOID	A	.000	.001	.000	8322.152
CB01	240	B/D	89.000	8.083	719.345	9041.497
CB01	VOID	B/D	.000	.001	.000	9041.497
CB01	400	B/D	77.000	21.090	1623.920	10665.417
Subtotal			.000	261.530	10665.417	40.809
DL01	191	C	74.000	2.227	164.827	164.827
DL01	600	D	98.000	.013	1.294	166.120

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
DL01	240	C	86.000	1.354	116.483	282.603
DL01	140	C	94.000	13.554	1274.104	1556.707
DL01	814A	C	86.000	7.491	644.260	2200.966
DL01	VOID	C	.000	.002	.000	2200.966
DL01	140	VOID	.000	.001	.000	2200.966
DL01	140	B/D	95.000	2.138	203.151	2404.117
DL01	814A	B/D	89.000	1.096	97.561	2501.678
DL01	121A	C	81.000	1.591	128.864	2630.542
DL01	172	C	86.000	.571	49.110	2679.652
DL01	121A	B/D	86.000	.017	1.481	2681.133
DL01	111B	C	79.000	1.814	143.274	2824.407
DL01	320	C	65.000	1.351	87.816	2912.222
DL01	520	C	100.000	.088	8.838	2921.061
DL01	520	D	100.000	1.345	134.527	3055.588
DL01	111B	D	84.000	.141	11.811	3067.399
DL01	320	D	73.000	1.076	78.514	3145.912
DL01	814B	C	87.000	.496	43.190	3189.103
DL01	131	C	90.000	3.974	357.696	3546.799
Subtotal			.000	40.343	3546.799	87.923
DL02	600	D	98.000	7.161	701.760	701.760
DL02	600	C	98.000	2.556	250.456	952.215
DL02	140	C	94.000	.353	33.178	985.394
DL02	121A	A	57.000	.070	3.991	989.385
DL02	814A	A	69.000	.731	50.412	1039.796
DL02	111C	A	54.000	2.789	150.620	1190.416
DL02	172	C	86.000	.128	11.007	1201.423
DL02	814B	C	87.000	.025	2.197	1203.620
DL02	600	A	98.000	.003	.281	1203.901
DL02	121A	C	81.000	2.023	163.869	1367.770
DL02	191	C	74.000	1.572	116.326	1484.096
DL02	320	C	65.000	4.032	262.067	1746.162
DL02	320	D	73.000	.486	35.444	1781.606
DL02	814A	C	86.000	4.444	382.173	2163.779
DL02	111C	C	80.000	8.173	653.857	2817.636
Subtotal			.000	34.545	2817.636	81.564
DL03	330	C	74.000	.448	33.169	33.169
DL03	814B	C	87.000	.051	4.444	37.613
DL03	VOID	A	.000	.002	.000	37.613
DL03	121B	A	61.000	.151	9.207	46.820
DL03	133	A	61.000	.407	24.857	71.677
DL03	320	C	65.000	.081	5.260	76.937
DL03	131	C	90.000	.010	.930	77.867
DL03	121C	C	85.000	5.257	446.855	524.722
DL03	121C	D	88.000	.013	1.111	525.833
DL03	530B	D	95.000	1.317	125.075	650.907

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
DL03	530B	C	95.000	3.023	287.225	938.132
DL03	111C	C	80.000	.402	32.185	970.317
DL03	111C	A	54.000	1.750	94.494	1064.811
DL03	131	A	77.000	.645	49.672	1114.483
DL03	814B	A	72.000	.619	44.545	1159.028
DL03	121C	A	65.000	27.408	1781.531	2940.560
DL03	814A	A	69.000	.519	35.799	2976.358
DL03	111C	D	85.000	.013	1.122	2977.481
DL03	814A	C	86.000	.075	6.466	2983.946
DL03	330	A	39.000	2.099	81.854	3065.801
Subtotal			.000	44.291	3065.801	69.223
DL04	330	A	39.000	3.454	134.700	134.700
DL04	111B	A	51.000	1.002	51.105	185.806
DL04	121C	C	85.000	.005	.390	186.196
DL04	814A	C	86.000	.619	53.256	239.452
DL04	121A	C	81.000	.212	17.154	256.606
DL04	121A	A	57.000	.130	7.426	264.032
DL04	814A	A	69.000	1.298	89.576	353.609
DL04	121B	A	61.000	25.591	1561.024	1914.633
DL04	121B	C	83.000	1.183	98.224	2012.858
DL04	121C	A	65.000	.256	16.638	2029.496
DL04	330	C	74.000	.412	30.494	2059.989
Subtotal			.000	34.162	2059.989	60.300
DL05	814A	A	69.000	12.552	866.104	866.104
DL05	121B	A	61.000	5.025	306.505	1172.609
DL05	140	A	89.000	.197	17.571	1190.180
DL05	240	A	69.000	2.390	164.936	1355.117
DL05	121A	A	57.000	4.057	231.252	1586.368
DL05	520	A	100.000	17.522	1752.181	3338.549
DL05	111C	A	54.000	29.590	1597.872	4936.421
DL05	111B	A	51.000	15.787	805.158	5741.579
DL05	330	A	39.000	.364	14.191	5755.770
DL05	221	A	43.000	.977	42.028	5797.798
DL05	121A	C	81.000	.306	24.778	5822.576
DL05	111A	A	46.000	4.518	207.824	6030.399
DL05	191	A	39.000	7.347	286.546	6316.946
Subtotal			.000	100.634	6316.946	62.772
LC01	320	D	73.000	.416	30.333	30.333
LC01	240	C	86.000	1.301	111.893	142.226
LC01	240	A	69.000	10.572	729.442	871.668
LC01	400	D	77.000	.055	4.198	875.866
LC01	320	B/D	73.000	.020	1.466	877.332

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LC01	320	C	65.000	2.394	155.636	1032.968
LC01	400	C	70.000	3.889	272.222	1305.191
LC01	320	A	30.000	7.956	238.688	1543.879
LC01	211	A	39.000	6.004	234.148	1778.026
LC01	211	C	74.000	.513	37.926	1815.952
LC01	212	A	39.000	.269	10.498	1826.450
LC01	212	C	74.000	.089	6.583	1833.033
LC01	400	B/D	77.000	.391	30.095	1863.127
LC01	400	A	30.000	8.019	240.582	2103.709
LC01	520	A	100.000	3.764	376.435	2480.144
Subtotal			.000	45.651	2480.144	54.328
LC02	212	A	39.000	.032	1.231	1.231
LC02	240	A	69.000	3.285	226.634	227.865
LC02	211	A	39.000	.928	36.193	264.058
LC02	111B	A	51.000	7.081	361.133	625.191
LC02	111A	A	46.000	7.506	345.290	970.482
LC02	530A	A	39.000	.904	35.253	1005.735
LC02	814A	A	69.000	1.457	100.546	1106.280
Subtotal			.000	21.193	1106.280	52.201
LC03	121A	D	86.000	.014	1.185	1.185
LC03	814A	A	69.000	.212	14.652	15.837
LC03	814A	C	86.000	.091	7.798	23.635
LC03	111A	C	77.000	.180	13.832	37.467
LC03	213	A	39.000	6.832	266.446	303.914
LC03	530A	A	39.000	.668	26.054	329.967
LC03	400	A	30.000	8.797	263.912	593.879
LC03	530A	D	80.000	.157	12.534	606.414
LC03	111A	A	46.000	3.920	180.341	786.754
LC03	121A	A	57.000	7.532	429.299	1216.054
LC03	174	A	80.000	5.333	426.676	1642.730
LC03	211	D	80.000	.001	.046	1642.775
Subtotal			.000	33.736	1642.775	48.695
LC04	530A	D	80.000	2.067	165.335	165.335
LC04	814A	A	69.000	.009	.634	165.969
LC04	111C	A	54.000	2.796	150.961	316.930
LC04	121A	A	57.000	17.408	992.233	1309.163
LC04	530A	A	39.000	.791	30.844	1340.006
LC04	211	A	39.000	.002	.090	1340.096
LC04	400	A	30.000	.003	.103	1340.199
LC04	121A	D	86.000	.213	18.361	1358.560
Subtotal			.000	23.289	1358.560	58.334

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LC05	530A	A	39.000	1.295	50.518	50.518
LC05	111C	A	54.000	22.894	1236.260	1286.779
LC05	VOID	A	.000	.001	.000	1286.779
LC05	111B	A	51.000	2.875	146.643	1433.421
LC05	814A	A	69.000	3.321	229.168	1662.589
Subtotal			.000	30.387	1662.589	54.716
LC06	814B	A	72.000	.929	66.901	66.901
LC06	530A	D	80.000	.135	10.790	77.691
LC06	530A	A	39.000	1.232	48.056	125.747
LC06	400	A	30.000	.001	.017	125.764
LC06	111C	A	54.000	22.941	1238.833	1364.597
LC06	VOID	A	.000	.003	.000	1364.597
Subtotal			.000	25.241	1364.597	54.069
LC07	VOID	A	.000	.002	.000	.000
LC07	111C	A	54.000	7.568	408.688	408.688
LC07	213	A	39.000	.065	2.552	411.240
LC07	400	A	30.000	.063	1.877	413.116
Subtotal			.000	7.698	413.116	53.677
LC08	814B	C	87.000	.173	15.029	15.029
LC08	814A	D	89.000	.038	3.422	18.452
LC08	211	A	39.000	4.184	163.194	181.645
LC08	817	A	39.000	.575	22.428	204.073
LC08	111A	A	46.000	6.732	309.676	513.749
LC08	814A	A	69.000	.032	2.178	515.927
LC08	111A	D	82.000	.210	17.225	533.152
LC08	VOID	A	.000	.002	.000	533.152
LC08	520	A	100.000	.209	20.948	554.100
LC08	520	D	100.000	8.295	829.545	1383.646
LC08	817	D	80.000	.043	3.444	1387.089
LC08	213	A	39.000	6.778	264.342	1651.431
LC08	400	A	30.000	12.868	386.036	2037.468
LC08	VOID	D	.000	.019	.000	2037.468
LC08	400	D	77.000	2.501	192.588	2230.056
LC08	211	D	80.000	5.643	451.423	2681.480
LC08	213	D	80.000	.258	20.615	2702.095
LC08	111B	A	51.000	9.048	461.470	3163.565
LC08	400	C	70.000	.429	30.051	3193.616
LC08	814B	A	72.000	.226	16.240	3209.855
LC08	814B	D	89.000	.327	29.115	3238.970
Subtotal			.000	58.591	3238.970	55.301

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LC09	530A	D	80.000	.069	5.556	5.556
LC09	111A	D	82.000	.267	21.931	27.486
LC09	211	A	39.000	3.157	123.106	150.592
LC09	814B	A	72.000	.313	22.521	173.113
LC09	530A	A	39.000	.024	.940	174.053
LC09	111A	A	46.000	19.127	879.845	1053.898
LC09	213	A	39.000	11.082	432.192	1486.090
LC09	I21A	A	57.000	.588	33.531	1519.621
LC09	520	A	100.000	.990	99.001	1618.623
LC09	520	D	100.000	30.352	3035.239	4653.861
LC09	VOID	D	.000	.042	.000	4653.861
LC09	111B	A	51.000	1.076	54.852	4708.713
LC09	111B	D	84.000	.041	3.423	4712.136
LC09	817	D	80.000	.298	23.875	4736.011
LC09	VOID	A	.000	.072	.000	4736.011
LC09	211	D	80.000	7.051	564.096	5300.107
LC09	213	D	80.000	1.230	98.439	5398.546
LC09	111C	A	54.000	7.047	380.517	5779.062
LC09	400	D	77.000	1.015	78.176	5857.238
LC09	400	A	30.000	19.795	593.853	6451.091
LC09	817	A	39.000	.705	27.509	6478.600
Subtotal			.000	104.343	6478.600	62.158
LP01	814B	B/D	89.000	.046	4.086	4.086
LP01	814B	C	87.000	.215	18.674	22.761
LP01	814B	VOID	.000	.001	.000	22.761
LP01	VOID	C	.000	.014	.000	22.761
LP01	212	A	39.000	18.222	710.658	733.418
LP01	111A	B/D	82.000	.740	60.709	794.128
LP01	111A	C	77.000	4.020	309.520	1103.648
LP01	212	C	74.000	2.039	150.896	1254.544
LP01	211	C	74.000	.071	5.224	1259.768
LP01	600	D	98.000	.979	95.896	1355.665
LP01	111A	D	82.000	.861	70.592	1426.257
LP01	320	C	65.000	.453	29.434	1455.690
LP01	320	A	30.000	.002	.069	1455.759
LP01	320	D	73.000	.133	9.720	1465.479
LP01	400	D	77.000	.060	4.640	1470.119
LP01	132	D	92.000	1.123	103.278	1573.398
LP01	520	C	100.000	.143	14.291	1587.688
LP01	520	D	100.000	.369	36.903	1624.591
LP01	132	VOID	.000	.001	.000	1624.591
LP01	132	A	77.000	.351	27.001	1651.593
LP01	400	C	70.000	.040	2.772	1654.365
LP01	VOID	A	.000	.001	.000	1654.365
LP01	211	A	39.000	5.756	224.478	1878.843
LP01	834	B/D	89.000	.230	20.432	1899.275
LP01	600	B/D	98.000	16.978	1663.818	3563.092

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LP01	600	C	98.000	4.085	400.290	3963.383
LP01	240	C	86.000	.061	5.281	3968.664
LP01	834	C	86.000	.005	.444	3969.108
LP01	240	B/D	89.000	1.860	165.547	4134.655
LP01	600	A	98.000	2.213	216.878	4351.533
LP01	520	B/D	100.000	.014	1.435	4352.968
LP01	132	C	90.000	28.626	2576.343	6929.311
LP01	111A	A	46.000	1.459	67.136	6996.447
LP01	VOID	VOID	.000	.016	.000	6996.447
LP01	191	C	74.000	1.336	98.871	7095.317
LP01	211	VOID	.000	.001	.000	7095.317
LP01	814B	A	72.000	1.096	78.884	7174.202
LP01	132	B/D	92.000	1.271	116.954	7291.155
LP01	510	B/D	100.000	.061	6.084	7297.239
LP01	510	C	100.000	.196	19.571	7316.810
Subtotal			.000	95.145	7316.810	76.928
LP02	814B	C	87.000	.917	79.790	79.790
LP02	814B	B/D	89.000	.036	3.167	82.957
LP02	111A	C	77.000	.003	.265	83.222
LP02	132	C	90.000	11.046	994.112	1077.334
LP02	211	A	39.000	1.713	66.813	1144.147
LP02	510	C	100.000	.926	92.631	1236.777
LP02	213	A	39.000	.281	10.945	1247.723
LP02	320	A	30.000	.934	28.013	1275.736
LP02	111C	A	54.000	.055	2.944	1278.680
LP02	111C	C	80.000	.356	28.466	1307.146
LP02	510	B/D	100.000	.035	3.501	1310.647
LP02	814A	B/D	89.000	.881	78.406	1389.054
LP02	132	B/D	92.000	5.576	512.959	1902.013
LP02	320	C	65.000	.042	2.723	1904.736
LP02	191	C	74.000	.410	30.324	1935.060
LP02	240	C	86.000	2.632	226.352	2161.412
LP02	211	C	74.000	7.577	560.691	2722.103
LP02	213	C	74.000	9.148	676.932	3399.035
LP02	213	B/D	80.000	.021	1.699	3400.733
LP02	814A	C	86.000	.868	74.677	3475.411
Subtotal			.000	43.456	3475.411	79.976
LP03	VOID	C	.000	.014	.000	.000
LP03	132	B/D	92.000	2.890	265.905	265.905
LP03	132	C	90.000	17.408	1566.684	1832.588
LP03	520	C	100.000	3.131	313.131	2145.720
LP03	330	C	74.000	.203	15.034	2160.754
Subtotal			.000	23.646	2160.754	91.432

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LP04	111C	B/D	85.000	3.169	269.333	269.333
LP04	330	C	74.000	5.596	414.084	683.417
LP04	814A	C	86.000	.783	67.373	750.789
LP04	240	C	86.000	17.823	1532.739	2283.528
LP04	814A	B/D	89.000	1.729	153.850	2437.378
LP04	240	B/D	89.000	1.982	176.376	2613.753
LP04	132	C	90.000	25.913	2332.128	4945.882
LP04	132	B/D	92.000	5.185	477.055	5422.936
LP04	111C	C	80.000	.375	29.982	5452.918
Subtotal			.000	62.553	5452.918	87.172
LP05	510	B/D	100.000	.001	.057	.057
LP05	530B	B/D	95.000	1.725	163.840	163.898
LP05	600	D	98.000	.001	.056	163.954
LP05	400	D	77.000	.824	63.460	227.413
LP05	VOID	D	.000	.002	.000	227.413
LP05	530B	D	95.000	4.215	400.413	627.827
LP05	400	B/D	77.000	12.204	939.697	1567.524
LP05	814A	B/D	89.000	.848	75.495	1643.018
Subtotal			.000	19.819	1643.018	82.910
LP06A	186	B/D	81.000	2.258	182.929	182.929
LP06A	140	C	94.000	1.933	181.699	364.628
LP06A	814A	C	86.000	.275	23.642	388.270
LP06A	140	D	95.000	6.682	634.805	1023.075
LP06A	186	D	81.000	.082	6.648	1029.723
LP06A	140	B/D	95.000	6.447	612.506	1642.229
LP06A	814A	B/D	89.000	.420	37.339	1679.567
Subtotal			.000	18.097	1679.567	92.807
LP06B	121C	D	88.000	10.739	945.050	945.050
LP06B	140	D	95.000	.001	.055	945.105
LP06B	400	B/D	77.000	.003	.265	945.370
LP06B	121B	B/D	87.000	.001	.050	945.420
LP06B	186	B/D	81.000	.292	23.662	969.082
LP06B	530B	B/D	95.000	3.248	308.597	1277.680
LP06B	510	D	100.000	.001	.057	1277.737
LP06B	530B	D	95.000	1.663	157.952	1435.689
LP06B	121C	B/D	88.000	25.900	2279.242	3714.931
LP06B	186	D	81.000	.055	4.416	3719.347
LP06B	121C	C	85.000	.254	21.562	3740.910
LP06B	510	B/D	100.000	.002	.230	3741.139
Subtotal			.000	42.159	3741.139	88.740

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LP07	VOID	B/D	.000	.003	.000	.000
LP07	817	B/D	80.000	.003	.275	.275
LP07	VOID	D	.000	.001	.000	.275
LP07	VOID	C	.000	.001	.000	.275
LP07	186	B/D	81.000	.055	4.416	4.692
LP07	510	D	100.000	.475	47.463	52.155
LP07	600	C	98.000	.375	36.728	88.883
LP07	400	VOID	.000	.002	.000	88.883
LP07	530B	B/D	95.000	.321	30.533	119.415
LP07	121C	B/D	88.000	.014	1.263	120.678
LP07	530B	D	95.000	.309	29.333	150.011
LP07	814A	C	86.000	.487	41.904	191.915
LP07	140	C	94.000	.103	9.711	201.626
LP07	400	B/D	77.000	22.670	1745.625	1947.251
LP07	240	B/D	89.000	6.385	568.254	2515.504
LP07	240	D	89.000	.277	24.671	2540.176
LP07	240	C	86.000	.057	4.936	2545.111
LP07	510	B/D	100.000	1.408	140.783	2685.894
LP07	600	B/D	98.000	19.315	1892.844	4578.739
LP07	600	D	98.000	1.307	128.068	4706.807
LP07	817	C	74.000	.002	.127	4706.934
LP07	400	A	30.000	.051	1.515	4708.449
LP07	140	B/D	95.000	4.050	384.711	5093.160
LP07	140	D	95.000	.373	35.440	5128.600
LP07	817	A	39.000	.016	.627	5129.226
LP07	400	C	70.000	14.759	1033.127	6162.353
LP07	814A	B/D	89.000	.381	33.865	6196.218
LP07	400	D	77.000	6.923	533.087	6729.306
Subtotal			.000	80.122	6729.306	83.995
LP08	814A	B/D	89.000	2.661	236.802	236.802
LP08	814A	C	86.000	2.166	186.274	423.076
LP08	814A	A	69.000	.583	40.195	463.271
LP08	814A	D	89.000	.801	71.255	534.526
LP08	400	C	70.000	.645	45.116	579.642
LP08	212	C	74.000	2.452	181.475	761.117
LP08	240	C	86.000	2.897	249.155	1010.272
LP08	132	C	90.000	.126	11.364	1021.636
LP08	320	B/D	73.000	1.191	86.935	1108.570
LP08	213	B/D	80.000	.495	39.624	1148.194
LP08	213	D	80.000	.310	24.793	1172.987
LP08	240	B/D	89.000	.882	78.457	1251.445
LP08	140	B/D	95.000	.001	.055	1251.499
LP08	111B	C	79.000	.566	44.750	1296.249
LP08	320	D	73.000	.003	.251	1296.501
LP08	330	C	74.000	.058	4.289	1300.790
LP08	212	B/D	80.000	1.957	156.566	1457.356
LP08	VOID	C	.000	.001	.000	1457.356

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LP08	520	B/D	100.000	1.016	101.584	1558.940
LP08	111A	C	77.000	.911	70.177	1629.117
LP08	111A	B/D	82.000	1.245	102.076	1731.193
LP08	111B	B/D	84.000	2.780	233.526	1964.719
LP08	400	B/D	77.000	2.043	157.279	2121.998
LP08	VOID	B/D	.000	.001	.000	2121.998
LP08	111B	A	51.000	.726	37.027	2159.025
LP08	133	C	83.000	.869	72.120	2231.145
LP08	320	C	65.000	1.392	90.464	2321.609
LP08	133	A	61.000	.103	6.267	2327.876
Subtotal			.000	28.879	2327.876	80.612
LP09	121B	A	61.000	.746	45.477	45.477
LP09	121B	B/D	87.000	1.188	103.357	148.834
LP09	121B	C	83.000	14.023	1163.924	1312.759
LP09	530B	B/D	95.000	.835	79.330	1392.089
LP09	530B	C	95.000	.286	27.207	1419.296
Subtotal			.000	17.078	1419.296	83.106
LP10	817	C	74.000	3.336	246.879	246.879
LP10	817	A	39.000	.698	27.218	274.097
LP10	600	B/D	98.000	.060	5.849	279.946
LP10	240	C	86.000	.001	.049	279.995
LP10	111C	B/D	85.000	1.794	152.497	432.492
LP10	600	C	98.000	.023	2.250	434.742
LP10	111C	A	54.000	6.461	348.905	783.647
LP10	510	B/D	100.000	.167	16.701	800.348
LP10	510	C	100.000	.653	65.255	865.603
LP10	400	A	30.000	.056	1.687	867.290
LP10	400	B/D	77.000	.694	53.428	920.718
LP10	400	C	70.000	5.801	406.084	1326.802
LP10	111C	C	80.000	4.029	322.314	1649.116
LP10	817	B/D	80.000	.331	26.492	1675.608
Subtotal			.000	24.104	1675.608	69.517
LP11	111C	A	54.000	12.145	655.816	655.816
LP11	520	A	100.000	.991	99.059	754.875
LP11	400	A	30.000	.323	9.676	764.551
Subtotal			.000	13.458	764.551	56.811
LP12	213	A	39.000	5.694	222.061	222.061
LP12	212	C	74.000	3.640	269.388	491.449
LP12	814A	C	86.000	.616	53.010	544.459

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LP12	240	C	86.000	.591	50.789	595.247
LP12	400	A	30.000	1.174	35.210	630.457
LP12	212	A	39.000	.829	32.343	662.801
LP12	240	A	69.000	2.033	140.265	803.066
LP12	213	C	74.000	2.305	170.560	973.626
LP12	400	C	70.000	1.250	87.500	1061.126
LP12	814A	A	69.000	2.072	142.998	1204.124
LP12	111B	A	51.000	.911	46.481	1250.604
LP12	111A	C	77.000	1.679	129.306	1379.910
LP12	111A	A	46.000	1.078	49.580	1429.490
LP12	111C	A	54.000	.130	7.035	1436.525
LP12	111B	C	79.000	1.082	85.465	1521.990
LP12	111C	C	80.000	1.850	148.026	1670.016
Subtotal			.000	26.935	1670.016	62.001
LP13	121A	A	57.000	2.048	116.754	116.754
LP13	814A	A	69.000	1.351	93.220	209.974
LP13	400	A	30.000	6.124	183.712	393.686
Subtotal			.000	9.523	393.686	41.340
LP14	814A	A	69.000	.124	8.554	8.554
LP14	530A	A	39.000	1.317	51.346	59.900
LP14	111C	A	54.000	17.928	968.120	1028.020
LP14	121A	A	57.000	.842	47.991	1076.011
Subtotal			.000	20.211	1076.011	53.240
LP15	111B	A	51.000	24.022	1225.124	1225.124
LP15	111B	D	84.000	.247	20.778	1245.902
LP15	814A	A	69.000	.111	7.683	1253.585
LP15	814A	D	89.000	.082	7.304	1260.889
Subtotal			.000	24.463	1260.889	51.543
LP16	530A	A	39.000	.099	3.850	3.850
LP16	814A	D	89.000	.487	43.315	47.165
LP16	400	A	30.000	226.048	6781.439	6828.604
LP16	240	A	69.000	4.696	324.012	7152.616
LP16	VOID	D	.000	.001	.000	7152.616
LP16	817	A	39.000	.007	.291	7152.907
LP16	520	C	100.000	1.587	158.689	7311.596
LP16	520	A	100.000	3.259	325.930	7637.526
LP16	240	C	86.000	.599	51.529	7689.055
LP16	520	D	100.000	92.697	9269.742	16958.797
LP16	111C	B/D	85.000	1.245	105.860	17064.657

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
LP16	400	B/D	77.000	23.121	1780.316	18844.973
LP16	400	D	77.000	29.033	2235.537	21080.509
LP16	111C	C	80.000	6.462	516.988	21597.497
LP16	400	C	70.000	52.285	3659.935	25257.432
LP16	111C	A	54.000	79.369	4285.940	29543.372
LP16	814A	A	69.000	12.761	880.518	30423.890
LP16	817	B/D	80.000	.266	21.304	30445.194
LP16	817	C	74.000	2.218	164.105	30609.299
LP16	VOID	VOID	.000	.057	.000	30609.299
LP16	111C	D	85.000	.258	21.952	30631.251
LP16	111B	A	51.000	3.800	193.796	30825.048
LP16	VOID	A	.000	.006	.000	30825.048
Subtotal			.000	540.363	30825.048	57.052
MN01	171	A	69.000	.602	41.541	41.541
Subtotal			.000	.602	41.541	69.000
MN02	171	A	69.000	8.345	575.832	575.832
Subtotal			.000	8.345	575.832	69.000
MN03	400	A	30.000	.001	.017	.017
MN03	813	A	68.000	3.483	236.853	236.870
MN03	191	C	74.000	.456	33.764	270.634
MN03	171	A	69.000	1.445	99.675	370.308
MN03	814A	A	69.000	.001	.040	370.348
MN03	191	A	39.000	8.129	317.032	687.379
Subtotal			.000	13.514	687.379	50.864
MN04	111C	A	54.000	7.398	399.514	399.514
MN04	814A	A	69.000	.009	.634	400.148
Subtotal			.000	7.408	400.148	54.019
MN05	121A	A	57.000	.240	13.707	13.707
MN05	111C	A	54.000	7.774	419.814	433.521
MN05	814A	A	69.000	.005	.356	433.877
Subtotal			.000	8.020	433.877	54.100
MN06	400	A	30.000	.019	.568	.568
MN06	213	A	39.000	.886	34.537	35.105

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MN06	172	A	69.000	3.624	250.038	285.143
MN06	111C	A	54.000	2.544	137.386	422.529
MN06	240	A	69.000	3.081	212.615	635.145
MN06	121A	A	57.000	5.205	296.679	931.823
MN06	814A	A	69.000	.125	8.633	940.456
MN06	111A	A	46.000	.588	27.060	967.517
Subtotal			.000	16.072	967.517	60.199
MN07	111B	A	51.000	8.772	447.392	447.392
MN07	111C	A	54.000	.055	2.944	450.336
MN07	VOID	A	.000	.003	.000	450.336
MN07	400	A	30.000	9.961	298.829	749.165
MN07	814B	A	72.000	1.151	82.893	832.058
MN07	191	A	39.000	14.940	582.672	1414.730
MN07	121C	A	65.000	2.229	144.855	1559.584
MN07	121A	A	57.000	2.248	128.139	1687.723
MN07	240	A	69.000	9.553	659.151	2346.874
MN07	814A	A	69.000	1.586	109.416	2456.291
MN07	133	A	61.000	18.502	1128.626	3584.917
MN07	211	A	39.000	8.560	333.841	3918.758
Subtotal			.000	77.560	3918.758	50.528
MN08	111C	A	54.000	.213	11.529	11.529
MN08	817	A	39.000	.396	15.444	26.973
MN08	VOID	A	.000	.001	.000	26.973
MN08	400	A	30.000	.204	6.112	33.085
MN08	121A	A	57.000	3.875	220.882	253.967
MN08	111B	A	51.000	.040	2.020	255.987
MN08	VOID	VOID	.000	.001	.000	255.987
Subtotal			.000	4.729	255.987	54.143
MN09	186	A	42.000	.157	6.581	6.581
MN09	400	A	30.000	.010	.310	6.890
MN09	VOID	A	.000	.007	.000	6.890
MN09	121A	A	57.000	1.196	68.175	75.065
MN09	817	A	39.000	.261	10.162	85.227
MN09	111B	A	51.000	18.387	937.722	1022.949
Subtotal			.000	20.018	1022.949	51.121
MN10	400	A	30.000	2.941	88.223	88.223
MN10	213	A	39.000	.851	33.194	121.417
MN10	111C	A	54.000	10.237	552.800	674.217
MN10	111C	VOID	.000	.001	.000	674.217

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
Subtotal			.000	14.030	674.217	48.059
MN11	111C	A	54.000	5.911	319.184	319.184
Subtotal			.000	5.911	319.184	54.000
MN12	VOID	C	.000	.001	.000	.000
MN12	211	A	39.000	1.280	49.936	49.936
MN12	320	C	65.000	7.353	477.913	527.849
MN12	111C	A	54.000	.886	47.820	575.669
MN12	240	C	86.000	4.032	346.784	922.453
MN12	240	A	69.000	8.251	569.297	1491.750
MN12	111B	A	51.000	.570	29.094	1520.845
MN12	400	A	30.000	5.817	174.518	1695.363
MN12	814A	C	86.000	2.727	234.496	1929.859
MN12	400	C	70.000	23.409	1638.636	3568.495
MN12	191	C	74.000	2.390	176.846	3745.341
MN12	121A	A	57.000	.681	38.798	3784.139
MN12	400	VOID	.000	.001	.000	3784.139
MN12	211	C	74.000	2.666	197.274	3981.413
MN12	140	A	89.000	.013	1.175	3982.588
MN12	121B	C	83.000	.003	.238	3982.826
MN12	814B	C	87.000	.246	21.371	4004.196
MN12	814B	A	72.000	1.263	90.909	4095.106
MN12	814A	A	69.000	.141	9.702	4104.808
MN12	121B	A	61.000	.001	.035	4104.843
MN12	111B	C	79.000	1.330	105.098	4209.940
MN12	320	A	30.000	8.635	259.039	4468.980
Subtotal			.000	71.693	4468.980	62.336
MN13	600	D	98.000	18.067	1770.569	1770.569
MN13	240	B/D	89.000	.561	49.955	1820.525
MN13	400	A	30.000	.518	15.548	1836.072
MN13	320	B/D	73.000	.499	36.450	1872.522
MN13	814A	A	69.000	.055	3.802	1876.323
MN13	320	C	65.000	.509	33.089	1909.413
MN13	740	A	68.000	.003	.234	1909.647
MN13	740	B/D	89.000	.304	27.021	1936.668
MN13	400	C	70.000	6.066	424.644	2361.312
MN13	814A	C	86.000	1.385	119.148	2480.460
MN13	240	C	86.000	1.317	113.225	2593.686
MN13	111B	B/D	84.000	.464	38.953	2632.639
MN13	212	C	74.000	.790	58.439	2691.078
MN13	213	B/D	80.000	1.271	101.699	2792.777
MN13	213	C	74.000	.192	14.185	2806.962
MN13	400	D	77.000	8.882	683.914	3490.876

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MN13	213	D	80.000	1.527	122.130	3613.006
MN13	211	B/D	80.000	.573	45.868	3658.874
MN13	212	B/D	80.000	.302	24.197	3683.070
MN13	600	B/D	98.000	1.250	122.500	3805.570
MN13	831	C	86.000	1.943	167.074	3972.645
MN13	831	B/D	89.000	7.330	652.381	4625.025
MN13	211	C	74.000	.941	69.651	4694.676
MN13	320	D	73.000	.015	1.131	4695.808
MN13	175	B/D	95.000	4.775	453.627	5149.435
MN13	175	D	95.000	1.160	110.244	5259.679
MN13	175	A	89.000	.275	24.518	5284.197
MN13	400	B/D	77.000	26.008	2002.601	7286.798
MN13	814A	B/D	89.000	.529	47.095	7333.893
MN13	814A	D	89.000	.388	34.529	7368.422
Subtotal			.000	87.902	7368.422	83.826
MN14	814A	C	86.000	.269	23.149	23.149
MN14	400	B/D	77.000	21.288	1639.167	1662.315
MN14	320	B/D	73.000	1.699	124.013	1786.328
MN14	212	B/D	80.000	10.502	840.129	2626.457
MN14	140	C	94.000	.583	54.812	2681.268
MN14	320	D	73.000	1.390	101.473	2782.741
MN14	140	B/D	95.000	2.123	201.679	2984.420
MN14	400	D	77.000	1.279	98.504	3082.923
MN14	111C	B/D	85.000	1.725	146.643	3229.566
MN14	814B	B/D	89.000	1.496	133.163	3362.729
MN14	320	C	65.000	.059	3.842	3366.571
MN14	111C	A	54.000	.369	19.928	3386.499
MN14	400	A	30.000	4.855	145.644	3532.143
MN14	111B	A	51.000	.941	47.973	3580.116
MN14	212	C	74.000	1.754	129.831	3709.948
MN14	240	B/D	89.000	1.901	169.174	3879.121
MN14	400	C	70.000	.431	30.171	3909.292
MN14	191	D	80.000	.004	.321	3909.614
MN14	740	B/D	89.000	.434	38.667	3948.280
MN14	111B	B/D	84.000	.003	.241	3948.522
MN14	240	A	69.000	1.020	70.410	4018.931
MN14	814A	A	69.000	1.303	89.933	4108.864
MN14	172	B/D	89.000	4.160	370.271	4479.136
MN14	172	A	69.000	.857	59.124	4538.259
MN14	191	B/D	80.000	3.405	272.406	4810.665
MN14	814A	B/D	89.000	1.308	116.409	4927.074
Subtotal			.000	65.160	4927.074	75.616
MN15	121B	B/D	87.000	.902	78.442	78.442
MN15	814A	D	89.000	.004	.358	78.799
MN15	121C	A	65.000	.215	13.952	92.751

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MN15	121A	C	81.000	7.170	580.770	673.521
MN15	VOID	A	.000	.042	.000	673.521
MN15	530B	C	95.000	.069	6.543	680.064
MN15	530B	D	95.000	.009	.872	680.936
MN15	530B	B/D	95.000	.483	45.908	726.844
MN15	191	D	80.000	.239	19.100	745.944
MN15	121C	B/D	88.000	.793	69.747	815.692
MN15	121B	C	83.000	.332	27.581	843.272
MN15	121A	VOID	.000	.001	.000	843.272
MN15	121B	D	87.000	.011	.999	844.271
MN15	814A	A	69.000	.919	63.400	907.672
MN15	VOID	C	.000	.001	.000	907.672
MN15	121A	A	57.000	16.797	957.426	1865.098
MN15	111C	A	54.000	.095	5.114	1870.211
MN15	191	C	74.000	.038	2.803	1873.014
MN15	400	D	77.000	.085	6.540	1879.555
MN15	400	C	70.000	.244	17.114	1896.669
MN15	111B	C	79.000	.164	12.922	1909.591
MN15	111C	C	80.000	.362	28.926	1938.516
MN15	121B	A	61.000	.113	6.897	1945.413
MN15	814A	C	86.000	3.380	290.665	2236.078
Subtotal			.000	32.466	2236.078	68.967
MN16	111C	A	54.000	.135	7.314	7.314
MN16	121B	C	83.000	.573	47.588	54.902
MN16	191	D	80.000	.021	1.699	56.601
MN16	111C	C	80.000	4.536	362.856	419.456
MN16	121B	D	87.000	.522	45.437	464.894
MN16	814A	D	89.000	.274	24.365	489.258
MN16	814A	C	86.000	.535	46.050	535.309
MN16	191	C	74.000	.017	1.232	536.540
Subtotal			.000	6.614	536.540	81.124
MN17	121B	D	87.000	.735	63.962	63.962
MN17	121B	B/D	87.000	.445	38.747	102.708
MN17	833	C	86.000	.461	39.634	142.342
MN17	186	C	75.000	.330	24.750	167.093
MN17	111C	C	80.000	.225	17.998	185.091
MN17	191	C	74.000	.645	47.736	232.827
MN17	191	B/D	80.000	1.073	85.859	318.686
MN17	191	D	80.000	.610	48.806	367.492
MN17	814A	D	89.000	.459	40.812	408.304
MN17	814A	B/D	89.000	.456	40.608	448.912
Subtotal			.000	5.440	448.912	82.526

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MN18	111B	B/D	84.000	4.803	403.464	403.464
MN18	814B	A	72.000	.001	.083	403.547
MN18	400	C	70.000	3.807	266.517	670.064
MN18	212	C	74.000	1.268	93.859	763.923
MN18	600	C	98.000	.006	.562	764.486
MN18	400	B/D	77.000	18.201	1401.458	2165.944
MN18	520	C	100.000	.022	2.181	2168.125
MN18	520	B/D	100.000	1.523	152.261	2320.386
MN18	111B	A	51.000	3.654	186.333	2506.719
MN18	600	B/D	98.000	2.024	198.374	2705.092
MN18	140	B/D	95.000	.081	7.742	2712.835
MN18	320	B/D	73.000	.684	49.940	2762.775
MN18	814A	B/D	89.000	.028	2.452	2765.227
MN18	520	A	100.000	.693	69.330	2834.556
MN18	520	D	100.000	.308	30.762	2865.319
MN18	814B	B/D	89.000	.014	1.226	2866.544
MN18	212	B/D	80.000	2.711	216.850	3083.395
MN18	600	D	98.000	.366	35.884	3119.279
MN18	814A	A	69.000	.002	.158	3119.437
MN18	240	B/D	89.000	1.963	174.741	3294.178
MN18	VOID	C	.000	.029	.000	3294.178
MN18	400	A	30.000	15.846	475.379	3769.557
MN18	VOID	D	.000	.007	.000	3769.557
MN18	VOID	A	.000	.001	.000	3769.557
MN18	814A	C	86.000	.063	5.380	3774.937
MN18	400	D	77.000	.108	8.308	3783.245
MN18	600	A	98.000	.186	18.223	3801.468
MN18	320	C	65.000	1.418	92.143	3893.611
MN18	140	C	94.000	.751	70.619	3964.230
MN18	111B	C	79.000	.003	.227	3964.457
MN18	240	A	69.000	1.130	77.973	4042.430
Subtotal			.000	61.701	4042.430	65.557
MN19	530A	B/D	80.000	2.323	185.859	185.859
MN19	530A	A	39.000	.048	1.858	187.716
MN19	121C	A	65.000	.813	52.824	240.540
MN19	121C	C	85.000	2.258	191.962	432.502
MN19	121C	B/D	88.000	6.857	603.384	1035.886
MN19	175	A	89.000	.033	2.963	1038.849
MN19	175	B/D	95.000	.331	31.405	1070.254
MN19	140	A	89.000	1.422	126.574	1196.827
Subtotal			.000	14.085	1196.827	84.974
MN20	121A	B/D	86.000	.048	4.146	4.146
MN20	175	C	94.000	.659	61.933	66.079
MN20	530B	D	95.000	.595	56.540	122.619
MN20	814B	A	72.000	.320	23.017	145.635

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MN20	111A	D	82.000	2.402	197.000	342.635
MN20	814A	B/D	89.000	2.748	244.566	587.201
MN20	111C	D	85.000	6.337	538.616	1125.817
MN20	VOID	B/D	.000	.005	.000	1125.817
MN20	VOID	A	.000	.085	.000	1125.817
MN20	VOID	C	.000	.021	.000	1125.817
MN20	400	D	77.000	15.581	1199.766	2325.584
MN20	111C	A	54.000	32.750	1768.512	4094.096
MN20	600	A	98.000	1.273	124.750	4218.846
MN20	VOID	D	.000	.002	.000	4218.846
MN20	600	D	98.000	19.144	1876.083	6094.929
MN20	814A	A	69.000	10.414	718.592	6813.521
MN20	111B	A	51.000	8.383	427.546	7241.067
MN20	213	D	80.000	.461	36.915	7277.982
MN20	530B	B/D	95.000	.806	76.550	7354.532
MN20	111B	D	84.000	2.294	192.693	7547.224
MN20	600	B/D	98.000	1.368	134.086	7681.311
MN20	814B	D	89.000	.508	45.205	7726.516
MN20	213	A	39.000	7.334	286.009	8012.525
MN20	171	C	86.000	.290	24.925	8037.450
MN20	140	C	94.000	.388	36.469	8073.919
MN20	320	C	65.000	.579	37.641	8111.560
MN20	320	B/D	73.000	1.001	73.109	8184.669
MN20	111B	B/D	84.000	3.002	252.183	8436.852
MN20	121C	A	65.000	7.581	492.797	8929.649
MN20	111A	B/D	82.000	.918	75.251	9004.901
MN20	400	B/D	77.000	3.510	270.278	9275.178
MN20	211	D	80.000	1.827	146.143	9421.322
MN20	240	A	69.000	1.668	115.119	9536.440
MN20	111B	C	79.000	.028	2.222	9538.662
MN20	211	A	39.000	1.102	42.975	9581.637
MN20	520	D	100.000	97.582	9758.207	19339.844
MN20	814A	VOID	.000	.001	.000	19339.844
MN20	814A	C	86.000	1.956	168.259	19508.103
MN20	172	C	86.000	.524	45.063	19553.166
MN20	172	A	69.000	.316	21.780	19574.946
MN20	121C	C	85.000	1.728	146.838	19721.784
MN20	121C	B/D	88.000	1.826	160.707	19882.491
MN20	530B	A	95.000	.723	68.698	19951.189
MN20	172	B/D	89.000	.015	1.379	19952.569
MN20	520	A	100.000	1.186	118.572	20071.141
MN20	814B	C	87.000	.092	8.039	20079.180
MN20	814B	B/D	89.000	.335	29.779	20108.959
MN20	813	A	68.000	4.182	284.348	20393.307
MN20	111A	A	46.000	4.397	202.280	20595.586
MN20	121A	A	57.000	14.275	813.650	21409.236
MN20	VOID	VOID	.000	.001	.000	21409.236
MN20	400	A	30.000	45.304	1359.125	22768.362
MN20	186	A	42.000	.680	28.540	22796.902
MN20	186	D	81.000	.310	25.150	22822.051
MN20	111C	C	80.000	.182	14.555	22836.606

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MN20	600	C	98.000	.009	.844	22837.450
MN20	121A	C	81.000	6.552	530.749	23368.199
MN20	814A	D	89.000	.618	55.012	23423.211
MN20	400	C	70.000	8.787	615.111	24038.322
MN20	175	A	89.000	4.283	381.202	24419.524
MN20	175	B/D	95.000	4.576	434.762	24854.287
MN20	121A	D	86.000	.439	37.758	24892.045
MN20	191	A	39.000	.006	.246	24892.291
MN20	171	A	69.000	6.464	446.021	25338.312
MN20	817	A	39.000	.661	25.785	25364.097
MN20	320	A	30.000	3.052	91.563	25455.661
Subtotal			.000	346.496	25455.661	73.490
MN21	400	A	30.000	1.720	51.601	51.601
MN21	213	D	80.000	.219	17.493	69.094
MN21	600	D	98.000	.720	70.587	139.681
MN21	400	D	77.000	.764	58.864	198.545
MN21	814B	D	89.000	.394	35.091	233.636
MN21	814B	A	72.000	1.419	102.190	335.826
MN21	600	A	98.000	.217	21.260	357.086
MN21	520	A	100.000	.037	3.730	360.817
MN21	520	D	100.000	.358	35.755	396.572
MN21	814B	C	87.000	.095	8.289	404.861
MN21	400	C	70.000	.925	64.761	469.622
MN21	213	A	39.000	6.606	257.627	727.249
Subtotal			.000	13.475	727.249	53.970
MS01	186	B/D	81.000	1.418	114.824	114.824
MS01	191	C	74.000	.319	23.613	138.438
MS01	186	C	75.000	12.809	960.701	1099.139
MS01	191	A	39.000	5.061	197.373	1296.511
MS01	191	B/D	80.000	2.895	231.589	1528.100
MS01	600	B/D	98.000	3.103	304.056	1832.156
MS01	600	A	98.000	.530	51.913	1884.070
MS01	140	C	94.000	.954	89.716	1973.786
MS01	814A	A	69.000	6.262	432.082	2405.868
MS01	213	A	39.000	3.857	150.413	2556.281
MS01	140	A	89.000	5.300	471.663	3027.944
MS01	111A	B/D	82.000	1.129	92.617	3120.561
MS01	111A	C	77.000	1.406	108.226	3228.787
MS01	600	C	98.000	.411	40.271	3269.058
MS01	111A	A	46.000	2.004	92.190	3361.248
MS01	814A	C	86.000	5.107	439.230	3800.478
MS01	186	A	42.000	5.991	251.629	4052.107
MS01	140	B/D	95.000	.327	31.078	4083.185
MS01	121A	B/D	86.000	1.433	123.245	4206.430
MS01	211	A	39.000	.533	20.771	4227.201

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MS01	814A	B/D	89.000	1.476	131.375	4358.576
MS01	121A	A	57.000	2.577	146.916	4505.492
MS01	121A	C	81.000	2.832	229.416	4734.909
MS01	148	A	39.000	.603	23.524	4758.433
MS01	111C	A	54.000	8.827	476.684	5235.117
MS01	174	A	80.000	11.680	934.435	6169.552
MS01	111C	C	80.000	2.658	212.672	6382.225
Subtotal			.000	91.504	6382.225	69.748
MS02	211	A	39.000	.852	33.239	33.239
MS02	520	C	100.000	.026	2.583	35.821
MS02	133	A	61.000	2.027	123.652	159.474
MS02	133	B/D	87.000	.659	57.371	216.845
MS02	111B	A	51.000	.024	1.229	218.074
MS02	191	A	39.000	.137	5.350	223.423
MS02	174	A	80.000	.203	16.253	239.677
MS02	111C	A	54.000	.584	31.550	271.226
MS02	191	C	74.000	.921	68.165	339.391
MS02	211	C	74.000	.996	73.728	413.119
MS02	191	B/D	80.000	.739	59.091	472.210
MS02	814A	A	69.000	1.137	78.449	550.659
MS02	131	A	77.000	3.729	287.159	837.818
MS02	131	B/D	92.000	1.249	114.894	952.712
MS02	520	B/D	100.000	.596	59.630	1012.343
MS02	814A	B/D	89.000	.327	29.064	1041.407
MS02	530B	B/D	95.000	.483	45.853	1087.260
Subtotal			.000	14.690	1087.260	74.013
MS03	400	A	30.000	.646	19.370	19.370
MS03	133	A	61.000	2.790	170.180	189.549
MS03	121A	B/D	86.000	.033	2.863	192.412
MS03	191	A	39.000	1.530	59.673	252.085
MS03	814A	B/D	89.000	.024	2.145	254.230
MS03	172	C	86.000	1.699	146.147	400.377
MS03	121A	A	57.000	6.782	386.575	786.952
MS03	814A	C	86.000	4.198	361.048	1148.000
MS03	140	A	89.000	6.679	594.457	1742.458
MS03	VOID	A	.000	.002	.000	1742.458
MS03	814A	A	69.000	3.064	211.427	1953.885
MS03	148	C	74.000	1.078	79.759	2033.644
MS03	VOID	C	.000	.001	.000	2033.644
MS03	148	D	80.000	2.199	175.941	2209.585
MS03	121A	C	81.000	8.301	672.397	2881.982
MS03	140	C	94.000	7.790	732.298	3614.280
MS03	132	A	77.000	.215	16.528	3630.808
MS03	140	VOID	.000	.001	.000	3630.808
MS03	148	A	39.000	15.580	607.607	4238.414

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
Subtotal			.000	62.613	4238.414	67.697
MS04	111C	A	54.000	.286	15.465	15.465
MS04	148	A	39.000	1.954	76.191	91.656
MS04	400	A	30.000	.001	.017	91.674
MS04	148	D	80.000	1.502	120.156	211.830
Subtotal			.000	3.743	211.830	56.601
MS05	148	D	80.000	1.280	102.433	102.433
MS05	148	A	39.000	.931	36.305	138.739
MS05	814A	A	69.000	.003	.238	138.976
MS05	111C	A	54.000	.179	9.669	148.646
MS05	400	A	30.000	.164	4.907	153.553
Subtotal			.000	2.557	153.553	60.043
MS06	814A	A	69.000	6.987	482.097	482.097
MS06	111C	A	54.000	10.589	571.798	1053.895
MS06	111B	A	51.000	1.346	68.667	1122.562
MS06	211	A	39.000	2.016	78.631	1201.193
MS06	133	A	61.000	.444	27.062	1228.255
MS06	121B	A	61.000	.627	38.230	1266.485
MS06	240	A	69.000	2.727	188.182	1454.667
MS06	814B	A	72.000	.866	62.355	1517.023
MS06	121A	A	57.000	43.515	2480.370	3997.393
MS06	400	A	30.000	12.132	363.964	4361.356
MS06	VOID	A	.000	.010	.000	4361.356
MS06	121C	A	65.000	.473	30.739	4392.095
MS06	122	A	65.000	9.281	603.294	4995.390
MS06	148	A	39.000	.075	2.910	4998.300
Subtotal			.000	91.088	4998.300	54.879
MS07	400	A	30.000	.011	.327	.327
MS07	530A	A	39.000	.824	32.119	32.447
MS07	122	A	65.000	.001	.075	32.521
MS07	111C	A	54.000	.001	.062	32.583
MS07	148	A	39.000	.004	.157	32.740
MS07	814A	A	69.000	.025	1.703	34.443
MS07	530A	D	80.000	.335	26.814	61.256
MS07	121C	D	88.000	.603	53.030	114.287
MS07	121C	A	65.000	21.283	1383.376	1497.663
Subtotal			.000	23.086	1497.663	64.873

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
MS08	530A	A	39.000	.979	38.185	38.185
MS08	400	A	30.000	.025	.758	38.943
MS08	121C	A	65.000	11.135	723.789	762.732
MS08	814A	A	69.000	.001	.040	762.771
Subtotal			.000	12.140	762.771	62.830
MS09	211	C	74.000	2.037	150.727	150.727
MS09	400	B/D	77.000	.166	12.816	163.542
MS09	191	B/D	80.000	.341	27.319	190.861
MS09	211	B/D	80.000	.212	16.942	207.803
MS09	600	B/D	98.000	.008	.787	208.590
MS09	814A	A	69.000	1.336	92.190	300.781
MS09	814A	D	89.000	.294	26.204	326.984
MS09	814A	B/D	89.000	.577	51.385	378.369
MS09	400	A	30.000	15.949	478.461	856.830
MS09	400	D	77.000	8.426	648.826	1505.656
MS09	211	A	39.000	2.526	98.530	1604.186
MS09	148	A	39.000	3.325	129.687	1733.872
MS09	VOID	A	.000	.023	.000	1733.872
MS09	148	D	80.000	.312	24.931	1758.803
MS09	121C	A	65.000	2.819	183.204	1942.008
MS09	530A	A	39.000	.001	.022	1942.030
MS09	600	D	98.000	21.753	2131.826	4073.856
MS09	111B	A	51.000	1.080	55.057	4128.913
MS09	133	A	61.000	.187	11.413	4140.326
MS09	174	A	80.000	3.500	280.028	4420.354
MS09	400	C	70.000	1.806	126.429	4546.783
MS09	191	C	74.000	4.364	322.901	4869.683
MS09	191	A	39.000	6.265	244.332	5114.015
MS09	600	A	98.000	2.560	250.906	5364.921
MS09	600	C	98.000	1.362	133.468	5498.388
MS09	221	A	43.000	.840	36.129	5534.518
MS09	131	A	77.000	1.828	140.751	5675.269
MS09	121A	A	57.000	.026	1.505	5676.774
MS09	121C	D	88.000	1.029	90.556	5767.330
MS09	213	A	39.000	3.275	127.717	5895.046
Subtotal			.000	88.228	5895.046	66.833
PA01	121C	A	65.000	.727	47.228	47.228
PA01	121B	A	61.000	16.663	1016.422	1063.650
PA01	320	A	30.000	6.267	188.017	1251.666
PA01	191	B/D	80.000	.017	1.377	1253.043
PA01	814A	A	69.000	5.989	413.271	1666.315
PA01	400	B/D	77.000	.007	.530	1666.845
PA01	121B	B/D	87.000	19.443	1691.567	3358.412
PA01	400	A	30.000	5.022	150.671	3509.083

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
PA01	121B	C	83.000	2.199	182.491	3691.575
PA01	212	C	74.000	.180	13.336	3704.910
PA01	814A	B/D	89.000	.812	72.277	3777.187
PA01	814B	A	72.000	.141	10.124	3787.311
PA01	140	B/D	95.000	.044	4.198	3791.509
PA01	121B	D	87.000	11.353	987.738	4779.247
PA01	175	A	89.000	.122	10.829	4790.076
PA01	172	A	69.000	.187	12.910	4802.986
PA01	191	C	74.000	.007	.552	4803.538
PA01	140	A	89.000	1.653	147.159	4950.696
PA01	814B	B/D	89.000	.017	1.481	4952.177
PA01	121A	A	57.000	.832	47.435	4999.612
PA01	111C	A	54.000	.423	22.841	5022.453
PA01	111B	A	51.000	.463	23.592	5046.045
PA01	400	C	70.000	.768	53.794	5099.838
PA01	212	B/D	80.000	.052	4.132	5103.970
PA01	814A	C	86.000	1.543	132.722	5236.692
PA01	140	C	94.000	.049	4.586	5241.278
Subtotal			.000	74.981	5241.278	69.901
PA02	133	A	61.000	.045	2.731	2.731
PA02	814A	A	69.000	1.327	91.556	94.287
PA02	VOID	A	.000	.001	.000	94.287
PA02	814A	C	86.000	.007	.642	94.929
PA02	530A	A	39.000	4.184	163.171	258.100
PA02	VOID	VOID	.000	.001	.000	258.100
PA02	400	A	30.000	.817	24.501	282.601
PA02	121A	A	57.000	30.447	1735.451	2018.052
PA02	121A	C	81.000	14.594	1182.133	3200.185
PA02	121C	A	65.000	.005	.298	3200.484
Subtotal			.000	51.427	3200.484	62.236
PA03	111C	A	54.000	21.905	1182.893	1182.893
PA03	140	A	89.000	.012	1.073	1183.965
PA03	320	B/D	73.000	.006	.461	1184.426
PA03	186	C	75.000	12.783	958.721	2143.147
PA03	833	C	86.000	.896	77.096	2220.243
PA03	186	B/D	81.000	.385	31.147	2251.389
PA03	320	C	65.000	.044	2.835	2254.225
PA03	175	A	89.000	.003	.306	2254.531
PA03	814A	C	86.000	1.716	147.578	2402.109
PA03	814A	A	69.000	9.180	633.411	3035.520
PA03	111A	A	46.000	.041	1.874	3037.394
PA03	111C	C	80.000	1.994	159.504	3196.899
PA03	186	A	42.000	3.586	150.606	3347.505
PA03	171	A	69.000	9.268	639.470	3986.974
PA03	530A	A	39.000	.549	21.420	4008.395

VALENCE (Version 1.10)
Copyright 1992, Streamline Technologies, Inc.

LAYER(S):I-BASINS J-LANDUSE K-SOILS

LAKES MCCOY, CORONI & PREVATT - EXISTING CONDITIONS
ORANGE COUNTY, FLORIDA
MAY 6, 1996

NAME I	NAME J	NAME K	VALUE	AREA	VAL x AREA	SUM (V x A)
PA03	813	A	68.000	.001	.078	4008.473
PA03	121A	A	57.000	.910	51.884	4060.356
PA03	191	C	74.000	.039	2.888	4063.244
PA03	814A	B/D	89.000	.561	49.955	4113.200
PA03	191	B/D	80.000	.012	.964	4114.164
PA03	140	C	94.000	.005	.486	4114.649
Subtotal			.000	63.897	4114.649	64.395
PA04	140	C	94.000	7.689	722.749	722.749
PA04	191	A	39.000	.786	30.665	753.414
PA04	174	A	80.000	.764	61.157	814.571
PA04	VOID	C	.000	.007	.000	814.571
PA04	191	C	74.000	.364	26.926	841.497
PA04	814A	C	86.000	10.443	898.104	1739.601
PA04	186	A	42.000	.147	6.171	1745.771
PA04	140	A	89.000	10.566	940.364	2686.135
PA04	240	C	86.000	3.188	274.179	2960.314
PA04	121A	C	81.000	12.447	1008.177	3968.491
PA04	121A	A	57.000	27.959	1593.638	5562.129
PA04	VOID	A	.000	.001	.000	5562.129
PA04	111C	C	80.000	11.242	899.357	6461.486
PA04	814A	A	69.000	19.355	1335.489	7796.976
PA04	111C	A	54.000	5.876	317.324	8114.300
PA04	140	VOID	.000	.002	.000	8114.300
PA04	111B	A	51.000	.708	36.090	8150.390
Subtotal			.000	111.543	8150.390	73.076
PA05	530B	B/D	95.000	.371	35.276	35.276
PA05	530B	D	95.000	4.000	379.967	415.243
Subtotal			.000	4.371	415.243	95.000
PERCPOND	520	B/D	100.000	2.645	264.520	264.520
PERCPOND	600	B/D	98.000	.013	1.237	265.758
PERCPOND	240	B/D	89.000	.007	.613	266.371
Subtotal			.000	2.665	266.371	99.962
TOTAL			.000	3675.950	240518.195	65.443

Lake McCoy, Lake Coroni, Lake Prevatt
Drainage Basin Study
Orange County, Florida

EXISTING CONDITIONS

HEC-RAS ANALYSIS

Prepared By:
PEC/Professional Engineering Consultants, Inc.
200 East Robinson Street, Suite 1560
Orlando, Florida 32801

EXISTING CONDITIONS

HEC-RAS ANALYSIS

(Parkview and Wekiva Glen Subdivision Outfall Channel)

HEC-RAS Version 1.1 January 1996
U.S. Army Corp of Engineers
Hydrologic Engineering Center
609 Second Street, Suite D
Davis, California 95616-4687
(916) 756-1104

```
X     X  XXXXXX    XXXX        XXXX       XX      XXXX
X     X  X        X    X       X   X     X  X    X
X     X  X        X            X   X    X    X   X
XXXXXXX  XXXX     X       XXX  XXXX     XXXXXX    XXXX
X     X  X        X            X  X     X    X       X
X     X  X        X    X       X   X    X    X       X
X     X  XXXXXX    XXXX        X    X   X    X   XXXXX
```

PROJECT DATA
Project Title: CREEK/DITCH - WEKIVA GLEN
Project File : oc-70b.prj
Run Date and Time: 5/2/96 11:43:46 AM

Project in English units

PLAN DATA

Plan Title: EXIST. CONDITIONS
Plan File : c:\hec\ras\data\oc-70\oc-70b.p03

Geometry Title: EXIST. CONDITIONS
Geometry File : c:\hec\ras\data\oc-70\oc-70b.p03

Flow Title : EXIST. CONDITIONS
Flow File : c:\hec\ras\data\oc-70\oc-70b.p03

Plan Summary Information:
Number of: Cross Sections = 13 Mulitple Openings = 0
Culverts = 0 Inline Weirs = 0
Bridges = 0

Computational Information
Water surface calculation tolerance = .01
Critical depth calculaton tolerance = .01
Maximum number of interations = 20
Maximum difference tolerance = .3
Flow tolerance factor = .001

Computational Flow Regime: Mixed Flow

Encroachment Data: None

Flow Distribution Locations: None

FLOW DATA

Flow Title: DOWNSTREAM RATING CURVE
Flow File : c:\hec\ras\data\oc-70\oc-70b.f01

Flow Data (cfs)

Reach	Riv Sta	PF#1	PF#2	PF#3	PF#4	PF#5	PF#6	PF#7	PF#8	PF#9	PF#10	PF#11	PF#12	PF#13	PF#14	PF#15
LP10R01A/02A	11905	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
LP10R01A/02A	10775	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
LP10R01A/02A	10570	35	70	105	140	175	210	245	280	315	350	385	420	455	490	525
LP10R01A/02A	10160	35	70	105	140	175	210	245	280	315	350	385	420	455	490	525

Boundary Conditions

Reach	Profile	Upstream	Downstream
LP10R01A/02A	1	Normal S = .0019	Rating Curve #1
LP10R01A/02A	2	Normal S = .0019	
LP10R01A/02A	3	Normal S = .0019	
LP10R01A/02A	4	Normal S = .0019	
LP10R01A/02A	5	Normal S = .0019	
LP10R01A/02A	6	Normal S = .0019	
LP10R01A/02A	7	Normal S = .0019	
LP10R01A/02A	8	Normal S = .0019	
LP10R01A/02A	9	Normal S = .0019	
LP10R01A/02A	10	Normal S = .0019	
LP10R01A/02A	11	Normal S = .0019	
LP10R01A/02A	12	Normal S = .0019	
LP10R01A/02A	13	Normal S = .0019	
LP10R01A/02A	14	Normal S = .0019	
LP10R01A/02A	15	Normal S = .0019	

Rating Curve #1

Flow (cfs)	Elev (ft)
1.8	87.2
12.4	87.73
21.1	88.01
30.7	88.28
40	88.52
60.4	88.97
80.1	89.39
100.1	89.82
125.25	90.46
150.3	91.72
168.3	92.61
191	92.83
210.8	92.91
241.8	93
271	93.07
300.2	93.13
329.1	93.19
371.1	93.26
404.4	93.31
435.8	93.36
464.3	93.4
493.2	93.44
518.8	93.47
550	93.5

GEOMETRY DATA

Geometry Title: EXISTING DITCH CROSS-SECTIONS
Geometry File : c:\hec\ras\data\oc-70\oc-70b.g02

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 11905
Description: STREAM STATION 11905

Station Elevation Data. num = 5

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	98.5	12	95.8	30	96.3	42	97	50	98

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	0	.045	50	.06

```
Bank Sta: Left   Right    Lengths: Left Channel   Right    Coeff Contr.   Expan.
            0      50              207     207     207             .1       .3

CROSS SECTION INPUT    Reach: LP10R01A/02A   River Station: 11698
Description: STREAM STATION 11698

Station Elevation Data.  num = 6
   Sta.   Elev.    Sta.   Elev.    Sta.   Elev.    Sta.   Elev.    Sta.   Elev.

     0     99       4    98.6      16    95.9      24    96.1      35    99.4
    43   99.7

Manning's n Values.  num = 3
   Sta.   Value    Sta.   Value    Sta.   Value

     0     .06       0    .045      35     .06

Bank Sta: Left   Right    Lengths: Left Channel   Right    Coeff Contr.   Expan.
            0      35              200     200     200             .1       .3

CROSS SECTION INPUT    Reach: LP10R01A/02A   River Station: 11498
Description: STREAM STATION 11498

Station Elevation Data.  num = 5
   Sta.   Elev.    Sta.   Elev.    Sta.   Elev.    Sta.   Elev.    Sta.   Elev.

     0    98.8      14    96.7      24    95.9      34    98.9      44    99.6

Manning's n Values.  num = 3
   Sta.   Value    Sta.   Value    Sta.   Value

     0     .06       0    .045      34     .06

Bank Sta: Left   Right    Lengths: Left Channel   Right    Coeff Contr.   Expan.
            0      34              100     100     100             .1       .3

CROSS SECTION INPUT    Reach: LP10R01A/02A   River Station: 11398
Description: STREAM STATION 11398

Station Elevation Data.  num = 7
   Sta.   Elev.    Sta.   Elev.    Sta.   Elev.    Sta.   Elev.    Sta.   Elev.

     0     99       9    98.4      13     97       22    96.5      33    95.9
    40   98.6      52    99.6

Manning's n Values.  num = 3
   Sta.   Value    Sta.   Value    Sta.   Value

     0     .06       9    .045      40     .06

Bank Sta: Left   Right    Lengths: Left Channel   Right    Coeff Contr.   Expan.
```

9	40		100	100	100	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 11298
Description: STREAM STATION 11298

Station Elevation Data. num = 5

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	99	10	98.3	36	95.4	47	98.6	65	99.2

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	10	.045	47	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10	47	65	118	157	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 11180
Description: STREAM STATION 11180

Station Elevation Data. num = 4

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	98.9	25	99.3	43	95.5	54	99.9

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	0	.045	54	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
0	54	200	200	200	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 10980
Description: STREAM STATION 10980

Station Elevation Data. num = 5

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	98.6	20	98.1	32	94.9	43	94.9	55	99.2

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	20	.045	55	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
20	55	100	100	100	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 10880

Description: STREAM STATION 10880

Station Elevation Data, num = 6

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	98.2	20	98.1	34	94.4	42	94.4	50	98.6
92	99								

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	20	.045	50	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
20	50	105	105	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 10775
Description: STREAM STATION 10775

Station Elevation Data, num = 8

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	97	33	96	35	95.7	53	96.1	63	92.5
74	92.5	80	97.3	120	98				

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	53	.045	80	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
53	80	205	205	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 10570
Description: STREAM STATION 10570

Station Elevation Data, num = 5

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	93.6	16	93.4	30	90.2	35	90.2	43	92.6

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	16	.045	43	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
16	43	223	210	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 10360
Description: STREAM STATION 10360

Station Elevation Data. num = 9

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	92	8	91.7	17	91.2	23	88.4	30	88.4
32	90	35	91	40	92	48	93		

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	0	.045	40	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
0	40	95	95	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 10265
Description: STREAM STATION 10265

Station Elevation Data. num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	92	5	91.9	28	88.1	36	88.3	55	90.1
58	92	81	93						

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	5	.045	58	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
5	58	105	105	.1	.3

CROSS SECTION INPUT Reach: LP10R01A/02A River Station: 10160
Description: STREAM STATION 10160

Station Elevation Data. num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	92.1	30	88.1	42	87.9	79	90.8	103	91
118	92	131	93						

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.06	0	.045	118	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
0	118	0	0	.1	.3

SUMMARY OF MANNING'S N VALUES

Reach	River Sta.	n1	n2	n3
LP10R01A/02A	11905	.06	.045	.06
LP10R01A/02A	11698	.06	.045	.06
LP10R01A/02A	11498	.06	.045	.06
LP10R01A/02A	11398	.06	.045	.06
LP10R01A/02A	11298	.06	.045	.06
LP10R01A/02A	11180	.06	.045	.06
LP10R01A/02A	10980	.06	.045	.06
LP10R01A/02A	10880	.06	.045	.06
LP10R01A/02A	10775	.06	.045	.06
LP10R01A/02A	10570	.06	.045	.06
LP10R01A/02A	10360	.06	.045	.06
LP10R01A/02A	10265	.06	.045	.06
LP10R01A/02A	10160	.06	.045	.06

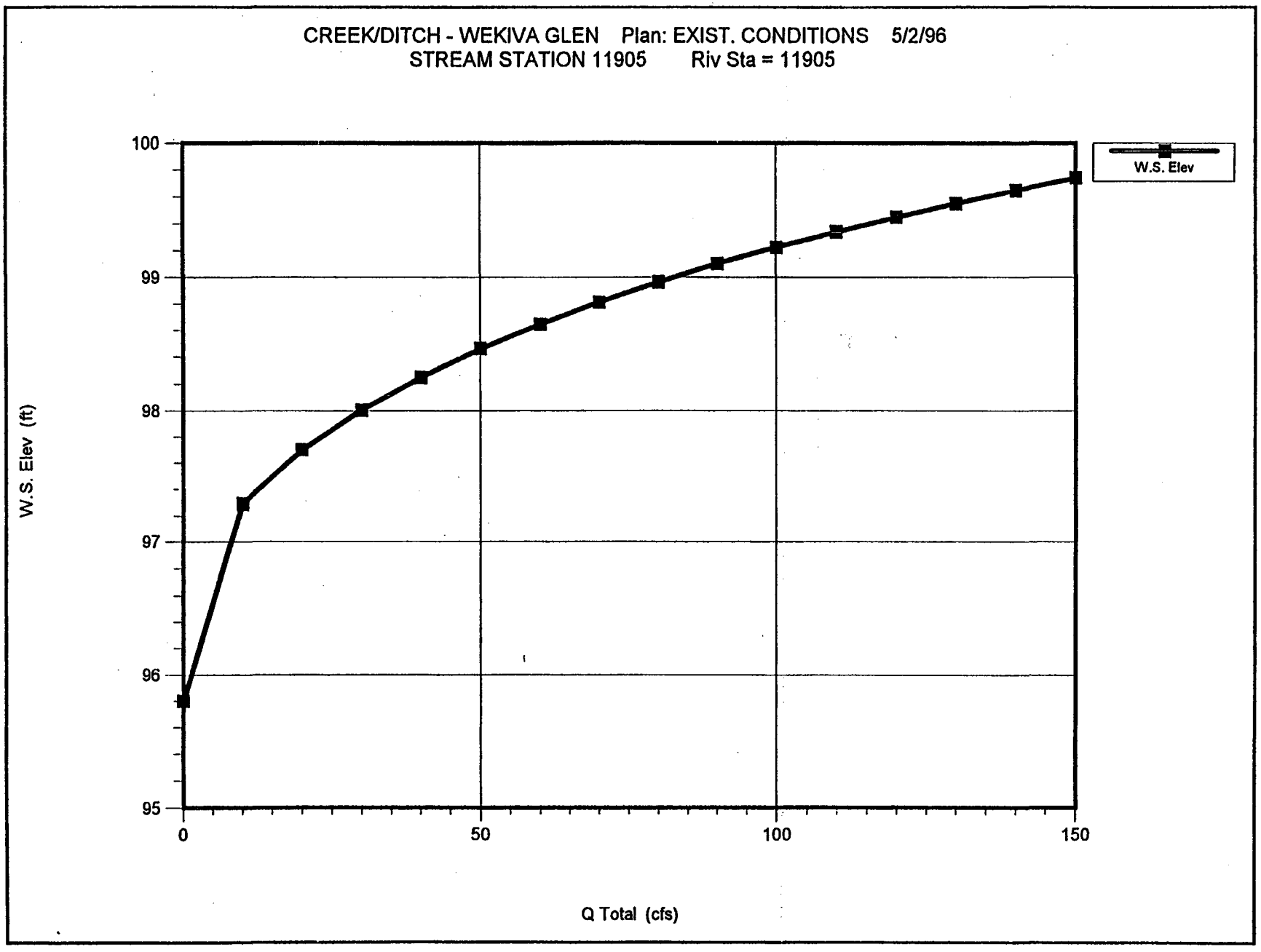
SUMMARY OF REACH LENGTHS

Reach	River Sta.	Left	Channel	Right
LP10R01A/02A	11905	207	207	207
LP10R01A/02A	11698	200	200	200
LP10R01A/02A	11498	100	100	100
LP10R01A/02A	11398	100	100	100
LP10R01A/02A	11298	65	118	157
LP10R01A/02A	11180	200	200	200
LP10R01A/02A	10980	100	100	100
LP10R01A/02A	10880	105	105	105
LP10R01A/02A	10775	205	205	205
LP10R01A/02A	10570	223	210	200
LP10R01A/02A	10360	95	95	95
LP10R01A/02A	10265	105	105	105
LP10R01A/02A	10160	0	0	0

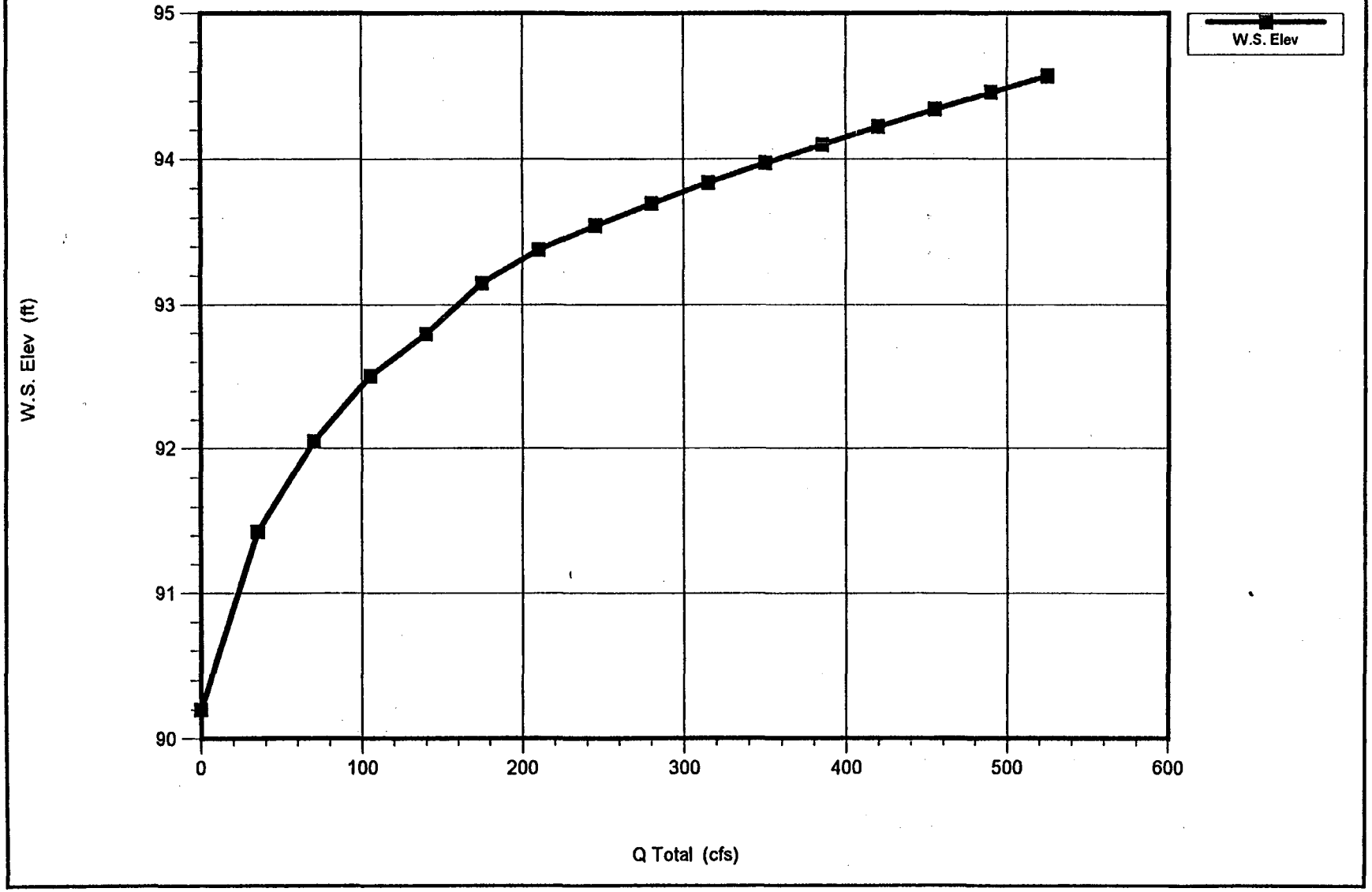
SUMMARY OF CONTRACTION AND EXPANSION COEFFICIENTS

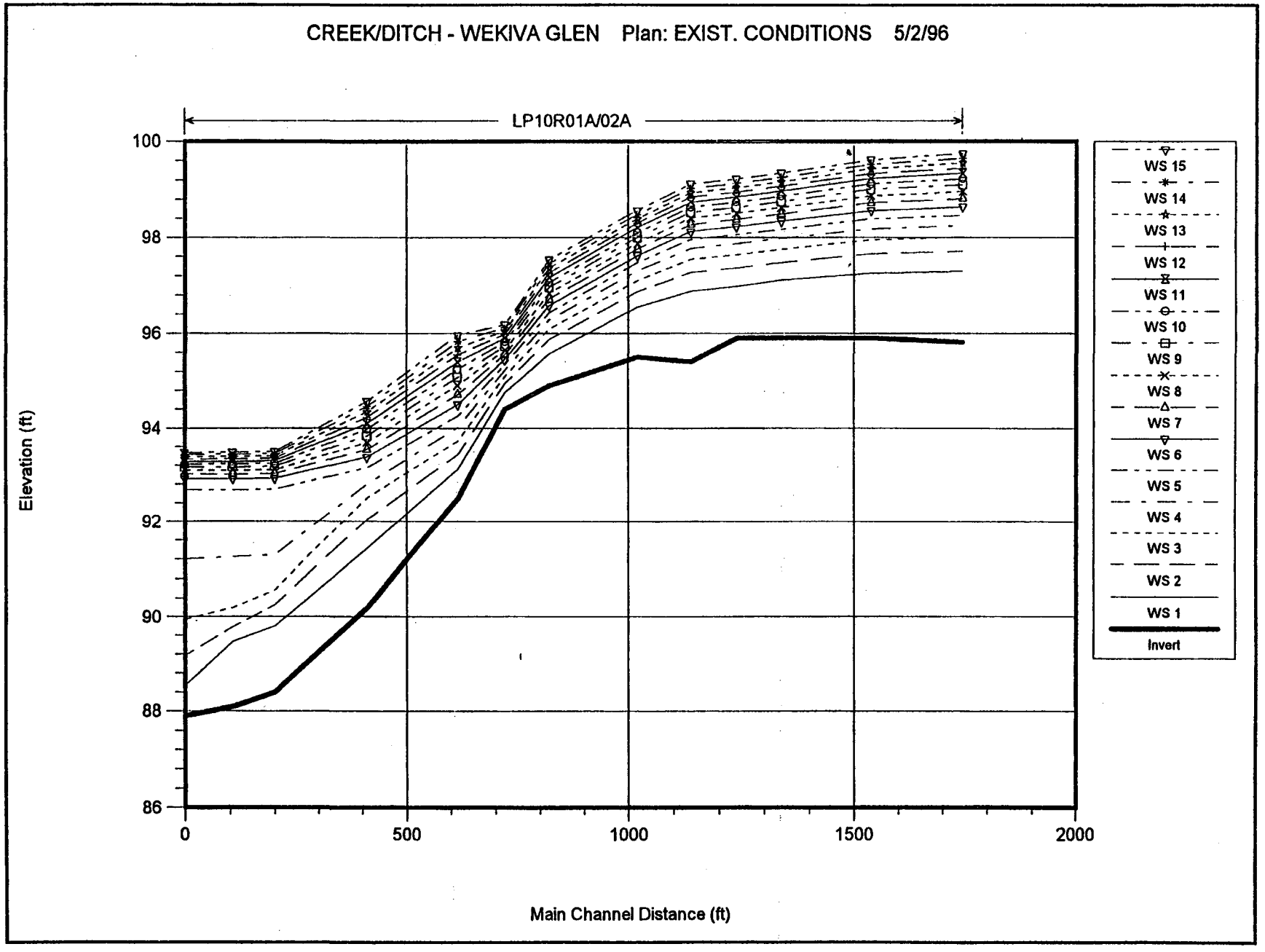
Reach	River Sta.	Contr.	Expan.
LP10R01A/02A	11905	.1	.3
LP10R01A/02A	11698	.1	.3
LP10R01A/02A	11498	.1	.3
LP10R01A/02A	11398	.1	.3
LP10R01A/02A	11298	.1	.3

LP10R01A/02A	11180	.1	.3
LP10R01A/02A	10980	.1	.3
LP10R01A/02A	10880	.1	.3
LP10R01A/02A	10775	.1	.3
LP10R01A/02A	10570	.1	.3
LP10R01A/02A	10360	.1	.3
LP10R01A/02A	10265	.1	.3
LP10R01A/02A	10160	.1	.3


CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 11905 Riv Sta = 11905
W.S. Elev
W.S. Elev (ft)
100
99
98
97
96
95
0
50
100
150
Q Total (cfs)

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10570 Riv Sta = 10570




CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
LP10R01A/02A
Elevation (ft)
100
98
96
94
92
90
88
86
0
500
1000
1500
2000
Main Channel Distance (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Invert

HEC-RAS Plan: Plan 03 Reach: LP10R01A/02A 5/2/96

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
11906	10.00	95.80	97.29	96.23	97.29	0.000084	0.28	35.33	38.96	0.05
11905	20.00	95.80	97.70	96.36	97.70	0.000107	0.38	52.39	44.07	0.06
11905	30.00	95.80	98.00	96.47	98.01	0.000123	0.45	66.28	47.80	0.07
11905	40.00	95.80	98.25	96.55	98.25	0.000131	0.51	78.09	48.88	0.07
11905	50.00	95.80	98.46	96.62	98.46	0.000139	0.57	88.45	49.82	0.07
11905	60.00	95.80	98.64	96.69	98.65	0.000146	0.61	97.67	50.00	0.08
11905	70.00	95.80	98.81	96.75	98.82	0.000152	0.66	106.15	50.00	0.08
11905	80.00	95.80	98.96	96.81	98.97	0.000159	0.70	113.74	50.00	0.08
11905	90.00	95.80	99.10	96.87	99.11	0.000166	0.75	120.68	50.00	0.08
11905	100.00	95.80	99.23	96.92	99.24	0.000175	0.79	126.80	50.00	0.09
11905	110.00	95.80	99.34	96.97	99.35	0.000185	0.83	132.45	50.00	0.09
11905	120.00	95.80	99.45	97.01	99.46	0.000193	0.87	137.84	50.00	0.09
11905	130.00	95.80	99.55	97.05	99.56	0.000202	0.91	142.95	50.00	0.09
11905	140.00	95.80	99.65	97.09	99.66	0.000210	0.95	147.83	50.00	0.10
11905	150.00	95.80	99.74	97.14	99.76	0.000219	0.98	152.52	50.00	0.10
11698	10.00	95.90	97.25	96.34	97.26	0.000398	0.61	16.32	17.86	0.11
11698	20.00	95.90	97.65	96.52	97.66	0.000544	0.83	24.02	20.95	0.14
11698	30.00	95.90	97.94	96.67	97.96	0.000637	0.98	30.47	23.22	0.15
11698	40.00	95.90	98.18	96.79	98.20	0.000707	1.11	36.19	25.06	0.16
11698	50.00	95.90	98.38	96.90	98.41	0.000763	1.21	41.45	26.64	0.17
11698	60.00	95.90	98.56	97.00	98.59	0.000812	1.29	46.33	28.03	0.18
11698	70.00	95.90	98.73	97.09	98.75	0.000874	1.37	51.08	30.01	0.19
11698	80.00	95.90	98.87	97.18	98.90	0.000934	1.44	55.61	31.96	0.19
11698	90.00	95.90	99.01	97.26	99.04	0.000984	1.50	60.00	33.68	0.20
11698	100.00	95.90	99.12	97.34	99.16	0.001001	1.56	63.98	34.08	0.20
11698	110.00	95.90	99.23	97.41	99.27	0.001024	1.63	67.66	34.43	0.20
11698	120.00	95.90	99.33	97.48	99.38	0.001045	1.69	71.21	34.78	0.21
11698	130.00	95.90	99.43	97.55	99.48	0.001063	1.74	74.61	35.80	0.21
11698	140.00	95.90	99.52	97.61	99.57	0.001073	1.80	78.05	38.28	0.21

HEC-RAS Plan: Plan 03 Reach: LP10R01A/02A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
11498	150.00	95.90	99.61	97.67	99.67	0.001083	1.85	81.58	40.66	0.21
11498	10.00	95.90	97.12	96.53	97.13	0.001287	0.89	11.19	16.82	0.19
11498	20.00	95.90	97.48	96.73	97.50	0.001392	1.12	17.91	20.43	0.21
11498	30.00	95.90	97.75	96.87	97.77	0.001424	1.26	23.86	23.16	0.22
11498	40.00	95.90	97.97	96.98	98.00	0.001447	1.37	29.29	25.39	0.22
11498	50.00	95.90	98.17	97.09	98.20	0.001463	1.45	34.37	27.32	0.23
11498	60.00	95.90	98.34	97.19	98.37	0.001477	1.53	39.17	29.02	0.23
11498	70.00	95.90	98.49	97.27	98.53	0.001490	1.60	43.75	30.56	0.24
11498	80.00	95.90	98.63	97.36	98.67	0.001516	1.67	47.98	31.92	0.24
11498	90.00	95.90	98.75	97.43	98.80	0.001542	1.73	52.03	33.16	0.24
11498	100.00	95.90	98.86	97.50	98.91	0.001549	1.79	55.87	33.88	0.25
11498	110.00	95.90	98.97	97.57	99.02	0.001540	1.85	59.45	34.98	0.25
11498	120.00	95.90	99.07	97.63	99.13	0.001526	1.91	63.04	36.41	0.25
11498	130.00	95.90	99.16	97.70	99.22	0.001519	1.97	66.57	37.77	0.25
11498	140.00	95.90	99.26	97.76	99.32	0.001512	2.02	70.10	39.08	0.25
11498	150.00	95.90	99.34	97.81	99.41	0.001509	2.07	73.59	40.34	0.25
11398	10.00	95.90	96.98	96.46	96.99	0.001408	0.82	12.21	22.48	0.20
11398	20.00	95.90	97.36	96.64	97.38	0.001021	0.94	21.24	24.82	0.18
11398	30.00	95.90	97.64	96.77	97.66	0.000955	1.06	28.33	26.33	0.18
11398	40.00	95.90	97.86	96.88	97.88	0.000952	1.16	34.34	27.55	0.18
11398	50.00	95.90	98.05	96.97	98.08	0.000964	1.26	39.73	28.60	0.19
11398	60.00	95.90	98.22	97.05	98.25	0.000985	1.34	44.62	29.51	0.19
11398	70.00	95.90	98.37	97.11	98.41	0.001008	1.42	49.17	30.34	0.20
11398	80.00	95.90	98.51	97.18	98.54	0.001030	1.50	53.31	32.36	0.20
11398	90.00	95.90	98.63	97.24	98.67	0.001047	1.58	57.40	34.79	0.21
11398	100.00	95.90	98.74	97.30	98.78	0.001056	1.65	61.52	37.85	0.21
11398	110.00	95.90	98.85	97.35	98.89	0.001070	1.72	65.59	40.65	0.21
11398	120.00	95.90	98.95	97.41	99.00	0.001079	1.78	69.81	43.36	0.21

HEC-RAS Plan: Plan 03 Reach: LP10R01A/02A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
11398	130.00	95.90	99.04	97.46	99.09	0.001087	1.84	74.04	45.30	0.22
11398	140.00	95.90	99.13	97.51	99.19	0.001092	1.89	78.27	46.41	0.22
11398	150.00	95.90	99.22	97.55	99.28	0.001097	1.95	82.40	47.46	0.22
11298	10.00	95.40	96.88	96.09	96.89	0.000754	0.73	13.61	18.38	0.15
11298	20.00	95.40	97.27	96.31	97.28	0.000880	0.93	21.61	23.15	0.17
11298	30.00	95.40	97.54	96.47	97.56	0.000947	1.05	28.49	26.59	0.18
11298	40.00	95.40	97.76	96.60	97.79	0.000996	1.15	34.68	29.33	0.19
11298	50.00	95.40	97.95	96.71	97.98	0.001031	1.24	40.47	31.69	0.19
11298	60.00	95.40	98.12	96.82	98.15	0.001061	1.31	45.92	33.75	0.20
11298	70.00	95.40	98.27	96.91	98.30	0.001084	1.37	51.12	35.61	0.20
11298	80.00	95.40	98.40	96.99	98.44	0.001080	1.43	55.98	37.81	0.20
11298	90.00	95.40	98.53	97.07	98.56	0.001073	1.49	60.73	39.97	0.20
11298	100.00	95.40	98.64	97.14	98.68	0.001066	1.55	65.42	43.05	0.21
11298	110.00	95.40	98.74	97.21	98.78	0.001058	1.60	70.15	47.66	0.21
11298	120.00	95.40	98.85	97.27	98.89	0.001048	1.65	75.20	52.14	0.21
11298	130.00	95.40	98.94	97.33	98.98	0.001039	1.70	80.38	56.38	0.21
11298	140.00	95.40	99.03	97.39	99.08	0.001028	1.74	85.82	60.02	0.21
11298	150.00	95.40	99.12	97.45	99.17	0.001016	1.78	91.30	62.70	0.21
11180	10.00	95.50	96.55	96.36	96.65	0.014593	2.52	3.96	7.58	0.61
11180	20.00	95.50	96.87	96.63	97.00	0.014162	2.97	6.74	9.88	0.63
11180	30.00	95.50	97.10	96.83	97.26	0.013581	3.23	9.28	11.59	0.64
11180	40.00	95.50	97.30	97.00	97.48	0.013033	3.42	11.70	13.01	0.64
11180	50.00	95.50	97.47	97.13	97.67	0.012537	3.56	14.03	14.25	0.63
11180	60.00	95.50	97.62	97.26	97.83	0.012267	3.70	16.22	15.32	0.63
11180	70.00	95.50	97.75	97.37	97.98	0.012013	3.81	18.35	16.30	0.63
11180	80.00	95.50	97.88	97.48	98.11	0.011784	3.91	20.43	17.20	0.63
11180	90.00	95.50	97.99	97.57	98.24	0.011578	4.01	22.47	18.03	0.63
11180	100.00	95.50	98.10	97.66	98.36	0.011389	4.09	24.47	18.82	0.63

HEC-RAS Plan: Plan 03 Reach: LP10R01A/02A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
11180	110.00	95.50	98.20	97.75	98.47	0.011204	4.16	26.44	19.56	0.63
11180	120.00	95.50	98.30	97.82	98.58	0.011066	4.23	28.36	20.26	0.63
11180	130.00	95.50	98.39	97.89	98.68	0.010983	4.30	30.20	20.91	0.63
11180	140.00	95.50	98.48	97.96	98.77	0.010823	4.36	32.10	21.55	0.63
11180	150.00	95.50	98.56	98.03	98.87	0.010677	4.41	33.98	22.18	0.63
10980	10.00	94.90	95.56	95.19	95.58	0.002642	1.15	8.68	15.31	0.27
10980	20.00	94.90	95.86	95.35	95.89	0.002810	1.47	13.57	17.28	0.29
10980	30.00	94.90	96.09	95.48	96.13	0.002942	1.70	17.66	18.76	0.31
10980	40.00	94.90	96.27	95.59	96.33	0.003069	1.88	21.27	19.98	0.32
10980	50.00	94.90	96.43	95.69	96.50	0.003201	2.04	24.51	21.01	0.33
10980	60.00	94.90	96.58	95.78	96.65	0.003254	2.16	27.72	21.99	0.34
10980	70.00	94.90	96.72	95.87	96.80	0.003305	2.28	30.76	22.88	0.35
10980	80.00	94.90	96.84	95.95	96.93	0.003354	2.38	33.65	23.69	0.35
10980	90.00	94.90	96.96	96.03	97.05	0.003398	2.47	36.44	24.45	0.36
10980	100.00	94.90	97.06	96.10	97.17	0.003443	2.56	39.12	25.15	0.36
10980	110.00	94.90	97.16	96.17	97.27	0.003499	2.64	41.65	25.80	0.37
10980	120.00	94.90	97.26	96.24	97.38	0.003518	2.71	44.26	26.46	0.37
10980	130.00	94.90	97.36	96.30	97.48	0.003538	2.78	46.80	27.08	0.37
10980	140.00	94.90	97.45	96.37	97.57	0.003559	2.84	49.28	27.67	0.38
10980	150.00	94.90	97.54	96.42	97.67	0.003580	2.90	51.69	28.23	0.38
10880	10.00	94.40	94.75	94.75	94.91	0.045819	3.22	3.11	9.97	1.02
10880	20.00	94.40	94.94	94.94	95.17	0.039494	3.89	5.14	11.07	1.01
10880	30.00	94.40	95.09	95.09	95.39	0.036876	4.34	6.91	11.94	1.01
10880	40.00	94.40	95.23	95.23	95.57	0.035232	4.68	8.54	12.70	1.01
10880	50.00	94.40	95.34	95.34	95.73	0.034027	4.96	10.08	13.37	1.01
10880	60.00	94.40	95.45	95.45	95.87	0.033028	5.19	11.56	13.98	1.01
10880	70.00	94.40	95.55	95.55	96.00	0.032279	5.39	12.98	14.55	1.01
10880	80.00	94.40	95.64	95.64	96.13	0.031633	5.57	14.36	15.08	1.01

HEC-RAS Plan: Plan 03 Reach: LP10R01A/02A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
10880	90.00	94.40	95.73	95.73	96.24	0.031078	5.73	15.71	15.58	1.01
10880	100.00	94.40	95.82	95.82	96.35	0.030434	5.87	17.05	16.06	1.00
10880	110.00	94.40	95.90	95.90	96.45	0.030050	6.00	18.33	16.51	1.00
10880	120.00	94.40	95.97	95.97	96.55	0.029690	6.13	19.59	16.94	1.00
10880	130.00	94.40	96.04	96.04	96.65	0.029375	6.24	20.82	17.35	1.00
10880	140.00	94.40	96.11	96.11	96.74	0.029088	6.35	22.03	17.74	1.00
10880	150.00	94.40	96.18	96.18	96.83	0.028825	6.46	23.23	18.12	1.01
10775	10.00	92.50	93.12	92.79	93.15	0.003498	1.31	7.62	13.50	0.31
10775	20.00	92.50	93.43	92.96	93.48	0.003505	1.67	12.00	14.75	0.33
10775	30.00	92.50	93.73	93.09	93.78	0.003035	1.81	16.53	15.94	0.31
10775	40.00	92.50	94.02	93.21	94.07	0.002567	1.88	21.29	17.10	0.30
10775	50.00	92.50	94.25	93.32	94.31	0.002382	1.96	25.49	18.07	0.29
10775	60.00	92.50	94.50	93.41	94.56	0.002144	2.00	30.03	19.05	0.28
10775	70.00	92.50	94.71	93.51	94.78	0.002010	2.05	34.23	19.92	0.27
10775	80.00	92.50	94.91	93.60	94.98	0.001932	2.10	38.14	20.69	0.27
10775	90.00	92.50	95.08	93.68	95.15	0.001884	2.15	41.85	21.40	0.27
10775	100.00	92.50	95.25	93.76	95.32	0.001848	2.20	45.42	22.06	0.27
10775	110.00	92.50	95.40	93.83	95.48	0.001819	2.25	48.90	22.69	0.27
10775	120.00	92.50	95.55	93.91	95.63	0.001794	2.29	52.30	23.29	0.27
10775	130.00	92.50	95.69	93.98	95.78	0.001772	2.34	55.65	23.86	0.27
10775	140.00	92.50	95.83	94.05	95.92	0.001749	2.37	59.38	31.10	0.27
10775	150.00	92.50	95.96	94.11	96.05	0.001722	2.40	63.95	38.43	0.27
10570	35.00	90.20	91.43	91.10	91.56	0.010409	2.92	11.97	14.47	0.57
10570	70.00	90.20	92.05	91.51	92.20	0.007523	3.12	22.44	19.26	0.51
10570	105.00	90.20	92.50	91.81	92.67	0.006499	3.28	31.99	22.76	0.49
10570	140.00	90.20	92.80	92.07	93.00	0.006652	3.60	38.91	24.36	0.50
10570	175.00	90.20	93.15	92.28	93.36	0.005803	3.67	47.74	25.90	0.48
10570	210.00	90.20	93.38	92.47	93.62	0.005948	3.90	53.83	26.91	0.49

HEC-RAS Plan: Plan 03 Reach: LP10R01A/02A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
10570	245.00	90.20	93.55	92.65	93.82	0.006263	4.20	59.16	38.60	0.50
10570	280.00	90.20	93.70	92.80	94.00	0.006495	4.45	65.52	43.00	0.52
10570	315.00	90.20	93.84	92.94	94.17	0.006657	4.68	71.63	43.00	0.53
10570	350.00	90.20	93.97	93.08	94.33	0.006785	4.88	77.42	43.00	0.53
10570	385.00	90.20	94.10	93.21	94.49	0.006895	5.06	82.92	43.00	0.54
10570	420.00	90.20	94.22	93.33	94.63	0.006984	5.23	88.22	43.00	0.55
10570	455.00	90.20	94.34	93.46	94.77	0.007061	5.39	93.33	43.00	0.55
10570	490.00	90.20	94.46	93.67	94.91	0.007130	5.55	98.26	43.00	0.56
10570	525.00	90.20	94.57	93.80	95.04	0.007196	5.69	103.02	43.00	0.56
10360	35.00	88.40	89.80	89.25	89.91	0.006126	2.66	13.14	11.75	0.44
10360	70.00	88.40	90.26	89.70	90.47	0.008983	3.69	18.95	13.77	0.55
10360	105.00	88.40	90.57	90.06	90.88	0.011431	4.47	23.50	15.37	0.64
10360	140.00	88.40	91.29	90.37	91.52	0.007398	3.90	35.94	21.00	0.52
10360	175.00	88.40	92.69	90.64	92.75	0.001531	2.06	86.55	45.50	0.25
10360	210.00	88.40	92.92	90.88	92.99	0.001559	2.22	97.26	47.35	0.25
10360	245.00	88.40	93.02	91.08	93.11	0.001839	2.47	102.14	48.00	0.28
10360	280.00	88.40	93.10	91.41	93.22	0.002147	2.73	106.08	48.00	0.30
10360	315.00	88.40	93.18	91.63	93.31	0.002466	2.97	109.60	48.00	0.32
10360	350.00	88.40	93.24	91.85	93.40	0.002800	3.22	112.73	48.00	0.35
10360	385.00	88.40	93.30	91.98	93.48	0.003153	3.46	115.46	48.00	0.37
10360	420.00	88.40	93.35	92.08	93.56	0.003508	3.70	118.08	48.00	0.39
10360	455.00	88.40	93.41	92.17	93.64	0.003864	3.93	120.60	48.00	0.41
10360	490.00	88.40	93.45	92.25	93.72	0.004229	4.15	122.95	48.00	0.43
10360	525.00	88.40	93.49	92.33	93.79	0.004629	4.38	124.90	48.00	0.45
10265	35.00	88.10	89.47	88.87	89.51	0.002839	1.52	23.07	28.65	0.30
10265	70.00	88.10	89.79	89.17	89.86	0.004342	2.13	32.93	33.88	0.38
10265	105.00	88.10	90.20	89.39	90.27	0.003416	2.18	48.16	39.83	0.35
10265	140.00	88.10	91.25	89.58	91.28	0.000830	1.48	94.46	47.89	0.19

HEC-RAS Plan: Plan 03 Reach: LP10R01A/02A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
10265	175.00	88.10	92.68	89.75	92.70	0.000212	1.03	177.41	73.62	0.10
10265	210.00	88.10	92.91	89.89	92.93	0.000238	1.14	195.05	78.94	0.11
10265	245.00	88.10	93.01	90.01	93.04	0.000292	1.29	203.16	81.00	0.12
10265	280.00	88.10	93.09	90.13	93.12	0.000351	1.43	209.73	81.00	0.13
10265	315.00	88.10	93.17	90.23	93.20	0.000413	1.58	215.61	81.00	0.15
10265	350.00	88.10	93.23	90.33	93.27	0.000478	1.72	220.82	81.00	0.16
10265	385.00	88.10	93.29	90.42	93.34	0.000548	1.85	225.38	81.00	0.17
10265	420.00	88.10	93.34	90.51	93.40	0.000619	1.99	229.76	81.00	0.18
10265	455.00	88.10	93.39	90.60	93.46	0.000691	2.12	233.99	81.00	0.19
10265	490.00	88.10	93.44	90.68	93.52	0.000765	2.25	237.93	81.00	0.20
10265	525.00	88.10	93.48	90.77	93.57	0.000846	2.38	241.20	81.00	0.21
10160	35.00	87.90	88.53	88.53	88.74	0.040660	3.67	9.53	23.22	1.01
10160	70.00	87.90	89.17	88.79	89.27	0.007423	2.43	28.79	36.32	0.48
10160	105.00	87.90	89.94	88.98	89.99	0.002003	1.67	62.77	51.92	0.27
10160	140.00	87.90	91.20	89.15	91.22	0.000457	0.93	150.58	99.29	0.13
10160	175.00	87.90	92.67	89.29	92.68	0.000076	0.55	319.55	126.77	0.06
10160	210.00	87.90	92.91	89.41	92.91	0.000083	0.61	349.29	129.79	0.06
10160	245.00	87.90	93.01	89.54	93.01	0.000100	0.69	362.45	131.00	0.07
10160	280.00	87.90	93.09	89.65	93.10	0.000120	0.76	373.04	131.00	0.08
10160	315.00	87.90	93.16	89.74	93.17	0.000140	0.84	382.51	131.00	0.08
10160	350.00	87.90	93.22	89.84	93.24	0.000162	0.91	390.90	131.00	0.09
10160	385.00	87.90	93.28	89.92	93.30	0.000185	0.98	398.24	131.00	0.10
10160	420.00	87.90	93.33	90.00	93.35	0.000209	1.06	405.31	131.00	0.10
10160	455.00	87.90	93.39	90.08	93.41	0.000232	1.13	412.14	131.00	0.11
10160	490.00	87.90	93.44	90.16	93.46	0.000257	1.19	418.51	131.00	0.11
10160	525.00	87.90	93.48	90.23	93.50	0.000283	1.26	423.80	131.00	0.12

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 11905 Profile: 1 5/2/96

W.S. Elev (ft)	97.29	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.		0.045	
E.G. Elev (ft)	97.29	Reach Len. (ft)	207.00	207.00	207.00
E.G. Slope (ft/ft)	0.000084	Flow Area (sq ft)		35.33	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	38.96	Top Width (ft)		38.96	
Vel Total (ft/s)	0.28	Avg. Vel. (ft/s)		0.28	
Max Chl Dpth (ft)	1.49	Hydr. Depth (ft)		0.91	
Crit W.S. (ft)	96.23	Wetted Per. (ft)		39.17	
Conv. Total (cfs)	1089.2	Conv. (cfs)		1089.2	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 11698 Profile: 1 5/2/96

W.S. Elev (ft)	97.25	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.		0.045	
E.G. Elev (ft)	97.26	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.000398	Flow Area (sq ft)		16.32	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	17.86	Top Width (ft)		17.86	
Vel Total (ft/s)	0.61	Avg. Vel. (ft/s)		0.61	
Max Chl Dpth (ft)	1.35	Hydr. Depth (ft)		0.91	
Crit W.S. (ft)	96.34	Wetted Per. (ft)		18.19	
Conv. Total (cfs)	501.5	Conv. (cfs)		501.5	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 11498 Profile: 1 5/2/96

W.S. Elev (ft)	97.12	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.		0.045	
E.G. Elev (ft)	97.13	Reach Len. (ft)	100.00	100.00	100.00
E.G. Slope (ft/ft)	0.001287	Flow Area (sq ft)		11.19	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	16.82	Top Width (ft)		16.82	
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)		0.89	
Max Chl Dpth (ft)	1.22	Hydr. Depth (ft)		0.67	
Crit W.S. (ft)	96.53	Wetted Per. (ft)		17.06	
Conv. Total (cfs)	278.8	Conv. (cfs)		278.8	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 11398 Profile: 1 5/2/96

W.S. Elev (ft)	96.98	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.		0.045	
E.G. Elev (ft)	96.99	Reach Len. (ft)	100.00	100.00	100.00
E.G. Slope (ft/ft)	0.001408	Flow Area (sq ft)		12.21	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	22.48	Top Width (ft)		22.48	
Vel Total (ft/s)	0.82	Avg. Vel. (ft/s)		0.82	
Max Chl Dpth (ft)	1.08	Hydr. Depth (ft)		0.54	
Crit W.S. (ft)	96.46	Wetted Per. (ft)		22.71	
Conv. Total (cfs)	266.5	Conv. (cfs)		266.5	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 11298 Profile: 1 5/2/96

W.S. Elev (ft)	96.88	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.		0.045	
E.G. Elev (ft)	96.89	Reach Len. (ft)	65.00	118.00	157.00
E.G. Slope (ft/ft)	0.000754	Flow Area (sq ft)		13.61	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	18.38	Top Width (ft)		18.38	
Vel Total (ft/s)	0.73	Avg. Vel. (ft/s)		0.73	
Max Chl Dpth (ft)	1.48	Hydr. Depth (ft)		0.74	
Crit W.S. (ft)	96.09	Wetted Per. (ft)		18.67	
Conv. Total (cfs)	364.2	Conv. (cfs)		364.2	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 11180 Profile: 1 5/2/96

W.S. Elev (ft)	96.55	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.10	Wt. n-Val.		0.045	
E.G. Elev (ft)	96.65	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.014593	Flow Area (sq ft)		3.96	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	7.58	Top Width (ft)		7.58	
Vel Total (ft/s)	2.52	Avg. Vel. (ft/s)		2.52	
Max Chl Dpth (ft)	1.05	Hydr. Depth (ft)		0.52	
Crit W.S. (ft)	96.36	Wetted Per. (ft)		7.89	
Conv. Total (cfs)	82.8	Conv. (cfs)		82.8	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 10980 Profile: 1 5/2/96

W.S. Elev (ft)	95.56	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.		0.045	
E.G. Elev (ft)	95.58	Reach Len. (ft)	100.00	100.00	100.00
E.G. Slope (ft/ft)	0.002642	Flow Area (sq ft)		8.68	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	15.31	Top Width (ft)		15.31	
Vel Total (ft/s)	1.15	Avg. Vel. (ft/s)		1.15	
Max Chl Dpth (ft)	0.66	Hydr. Depth (ft)		0.57	
Crit W.S. (ft)	95.19	Wetted Per. (ft)		15.52	
Conv. Total (cfs)	194.5	Conv. (cfs)		194.5	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 10880 Profile: 1 5/2/96

W.S. Elev (ft)	94.75	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.16	Wt. n-Val.		0.045	
E.G. Elev (ft)	94.91	Reach Len. (ft)	105.00	105.00	105.00
E.G. Slope (ft/ft)	0.045819	Flow Area (sq ft)		3.11	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	9.97	Top Width (ft)		9.97	
Vel Total (ft/s)	3.22	Avg. Vel. (ft/s)		3.22	
Max Chl Dpth (ft)	0.35	Hydr. Depth (ft)		0.31	
Crit W.S. (ft)	94.75	Wetted Per. (ft)		10.10	
Conv. Total (cfs)	46.7	Conv. (cfs)		46.7	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 10775 Profile: 1 5/2/96

W.S. Elev (ft)	93.12	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.		0.045	
E.G. Elev (ft)	93.15	Reach Len. (ft)	205.00	205.00	205.00
E.G. Slope (ft/ft)	0.003498	Flow Area (sq ft)		7.62	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	13.50	Top Width (ft)		13.50	
Vel Total (ft/s)	1.31	Avg. Vel. (ft/s)		1.31	
Max Chl Dpth (ft)	0.62	Hydr. Depth (ft)		0.56	
Crit W.S. (ft)	92.79	Wetted Per. (ft)		13.83	
Conv. Total (cfs)	169.1	Conv. (cfs)		169.1	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 10570 Profile: 1 5/2/96

W.S. Elev (ft)	91.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.13	Wt. n-Val.		0.045	
E.G. Elev (ft)	91.56	Reach Len. (ft)	223.00	210.00	200.00
E.G. Slope (ft/ft)	0.010409	Flow Area (sq ft)		11.97	
Q Total (cfs)	35.00	Flow (cfs)		35.00	
Top Width (ft)	14.47	Top Width (ft)		14.47	
Vel Total (ft/s)	2.92	Avg. Vel. (ft/s)		2.92	
Max Chl Dpth (ft)	1.23	Hydr. Depth (ft)		0.83	
Crit W.S. (ft)	91.10	Wetted Per. (ft)		14.79	
Conv. Total (cfs)	343.1	Conv. (cfs)		343.1	

Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 10360 Profile: 1 5/2/96

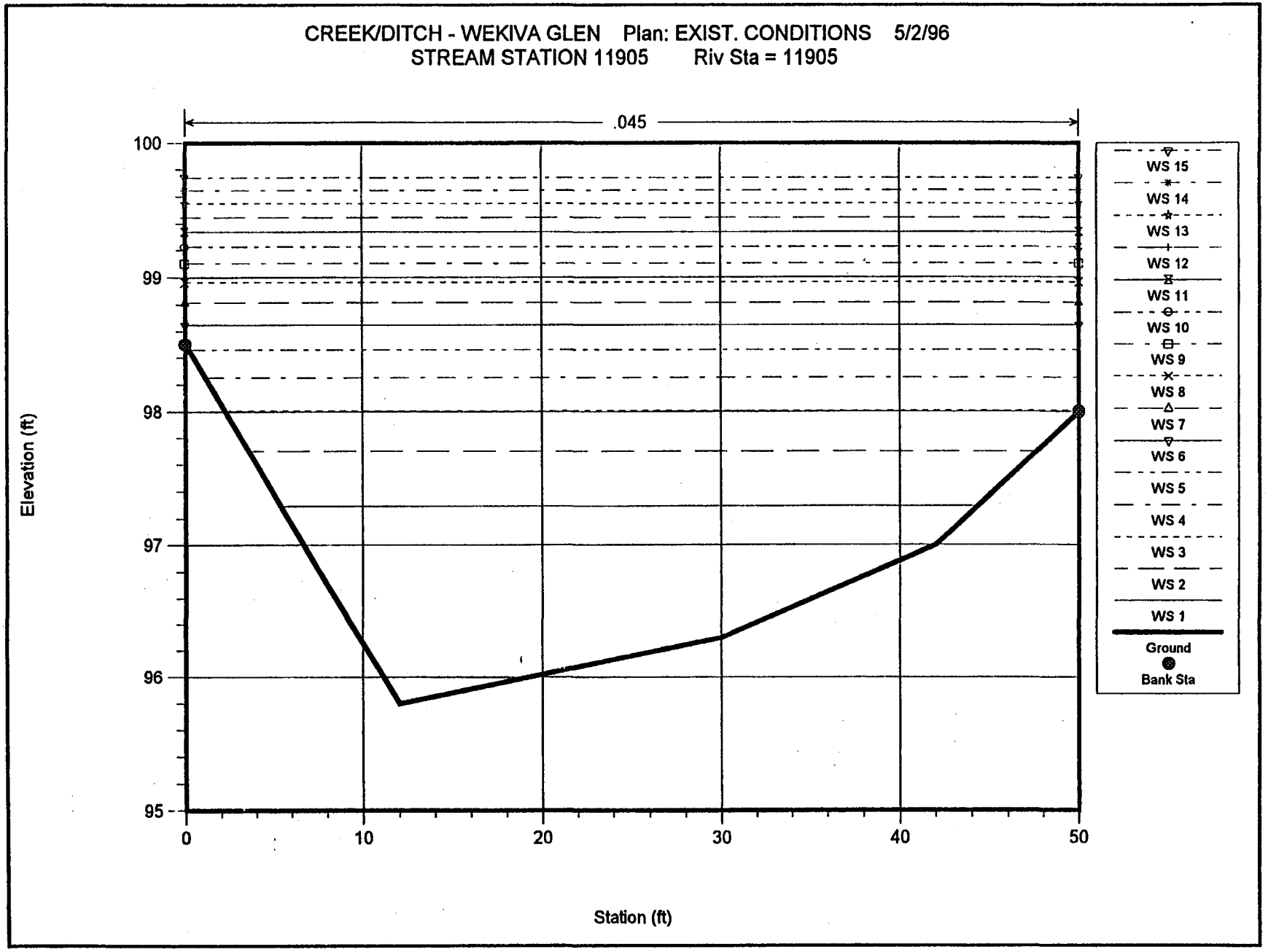
W.S. Elev (ft)	89.80	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.11	Wt. n-Val.		0.045	
E.G. Elev (ft)	89.91	Reach Len. (ft)	95.00	95.00	95.00
E.G. Slope (ft/ft)	0.006126	Flow Area (sq ft)		13.14	
Q Total (cfs)	35.00	Flow (cfs)		35.00	
Top Width (ft)	11.75	Top Width (ft)		11.75	
Vel Total (ft/s)	2.66	Avg. Vel. (ft/s)		2.66	
Max Chl Dpth (ft)	1.40	Hydr. Depth (ft)		1.12	
Crit W.S. (ft)	89.25	Wetted Per. (ft)		12.56	
Conv. Total (cfs)	447.2	Conv. (cfs)		447.2	

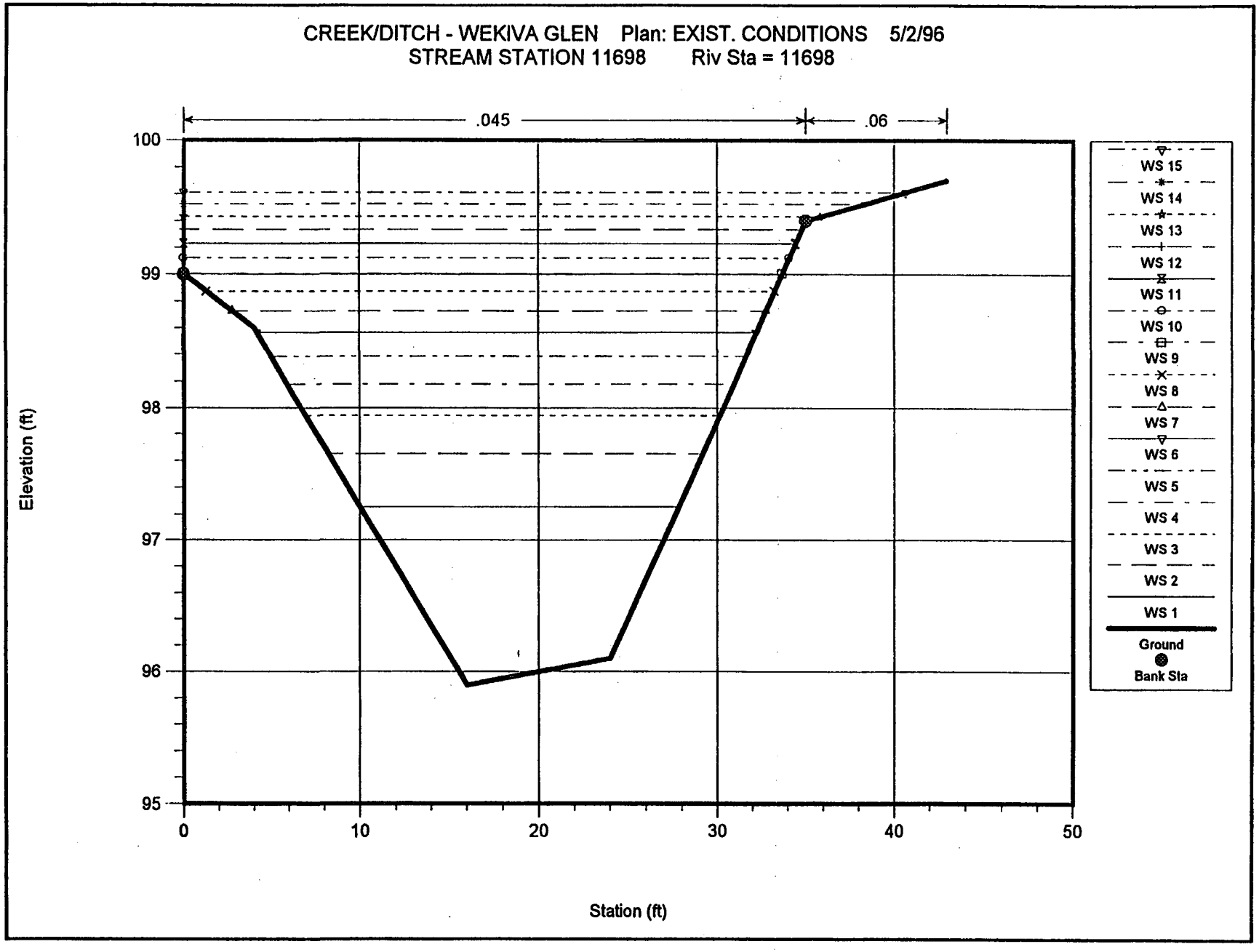
Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 10265 Profile: 1 5/2/96

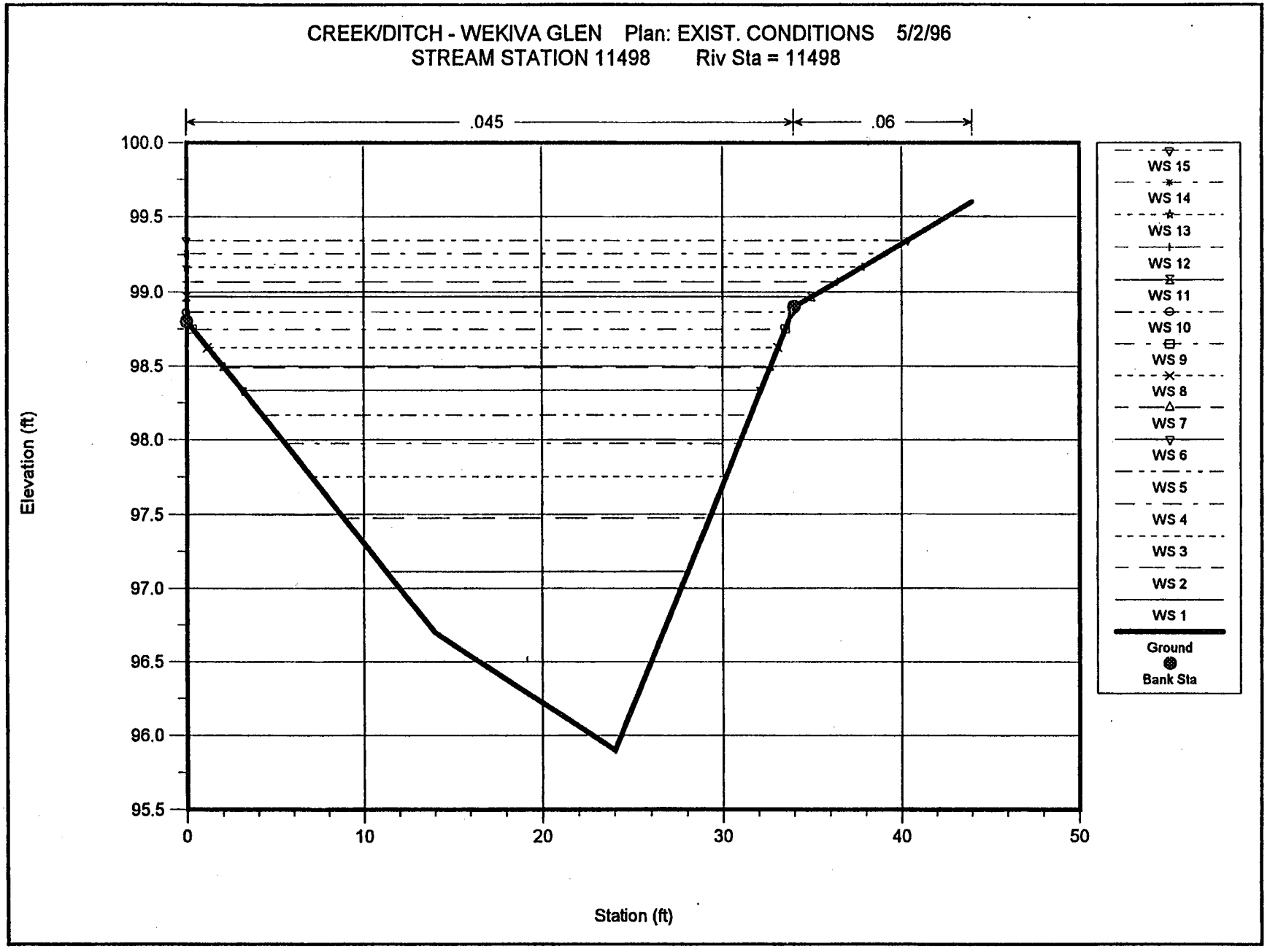
W.S. Elev (ft)	89.47	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.		0.045	
E.G. Elev (ft)	89.51	Reach Len. (ft)	105.00	105.00	105.00
E.G. Slope (ft/ft)	0.002839	Flow Area (sq ft)		23.07	
Q Total (cfs)	35.00	Flow (cfs)		35.00	
Top Width (ft)	28.65	Top Width (ft)		28.65	
Vel Total (ft/s)	1.52	Avg. Vel. (ft/s)		1.52	
Max Chl Dpth (ft)	1.37	Hydr. Depth (ft)		0.81	
Crit W.S. (ft)	88.87	Wetted Per. (ft)		28.82	
Conv. Total (cfs)	656.9	Conv. (cfs)		656.9	

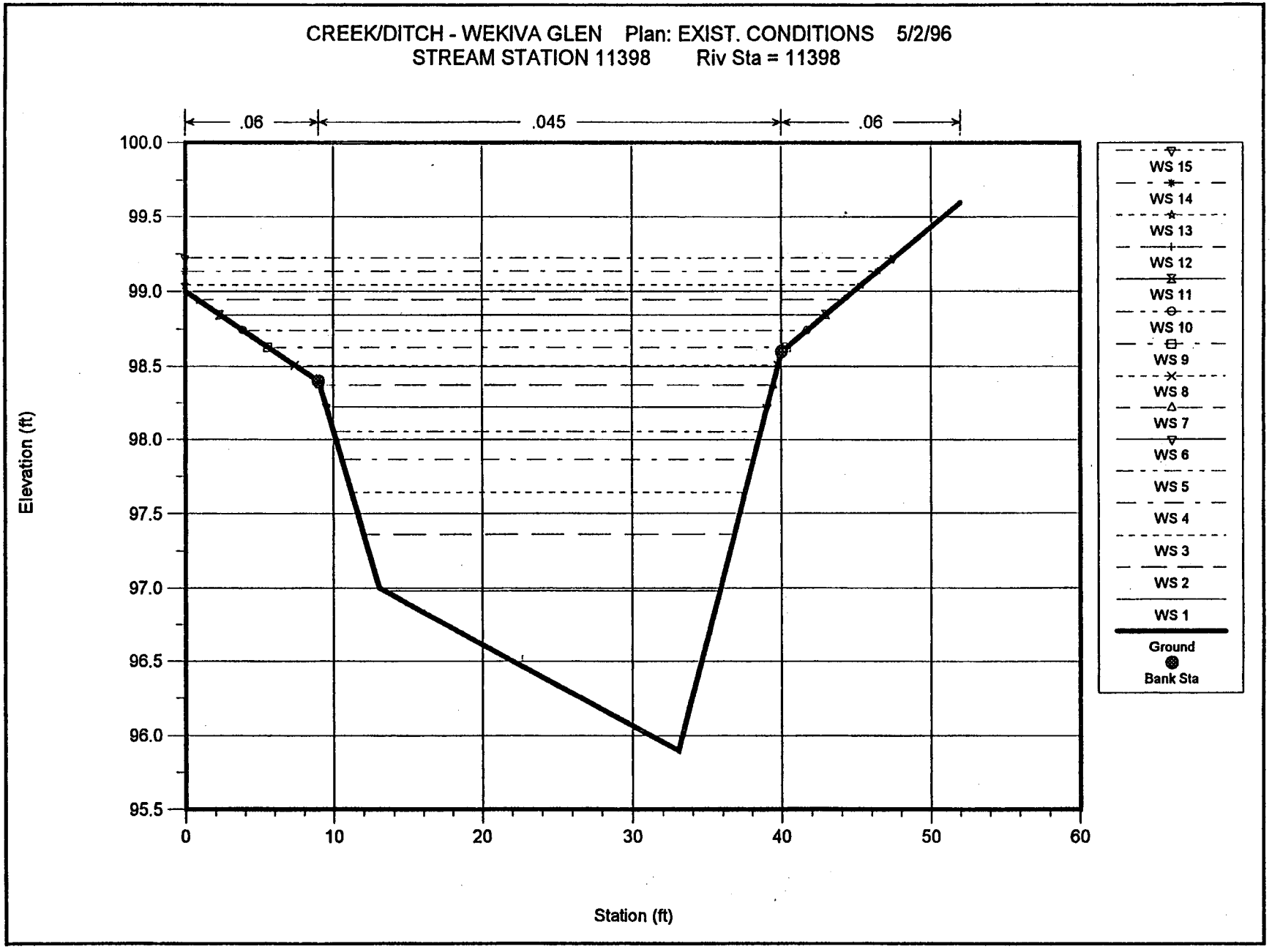
Plan: Plan 03 Reach: LP10R01A/02A Riv Sta: 10160 Profile: 1 5/2/96

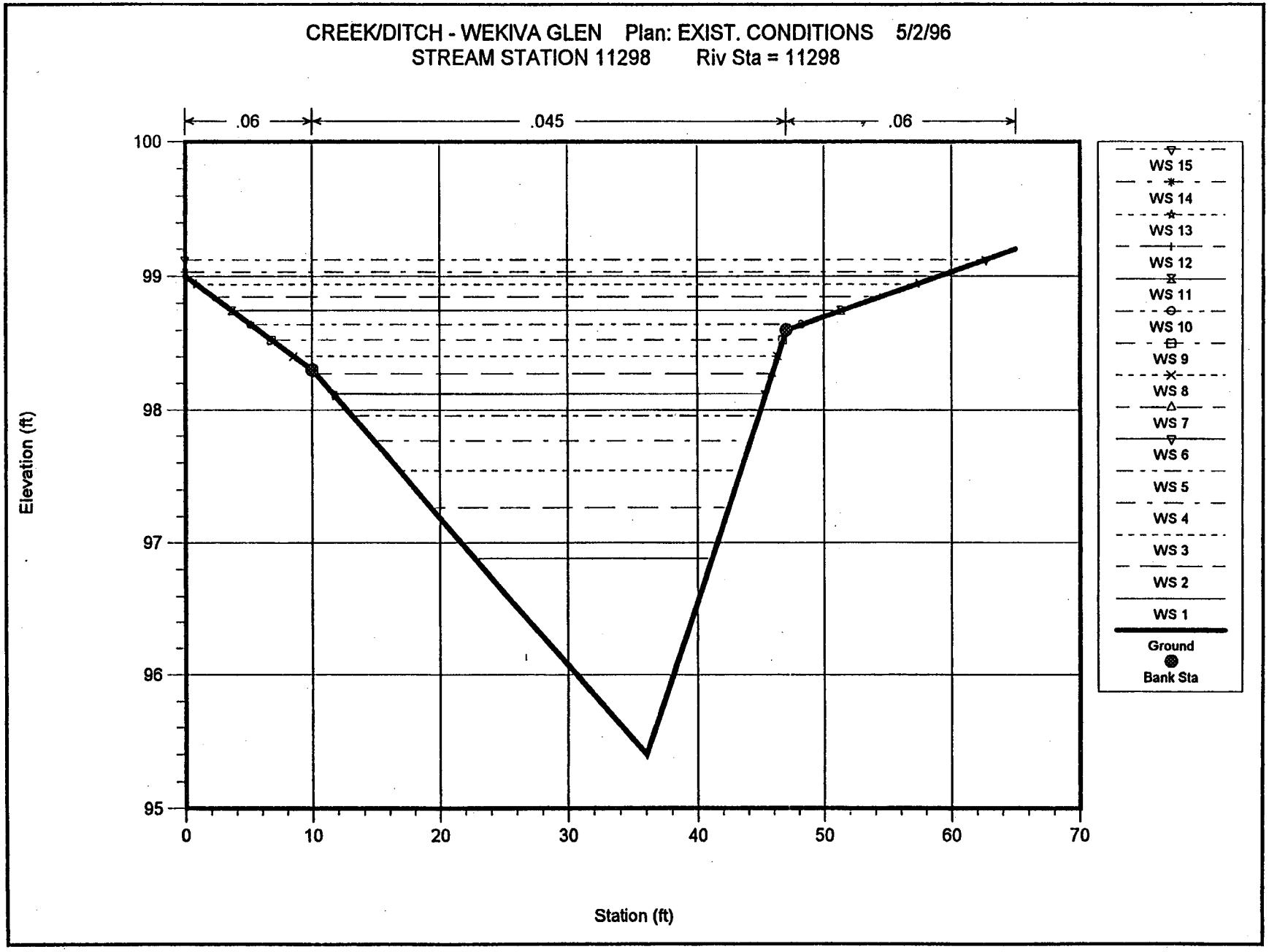
W.S. Elev (ft)	88.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.21	Wt. n-Val.		0.045	
P.G. Elev (ft)	88.74	Reach Len. (ft)			
E.G. Slope (ft/ft)	0.040660	Flow Area (sq ft)		9.53	
Q Total (cfs)	35.00	Flow (cfs)		35.00	
Top Width (ft)	23.22	Top Width (ft)		23.22	
Vel Total (ft/s)	3.67	Avg. Vel. (ft/s)		3.67	
Max Chl Dpth (ft)	0.63	Hydr. Depth (ft)		0.41	
Crit W.S. (ft)	88.53	Wetted Per. (ft)		23.27	
Conv. Total (cfs)	173.6	Conv. (cfs)		173.6	

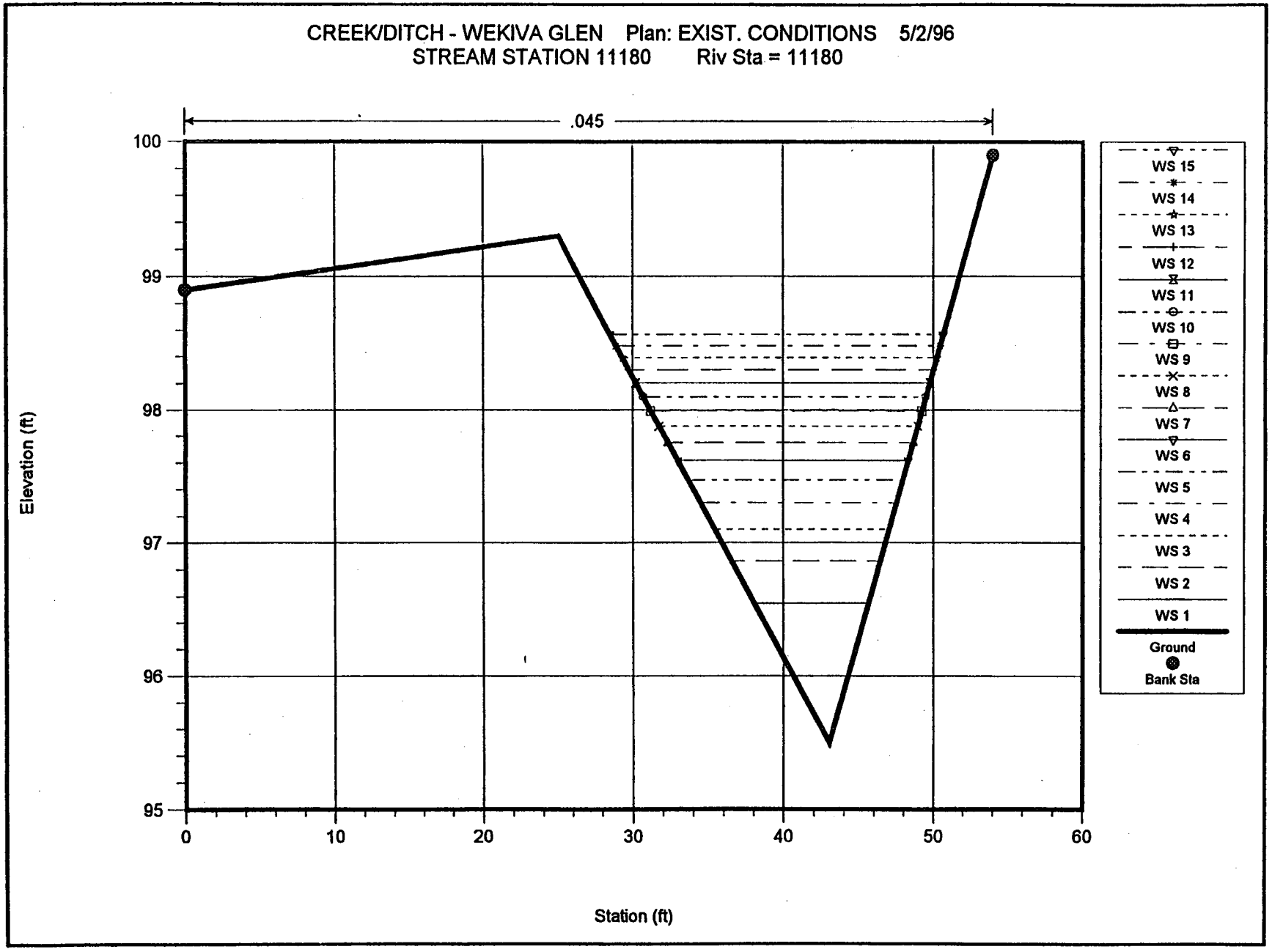

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 11905 Riv Sta = 11905
.045
Elevation (ft)
100
99
98
97
96
95
0
10
20
30
40
50
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

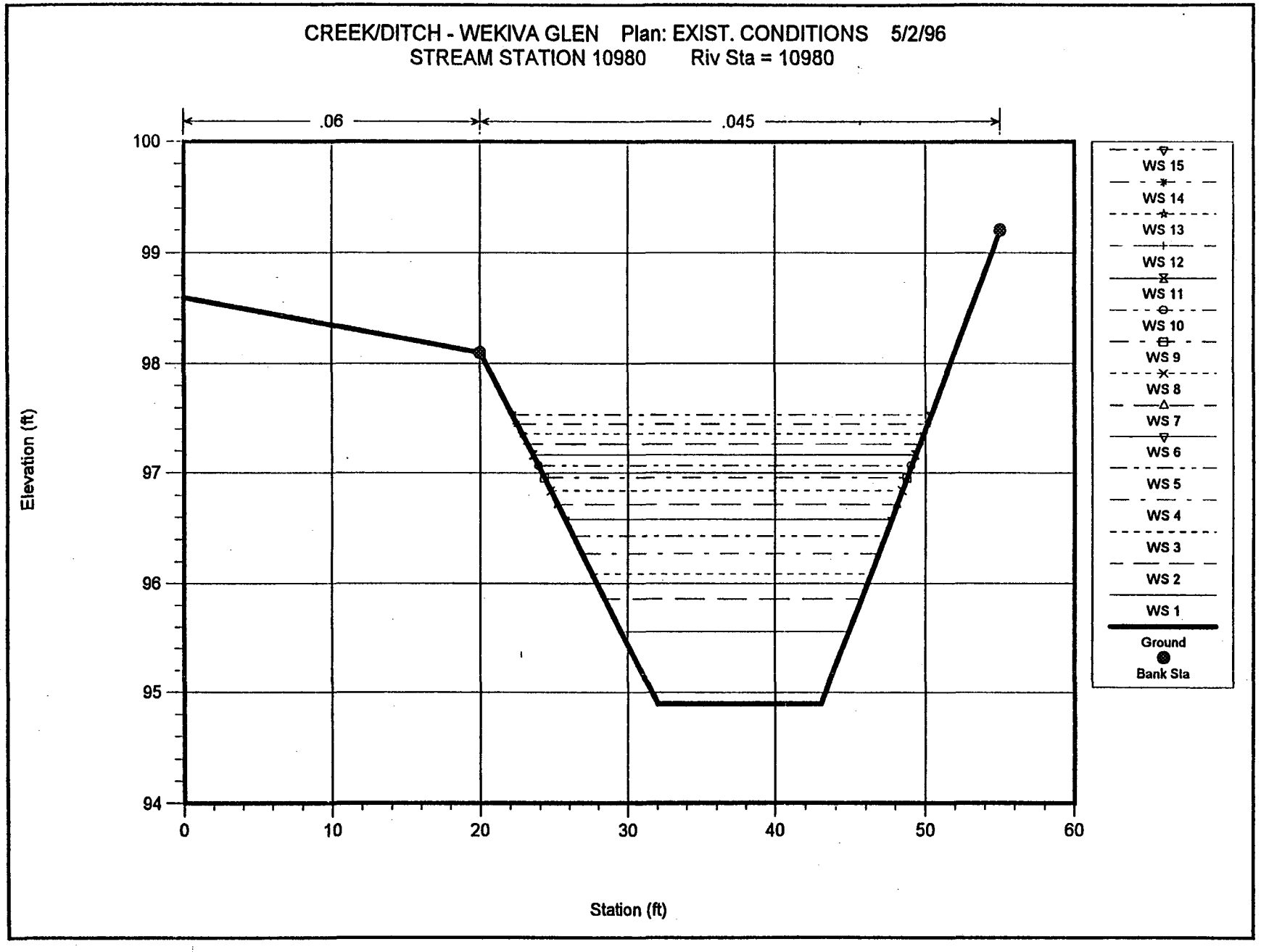

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 11698 Riv Sta = 11698
.045
.06
100
99
98
97
96
95
0
10
20
30
40
50
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

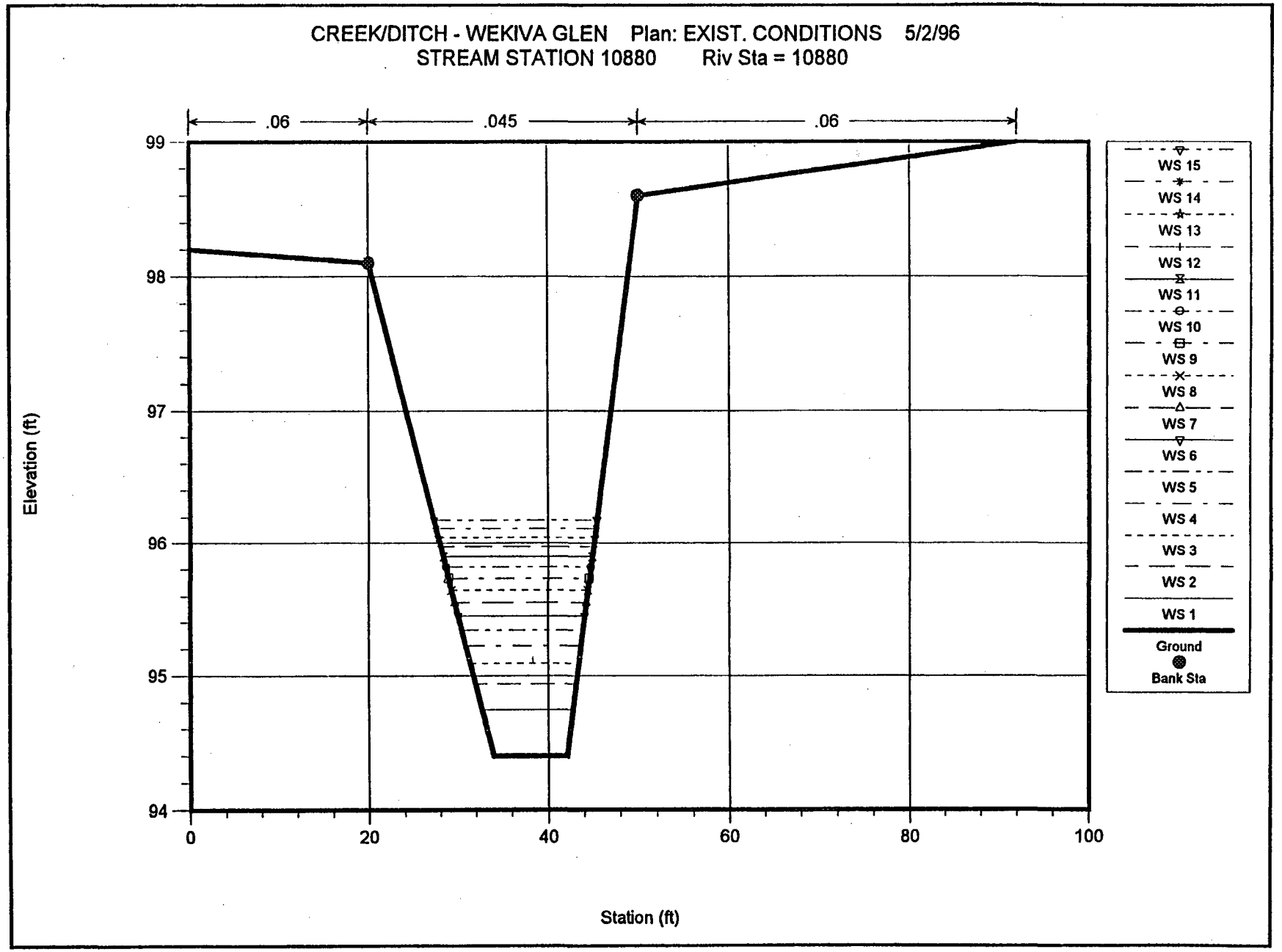

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 11498 Riv Sta = 11498
.045
.06
100.0
99.5
99.0
98.5
98.0
97.5
97.0
96.5
96.0
95.5
Elevation (ft)
0
10
20
30
40
50
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

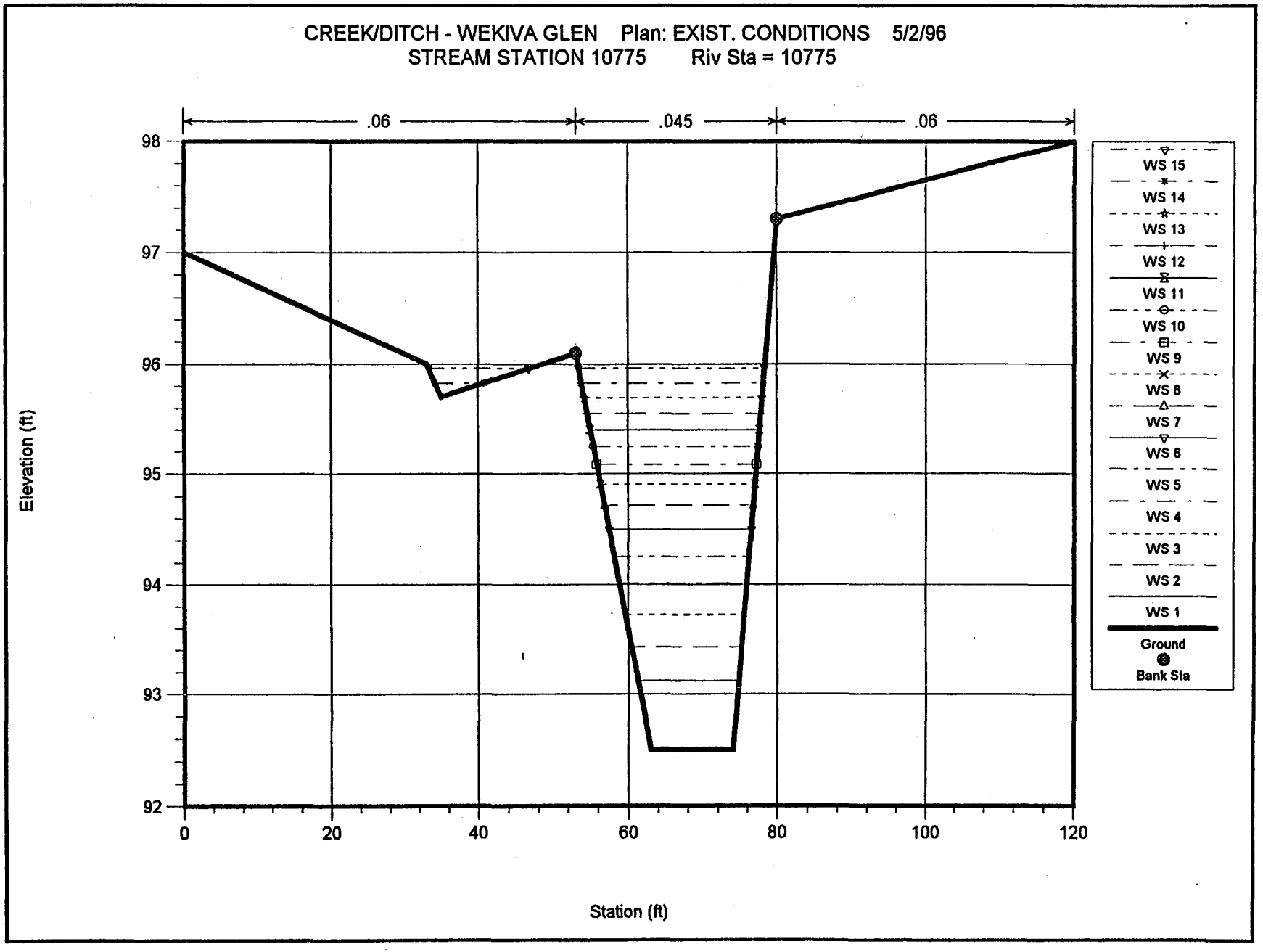

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 11398 Riv Sta = 11398
.06
.045
.06
100.0
99.5
99.0
98.5
98.0
97.5
97.0
96.5
96.0
95.5
Elevation (ft)
0
10
20
30
40
50
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

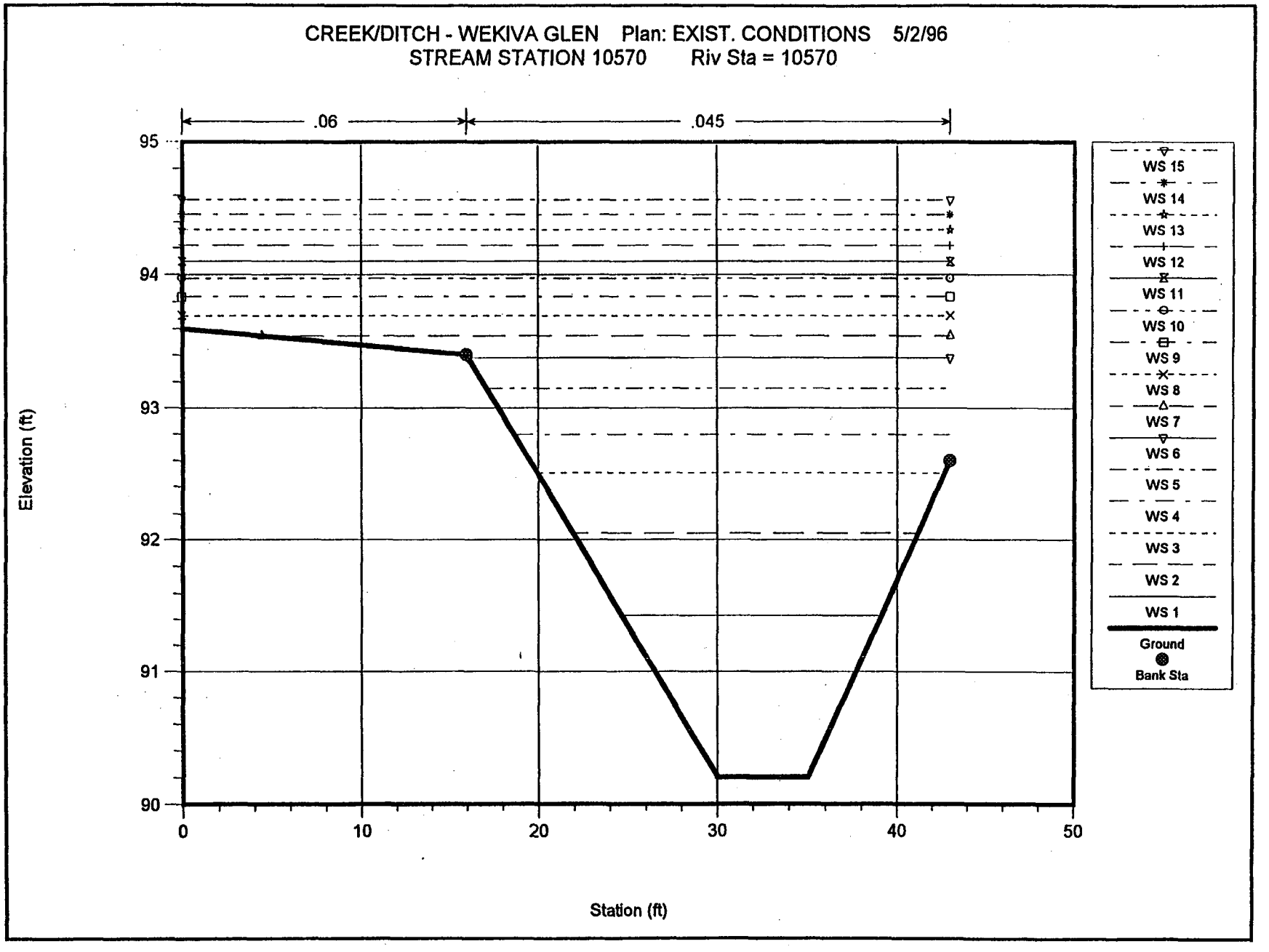

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 11298 Riv Sta = 11298
.06
.045
.06
100
99
98
97
96
95
0
10
20
30
40
50
60
70
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

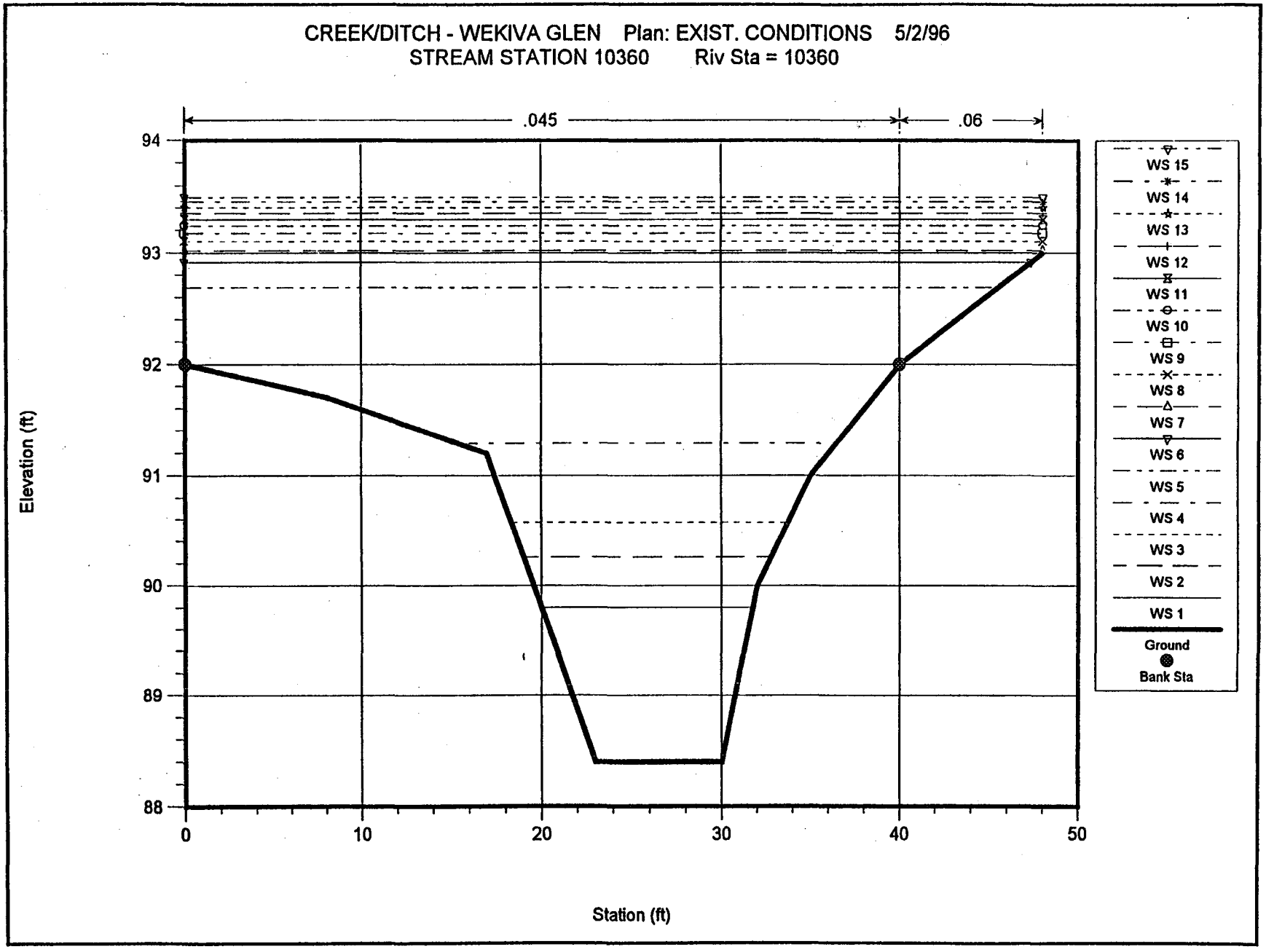

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 11180 Riv Sta = 11180
.045
100
99
98
97
96
95
0
10
20
30
40
50
60
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

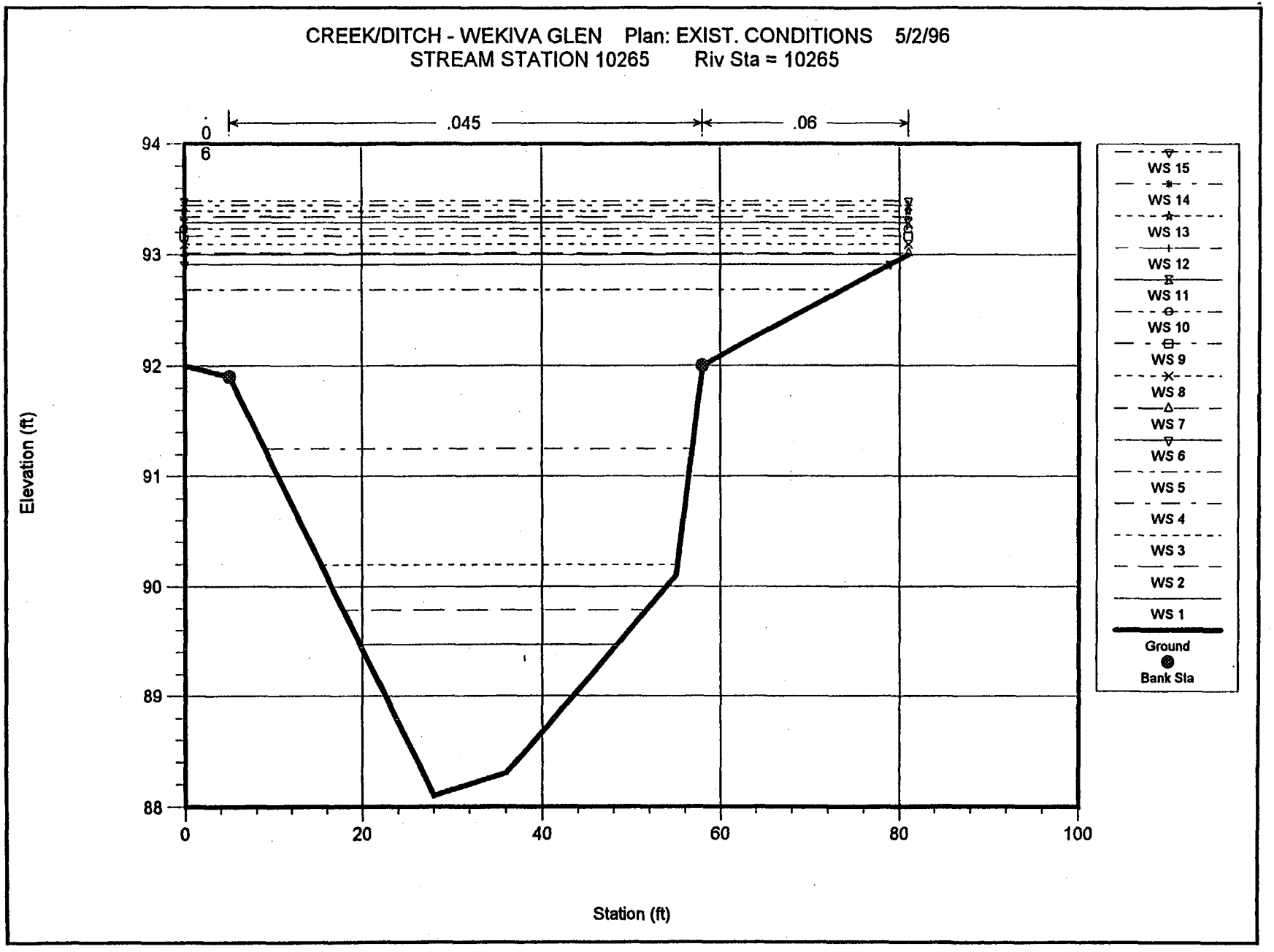

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10980 Riv Sta = 10980
.06
.045
100
99
98
97
96
95
94
Elevation (ft)
0
10
20
30
40
50
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10880 Riv Sta = 10880
.06
.045
.06
99
98
97
96
95
94
0
20
40
60
80
100
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

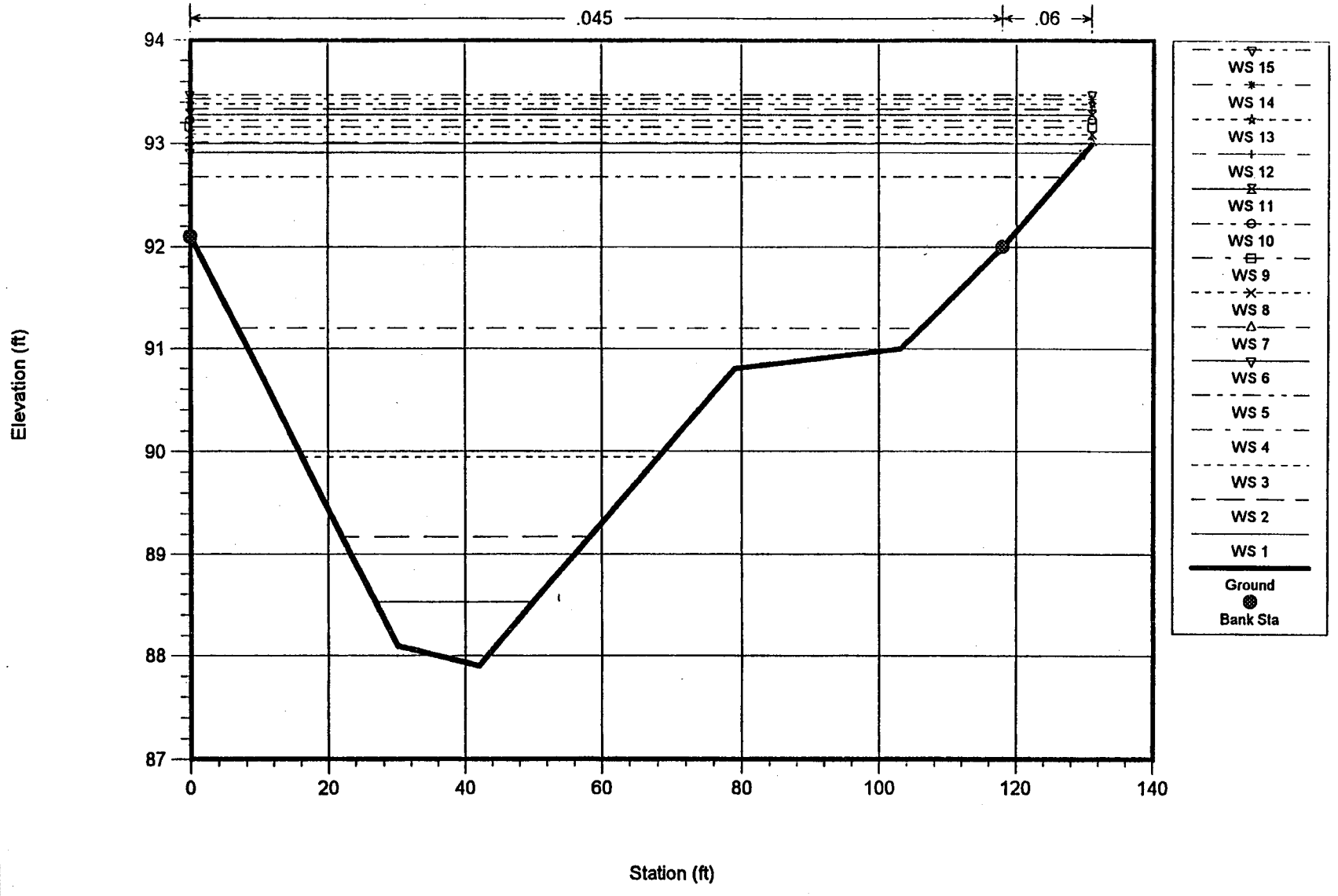

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10775 Riv Sta = 10775
.06
.045
.06
98
97
96
95
94
93
92
Elevation (ft)
0
20
40
60
80
100
120
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10570 Riv Sta = 10570
.06
.045
95
94
93
92
91
90
0
10
20
30
40
50
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10360 Riv Sta = 10360
.045
.06
94
93
92
91
90
89
88
Elevation (ft)
0
10
20
30
40
50
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10265 Riv Sta = 10265
.045
.06
0
6
94
93
92
91
90
89
88
0
20
40
60
80
100
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

CREEK/DITCH - WEKIVA GLEN Plan: EXIST. CONDITIONS 5/2/96
STREAM STATION 10160 Riv Sta = 10160



EXISTING CONDITIONS

HEC-RAS ANALYSIS

(Wetland MN13 Outfall)

HEC-RAS Version 1.1 January 1996
U.S. Army Corp of Engineers
Hydrologic Engineering Center
609 Second Street, Suite D
Davis, California 95616-4687
(916) 756-1104

```
X     X  XXXXXX    XXXX        XXXX        XX      XXXX
X     X  X        X    X       X   X      X  X     X
X     X  X        X            X   X     X    X    X
XXXXXXX  XXXX     X       XXX  XXXX      XXXXXX    XXXX
X     X  X        X            X  X      X    X        X
X     X  X        X    X       X   X     X    X        X
X     X  XXXXXX    XXXX        X    X    X    X   XXXXX
```

PROJECT DATA
Project Title: WETLAND MN13 OUTFALL
Project File : oc-70c.prj
Run Date and Time: 5/2/96 1:52:18 PM

Project in English units

PLAN DATA

Plan Title: Exist. Condition - Multi-flow
Plan File : c:\hec\ras\data\oc-70\oc-70c.p01

Geometry Title: Exist. Condition - Multi-flow
Geometry File : c:\hec\ras\data\oc-70\oc-70c.p01

Flow Title : Exist. Condition - Multi-flow
Flow File : c:\hec\ras\data\oc-70\oc-70c.p01

Plan Summary Information:
Number of: Cross Sections = 9 Mulitple Openings = 0
Culverts = 0 Inline Weirs = 0
Bridges = 0

Computational Information
Water surface calculation tolerance = .01
Critical depth calculaton tolerance = .01
Maximum number of interations = 20
Maximum difference tolerance = .3
Flow tolerance factor = .001

Computational Flow Regime: Subcritical Flow

Encroachment Data: None

Flow Distribution Locations: None

FLOW DATA

Flow Title: Normal Depth (Slope-Area) Method
Flow File : c:\hec\ras\data\oc-70\oc-70c.f01

Flow Data (cfs)

Reach	Riv Sta	PF#1	PF#2	PF#3	PF#4	PF#5	PF#6	PF#7	PF#8	PF#9	PF#10	PF#11	PF#12	PF#13	PF#14	PF#15
MN13R01A	2600	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
MN13R01A	1000	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150

Boundary Conditions

Reach	Profile	Upstream	Downstream
MN13R01A	1		Normal S = .0172
MN13R01A	2		Normal S = .0172
MN13R01A	3		Normal S = .0172
MN13R01A	4		Normal S = .0172
MN13R01A	5		Normal S = .0172
MN13R01A	6		Normal S = .0172
MN13R01A	7		Normal S = .0172
MN13R01A	8		Normal S = .0172
MN13R01A	9		Normal S = .0172
MN13R01A	10		Normal S = .0172
MN13R01A	11		Normal S = .0172
MN13R01A	12		Normal S = .0172
MN13R01A	13		Normal S = .0172
MN13R01A	14		Normal S = .0172
MN13R01A	15		Normal S = .0172

GEOMETRY DATA

Geometry Title: Wetland Ditch (Surveyed by Orange County
Geometry File : c:\hec\ras\data\oc-70\oc-70c.g01

CROSS SECTION INPUT Reach: MN13R01A River Station: 2600
Description: Stream Station 2600 (J)

Station Elevation Data, num = 5

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	103.8	25	104.8	29	101.5	33	105.2	58	104.6

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	25	.045	33	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
25	33	200	200	.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 2400
Description: Stream Station 2400 (K)

Station Elevation Data, num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	103.8	25	103	30	101	32.5	100	35	101.2
40	102.5	65	103						

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	25	.045	40	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
25	40	200	200	.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 2200
Description: Stream Station 2200 (L)

Station Elevation Data, num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	103.4	25	101.4	30	100.2	32.5	99.6	35	100.4
40	102.4	65	102.6						

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	25	.045	40	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.

25	40	200	200	200	.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 2000
Description: Stream Station 2000 (M)

Station Elevation Data, num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	99.6	25	99.4	40	99	45	98.2	50	99.3
65	100.5	90	102.3						

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	0	.045	65	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
0	65	200	200	.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 1800
Description: Stream Station 1800 (N)

Station Elevation Data, num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	98.4	25	98.2	35	97.5	55	96.6	75	97.1
85	97.4	110	100.2						

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	25	.045	85	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
25	85	200	200	.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 1600
Description: Stream Station 1600 (O)

Station Elevation Data, num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	97.1	25	95.4	35	94.8	40	93.6	45	94.7
65	96.1	90	97.9						

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	25	.045	65	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.

	25	65		200	200	200		.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 1400
Description: Stream Station 1400 (P)

Station Elevation Data, num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	94.7	25	93.3	35	92.4	45	91.1	65	92.6
85	94.4	110	95.6						

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	25	.045	85	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
25	85	200	200	.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 1200
Description: Stream Station 1200 (Q0

Station Elevation Data, num = 9

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	88.4	25	88.4	32	87.2	39.5	88.7	54.5	88.3
69.5	88.2	77	87	84.5	89.5	109.5	90.8		

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	39.5	.045	84.5	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
39.5	84.5	200	200	.1	.3

CROSS SECTION INPUT Reach: MN13R01A River Station: 1000
Description: Stream Station 1000 (R)

Station Elevation Data, num = 5

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
0	86.6	25	85.2	30	83.2	35	86.3	60	88.6

Manning's n Values, num = 3

Sta.	Value	Sta.	Value	Sta.	Value
0	.1	25	.045	35	.1

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
25	35	0	0	.1	.3

SUMMARY OF MANNING'S N VALUES

Reach	River Sta.	n1	n2	n3
MN13R01A	2600	.1	.045	.1
MN13R01A	2400	.1	.045	.1
MN13R01A	2200	.1	.045	.1
MN13R01A	2000	.1	.045	.1
MN13R01A	1800	.1	.045	.1
MN13R01A	1600	.1	.045	.1
MN13R01A	1400	.1	.045	.1
MN13R01A	1200	.1	.045	.1
MN13R01A	1000	.1	.045	.1

SUMMARY OF REACH LENGTHS

Reach	River Sta.	Left	Channel	Right
MN13R01A	2600	200	200	200
MN13R01A	2400	200	200	200
MN13R01A	2200	200	200	200
MN13R01A	2000	200	200	200
MN13R01A	1800	200	200	200
MN13R01A	1600	200	200	200
MN13R01A	1400	200	200	200
MN13R01A	1200	200	200	200
MN13R01A	1000	0	0	0

SUMMARY OF CONTRACTION AND EXPANSION COEFFICIENTS

Reach	River Sta.	Contr.	Expan.
MN13R01A	2600	.1	.3
MN13R01A	2400	.1	.3
MN13R01A	2200	.1	.3
MN13R01A	2000	.1	.3
MN13R01A	1800	.1	.3
MN13R01A	1600	.1	.3
MN13R01A	1400	.1	.3
MN13R01A	1200	.1	.3
MN13R01A	1000	.1	.3

HEC-RAS Plan: EXIST. CONDI Reach: MN13R01A 5/2/96

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
2600	10.00	101.50	102.96		103.22	0.034224	4.10	2.44	3.35	0.85
2600	20.00	101.50	103.44		103.77	0.030284	4.66	4.30	4.44	0.83
2600	30.00	101.50	103.75		104.16	0.030668	5.18	5.80	5.16	0.86
2600	40.00	101.50	103.97	103.90	104.47	0.032554	5.68	7.38	9.97	0.90
2600	50.00	101.50	104.21	104.21	104.70	0.028948	5.70	10.59	16.58	0.86
2600	60.00	101.50	104.41	104.41	104.87	0.026207	5.68	14.33	21.88	0.83
2600	70.00	101.50	104.54	104.54	105.01	0.025822	5.81	17.52	25.56	0.83
2600	80.00	101.50	104.70	104.70	105.12	0.023012	5.68	22.17	34.20	0.79
2600	90.00	101.50	104.83	104.83	105.22	0.021100	5.60	27.09	42.21	0.76
2600	100.00	101.50	104.92	104.92	105.30	0.020451	5.65	30.91	45.91	0.76
2600	110.00	101.50	104.97	104.97	105.37	0.021301	5.86	33.49	48.26	0.77
2600	120.00	101.50	105.05	105.05	105.44	0.020648	5.89	37.32	51.54	0.77
2600	130.00	101.50	105.09	105.09	105.51	0.021834	6.12	39.40	53.24	1.08
2600	140.00	101.50	105.15	105.15	105.57	0.021766	6.21	42.60	55.74	1.05
2600	150.00	101.50	105.22	105.22	105.62	0.020925	6.20	46.53	58.00	1.03
2400	10.00	100.00	101.70		101.73	0.002953	1.46	6.85	8.68	0.29
2400	20.00	100.00	102.13		102.18	0.003347	1.80	11.12	11.38	0.32
2400	30.00	100.00	102.43		102.50	0.003495	2.01	14.90	13.32	0.34
2400	40.00	100.00	102.66		102.73	0.003578	2.22	18.58	21.89	0.35
2400	50.00	100.00	102.84		102.93	0.003600	2.39	23.48	31.54	0.35
2400	60.00	100.00	103.00		103.09	0.003578	2.51	29.23	39.98	0.36
2400	70.00	100.00	103.14		103.24	0.003449	2.61	35.03	44.29	0.36
2400	80.00	100.00	103.26		103.36	0.003385	2.71	40.58	48.05	0.36
2400	90.00	100.00	103.37		103.48	0.003327	2.80	46.13	51.53	0.36
2400	100.00	100.00	103.47		103.59	0.003276	2.88	51.68	54.79	0.36
2400	110.00	100.00	103.57		103.69	0.003221	2.95	57.29	57.90	0.36
2400	120.00	100.00	103.67		103.79	0.003167	3.01	62.94	60.88	0.36
2400	130.00	100.00	103.76		103.88	0.003136	3.07	68.39	63.61	0.36
2400	140.00	100.00	103.84		103.96	0.003099	3.13	73.82	65.00	0.36

HEC-RAS Plan: EXIST. CONDI Reach: MN13R01A 5/2/96 (continued)

River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
2400	150.00	100.00	103.92		104.04	0.003063	3.18	79.02	65.00	0.36
2200	10.00	99.60	100.78		100.84	0.007612	2.00	5.01	8.35	0.45
2200	20.00	99.60	101.15		101.23	0.007233	2.34	8.56	10.82	0.46
2200	30.00	99.60	101.39		101.50	0.007676	2.65	11.33	12.41	0.49
2200	40.00	99.60	101.53		101.67	0.008667	3.04	13.26	14.46	0.53
2200	50.00	99.60	101.67		101.84	0.009100	3.33	15.41	16.54	0.55
2200	60.00	99.60	101.77		101.98	0.009914	3.64	17.24	18.12	0.58
2200	70.00	99.60	101.87		102.11	0.010590	3.91	19.07	19.58	0.61
2200	80.00	99.60	101.97	101.58	102.23	0.010880	4.12	21.13	21.10	0.62
2200	90.00	99.60	102.07	101.67	102.35	0.011147	4.31	23.17	22.50	0.63
2200	100.00	99.60	102.15	101.77	102.46	0.011391	4.49	25.19	23.81	0.64
2200	110.00	99.60	102.23	101.87	102.55	0.011856	4.68	26.94	24.89	0.66
2200	120.00	99.60	102.29	101.95	102.64	0.012461	4.89	28.48	25.80	0.68
2200	130.00	99.60	102.37	102.02	102.74	0.012444	5.01	30.63	27.02	0.68
2200	140.00	99.60	102.43	102.10	102.82	0.012726	5.17	32.39	31.65	0.70
2200	150.00	99.60	102.48	102.17	102.90	0.013101	5.35	34.22	38.78	0.71
2000	10.00	98.20	99.24	98.93	99.27	0.008013	1.49	6.73	18.71	0.44
2000	20.00	98.20	99.45	99.20	99.50	0.010494	1.69	11.82	33.23	0.50
2000	30.00	98.20	99.59	99.33	99.63	0.011345	1.71	17.59	51.86	0.52
2000	40.00	98.20	99.66	99.45	99.71	0.011006	1.86	21.52	54.49	0.52
2000	50.00	98.20	99.71	99.53	99.78	0.011496	2.05	24.41	55.15	0.54
2000	60.00	98.20	99.77	99.59	99.84	0.011125	2.17	27.66	55.88	0.54
2000	70.00	98.20	99.82	99.63	99.90	0.010993	2.29	30.60	56.54	0.55
2000	80.00	98.20	99.87	99.67	99.96	0.011246	2.42	33.06	57.08	0.56
2000	90.00	98.20	99.90	99.70	100.01	0.011664	2.56	35.22	57.55	0.58
2000	100.00	98.20	99.94	99.72	100.05	0.012054	2.68	37.27	57.99	0.59
2000	110.00	98.20	99.98	99.76	100.10	0.012054	2.78	39.61	58.49	0.59
2000	120.00	98.20	100.02	99.80	100.15	0.011998	2.86	41.95	58.99	0.60

HEC-RAS Plan: EXIST. CONDI Reach: MN13R01A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
2000	130.00	98.20	100.05	99.83	100.19	0.012362	2.97	43.74	59.37	0.61
2000	140.00	98.20	100.08	99.86	100.23	0.012447	3.06	45.77	59.80	0.62
2000	150.00	98.20	100.12	99.89	100.27	0.012478	3.14	47.81	60.22	0.62
1800	10.00	96.60	97.06	96.96	97.09	0.015719	1.54	6.47	28.38	0.57
1800	20.00	96.60	97.22	97.08	97.26	0.012070	1.68	11.91	37.77	0.53
1800	30.00	96.60	97.33	97.16	97.38	0.011606	1.84	16.30	43.76	0.53
1800	40.00	96.60	97.41	97.23	97.47	0.011643	1.99	20.08	48.08	0.54
1800	50.00	96.60	97.48	97.29	97.55	0.011403	2.14	23.41	50.19	0.55
1800	60.00	96.60	97.54		97.62	0.011156	2.27	26.57	51.81	0.55
1800	70.00	96.60	97.59		97.68	0.011271	2.40	29.28	53.01	0.56
1800	80.00	96.60	97.65		97.74	0.010900	2.49	32.33	54.33	0.56
1800	90.00	96.60	97.71	97.47	97.81	0.010391	2.56	35.53	55.68	0.55
1800	100.00	96.60	97.76		97.87	0.009921	2.61	38.72	56.99	0.55
1800	110.00	96.60	97.81		97.92	0.009877	2.70	41.36	58.06	0.55
1800	120.00	96.60	97.86		97.98	0.009545	2.75	44.39	59.26	0.55
1800	130.00	96.60	97.91		98.03	0.009289	2.80	47.32	60.40	0.54
1800	140.00	96.60	97.95		98.08	0.009210	2.87	49.94	61.39	0.54
1800	150.00	96.60	97.99		98.13	0.009163	2.93	52.47	62.34	0.55
1600	10.00	93.60	94.65	94.40	94.72	0.009665	2.08	4.81	9.16	0.51
1600	20.00	93.60	95.01	94.65	95.08	0.009902	2.12	9.45	18.01	0.51
1600	30.00	93.60	95.21	94.87	95.28	0.009852	2.22	13.53	24.02	0.52
1600	40.00	93.60	95.36	95.02	95.44	0.009311	2.28	17.56	28.75	0.51
1600	50.00	93.60	95.47	95.13	95.56	0.008873	2.38	21.04	32.14	0.51
1600	60.00	93.60	95.57	95.22	95.67	0.008575	2.49	24.28	34.94	0.51
1600	70.00	93.60	95.65	95.30	95.76	0.008618	2.62	27.17	37.26	0.52
1600	80.00	93.60	95.72	95.36	95.84	0.008668	2.73	29.98	39.38	0.52
1600	90.00	93.60	95.79	95.42	95.92	0.008663	2.82	32.81	41.42	0.53
1600	100.00	93.60	95.86	95.47	95.99	0.008755	2.92	35.45	43.23	0.53

HEC-RAS Plan: EXIST. CONDI Reach: MN13R01A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
1600	110.00	93.60	95.91	95.53	96.05	0.008879	3.02	37.98	44.89	0.54
1600	120.00	93.60	95.96	95.58	96.11	0.009075	3.12	40.32	46.37	0.55
1600	130.00	93.60	96.02	95.63	96.18	0.009089	3.20	42.92	47.97	0.55
1600	140.00	93.60	96.07	95.68	96.24	0.009107	3.27	45.48	49.50	0.56
1600	150.00	93.60	96.12	95.72	96.29	0.009104	3.34	47.88	50.88	0.56
1400	10.00	91.10	91.73	91.66	91.82	0.023902	2.37	4.23	13.33	0.74
1400	20.00	91.10	91.91	91.84	92.04	0.026581	2.93	6.83	16.95	0.81
1400	30.00	91.10	92.04	91.97	92.20	0.026953	3.26	9.21	19.68	0.84
1400	40.00	91.10	92.12	92.07	92.33	0.030719	3.68	10.88	21.39	0.91
1400	50.00	91.10	92.18	92.16	92.44	0.034099	4.04	12.37	22.81	0.97
1400	60.00	91.10	92.24	92.24	92.54	0.036875	4.36	13.77	24.07	1.01
1400	70.00	91.10	92.32	92.32	92.63	0.036143	4.49	15.58	25.59	1.02
1400	80.00	91.10	92.38	92.38	92.71	0.035418	4.61	17.35	27.01	1.01
1400	90.00	91.10	92.45	92.45	92.79	0.034688	4.70	19.16	28.55	1.01
1400	100.00	91.10	92.51	92.51	92.86	0.034359	4.79	20.87	29.98	1.01
1400	110.00	91.10	92.57	92.57	92.93	0.033560	4.85	22.67	31.42	1.01
1400	120.00	91.10	92.62	92.62	93.00	0.033644	4.96	24.21	32.56	1.01
1400	130.00	91.10	92.67	92.67	93.06	0.032564	4.99	26.03	33.78	1.00
1400	140.00	91.10	92.72	92.72	93.12	0.032139	5.06	27.66	34.83	1.00
1400	150.00	91.10	92.76	92.76	93.17	0.031835	5.13	29.24	35.83	1.00
1200	10.00	87.00	87.86	87.71	87.93	0.015980	2.33	5.74	15.05	0.63
1200	20.00	87.00	88.12	87.91	88.20	0.014374	2.64	10.33	20.27	0.62
1200	30.00	87.00	88.42	88.06	88.48	0.013406	2.01	20.85	69.55	0.57
1200	40.00	87.00	88.51	88.26	88.56	0.012575	2.09	26.75	73.31	0.56
1200	50.00	87.00	88.58	88.32	88.64	0.011808	2.14	32.34	76.70	0.55
1200	60.00	87.00	88.66	88.34	88.72	0.010452	2.13	38.60	80.33	0.53
1200	70.00	87.00	88.72	88.36	88.78	0.010108	2.20	43.36	82.16	0.53
1200	80.00	87.00	88.78		88.84	0.009498	2.27	47.98	82.33	0.52

HEC-RAS Plan: EXIST. CONDI Reach: MN13R01A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
1200	90.00	87.00	88.83	88.38	88.89	0.009050	2.34	52.35	82.49	0.51
1200	100.00	87.00	88.88	88.38	88.95	0.008491	2.39	56.96	82.65	0.50
1200	110.00	87.00	88.94		89.01	0.008002	2.43	61.50	82.82	0.49
1200	120.00	87.00	88.98		89.05	0.008130	2.52	64.56	82.93	0.50
1200	130.00	87.00	89.02		89.10	0.007849	2.57	68.56	83.07	0.50
1200	140.00	87.00	89.07		89.16	0.007525	2.61	72.68	83.22	0.49
1200	150.00	87.00	89.12		89.21	0.007249	2.65	76.71	83.37	0.49
1000	10.00	83.20	84.48	84.27	84.61	0.017203	2.98	3.35	5.25	0.66
1000	20.00	83.20	84.86	84.62	85.05	0.017224	3.55	5.63	6.81	0.69
1000	30.00	83.20	85.13	84.87	85.37	0.017227	3.93	7.64	7.93	0.71
1000	40.00	83.20	85.33	85.07	85.62	0.017202	4.29	9.46	10.75	0.72
1000	50.00	83.20	85.50	85.25	85.82	0.017217	4.62	11.51	13.98	0.73
1000	60.00	83.20	85.64	85.41	86.01	0.017208	4.89	13.76	16.83	0.74
1000	70.00	83.20	85.77	85.58	86.16	0.017214	5.12	16.11	19.35	0.75
1000	80.00	83.20	85.89	85.72	86.31	0.017207	5.32	18.51	21.64	0.76
1000	90.00	83.20	86.00	85.84	86.44	0.017203	5.50	20.95	23.73	0.76
1000	100.00	83.20	86.09	85.95	86.55	0.017223	5.66	23.38	25.65	0.77
1000	110.00	83.20	86.19	86.05	86.66	0.017219	5.80	25.83	27.45	0.77
1000	120.00	83.20	86.27	86.15	86.76	0.017228	5.94	28.27	29.12	0.78
1000	130.00	83.20	86.35	86.24	86.86	0.017204	6.08	30.59	31.09	0.78
1000	140.00	83.20	86.42	86.31	86.95	0.017200	6.23	32.86	33.12	0.79
1000	150.00	83.20	86.49	86.39	87.03	0.017208	6.38	35.14	35.05	0.79

Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 2600 Profile: 1 5/2/96

W.S. Elev (ft)	102.96	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.26	Wt. n-Val.		0.045	
E.G. Elev (ft)	103.22	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.034224	Flow Area (sq ft)		2.44	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	3.35	Top Width (ft)		3.35	
Vel Total (ft/s)	4.10	Avg. Vel. (ft/s)		4.10	
Max Chl Dpth (ft)	1.46	Hydr. Depth (ft)		0.73	
Crit W.S. (ft)		Wetted Per. (ft)		4.44	
Conv. Total (cfs)	54.1	Conv. (cfs)		54.1	

Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 2400 Profile: 1 5/2/96

W.S. Elev (ft)	101.70	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.		0.045	
E.G. Elev (ft)	101.73	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.002953	Flow Area (sq ft)		6.85	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	8.68	Top Width (ft)		8.68	
Vel Total (ft/s)	1.46	Avg. Vel. (ft/s)		1.46	
Max Chl Dpth (ft)	1.70	Hydr. Depth (ft)		0.79	
Crit W.S. (ft)		Wetted Per. (ft)		9.35	
Conv. Total (cfs)	184.0	Conv. (cfs)		184.0	

Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 2200 Profile: 1 5/2/96

W.S. Elev (ft)	100.78	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.06	Wt. n-Val.		0.045	
E.G. Elev (ft)	100.84	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.007612	Flow Area (sq ft)		5.01	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	8.35	Top Width (ft)		8.35	
Vel Total (ft/s)	2.00	Avg. Vel. (ft/s)		2.00	
Max Chl Dpth (ft)	1.18	Hydr. Depth (ft)		0.60	
Crit W.S. (ft)		Wetted Per. (ft)		8.69	
Conv. Total (cfs)	114.6	Conv. (cfs)		114.6	

Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 2000 Profile: 1 5/2/96

W.S. Elev (ft)	99.24	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.		0.045	
E.G. Elev (ft)	99.27	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.008013	Flow Area (sq ft)		6.73	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	18.71	Top Width (ft)		18.71	
Vel Total (ft/s)	1.49	Avg. Vel. (ft/s)		1.49	
Max Chl Dpth (ft)	1.04	Hydr. Depth (ft)		0.36	
Crit W.S. (ft)	98.93	Wetted Per. (ft)		18.89	
Conv. Total (cfs)	111.7	Conv. (cfs)		111.7	

Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 1800 Profile: 1 5/2/96

W.S. Elev (ft)	97.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.		0.045	
E.G. Elev (ft)	97.09	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.015719	Flow Area (sq ft)		6.47	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	28.38	Top Width (ft)		28.38	
Vel Total (ft/s)	1.54	Avg. Vel. (ft/s)		1.54	
Max Chl Dpth (ft)	0.46	Hydr. Depth (ft)		0.23	
Crit W.S. (ft)	96.96	Wetted Per. (ft)		28.40	
Conv. Total (cfs)	79.8	Conv. (cfs)		79.8	

Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 1600 Profile: 1 5/2/96

W.S. Elev (ft)	94.65	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.07	Wt. n-Val.		0.045	
E.G. Elev (ft)	94.72	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.009665	Flow Area (sq ft)		4.81	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	9.16	Top Width (ft)		9.16	
Vel Total (ft/s)	2.08	Avg. Vel. (ft/s)		2.08	
Max Chl Dpth (ft)	1.05	Hydr. Depth (ft)		0.53	
Crit W.S. (ft)	94.40	Wetted Per. (ft)		9.40	
Conv. Total (cfs)	101.7	Conv. (cfs)		101.7	

Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 1400 Profile: 1 5/2/96

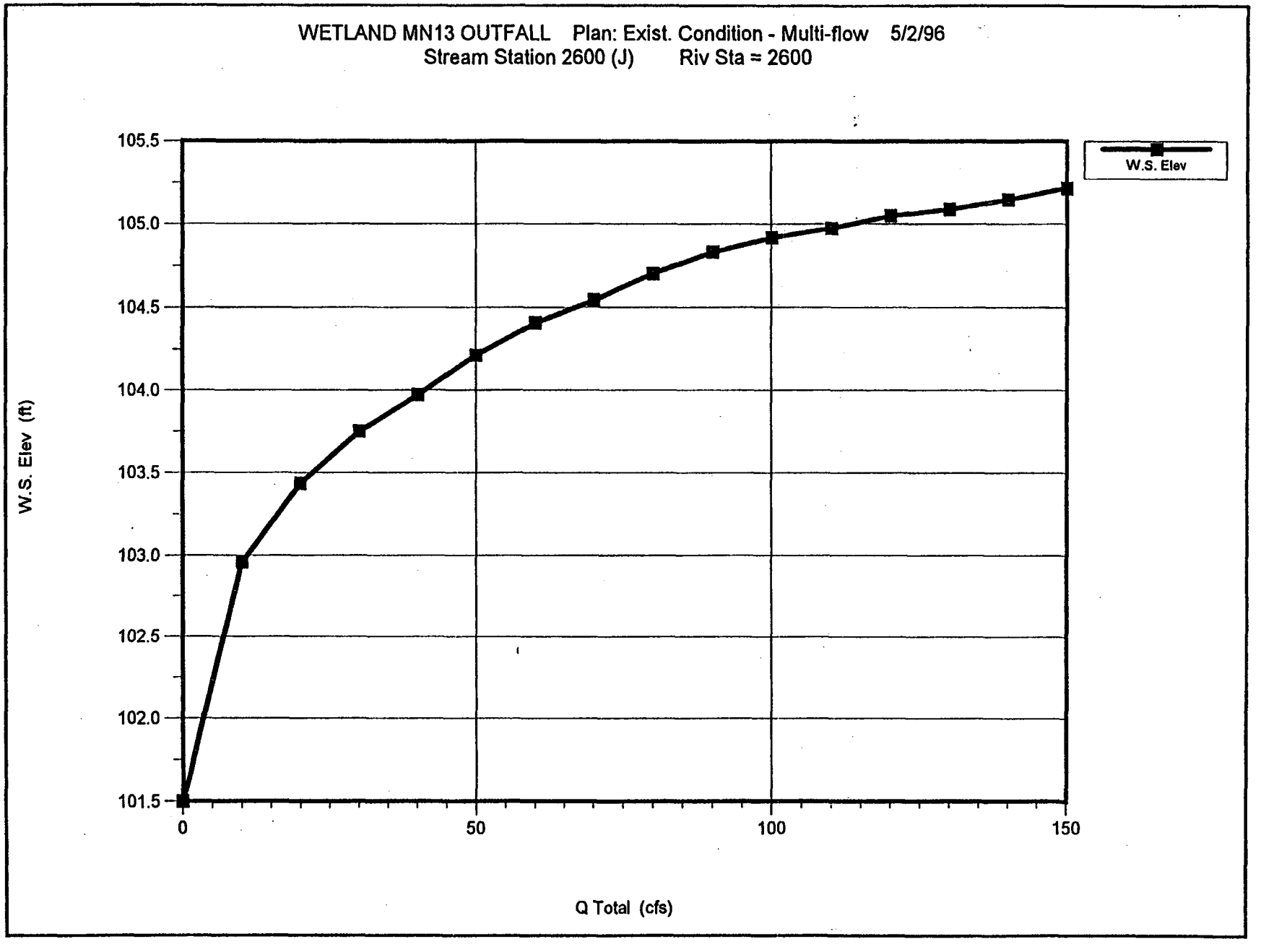
W.S. Elev (ft)	91.73	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.09	Wt. n-Val.		0.045	
E.G. Elev (ft)	91.82	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.023902	Flow Area (sq ft)		4.23	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	13.33	Top Width (ft)		13.33	
Vel Total (ft/s)	2.37	Avg. Vel. (ft/s)		2.37	
Max Chl Dpth (ft)	0.63	Hydr. Depth (ft)		0.32	
Crit W.S. (ft)	91.66	Wetted Per. (ft)		13.40	
Conv. Total (cfs)	64.7	Conv. (cfs)		64.7	

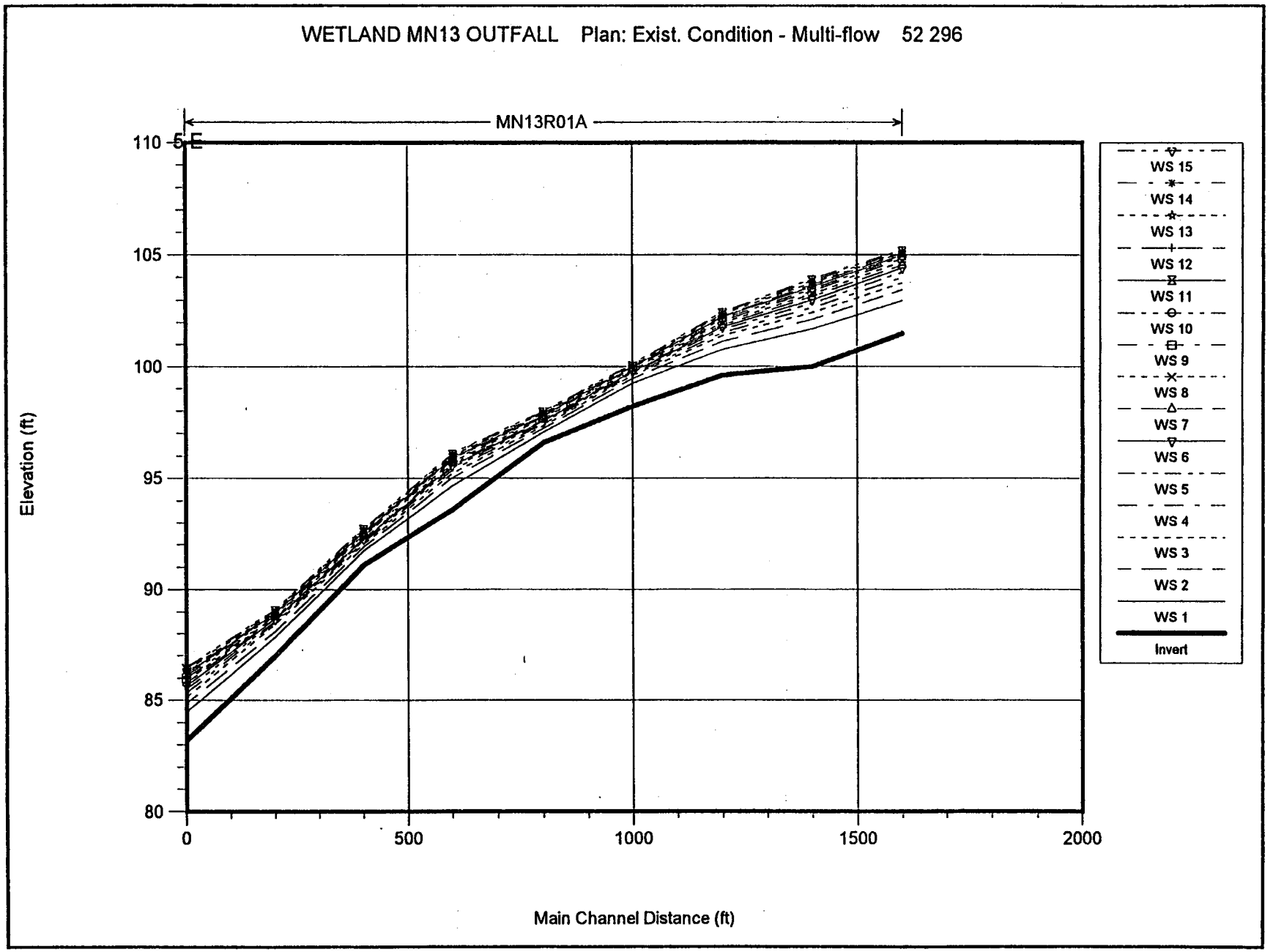
Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 1200 Profile: 1 5/2/96

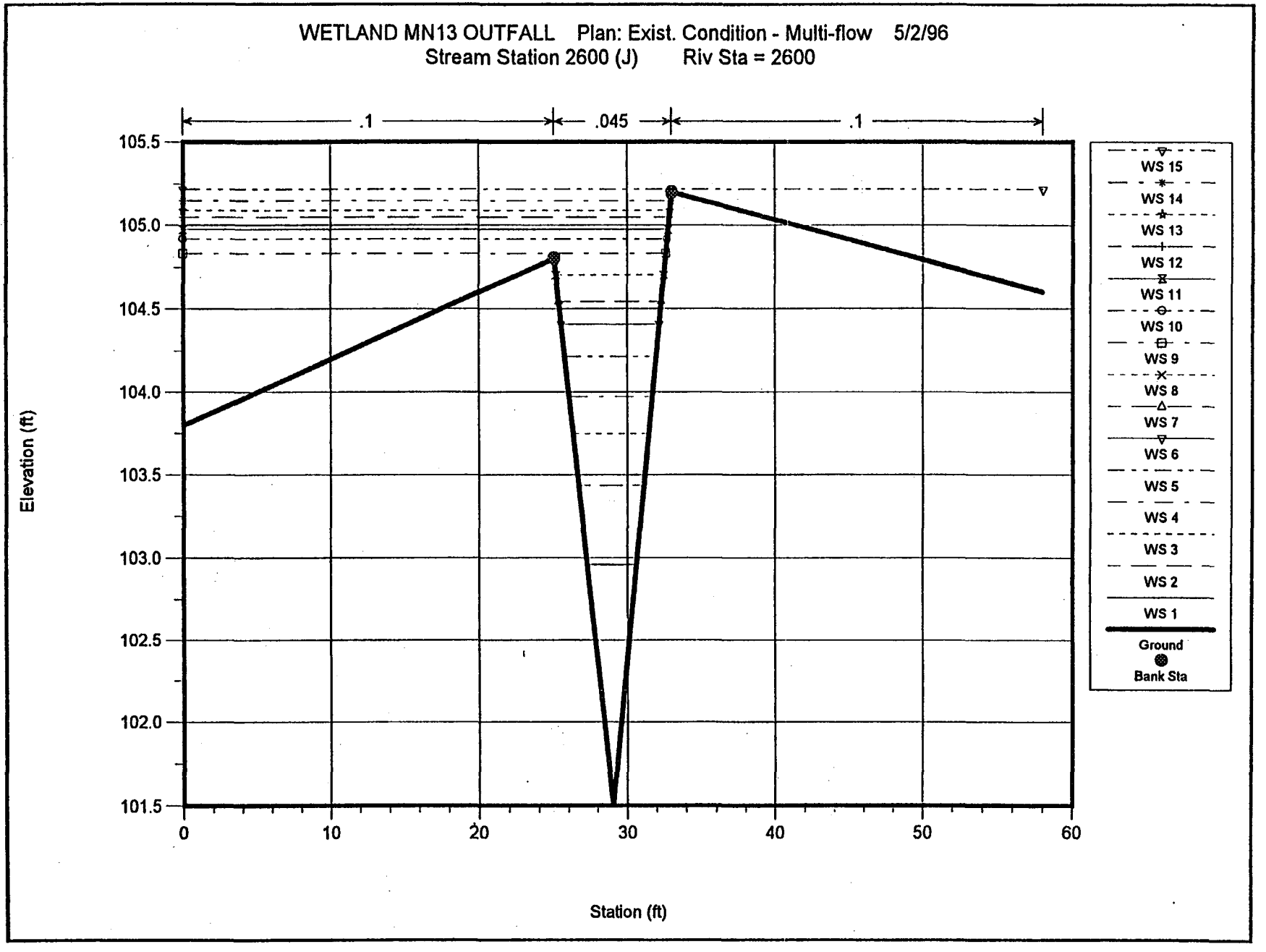
W.S. Elev (ft)	87.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.07	Wt. n-Val.	0.100	0.045	
E.G. Elev (ft)	87.93	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.015980	Flow Area (sq ft)	2.34	3.40	
Q Total (cfs)	10.00	Flow (cfs)	2.07	7.93	
Top Width (ft)	15.05	Top Width (ft)	7.12	7.93	
Vel Total (ft/s)	1.74	Avg. Vel. (ft/s)	0.88	2.33	
Max Chl Dpth (ft)	0.86	Hydr. Depth (ft)	0.33	0.43	
Crit W.S. (ft)	87.71	Wetted Per. (ft)	7.24	8.14	
Conv. Total (cfs)	79.1	Conv. (cfs)	16.4	62.7	

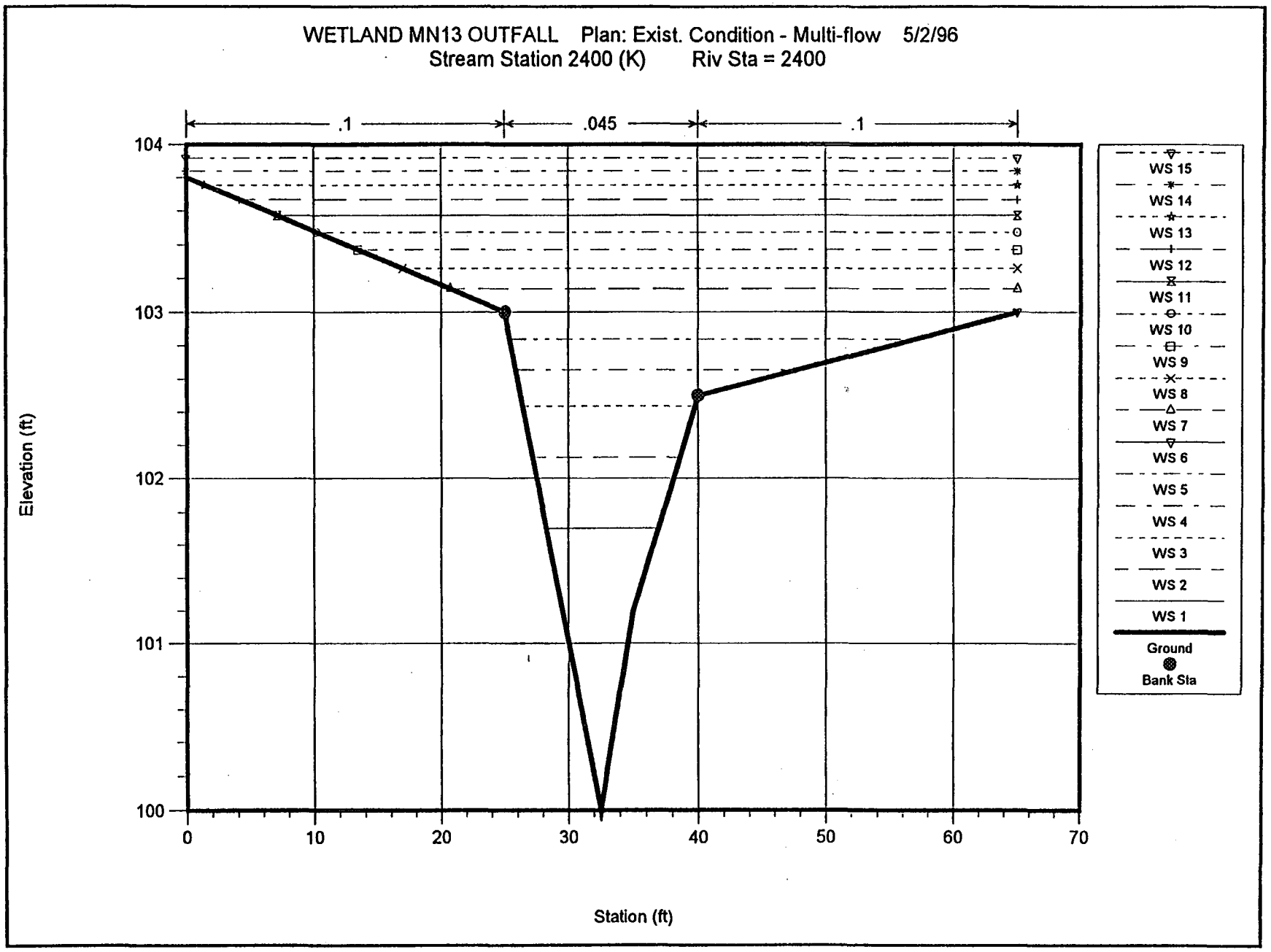
Plan: EXIST. CONDI Reach: MN13R01A Riv Sta: 1000 Profile: 1 5/2/96

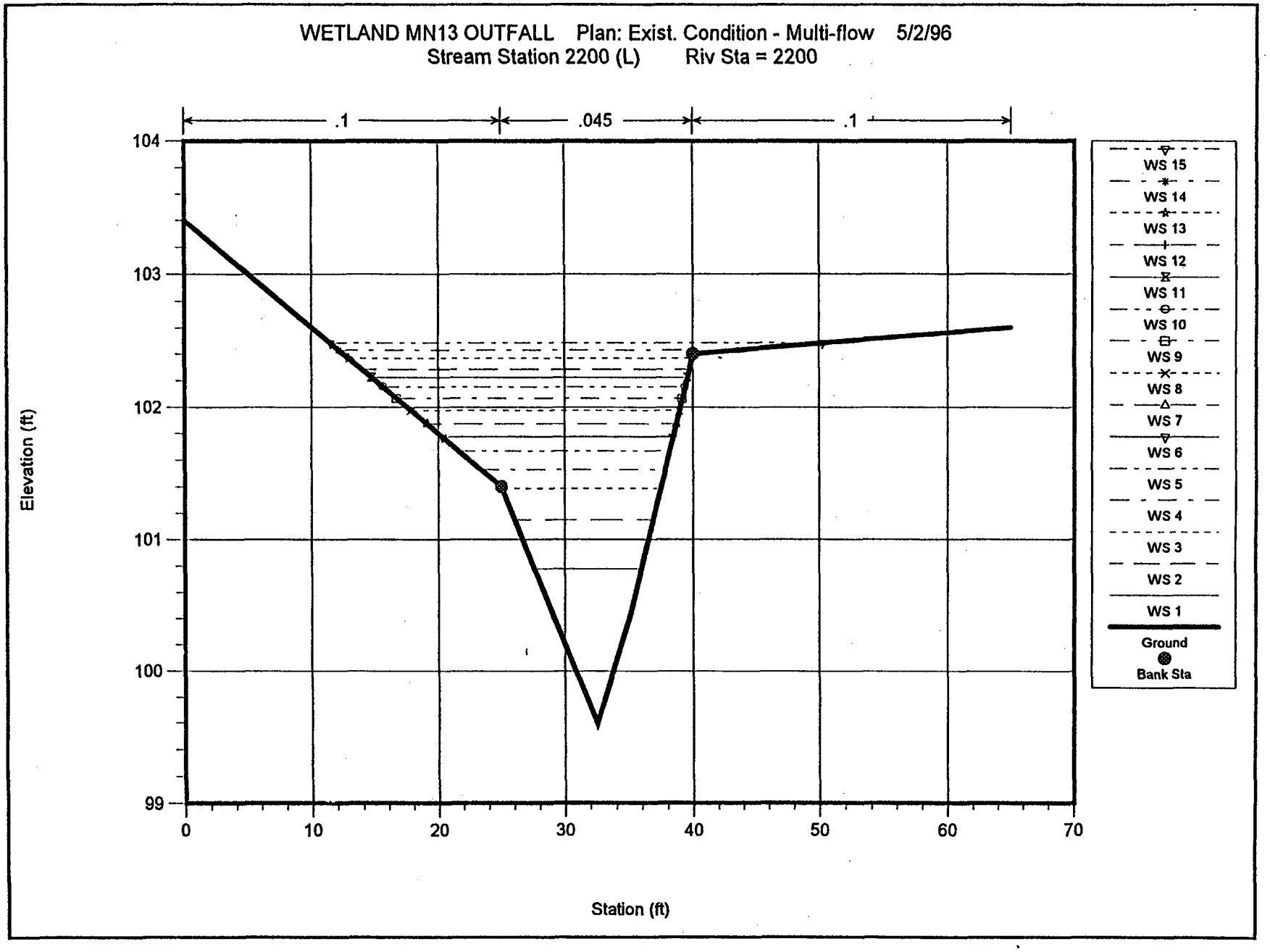
W.S. Elev (ft)	84.48	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.14	Wt. n-Val.		0.045	
E.G. Elev (ft)	84.61	Reach Len. (ft)			
E.G. Slope (ft/ft)	0.017203	Flow Area (sq ft)		3.35	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	5.25	Top Width (ft)		5.25	
Vel Total (ft/s)	2.98	Avg. Vel. (ft/s)		2.98	
Max Chl Dpth (ft)	1.28	Hydr. Depth (ft)		0.64	
Crit W.S. (ft)	84.27	Wetted Per. (ft)		5.86	
Conv. Total (cfs)	76.2	Conv. (cfs)		76.2	

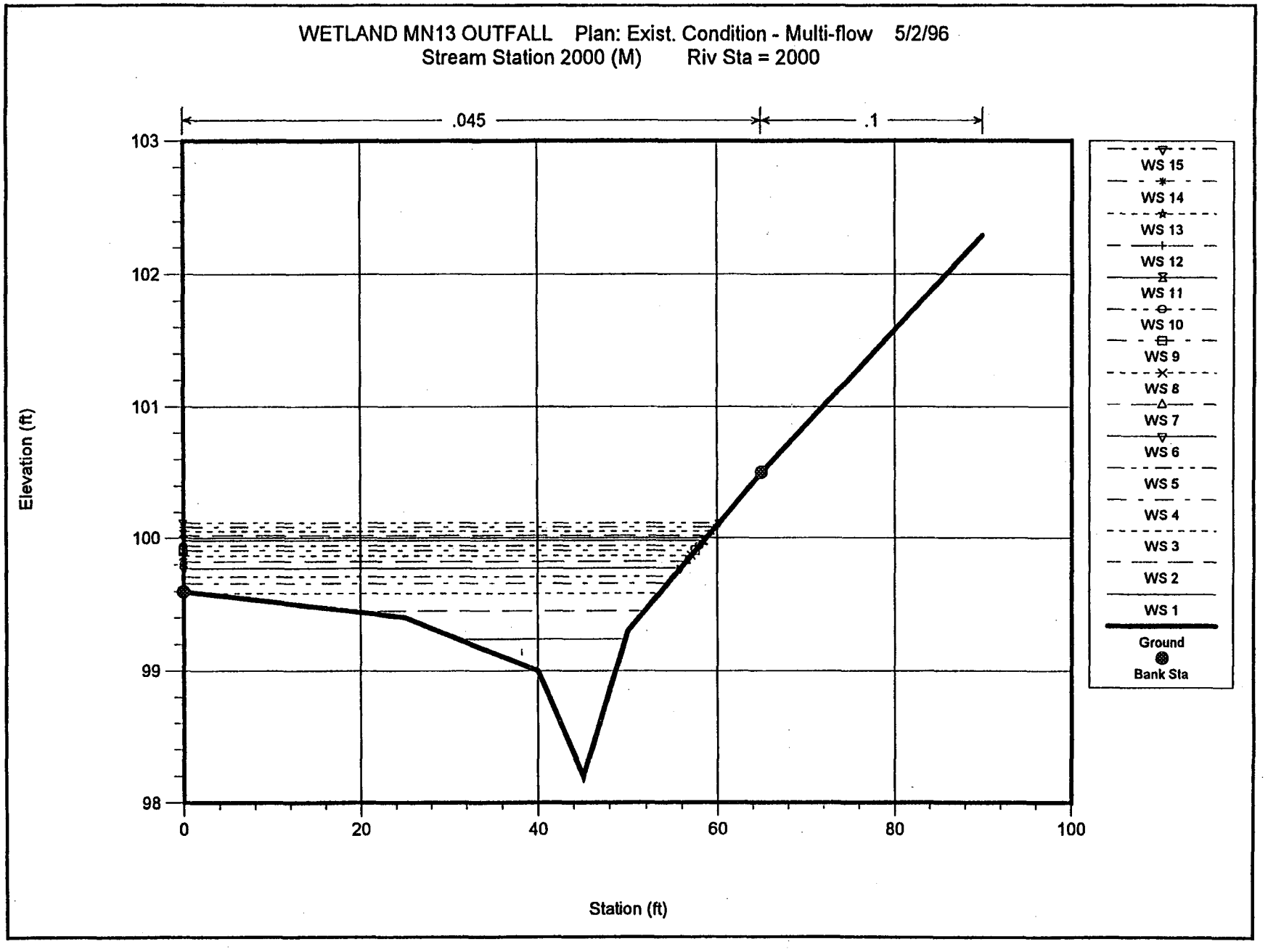

WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 2600 (J) Riv Sta = 2600
W.S. Elev
W.S. Elev (ft)
105.5
105.0
104.5
104.0
103.5
103.0
102.5
102.0
101.5
0
50
100
150
Q Total (cfs)

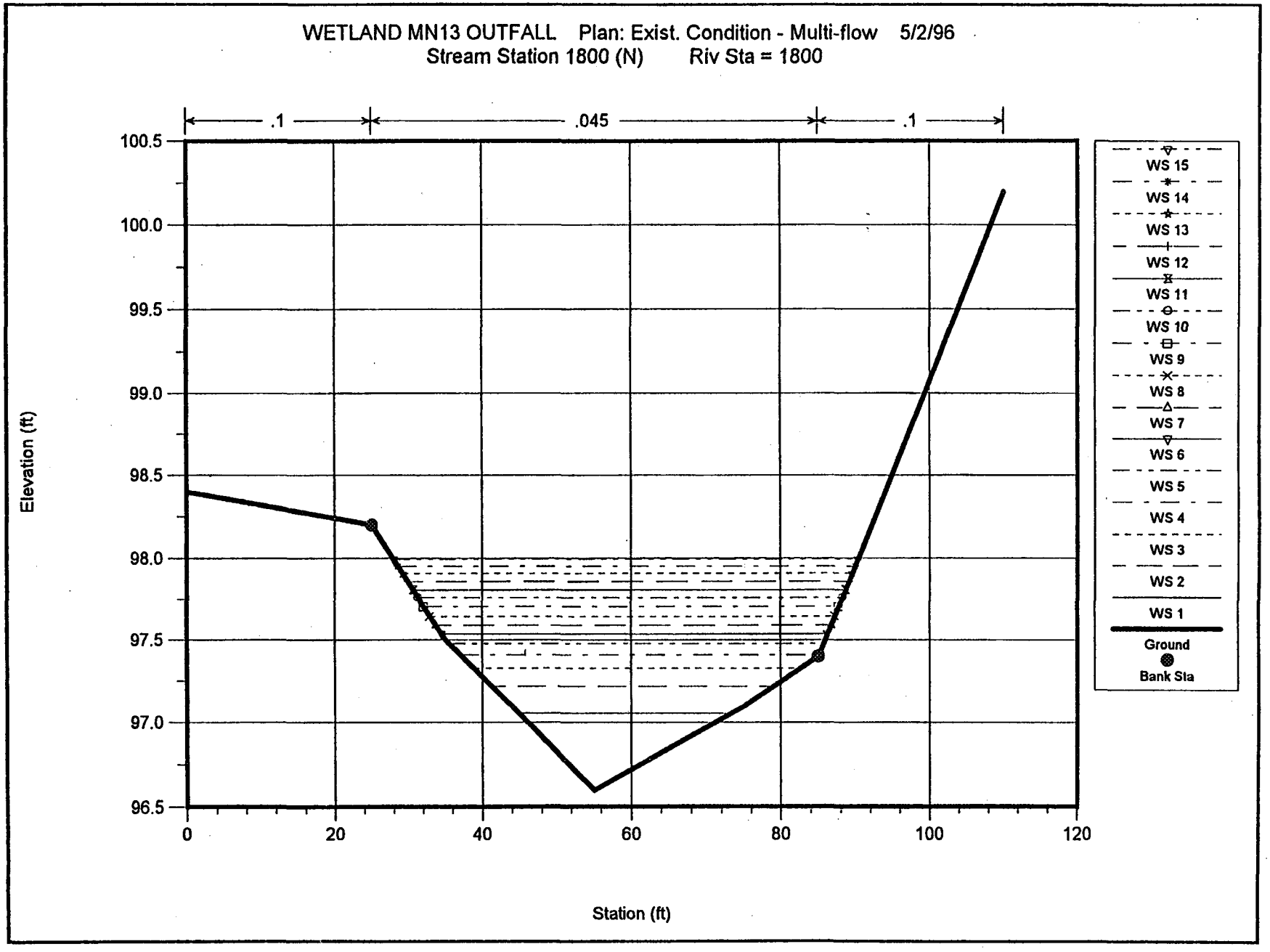

WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 52 296
MN13R01A
5 E
110
105
100
95
90
85
80
Elevation (ft)
0
500
1000
1500
2000
Main Channel Distance (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Invert

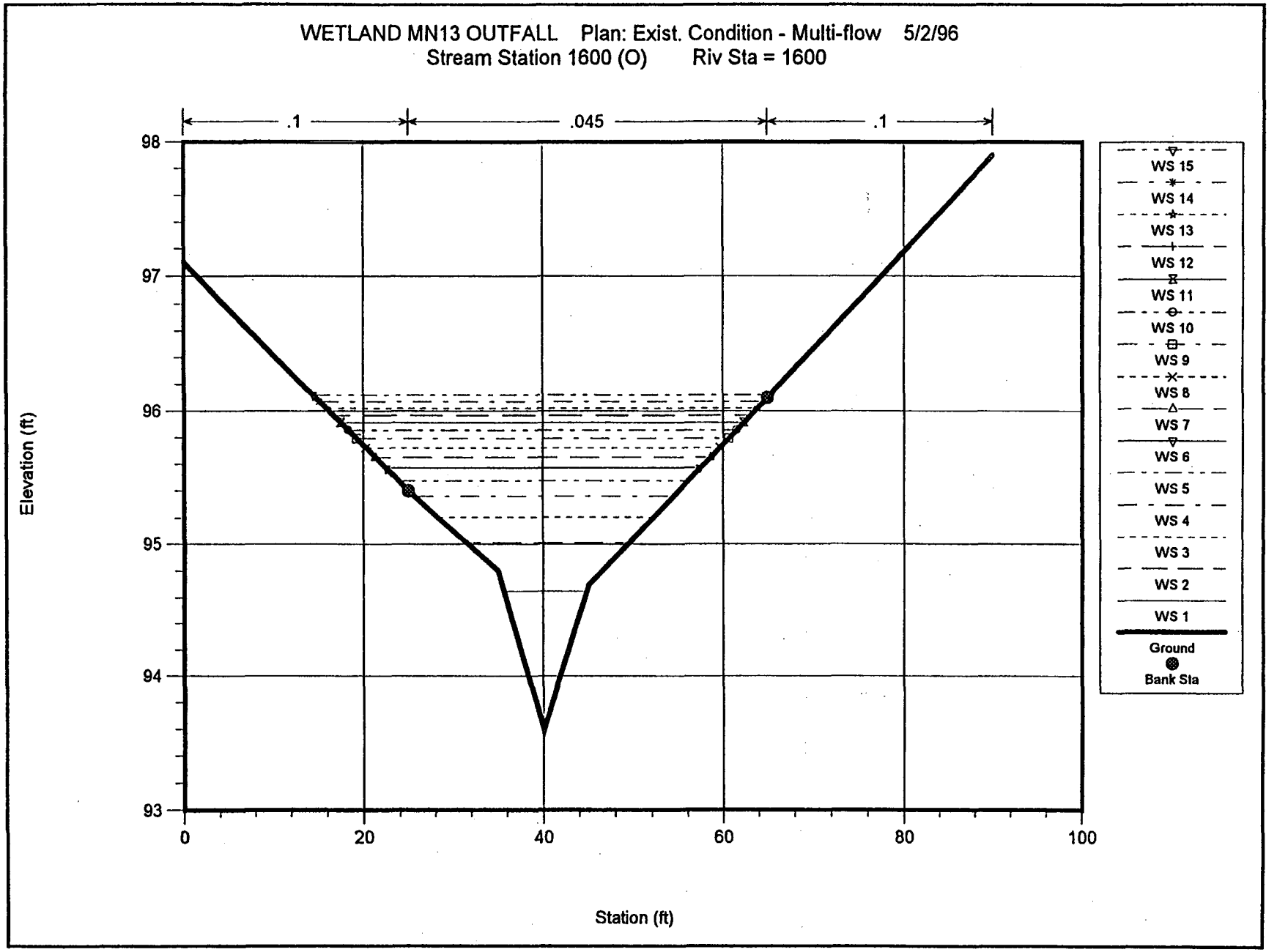

WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 2600 (J) Riv Sta = 2600
.1
.045
.1
105.5
105.0
104.5
104.0
103.5
103.0
102.5
102.0
101.5
Elevation (ft)
0
10
20
30
40
50
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

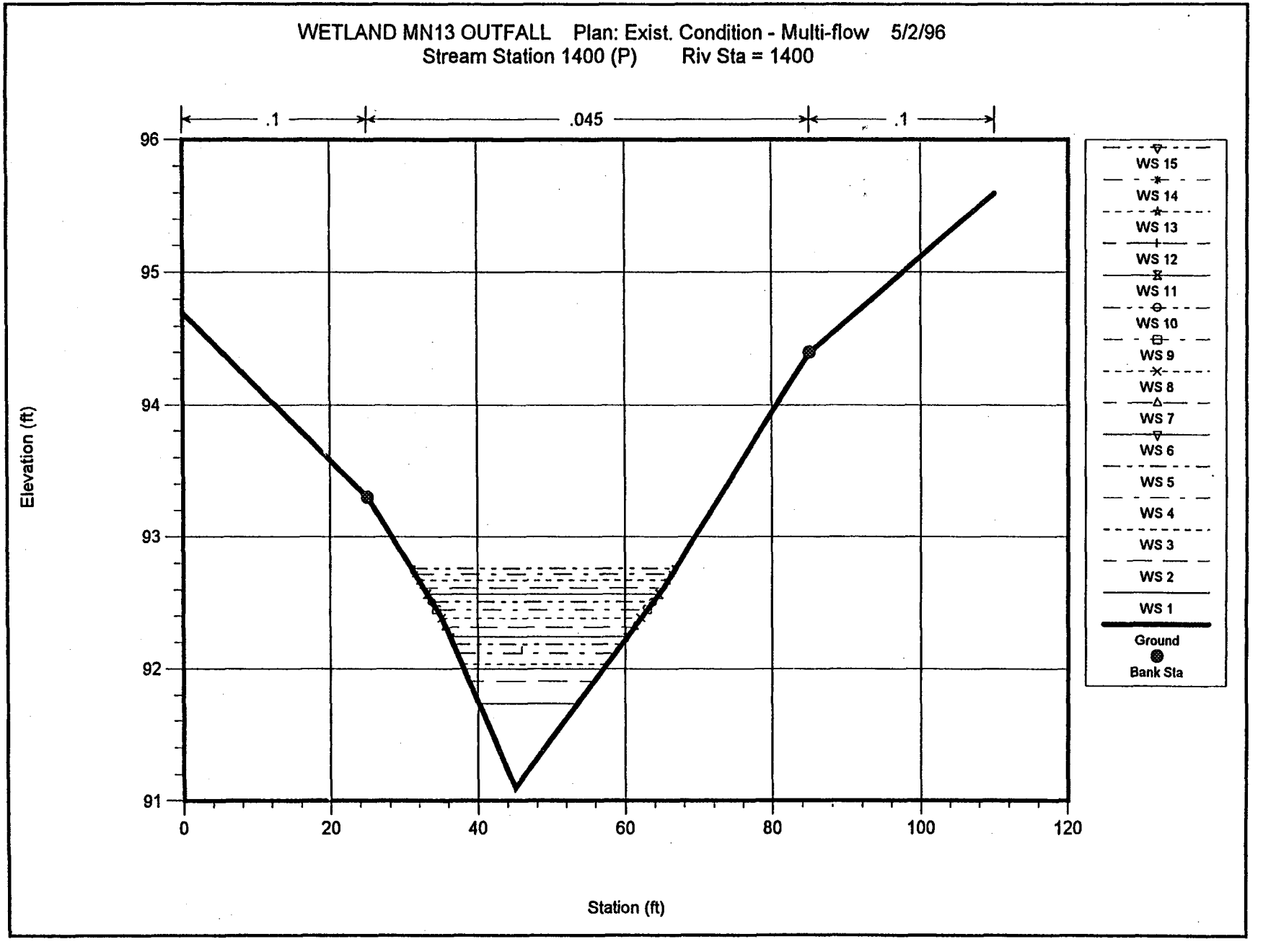

WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 2400 (K) Riv Sta = 2400
.1
.045
.1
104
103
102
101
100
0
10
20
30
40
50
60
70
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

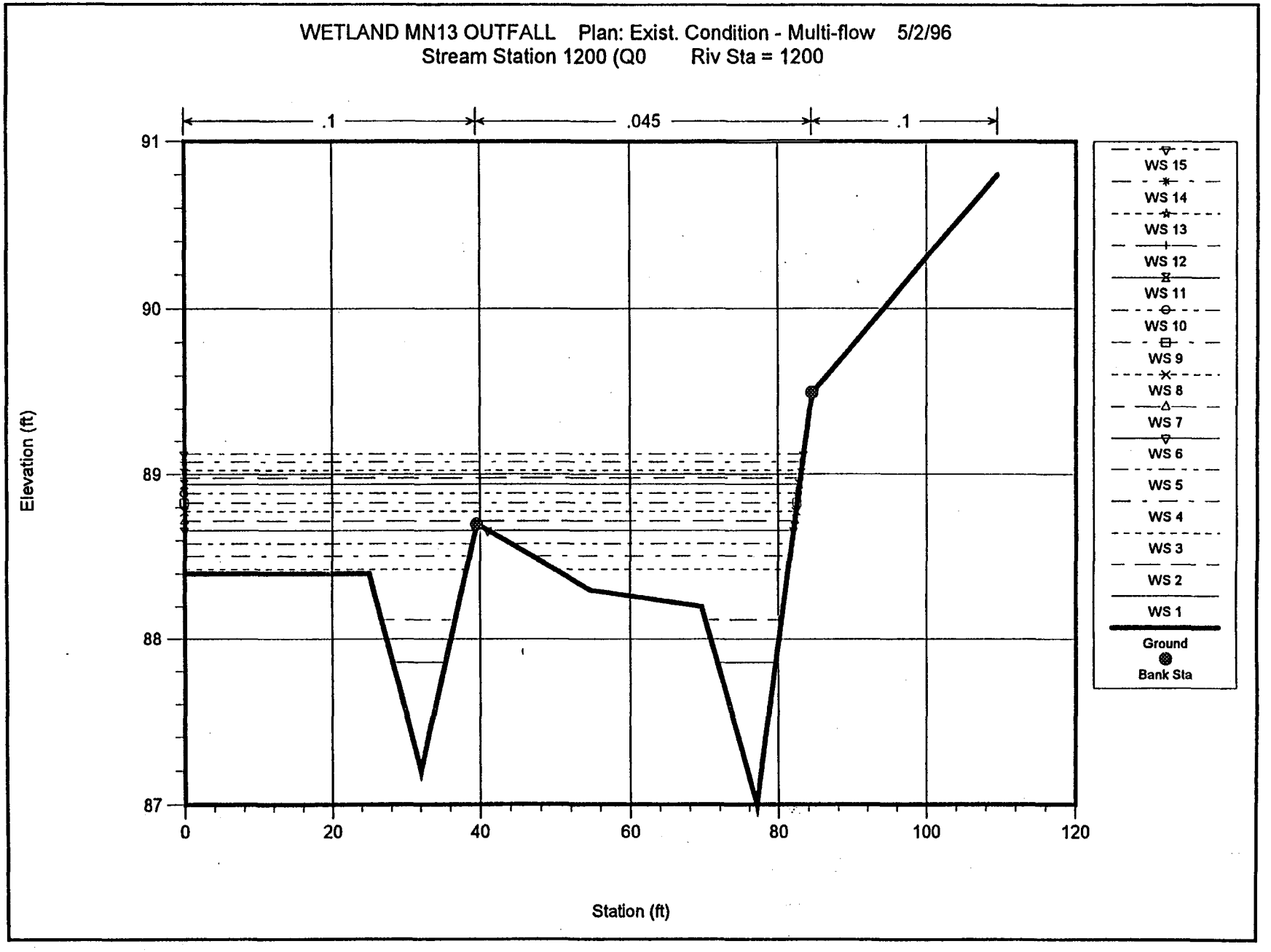

WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 2200 (L) Riv Sta = 2200
.1
.045
.1
104
103
102
101
100
99
0
10
20
30
40
50
60
70
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

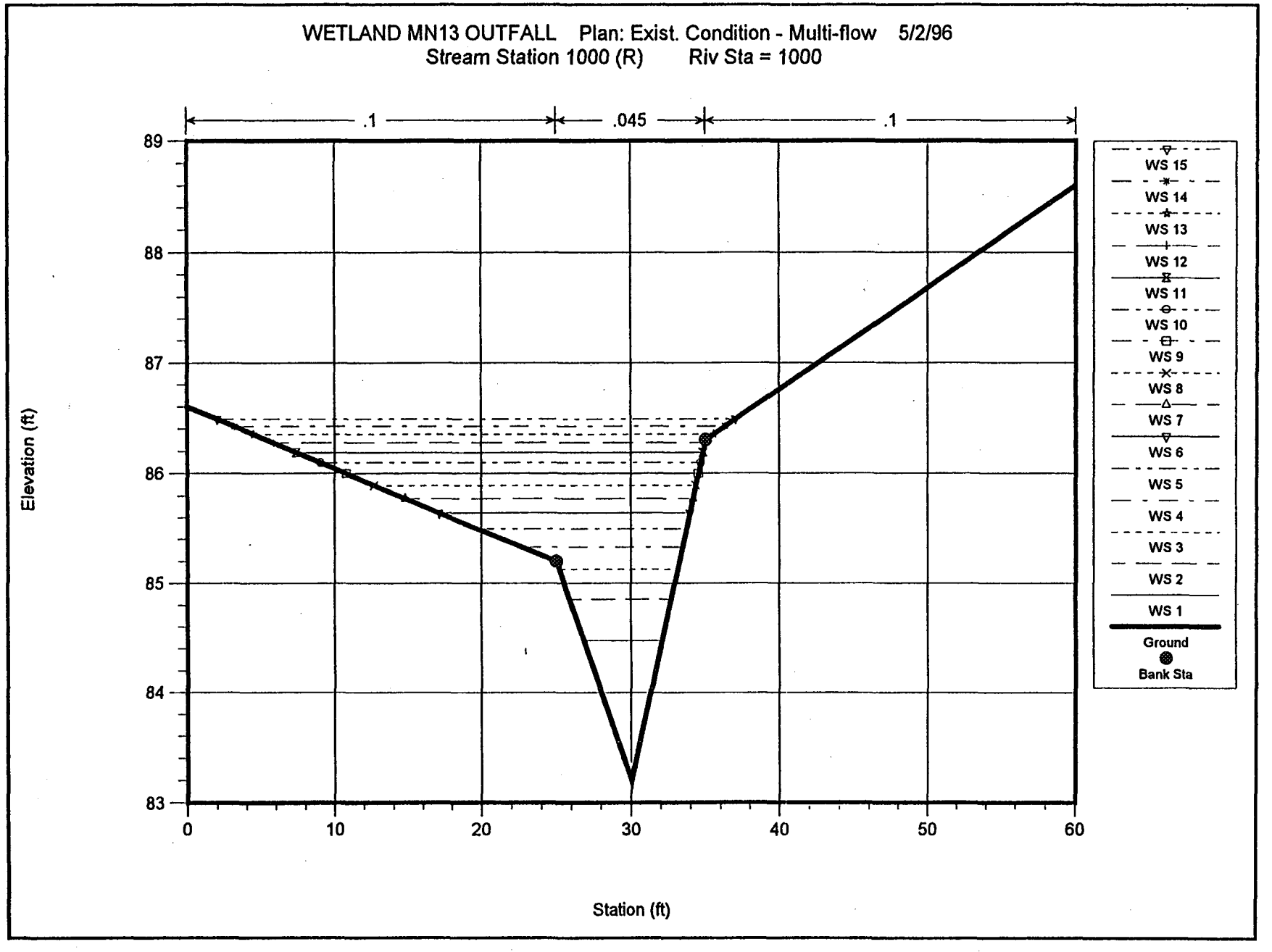

WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 2000 (M) Riv Sta = 2000
.045
.1
Elevation (ft)
103
102
101
100
99
98
0
20
40
60
80
100
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 1800 (N) Riv Sta = 1800
.1
.045
.1
100.5
100.0
99.5
99.0
98.5
98.0
97.5
97.0
96.5
Elevation (ft)
0
20
40
60
80
100
120
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 1600 (O) Riv Sta = 1600
.1
.045
.1
98
97
96
95
94
93
0
20
40
60
80
100
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 1400 (P) Riv Sta = 1400
.1
.045
.1
96
95
94
93
92
91
0
20
40
60
80
100
120
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 1200 (Q0 Riv Sta = 1200
.1
.045
.1
91
90
89
88
87
0
20
40
60
80
100
120
Elevation (ft)
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


WETLAND MN13 OUTFALL Plan: Exist. Condition - Multi-flow 5/2/96
Stream Station 1000 (R) Riv Sta = 1000
.1
.045
.1
Elevation (ft)
89
88
87
86
85
84
83
0
10
20
30
40
50
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

EXISTING CONDITIONS

HEC-RAS ANALYSIS

(Carpenter Branch)

HEC-RAS Version 1.1 January 1996
U.S. Army Corp of Engineers
Hydrologic Engineering Center
609 Second Street, Suite D
Davis, California 95616-4687
(916) 756-1104

```
X     X  XXXXXX    XXXX        XXXX       XX      XXXX
X     X  X        X    X      X   X     X  X    X
X     X  X        X           X   X    X    X   X
XXXXXXX  XXXX     X      XXX  XXXX     XXXXXX    XXXX
X     X  X        X           X  X     X    X       X
X     X  X        X    X      X   X    X    X       X
X     X  XXXXXX    XXXX       X    X   X    X   XXXXX
```

PROJECT DATA
Project Title: CARPENTER BRANCH
Project File : oc-70.prj
Run Date and Time: 5/2/96 10:55:20 AM

Project in English units

PLAN DATA

Plan Title: EXISTING CONDITIONS
Plan File : c:\hec\ras\data\oc-70\oc-70.p01

Geometry Title: EXISTING CONDITIONS
Geometry File : c:\hec\ras\data\oc-70\oc-70.p01

Flow Title : EXISTING CONDITIONS
Flow File : c:\hec\ras\data\oc-70\oc-70.p01

Plan Summary Information:
Number of: Cross Sections = 6 Mulitple Openings = 0
Culverts = 0 Inline Weirs = 0
Bridges = 0

Computational Information
Water surface calculation tolerance = .01
Critical depth calculaton tolerance = .01
Maximum number of interations = 20
Maximum difference tolerance = .3
Flow tolerance factor = .001

Computational Flow Regime: Mixed Flow

Encroachment Data: None

Flow Distribution Locations: None

FLOW DATA

Flow Title: PRELIMINARY FLOW DATA
Flow File : c:\hec\ras\data\oc-70\oc-70.f01

Flow Data (cfs)

Reach	Riv Sta	PF#1	PF#2	PF#3	PF#4	PF#5	PF#6	PF#7	PF#8	PF#9	PF#10	PF#11	PF#12	PF#13	PF#14	PF#15
LP16N01A	11000	10	20	30	40	50	70	90	110	130	150	170	190	210	230	250
LP16N01A	10000	10	20	30	40	50	70	90	110	130	150	170	190	210	230	250

Boundary Conditions

Reach	Profile	Upstream	Downstream
LP16N01A	1	Normal S = .002	Normal S = .0075
LP16N01A	2	Normal S = .002	Normal S = .0075
LP16N01A	3	Normal S = .002	Normal S = .0075
LP16N01A	4	Normal S = .002	Normal S = .0075
LP16N01A	5	Normal S = .002	Normal S = .0075
LP16N01A	6	Normal S = .002	Normal S = .0075
LP16N01A	7	Normal S = .002	Normal S = .0075
LP16N01A	8	Normal S = .002	Normal S = .0075
LP16N01A	9	Normal S = .002	Normal S = .0075
LP16N01A	10	Normal S = .002	Normal S = .0075
LP16N01A	11	Normal S = .002	Normal S = .0075
LP16N01A	12	Normal S = .002	Normal S = .0075
LP16N01A	13	Normal S = .002	Normal S = .0075
LP16N01A	14	Normal S = .002	Normal S = .0075
LP16N01A	15	Normal S = .002	Normal S = .0075

GEOMETRY DATA

Geometry Title: CARPENTER BRANCH CROSS-SECTIONS
Geometry File : c:\hec\ras\data\oc-70\oc-70.g01

CROSS SECTION INPUT Reach: LP16N01A River Station: 11000
Description: SURVEY STATION 10+00

Station Elevation Data. num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
-50	58.4	-7	58.3	-2	56.7	0	56.6	2	56.7
9	58.3	50	58.1						

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
-50	.06	-7	.045	9	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
-7	9	200	200	.1	.3

CROSS SECTION INPUT Reach: LP16N01A River Station: 10800
Description: SURVEY STATION 12+00

Station Elevation Data. num = 9

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
-50	60.7	-21	60.2	-10	59.1	-2	56.4	0	56.2
3	56.4	8	57.9	20	59.8	50	61.7		

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
-50	.06	-10	.045	8	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
-10	8	200	200	.1	.3

CROSS SECTION INPUT Reach: LP16N01A River Station: 10600
Description: SURVEY STATION 14+00

Station Elevation Data. num = 8

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
-50	59.4	-12	58.9	-4	55.5	0	55	3	55.3
10	57.6	17	59.3	50	58.5				

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
-50	.06	-12	.045	10	.06

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
-12 10 200 200 200 .1 .3

CROSS SECTION INPUT Reach: LP16N01A River Station: 10400
Description: SURVEY STATION 16+00

Station Elevation Data. num = 9

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
-50	58	-8	57.6	-1	54.5	0	54.3	1	54.6
3	55.1	8	55.4	15	57.9	50	57.6		

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
-50	.06	-8	.045	15	.06

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
-8 15 200 200 200 .1 .3

CROSS SECTION INPUT Reach: LP16N01A River Station: 10200
Description: SURVEY STATION 18+00

Station Elevation Data. num = 7

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
-50	55.1	-6	54.9	-2	54	0	53.7	2	53.8
8	55.6	50	55.1						

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
-50	.06	-6	.045	8	.06

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
-6 8 200 200 200 .1 .3

CROSS SECTION INPUT Reach: LP16N01A River Station: 10000
Description: SURVEY STATION 20+00

Station Elevation Data. num = 6

Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.	Sta.	Elev.
-50	55.1	-9	53.9	0	52.2	4	52.8	9	53.8
50	55.1								

Manning's n Values. num = 3

Sta.	Value	Sta.	Value	Sta.	Value
-50	.06	-9	.045	9	.06

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
-9	9	0	0	.1	.3

SUMMARY OF MANNING'S N VALUES

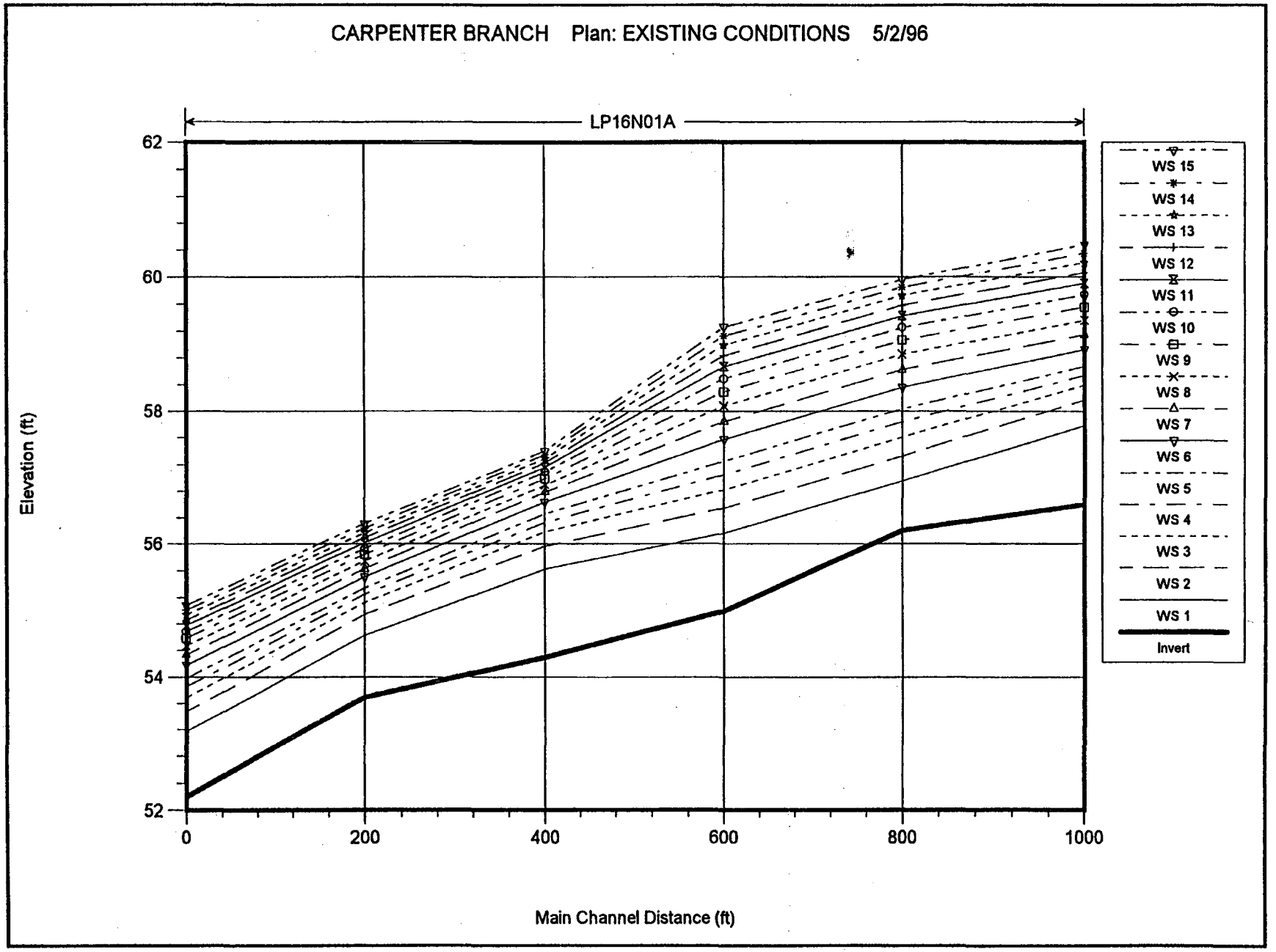
Reach	River Sta.	n1	n2	n3
LP16N01A	11000	.06	.045	.06
LP16N01A	10800	.06	.045	.06
LP16N01A	10600	.06	.045	.06
LP16N01A	10400	.06	.045	.06
LP16N01A	10200	.06	.045	.06
LP16N01A	10000	.06	.045	.06

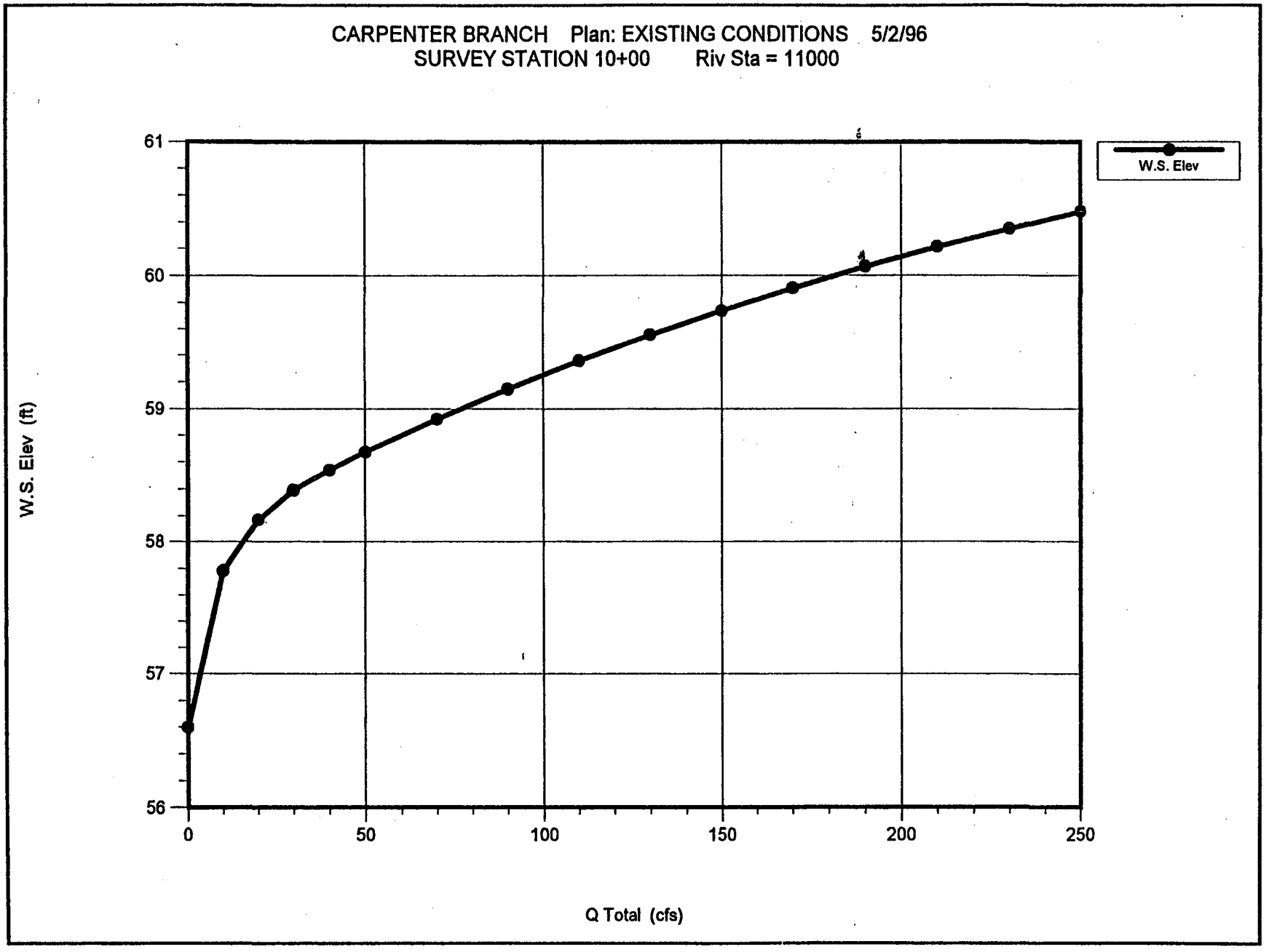
SUMMARY OF REACH LENGTHS

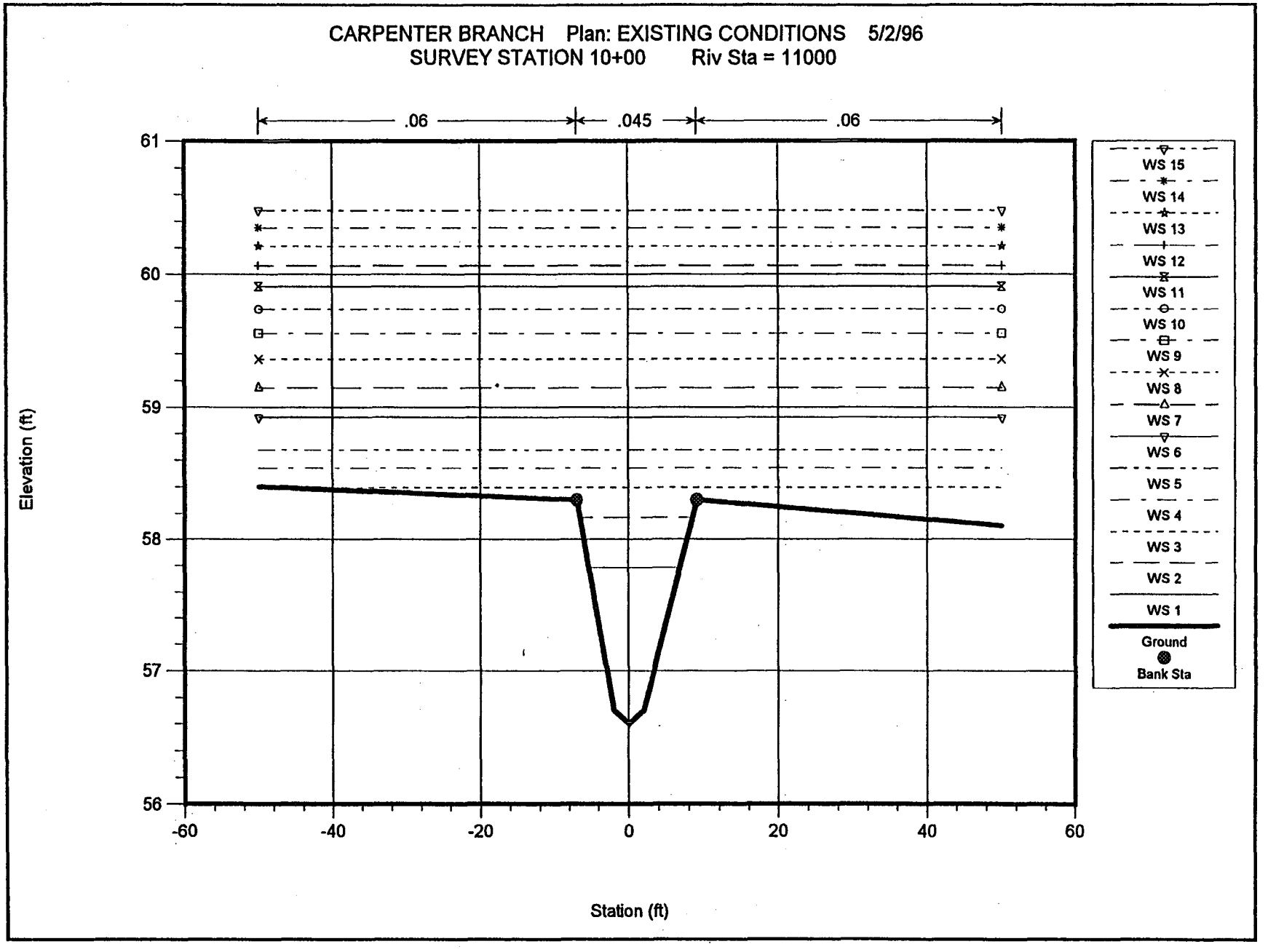
Reach	River Sta.	Left	Channel	Right
LP16N01A	11000	200	200	200
LP16N01A	10800	200	200	200
LP16N01A	10600	200	200	200
LP16N01A	10400	200	200	200
LP16N01A	10200	200	200	200
LP16N01A	10000	0	0	0

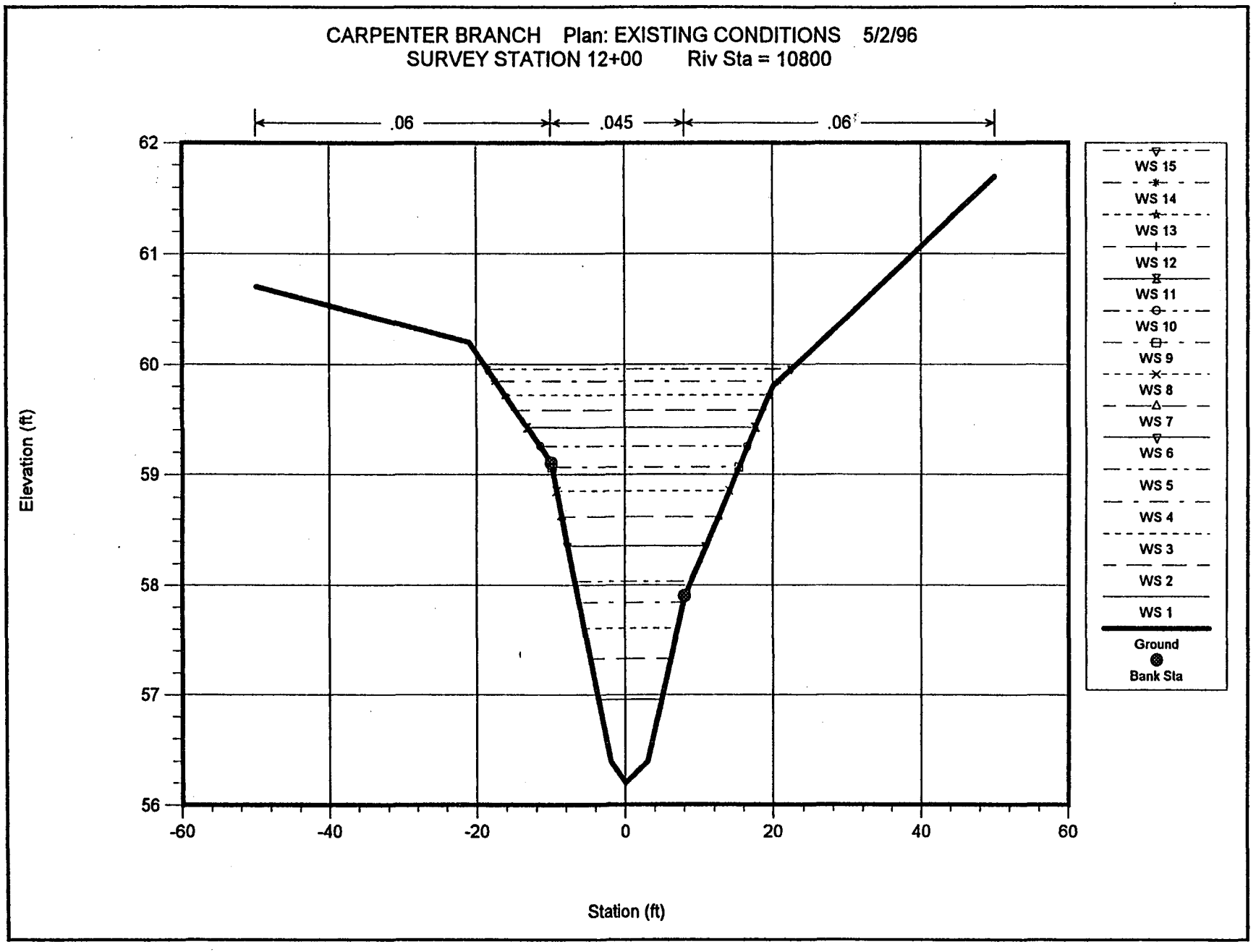
SUMMARY OF CONTRACTION AND EXPANSION COEFFICIENTS

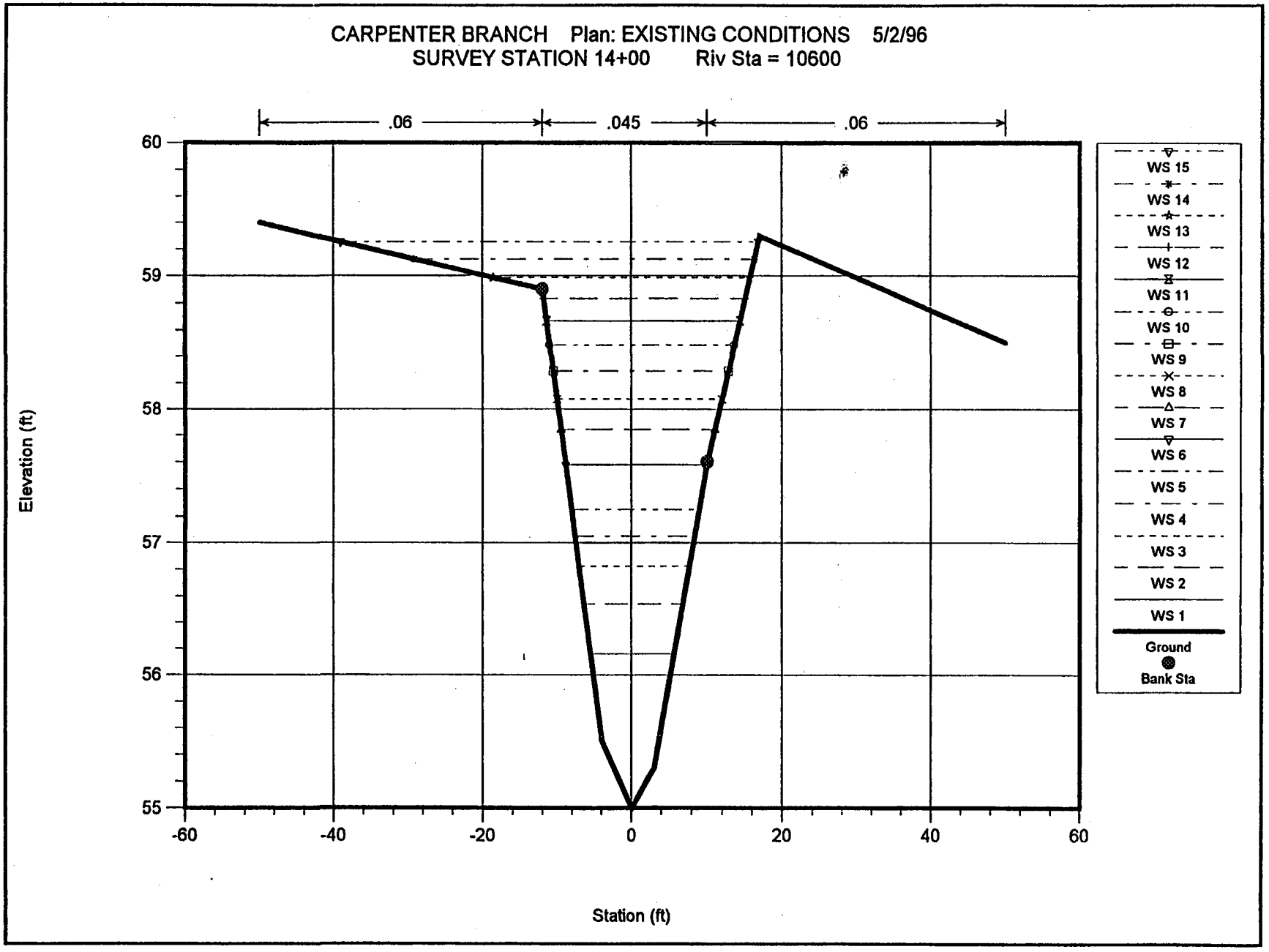
Reach	River Sta.	Contr.	Expan.
LP16N01A	11000	.1	.3
LP16N01A	10800	.1	.3
LP16N01A	10600	.1	.3
LP16N01A	10400	.1	.3
LP16N01A	10200	.1	.3
LP16N01A	10000	.1	.3

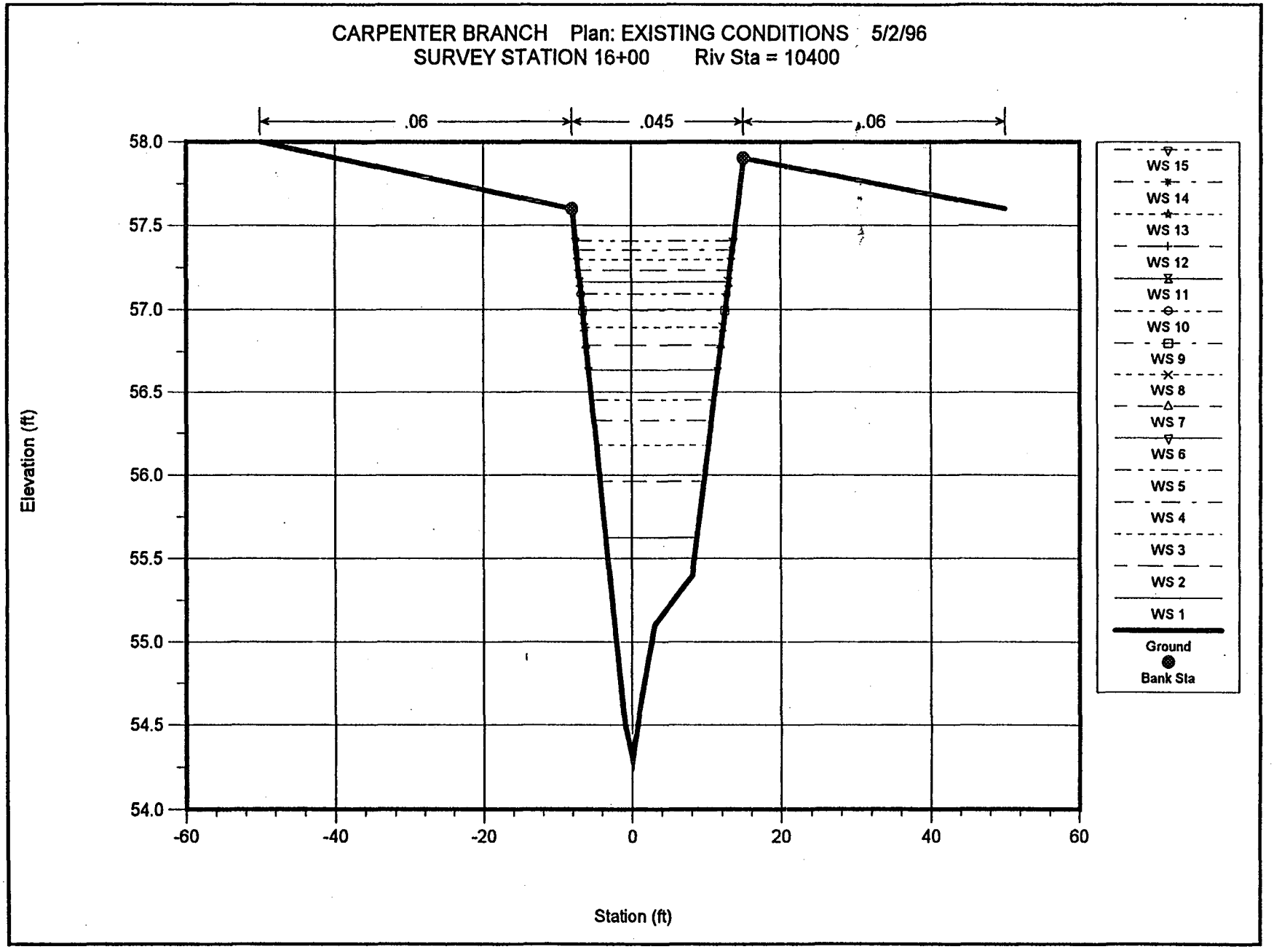

CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
LP16N01A
Elevation (ft)
62
60
58
56
54
52
0
200
400
600
800
1000
Main Channel Distance (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Invert

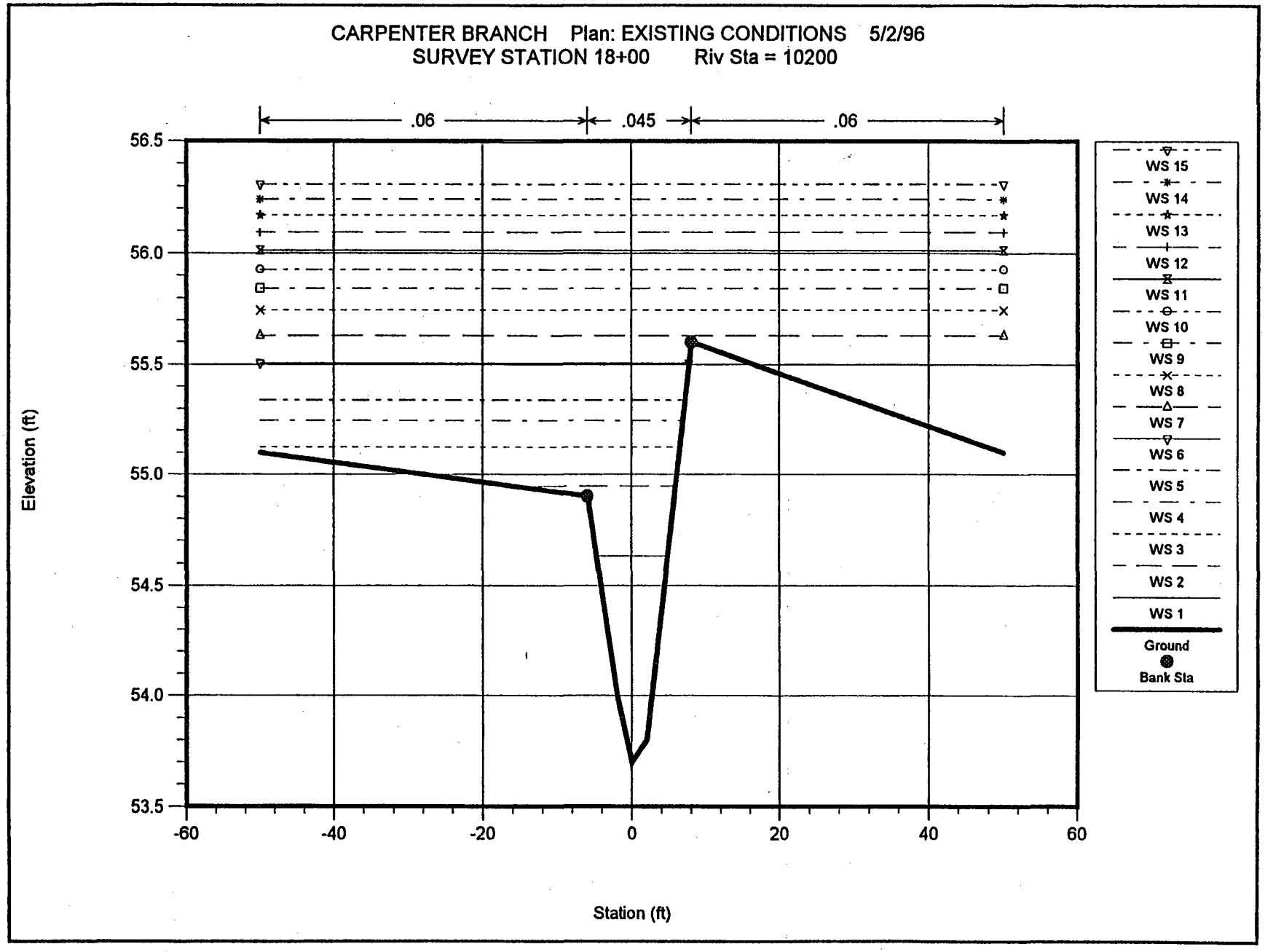

CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
SURVEY STATION 10+00 Riv Sta = 11000
W.S. Elev
W.S. Elev (ft)
61
60
59
58
57
56
0
50
100
150
200
250
Q Total (cfs)

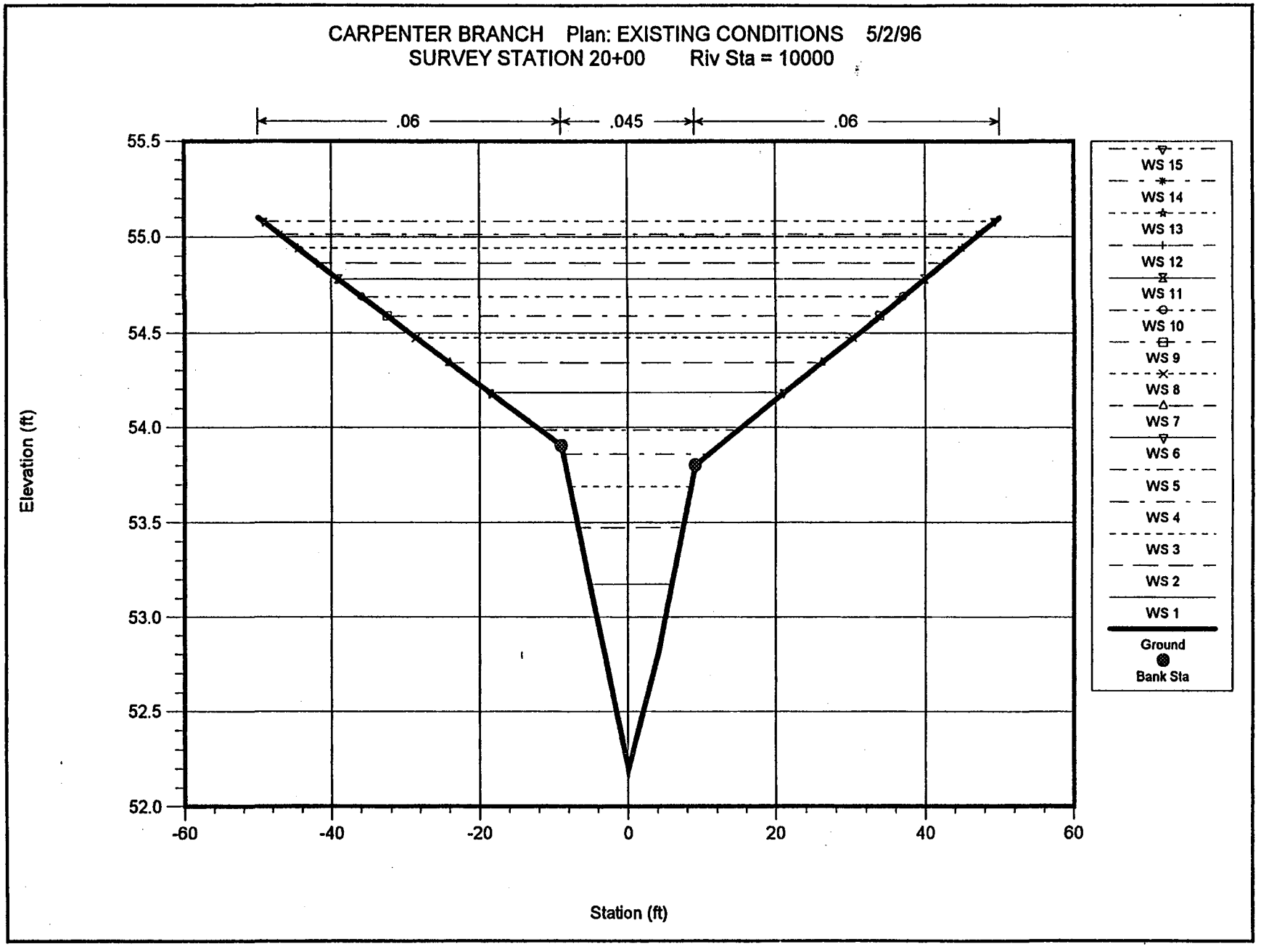

CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
SURVEY STATION 10+00 Riv Sta = 11000
.06
.045
.06
61
60
59
58
57
56
Elevation (ft)
-60
-40
-20
0
20
40
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
SURVEY STATION 12+00 Riv Sta = 10800
.06
.045
.06
62
61
60
59
58
57
56
Elevation (ft)
-60
-40
-20
0
20
40
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
SURVEY STATION 14+00 Riv Sta = 10600
.06
.045
.06
60
59
58
57
56
55
Elevation (ft)
-60
-40
-20
0
20
40
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
SURVEY STATION 16+00 Riv Sta = 10400
.06
.045
.06
58.0
57.5
57.0
56.5
56.0
55.5
55.0
54.5
54.0
Elevation (ft)
-60
-40
-20
0
20
40
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
SURVEY STATION 18+00 Riv Sta = 10200
.06
.045
.06
56.5
56.0
55.5
55.0
54.5
54.0
53.5
Elevation (ft)
-60
-40
-20
0
20
40
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta


CARPENTER BRANCH Plan: EXISTING CONDITIONS 5/2/96
SURVEY STATION 20+00 Riv Sta = 10000
.06
.045
.06
55.5
55.0
54.5
54.0
53.5
53.0
52.5
52.0
Elevation (ft)
-60
-40
-20
0
20
40
60
Station (ft)
WS 15
WS 14
WS 13
WS 12
WS 11
WS 10
WS 9
WS 8
WS 7
WS 6
WS 5
WS 4
WS 3
WS 2
WS 1
Ground
Bank Sta

HEC-RAS Plan: EXISTING CON Reach: LP16N01A 5/2/96

River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
11000	10.00	56.60	57.78		57.80	0.001793	1.12	8.92	12.11	0.23
11000	20.00	56.60	58.17		58.20	0.002047	1.41	14.59	28.71	0.26
11000	30.00	56.60	58.39		58.42	0.001939	1.53	27.27	96.16	0.26
11000	40.00	56.60	58.54		58.57	0.001652	1.53	41.95	100.00	0.24
11000	50.00	56.60	58.68		58.70	0.001372	1.49	55.65	100.00	0.22
11000	70.00	56.60	58.92		58.94	0.001033	1.45	80.41	100.00	0.20
11000	90.00	56.60	59.15		59.16	0.000850	1.43	102.73	100.00	0.18
11000	110.00	56.60	59.36		59.38	0.000728	1.42	123.90	100.00	0.17
11000	130.00	56.60	59.55		59.57	0.000651	1.43	143.47	100.00	0.17
11000	150.00	56.60	59.74		59.75	0.000598	1.44	161.83	100.00	0.16
11000	170.00	56.60	59.91		59.93	0.000562	1.46	178.97	100.00	0.16
11000	190.00	56.60	60.07		60.08	0.000538	1.49	194.76	100.00	0.16
11000	210.00	56.60	60.21		60.23	0.000523	1.52	209.50	100.00	0.16
11000	230.00	56.60	60.35		60.37	0.000514	1.55	223.21	100.00	0.16
11000	250.00	56.60	60.48		60.50	0.000508	1.59	236.11	100.00	0.16
10800	10.00	56.20	56.96		57.04	0.013044	2.34	4.26	8.51	0.58
10800	20.00	56.20	57.33		57.43	0.009503	2.55	7.85	10.84	0.53
10800	30.00	56.20	57.61		57.72	0.008132	2.69	11.16	12.62	0.50
10800	40.00	56.20	57.84		57.96	0.007406	2.80	14.26	14.08	0.49
10800	50.00	56.20	58.03		58.17	0.006869	2.93	17.09	15.68	0.48
10800	70.00	56.20	58.36		58.51	0.006148	3.16	22.69	18.70	0.47
10800	90.00	56.20	58.62		58.79	0.005907	3.37	27.90	21.13	0.47
10800	110.00	56.20	58.85		59.04	0.005708	3.53	33.07	23.29	0.47
10800	130.00	56.20	59.06		59.26	0.005557	3.68	38.15	25.23	0.47
10800	150.00	56.20	59.25		59.47	0.005314	3.81	43.11	28.02	0.47
10800	170.00	56.20	59.42		59.65	0.005105	3.94	48.17	30.83	0.46
10800	190.00	56.20	59.58		59.82	0.004958	4.06	53.24	33.40	0.46
10800	210.00	56.20	59.72		59.97	0.004888	4.19	58.09	35.69	0.46
10800	230.00	56.20	59.84		60.11	0.004899	4.33	62.68	38.15	0.47

HEC-RAS Plan: EXISTING CON Reach: LP16N01A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (fps)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
10800	250.00	56.20	59.96		60.24	0.004960	4.48	67.16	41.07	0.47
10600	10.00	55.00	56.16		56.18	0.002052	1.20	8.30	11.17	0.25
10600	20.00	55.00	56.54		56.58	0.002356	1.55	12.94	13.22	0.28
10600	30.00	55.00	56.82		56.87	0.002532	1.77	16.90	14.75	0.29
10600	40.00	55.00	57.05		57.11	0.002675	1.96	20.42	15.98	0.31
10600	50.00	55.00	57.25		57.32	0.002795	2.11	23.66	17.04	0.32
10600	70.00	55.00	57.58		57.66	0.002984	2.37	29.56	18.82	0.33
10600	90.00	55.00	57.84		57.95	0.003050	2.60	34.78	20.51	0.34
10600	110.00	55.00	58.08		58.20	0.003104	2.79	39.76	22.03	0.35
10600	130.00	55.00	58.29		58.43	0.003149	2.97	44.60	23.41	0.36
10600	150.00	55.00	58.49		58.63	0.003192	3.12	49.29	24.67	0.37
10600	170.00	55.00	58.67		58.83	0.003219	3.25	54.46	32.74	0.37
10600	190.00	55.00	58.83		59.01	0.003237	3.37	60.56	40.67	0.37
10600	210.00	55.00	58.99		59.17	0.003203	3.47	67.62	54.34	0.38
10600	230.00	55.00	59.13		59.31	0.003137	3.55	76.38	71.27	0.37
10600	250.00	55.00	59.26		59.45	0.003052	3.61	86.71	87.10	0.37
10400	10.00	54.30	55.62		55.65	0.003518	1.37	7.32	12.17	0.31
10400	20.00	54.30	55.96		56.01	0.003520	1.71	11.72	13.88	0.33
10400	30.00	54.30	56.18		56.24	0.004014	2.02	14.83	14.97	0.36
10400	40.00	54.30	56.33		56.41	0.004742	2.34	17.10	15.72	0.40
10400	50.00	54.30	56.45		56.56	0.005396	2.61	19.12	16.35	0.43
10400	70.00	54.30	56.64		56.79	0.006934	3.15	22.20	17.28	0.49
10400	90.00	54.30	56.79		56.99	0.008316	3.62	24.89	18.05	0.54
10400	110.00	54.30	56.89		57.15	0.010061	4.10	26.83	18.59	0.60
10400	130.00	54.30	56.99		57.31	0.011644	4.53	28.70	19.09	0.65
10400	150.00	54.30	57.09		57.46	0.012991	4.90	30.58	19.58	0.69
10400	170.00	54.30	57.16		57.60	0.014686	5.31	32.02	19.95	0.74
10400	190.00	54.30	57.23		57.73	0.016312	5.69	33.40	20.30	0.78

HEC-RAS Plan: EXISTING CON Reach: LP16N01A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
10400	210.00	54.30	57.29		57.86	0.017934	6.05	34.70	20.62	0.82
10400	230.00	54.30	57.35		57.99	0.019564	6.41	35.91	20.91	0.86
10400	250.00	54.30	57.41		58.11	0.021217	6.75	37.04	21.18	0.90
10200	10.00	53.70	54.63		54.69	0.007122	1.86	5.36	9.58	0.44
10200	20.00	53.70	54.95		55.03	0.007326	2.28	9.00	22.07	0.47
10200	30.00	53.70	55.12		55.21	0.006994	2.49	16.39	58.42	0.47
10200	40.00	53.70	55.24		55.32	0.006313	2.53	24.08	68.97	0.45
10200	50.00	53.70	55.34		55.41	0.005990	2.58	30.87	77.09	0.45
10200	70.00	53.70	55.51		55.57	0.005140	2.57	45.08	91.79	0.42
10200	90.00	53.70	55.63		55.70	0.004894	2.64	56.98	100.00	0.42
10200	110.00	53.70	55.74		55.81	0.004454	2.67	68.55	100.00	0.40
10200	130.00	53.70	55.84		55.91	0.004266	2.74	78.38	100.00	0.40
10200	150.00	53.70	55.93		56.00	0.004231	2.83	86.77	100.00	0.40
10200	170.00	53.70	56.01		56.08	0.004110	2.89	95.40	100.00	0.40
10200	190.00	53.70	56.09		56.17	0.004028	2.96	103.45	100.00	0.40
10200	210.00	53.70	56.17		56.25	0.003975	3.02	111.00	100.00	0.40
10200	230.00	53.70	56.24		56.32	0.003943	3.09	118.13	100.00	0.40
10200	250.00	53.70	56.31		56.39	0.003925	3.16	124.91	100.00	0.40
10000	10.00	52.20	53.18	52.90	53.23	0.007509	1.79	5.57	11.04	0.45
10000	20.00	52.20	53.47	53.13	53.54	0.007508	2.15	9.32	14.11	0.47
10000	30.00	52.20	53.69	53.29	53.78	0.007510	2.38	12.60	16.33	0.48
10000	40.00	52.20	53.86	53.43	53.96	0.007507	2.58	15.54	19.59	0.49
10000	50.00	52.20	53.98	53.55	54.10	0.007509	2.80	18.39	26.61	0.50
10000	70.00	52.20	54.18	53.76	54.33	0.007506	3.17	24.99	39.69	0.51
10000	90.00	52.20	54.34	53.93	54.51	0.007512	3.45	32.09	50.08	0.52
10000	110.00	52.20	54.47	54.11	54.66	0.007504	3.67	39.30	58.79	0.53
10000	130.00	52.20	54.59	54.26	54.79	0.007501	3.85	46.46	66.30	0.54
10000	150.00	52.20	54.69	54.39	54.90	0.007506	4.02	53.49	72.94	0.54

HEC-RAS Plan: EXISTING CON Reach: LP16N01A 5/2/96 (continued)

River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
10000	170.00	52.20	54.78	54.50	55.00	0.007501	4.16	60.46	78.97	0.55
10000	190.00	52.20	54.86	54.59	55.09	0.007505	4.29	67.27	84.44	0.55
10000	210.00	52.20	54.94	54.66	55.17	0.007506	4.41	73.98	89.51	0.56
10000	230.00	52.20	55.01	54.73	55.25	0.007503	4.51	80.61	94.25	0.56
10000	250.00	52.20	55.08	54.80	55.32	0.007500	4.61	87.14	98.70	0.56

Plan: EXISTING CON Reach: LP16N01A Riv Sta: 11000 Profile: 1 5/2/96

W.S. Elev (ft)	57.78	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.		0.045	
E.G. Elev (ft)	57.80	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.001793	Flow Area (sq ft)		8.92	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	12.11	Top Width (ft)		12.11	
Vel Total (ft/s)	1.12	Avg. Vel. (ft/s)		1.12	
Max Chl Dpth (ft)	1.18	Hydr. Depth (ft)		0.74	
Crit W.S. (ft)		Wetted Per. (ft)		12.41	
Conv. Total (cfs)	236.2	Conv. (cfs)		236.2	

Plan: EXISTING CON Reach: LP16N01A Riv Sta: 10800 Profile: 1 5/2/96

W.S. Elev (ft)	56.96	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.09	Wt. n-Val.		0.045	
E.G. Elev (ft)	57.04	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.013044	Flow Area (sq ft)		4.26	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	8.51	Top Width (ft)		8.51	
Vel Total (ft/s)	2.34	Avg. Vel. (ft/s)		2.34	
Max Chl Dpth (ft)	0.76	Hydr. Depth (ft)		0.50	
Crit W.S. (ft)		Wetted Per. (ft)		8.70	
Conv. Total (cfs)	87.6	Conv. (cfs)		87.6	

Plan: EXISTING CON Reach: LP16N01A Riv Sta: 10600 Profile: 1 5/2/96

W.S. Elev (ft)	56.16	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.		0.045	
E.G. Elev (ft)	56.18	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.002052	Flow Area (sq ft)		8.30	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	11.17	Top Width (ft)		11.17	
Vel Total (ft/s)	1.20	Avg. Vel. (ft/s)		1.20	
Max Chl Dpth (ft)	1.16	Hydr. Depth (ft)		0.74	
Crit W.S. (ft)		Wetted Per. (ft)		11.48	
Conv. Total (cfs)	220.7	Conv. (cfs)		220.7	

Plan: EXISTING CON Reach: LP16N01A Riv Sta: 10400 Profile: 1 5/2/96

W.S. Elev (ft)	55.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.		0.045	
E.G. Elev (ft)	55.65	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.003518	Flow Area (sq ft)		7.32	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	12.17	Top Width (ft)		12.17	
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)		1.37	
Max Chl Dpth (ft)	1.32	Hydr. Depth (ft)		0.60	
Crit W.S. (ft)		Wetted Per. (ft)		12.58	
Conv. Total (cfs)	168.6	Conv. (cfs)		168.6	

Plan: EXISTING CON Reach: LP16N01A Riv Sta: 10200 Profile: 1 5/2/96

W.S. Elev (ft)	54.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.05	Wt. n-Val.		0.045	
E.G. Elev (ft)	54.69	Reach Len. (ft)	200.00	200.00	200.00
E.G. Slope (ft/ft)	0.007122	Flow Area (sq ft)		5.36	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	9.58	Top Width (ft)		9.58	
Vel Total (ft/s)	1.86	Avg. Vel. (ft/s)		1.86	
Max Chl Dpth (ft)	0.93	Hydr. Depth (ft)		0.56	
Crit W.S. (ft)		Wetted Per. (ft)		9.79	
Conv. Total (cfs)	118.5	Conv. (cfs)		118.5	

Plan: EXISTING CON Reach: LP16N01A Riv Sta: 10000 Profile: 1 5/2/96

W.S. Elev (ft)	53.18	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.05	Wt. n-Val.		0.045	
E.G. Elev (ft)	53.23	Reach Len. (ft)			
E.G. Slope (ft/ft)	0.007509	Flow Area (sq ft)		5.57	
Q Total (cfs)	10.00	Flow (cfs)		10.00	
Top Width (ft)	11.04	Top Width (ft)		11.04	
Vel Total (ft/s)	1.79	Avg. Vel. (ft/s)		1.79	
Max Chl Dpth (ft)	0.98	Hydr. Depth (ft)		0.50	
Crit W.S. (ft)	52.90	Wetted Per. (ft)		11.21	
Conv. Total (cfs)	115.4	Conv. (cfs)		115.4	

Lake McCoy, Lake Coroni, Lake Prevatt
Drainage Basin Study
Orange County, Florida

EXISTING CONDITIONS

adICPR ANALYSIS

Prepared By:
PEC/Professional Engineering Consultants, Inc.
200 East Robinson Street, Suite 1560
Orlando, Florida 32801

EXISTING CONDITIONS

HYDROGRAPHS

2.33-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	29.24	9.33	3.19	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	17.53	9.67	2.64	AREA TO WETLAND @ RHAPSODY OAKS
DL03	15.98	9.20	1.60	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	7.96	10.08	1.02	SUBDIVISION NW OF DREAM LAKE
DL05	23.94	10.20	1.20	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	18.12	9.11	1.82	PINES OF WEKIVA - POND #3
BP02	8.66	9.07	2.46	PINES OF WEKIVA - UPPER POND #2
BP03	11.68	9.07	2.82	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	18.56	9.07	2.91	PINES OF WEKIVA - LOWER POND #2
BP05	21.98	10.08	2.91	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	20.71	10.56	1.67	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	12.23	10.22	1.14	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	14.13	10.44	1.27	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	34.38	10.50	1.90	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	3.95	9.00	3.92	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	30.78	10.14	1.67	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	6.93	9.11	1.97	AREA TO POND SOUTH OF VOTAW RD
MS03	18.37	10.26	1.53	UPPER SEGMENT OF GREENWOOD GORGE
MS04	.73	10.08	.85	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	.62	10.04	1.02	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	11.36	10.50	.74	CHRISTIANA AVE DRAINAGE BASIN
MS07	7.71	9.05	1.33	VOTAW VILLAGE - SOUTH POND
MS08	3.32	10.03	1.20	VOTAW VILLAGE - NORTH POND
MS09	26.53	10.11	1.46	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	.25	9.02	1.60	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	3.44	9.07	1.60	APOPKA MIDDLE SCHOOL
MN03	1.20	10.44	.55	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	1.07	10.23	.69	LAKE MCCOY FOREST - SOUTH POND
MN05	1.17	10.22	.69	LAKE MCCOY FOREST - NORTH POND
MN06	3.14	10.27	1.02	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	5.78	11.52	.55	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	.76	10.08	.69	PINE OAKS SUBDIVISION
MN09	2.17	10.20	.55	WEKIVA LANDING SUBDIVISION
MN10	.94	11.28	.41	OAKWATER ESTATES - EAST POND
MN11	.97	10.04	.69	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	13.71	10.38	1.14	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	39.80	10.26	2.82	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	21.93	10.33	2.13	AREA NE OF SANDPIPER ST/PARK AVE
MN15	10.03	10.24	1.60	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	3.95	9.15	2.55	TO GROSSENBACHER POND @ RYAN AVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	3.62	9.07	2.73	TO GROSSENBACHER POND @ PARK AVE
MN18	16.32	10.24	1.40	AREA SE OF SANDPIPER ST/PARK AVE
MN19	10.03	9.07	2.91	MAGNOLIA OAKS SUBDIVISION
MN20	115.33	10.32	1.90	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	1.57	10.36	.69	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	3.54	12.00	.69	AREA NW OF SANDPIPER ST/USTLER RD
LC02	2.35	10.31	.59	BUTLER MANOR SUBDIVISION
LC03	2.11	11.50	.46	WEKIWA WOODS SUBDIVISION - POND #2
LC04	4.65	10.11	.90	WEKIWA WOODS SUBDIVISION - POND #1
LC05	4.90	10.16	.74	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	3.72	10.20	.69	DEER LAKE RUN SUBDIV. - POND "B"
LC07	1.27	10.04	.69	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	8.21	10.20	.74	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	19.94	10.38	1.14	NORTH LAKE CORONI DRAINAGE BASIN
LP01	38.50	10.08	2.21	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	18.48	10.12	2.46	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	15.97	9.37	3.50	TRAILER PARK WEST OF ROCK SPRINGS
LP04	38.21	9.47	3.10	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	11.86	9.24	2.73	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	15.80	9.00	3.70	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	33.29	9.02	3.30	WEKIVA PARK SUBDIV. - POND #1
LP07	24.55	11.50	2.81	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	12.39	10.24	2.55	AREA SW OF WELCH RD/USTLER RD
LP09	11.47	9.07	2.73	PARKVIEW SUBDIVISION - (APPROVED)
LP10	5.72	10.77	1.67	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	2.71	10.04	.85	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	4.06	10.94	1.14	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	.28	11.07	.16	PARADISE ISLE DR/WELCH RD GULLY
LP14	2.78	10.19	.64	DEER LAKE RUN SUBDIV. - POND "A"
LP15	2.44	10.34	.59	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	53.39	11.75	.85	LAKE PREVATT DRAINAGE BASIN
CB01	4.40	14.50	.16	CARPENTER BRANCH DRAINAGE BASIN

10-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	54.33	9.20	6.07	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	35.84	9.53	5.39	AREA TO WETLAND @ RHAPSODY OAKS
DL03	40.57	9.13	3.93	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	23.44	9.15	2.96	SUBDIVISION NW OF DREAM LAKE
DL05	65.87	10.08	3.28	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	42.55	9.07	4.26	PINES OF WEKIVA - POND #3
BP02	17.74	9.02	5.16	PINES OF WEKIVA - UPPER POND #2
BP03	22.60	9.02	5.62	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	35.44	9.02	5.73	PINES OF WEKIVA - LOWER POND #2
BP05	42.93	9.66	5.73	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	50.91	10.34	4.04	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	33.86	10.02	3.17	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	38.90	10.26	3.39	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	80.23	10.27	4.37	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	6.73	8.51	6.89	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	74.04	9.53	4.04	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	15.82	9.11	4.48	AREA TO POND SOUTH OF VOTAW RD
MS03	45.92	10.11	3.82	UPPER SEGMENT OF GREENWOOD GORGE
MS04	2.31	9.12	2.65	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	1.93	9.08	2.96	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	40.65	10.33	2.45	CHRISTIANA AVE DRAINAGE BASIN
MS07	20.74	9.05	3.50	VOTAW VILLAGE - SOUTH POND
MS08	9.56	9.12	3.28	VOTAW VILLAGE - NORTH POND
MS09	66.94	9.44	3.71	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	.61	9.02	3.93	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	8.39	9.02	3.92	APOPKA MIDDLE SCHOOL
MN03	5.16	10.22	2.05	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	3.75	10.05	2.35	LAKE MCCOY FOREST - SOUTH POND
MN05	4.07	10.05	2.35	LAKE MCCOY FOREST - NORTH POND
MN06	9.38	10.13	2.96	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	24.22	10.62	2.05	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	2.55	9.17	2.35	PINE OAKS SUBDIVISION
MN09	8.80	10.11	2.05	WEKIVA LANDING SUBDIVISION
MN10	4.75	10.36	1.76	OAKWATER ESTATES - EAST POND
MN11	3.32	9.11	2.35	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	39.70	10.24	3.17	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	78.98	10.08	5.61	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	48.84	10.33	4.70	AREA NE OF SANDPIPER ST/PARK AVE
MN15	24.60	9.96	3.93	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	8.05	9.09	5.27	TO GROSSENBACHER POND @ RYAN AVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	7.11	9.02	5.50	TO GROSSENBACHER POND @ PARK AVE
MN18	42.41	10.13	3.60	AREA SE OF SANDPIPER ST/PARK AVE
MN19	19.15	9.02	5.73	MAGNOLIA OAKS SUBDIVISION
MN20	267.87	10.13	4.37	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	5.84	10.25	2.35	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	13.02	11.25	2.35	AREA NW OF SANDPIPER ST/USTLER RD
LC02	9.29	10.20	2.15	BUTLER MANOR SUBDIVISION
LC03	9.76	10.50	1.85	WEKIWA WOODS SUBDIVISION - POND #2
LC04	13.94	9.26	2.76	WEKIWA WOODS SUBDIVISION - POND #1
LC05	16.22	10.08	2.45	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	12.86	10.03	2.35	DEER LAKE RUN SUBDIV. - POND "B"
LC07	4.34	9.11	2.35	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	28.77	10.11	2.45	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	57.74	10.24	3.17	NORTH LAKE CORONI DRAINAGE BASIN
LP01	83.40	9.96	4.81	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	38.58	9.98	5.16	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	28.89	9.37	6.43	TRAILER PARK WEST OF ROCK SPRINGS
LP04	72.67	9.33	5.97	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	23.68	9.16	5.50	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	27.26	9.00	6.66	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	60.41	9.02	6.20	WEKIVA PARK SUBDIV. - POND #1
LP07	49.27	11.25	5.61	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	25.53	10.08	5.27	AREA SW OF WELCH RD/USTLER RD
LP09	22.51	9.02	5.50	PARKVIEW SUBDIVISION - (APPROVED)
LP10	14.18	10.55	4.03	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	8.73	9.11	2.65	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	11.94	10.70	3.17	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	2.55	10.03	1.12	PARADISE ISLE DR/WELCH RD GULLY
LP14	9.96	10.03	2.25	DEER LAKE RUN SUBDIV. - POND "A"
LP15	9.92	10.24	2.15	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	178.10	11.25	2.65	LAKE PREVATT DRAINAGE BASIN
CB01	30.90	12.25	1.12	CARPENTER BRANCH DRAINAGE BASIN

25-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	63.46	9.20	7.15	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	42.68	9.53	6.43	AREA TO WETLAND @ RHAPSODY OAKS
DL03	50.31	9.13	4.87	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	30.33	9.15	3.79	SUBDIVISION NW OF DREAM LAKE
DL05	82.98	9.96	4.15	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	51.95	9.07	5.23	PINES OF WEKIVA - POND #3
BP02	21.12	9.02	6.19	PINES OF WEKIVA - UPPER POND #2
BP03	26.61	9.02	6.68	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	41.61	9.02	6.80	PINES OF WEKIVA - LOWER POND #2
BP05	50.74	9.66	6.79	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	62.91	10.34	4.99	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	43.11	9.40	4.03	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	49.08	10.26	4.27	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	98.30	10.27	5.34	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	7.75	8.51	7.99	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	91.74	9.41	4.99	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	19.21	9.11	5.47	AREA TO POND SOUTH OF VOTAW RD
MS03	56.98	9.97	4.75	UPPER SEGMENT OF GREENWOOD GORGE
MS04	3.04	9.12	3.44	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	2.47	9.08	3.79	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	53.53	10.33	3.20	CHRISTIANA AVE DRAINAGE BASIN
MS07	25.97	9.02	4.39	VOTAW VILLAGE - SOUTH POND
MS08	12.13	9.12	4.15	VOTAW VILLAGE - NORTH POND
MS09	83.98	9.44	4.63	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	.75	9.02	4.87	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	10.32	9.02	4.86	APOPKA MIDDLE SCHOOL
MN03	6.96	10.22	2.74	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	4.90	10.05	3.09	LAKE MCCOY FOREST - SOUTH POND
MN05	5.31	10.05	3.09	LAKE MCCOY FOREST - NORTH POND
MN06	11.99	10.13	3.79	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	32.88	10.44	2.74	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	3.43	9.12	3.09	PINE OAKS SUBDIVISION
MN09	11.73	10.11	2.74	WEKIVA LANDING SUBDIVISION
MN10	6.56	10.23	2.40	OAKWATER ESTATES - EAST POND
MN11	4.44	9.11	3.09	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	50.54	10.24	4.02	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	93.56	10.08	6.67	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	59.23	10.14	5.70	AREA NE OF SANDPIPER ST/PARK AVE
MN15	30.43	9.81	4.86	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	9.58	9.09	6.31	TO GROSSENBACHER POND @ RYAN AVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	8.39	9.02	6.55	TO GROSSENBACHER POND @ PARK AVE
MN18	52.91	10.02	4.50	AREA SE OF SANDPIPER ST/PARK AVE
MN19	22.48	9.02	6.80	MAGNOLIA OAKS SUBDIVISION
MN20	327.47	10.13	5.35	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	7.73	10.25	3.08	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	17.35	11.25	3.08	AREA NW OF SANDPIPER ST/USTLER RD
LC02	12.36	10.20	2.85	BUTLER MANOR SUBDIVISION
LC03	13.48	10.50	2.51	WEKIWA WOODS SUBDIVISION - POND #2
LC04	18.30	9.26	3.55	WEKIWA WOODS SUBDIVISION - POND #1
LC05	21.03	9.28	3.20	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	16.78	10.03	3.09	DEER LAKE RUN SUBDIV. - POND "B"
LC07	5.80	9.11	3.09	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	37.69	10.11	3.20	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	73.52	10.24	4.02	NORTH LAKE CORONI DRAINAGE BASIN
LP01	100.73	9.71	5.82	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	46.17	9.98	6.19	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	33.59	9.37	7.52	TRAILER PARK WEST OF ROCK SPRINGS
LP04	85.38	9.33	7.04	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	28.07	9.16	6.55	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	31.48	8.53	7.75	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	70.25	9.02	7.28	WEKIVA PARK SUBDIV. - POND #1
LP07	58.54	11.25	6.67	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	30.46	9.92	6.31	AREA SW OF WELCH RD/USTLER RD
LP09	26.57	9.02	6.55	PARKVIEW SUBDIVISION - (APPROVED)
LP10	17.55	10.55	4.98	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	11.42	9.11	3.44	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	15.27	10.70	4.02	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	3.67	10.03	1.63	PARADISE ISLE DR/WELCH RD GULLY
LP14	13.06	10.03	2.97	DEER LAKE RUN SUBDIV. - POND "A"
LP15	13.28	10.24	2.85	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	233.71	11.00	3.43	LAKE PREVATT DRAINAGE BASIN
CB01	46.02	12.00	1.63	CARPENTER BRANCH DRAINAGE BASIN

100-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	79.95	9.20	9.11	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	55.18	9.39	8.36	AREA TO WETLAND @ RHAPSODY OAKS
DL03	68.44	9.13	6.63	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	43.48	9.15	5.39	SUBDIVISION NW OF DREAM LAKE
DL05	116.56	9.58	5.81	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	69.23	9.07	7.04	PINES OF WEKIVA - POND #3
BP02	27.24	9.02	8.10	PINES OF WEKIVA - UPPER POND #2
BP03	33.84	9.02	8.62	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	52.75	9.02	8.75	PINES OF WEKIVA - LOWER POND #2
BP05	65.02	9.52	8.74	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	85.39	10.12	6.77	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	61.41	9.30	5.67	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	68.48	10.08	5.95	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	131.78	10.27	7.17	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	9.60	8.51	9.98	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	125.10	9.41	6.77	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	25.43	9.06	7.31	AREA TO POND SOUTH OF VOTAW RD
MS03	78.08	9.68	6.50	UPPER SEGMENT OF GREENWOOD GORGE
MS04	4.44	9.12	4.97	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	3.52	9.04	5.39	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	78.70	10.17	4.69	CHRISTIANA AVE DRAINAGE BASIN
MS07	35.73	9.02	6.09	VOTAW VILLAGE - SOUTH POND
MS08	17.00	9.12	5.81	VOTAW VILLAGE - NORTH POND
MS09	116.33	9.33	6.36	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	1.01	9.00	6.63	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	13.89	9.02	6.62	APOPKA MIDDLE SCHOOL
MN03	10.54	10.22	4.12	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	7.26	9.27	4.55	LAKE MCCOY FOREST - SOUTH POND
MN05	7.90	9.29	4.55	LAKE MCCOY FOREST - NORTH POND
MN06	17.00	10.00	5.39	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	50.42	10.44	4.12	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	5.14	9.12	4.55	PINE OAKS SUBDIVISION
MN09	17.47	10.02	4.12	WEKIVA LANDING SUBDIVISION
MN10	10.18	10.23	3.69	OAKWATER ESTATES - EAST POND
MN11	6.63	9.07	4.55	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	71.24	10.10	5.66	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	120.10	10.08	8.61	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	78.46	10.14	7.57	AREA NE OF SANDPIPER ST/PARK AVE
MN15	41.57	9.67	6.63	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	12.35	9.09	8.23	TO GROSSENBACHER POND @ RYAN AVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	10.71	9.02	8.49	TO GROSSENBACHER POND @ PARK AVE
MN18	72.68	10.02	6.22	AREA SE OF SANDPIPER ST/PARK AVE
MN19	28.49	9.02	8.75	MAGNOLIA OAKS SUBDIVISION
MN20	438.42	9.94	7.17	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	11.44	10.13	4.54	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	26.01	11.00	4.54	AREA NW OF SANDPIPER ST/USTLER RD
LC02	18.44	10.09	4.26	BUTLER MANOR SUBDIVISION
LC03	20.95	10.50	3.83	WEKIWA WOODS SUBDIVISION - POND #2
LC04	26.70	9.26	5.11	WEKIWA WOODS SUBDIVISION - POND #1
LC05	31.48	9.28	4.69	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	25.05	9.29	4.55	DEER LAKE RUN SUBDIV. - POND "B"
LC07	8.65	9.07	4.55	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	54.96	10.02	4.68	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	103.64	10.10	5.66	NORTH LAKE CORONI DRAINAGE BASIN
LP01	133.04	9.58	7.70	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	60.08	9.83	8.09	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	42.08	9.37	9.50	TRAILER PARK WEST OF ROCK SPRINGS
LP04	108.37	9.33	9.00	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	36.03	9.16	8.49	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	39.13	8.51	9.73	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	88.02	9.02	9.25	WEKIVA PARK SUBDIV. - POND #1
LP07	75.47	11.25	8.61	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	39.55	9.92	8.22	AREA SW OF WELCH RD/USTLER RD
LP09	33.90	9.02	8.49	PARKVIEW SUBDIVISION - (APPROVED)
LP10	23.86	10.32	6.76	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	16.64	9.07	4.97	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	21.63	10.70	5.66	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	5.91	10.00	2.70	PARADISE ISLE DR/WELCH RD GULLY
LP14	19.67	9.26	4.40	DEER LAKE RUN SUBDIV. - POND "A"
LP15	19.93	10.13	4.26	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	342.71	11.00	4.96	LAKE PREVATT DRAINAGE BASIN
CB01	78.71	11.75	2.69	CARPENTER BRANCH DRAINAGE BASIN

EXISTING CONDITIONS

NODE DATA

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

CONTROL PARAMETERS

START TIME: .00
END TIME: 60.00

TO TIME (hours)	SIMULATION INC (secs)	PRINT INC (mins)
5.00	30.00	15.00
25.00	5.00	5.00
100.00	5.00	15.00

RUNOFF HYDROGRAPH FILE: DEFAULT
OFFSITE HYDROGRAPH FILE: DEFAULT
BOUNDARY DATABASE FILE: NONE

NOTE:

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
DL01N01P	AREA	145.250	.000	.000	.000	144.000	1.180
						145.000	1.310
						146.000	1.460
						147.000	1.650
						148.000	2.390
						149.000	2.830
DL02N01W	AREA	143.980	.000	.000	.000	141.000	.070
						142.000	.250
						143.000	.690
						144.000	1.380
						145.000	2.600
						146.000	5.630
						147.000	7.970
						148.000	9.460
						149.000	10.750
DL03N01P	STRG	142.700	.000	.000	.000	142.700	.000
						144.700	6.060
						144.800	6.270
						144.900	6.480
						145.000	6.700
						146.000	13.400
						147.000	20.100
						148.000	26.820
DL03N02D	AREA	139.100	.000	.000	.000	139.100	.100
						149.800	.100
DREAM	AREA	115.000	.000	.000	.000	113.700	15.800
						114.000	16.200
						115.000	17.510
						116.000	18.930
						117.000	21.220
						118.000	22.870
						119.000	24.380
						120.000	26.000
BP01N01P	AREA	139.000	.000	.000	.000	139.000	2.070
						140.000	2.270
						141.000	2.860
						142.000	3.090
						143.000	3.320
						144.000	3.550

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
BP02N01P	AREA	143.000	.000	.000	.000	143.000	.880
						144.000	1.430
						145.000	2.010
						146.000	2.100
						147.000	2.230
BP03N01P	AREA	143.500	.000	.000	.000	143.500	1.070
						144.000	1.120
						145.000	1.230
						145.500	1.290
						145.510	1.920
						146.000	2.020
						147.000	2.220
						147.500	2.400
BP04N01P	AREA	139.000	.000	.000	.000	139.000	1.790
						140.000	2.000
						141.000	2.210
						142.000	2.420
						143.000	2.640
						144.000	2.860
BUCHAN	AREA	137.700	.000	.000	.000	135.000	11.260
						136.000	13.990
						137.000	16.160
						138.000	17.750
						139.000	19.380
						140.000	21.050
						141.000	23.500
MS01N01W	AREA	82.300	.000	.000	.000	82.300	.000
						91.000	.790
						92.000	1.220
						93.000	1.750
						94.000	2.280
						95.000	2.640
						96.000	3.060
						97.000	3.540
MS02N01P	AREA	80.000	.000	.000	.000	80.000	.460
						81.000	.580
						82.000	.710
						83.000	.850
						84.000	.980

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
MS03N01P	AREA	87.000	.000	.000	.000	86.000	.010
						87.000	.050
						88.000	.090
						89.000	.120
						90.000	.200
						91.000	.280
						92.000	.350
						93.000	.440
						94.000	.520
						95.000	.590
MS04N01P	AREA	82.500	.000	.000	.000	82.000	.010
						83.000	.070
						84.000	.200
						85.000	.340
						86.000	.400
						87.000	.480
						88.000	.550
						89.000	.620
						90.000	.690
MS05N01P	AREA	75.500	.000	.000	.000	74.000	.010
						75.000	.020
						76.000	.050
						77.000	.130
						78.000	.230
						79.000	.340
						80.000	.490
						81.000	.590
MS07N01P	AREA	62.000	.000	.000	.000	62.000	.780
						66.500	1.060
MS08N01P	AREA	61.500	.000	.000	.000	61.500	.820
						66.000	.990
MCCOY-S	AREA	62.300	.000	.000	.000	61.000	17.590
						62.000	21.700
						63.000	25.440
						64.000	28.100
						65.000	30.350
						66.000	32.560
						67.000	35.700

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
PA02N01P	AREA	143.000	.000	.000	.000	143.000	1.770
						144.000	2.370
						145.000	2.510
						146.000	2.670
						147.000	2.860
						148.000	3.060
						149.000	3.300
						150.000	3.560
PA05N01P	AREA	67.000	.000	.000	.000	61.900	3.430
						69.000	3.910
MN01N01D	AREA	114.500	.000	.000	.000	114.000	.100
						120.000	.100
MN02N01P	AREA	114.000	.000	.000	.000	114.000	.034
						114.500	.050
						114.510	.240
						115.000	.295
						116.000	.436
						117.000	.605
						118.000	.847
MN02N02D	AREA	112.240	.000	.000	.000	112.240	.100
						118.000	.100
MN03N01P	AREA	105.000	.000	.000	.000	105.000	.060
						106.000	.110
						107.000	.200
						108.000	.310
						109.000	.580
						110.000	2.580
						111.000	4.880
MN03N02D	AREA	94.230	.000	.000	.000	94.230	.100
						111.000	.100
MN03N03D	AREA	86.470	.000	.000	.000	86.470	.100
						103.000	.100
MN07N01P	AREA	68.200	.000	.000	.000	68.200	.000
						69.000	.270
						70.000	.510
						71.000	2.660
						72.000	3.230

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
MN08N01P	AREA	67.000	.000	.000	.000	67.000	.050
						72.000	.300
MN09N01P	STRG	62.000	.000	.000	.000	62.000	.000
						66.000	1.210
MN10N01P	AREA	62.500	.000	.000	.000	62.500	.320
						63.500	.390
						64.500	.480
						65.500	.570
						66.000	.630
MN11N01P	AREA	62.500	.000	.000	.000	62.500	.120
						63.000	.150
						64.000	.190
						65.000	.240
						66.000	.300
MN12N01D	AREA	119.000	.000	.000	.000	119.000	.050
						120.000	.250
						121.000	.400
						122.000	1.900
						123.000	3.400
						124.000	5.500
MN13N01W	AREA	101.500	.000	.000	.000	101.500	.000
						103.000	14.000
						104.000	16.000
						105.000	18.000
						106.000	20.000
MN14N01D	AREA	69.880	.000	.000	.000	69.000	.100
						77.000	.100
MN15N01D	AREA	133.000	.000	.000	.000	133.000	.100
						137.700	.100
MN16N01D	AREA	126.730	.000	.000	.000	126.000	.100
						133.000	.100
MN17N01D	AREA	119.400	.000	.000	.000	119.000	.100
						125.000	.100

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
MN18N01W	AREA	61.500	.000	.000	.000	61.000	.200
						63.000	.610
						64.000	.810
						65.000	3.100
						66.000	3.860
						67.000	4.800
MN19N01P	AREA	100.000	.000	.000	.000	100.000	.890
						106.000	1.790
MCCOY-N	AREA	61.500	.000	.000	.000	61.000	88.900
						62.000	97.800
						63.000	107.590
						64.000	138.180
						65.000	157.830
						66.000	167.920
MN21N01L	AREA	59.000	.000	.000	.000	58.900	.100
						61.000	.100
						62.000	.280
						63.000	1.910
						64.000	3.760
						65.000	4.730
LC01N01L	AREA	81.600	.000	.000	.000	80.000	3.740
						81.000	3.970
						82.000	4.210
						83.000	4.460
						84.000	4.730
						85.000	5.080
						86.000	5.520
						87.000	5.840
						88.000	6.220
						89.000	6.650
LC02N01P	AREA	85.000	.000	.000	.000	85.000	.000
						88.000	.376
LC03N01P	AREA	60.200	.000	.000	.000	60.200	.350
						64.000	.610

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
LC04N01P	AREA	60.400	.000	.000	.000	60.400	1.500
						64.000	2.200
LC05N01P	AREA	64.250	.000	.000	.000	64.000	.090
						65.000	.400
						66.000	.610
						67.000	.880
						68.000	1.130
						69.000	1.360
LC05N02D	AREA	64.250	.000	.000	.000	64.250	.100
						70.400	.100
LC05N03D	AREA	63.300	.000	.000	.000	63.300	.100
						70.400	.100
LC06N01P	AREA	63.000	.000	.000	.000	63.000	.960
						64.000	1.040
						65.000	1.150
						66.000	1.250
						67.500	1.370
LC07N01P	AREA	67.000	.000	.000	.000	67.000	.170
						68.000	.230
						69.000	.300
						70.000	.380
						71.000	.460
						72.000	.540
CORONI-S	AREA	59.300	.000	.000	.000	58.000	4.440
						59.000	8.500
						60.000	11.540
						61.000	14.890
						62.000	18.010
						63.000	21.390
						64.000	24.420
						65.000	29.080
						66.000	32.850
						67.000	34.690

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
CORONI-N	AREA	59.300	.000	.000	.000	58.000	26.080
						59.000	31.380
						60.000	34.840
						61.000	37.330
						62.000	40.910
						63.000	44.520
						64.000	45.970
						65.000	51.760
						66.000	54.430
						67.000	56.210
LP01N01W	AREA	121.300	.000	.000	.000	121.000	.100
						125.000	1.000
						127.000	18.000
LP02N01D	AREA	111.300	.000	.000	.000	111.000	.100
						117.500	.100
LP03N01P	AREA	126.240	.000	.000	.000	126.000	2.880
						127.000	3.270
						128.000	3.630
						129.000	5.790
LP04N01D	AREA	114.900	.000	.000	.000	114.000	.100
						120.500	.100
LP05N01P	STRG	97.500	.000	.000	.000	96.000	.000
						97.000	3.900
						98.000	8.240
						99.000	12.770
						100.000	17.550
						100.500	20.070
LP06N01P	STRG	97.500	.000	.000	.000	96.000	.000
						97.000	3.200
						98.000	6.590
						99.000	10.190
						100.000	14.000
LP07N01W	AREA	92.700	.000	.000	.000	92.700	.100
						95.900	.100
						96.000	1.000
						97.000	18.000
						98.000	19.000

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
LP08N01W	AREA	99.800	.000	.000	.000	99.000	.100
						102.900	.100
						103.000	1.400
						104.000	12.000
LP08N02D	AREA	99.050	.000	.000	.000	99.800	.100
						104.000	.100
LP09N01P	AREA	95.200	.000	.000	.000	85.200	.550
						95.200	.870
						98.000	.970
LP10N01D	AREA	95.800	.000	.000	.000	95.800	.100
						100.000	.100
LP10N02D	AREA	90.200	.000	.000	.000	90.200	.100
						100.000	.100
LP10N03P	AREA	86.800	.000	.000	.000	86.000	.010
						89.000	.110
						90.000	.270
						91.000	.450
						92.000	.710
						93.000	1.120
LP11N01L	AREA	78.100	.000	.000	.000	79.000	1.320
						80.000	1.430
						81.000	1.500
						82.000	1.720
						83.000	1.860
						84.000	2.030
						85.000	2.410
LP13N01W	AREA	57.760	.000	.000	.000	57.000	.010
						60.000	.210
						61.000	1.220
						62.000	2.350
						63.000	3.730
						64.000	5.390
						65.000	7.100
						66.000	8.240
						67.000	9.450

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
LP14N01P	AREA	60.000	.000	.000	.000	60.000	.130
						61.000	.180
						62.000	.220
						63.000	.260
						64.000	.300
						65.000	.330
LP14N02P	AREA	60.000	.000	.000	.000	60.000	.280
						61.000	.350
						62.000	.410
						63.000	.480
						64.000	.550
						65.000	.630
PREVATT	AREA	57.100	.000	.000	.000	54.000	79.900
						55.000	89.500
						56.000	100.200
						57.000	108.600
						58.000	118.700
						59.000	131.600
						60.000	144.300
CARPENTR	AREA	45.300	.000	.000	.000	45.300	.100
						51.000	5.000
TW	TIME	48.100	.000	.000	.000	48.100	.000
						48.100	100.000
DW	TIME	100.000	.000	.000	.000	100.000	.000
						100.000	100.000

EXISTING CONDITIONS

REACH DATA

PEC/ PROFESSIONAL ENGINEERING CONSULTANTS, INC.
engineers planners surveyors
Suite 1560 Eola Park Centre 200 East Robinson Street Orlando, Florida 32801 407/422-8062

PROJECT: LAKE McCOY, LAKE CORONI, PREVATT LAKE DRAINAGE BASIN STUDY
ORANGE COUNTY, FLORIDA
P.N.: OC-070/1.0
(filename: OC-070TB.WK4)
DATE: 07-Jan-97
CHECKED: David W. Hamstra, P.E.
SUBJECT: TABULATION OF BASIN/REACH DESCRIPTION AND SOURCE

BASIN/ NODE I.D.	STORAGE DESCRIPTION	SOURCE OF STORAGE INFORMATION	REACH DESCRIPTION	SOURCE OF REACH INFORMATION
BP01 BP01N01P	Pines of Wekiva pond #3	Schemmer Associates construction plans	Existing drop structure and outfall pipe to Buchan Pond	Schemmer Associates construction plans
BP02 BP02N01P	Pines of Wekiva upper pond #2	CCL Consultants calculations and construction plans	Existing drop structure and outfall pipe to node BP04N01P	CCL Consultants calculations and construction plans
BP03 BP03N01P	Apopka High School 9th Grade Center (2 ponds combined)	John B. Webb & Associates construction plans and calculations	Existing drop structure and outfall pipe to node BP04N01P	John B. Webb & Associates construction plans and calculations
BP04 BP04N01P	Pines of Wekiva lower pond #2	CCL Consultants calculations and construction plans	Existing drop structure and outfall pipe to Buchan Pond	CCL Consultants calculations and construction plans
BP05 BUCHAN	Buchan Pond	SJRWMD Topographic Maps NHWL 6" above weir elevation surveyed by Jones, Hoechst & Assoc.	Existing drop structure and outfall pipe to Grossenbacher Drive drainage system	Weir elevation, upstream invert, and pipe size from JHA survey Weir length measured by PEC Pipe length measured from Pines of Wekiva plans
CB01 CARPENTR	Stoage at the downstream end of Carpenter Branch	Estimated from USGS Quadrangle Maps	Double 36-inch culverts under old railroad bed in Wekiwa Springs State Park	Jones, Hoechst & Assoc. (JHA) survey
DL01 DL01N01P	Existing pond north of Old Dixie Highway and west of Hawthorne Avenue	SJRWMD Topographic Maps NHWL from FDOT plans	1) FDOT Drainwell 2) Overtopping of dirt road to the north of pond onto Rhapsody Oaks property	1) FDOT Construction Plans 2) Jones, Hoechst & Assoc. (JHA) survey
DL02 DL02N01W	Natural storage to the south of existing Summit Lake pond	Wetland stage/storage from R.H. Wilson plans	Berm overflow between wetland and pond	R.H. Wilson plans
DL03 DL03N01P	Existing Summit Lake/ Rhapsody Oaks pond and natural storage to	Pond stage/storage from R.H. Wilson Calcs NHWL @ overflow weir	Existing drop structure and outfall pipe from Summit Lake pond to manhole DL03N02D	R.H. Wilson plans
N/A DL03N02D	Manhole on Summit Lake outfall pipe	R.H. Wilson plans	Summit Lake outfall pipe to Dream Lake	R.H. Wilson plans
DL04 DREAM	No Storage		No Reach	
DL05 DREAM	Dream Lake	SJRWMD Topographic Maps NHWL from survey by Jones, Hoechst & Assoc. (6" above outfall invert of downstream pipe)	1) Pipe under Park Avenue to node MN01N01D 2) Park Avenue overtopping to Lake McCoy along Votaw Rd.	1) Pipe inverts and sizes from JHA survey and field work 2) Road profile and pipe length from FDOT Park Avenue plans
LC01 LC01N01L	Pond west of Ustler Road	Orange Co. Topographic Maps (lowest elevations extrapolated)	Existing drop structure and pipe outfall to South Lake Coroni	Jones, Hoechst & Assoc. (JHA) survey
LC02 LC02N01P	Retention pond in Butler Manor Subdivision	Butler Manor Subdivision construction plans by Lochrane Engineering	Overflow channel modeled as a stage/discharge rating curve to South Lake Coroni	Butler Manor Subdivision construction plans by Lochrane Engineering
LC03 LC03N01P	Wekiwa Woods Subdivision detention pond #2	Wekiwa Woods Subdivision (Whispering Woods) construction plans by Site Engineering	Existing drop structure and pipe outfall to North Lake Coroni	Wekiwa Woods Subdivision (Whispering Woods) construction plans by Site Engineering
LC04 LC04N01P	Wekiwa Woods Subdivision detention pond #1	Wekiwa Woods Subdivision (Whispering Woods) construction plans by Site Engineering	Existing drop structure and pipe outfall to North Lake Coroni	Wekiwa Woods Subdivision (Whispering Woods) construction plans by Site Engineering

PEC/ PROFESSIONAL ENGINEERING CONSULTANTS, INC.
engineers planners surveyors
Suite 1560 Eola Park Centre 200 East Robinson Street Orlando, Florida 32801 407/422-8062

PROJECT: LAKE McCOY, LAKE CORONI, PREVATT LAKE DRAINAGE BASIN STUDY
ORANGE COUNTY, FLORIDA
P.N.: OC-070/1.0
(filename: OC-070TB.WK4)
DATE: 07-Jan-97
CHECKED: David W. Hamstra, P.E.
SUBJECT: TABULATION OF BASIN/REACH DESCRIPTION AND SOURCE

BASIN/ NODE I.D.	STORAGE DESCRIPTION	SOURCE OF STORAGE INFORMATION	REACH DESCRIPTION	SOURCE OF REACH INFORMATION
LC05 LC05N01P	Deer Lake Run Subdivision detention pond "C"	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates	Existing pipe outfall to Deer Lake Run pond "B" (segment to node @ LC05N02D)	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates
N/A LC05N02D	Junction manhole on Deer Lake Run pond "C" outfall pipe	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates	Existing pipe outfall to Deer Lake Run pond "B" (segment from LC05N02D to LC05N03D)	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates
N/A LC05N03D	Junction manhole on Deer Lake Run pond "C" outfall pipe	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates	Existing pipe outfall to Deer Lake Run pond "B" (segment from LC05N03D to pond "B")	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates
LC06 LC06N01P	Deer Lake Run Subdivision detention pond "B"	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates	Existing drop structure and pipe outfall to North Lake Coroni	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates
LC07 LC07N01P	Deer Lake Chase Subdivision west retention pond	Davidson-Paymayesh engineering calculations	Berm overtopping modeled as a tage/discharge rating curve to North Lake Coroni	Assumed @ top of bank
LC08 CORONI-S	South Lake Coroni	Orange Co. Topographic Maps	1) Pipes under gas easement 2) Overflow of berm over gas easement	Jones, Hoechst & Assoc. (JHA) survey and Orange Co. Topographic Maps
LC09 CORONI-N	North Lake Coroni	Orange Co. Topographic Maps	Pipe under Paradise Isle Drive	Orange County Survey
LP01 LP01N01W	Wetland northwest of trailer park	Estimated based on portion shown on SJRWMD Topo Maps	Outfall ditch along Lester Road	Jones, Hoechst & Assoc. (JHA) survey
LP02 LP02N01D	Roadside ditch along Rock Springs Road	Assumed storage	Double 36" pipes under Rock Springs Road	Jones, Hoechst & Assoc. (JHA) survey
LP03 LP03N01P	Pond in trailer park	SJRWMD Topographic Maps	24" CMP outfall to Rock Springs Road	Orange County Survey
LP04 LP04N01D	Roadside ditch along Rock Springs Road	Assumed storage	36" pipe under Rock Springs Road	Jones, Hoechst & Assoc. (JHA) survey Length scaled from aerial
LP05 LP05N01P	Wekiva Park Development detention pond #2	Wekiva Park construction plans and calcs by Hollis Engineering	Existing 24" pipe connection to Wekiva Park pond #1	Wekiva Park construction plans and calcs by Hollis Engineering
LP06A LP06N01P	Wekiva Park Development detention pond #1	Wekiva Park construction plans and calcs by Hollis Engineering	Trapezoidal weir outfall to wetland	Wekiva Park construction plans and calcs by Hollis Engineering
LP06B LP06N01P	See LP06A above	See LP06A above	See LP06A above	See LP06A above
LP07 LP07N01W	Wetland north of Wekiva Park Development	Estimated based on aerial photographs and survey by Bowyer-Singleton & Associates	1) Pipes under gas easement 2) Overflow of berm over gas easement	1) Pipe information from Bowyer-Singleton & Associates survey 2) Berm overtopping from PEC supplemental survey
LP08 LP08N01W	Low areas south of Welch Road	Orange Co. Topographic Maps	1) Pipes under Welch Road 2) Ustler Road overtopping	1) Welch Road Improvement plans by Hollis Engineering 2) Estimated based upon Orange Co. Topographic Maps

PEC/ PROFESSIONAL ENGINEERING CONSULTANTS, INC.
engineers planners surveyors
Suite 1560 Eola Park Centre 200 East Robinson Street Orlando, Florida 32801 407/422-8062

PROJECT: LAKE McCOY, LAKE CORONI, PREVATT LAKE DRAINAGE BASIN STUDY
ORANGE COUNTY, FLORIDA
P.N.: OC-070/1.0
(filename: OC-070TB.WK4)
DATE: 07-Jan-97
CHECKED: David W. Hamstra, P.E.
SUBJECT: TABULATION OF BASIN/REACH DESCRIPTION AND SOURCE

BASIN/ NODE I.D.	STORAGE DESCRIPTION	SOURCE OF STORAGE INFORMATION	REACH DESCRIPTION	SOURCE OF REACH INFORMATION
N/A LP08N02D	Roadside ditch along north side of Welch Road	Assumed storage	30" pipe to north through Wekiva Park Development	Parkview Subdivision plans by McIntosh Engineering and Wekiva Park construction plans and calcs by Hollis Engineering
LP09 LP09N01P	Proposed Parkview Subdivision detention pond	Parkview Subdivision plans by McIntosh Engineering	Proposed drop structure and pipe outfall	Parkview Subdivision plans by McIntosh Engineering
N/A LP10N01D	Parkview Subdivision outfall ditch to Wekiva Glen	Assumed storage	Parkview Subdivision outfall ditch to Wekiva Glen modeled as a stage/discharge rating curve to node LP10N02D	HEC-2 analysis based on Parkview Subdivision plans by McIntosh Engineering and survey by Bowyer-Singleton & Associates
LP10 LP10N02D	Outfall ditch through Wekiva Glen Subdivision	Assumed storage	Outfall ditch through Wekiva Glen Subdivision modeled as a stage/discharge rating curve to node LP10N03P	HEC-2 analysis based on Parkview Subdivision plans by McIntosh Engineering and survey by Bowyer-Singleton & Associates
N/A LP10N03P	Outfall ditch through Wekiva Glen Subdivision	Orange Co. Topographic Maps	1) Triple culverts @ cul-de-sac 2) Roadway overtopping	1) Culvert info. from survey by Bowyer-Singleton & Associates 2) Roadway profile from Wekiva Glen plans by Post, Buckley, Schuh, and Jernigan
LP11 LP11N01L	Natural depression in Wekiva Glen Subdivision	PBS&J construction plans for Wekiva Glen subdivision NHWL from Orange County Topographic Maps	No outfall	N/A
LP12 LP13N01W	Storage not modeled	N/A	No Reach modeled	N/A
LP13 LP13N01W	Natural gully between Paradise Isle Drive and Welch Road	Orange Co. Topographic Maps	Double culverts under Welch Road	Orange County Survey
LP14 LP14N01P	Deer Lake Run Subdivision detention pond "A1"	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates	Existing weir outfall to Deer Lake Run pond "A2"	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates
N/A LP14N02P	Deer Lake Run Subdivision detention pond "A2"	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates	Existing drop structure and pipe outfall to Lake Prevatt	Deer Lake Run Subdivision construction plans by L.T. Ray & Associates
LP15 PREVATT	Storage not modeled	Plans do not reflect actual construction	No Reach modeled - discharge to Lake Prevatt	Plans do not reflect actual construction
LP16 PREVATT	Lake Prevatt	Orange Co. Topographic Maps northern portion extrapolated	Carpenter Branch outfall channel modeled as a stage/discharge rating curve	HEC-2 analysis based on Jones, Hoechst & Assoc. (JHA) survey
MN01 MN01N01D	Dream Lake outfall ditch northeast of Park Avenue/ Votaw Road intersection Negligible storage	NHWL from survey by Jones, Hoechst & Assoc. (6" above outfall invert)	Dream Lake outfall pipe through Apopka Middle School (segment from node MN01N01D to node MN02N02D)	Upstream invert and pipe size from JHA survey Downstream invert from GAI calcs for Apopka Middle School Length measured from aerial

PEC/ PROFESSIONAL ENGINEERING CONSULTANTS, INC.
engineers planners surveyors
Suite 1560 Eola Park Centre 200 East Robinson Street Orlando, Florida 32801 407/422-8062

PROJECT: LAKE McCOY, LAKE CORONI, PREVATT LAKE DRAINAGE BASIN STUDY
ORANGE COUNTY, FLORIDA
P.N.: OC-070/1.0
(filename: OC-070TB.WK4)
DATE: 07-Jan-97
CHECKED: David W. Hamstra, P.E.
SUBJECT: TABULATION OF BASIN/REACH DESCRIPTION AND SOURCE

BASIN/ NODE I.D.	STORAGE DESCRIPTION	SOURCE OF STORAGE INFORMATION	REACH DESCRIPTION	SOURCE OF REACH INFORMATION
MN02 MN02N01P	Apopka Middle School ponds (3 ponds combined)	GAI calculations for Apopka Middle School	Existing drop structure and outfall pipe from Apopka Middle School ponds to Dream Lake outfall pipe at node MN02N02D	GAI calculations for Apopka Middle School
N/A MN02N02D	Junction manhole on Dream Lake outfall pipe @ Apopka Middle School	GAI calculations for Apopka Middle School	Dream Lake outfall pipe through Apopka Middle School (segment from node MN02N02D to node MN03N02D)	Upstream invert from GAI plans for Apopka Middle School Downstream invert and pipe size from JHA survey Length measured from aerial
MN03 MN03N01P	Apopka Middle School athletic field pond	Orange Co. Topographic Maps	1) Existing weir overflow into Dream Lake outfall pipe at node MN03N02D 2) Existing weir overflow into Dream Lake outfall pipe at node MN03N03D	PEC supplemental survey
N/A MN03N02D	Junction manhole on Dream Lake outfall pipe @ Apopka Middle School athletic field	Jones, Hoechst & Assoc. survey	Dream Lake outfall pipe through Apopka Middle School (segment from node MN03N02D to node MN03N03D)	Inverts and pipe size from JHA survey Length measured from aerial
N/A MN03N03D	Junction manhole on Dream Lake outfall pipe east of Apopka Middle School	Jones, Hoechst & Assoc. survey	Dream Lake outfall pipe east of Apopka Middle School (segment from node MN03N03D to outfall toward Lake McCoy)	Inverts and pipe size from JHA survey Length measured from aerial
MN04 MCCOY-N	Storage not modeled	No plans reflecting actual construction	No Reach modeled - discharge to North Lake McCoy	No plans reflecting actual construction
MN05 MCCOY-N	Storage not modeled	No plans reflecting actual construction	No Reach modeled - discharge to North Lake McCoy	No plans reflecting actual construction
MN06 MCCOY-N	Storage not modeled	Construction plans by Conklin, Porter, and Holmes not complete w/r/t weir elevations	No Reach modeled - discharge to North Lake McCoy	Construction plans by Conklin, Porter, and Holmes not complete w/r/t weir elevations
MN07 MN07N01W	Depression southeast of Votaw Road and Christiana Avenue	Orange Co. Topographic Maps	Votaw Road overtopping to North Lake McCoy	Orange Co. Topographic Maps
MN08 MN08N01P	Retention pond in Pine Oaks Subdivision	Construction plans by Lochrane Engineering	Berm overflow to North Lake McCoy	Construction plans by Lochrane Engineering
MN09 MN09N01P	Detention pond in Wekiva Landing Subdivision	Construction plans by Briskey Engineering	1) Existing drop structure and pipe outfall to North Lake McCoy 2) Road overtopping to North Lake McCoy	Construction plans by Briskey Engineering
MN10 MN10N01P	East detention pond in Oakwater Estates Subdivision	Construction plans by GAI	Existing drop structure and pipe outfall to North Lake McCoy	Construction plans by GAI
MN11 MN11N01P	West detention pond in Oakwater Estates Subdivision	Construction plans by GAI	Existing drop structure and pipe outfall to North Lake McCoy	Construction plans by GAI
MN12 MN12N01D	Roadside ditch and low area west of Rock Springs Road	SJRWMD Topographic Maps	Two 36-inch culverts under Rock Springs Road	Jones, Hoechst & Assoc. (JHA) survey

PEC/ PROFESSIONAL ENGINEERING CONSULTANTS, INC.
engineers planners surveyors
Suite 1560 Eola Park Centre 200 East Robinson Street Orlando, Florida 32801 407/422-8062

PROJECT: LAKE McCOY, LAKE CORONI, PREVATT LAKE DRAINAGE BASIN STUDY
ORANGE COUNTY, FLORIDA
P.N.: OC-070/1.0
(filename: OC-070TB.WK4)
DATE: 07-Jan-97
CHECKED: David W. Hamstra, P.E.
SUBJECT: TABULATION OF BASIN/REACH DESCRIPTION AND SOURCE

BASIN/ NODE I.D.	STORAGE DESCRIPTION	SOURCE OF STORAGE INFORMATION	REACH DESCRIPTION	SOURCE OF REACH INFORMATION
MN13 MN13N01W	Depressional Wetland east of Rock Springs Road and south of Welch Road	Estimated based on extents of wetland from areial maps and surveyed elevations of wetland bottom from Florida Power substation construction plans	1) Ditch southward to Sandpiper Street (node MN14N01D) 2) Overflow eastward to node LP08N01W 3) Culvert along Welch Road	1) Orange County Survey 2) Orange County Survey 3) Welch Road Improvement plans by Hollis Engineering
MN14 MN14N01D	Ditch at upstream side of Sandpiper Street	Assumed storage	Pipe under Sandpiper Street	Jones, Hoechst & Assoc. (JHA) survey
MN15 MN15N01D	Inlet at the intersection of Grossenbacher Drive and Lake Avenue	Grossenbacher Drive plans by the City of Apopka	Grossenbacher Drive outfall pipe (segment from node MN15N01D to node MN16N01D)	Grossenbacher Drive plans by the City of Apopka
MN16 MN16N01D	Inlet in the pond @ Grossenbacher Drive and Ryan Avenue	Grossenbacher Drive plans by the City of Apopka	Grossenbacher Drive outfall pipe (segment from node MN16N01D to node MN17N01D)	Grossenbacher Drive plans by the City of Apopka
MN17 MN17N01D	Ditch/pond @ Grossenbacher Drive and Park Avenue	Grossenbacher Drive plans by the City of Apopka	36" outfall pipe under Park Avenue	Grossenbacher Drive plans by the City of Apopka and FDOT plans for Park Avenue widening in 1979
MN18 MN18N01W	Wetland/pond on west side of Ustler Road	Orange Co. Topographic Maps	Pipe under Ustler Road	Jones, Hoechst & Assoc. (JHA) survey
MN19 MN19N01P	Magnolia Oaks pond A-1	Construction plans by Tawill Engineering	Berm overflow to Tanglewilde Street and North Lake McCoy	Construction plans by Tawill Engineering
MN20 MCCOY-N	North Lake McCoy	Orange Co. Topographic Maps (lowest elevations extrapolated)	Channel to low area adjacent to Sandpiper Street Temporary weir not included	Orange County Survey
MN21 MN21N01L	Low area between North Lake McCoy and Sandpiper Street	Orange Co. Topographic Maps	1) Existing pipe outfall to South Lake Coroni 2) Road overtopping to South Lake Coroni	1) Jones, Hoechst & Assoc. (JHA) survey 2) WBQ plans for paving of Sandpiper Street
MS01 MS01N01W	Depressional Wetland	Orange Co. Topographic Maps	Existing 36" CMP culvert outfall pipe to node MS02N01P	Musselwhite multi-family development construction plans
MS02 MS02N01P	Existing pond south of Votaw Rd.	Orange Co. Topographic Maps	Existing drop structure and outfall pipe to South Lake McCoy	Assumed structure information
MS03 MS03N01P	Upper segment of Greenwood Gorge	Topography from Dyer, Riddle, Mills, and Precourt plans	1) Existing drop structure and outfall pipe to node MS04N01P 2) Existing weir overflow to node MS04N01P	Dyer, Riddle, Mills, and Precourt construction plans
MS04 MS04N01P	Middle segment of Greenwood Gorge	Topography from Dyer, Riddle, Mills, and Precourt plans	1) Existing drop structure and outfall pipe to node MS05N01P 2) Existing weir overflow to node MS05N01P	Dyer, Riddle, Mills, and Precourt construction plans
MS05 MS05N01P	Lower segment of Greenwood Gorge	Topography from Dyer, Riddle, Mills, and Precourt plans	1) Existing drop structure and outfall pipe to South Lake McCoy 2) Existing weir overflow to South Lake McCoy	Dyer, Riddle, Mills, and Precourt construction plans

PEC/ PROFESSIONAL ENGINEERING CONSULTANTS, INC.
engineers planners surveyors
Suite 1560 Eola Park Centre 200 East Robinson Street Orlando, Florida 32801 407/422-8062

PROJECT : LAKE McCOY, LAKE CORONI, PREVATT LAKE DRAINAGE BASIN STUDY
ORANGE COUNTY, FLORIDA
P.N. : OC-070/1.0
(filename: OC-070TB.WK4)
DATE : 07-Jan-97
CHECKED : David W. Hamstra, P.E.
SUBJECT : TABULATION OF BASIN/REACH DESCRIPTION AND SOURCE

BASIN/ NODE I.D.	STORAGE DESCRIPTION	SOURCE OF STORAGE INFORMATION	REACH DESCRIPTION	SOURCE OF REACH INFORMATION
MS06 MCCOY-S	No Storage	N/A	No Reach - discharge to South Lake McCoy	N/A
MS07 MS07N01P	Votaw Village south pond	Harling, Locklin & Assoc construction plans	Existing weir overflow to South Lake McCoy	Harling, Locklin & Assoc construction plans
MS08 MS08N01P	Votaw Village north pond	Harling, Locklin & Assoc construction plans	Existing weir overflow to South Lake McCoy	Harling, Locklin & Assoc construction plans
MS09 MCCOY-S	South Lake McCoy	Orange Co. Topographic Maps	1) Pipe under Votaw Road to North Lake McCoy 2) Votaw Road overtopping to North Lake McCoy	Jones, Hoechst & Assoc. (JHA) survey
PA01 PA05N01P	See PA05	See PA05	N/A	N/A
PA02 PA02N01P	100-year pond in Summerset Subdivision	SJRWMD Topographic Maps and construction plans by Hoepner and Associates	Berm overflow to Park Avenue drainage system via roadway	Summerset construction plans by Hoepner and Associates
PA03 PA05N01P	See PA05	See PA05	N/A	N/A
PA04 PA05N01P	See PA05	See PA05	N/A	N/A
PA05 PA05N01P	FDOT pond north of Votaw Rd. and west of Lake McCoy	FDOT plans for Park Avenue widening in 1979	Existing drop structure and outfall pipe to North Lake McCoy	FDOT plans for Park Avenue widening in 1979

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : DL01R01O
  FROM NODE        : DL01N01P
  TO NODE          : DL02N01W
  REACH TYPE       : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 147.700  NUMBER X-Y PTS:  12.000    OPENING (ft): 999.000
        WEIR COEF.:   2.600      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
```

X-VAL (ft)	Y-VAL (ft)
90.000	150.000
90.001	148.500
115.000	148.300
142.000	148.100
165.000	147.900
188.000	148.500
202.000	148.400
232.000	148.500
244.000	147.700
254.000	148.200
281.000	148.100
281.001	150.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.200	.70	7.01	7.00
.400	5.87	44.70	44.67
.500	12.72	92.63	92.50
.600	22.92	111.57	111.33
.700	34.94	129.51	129.17
.800	50.95	191.45	191.00
2.300	337.45	194.45	191.00
999.000	190708.10	194.45	191.00
1004.000	191663.20	194.45	191.00

NOTE: EXISTING DIRT ROAD OVERTOPPING

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MS03R03S
  FROM NODE        : MS03N01P
  TO NODE          : MS04N01P
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  93.600 BTM. WIDTH (ft):  22.000   LEFT SS (h/v):   2.000
     RGHT SS (h/v):   2.000    OPENING (ft): 999.000      WEIR COEF.:   2.600
        GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: UPPER GREENWOOD GORGE - WEIR FLOW

>>REACH NAME       : MS04R02S
  FROM NODE        : MS04N01P
  TO NODE          : MS05N01P
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  89.700 BTM. WIDTH (ft):  18.000   LEFT SS (h/v):   2.000
     RGHT SS (h/v):   2.000    OPENING (ft): 999.000      WEIR COEF.:   2.600
        GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: MIDDLE GREENWOOD GORGE - WEIR FLOW

>>REACH NAME       : MS05R02S
  FROM NODE        : MS05N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  79.800 BTM. WIDTH (ft):  20.000   LEFT SS (h/v):   2.000
     RGHT SS (h/v):   2.000    OPENING (ft): 999.000      WEIR COEF.:   2.600
        GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: LOWER GREENWOOD GORGE - WEIR FLOW

>>REACH NAME       : DL02R01O
  FROM NODE        : DL02N01W
  TO NODE          : DL03N01P
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 148.000  CREST LN. (ft): 200.000    OPENING (ft): 999.000
       WEIR COEF.:   2.600      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: OVERFLOW BETWEEN WETLAND & POND

>>REACH NAME       : MS07R01S
  FROM NODE        : MS07N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  64.600  CREST LN. (ft):   2.350    OPENING (ft): 999.000
       WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: VOTAW VILLAGE SOUTH POND OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MS08R01S
  FROM NODE        : MS08N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  64.300  CREST LN. (ft):    .900    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: VOTAW VILLAGE NORTH POND OUTFALL

>>REACH NAME       : MN03R03S
  FROM NODE        : MN03N01P
  TO NODE          : MN03N03D
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 105.950 BTM. WIDTH (ft):   5.200   LEFT SS (h/v):   4.800
     RGHT SS (h/v):   4.800    OPENING (ft): 999.000      WEIR COEF.:   2.800
        GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: ATHLETIC FIELD OVERFLOW WEIR

>>REACH NAME       : LP06R01S
  FROM NODE        : LP06N01P
  TO NODE          : LP07N01W
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  97.500 BTM. WIDTH (ft):  12.000   LEFT SS (h/v):   1.000
     RGHT SS (h/v):   1.000    OPENING (ft): 999.000      WEIR COEF.:   2.600
        GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: OUTFALL FROM WEKIVA PARK POND
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : DL05R02R
FROM NODE : DREAM
TO NODE : MCCOY-N
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 118.110 NUMBER X-Y PTS: 7.000 OPENING (ft): 999.000
WEIR COEF.: 2.800 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
6900.000	118.380
6950.000	118.210
7000.000	118.130
7050.000	118.110
7100.000	118.180
7150.000	118.310
7200.000	118.530

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.020	.64	64.29	64.29
.070	5.53	131.25	131.25
.100	9.92	161.54	161.54
.200	29.47	229.41	229.41
.270	46.81	265.91	265.91
.420	89.25	300.00	300.00
999.000	299663.30	300.00	300.00
1004.000	301163.30	300.00	300.00

NOTE: PARK AVE OVERTOPPING DOWN VOTAW RD

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : MN09R02R
FROM NODE : MN09N01P
TO NODE : MCCOY-N
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 65.880 NUMBER X-Y PTS: 13.000 OPENING (ft): 999.000
WEIR COEF.: 2.800 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
.000	67.000
.001	66.620
20.000	66.330
40.000	66.110
60.000	65.960
80.000	65.890
100.000	65.880
120.000	65.940
140.000	66.070
160.000	66.270
180.000	66.550
200.000	66.890
200.001	67.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.010	.12	23.33	23.33
.060	2.06	54.29	54.29
.080	3.23	63.08	63.08
.190	11.91	94.67	94.67
.230	15.88	104.00	104.00
.390	34.96	134.55	134.55
.450	43.33	144.29	144.29
.670	78.47	175.18	175.17
.740	91.04	184.13	184.12
1.010	142.90	200.28	200.00
1.120	164.90	200.50	200.00
999.000	199741.90	200.50	200.00
1004.000	200741.90	200.50	200.00

NOTE: WEKIVA LANDING - ROAD OVERTOPPING

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : MN21R02R
FROM NODE : MN21N01L
TO NODE : CORONI-S
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 62.810 NUMBER X-Y PTS: 13.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
-75.000	65.000
-74.999	63.590
-50.000	63.370
-25.000	63.280
.000	63.300
25.000	63.220
50.000	63.150
75.000	63.080
100.000	62.900
125.000	62.810
150.000	62.930
175.000	62.960
175.001	65.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.090	1.97	43.75	43.75
.120	3.44	54.17	54.17
.150	5.50	83.33	83.33
.270	16.50	100.12	100.00
.340	24.38	125.19	125.00
.410	34.00	150.26	150.00
.470	43.56	169.07	168.75
.490	47.31	205.90	205.55
.560	62.38	225.41	225.00
.780	114.62	250.63	250.00
2.190	467.12	253.45	250.00
999.000	249670.60	253.45	250.00
1004.000	250920.60	253.45	250.00

NOTE: SANDPIPER STREET OVERTOPPING

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP07R02R
FROM NODE : LP07N01W
TO NODE : LP10N02D
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 94.900 NUMBER X-Y PTS: 14.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
-45.000	98.000
-44.999	96.600
-30.000	96.000
-15.000	95.200
.000	95.600
15.000	95.200
30.000	94.900
45.000	94.899
60.000	94.900
75.000	95.400
90.000	95.399
105.000	95.500
120.000	96.200
120.001	98.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.001	.01	30.00	30.00
.301	12.62	54.01	54.00
.500	25.81	78.65	78.63
.501	25.90	93.92	93.90
.601	36.50	118.15	118.12
.701	48.89	129.68	129.64
1.101	103.96	145.77	145.71
1.301	134.03	155.06	155.00
1.701	198.03	165.47	165.00
3.101	429.03	168.27	165.00
999.000	164753.40	168.27	165.00
1004.000	165578.40	168.27	165.00

NOTE: DIRT ROAD OVERFLOW TO WEKIVA GLEN

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN03R01S
  FROM NODE        : MN03N01P
  TO NODE          : MN03N02D
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 105.940  CREST LN. (ft):   3.000    OPENING (ft): 999.000
       WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
             NOTE: ATHLETIC FIELD OVERFLOW TO INLET

>>REACH NAME       : MN13R02O
  FROM NODE        : MN13N01W
  TO NODE          : LP08N01W
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 104.700  CREST LN. (ft): 300.000    OPENING (ft): 999.000
       WEIR COEF.:   2.600      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
             NOTE: WETLAND OVERFLOW SOUTH OF WELCH RD

>>REACH NAME       : LP10R04R
  FROM NODE        : LP10N03P
  TO NODE          : PREVATT
  REACH TYPE       : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  92.600  NUMBER X-Y PTS:   6.000    OPENING (ft): 999.000
       WEIR COEF.:   2.800      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

                  X-VAL (ft) Y-VAL (ft)
                   -150.000     95.000
                   -149.999     93.770
                       .000     92.600
                     72.000     92.760
                    115.000     93.000
                    115.001     95.000

                  DEPTH (ft)  AREA (sf) PERIM (ft) TOPWD (ft)
                        .000        .00        .00        .00
                        .160       7.40      92.51      92.51
                        .400      38.46     166.28     166.28
                       1.170     204.50     265.78     265.00
                       2.400     530.45     268.24     265.00
                     999.000  264630.40     268.24     265.00
                    1004.000  265955.40     268.24     265.00

             NOTE: ROADWAY OVERTOPPING IN WEKIVA GLEN
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP08R02R
  FROM NODE        : LP08N01W
  TO NODE          : LP13N01W
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 102.500  CREST LN. (ft):  30.000    OPENING (ft): 999.000
       WEIR COEF.:   2.800      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
             NOTE: OVERTOPPING OF USTLER RD TO EAST

>>REACH NAME       : LP14R01S
  FROM NODE        : LP14N01P
  TO NODE          : LP14N02P
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  64.090  CREST LN. (ft):  25.000    OPENING (ft): 999.000
       WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
             NOTE: DEER LAKE RUN - UPPER POND "A" WEIR
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : DL03R02C
  FROM NODE        : DL03N02D
  TO NODE          : DREAM
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):1048.000
   U/S INVERT (ft): 139.100 D/S INVERT (ft): 117.000       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: SUMMIT LAKE OUTFALL TO DREAM LAKE

>>REACH NAME       : DL05R01C
  FROM NODE        : DREAM
  TO NODE          : MN01N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  99.000
   U/S INVERT (ft): 113.720 D/S INVERT (ft): 113.740       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE OUTFALL UNDER PARK AVE.
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MN01R01C
  FROM NODE        : MN01N01D
  TO NODE          : MN02N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 220.000
   U/S INVERT (ft): 114.490 D/S INVERT (ft): 112.240       MANNING N:    .013
       ENTRNC LOSS:   1.300   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE OUTFALL EAST OF PARK AVE

>>REACH NAME       : MN02R02C
  FROM NODE        : MN02N02D
  TO NODE          : MN03N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 880.000
   U/S INVERT (ft): 112.240 D/S INVERT (ft):  96.250       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE/APOPKA MIDDLE OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN03R02C
  FROM NODE        : MN03N02D
  TO NODE          : MN03N03D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000      RISE (in):  24.000     LENGTH (ft): 120.000
   U/S INVERT (ft):  94.230 D/S INVERT (ft):  93.940      MANNING N:    .024
      ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE/APOPKA MIDDLE OUTFALL

>>REACH NAME       : MN03R04C
  FROM NODE        : MN03N03D
  TO NODE          : MCCOY-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000      RISE (in):  24.000     LENGTH (ft):  60.000
   U/S INVERT (ft):  86.470 D/S INVERT (ft):  81.880      MANNING N:    .024
      ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE/APOPKA MIDDLE OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MS01R01C
  FROM NODE        : MS01N01W
  TO NODE          : MS02N01P
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  36.000      RISE (in):  36.000    LENGTH (ft): 305.000
   U/S INVERT (ft):  82.320 D/S INVERT (ft):  80.200     MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: WETLAND OUTFALL E. END OF MYRTLE ST

>>REACH NAME       : MS09R01C
  FROM NODE        : MCCOY-S
  TO NODE          : MCCOY-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  30.000      RISE (in):  30.000    LENGTH (ft): 228.000
   U/S INVERT (ft):  61.840 D/S INVERT (ft):  61.100     MANNING N:    .013
       ENTRNC LOSS:   2.100   # OF CULVERTS:   1.000

  POSITION A       : TRAPEZOIDAL ROADWAY/BERM WEIR
    CREST EL. (ft):  65.900 BOT. WIDTH (ft):    .000  LEFT SS (h/v): 108.000
     RGHT SS (h/v): 208.000     WEIR COEF.:   2.800      RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):******** CREST LN. (ft):********    WEIR COEF.:********
          RESERVED:******** RESERVED:********          RESERVED:********

              NOTE: LAKE MCCOY INTERCONNECT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN13R01C
  FROM NODE        : MN13N01W
  TO NODE          : LP08N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  18.000       RISE (in):  18.000     LENGTH (ft):  32.000
   U/S INVERT (ft): 102.970 D/S INVERT (ft): 103.030       MANNING N:    .024
       ENTRNC LOSS:    .700   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: SIDE DRAIN SOUTH OF WELCH RD

>>REACH NAME       : MN15R01C
  FROM NODE        : MN15N01D
  TO NODE          : MN16N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  42.000       RISE (in):  42.000     LENGTH (ft): 392.000
   U/S INVERT (ft): 133.000 D/S INVERT (ft): 126.730       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL (GROSSENBACHER)
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MN16R01C
  FROM NODE        : MN16N01D
  TO NODE          : MN17N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  42.000       RISE (in):  42.000     LENGTH (ft): 743.000
   U/S INVERT (ft): 126.730 D/S INVERT (ft): 119.300      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL (GROSSENBACHER)

>>REACH NAME       : MN17R01C
  FROM NODE        : MN17N01D
  TO NODE          : MN18N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  79.000
   U/S INVERT (ft): 119.420 D/S INVERT (ft): 119.220      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL (UNDER PARK AV)
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MN18R01C
  FROM NODE        : MN18N01W
  TO NODE          : MCCOY-N
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  60.000      RISE (in):  36.000     LENGTH (ft):  82.000
   U/S INVERT (ft):  60.690 D/S INVERT (ft):  60.520      MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):  65.300  CREST LN. (ft): 200.000     WEIR COEF.:   2.800
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: CROSS CULVERT UNDER USTLER RD

>>REACH NAME       : MN12R01C
  FROM NODE        : MN12N01D
  TO NODE          : MN13N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000      RISE (in):  36.000     LENGTH (ft): 120.000
   U/S INVERT (ft): 116.110 D/S INVERT (ft): 115.430      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: ROCK SPRINGS RD. CROSS CULVERTS
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN14R01C
  FROM NODE        : MN14N01D
  TO NODE          : MN18N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  48.000      RISE (in):  48.000    LENGTH (ft):  59.000
   U/S INVERT (ft): 69.880 D/S INVERT (ft): 69.310      MANNING N:    .013
       ENTRNC LOSS:   .500   # OF CULVERTS:  1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: CROSS CULVERT UNDER SANDPIPER ST

>>REACH NAME       : MN21R01C
  FROM NODE        : MN21N01L
  TO NODE          : CORONI-S
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  38.000      RISE (in):  24.000    LENGTH (ft):  60.000
   U/S INVERT (ft): 59.000 D/S INVERT (ft): 58.840      MANNING N:    .024
       ENTRNC LOSS:   .500   # OF CULVERTS:  2.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: NORTH LAKE MCCOY OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LC08R01C
  FROM NODE        : CORONI-S
  TO NODE          : CORONI-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  50.000
   U/S INVERT (ft):  57.150 D/S INVERT (ft):  56.870      MANNING N:    .015
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):  60.300  CREST LN. (ft): 500.000     WEIR COEF.:   2.600
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):******** CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: CULVERT UNDER GAS EASEMENT

>>REACH NAME       : LC08R02C
  FROM NODE        : CORONI-S
  TO NODE          : CORONI-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  50.000
   U/S INVERT (ft):  57.250 D/S INVERT (ft):  57.140      MANNING N:    .015
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: CULVERT UNDER GAS EASEMENT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC05R01C
  FROM NODE        : LC05N01P
  TO NODE          : LC05N02D
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  38.000       RISE (in):  24.000     LENGTH (ft): 293.000
   U/S INVERT (ft):  64.000 D/S INVERT (ft):  64.250       MANNING N:    .013
       ENTRNC LOSS:   1.400   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DEER LAKE RUN POND "C" OUTFALL

>>REACH NAME       : LC05R02C
  FROM NODE        : LC05N02D
  TO NODE          : LC05N03D
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  38.000       RISE (in):  24.000     LENGTH (ft): 312.000
   U/S INVERT (ft):  64.250 D/S INVERT (ft):  64.130       MANNING N:    .013
       ENTRNC LOSS:   1.100   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DEER LAKE RUN POND "C" OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LC05R03C
  FROM NODE        : LC05N03D
  TO NODE          : LC06N01P
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  53.000       RISE (in):  34.000     LENGTH (ft): 488.000
   U/S INVERT (ft):  63.300 D/S INVERT (ft):  63.000      MANNING N:    .013
       ENTRNC LOSS:   1.600   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DEER LAKE RUN POND "C" OUTFALL

>>REACH NAME       : LP02R01C
  FROM NODE        : LP02N01D
  TO NODE          : LP07N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  97.000
   U/S INVERT (ft): 111.520 D/S INVERT (ft): 111.420      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 117.220  CREST LN. (ft): 200.000    WEIR COEF.:   2.800
         RESERVED:********        RESERVED:********      RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********    WEIR COEF.:********
         RESERVED:********        RESERVED:********      RESERVED:********

              NOTE: ROCK SPRINGS RD. CROSS CULVERT
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LP02R02C
  FROM NODE        : LP02N01D
  TO NODE          : LP07N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  36.000      RISE (in):  36.000    LENGTH (ft):  97.000
   U/S INVERT (ft): 111.280 D/S INVERT (ft): 110.980   MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: ROCK SPRINGS RD. CROSS CULVERT

>>REACH NAME       : LP03R01C
  FROM NODE        : LP03N01P
  TO NODE          : LP02N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  24.000      RISE (in):  24.000    LENGTH (ft):  35.000
   U/S INVERT (ft): 125.740 D/S INVERT (ft): 125.730   MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 128.900  CREST LN. (ft): 100.000   WEIR COEF.:   2.600
         RESERVED:********        RESERVED:********     RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********   WEIR COEF.:********
         RESERVED:********        RESERVED:********     RESERVED:********

              NOTE: TRAILER PARK POND OUTFALL PIPE
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LP04R01C
  FROM NODE        : LP04N01D
  TO NODE          : LP07N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  85.000
   U/S INVERT (ft): 114.940 D/S INVERT (ft): 114.260      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 120.000  CREST LN. (ft): 200.000     WEIR COEF.:   2.800
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: ROCK SPRINGS RD. CROSS CULVERT

>>REACH NAME       : LP05R01C
  FROM NODE        : LP05N01P
  TO NODE          : LP06N01P
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 215.000
   U/S INVERT (ft):  94.000 D/S INVERT (ft):  94.000      MANNING N:    .013
       ENTRNC LOSS:    .700   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: EQUALIZER BETWEEN WEKIVA PARK PONDS
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LP08R01C
  FROM NODE        : LP08N01W
  TO NODE          : LP08N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  24.000      RISE (in):  24.000    LENGTH (ft):  66.000
   U/S INVERT (ft):  99.130 D/S INVERT (ft):  99.840    MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):9999.000  CREST LN. (ft):    .000    WEIR COEF.:   2.800
         RESERVED:********       RESERVED:********      RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********    WEIR COEF.:********
         RESERVED:********       RESERVED:********      RESERVED:********

              NOTE: CROSS CULVERTS UNDER WELCH RD

>>REACH NAME       : LP08R03C
  FROM NODE        : LP08N02D
  TO NODE          : LP10N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  30.000      RISE (in):  30.000    LENGTH (ft):1170.000
   U/S INVERT (ft):  99.050 D/S INVERT (ft):  96.000    MANNING N:    .013
       ENTRNC LOSS:   2.500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: WELCH ROAD OUTFALL THRU WEKIVA PARK
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LP07R01C
  FROM NODE        : LP07N01W
  TO NODE          : LP10N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  40.000
   U/S INVERT (ft):  92.800 D/S INVERT (ft):  92.660      MANNING N:    .015
      ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):9999.000  CREST LN. (ft):    .000     WEIR COEF.:   2.600
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: WETLAND OUTFALL TO WEKIVA GLEN

>>REACH NAME       : LP10R03C
  FROM NODE        : LP10N03P
  TO NODE          : PREVATT
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  38.000       RISE (in):  24.000     LENGTH (ft): 100.000
   U/S INVERT (ft):  86.890 D/S INVERT (ft):  86.150      MANNING N:    .013
      ENTRNC LOSS:    .500   # OF CULVERTS:   3.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):9999.000  CREST LN. (ft):    .000     WEIR COEF.:   2.800
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: OUTFALL THRU WEKIVA GLENSUBDIV.
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC09R01C
  FROM NODE        : CORONI-N
  TO NODE          : LP13N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  60.000      RISE (in):  60.000    LENGTH (ft):  88.000
   U/S INVERT (ft): 58.660 D/S INVERT (ft): 58.780     MANNING N:    .013
       ENTRNC LOSS:   .500   # OF CULVERTS:  1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: PARADISE ISLE DR. CROSS CULVERT

>>REACH NAME       : LP13R01C
  FROM NODE        : LP13N01W
  TO NODE          : PREVATT
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000      RISE (in):  36.000    LENGTH (ft): 130.000
   U/S INVERT (ft): 57.780 D/S INVERT (ft): 57.570     MANNING N:    .013
       ENTRNC LOSS:   .700   # OF CULVERTS:  1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: CROSS CULVERT UNDER WELCH RD
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LP13R02C
  FROM NODE        : LP13N01W
  TO NODE          : PREVATT
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft): 130.000
   U/S INVERT (ft): 57.760 D/S INVERT (ft):  57.260       MANNING N:    .013
       ENTRNC LOSS:    .700   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: CROSS CULVERT UNDER WELCH RD

>>REACH NAME       : CB01R01C
  FROM NODE        : CARPENTR
  TO NODE          : TW
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE FLOW DIRECTION ONLY
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  20.000
   U/S INVERT (ft): 45.480 D/S INVERT (ft):  45.100       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 49.500  CREST LN. (ft): 200.000      WEIR COEF.:   2.600
        RESERVED:********       RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
        RESERVED:********       RESERVED:********       RESERVED:********

              NOTE: CROSS CULVERTS UNDER OLD TRAM BED
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : DL03R01S
  FROM NODE        : DL03N01P
  TO NODE          : DL03N02D
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  30.000      RISE (in):  30.000    LENGTH (ft): 672.000
   U/S INVERT (ft): 142.000 D/S INVERT (ft): 139.100     MANNING N:    .013
      ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 144.500  CREST LN. (ft):   1.700    OPENING (ft):   2.500
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 147.000  CREST LN. (ft):  12.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: SUMMIT LAKE OUTFALL TO DREAM LAKE

>>REACH NAME       : MS02R01S
  FROM NODE        : MS02N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  36.000      RISE (in):  36.000    LENGTH (ft):  40.000
   U/S INVERT (ft): 75.000 D/S INVERT (ft):  75.000     MANNING N:    .024
      ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  80.000  CREST LN. (ft):   4.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: POND OUTFALL SOUTH OF VOTAW RD
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MS03R01S
  FROM NODE        : MS03N01P
  TO NODE          : MS04N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):  58.000
   U/S INVERT (ft):  83.500 D/S INVERT (ft):  83.400      MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  87.000  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: UPPER GREENWOOD GORGE - PIPE FLOW

>>REACH NAME       : MS04R01S
  FROM NODE        : MS04N01P
  TO NODE          : MS05N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):  65.000
   U/S INVERT (ft):  79.500 D/S INVERT (ft):  79.400      MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  82.500  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: MIDDLE GREENWOOD GORGE - PIPE FLOW
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MS05R01S
  FROM NODE        : MS05N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  30.000      RISE (in):  30.000    LENGTH (ft):  46.000
   U/S INVERT (ft): 72.100 D/S INVERT (ft): 72.000     MANNING N:    .024
      ENTRNC LOSS:   .500   # OF CULVERTS:  1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 75.500  CREST LN. (ft): 15.000   OPENING (ft): 999.000
       WEIR COEF.:  3.000      GATE COEF.:   .600 NUMBER OF ELEM.:  1.000

  POSITION B       : NOT USED

              NOTE: LOWER GREENWOOD GORGE - PIPE FLOW

>>REACH NAME       : PA05R01S
  FROM NODE        : PA05N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  42.000      RISE (in):  42.000    LENGTH (ft): 315.000
   U/S INVERT (ft): 61.900 D/S INVERT (ft): 60.100     MANNING N:    .013
      ENTRNC LOSS:  1.700   # OF CULVERTS:  1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 67.000  CREST LN. (ft): 21.800   OPENING (ft): 999.000
       WEIR COEF.:  3.000      GATE COEF.:   .600 NUMBER OF ELEM.:  1.000

  POSITION B       : NOT USED

              NOTE: PARK AVE (FDOT) POND OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : BP01R01S
  FROM NODE        : BP01N01P
  TO NODE          : BUCHAN
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft): 130.000
   U/S INVERT (ft): 137.000 D/S INVERT (ft): 136.670       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 139.850  CREST LN. (ft):   2.750    OPENING (ft):   3.150
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 143.000  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: PINES OF WEKIVA - POND 3 OUTFALL

>>REACH NAME       : BP02R01S
  FROM NODE        : BP02N01P
  TO NODE          : BP04N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  80.000
   U/S INVERT (ft): 141.600 D/S INVERT (ft): 139.000       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 144.250  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PINES OF WEK - UPPER POND 2 OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : BP03R01S
  FROM NODE        : BP03N01P
  TO NODE          : BP04N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft): 774.000
   U/S INVERT (ft): 138.540 D/S INVERT (ft): 137.000      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 145.500  CREST LN. (ft):   8.000    OPENING (ft):   1.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: APOPKA HIGH - 9TH GRADEOUTFALL

>>REACH NAME       : BP04R01S
  FROM NODE        : BP04N01P
  TO NODE          : BUCHAN
  REACH TYPE       : DROP STRUCTURE w/ ELLP. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  60.000       RISE (in):  38.000     LENGTH (ft): 140.000
   U/S INVERT (ft): 137.000 D/S INVERT (ft): 136.650      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 139.750  CREST LN. (ft):   6.170    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PINES OF WEK - LOWER POND 2 OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : BP05R01S
  FROM NODE        : BUCHAN
  TO NODE          : MN15N01D
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft): 315.000
   U/S INVERT (ft): 136.720 D/S INVERT (ft): 133.000       MANNING N:    .013
      ENTRNC LOSS:   1.100   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 137.160  CREST LN. (ft):   4.000    OPENING (ft): 999.000
       WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL

>>REACH NAME       : MN02R01S
  FROM NODE        : MN02N01P
  TO NODE          : MN02N02D
  REACH TYPE       : DROP STRUCTURE w/ ELLP. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  19.000     LENGTH (ft):  42.000
   U/S INVERT (ft): 112.500 D/S INVERT (ft): 112.240       MANNING N:    .013
      ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 114.200  CREST LN. (ft):   1.500    OPENING (ft): 999.000
       WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: APOPKA MIDDLE SCHOOL CONTROL STR.
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MN09R01S
  FROM NODE        : MN09N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  15.000      RISE (in):  15.000    LENGTH (ft): 100.000
   U/S INVERT (ft): 63.250 D/S INVERT (ft): 63.000     MANNING N:    .013
      ENTRNC LOSS:   .500   # OF CULVERTS:  1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 65.000  CREST LN. (ft): 15.000   OPENING (ft): 999.000
       WEIR COEF.:  3.000      GATE COEF.:   .600 NUMBER OF ELEM.:  1.000

  POSITION B       : NOT USED

              NOTE: WEKIVA LANDING POND OUTFALL

>>REACH NAME       : MN10R01S
  FROM NODE        : MN10N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  24.000      RISE (in):  24.000    LENGTH (ft): 278.000
   U/S INVERT (ft): 62.500 D/S INVERT (ft): 58.730     MANNING N:    .013
      ENTRNC LOSS:  1.000   # OF CULVERTS:  1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 64.400  CREST LN. (ft):  2.000   OPENING (ft):  1.100
       WEIR COEF.:  3.000      GATE COEF.:   .600 NUMBER OF ELEM.:  1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 65.500  CREST LN. (ft): 10.000   OPENING (ft): 999.000
       WEIR COEF.:  3.000      GATE COEF.:   .600 NUMBER OF ELEM.:  1.000

              NOTE: OAKWATER ESTATES POND #2 OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MN11R01S
  FROM NODE        : MN11N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft): 258.000
   U/S INVERT (ft):  62.500 D/S INVERT (ft):  59.000       MANNING N:    .013
      ENTRNC LOSS:   1.000   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  64.200  CREST LN. (ft):   1.000    OPENING (ft):    .750
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  65.500  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: OAKWATER ESTATES POND #1 OUTFALL

>>REACH NAME       : LC01R01S
  FROM NODE        : LC01N01L
  TO NODE          : CORONI-S
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft):  78.000
   U/S INVERT (ft):  80.660 D/S INVERT (ft):  78.880       MANNING N:    .013
      ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  83.280  CREST LN. (ft):   7.600    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: OUTFALL UNDER USTLER RD
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC03R01S
  FROM NODE        : LC03N01P
  TO NODE          : CORONI-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft):  32.000
   U/S INVERT (ft):  59.000 D/S INVERT (ft):  58.400       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  63.000  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: WEKIWA WOODS POND 2 OUTFALL

>>REACH NAME       : LC04R01S
  FROM NODE        : LC04N01P
  TO NODE          : CORONI-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft):  30.000
   U/S INVERT (ft):  59.010 D/S INVERT (ft):  58.450       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  62.520  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: WEKIWA WOODS POND 1 OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC06R01S
  FROM NODE        : LC06N01P
  TO NODE          : CORONI-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  45.000
   U/S INVERT (ft):  61.030 D/S INVERT (ft):  61.000      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  66.000  CREST LN. (ft):   5.000    OPENING (ft):   1.250
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  67.250  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: DEER LAKE RUN POND "B" OUTFALL

>>REACH NAME       : LP09R01S
  FROM NODE        : LP09N01P
  TO NODE          : LP10N01D
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  30.000
   U/S INVERT (ft):  95.200 D/S INVERT (ft):  95.200      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  98.360  CREST LN. (ft):  30.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PARKVIEW POND OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP14R02S
  FROM NODE        : LP14N02P
  TO NODE          : PREVATT
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
       SPAN (in):  24.000      RISE (in):  24.000    LENGTH (ft):  40.000
   U/S INVERT (ft): 59.050 D/S INVERT (ft): 59.000     MANNING N:    .013
       ENTRNC LOSS:   .500   # OF CULVERTS:  1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 61.480  CREST LN. (ft):  1.000    OPENING (ft):   2.020
        WEIR COEF.:  3.000      GATE COEF.:   .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 63.500  CREST LN. (ft): 14.000    OPENING (ft): 999.000
        WEIR COEF.:  3.000      GATE COEF.:   .600 NUMBER OF ELEM.:   1.000

              NOTE: DEER LAKE RUN LOWER POND "A" STRUCT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP01R01X
FROM NODE : LP01N01W
TO NODE : LP02N01D
REACH TYPE : TRAPEZOIDAL CHANNEL, MOMENTUM EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
OUTLET CONTROL : FREE
BOT. WIDTH (ft): 3.000 LEFT SS (h/v): 1.000 RGHT SS (h/v): 1.000
LENGTH (ft):1672.000 U/S INVERT (ft): 121.300 D/S INVERT (ft): 111.300
MANNING N: .035 MAX. DEPTH (ft): 5.000

NOTE: DITCH PARALLEL TO LESTER RD.

>>REACH NAME : MN20R01X
FROM NODE : MCCOY-N
TO NODE : MN21N01L
REACH TYPE : IRREGULAR SECTION CHANNEL, MOMENTUM EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
OUTLET CONTROL : FREE
LENGTH (ft): 100.000 U/S INVERT (ft): 60.300 D/S INVERT (ft): 60.200
MAX. DEPTH (ft): 5.000

X-VAL (ft)	Y-VAL (ft)	N-VAL
-30.000	67.000	.100
-29.999	63.000	.100
-5.000	62.700	.100
.000	60.300	.040
5.000	61.700	.040
30.000	62.700	.100
30.001	67.000	.100

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)	CONVEYANCE
.000	.00	.00	.00	.0
1.400	5.54	8.43	7.92	155.7
2.400	27.00	35.76	35.00	775.0
2.700	41.25	61.06	60.00	1169.9
5.000	179.25	65.66	60.00	7496.0
6.700	281.25	65.66	60.00	15039.8
11.700	581.26	65.66	60.00	48172.4

NOTE: OUTFALL DITCH NORTH TO SANDPIPER ST

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : DL01R02A
FROM NODE : DL01N01P
TO NODE : DW
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
144.750	.000
145.250	2.700
145.750	3.800
146.250	4.600
146.750	5.300
147.250	6.000
147.750	6.500
148.250	7.100
148.750	7.600
149.750	8.400

NOTE: DRAINWELL ON USTLER POND

>>REACH NAME : PA02R01A
FROM NODE : PA02N01P
TO NODE : PA05N01P
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
150.000	.000
150.500	100.000

NOTE: SUMMERSET POND OVERTOPPING

>>REACH NAME : MN07R01A
FROM NODE : MN07N01P
TO NODE : MCCOY-N
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
70.000	.000
70.500	100.000

NOTE: OVERTOPPING OF DEPRESSIONAL AREA

>>REACH NAME : MN08R01A
FROM NODE : MN08N01P
TO NODE : MCCOY-N
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
72.000	.000
72.500	50.000

NOTE: PINE OAKS POND OVERTOPPING

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC02R01A
  FROM NODE        : LC02N01P
  TO NODE          : CORONI-S
  REACH TYPE       : SINGLE STAGE-DISCHARGE RATING CURVE
                     STAGE (ft) DISCHARGE (cfs)
                         87.800            .000
                         89.000          40.000

                NOTE: BUTLER MANOR POND DISCHARGE

>>REACH NAME       : LC07R01A
  FROM NODE        : LC07N01P
  TO NODE          : CORONI-N
  REACH TYPE       : SINGLE STAGE-DISCHARGE RATING CURVE
                     STAGE (ft) DISCHARGE (cfs)
                         72.000            .000
                         72.500          50.000

                NOTE: DEER LAKE CHASE POND OVERTOPPING

>>REACH NAME       : MN13R01A
  FROM NODE        : MN13N01W
  TO NODE          : MN14N01D
  REACH TYPE       : SINGLE STAGE-DISCHARGE RATING CURVE
                     STAGE (ft) DISCHARGE (cfs)
                        101.500            .000
                        102.900          10.000
                        103.420          20.000
                        103.800          30.000
                        104.130          40.000
                        104.360          50.000
                        104.540          60.000
                        104.800          80.000
                        104.980         100.000
                        105.140         120.000

                NOTE: WETLAND OUTFALL DITCH RATING CURVE

>>REACH NAME       : MN19R01A
  FROM NODE        : MN19N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : SINGLE STAGE-DISCHARGE RATING CURVE
                     STAGE (ft) DISCHARGE (cfs)
                        106.000            .000
                        106.500          50.000

                NOTE: MAGNOLIA OAKS POND OVERTOPPING
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP10R01A
FROM NODE : LP10N01D
TO NODE : LP10N02D
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
95.800	.000
97.290	10.000
97.700	20.000
98.000	30.000
98.250	40.000
98.460	50.000
98.640	60.000
98.810	70.000
98.970	80.000
99.110	90.000

NOTE: PARKVIEW CHANNEL RATING CURVE

>>REACH NAME : LP10R02A
FROM NODE : LP10N02D
TO NODE : LP10N03P
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
90.200	.000
91.430	35.000
92.050	70.000
92.500	105.000
92.800	140.000
93.150	175.000
93.380	210.000
93.700	280.000
94.100	385.000
94.570	525.000

NOTE: WEKIVA GLEN CHANNEL RATING CURVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP16R01A
FROM NODE : PREVATT
TO NODE : CARPENTR
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
56.600	.000
57.780	10.000
58.170	20.000
58.390	30.000
58.680	50.000
59.150	90.000
59.550	130.000
59.910	170.000
60.210	210.000
60.480	250.000

NOTE: CARPENTER BRANCH RATING CURVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

REACH SUMMARY

INDEX	RCHNAME	FRMNODE	TONODE	REACH TYPE
1	DL01R01O	DL01N01P	DL02N01W	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
2	MS03R03S	MS03N01P	MS04N01P	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
3	MS04R02S	MS04N01P	MS05N01P	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
4	MS05R02S	MS05N01P	MCCOY-S	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
5	DL02R01O	DL02N01W	DL03N01P	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
6	MS07R01S	MS07N01P	MCCOY-S	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
7	MS08R01S	MS08N01P	MCCOY-S	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
8	MN03R03S	MN03N01P	MN03N03D	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
9	LP06R01S	LP06N01P	LP07N01W	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
10	DL05R02R	DREAM	MCCOY-N	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
11	MN09R02R	MN09N01P	MCCOY-N	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
12	MN21R02R	MN21N01L	CORONI-S	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
13	LP07R02R	LP07N01W	LP10N02D	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
14	MN03R01S	MN03N01P	MN03N02D	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
15	MN13R02O	MN13N01W	LP08N01W	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
16	LP10R04R	LP10N03P	PREVATT	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
17	LP08R02R	LP08N01W	LP13N01W	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
18	LP14R01S	LP14N01P	LP14N02P	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
19	DL03R02C	DL03N02D	DREAM	CULVERT, CIRCULAR w/ ROADWAY
20	DL05R01C	DREAM	MN01N01D	CULVERT, CIRCULAR w/ ROADWAY
21	MN01R01C	MN01N01D	MN02N02D	CULVERT, CIRCULAR w/ ROADWAY
22	MN02R02C	MN02N02D	MN03N02D	CULVERT, CIRCULAR w/ ROADWAY
23	MN03R02C	MN03N02D	MN03N03D	CULVERT, CIRCULAR w/ ROADWAY
24	MN03R04C	MN03N03D	MCCOY-N	CULVERT, CIRCULAR w/ ROADWAY
25	MS01R01C	MS01N01W	MS02N01P	CULVERT, CIRCULAR w/ ROADWAY
26	MS09R01C	MCCOY-S	MCCOY-N	CULVERT, CIRCULAR w/ ROADWAY
27	MN13R01C	MN13N01W	LP08N01W	CULVERT, CIRCULAR w/ ROADWAY
28	MN15R01C	MN15N01D	MN16N01D	CULVERT, CIRCULAR w/ ROADWAY
29	MN16R01C	MN16N01D	MN17N01D	CULVERT, CIRCULAR w/ ROADWAY
30	MN17R01C	MN17N01D	MN18N01W	CULVERT, CIRCULAR w/ ROADWAY
31	MN18R01C	MN18N01W	MCCOY-N	CULVERT, ELLIPTICAL w/ ROADWAY
32	MN12R01C	MN12N01D	MN13N01W	CULVERT, CIRCULAR w/ ROADWAY
33	MN14R01C	MN14N01D	MN18N01W	CULVERT, CIRCULAR w/ ROADWAY
34	MN21R01C	MN21N01L	CORONI-S	CULVERT, ELLIPTICAL w/ ROADWAY
35	LC08R01C	CORONI-S	CORONI-N	CULVERT, CIRCULAR w/ ROADWAY
36	LC08R02C	CORONI-S	CORONI-N	CULVERT, CIRCULAR w/ ROADWAY
37	LC05R01C	LC05N01P	LC05N02D	CULVERT, ELLIPTICAL w/ ROADWAY
38	LC05R02C	LC05N02D	LC05N03D	CULVERT, ELLIPTICAL w/ ROADWAY
39	LC05R03C	LC05N03D	LC06N01P	CULVERT, ELLIPTICAL w/ ROADWAY
40	LP02R01C	LP02N01D	LP07N01W	CULVERT, CIRCULAR w/ ROADWAY
41	LP02R02C	LP02N01D	LP07N01W	CULVERT, CIRCULAR w/ ROADWAY
42	LP03R01C	LP03N01P	LP02N01D	CULVERT, CIRCULAR w/ ROADWAY
43	LP04R01C	LP04N01D	LP07N01W	CULVERT, CIRCULAR w/ ROADWAY
44	LP05R01C	LP05N01P	LP06N01P	CULVERT, CIRCULAR w/ ROADWAY

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

REACH SUMMARY

INDEX	RCHNAME	FRMNODE	TONODE	REACH TYPE
45	LP08R01C	LP08N01W	LP08N02D	CULVERT, CIRCULAR w/ ROADWAY
46	LP08R03C	LP08N02D	LP10N01D	CULVERT, CIRCULAR w/ ROADWAY
47	LP07R01C	LP07N01W	LP10N02D	CULVERT, CIRCULAR w/ ROADWAY
48	LP10R03C	LP10N03P	PREVATT	CULVERT, ELLIPTICAL w/ ROADWAY
49	LC09R01C	CORONI-N	LP13N01W	CULVERT, CIRCULAR w/ ROADWAY
50	LP13R01C	LP13N01W	PREVATT	CULVERT, CIRCULAR w/ ROADWAY
51	LP13R02C	LP13N01W	PREVATT	CULVERT, CIRCULAR w/ ROADWAY
52	CB01R01C	CARPENTR	TW	CULVERT, CIRCULAR w/ ROADWAY
53	DL03R01S	DL03N01P	DL03N02D	DROP STRUCTURE w/ CIRC. CULVERT
54	MS02R01S	MS02N01P	MCCOY-S	DROP STRUCTURE w/ CIRC. CULVERT
55	MS03R01S	MS03N01P	MS04N01P	DROP STRUCTURE w/ CIRC. CULVERT
56	MS04R01S	MS04N01P	MS05N01P	DROP STRUCTURE w/ CIRC. CULVERT
57	MS05R01S	MS05N01P	MCCOY-S	DROP STRUCTURE w/ CIRC. CULVERT
58	PA05R01S	PA05N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
59	BP01R01S	BP01N01P	BUCHAN	DROP STRUCTURE w/ CIRC. CULVERT
60	BP02R01S	BP02N01P	BP04N01P	DROP STRUCTURE w/ CIRC. CULVERT
61	BP03R01S	BP03N01P	BP04N01P	DROP STRUCTURE w/ CIRC. CULVERT
62	BP04R01S	BP04N01P	BUCHAN	DROP STRUCTURE w/ ELLP. CULVERT
63	BP05R01S	BUCHAN	MN15N01D	DROP STRUCTURE w/ CIRC. CULVERT
64	MN02R01S	MN02N01P	MN02N02D	DROP STRUCTURE w/ ELLP. CULVERT
65	MN09R01S	MN09N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
66	MN10R01S	MN10N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
67	MN11R01S	MN11N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
68	LC01R01S	LC01N01L	CORONI-S	DROP STRUCTURE w/ CIRC. CULVERT
69	LC03R01S	LC03N01P	CORONI-N	DROP STRUCTURE w/ CIRC. CULVERT
70	LC04R01S	LC04N01P	CORONI-N	DROP STRUCTURE w/ CIRC. CULVERT
71	LC06R01S	LC06N01P	CORONI-N	DROP STRUCTURE w/ CIRC. CULVERT
72	LP09R01S	LP09N01P	LP10N01D	DROP STRUCTURE w/ CIRC. CULVERT
73	LP14R02S	LP14N02P	PREVATT	DROP STRUCTURE w/ CIRC. CULVERT
74	LP01R01X	LP01N01W	LP02N01D	TRAPEZOIDAL CHANNEL, MOMENTUM EQ.
75	MN20R01X	MCCOY-N	MN21N01L	IRREGULAR SECTION CHANNEL, MOMENTUM EQ.
76	DL01R02A	DL01N01P	DW	SINGLE STAGE-DISCHARGE RATING CURVE
77	PA02R01A	PA02N01P	PA05N01P	SINGLE STAGE-DISCHARGE RATING CURVE
78	MN07R01A	MN07N01P	MCCOY-N	SINGLE STAGE-DISCHARGE RATING CURVE
79	MN08R01A	MN08N01P	MCCOY-N	SINGLE STAGE-DISCHARGE RATING CURVE
80	LC02R01A	LC02N01P	CORONI-S	SINGLE STAGE-DISCHARGE RATING CURVE
81	LC07R01A	LC07N01P	CORONI-N	SINGLE STAGE-DISCHARGE RATING CURVE
82	MN13R01A	MN13N01W	MN14N01D	SINGLE STAGE-DISCHARGE RATING CURVE
83	MN19R01A	MN19N01P	MCCOY-N	SINGLE STAGE-DISCHARGE RATING CURVE
84	LP10R01A	LP10N01D	LP10N02D	SINGLE STAGE-DISCHARGE RATING CURVE
85	LP10R02A	LP10N02D	LP10N03P	SINGLE STAGE-DISCHARGE RATING CURVE
86	LP16R01A	PREVATT	CARPENTR	SINGLE STAGE-DISCHARGE RATING CURVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS (ALL SIMULATIONS)
January 7, 1997

INPUT SUMMARY

DATA TYPE	NUMBER READ
NODES	73
REACHES	
WEIRS	18
CULVERTS	34
DROP STRUCTURES	21
CHANNELS, ENERGY EQ.	0
CHANNELS, MOMENTUM EQ.	2
RATING CURVES	11
TOTAL REACHES	86

EXISTING CONDITIONS

FLOOD ROUTING RESULTS

2.33-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
DL01N01P	STAGE (ft):	144.75	59.75	148.04	11.33
	VOLUME (af):	.93	59.75	6.32	11.33
	RUNOFF (cfs):	.00	59.75	29.23	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	13.32	11.33
DL02N01W	STAGE (ft):	143.98	5.25	146.37	59.75
	VOLUME (af):	1.64	5.08	10.28	59.75
	RUNOFF (cfs):	.00	59.75	17.51	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	6.47	11.33
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DL03N01P	STAGE (ft):	142.70	6.67	144.63	24.33
	VOLUME (af):	.00	6.42	5.84	24.33
	RUNOFF (cfs):	.00	59.75	15.93	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	17.67	.23	24.33
DL03N02D	STAGE (ft):	139.10	59.75	139.10	23.00
	VOLUME (af):	.03	17.83	.03	23.00
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	17.67	.23	24.33
	OUTFLOW (cfs):	.00	59.75	4.76	23.00
DREAM	STAGE (ft):	114.97	7.67	115.54	20.42
	VOLUME (af):	21.21	7.67	31.51	20.42
	RUNOFF (cfs):	.00	59.75	31.37	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	4.76	23.00
	OUTFLOW (cfs):	.50	8.08	4.54	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	6.33	140.59	13.17
	VOLUME (af):	.00	6.17	3.67	13.17
	RUNOFF (cfs):	.00	59.75	17.80	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.25	5.21	13.17
BP02N01P	STAGE (ft):	143.00	5.50	144.44	11.75
	VOLUME (af):	.00	5.17	1.92	11.75
	RUNOFF (cfs):	.00	59.75	8.59	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.08	2.53	11.75
BP03N01P	STAGE (ft):	143.50	4.75	145.74	13.08
	VOLUME (af):	.00	4.75	2.82	13.08
	RUNOFF (cfs):	.00	59.75	11.62	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.17	2.82	13.08
BP04N01P	STAGE (ft):	139.00	4.75	140.46	11.33
	VOLUME (af):	.03	4.50	2.92	11.33
	RUNOFF (cfs):	.00	59.75	18.48	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.08	5.21	13.00
	OUTFLOW (cfs):	.00	8.42	11.19	11.33
BUCHAN	STAGE (ft):	137.63	6.75	138.42	18.83
	VOLUME (af):	38.37	6.75	52.40	18.83
	RUNOFF (cfs):	.00	30.25	21.98	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.42	16.04	11.58
	OUTFLOW (cfs):	2.15	6.75	7.12	18.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MS01N01W	STAGE (ft):	82.30	6.50	85.30	10.33
	VOLUME (af):	.00	6.25	1.20	10.33
	RUNOFF (cfs):	.00	59.75	30.63	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.42	29.75	10.33
MS02N01P	STAGE (ft):	80.00	6.17	82.01	10.50
	VOLUME (af):	.00	5.92	1.18	10.50
	RUNOFF (cfs):	.00	59.75	6.77	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.42	29.75	10.33
	OUTFLOW (cfs):	.00	6.17	34.17	10.50
MS03N01P	STAGE (ft):	87.00	6.50	87.55	10.25
	VOLUME (af):	.03	6.50	.07	10.25
	RUNOFF (cfs):	.00	29.25	18.37	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.50	18.34	10.25
MS04N01P	STAGE (ft):	82.50	6.75	83.06	10.25
	VOLUME (af):	.02	6.75	.05	10.25
	RUNOFF (cfs):	.00	59.75	.73	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.50	18.34	10.25
	OUTFLOW (cfs):	.00	6.75	18.97	10.25
MS05N01P	STAGE (ft):	75.50	6.83	76.07	10.25
	VOLUME (af):	.03	6.83	.06	10.25
	RUNOFF (cfs):	.00	59.75	.62	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.75	18.97	10.25
	OUTFLOW (cfs):	.00	6.83	19.48	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
MS07N01P	STAGE (ft):	62.00	7.00	64.71	23.25
	VOLUME (af):	.00	6.92	2.49	23.25
	RUNOFF (cfs):	.00	59.75	7.59	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	18.42	.24	23.25
MS08N01P	STAGE (ft):	61.50	7.08	62.84	59.75
	VOLUME (af):	.00	6.92	1.21	59.75
	RUNOFF (cfs):	.00	59.75	3.31	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-S	STAGE (ft):	62.29	7.25	63.59	20.67
	VOLUME (af):	26.39	7.25	58.96	20.58
	RUNOFF (cfs):	.00	59.75	37.22	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.17	53.45	10.33
	OUTFLOW (cfs):	.53	7.33	7.39	21.00
PA02N01P	STAGE (ft):	143.00	7.83	145.14	59.75
	VOLUME (af):	.00	7.67	4.88	59.75
	RUNOFF (cfs):	.00	28.25	12.22	10.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PA05N01P	STAGE (ft):	67.00	3.00	68.11	11.33
	VOLUME (af):	18.72	3.00	22.79	11.33
	RUNOFF (cfs):	.00	59.75	70.52	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	3.00	63.84	11.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
MN01N01D	STAGE (ft):	114.50	.00	115.51	20.50
	VOLUME (af):	.05	.00	.16	20.50
	RUNOFF (cfs):	.00	59.75	.25	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.50	8.08	4.54	.00
	OUTFLOW (cfs):	.61	7.67	3.04	.00
MN02N01P	STAGE (ft):	114.00	6.50	114.93	10.00
	VOLUME (af):	.00	6.42	.14	10.00
	RUNOFF (cfs):	.00	59.75	3.40	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.33	2.83	10.00
MN02N02D	STAGE (ft):	112.24	.00	113.32	10.25
	VOLUME (af):	.02	.00	.13	10.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.61	7.33	3.96	10.17
	OUTFLOW (cfs):	.00	.00	3.92	10.25
MN03N01P	STAGE (ft):	105.00	8.00	106.08	11.25
	VOLUME (af):	.00	7.92	.10	11.25
	RUNOFF (cfs):	.00	59.75	1.19	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.17	1.18	11.25
MN03N02D	STAGE (ft):	94.23	.00	95.48	10.75
	VOLUME (af):	.00	.00	.13	10.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	4.25	10.50
	OUTFLOW (cfs):	.00	.00	4.17	10.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN03N03D	STAGE (ft):	86.47	8.83	87.68	11.00
	VOLUME (af):	.00	1.50	.12	11.00
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	4.88	10.75
	OUTFLOW (cfs):	.00	8.83	4.83	11.00
MN07N01P	STAGE (ft):	68.20	8.00	70.03	11.50
	VOLUME (af):	.00	7.92	.54	11.50
	RUNOFF (cfs):	.00	59.75	5.78	11.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	5.76	11.50
MN08N01P	STAGE (ft):	67.00	7.83	68.55	59.75
	VOLUME (af):	.00	7.67	.27	59.75
	RUNOFF (cfs):	.00	59.75	.75	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MN09N01P	STAGE (ft):	62.00	8.00	65.00	25.75
	VOLUME (af):	.00	7.92	.91	25.75
	RUNOFF (cfs):	.00	27.25	2.17	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	24.75	.01	25.75
MN10N01P	STAGE (ft):	62.50	8.33	63.79	59.75
	VOLUME (af):	.00	8.17	.48	59.75
	RUNOFF (cfs):	.00	59.75	.94	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	7.75	64.29	19.33
	VOLUME (af):	.00	7.67	.30	19.33
	RUNOFF (cfs):	.00	59.75	.96	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	15.08	.08	19.33
MN12N01D	STAGE (ft):	116.11	59.75	119.00	.00
	VOLUME (af):	-.06	7.17	.02	.00
	RUNOFF (cfs):	.00	59.75	13.63	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	60.28	.00
MN13N01W	STAGE (ft):	101.50	.00	103.34	15.08
	VOLUME (af):	.00	.00	15.61	15.08
	RUNOFF (cfs):	.00	59.75	39.80	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	60.28	.00
	OUTFLOW (cfs):	.00	.00	18.69	15.08
MN14N01D	STAGE (ft):	69.87	2.00	72.51	11.50
	VOLUME (af):	.09	2.00	.35	11.50
	RUNOFF (cfs):	.00	59.75	21.90	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	18.48	15.08
	OUTFLOW (cfs):	.00	6.92	31.94	11.50
MN15N01D	STAGE (ft):	133.00	.00	134.72	10.42
	VOLUME (af):	.02	.00	.21	10.42
	RUNOFF (cfs):	.00	59.75	10.02	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.15	6.75	7.12	18.83
	OUTFLOW (cfs):	.00	.00	13.44	10.42

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	128.65	10.25
	VOLUME (af):	.12	.50	.34	10.25
	RUNOFF (cfs):	.00	59.75	3.88	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	13.44	10.42
	OUTFLOW (cfs):	.00	.75	16.40	10.25
MN17N01D	STAGE (ft):	119.40	.00	121.59	10.08
	VOLUME (af):	.04	.00	.29	10.08
	RUNOFF (cfs):	.00	59.75	3.60	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	16.40	10.25
	OUTFLOW (cfs):	.00	.00	18.94	10.08
MN18N01W	STAGE (ft):	61.50	.50	64.10	11.25
	VOLUME (af):	.21	.50	1.73	11.25
	RUNOFF (cfs):	.00	59.75	16.30	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	48.20	10.50
	OUTFLOW (cfs):	.00	.00	61.26	11.25
MN19N01P	STAGE (ft):	100.00	4.75	102.55	59.75
	VOLUME (af):	.00	4.50	3.42	59.75
	RUNOFF (cfs):	.00	59.75	9.98	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-N	STAGE (ft):	61.49	6.75	62.75	21.33
	VOLUME (af):	45.61	6.75	170.32	21.33
	RUNOFF (cfs):	.00	59.75	120.29	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.93	.50	138.95	11.42
	OUTFLOW (cfs):	2.17	.00	50.27	21.67

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	61.79	21.92
	VOLUME (af):	.01	.00	.38	21.92
	RUNOFF (cfs):	.00	59.75	1.56	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	50.27	21.67
	OUTFLOW (cfs):	-2.95	.00	50.40	21.92
LC01N01L	STAGE (ft):	81.60	8.08	82.23	59.75
	VOLUME (af):	6.31	8.00	8.94	59.75
	RUNOFF (cfs):	.00	59.75	3.54	12.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LC02N01P	STAGE (ft):	85.00	8.00	87.85	12.67
	VOLUME (af):	.00	7.92	.54	12.67
	RUNOFF (cfs):	.00	28.00	2.33	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	12.25	1.53	12.67
LC03N01P	STAGE (ft):	60.20	8.25	62.87	59.75
	VOLUME (af):	.00	8.17	1.28	59.75
	RUNOFF (cfs):	.00	31.50	2.11	11.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LC04N01P	STAGE (ft):	60.40	7.50	61.35	59.75
	VOLUME (af):	.00	7.42	1.76	59.75
	RUNOFF (cfs):	.00	59.75	4.58	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	7.75	65.38	59.75
	VOLUME (af):	.06	7.75	.45	26.50
	RUNOFF (cfs):	.00	59.75	4.83	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.03	26.25	3.59	11.25
LC05N02D	STAGE (ft):	64.25	8.83	65.38	59.75
	VOLUME (af):	.00	7.92	.12	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.03	26.25	3.59	11.25
	OUTFLOW (cfs):	-.14	23.58	3.58	11.33
LC05N03D	STAGE (ft):	63.30	9.25	65.38	59.75
	VOLUME (af):	.00	8.92	.23	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.14	23.58	3.58	11.33
	OUTFLOW (cfs):	-.61	24.75	3.38	11.25
LC06N01P	STAGE (ft):	63.00	7.83	65.38	59.75
	VOLUME (af):	.00	7.67	2.60	59.75
	RUNOFF (cfs):	.00	59.75	3.68	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.61	24.75	3.38	11.25
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LC07N01P	STAGE (ft):	67.00	7.83	68.92	59.75
	VOLUME (af):	.00	7.67	.44	59.75
	RUNOFF (cfs):	.00	59.75	1.26	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
CORONI-S	STAGE (ft):	59.30	.00	60.87	49.75
	VOLUME (af):	9.48	.00	27.99	49.75
	RUNOFF (cfs):	.00	59.75	8.21	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-2.95	.00	50.60	21.92
	OUTFLOW (cfs):	.00	.00	50.31	22.58
CORONI-N	STAGE (ft):	59.30	.25	60.87	49.75
	VOLUME (af):	38.65	.25	93.12	49.75
	RUNOFF (cfs):	.00	59.75	19.83	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	50.31	22.58
	OUTFLOW (cfs):	1.43	.25	24.56	50.00
LP01N01W	STAGE (ft):	121.30	24.75	122.64	10.00
	VOLUME (af):	.58	24.75	1.61	10.00
	RUNOFF (cfs):	.00	29.50	38.36	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	38.75	10.25
LP02N01D	STAGE (ft):	111.30	.00	114.32	10.33
	VOLUME (af):	.06	.00	.65	10.33
	RUNOFF (cfs):	.00	30.75	18.46	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.17	59.75	43.60	10.33
	OUTFLOW (cfs):	.04	.25	61.89	10.33
LP03N01P	STAGE (ft):	126.02	59.75	127.26	12.42
	VOLUME (af):	.06	59.75	3.99	12.42
	RUNOFF (cfs):	.00	29.00	15.96	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.17	59.75	6.42	12.50

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	4.25	118.28	9.58
	VOLUME (af):	.09	4.25	.43	9.58
	RUNOFF (cfs):	.00	59.75	38.16	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.67	38.03	9.58
LP05N01P	STAGE (ft):	97.50	3.50	98.54	11.50
	VOLUME (af):	6.08	3.50	10.68	11.50
	RUNOFF (cfs):	.00	27.25	11.85	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-7.05	8.83	6.52	14.75
LP06N01P	STAGE (ft):	97.50	3.50	98.48	9.67
	VOLUME (af):	4.90	3.50	8.31	9.67
	RUNOFF (cfs):	.00	59.75	48.99	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-7.05	8.83	6.52	14.75
	OUTFLOW (cfs):	.00	3.50	32.56	9.67
LP07N01W	STAGE (ft):	92.70	.00	95.62	10.25
	VOLUME (af):	.00	.00	.29	10.25
	RUNOFF (cfs):	.00	59.75	24.55	11.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	130.26	10.08
	OUTFLOW (cfs):	.00	4.00	150.39	10.25
LP08N01W	STAGE (ft):	99.80	5.25	101.64	10.42
	VOLUME (af):	.08	5.25	.27	10.42
	RUNOFF (cfs):	.00	59.75	12.38	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.21	15.08
	OUTFLOW (cfs):	.00	6.33	12.23	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	7.42	101.49	10.50
	VOLUME (af):	.02	6.42	.23	10.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.33	12.23	10.25
	OUTFLOW (cfs):	.00	7.42	12.18	10.50
LP09N01P	STAGE (ft):	95.20	5.00	98.46	13.00
	VOLUME (af):	7.10	5.00	10.10	13.00
	RUNOFF (cfs):	.00	59.75	11.41	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	11.75	2.90	13.00
LP10N01D	STAGE (ft):	95.80	6.33	97.38	10.50
	VOLUME (af):	.00	6.33	.19	10.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.42	12.18	10.50
	OUTFLOW (cfs):	.00	6.33	12.17	10.50
LP10N02D	STAGE (ft):	90.20	.75	93.08	10.25
	VOLUME (af):	.00	.75	.29	10.25
	RUNOFF (cfs):	.00	34.00	5.72	10.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.00	162.40	10.25
	OUTFLOW (cfs):	.00	.75	167.86	10.25
LP10N03P	STAGE (ft):	86.80	.75	92.34	10.67
	VOLUME (af):	.05	.75	1.64	10.67
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	167.86	10.25
	OUTFLOW (cfs):	.00	6.42	163.41	10.67

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	79.69	59.75
	VOLUME (af):	.00	7.42	.96	59.75
	RUNOFF (cfs):	.00	59.75	2.70	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	59.56	50.00
	VOLUME (af):	.09	.00	.30	50.00
	RUNOFF (cfs):	.00	59.75	4.33	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.25	24.56	50.00
	OUTFLOW (cfs):	.00	.00	24.56	50.00
LP14N01P	STAGE (ft):	60.00	8.00	64.12	17.67
	VOLUME (af):	.00	7.92	.91	17.58
	RUNOFF (cfs):	.00	59.75	2.75	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	16.00	.35	17.67
LP14N02P	STAGE (ft):	60.00	16.00	60.56	59.75
	VOLUME (af):	.00	16.00	.18	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	16.00	.35	17.67
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PREVATT	STAGE (ft):	57.09	6.58	58.23	59.75
	VOLUME (af):	294.13	6.58	425.99	59.75
	RUNOFF (cfs):	.00	36.75	55.51	11.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	169.97	10.67
	OUTFLOW (cfs):	4.15	6.58	22.58	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	48.22	59.75
	VOLUME (af):	.00	.00	7.44	59.75
	RUNOFF (cfs):	.00	38.75	4.40	14.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.15	6.58	22.58	59.75
	OUTFLOW (cfs):	.00	14.00	22.57	59.75
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	14.00	79.58	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	14.00	22.57	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	10.32	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	6.85	11.33
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			INFLOW			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	148.04	6.32	29.23	.00	.00	13.32
DL02N01W	146.37	10.28	17.51	.00	6.47	.00
DL03N01P	144.63	5.84	15.93	.00	.00	.23
DL03N02D	139.10	.03	.00	.00	.23	4.76
DREAM	115.54	31.51	31.37	.00	4.76	4.54
BP01N01P	140.59	3.67	17.80	.00	.00	5.21
BP02N01P	144.44	1.92	8.59	.00	.00	2.53
BP03N01P	145.74	2.82	11.62	.00	.00	2.82
BP04N01P	140.46	2.92	18.48	.00	5.21	11.19
BUCHAN	138.42	52.40	21.98	.00	16.04	7.12
MS01N01W	85.30	1.20	30.63	.00	.00	29.75
MS02N01P	82.01	1.18	6.77	.00	29.75	34.17
MS03N01P	87.55	.07	18.37	.00	.00	18.34
MS04N01P	83.06	.05	.73	.00	18.34	18.97
MS05N01P	76.07	.06	.62	.00	18.97	19.48
MS07N01P	64.71	2.49	7.59	.00	.00	.24
MS08N01P	62.84	1.21	3.31	.00	.00	.00
MCCOY-S	63.59	58.96	37.22	.00	53.45	7.39
PA02N01P	145.14	4.88	12.22	.00	.00	.00
PA05N01P	68.11	22.79	70.52	.00	.00	63.84
MN01N01D	115.51	.16	.25	.00	4.54	3.04
MN02N01P	114.93	.14	3.40	.00	.00	2.83
MN02N02D	113.32	.13	.00	.00	3.96	3.92
MN03N01P	106.08	.10	1.19	.00	.00	1.18
MN03N02D	95.48	.13	.00	.00	4.25	4.17
MN03N03D	87.68	.12	.00	.00	4.88	4.83
MN07N01P	70.03	.54	5.78	.00	.00	5.76
MN08N01P	68.55	.27	.75	.00	.00	.00
MN09N01P	65.00	.91	2.17	.00	.00	.01
MN10N01P	63.79	.48	.94	.00	.00	.00
MN11N01P	64.29	.30	.96	.00	.00	.08
MN12N01D	119.00	.02	13.63	.00	.00	60.28
MN13N01W	103.34	15.61	39.80	.00	60.28	18.69
MN14N01D	72.51	.35	21.90	.00	18.48	31.94
MN15N01D	134.72	.21	10.02	.00	7.12	13.44
MN16N01D	128.65	.34	3.88	.00	13.44	16.40
MN17N01D	121.59	.29	3.60	.00	16.40	18.94
MN18N01W	64.10	1.73	16.30	.00	48.20	61.26
MN19N01P	102.55	3.42	9.98	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			INFLOW			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MCCOY-N	62.75	170.32	120.29	.00	138.95	50.27
MN21N01L	61.79	.38	1.56	.00	50.27	50.40
LC01N01L	82.23	8.94	3.54	.00	.00	.00
LC02N01P	87.85	.54	2.33	.00	.00	1.53
LC03N01P	62.87	1.28	2.11	.00	.00	.00
LC04N01P	61.35	1.76	4.58	.00	.00	.00
LC05N01P	65.38	.45	4.83	.00	.00	3.59
LC05N02D	65.38	.12	.00	.00	3.59	3.58
LC05N03D	65.38	.23	.00	.00	3.58	3.38
LC06N01P	65.38	2.60	3.68	.00	3.38	.00
LC07N01P	68.92	.44	1.26	.00	.00	.00
CORONI-S	60.87	27.99	8.21	.00	50.60	50.31
CORONI-N	60.87	93.12	19.83	.00	50.31	24.56
LP01N01W	122.64	1.61	38.36	.00	.00	38.75
LP02N01D	114.32	.65	18.46	.00	43.60	61.89
LP03N01P	127.26	3.99	15.96	.00	.00	6.42
LP04N01D	118.28	.43	38.16	.00	.00	38.03
LP05N01P	98.54	10.68	11.85	.00	.00	6.52
LP06N01P	98.48	8.31	48.99	.00	6.52	32.56
LP07N01W	95.62	.29	24.55	.00	130.26	150.39
LP08N01W	101.64	.27	12.38	.00	.21	12.23
LP08N02D	101.49	.23	.00	.00	12.23	12.18
LP09N01P	98.46	10.10	11.41	.00	.00	2.90
LP10N01D	97.38	.19	.00	.00	12.18	12.17
LP10N02D	93.08	.29	5.72	.00	162.40	167.86
LP10N03P	92.34	1.64	.00	.00	167.86	163.41
LP11N01L	79.69	.96	2.70	.00	.00	.00
LP13N01W	59.56	.30	4.33	.00	24.56	24.56
LP14N01P	64.12	.91	2.75	.00	.00	.35
LP14N02P	60.56	.18	.00	.00	.35	.00
PREVATT	58.23	425.99	55.51	.00	169.97	22.58
CARPENTR	48.22	7.44	4.40	.00	22.58	22.57
TW	48.10	79.58	.00	.00	22.57	.00
DW	100.00	10.32	.00	.00	6.85	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	11.33	6.47	DL01N01P	148.04	DL02N01W	145.67
MS03R03S	.00	.00	MS03N01P	87.00	MS04N01P	82.50
MS04R02S	.00	.00	MS04N01P	82.50	MS05N01P	75.50
MS05R02S	.00	.00	MS05N01P	75.50	MCCOY-S	62.30
DL02R01O	.00	.00	DL02N01W	143.98	DL03N01P	142.70
MS07R01S	23.25	.24	MS07N01P	64.71	MCCOY-S	63.58
MS08R01S	.00	.00	MS08N01P	61.50	MCCOY-S	62.30
MN03R03S	11.25	.73	MN03N01P	106.08	MN03N03D	87.67
LP06R01S	9.67	32.56	LP06N01P	98.48	LP07N01W	95.60
DL05R02R	.00	.00	DREAM	115.00	MCCOY-N	61.50
MN09R02R	.00	.00	MN09N01P	62.00	MCCOY-N	61.50
MN21R02R	.00	.00	MN21N01L	59.00	CORONI-S	59.30
LP07R02R	10.25	112.87	LP07N01W	95.62	LP10N02D	93.08
MN03R01S	11.25	.45	MN03N01P	106.08	MN03N02D	95.46
MN13R02O	.00	.00	MN13N01W	101.50	LP08N01W	99.80
LP10R04R	.00	.00	LP10N03P	86.80	PREVATT	57.10
LP08R02R	.00	.00	LP08N01W	99.80	LP13N01W	57.76
LP14R01S	17.58	.35	LP14N01P	64.12	LP14N02P	60.11
DL03R02C	23.00	4.76	DL03N02D	139.10	DREAM	115.54
DL05R01C	.00	4.54	DREAM	115.00	MN01N01D	114.50
MN01R01C	.00	3.04	MN01N01D	114.50	MN02N02D	112.24
MN02R02C	10.25	3.92	MN02N02D	113.32	MN03N02D	95.43
MN03R02C	10.75	4.17	MN03N02D	95.48	MN03N03D	87.66
MN03R04C	11.00	4.83	MN03N03D	87.68	MCCOY-N	61.94
MS01R01C	10.33	29.75	MS01N01W	85.30	MS02N01P	82.00
MS09R01C	20.75	7.39	MCCOY-S	63.59	MCCOY-N	62.75
MN13R01C	15.00	.21	MN13N01W	103.34	LP08N01W	100.63
MN15R01C	10.42	13.44	MN15N01D	134.72	MN16N01D	128.64
MN16R01C	10.25	16.40	MN16N01D	128.65	MN17N01D	121.58
MN17R01C	10.08	18.94	MN17N01D	121.59	MN18N01W	63.97
MN18R01C	11.25	61.26	MN18N01W	64.10	MCCOY-N	61.99
MN12R01C	.00	60.28	MN12N01D	119.00	MN13N01W	101.50
MN14R01C	11.50	31.94	MN14N01D	72.51	MN18N01W	64.10
MN21R01C	21.83	50.40	MN21N01L	61.79	CORONI-S	60.38
LC08R01C	26.25	42.65	CORONI-S	60.40	CORONI-N	60.36
LC08R02C	21.17	11.12	CORONI-S	60.35	CORONI-N	59.90
LC05R01C	11.25	3.59	LC05N01P	65.30	LC05N02D	65.17
LC05R02C	11.33	3.58	LC05N02D	65.17	LC05N03D	64.16
LC05R03C	11.25	3.38	LC05N03D	64.15	LC06N01P	63.92
LP02R01C	10.33	28.32	LP02N01D	114.32	LP07N01W	95.62

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R02C	10.33	33.57	LP02N01D	114.32	LP07N01W	95.62
LP03R01C	12.50	6.42	LP03N01P	127.26	LP02N01D	113.70
LP04R01C	9.58	38.03	LP04N01D	118.28	LP07N01W	95.60
LP05R01C	14.75	6.52	LP05N01P	98.36	LP06N01P	98.07
LP08R01C	10.25	12.23	LP08N01W	101.63	LP08N02D	101.47
LP08R03C	10.50	12.18	LP08N02D	101.49	LP10N01D	97.38
LP07R01C	10.25	37.52	LP07N01W	95.62	LP10N02D	93.08
LP10R03C	10.67	163.41	LP10N03P	92.34	PREVATT	57.38
LC09R01C	49.75	24.56	CORONI-N	60.87	LP13N01W	59.56
LP13R01C	49.75	12.38	LP13N01W	59.56	PREVATT	58.21
LP13R02C	49.75	12.18	LP13N01W	59.56	PREVATT	58.21
CB01R01C	59.75	22.57	CARPENTR	48.22	TW	48.10
DL03R01S	24.33	.23	DL03N01P	144.63	DL03N02D	139.10
MS02R01S	10.50	34.17	MS02N01P	82.01	MCCOY-S	62.79
MS03R01S	10.25	18.34	MS03N01P	87.55	MS04N01P	83.06
MS04R01S	10.25	18.97	MS04N01P	83.06	MS05N01P	76.07
MS05R01S	10.25	19.48	MS05N01P	76.07	MCCOY-S	62.71
PA05R01S	11.33	63.84	PA05N01P	68.11	MCCOY-N	62.01
BP01R01S	13.17	5.21	BP01N01P	140.59	BUCHAN	138.23
BP02R01S	11.75	2.53	BP02N01P	144.44	BP04N01P	140.46
BP03R01S	13.08	2.82	BP03N01P	145.74	BP04N01P	140.42
BP04R01S	11.33	11.19	BP04N01P	140.46	BUCHAN	138.03
BP05R01S	18.75	7.12	BUCHAN	138.42	MN15N01D	134.31
MN02R01S	10.00	2.83	MN02N01P	114.93	MN02N02D	113.30
MN09R01S	25.50	.01	MN09N01P	65.00	MCCOY-N	62.72
MN10R01S	.00	.00	MN10N01P	62.50	MCCOY-N	61.50
MN11R01S	19.33	.08	MN11N01P	64.29	MCCOY-N	62.73
LC01R01S	.00	.00	LC01N01L	81.60	CORONI-S	59.30
LC03R01S	.00	.00	LC03N01P	60.20	CORONI-N	59.30
LC04R01S	.00	.00	LC04N01P	60.40	CORONI-N	59.30
LC06R01S	.00	.00	LC06N01P	63.00	CORONI-N	59.30
LP09R01S	13.00	2.90	LP09N01P	98.46	LP10N01D	97.32
LP14R02S	.00	.00	LP14N02P	60.00	PREVATT	57.10
LP01R01X	10.25	38.75	LP01N01W	122.63	LP02N01D	114.32
MN20R01X	21.67	50.27	MCCOY-N	62.75	MN21N01L	61.79
DL01R02A	11.33	6.85	DL01N01P	148.04	DW	100.00
PA02R01A	.00	.00	PA02N01P	143.00	PA05N01P	67.00
MN07R01A	11.50	5.76	MN07N01P	70.03	MCCOY-N	62.04
MN08R01A	.00	.00	MN08N01P	67.00	MCCOY-N	61.50
LC02R01A	12.67	1.53	LC02N01P	87.85	CORONI-S	59.66

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS - MEAN ANNUAL STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LC07R01A	.00	.00	LC07N01P	67.00	CORONI-N	59.30
MN13R01A	15.08	18.48	MN13N01W	103.34	MN14N01D	72.29
MN19R01A	.00	.00	MN19N01P	100.00	MCCOY-N	61.50
LP10R01A	10.50	12.17	LP10N01D	97.38	LP10N02D	93.06
LP10R02A	10.25	167.86	LP10N02D	93.08	LP10N03P	92.20
LP16R01A	59.75	22.58	PREVATT	58.23	CARPENTR	48.22

10-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
DL01N01P	STAGE (ft):	144.00	59.75	148.29	9.58
	VOLUME (af):	-3.05	59.75	6.97	9.58
	RUNOFF (cfs):	.00	27.00	54.19	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	2.22	35.75	51.13	9.58
DL02N01W	STAGE (ft):	143.98	4.25	148.03	15.50
	VOLUME (af):	1.64	4.00	23.57	15.50
	RUNOFF (cfs):	.00	59.75	35.82	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-3.43	18.33	43.99	9.58
	OUTFLOW (cfs):	.00	59.75	2.41	15.50
DL03N01P	STAGE (ft):	142.70	5.67	145.63	15.33
	VOLUME (af):	.00	5.42	10.91	15.25
	RUNOFF (cfs):	.00	59.75	40.08	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	2.41	15.50
	OUTFLOW (cfs):	.00	9.50	6.11	15.33
DL03N02D	STAGE (ft):	139.10	10.25	140.36	15.42
	VOLUME (af):	.03	9.58	.17	15.42
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.50	6.11	15.33
	OUTFLOW (cfs):	.00	10.25	6.11	15.42
DREAM	STAGE (ft):	114.98	6.67	116.71	23.17
	VOLUME (af):	21.26	6.67	54.18	23.17
	RUNOFF (cfs):	.00	59.75	87.70	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.25	6.11	15.42
	OUTFLOW (cfs):	.50	7.25	8.13	23.50

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	5.25	141.65	10.92
	VOLUME (af):	.00	5.00	6.67	10.92
	RUNOFF (cfs):	.00	59.75	42.23	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.08	19.95	10.92
BP02N01P	STAGE (ft):	143.00	4.25	144.81	10.08
	VOLUME (af):	.00	4.25	2.55	10.08
	RUNOFF (cfs):	.00	59.75	17.69	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.50	12.69	10.08
BP03N01P	STAGE (ft):	143.50	4.00	146.21	10.25
	VOLUME (af):	.00	4.00	3.77	10.25
	RUNOFF (cfs):	.00	59.75	22.56	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.50	14.29	10.25
BP04N01P	STAGE (ft):	139.00	4.00	141.58	10.33
	VOLUME (af):	.03	3.75	5.39	10.33
	RUNOFF (cfs):	.00	59.75	35.37	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.50	26.92	10.17
	OUTFLOW (cfs):	.00	7.42	45.76	10.33
BUCHAN	STAGE (ft):	137.64	5.75	139.60	16.92
	VOLUME (af):	38.57	5.75	75.34	16.92
	RUNOFF (cfs):	.00	30.25	42.89	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.42	65.37	10.42
	OUTFLOW (cfs):	2.21	5.75	17.80	16.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MS01N01W	STAGE (ft):	82.30	5.50	92.23	10.92
	VOLUME (af):	.00	5.25	4.80	10.92
	RUNOFF (cfs):	.00	59.75	73.99	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.42	56.53	11.00
MS02N01P	STAGE (ft):	80.00	5.00	83.28	10.58
	VOLUME (af):	.00	4.75	2.22	10.58
	RUNOFF (cfs):	.00	26.00	15.63	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.42	56.53	11.00
	OUTFLOW (cfs):	.00	5.00	65.04	10.58
MS03N01P	STAGE (ft):	87.00	5.75	90.50	10.42
	VOLUME (af):	.03	5.67	.48	10.42
	RUNOFF (cfs):	.00	29.25	45.90	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.75	44.14	10.33
MS04N01P	STAGE (ft):	82.50	5.75	86.23	10.92
	VOLUME (af):	.02	5.75	.92	10.92
	RUNOFF (cfs):	.00	59.75	2.27	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.75	44.14	10.33
	OUTFLOW (cfs):	.00	5.75	42.92	10.58
MS05N01P	STAGE (ft):	75.50	5.92	78.43	11.42
	VOLUME (af):	.03	5.83	.44	11.42
	RUNOFF (cfs):	.00	59.75	1.90	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.75	42.92	10.58
	OUTFLOW (cfs):	.00	5.92	42.43	10.42

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MS07N01P	STAGE (ft):	62.00	6.00	65.80	11.08
	VOLUME (af):	.00	5.92	3.50	11.08
	RUNOFF (cfs):	.00	59.75	20.64	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.17	9.27	11.08
MS08N01P	STAGE (ft):	61.50	6.17	65.40	18.83
	VOLUME (af):	.00	5.92	3.53	18.83
	RUNOFF (cfs):	.00	59.75	9.32	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-1.77	14.50	.62	18.83
MCCOY-S	STAGE (ft):	62.29	6.33	65.39	18.67
	VOLUME (af):	26.43	6.33	111.45	18.67
	RUNOFF (cfs):	.00	59.75	105.69	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.00	116.51	10.67
	OUTFLOW (cfs):	.54	6.33	22.81	16.25
PA02N01P	STAGE (ft):	143.00	6.83	148.24	59.75
	VOLUME (af):	.00	6.67	13.59	59.75
	RUNOFF (cfs):	.00	59.75	33.73	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PA05N01P	STAGE (ft):	67.00	2.50	73.02	13.50
	VOLUME (af):	18.72	2.50	40.79	13.50
	RUNOFF (cfs):	.00	32.25	172.33	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	2.50	104.97	11.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN01N01D	STAGE (ft):	114.50	.00	116.43	23.00
	VOLUME (af):	.05	.00	.25	23.00
	RUNOFF (cfs):	.00	59.75	.61	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.50	7.25	8.13	23.50
	OUTFLOW (cfs):	.62	6.67	8.15	23.08
MN02N01P	STAGE (ft):	114.00	5.50	115.55	9.33
	VOLUME (af):	.00	5.42	.35	9.33
	RUNOFF (cfs):	.00	59.75	8.36	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.33	7.04	9.33
MN02N02D	STAGE (ft):	112.24	.00	114.04	10.25
	VOLUME (af):	.02	.00	.21	10.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.62	6.33	9.86	10.17
	OUTFLOW (cfs):	.00	.00	9.80	10.25
MN03N01P	STAGE (ft):	105.00	7.00	106.27	10.33
	VOLUME (af):	.00	6.92	.13	10.33
	RUNOFF (cfs):	.00	29.00	5.15	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.67	5.11	10.33
MN03N02D	STAGE (ft):	94.23	.00	96.77	10.58
	VOLUME (af):	.00	.00	.26	10.58
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	11.51	10.25
	OUTFLOW (cfs):	.00	.00	11.28	10.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN03N03D	STAGE (ft):	86.47	7.75	88.78	10.58
	VOLUME (af):	.00	1.50	.23	10.58
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	14.62	10.42
	OUTFLOW (cfs):	.00	7.75	14.57	10.58
MN07N01P	STAGE (ft):	68.20	7.00	70.12	10.75
	VOLUME (af):	.00	6.92	.69	10.75
	RUNOFF (cfs):	.00	59.75	24.14	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	24.06	10.75
MN08N01P	STAGE (ft):	67.00	6.75	72.00	20.00
	VOLUME (af):	.00	6.67	.88	20.00
	RUNOFF (cfs):	.00	59.75	2.52	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.17	20.00
MN09N01P	STAGE (ft):	62.00	7.00	65.76	11.25
	VOLUME (af):	.00	6.92	1.14	11.25
	RUNOFF (cfs):	.00	59.75	8.71	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.83	6.20	11.25
MN10N01P	STAGE (ft):	62.50	7.25	64.96	13.17
	VOLUME (af):	.00	7.17	1.03	13.17
	RUNOFF (cfs):	.00	59.75	4.74	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.83	2.53	13.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	6.75	65.01	10.67
	VOLUME (af):	.00	6.67	.45	10.67
	RUNOFF (cfs):	.00	59.75	3.22	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.25	2.02	10.67
MN12N01D	STAGE (ft):	116.11	59.75	119.00	.00
	VOLUME (af):	-.06	6.17	.02	.00
	RUNOFF (cfs):	.00	59.75	39.68	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	60.28	.00
MN13N01W	STAGE (ft):	101.50	.00	104.32	14.17
	VOLUME (af):	.00	.00	31.02	14.17
	RUNOFF (cfs):	.00	59.75	78.85	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	60.28	.00
	OUTFLOW (cfs):	.00	.00	52.14	14.17
MN14N01D	STAGE (ft):	69.87	2.00	74.31	11.50
	VOLUME (af):	.09	2.00	.54	11.50
	RUNOFF (cfs):	.00	59.75	48.82	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	48.45	14.17
	OUTFLOW (cfs):	.00	6.00	77.31	11.50
MN15N01D	STAGE (ft):	133.00	.00	135.76	10.33
	VOLUME (af):	.02	.00	.32	10.33
	RUNOFF (cfs):	.00	59.75	24.60	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.21	5.75	17.80	16.92
	OUTFLOW (cfs):	.00	.00	31.49	10.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	129.77	10.17
	VOLUME (af):	.12	.50	.46	10.17
	RUNOFF (cfs):	.00	59.75	7.97	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	31.49	10.33
	OUTFLOW (cfs):	.00	.75	37.35	10.17
MN17N01D	STAGE (ft):	119.40	.00	122.99	10.08
	VOLUME (af):	.04	.00	.45	10.08
	RUNOFF (cfs):	.00	59.75	7.09	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	37.35	10.17
	OUTFLOW (cfs):	.00	.00	42.40	10.08
MN18N01W	STAGE (ft):	61.50	.50	65.54	10.42
	VOLUME (af):	.21	.50	5.38	10.42
	RUNOFF (cfs):	.00	59.75	42.32	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	113.79	10.58
	OUTFLOW (cfs):	.00	.00	153.76	10.42
MN19N01P	STAGE (ft):	100.00	4.00	105.03	59.75
	VOLUME (af):	.00	3.75	6.74	59.75
	RUNOFF (cfs):	.00	59.75	19.11	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-N	STAGE (ft):	61.49	5.67	63.82	18.75
	VOLUME (af):	45.76	5.67	296.66	18.75
	RUNOFF (cfs):	.00	59.75	284.07	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.93	.50	308.81	11.33
	OUTFLOW (cfs):	2.17	.00	179.16	18.67

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	63.37	19.17
	VOLUME (af):	.01	.00	2.63	19.17
	RUNOFF (cfs):	.00	59.75	5.84	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	179.16	18.67
	OUTFLOW (cfs):	-2.95	.00	179.51	18.75
LC01N01L	STAGE (ft):	81.60	7.00	83.45	23.33
	VOLUME (af):	6.31	7.00	14.37	23.33
	RUNOFF (cfs):	.00	37.25	13.02	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	18.25	1.66	23.33
LC02N01P	STAGE (ft):	85.00	7.00	88.08	10.25
	VOLUME (af):	.00	6.92	.58	10.25
	RUNOFF (cfs):	.00	59.75	9.25	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.33	9.22	10.25
LC03N01P	STAGE (ft):	60.20	7.25	63.44	11.58
	VOLUME (af):	.00	6.92	1.56	11.58
	RUNOFF (cfs):	.00	59.75	9.76	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.75	8.81	11.58
LC04N01P	STAGE (ft):	60.40	6.50	62.89	32.75
	VOLUME (af):	.00	6.42	4.60	32.75
	RUNOFF (cfs):	.00	59.75	13.93	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-1.33	27.25	5.01	39.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	6.75	67.06	13.17
	VOLUME (af):	.06	6.67	1.58	13.17
	RUNOFF (cfs):	.00	59.75	16.20	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.46	57.00	11.96	10.17
LC05N02D	STAGE (ft):	64.25	7.67	66.95	13.25
	VOLUME (af):	.00	6.92	.29	13.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.46	57.00	11.96	10.17
	OUTFLOW (cfs):	-.56	35.25	11.43	10.08
LC05N03D	STAGE (ft):	63.30	8.08	66.84	13.25
	VOLUME (af):	.00	7.58	.39	13.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.56	35.25	11.43	10.08
	OUTFLOW (cfs):	-1.12	59.00	9.60	10.08
LC06N01P	STAGE (ft):	63.00	6.75	66.81	13.25
	VOLUME (af):	.00	6.67	4.42	13.25
	RUNOFF (cfs):	.00	59.75	12.83	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-1.12	59.00	9.60	10.08
	OUTFLOW (cfs):	.00	10.50	10.94	13.25
LC07N01P	STAGE (ft):	67.00	6.75	71.56	59.75
	VOLUME (af):	.00	6.67	1.51	59.75
	RUNOFF (cfs):	.00	59.75	4.20	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
CORONI-S	STAGE (ft):	59.30	.00	62.89	32.50
	VOLUME (af):	9.48	.00	63.72	32.50
	RUNOFF (cfs):	.00	59.75	28.51	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-2.95	.00	180.56	18.75
	OUTFLOW (cfs):	.00	.00	139.46	19.25
CORONI-N	STAGE (ft):	59.30	.25	62.89	32.50
	VOLUME (af):	38.65	.25	174.96	32.50
	RUNOFF (cfs):	.00	59.75	57.73	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	145.60	19.00
	OUTFLOW (cfs):	1.43	.25	84.48	32.50
LP01N01W	STAGE (ft):	121.30	4.75	123.08	9.00
	VOLUME (af):	.58	4.75	1.94	9.00
	RUNOFF (cfs):	.00	29.50	83.33	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	88.74	9.50
LP02N01D	STAGE (ft):	111.30	.00	117.08	9.75
	VOLUME (af):	.06	.00	1.18	9.75
	RUNOFF (cfs):	.00	30.75	38.57	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.20	59.75	96.29	9.58
	OUTFLOW (cfs):	.04	.25	133.55	9.75
LP03N01P	STAGE (ft):	126.04	59.75	128.04	12.17
	VOLUME (af):	.11	59.75	6.73	12.17
	RUNOFF (cfs):	.00	59.75	28.74	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.20	59.75	12.53	12.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	3.50	120.04	9.50
	VOLUME (af):	.09	3.50	.61	9.50
	RUNOFF (cfs):	.00	59.75	72.44	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	4.25	72.43	9.50
LP05N01P	STAGE (ft):	97.50	3.00	99.29	11.58
	VOLUME (af):	6.08	3.00	14.17	11.58
	RUNOFF (cfs):	.00	59.75	23.64	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-8.38	8.50	10.63	14.67
LP06N01P	STAGE (ft):	97.50	2.75	99.05	9.25
	VOLUME (af):	4.90	2.75	10.41	9.25
	RUNOFF (cfs):	.00	59.75	87.55	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-8.38	8.50	10.63	14.67
	OUTFLOW (cfs):	.00	2.75	68.32	9.25
LP07N01W	STAGE (ft):	92.70	.00	95.97	10.00
	VOLUME (af):	.00	.00	.36	10.00
	RUNOFF (cfs):	.00	59.75	49.27	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	271.61	9.58
	OUTFLOW (cfs):	.00	1.50	307.92	10.00
LP08N01W	STAGE (ft):	99.80	4.25	102.67	10.25
	VOLUME (af):	.08	4.25	.37	10.25
	RUNOFF (cfs):	.00	31.25	25.51	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	3.68	14.17
	OUTFLOW (cfs):	.00	5.17	25.86	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		|<-- MINIMUMS -->		|<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	6.50	102.30	10.25
	VOLUME (af):	.02	5.25	.32	10.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.17	20.13	10.25
	OUTFLOW (cfs):	.00	6.50	20.13	10.33
LP09N01P	STAGE (ft):	95.20	4.00	98.95	10.08
	VOLUME (af):	7.10	4.00	10.55	10.08
	RUNOFF (cfs):	.00	59.75	22.46	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.92	15.73	10.08
LP10N01D	STAGE (ft):	95.80	5.17	98.15	10.17
	VOLUME (af):	.00	5.17	.28	10.17
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.50	35.84	10.08
	OUTFLOW (cfs):	.00	5.17	35.84	10.17
LP10N02D	STAGE (ft):	90.20	.75	93.99	10.00
	VOLUME (af):	.00	.75	.38	10.00
	RUNOFF (cfs):	.00	34.00	14.16	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	1.50	343.71	10.00
	OUTFLOW (cfs):	.00	.75	357.22	10.00
LP10N03P	STAGE (ft):	86.80	.75	93.23	10.08
	VOLUME (af):	.05	.75	2.46	10.08
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	357.22	10.00
	OUTFLOW (cfs):	.00	5.25	357.24	10.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	81.09	59.75
	VOLUME (af):	.00	6.42	2.98	59.75
	RUNOFF (cfs):	.00	59.75	8.51	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	61.50	33.25
	VOLUME (af):	.09	.00	1.98	33.25
	RUNOFF (cfs):	.00	59.75	13.69	10.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.25	84.48	32.50
	OUTFLOW (cfs):	.00	.00	84.43	33.25
LP14N01P	STAGE (ft):	60.00	7.00	64.35	10.08
	VOLUME (af):	.00	6.67	.98	10.08
	RUNOFF (cfs):	.00	59.75	9.94	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.50	9.86	10.08
LP14N02P	STAGE (ft):	60.00	9.50	62.80	12.00
	VOLUME (af):	.00	9.50	1.05	12.00
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.50	9.86	10.08
	OUTFLOW (cfs):	.00	10.25	4.56	12.00
PREVATT	STAGE (ft):	57.09	5.42	59.35	24.75
	VOLUME (af):	294.30	5.42	571.16	24.75
	RUNOFF (cfs):	.00	59.75	186.54	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	379.52	10.08
	OUTFLOW (cfs):	4.16	5.42	110.08	24.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	49.61	21.17
	VOLUME (af):	.00	.00	10.99	21.17
	RUNOFF (cfs):	.00	59.75	30.90	12.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.16	5.42	110.08	24.75
	OUTFLOW (cfs):	.00	10.92	117.71	21.25
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	10.92	390.96	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.92	117.71	21.25
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	20.33	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.59	59.75	7.14	9.58
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			INFLOW			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	148.29	6.97	54.19	.00	.00	51.13
DL02N01W	148.03	23.57	35.82	.00	43.99	2.41
DL03N01P	145.63	10.91	40.08	.00	2.41	6.11
DL03N02D	140.36	.17	.00	.00	6.11	6.11
DREAM	116.71	54.18	87.70	.00	6.11	8.13
BP01N01P	141.65	6.67	42.23	.00	.00	19.95
BP02N01P	144.81	2.55	17.69	.00	.00	12.69
BP03N01P	146.21	3.77	22.56	.00	.00	14.29
BP04N01P	141.58	5.39	35.37	.00	26.92	45.76
BUCHAN	139.60	75.34	42.89	.00	65.37	17.80
MS01N01W	92.23	4.80	73.99	.00	.00	56.53
MS02N01P	83.28	2.22	15.63	.00	56.53	65.04
MS03N01P	90.50	.48	45.90	.00	.00	44.14
MS04N01P	86.23	.92	2.27	.00	44.14	42.92
MS05N01P	78.43	.44	1.90	.00	42.92	42.43
MS07N01P	65.80	3.50	20.64	.00	.00	9.27
MS08N01P	65.40	3.53	9.32	.00	.00	.62
MCCOY-S	65.39	111.45	105.69	.00	116.51	22.81
PA02N01P	148.24	13.59	33.73	.00	.00	.00
PA05N01P	73.02	40.79	172.33	.00	.00	104.97
MN01N01D	116.43	.25	.61	.00	8.13	8.15
MN02N01P	115.55	.35	8.36	.00	.00	7.04
MN02N02D	114.04	.21	.00	.00	9.86	9.80
MN03N01P	106.27	.13	5.15	.00	.00	5.11
MN03N02D	96.77	.26	.00	.00	11.51	11.28
MN03N03D	88.78	.23	.00	.00	14.62	14.57
MN07N01P	70.12	.69	24.14	.00	.00	24.06
MN08N01P	72.00	.88	2.52	.00	.00	.17
MN09N01P	65.76	1.14	8.71	.00	.00	6.20
MN10N01P	64.96	1.03	4.74	.00	.00	2.53
MN11N01P	65.01	.45	3.22	.00	.00	2.02
MN12N01D	119.00	.02	39.68	.00	.00	60.28
MN13N01W	104.32	31.02	78.85	.00	60.28	52.14
MN14N01D	74.31	.54	48.82	.00	48.45	77.31
MN15N01D	135.76	.32	24.60	.00	17.80	31.49
MN16N01D	129.77	.46	7.97	.00	31.49	37.35
MN17N01D	122.99	.45	7.09	.00	37.35	42.40
MN18N01W	65.54	5.38	42.32	.00	113.79	153.76
MN19N01P	105.03	6.74	19.11	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MCCOY-N	63.82	296.66	284.07	.00	308.81	179.16
MN21N01L	63.37	2.63	5.84	.00	179.16	179.51
LC01N01L	83.45	14.37	13.02	.00	.00	1.66
LC02N01P	88.08	.58	9.25	.00	.00	9.22
LC03N01P	63.44	1.56	9.76	.00	.00	8.81
LC04N01P	62.89	4.60	13.93	.00	.00	5.01
LC05N01P	67.06	1.58	16.20	.00	.00	11.96
LC05N02D	66.95	.29	.00	.00	11.96	11.43
LC05N03D	66.84	.39	.00	.00	11.43	9.60
LC06N01P	66.81	4.42	12.83	.00	9.60	10.94
LC07N01P	71.56	1.51	4.20	.00	.00	.00
CORONI-S	62.89	63.72	28.51	.00	180.56	139.46
CORONI-N	62.89	174.96	57.73	.00	145.60	84.48
LP01N01W	123.08	1.94	83.33	.00	.00	88.74
LP02N01D	117.08	1.18	38.57	.00	96.29	133.55
LP03N01P	128.04	6.73	28.74	.00	.00	12.53
LP04N01D	120.04	.61	72.44	.00	.00	72.43
LP05N01P	99.29	14.17	23.64	.00	.00	10.63
LP06N01P	99.05	10.41	87.55	.00	10.63	68.32
LP07N01W	95.97	.36	49.27	.00	271.61	307.92
LP08N01W	102.67	.37	25.51	.00	3.68	25.86
LP08N02D	102.30	.32	.00	.00	20.13	20.13
LP09N01P	98.95	10.55	22.46	.00	.00	15.73
LP10N01D	98.15	.28	.00	.00	35.84	35.84
LP10N02D	93.99	.38	14.16	.00	343.71	357.22
LP10N03P	93.23	2.46	.00	.00	357.22	357.24
LP11N01L	81.09	2.98	8.51	.00	.00	.00
LP13N01W	61.50	1.98	13.69	.00	84.48	84.43
LP14N01P	64.35	.98	9.94	.00	.00	9.86
LP14N02P	62.80	1.05	.00	.00	9.86	4.56
PREVATT	59.35	571.16	186.54	.00	379.52	110.08
CARPENTR	49.61	10.99	30.90	.00	110.08	117.71
TW	48.10	390.96	.00	.00	117.71	.00
DW	100.00	20.33	.00	.00	7.14	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	9.58	43.99	DL01N01P	148.29	DL02N01W	146.07
MS03R03S	.00	.00	MS03N01P	87.00	MS04N01P	82.50
MS04R02S	.00	.00	MS04N01P	82.50	MS05N01P	75.50
MS05R02S	.00	.00	MS05N01P	75.50	MCCOY-S	62.30
DL02R01O	15.42	2.41	DL02N01W	148.03	DL03N01P	145.63
MS07R01S	11.08	9.27	MS07N01P	65.80	MCCOY-S	64.09
MS08R01S	18.83	.62	MS08N01P	65.40	MCCOY-S	65.39
MN03R03S	10.33	3.41	MN03N01P	106.27	MN03N03D	88.76
LP06R01S	9.25	68.32	LP06N01P	99.05	LP07N01W	95.93
DL05R02R	.00	.00	DREAM	115.00	MCCOY-N	61.50
MN09R02R	.00	.00	MN09N01P	62.00	MCCOY-N	61.50
MN21R02R	19.17	122.75	MN21N01L	63.37	CORONI-S	61.79
LP07R02R	10.00	266.07	LP07N01W	95.97	LP10N02D	93.99
MN03R01S	10.33	1.70	MN03N01P	106.27	MN03N02D	96.74
MN13R02O	.00	.00	MN13N01W	101.50	LP08N01W	99.80
LP10R04R	10.08	178.03	LP10N03P	93.23	PREVATT	57.70
LP08R02R	10.25	5.72	LP08N01W	102.67	LP13N01W	59.49
LP14R01S	10.08	9.86	LP14N01P	64.35	LP14N02P	61.07
DL03R02C	15.33	6.11	DL03N02D	140.36	DREAM	116.59
DL05R01C	23.33	8.13	DREAM	116.71	MN01N01D	116.43
MN01R01C	22.83	8.15	MN01N01D	116.43	MN02N02D	113.89
MN02R02C	10.25	9.80	MN02N02D	114.04	MN03N02D	96.72
MN03R02C	10.58	11.28	MN03N02D	96.77	MN03N03D	88.78
MN03R04C	10.58	14.57	MN03N03D	88.78	MCCOY-N	62.46
MS01R01C	11.00	56.53	MS01N01W	92.23	MS02N01P	83.27
MS09R01C	16.25	22.81	MCCOY-S	65.37	MCCOY-N	63.74
MN13R01C	14.17	3.68	MN13N01W	104.32	LP08N01W	101.94
MN15R01C	10.33	31.49	MN15N01D	135.76	MN16N01D	129.77
MN16R01C	10.17	37.35	MN16N01D	129.77	MN17N01D	122.98
MN17R01C	10.08	42.40	MN17N01D	122.99	MN18N01W	65.54
MN18R01C	10.42	153.76	MN18N01W	65.54	MCCOY-N	62.38
MN12R01C	.00	60.28	MN12N01D	119.00	MN13N01W	101.50
MN14R01C	11.50	77.31	MN14N01D	74.31	MN18N01W	65.52
MN21R01C	14.33	70.17	MN21N01L	63.20	CORONI-S	60.64
LC08R01C	19.25	137.86	CORONI-S	61.81	CORONI-N	61.80
LC08R02C	11.83	10.91	CORONI-S	60.36	CORONI-N	59.92
LC05R01C	10.17	11.96	LC05N01P	66.48	LC05N02D	66.05
LC05R02C	10.08	11.43	LC05N02D	66.02	LC05N03D	65.42
LC05R03C	10.08	9.60	LC05N03D	65.42	LC06N01P	65.32

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R01C	9.75	64.54	LP02N01D	117.08	LP07N01W	95.97
LP02R02C	9.75	69.01	LP02N01D	117.08	LP07N01W	95.97
LP03R01C	12.17	12.53	LP03N01P	128.04	LP02N01D	115.07
LP04R01C	9.50	72.43	LP04N01D	120.04	LP07N01W	95.96
LP05R01C	14.67	10.63	LP05N01P	99.06	LP06N01P	98.28
LP08R01C	10.25	20.13	LP08N01W	102.67	LP08N02D	102.30
LP08R03C	10.33	20.13	LP08N02D	102.30	LP10N01D	98.14
LP07R01C	10.00	41.84	LP07N01W	95.97	LP10N02D	93.99
LP10R03C	10.08	179.21	LP10N03P	93.23	PREVATT	57.70
LC09R01C	32.50	84.48	CORONI-N	62.89	LP13N01W	61.50
LP13R01C	33.25	41.23	LP13N01W	61.50	PREVATT	59.28
LP13R02C	33.25	43.20	LP13N01W	61.50	PREVATT	59.28
CB01R01C	21.17	117.71	CARPENTR	49.61	TW	48.10
DL03R01S	15.25	6.11	DL03N01P	145.63	DL03N02D	140.36
MS02R01S	10.58	65.04	MS02N01P	83.28	MCCOY-S	63.79
MS03R01S	10.33	44.14	MS03N01P	90.48	MS04N01P	86.05
MS04R01S	10.58	42.92	MS04N01P	86.17	MS05N01P	78.04
MS05R01S	10.42	42.43	MS05N01P	77.94	MCCOY-S	63.69
PA05R01S	11.33	104.97	PA05N01P	72.01	MCCOY-N	62.78
BP01R01S	10.92	19.95	BP01N01P	141.65	BUCHAN	138.71
BP02R01S	10.08	12.69	BP02N01P	144.81	BP04N01P	141.54
BP03R01S	10.25	14.29	BP03N01P	146.21	BP04N01P	141.57
BP04R01S	10.33	45.76	BP04N01P	141.58	BUCHAN	138.47
BP05R01S	16.92	17.80	BUCHAN	139.60	MN15N01D	135.14
MN02R01S	9.33	7.04	MN02N01P	115.55	MN02N02D	113.92
MN09R01S	11.25	6.20	MN09N01P	65.76	MCCOY-N	62.74
MN10R01S	13.17	2.53	MN10N01P	64.96	MCCOY-N	63.30
MN11R01S	10.67	2.02	MN11N01P	65.01	MCCOY-N	62.49
LC01R01S	23.33	1.66	LC01N01L	83.45	CORONI-S	62.46
LC03R01S	11.58	8.81	LC03N01P	63.44	CORONI-N	59.87
LC04R01S	39.75	5.01	LC04N01P	62.78	CORONI-N	62.78
LC06R01S	13.25	10.94	LC06N01P	66.81	CORONI-N	60.33
LP09R01S	10.08	15.73	LP09N01P	98.95	LP10N01D	98.15
LP14R02S	12.00	4.56	LP14N02P	62.80	PREVATT	58.36
LP01R01X	9.50	88.74	LP01N01W	122.84	LP02N01D	116.97
MN20R01X	18.67	179.16	MCCOY-N	63.82	MN21N01L	63.37
DL01R02A	9.58	7.14	DL01N01P	148.29	DW	100.00
PA02R01A	.00	.00	PA02N01P	143.00	PA05N01P	67.00
MN07R01A	10.75	24.06	MN07N01P	70.12	MCCOY-N	62.53

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 10-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
MN08R01A	20.00	.17	MN08N01P	72.00	MCCOY-N	63.80
LC02R01A	10.25	9.22	LC02N01P	88.08	CORONI-S	59.87
LC07R01A	.00	.00	LC07N01P	67.00	CORONI-N	59.30
MN13R01A	14.17	48.45	MN13N01W	104.32	MN14N01D	74.12
MN19R01A	.00	.00	MN19N01P	100.00	MCCOY-N	61.50
LP10R01A	10.17	35.84	LP10N01D	98.15	LP10N02D	93.99
LP10R02A	10.00	357.22	LP10N02D	93.99	LP10N03P	93.23
LP16R01A	24.75	110.08	PREVATT	59.35	CARPENTR	49.60

25-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
DL01N01P	STAGE (ft):	144.78	59.75	148.33	9.33
	VOLUME (af):	.98	59.75	7.07	9.33
	RUNOFF (cfs):	.00	27.00	63.27	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.02	59.75	62.57	9.33
DL02N01W	STAGE (ft):	143.98	4.00	148.13	12.58
	VOLUME (af):	1.64	3.75	24.65	12.58
	RUNOFF (cfs):	.00	59.75	42.67	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-3.44	20.75	55.39	9.33
	OUTFLOW (cfs):	.00	59.75	25.68	12.58
DL03N01P	STAGE (ft):	142.70	5.25	146.61	15.17
	VOLUME (af):	.00	5.17	17.49	15.17
	RUNOFF (cfs):	.00	59.75	49.56	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	25.68	12.58
	OUTFLOW (cfs):	.00	9.08	15.63	15.17
DL03N02D	STAGE (ft):	139.10	9.67	141.24	15.25
	VOLUME (af):	.03	9.17	.26	15.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.08	15.63	15.17
	OUTFLOW (cfs):	.00	9.67	15.62	15.33
DREAM	STAGE (ft):	114.98	6.42	117.36	23.83
	VOLUME (af):	21.28	6.42	67.82	23.83
	RUNOFF (cfs):	.00	59.75	110.65	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.67	15.62	15.33
	OUTFLOW (cfs):	.50	7.25	11.07	23.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	5.00	142.03	10.50
	VOLUME (af):	.00	4.75	7.80	10.50
	RUNOFF (cfs):	.00	59.75	51.65	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.75	26.52	10.50
BP02N01P	STAGE (ft):	143.00	4.25	144.91	9.92
	VOLUME (af):	.00	4.00	2.72	9.92
	RUNOFF (cfs):	.00	59.75	21.06	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.17	16.17	9.92
BP03N01P	STAGE (ft):	143.50	3.75	146.34	10.08
	VOLUME (af):	.00	3.75	4.06	10.08
	RUNOFF (cfs):	.00	59.75	26.55	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.25	18.58	10.08
BP04N01P	STAGE (ft):	139.00	3.75	141.95	10.25
	VOLUME (af):	.03	3.50	6.25	10.25
	RUNOFF (cfs):	.00	59.75	41.53	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.17	34.66	10.00
	OUTFLOW (cfs):	.00	7.08	58.54	10.25
BUCHAN	STAGE (ft):	137.64	5.33	140.02	16.58
	VOLUME (af):	38.62	5.33	83.89	16.58
	RUNOFF (cfs):	.00	30.25	50.66	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.08	84.79	10.33
	OUTFLOW (cfs):	2.22	5.33	22.08	16.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MS01N01W	STAGE (ft):	82.30	5.08	93.84	11.33
	VOLUME (af):	.00	5.00	7.65	11.33
	RUNOFF (cfs):	.00	59.75	91.72	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.17	60.58	11.50
MS02N01P	STAGE (ft):	80.00	4.75	83.63	10.42
	VOLUME (af):	.00	4.75	2.55	10.42
	RUNOFF (cfs):	.00	26.00	19.03	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.17	60.58	11.50
	OUTFLOW (cfs):	.00	4.75	70.56	10.42
MS03N01P	STAGE (ft):	87.00	5.25	93.08	10.75
	VOLUME (af):	.03	5.25	1.35	10.75
	RUNOFF (cfs):	.00	59.75	56.95	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.25	50.14	10.25
MS04N01P	STAGE (ft):	82.50	5.42	87.69	11.25
	VOLUME (af):	.02	5.33	1.61	11.25
	RUNOFF (cfs):	.00	59.75	2.96	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.25	50.14	10.25
	OUTFLOW (cfs):	.00	5.42	48.27	11.25
MS05N01P	STAGE (ft):	75.50	5.58	79.16	11.83
	VOLUME (af):	.03	5.50	.67	11.83
	RUNOFF (cfs):	.00	59.75	2.45	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.42	48.27	11.25
	OUTFLOW (cfs):	.00	5.58	48.36	11.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MS07N01P	STAGE (ft):	62.00	5.75	66.23	10.33
	VOLUME (af):	.00	5.67	3.89	10.33
	RUNOFF (cfs):	.00	59.75	25.86	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	14.58	14.68	10.33
MS08N01P	STAGE (ft):	61.50	6.00	66.10	17.33
	VOLUME (af):	.00	5.67	4.16	17.33
	RUNOFF (cfs):	.00	59.75	11.90	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-1.53	13.75	.88	18.67
MCCOY-S	STAGE (ft):	62.29	6.00	66.09	17.00
	VOLUME (af):	26.45	6.00	133.78	17.00
	RUNOFF (cfs):	.00	30.00	134.54	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	130.33	11.08
	OUTFLOW (cfs):	.54	6.08	31.47	16.92
PA02N01P	STAGE (ft):	143.00	6.58	149.36	59.75
	VOLUME (af):	.00	6.42	17.25	59.75
	RUNOFF (cfs):	.00	59.75	43.10	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PA05N01P	STAGE (ft):	67.00	2.50	75.25	13.00
	VOLUME (af):	18.72	2.50	48.99	13.00
	RUNOFF (cfs):	.00	59.75	213.02	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	2.50	121.07	12.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN01N01D	STAGE (ft):	114.50	.00	116.83	23.92
	VOLUME (af):	.05	.00	.29	23.92
	RUNOFF (cfs):	.00	59.75	.75	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.50	7.25	11.07	23.83
	OUTFLOW (cfs):	.62	6.42	11.07	24.00
MN02N01P	STAGE (ft):	114.00	5.25	115.78	9.33
	VOLUME (af):	.00	5.17	.44	9.33
	RUNOFF (cfs):	.00	59.75	10.29	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.08	8.72	9.25
MN02N02D	STAGE (ft):	112.24	.00	114.30	10.25
	VOLUME (af):	.02	.00	.23	10.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.62	6.08	12.35	10.17
	OUTFLOW (cfs):	.00	.00	12.29	10.25
MN03N01P	STAGE (ft):	105.00	6.75	106.33	10.25
	VOLUME (af):	.00	6.67	.14	10.25
	RUNOFF (cfs):	.00	59.75	6.95	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.33	6.92	10.25
MN03N02D	STAGE (ft):	94.23	.00	97.64	10.58
	VOLUME (af):	.00	.00	.35	10.58
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	14.52	10.25
	OUTFLOW (cfs):	.00	.00	14.15	10.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN03N03D	STAGE (ft):	86.47	7.42	89.21	10.58
	VOLUME (af):	.00	1.50	.28	10.58
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	18.71	10.42
	OUTFLOW (cfs):	.00	7.42	18.65	10.58
MN07N01P	STAGE (ft):	68.20	6.75	70.16	10.58
	VOLUME (af):	.00	6.67	.76	10.58
	RUNOFF (cfs):	.00	59.75	32.87	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	32.72	10.58
MN08N01P	STAGE (ft):	67.00	6.50	72.01	12.75
	VOLUME (af):	.00	6.42	.88	12.75
	RUNOFF (cfs):	.00	59.75	3.36	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	1.16	12.75
MN09N01P	STAGE (ft):	62.00	6.75	65.99	10.17
	VOLUME (af):	.00	6.67	1.21	10.17
	RUNOFF (cfs):	.00	27.25	11.67	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.33	11.52	10.17
MN10N01P	STAGE (ft):	62.50	7.00	65.19	11.92
	VOLUME (af):	.00	6.92	1.15	11.92
	RUNOFF (cfs):	.00	28.75	6.55	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.17	4.25	11.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	6.50	65.28	10.42
	VOLUME (af):	.00	6.42	.53	10.42
	RUNOFF (cfs):	.00	59.75	4.34	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.83	3.02	10.42
MN12N01D	STAGE (ft):	116.11	59.75	119.00	.00
	VOLUME (af):	-.06	5.75	.02	.00
	RUNOFF (cfs):	.00	59.75	50.52	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	60.28	.00
MN13N01W	STAGE (ft):	101.50	.00	104.61	13.67
	VOLUME (af):	.00	.00	35.83	13.67
	RUNOFF (cfs):	.00	59.75	93.47	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	60.28	.00
	OUTFLOW (cfs):	.00	.00	70.19	13.67
MN14N01D	STAGE (ft):	69.87	2.00	75.12	12.08
	VOLUME (af):	.09	2.00	.62	12.08
	RUNOFF (cfs):	.00	59.75	59.18	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	65.18	13.67
	OUTFLOW (cfs):	.00	5.67	99.27	12.08
MN15N01D	STAGE (ft):	133.00	.00	136.13	10.33
	VOLUME (af):	.02	.00	.36	10.33
	RUNOFF (cfs):	.00	59.75	30.43	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.22	5.33	22.08	16.58
	OUTFLOW (cfs):	.00	.00	39.12	10.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	130.18	10.17
	VOLUME (af):	.12	.50	.51	10.17
	RUNOFF (cfs):	.00	59.75	9.50	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	39.12	10.33
	OUTFLOW (cfs):	.00	.75	46.01	10.17
MN17N01D	STAGE (ft):	119.40	.00	123.61	10.08
	VOLUME (af):	.04	.00	.52	10.08
	RUNOFF (cfs):	.00	59.75	8.37	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	46.01	10.17
	OUTFLOW (cfs):	.00	.00	51.90	10.08
MN18N01W	STAGE (ft):	61.50	.50	65.62	10.42
	VOLUME (af):	.21	.50	5.66	10.42
	RUNOFF (cfs):	.00	59.75	52.88	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	141.86	10.67
	OUTFLOW (cfs):	.00	.00	191.33	10.42
MN19N01P	STAGE (ft):	100.00	3.75	105.96	59.75
	VOLUME (af):	.00	3.50	7.98	59.75
	RUNOFF (cfs):	.00	59.75	22.44	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-N	STAGE (ft):	61.49	5.33	64.10	17.92
	VOLUME (af):	45.79	5.33	333.45	17.92
	RUNOFF (cfs):	.00	59.75	349.08	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.93	.50	373.81	11.08
	OUTFLOW (cfs):	2.17	.00	247.43	17.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	63.68	27.25
	VOLUME (af):	.01	.00	3.53	27.25
	RUNOFF (cfs):	.00	29.25	7.73	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	247.43	17.83
	OUTFLOW (cfs):	-2.95	.00	247.96	17.83
LC01N01L	STAGE (ft):	81.60	6.75	83.64	19.33
	VOLUME (af):	6.31	6.75	15.23	19.33
	RUNOFF (cfs):	.00	37.25	17.35	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	14.83	4.97	19.33
LC02N01P	STAGE (ft):	85.00	6.75	88.17	10.25
	VOLUME (af):	.00	6.67	.60	10.25
	RUNOFF (cfs):	.00	28.00	12.29	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.92	12.28	10.25
LC03N01P	STAGE (ft):	60.20	7.00	63.65	11.58
	VOLUME (af):	.00	6.67	1.66	11.58
	RUNOFF (cfs):	.00	59.75	13.48	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.17	12.02	11.08
LC04N01P	STAGE (ft):	60.40	6.25	63.63	28.25
	VOLUME (af):	.00	6.17	5.97	28.25
	RUNOFF (cfs):	.00	59.75	18.29	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-2.70	22.08	6.14	13.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	6.50	67.72	11.83
	VOLUME (af):	.06	6.42	2.24	11.83
	RUNOFF (cfs):	.00	59.75	21.01	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.46	59.00	13.80	9.83
LC05N02D	STAGE (ft):	64.25	7.50	67.44	11.92
	VOLUME (af):	.00	6.67	.34	11.92
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.46	59.00	13.80	9.83
	OUTFLOW (cfs):	-.57	35.25	12.91	9.75
LC05N03D	STAGE (ft):	63.30	7.92	67.17	11.92
	VOLUME (af):	.00	7.58	.43	11.92
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.57	35.25	12.91	9.75
	OUTFLOW (cfs):	-1.12	56.50	10.65	9.67
LC06N01P	STAGE (ft):	63.00	6.50	67.10	11.83
	VOLUME (af):	.00	6.42	4.79	11.83
	RUNOFF (cfs):	.00	59.75	16.76	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-1.12	56.50	10.65	9.67
	OUTFLOW (cfs):	.00	9.92	17.28	11.83
LC07N01P	STAGE (ft):	67.00	6.50	72.01	15.08
	VOLUME (af):	.00	6.42	1.73	15.08
	RUNOFF (cfs):	.00	59.75	5.66	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	14.83	.60	15.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		|<-- MINIMUMS -->		|<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
CORONI-S	STAGE (ft):	59.30	.00	63.63	27.75
	VOLUME (af):	9.48	.00	80.36	27.75
	RUNOFF (cfs):	.00	59.75	37.48	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-2.95	.00	253.64	17.92
	OUTFLOW (cfs):	.00	.00	194.61	19.58
CORONI-N	STAGE (ft):	59.30	.25	63.63	27.75
	VOLUME (af):	38.65	.25	208.21	27.75
	RUNOFF (cfs):	.00	59.75	73.48	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	201.69	18.67
	OUTFLOW (cfs):	-.39	10.00	106.83	26.75
LP01N01W	STAGE (ft):	121.30	4.50	123.12	8.75
	VOLUME (af):	.58	4.50	1.97	8.75
	RUNOFF (cfs):	.00	59.75	100.69	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	100.37	10.00
LP02N01D	STAGE (ft):	111.30	.00	117.33	10.08
	VOLUME (af):	.06	.00	1.23	10.08
	RUNOFF (cfs):	.00	30.75	46.14	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.21	59.75	111.98	10.17
	OUTFLOW (cfs):	.04	.25	157.89	10.08
LP03N01P	STAGE (ft):	126.04	59.75	128.27	12.17
	VOLUME (af):	.13	59.75	7.82	12.17
	RUNOFF (cfs):	.00	29.00	33.39	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.21	59.75	14.01	12.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	3.25	120.10	9.50
	VOLUME (af):	.09	3.25	.62	9.50
	RUNOFF (cfs):	.00	59.75	84.97	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	4.25	84.97	9.50
LP05N01P	STAGE (ft):	97.50	2.75	99.56	11.67
	VOLUME (af):	6.08	2.75	15.46	11.67
	RUNOFF (cfs):	.00	27.25	27.98	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-8.65	8.50	11.89	14.67
LP06N01P	STAGE (ft):	97.50	2.75	99.24	9.25
	VOLUME (af):	4.90	2.75	11.10	9.25
	RUNOFF (cfs):	.00	59.75	101.54	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-8.65	8.50	11.89	14.67
	OUTFLOW (cfs):	.00	2.75	81.71	9.25
LP07N01W	STAGE (ft):	92.70	.00	96.07	10.17
	VOLUME (af):	.00	.00	1.04	10.17
	RUNOFF (cfs):	.00	59.75	58.54	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	318.31	9.50
	OUTFLOW (cfs):	.00	1.50	363.76	10.17
LP08N01W	STAGE (ft):	99.80	4.00	102.75	10.25
	VOLUME (af):	.08	4.00	.38	10.25
	RUNOFF (cfs):	.00	31.25	30.46	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	5.01	13.67
	OUTFLOW (cfs):	.00	4.75	31.55	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	6.17	102.36	10.33
	VOLUME (af):	.02	5.00	.32	10.33
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	20.73	10.25
	OUTFLOW (cfs):	.00	6.17	20.72	10.33
LP09N01P	STAGE (ft):	95.20	4.00	99.40	10.25
	VOLUME (af):	7.10	3.75	10.96	10.25
	RUNOFF (cfs):	.00	59.75	26.51	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.58	17.98	9.50
LP10N01D	STAGE (ft):	95.80	4.75	98.21	9.50
	VOLUME (af):	.00	4.75	.28	9.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.17	38.49	9.50
	OUTFLOW (cfs):	.00	4.75	38.43	9.50
LP10N02D	STAGE (ft):	90.20	.75	94.21	10.17
	VOLUME (af):	.00	.75	.40	10.17
	RUNOFF (cfs):	.00	59.75	17.54	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	1.50	401.05	10.17
	OUTFLOW (cfs):	.00	.75	418.26	10.17
LP10N03P	STAGE (ft):	86.80	.75	93.33	10.25
	VOLUME (af):	.05	.75	2.55	10.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	418.26	10.17
	OUTFLOW (cfs):	.00	5.00	418.23	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		|<-- MINIMUMS -->		|<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	81.64	59.75
	VOLUME (af):	.00	6.17	3.87	59.75
	RUNOFF (cfs):	.00	59.75	11.21	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	62.39	29.00
	VOLUME (af):	.09	.00	4.07	29.00
	RUNOFF (cfs):	.00	34.50	17.85	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.25	106.83	26.75
	OUTFLOW (cfs):	.00	.00	106.43	29.00
LP14N01P	STAGE (ft):	60.00	6.50	64.40	10.00
	VOLUME (af):	.00	6.42	1.00	10.00
	RUNOFF (cfs):	.00	59.75	13.04	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.08	13.00	10.00
LP14N02P	STAGE (ft):	60.00	9.08	63.34	11.42
	VOLUME (af):	.00	9.08	1.32	11.42
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.08	13.00	10.00
	OUTFLOW (cfs):	.00	9.67	7.64	11.42
PREVATT	STAGE (ft):	57.09	5.17	59.77	24.17
	VOLUME (af):	294.33	5.17	629.02	24.17
	RUNOFF (cfs):	.00	36.75	245.03	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	451.45	10.33
	OUTFLOW (cfs):	4.16	5.17	154.47	24.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		|<-- MINIMUMS -->		|<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	49.75	20.67
	VOLUME (af):	.00	.00	11.34	20.67
	RUNOFF (cfs):	.00	38.75	46.02	12.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.16	5.17	154.47	24.17
	OUTFLOW (cfs):	.00	10.42	166.56	20.75
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	10.42	533.73	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.42	166.56	20.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	16.38	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.19	59.75	7.18	9.33
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	148.33	7.07	63.27	.00	.00	62.57
DL02N01W	148.13	24.65	42.67	.00	55.39	25.68
DL03N01P	146.61	17.49	49.56	.00	25.68	15.63
DL03N02D	141.24	.26	.00	.00	15.63	15.62
DREAM	117.36	67.82	110.65	.00	15.62	11.07
BP01N01P	142.03	7.80	51.65	.00	.00	26.52
BP02N01P	144.91	2.72	21.06	.00	.00	16.17
BP03N01P	146.34	4.06	26.55	.00	.00	18.58
BP04N01P	141.95	6.25	41.53	.00	34.66	58.54
BUCHAN	140.02	83.89	50.66	.00	84.79	22.08
MS01N01W	93.84	7.65	91.72	.00	.00	60.58
MS02N01P	83.63	2.55	19.03	.00	60.58	70.56
MS03N01P	93.08	1.35	56.95	.00	.00	50.14
MS04N01P	87.69	1.61	2.96	.00	50.14	48.27
MS05N01P	79.16	.67	2.45	.00	48.27	48.36
MS07N01P	66.23	3.89	25.86	.00	.00	14.68
MS08N01P	66.10	4.16	11.90	.00	.00	.88
MCCOY-S	66.09	133.78	134.54	.00	130.33	31.47
PA02N01P	149.36	17.25	43.10	.00	.00	.00
PA05N01P	75.25	48.99	213.02	.00	.00	121.07
MN01N01D	116.83	.29	.75	.00	11.07	11.07
MN02N01P	115.78	.44	10.29	.00	.00	8.72
MN02N02D	114.30	.23	.00	.00	12.35	12.29
MN03N01P	106.33	.14	6.95	.00	.00	6.92
MN03N02D	97.64	.35	.00	.00	14.52	14.15
MN03N03D	89.21	.28	.00	.00	18.71	18.65
MN07N01P	70.16	.76	32.87	.00	.00	32.72
MN08N01P	72.01	.88	3.36	.00	.00	1.16
MN09N01P	65.99	1.21	11.67	.00	.00	11.52
MN10N01P	65.19	1.15	6.55	.00	.00	4.25
MN11N01P	65.28	.53	4.34	.00	.00	3.02
MN12N01D	119.00	.02	50.52	.00	.00	60.28
MN13N01W	104.61	35.83	93.47	.00	60.28	70.19
MN14N01D	75.12	.62	59.18	.00	65.18	99.27
MN15N01D	136.13	.36	30.43	.00	22.08	39.12
MN16N01D	130.18	.51	9.50	.00	39.12	46.01
MN17N01D	123.61	.52	8.37	.00	46.01	51.90
MN18N01W	65.62	5.66	52.88	.00	141.86	191.33
MN19N01P	105.96	7.98	22.44	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MCCOY-N	64.10	333.45	349.08	.00	373.81	247.43
MN21N01L	63.68	3.53	7.73	.00	247.43	247.96
LC01N01L	83.64	15.23	17.35	.00	.00	4.97
LC02N01P	88.17	.60	12.29	.00	.00	12.28
LC03N01P	63.65	1.66	13.48	.00	.00	12.02
LC04N01P	63.63	5.97	18.29	.00	.00	6.14
LC05N01P	67.72	2.24	21.01	.00	.00	13.80
LC05N02D	67.44	.34	.00	.00	13.80	12.91
LC05N03D	67.17	.43	.00	.00	12.91	10.65
LC06N01P	67.10	4.79	16.76	.00	10.65	17.28
LC07N01P	72.01	1.73	5.66	.00	.00	.60
CORONI-S	63.63	80.36	37.48	.00	253.64	194.61
CORONI-N	63.63	208.21	73.48	.00	201.69	106.83
LP01N01W	123.12	1.97	100.69	.00	.00	100.37
LP02N01D	117.33	1.23	46.14	.00	111.98	157.89
LP03N01P	128.27	7.82	33.39	.00	.00	14.01
LP04N01D	120.10	.62	84.97	.00	.00	84.97
LP05N01P	99.56	15.46	27.98	.00	.00	11.89
LP06N01P	99.24	11.10	101.54	.00	11.89	81.71
LP07N01W	96.07	1.04	58.54	.00	318.31	363.76
LP08N01W	102.75	.38	30.46	.00	5.01	31.55
LP08N02D	102.36	.32	.00	.00	20.73	20.72
LP09N01P	99.40	10.96	26.51	.00	.00	17.98
LP10N01D	98.21	.28	.00	.00	38.49	38.43
LP10N02D	94.21	.40	17.54	.00	401.05	418.26
LP10N03P	93.33	2.55	.00	.00	418.26	418.23
LP11N01L	81.64	3.87	11.21	.00	.00	.00
LP13N01W	62.39	4.07	17.85	.00	106.83	106.43
LP14N01P	64.40	1.00	13.04	.00	.00	13.00
LP14N02P	63.34	1.32	.00	.00	13.00	7.64
PREVATT	59.77	629.02	245.03	.00	451.45	154.47
CARPENTR	49.75	11.34	46.02	.00	154.47	166.56
TW	48.10	533.73	.00	.00	166.56	.00
DW	100.00	16.38	.00	.00	7.18	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	9.33	55.39	DL01N01P	148.33	DL02N01W	146.28
MS03R03S	.00	.00	MS03N01P	87.00	MS04N01P	82.50
MS04R02S	.00	.00	MS04N01P	82.50	MS05N01P	75.50
MS05R02S	.00	.00	MS05N01P	75.50	MCCOY-S	62.30
DL02R01O	12.58	25.68	DL02N01W	148.13	DL03N01P	146.08
MS07R01S	10.33	14.68	MS07N01P	66.23	MCCOY-S	63.98
MS08R01S	18.67	.88	MS08N01P	66.09	MCCOY-S	66.08
MN03R03S	10.25	4.69	MN03N01P	106.33	MN03N03D	89.16
LP06R01S	9.25	81.71	LP06N01P	99.24	LP07N01W	96.02
DL05R02R	.00	.00	DREAM	115.00	MCCOY-N	61.50
MN09R02R	10.17	4.84	MN09N01P	65.99	MCCOY-N	62.49
MN21R02R	19.75	205.59	MN21N01L	63.51	CORONI-S	62.83
LP07R02R	10.17	320.70	LP07N01W	96.07	LP10N02D	94.21
MN03R01S	10.25	2.23	MN03N01P	106.33	MN03N02D	97.55
MN13R02O	.00	.00	MN13N01W	101.50	LP08N01W	99.80
LP10R04R	10.25	237.41	LP10N03P	93.33	PREVATT	57.96
LP08R02R	10.25	10.82	LP08N01W	102.75	LP13N01W	59.73
LP14R01S	10.00	13.00	LP14N01P	64.40	LP14N02P	62.20
DL03R02C	15.33	15.62	DL03N02D	141.24	DREAM	117.09
DL05R01C	23.75	11.07	DREAM	117.36	MN01N01D	116.83
MN01R01C	23.75	11.07	MN01N01D	116.83	MN02N02D	114.20
MN02R02C	10.25	12.29	MN02N02D	114.30	MN03N02D	97.55
MN03R02C	10.58	14.15	MN03N02D	97.64	MN03N03D	89.21
MN03R04C	10.58	18.65	MN03N03D	89.21	MCCOY-N	62.72
MS01R01C	11.50	60.58	MS01N01W	93.83	MS02N01P	83.54
MS09R01C	16.92	31.47	MCCOY-S	66.09	MCCOY-N	64.09
MN13R01C	13.67	5.01	MN13N01W	104.61	LP08N01W	102.51
MN15R01C	10.33	39.12	MN15N01D	136.13	MN16N01D	130.17
MN16R01C	10.17	46.01	MN16N01D	130.18	MN17N01D	123.60
MN17R01C	10.08	51.90	MN17N01D	123.61	MN18N01W	65.62
MN18R01C	10.42	191.33	MN18N01W	65.62	MCCOY-N	62.63
MN12R01C	.00	60.28	MN12N01D	119.00	MN13N01W	101.50
MN14R01C	12.08	99.27	MN14N01D	75.12	MN18N01W	65.58
MN21R01C	12.92	70.49	MN21N01L	63.24	CORONI-S	60.68
LC08R01C	19.58	192.95	CORONI-S	62.79	CORONI-N	62.78
LC08R02C	10.92	10.94	CORONI-S	60.35	CORONI-N	59.91
LC05R01C	9.83	13.80	LC05N01P	66.85	LC05N02D	66.27
LC05R02C	9.75	12.91	LC05N02D	66.21	LC05N03D	65.65
LC05R03C	9.67	10.65	LC05N03D	65.51	LC06N01P	65.40
LP02R01C	10.08	86.52	LP02N01D	117.33	LP07N01W	96.07

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R02C	10.08	71.37	LP02N01D	117.33	LP07N01W	96.07
LP03R01C	12.17	14.01	LP03N01P	128.27	LP02N01D	115.53
LP04R01C	9.50	84.97	LP04N01D	120.10	LP07N01W	96.05
LP05R01C	14.67	11.89	LP05N01P	99.32	LP06N01P	98.35
LP08R01C	10.25	20.73	LP08N01W	102.75	LP08N02D	102.36
LP08R03C	10.33	20.72	LP08N02D	102.36	LP10N01D	98.18
LP07R01C	10.17	43.06	LP07N01W	96.07	LP10N02D	94.21
LP10R03C	10.25	180.82	LP10N03P	93.33	PREVATT	57.96
LC09R01C	26.75	106.83	CORONI-N	63.62	LP13N01W	62.36
LP13R01C	29.00	51.50	LP13N01W	62.39	PREVATT	59.71
LP13R02C	29.00	54.93	LP13N01W	62.39	PREVATT	59.71
CB01R01C	20.67	166.56	CARPENTR	49.75	TW	48.10
DL03R01S	15.17	15.63	DL03N01P	146.61	DL03N02D	141.24
MS02R01S	10.42	70.56	MS02N01P	83.63	MCCOY-S	64.04
MS03R01S	10.25	50.14	MS03N01P	92.76	MS04N01P	87.01
MS04R01S	11.25	48.27	MS04N01P	87.69	MS05N01P	79.07
MS05R01S	11.83	48.36	MS05N01P	79.16	MCCOY-S	64.91
PA05R01S	12.83	121.07	PA05N01P	75.24	MCCOY-N	63.57
BP01R01S	10.50	26.52	BP01N01P	142.03	BUCHAN	138.82
BP02R01S	9.92	16.17	BP02N01P	144.91	BP04N01P	141.88
BP03R01S	10.08	18.58	BP03N01P	146.34	BP04N01P	141.93
BP04R01S	10.25	58.54	BP04N01P	141.95	BUCHAN	138.69
BP05R01S	16.58	22.08	BUCHAN	140.02	MN15N01D	135.43
MN02R01S	9.25	8.72	MN02N01P	115.77	MN02N02D	114.15
MN09R01S	10.17	6.68	MN09N01P	65.99	MCCOY-N	62.49
MN10R01S	11.92	4.25	MN10N01P	65.19	MCCOY-N	63.29
MN11R01S	10.42	3.02	MN11N01P	65.28	MCCOY-N	62.63
LC01R01S	19.33	4.97	LC01N01L	83.64	CORONI-S	62.73
LC03R01S	11.08	12.02	LC03N01P	63.62	CORONI-N	59.97
LC04R01S	13.17	6.14	LC04N01P	62.87	CORONI-N	60.75
LC06R01S	11.83	17.28	LC06N01P	67.10	CORONI-N	60.26
LP09R01S	9.50	17.98	LP09N01P	99.22	LP10N01D	98.21
LP14R02S	11.42	7.64	LP14N02P	63.34	PREVATT	58.46
LP01R01X	10.00	100.37	LP01N01W	122.99	LP02N01D	117.33
MN20R01X	17.83	247.43	MCCOY-N	64.10	MN21N01L	63.50
DL01R02A	9.33	7.18	DL01N01P	148.33	DW	100.00
PA02R01A	.00	.00	PA02N01P	143.00	PA05N01P	67.00
MN07R01A	10.58	32.72	MN07N01P	70.16	MCCOY-N	62.72
MN08R01A	12.67	1.16	MN08N01P	72.01	MCCOY-N	63.53
LC02R01A	10.25	12.28	LC02N01P	88.17	CORONI-S	60.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 25-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LC07R01A	15.08	.60	LC07N01P	72.01	CORONI-N	61.45
MN13R01A	13.67	65.18	MN13N01W	104.61	MN14N01D	75.03
MN19R01A	.00	.00	MN19N01P	100.00	MCCOY-N	61.50
LP10R01A	9.50	38.43	LP10N01D	98.21	LP10N02D	94.16
LP10R02A	10.17	418.26	LP10N02D	94.21	LP10N03P	93.33
LP16R01A	24.08	154.47	PREVATT	59.77	CARPENTR	49.74

100-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
DL01N01P	STAGE (ft):	144.79	59.75	148.39	9.25
	VOLUME (af):	.98	59.75	7.22	9.25
	RUNOFF (cfs):	.00	27.00	79.66	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.02	59.75	79.06	9.25
DL02N01W	STAGE (ft):	143.98	3.75	148.27	11.08
	VOLUME (af):	1.64	3.50	25.97	11.08
	RUNOFF (cfs):	.00	59.75	55.12	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-3.52	21.75	71.83	9.25
	OUTFLOW (cfs):	.00	59.75	71.08	11.08
DL03N01P	STAGE (ft):	142.70	4.75	148.07	14.33
	VOLUME (af):	.00	4.75	27.26	14.33
	RUNOFF (cfs):	.00	59.75	67.21	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	71.08	11.08
	OUTFLOW (cfs):	.00	8.58	33.80	15.33
DL03N02D	STAGE (ft):	139.10	9.00	142.59	13.50
	VOLUME (af):	.03	8.67	.40	13.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.58	33.80	15.33
	OUTFLOW (cfs):	.00	9.00	33.48	13.50
DREAM	STAGE (ft):	114.98	6.00	118.27	18.17
	VOLUME (af):	21.30	6.00	88.34	18.17
	RUNOFF (cfs):	.00	59.75	156.68	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.00	33.48	13.50
	OUTFLOW (cfs):	.49	6.67	37.46	18.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	4.50	142.68	10.42
	VOLUME (af):	.00	4.50	9.90	10.42
	RUNOFF (cfs):	.00	59.75	68.99	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.33	37.72	10.33
BP02N01P	STAGE (ft):	143.00	4.00	145.08	9.50
	VOLUME (af):	.00	3.75	3.03	9.50
	RUNOFF (cfs):	.00	59.75	27.19	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.75	22.53	9.50
BP03N01P	STAGE (ft):	143.50	3.50	146.60	10.08
	VOLUME (af):	.00	3.50	4.60	10.08
	RUNOFF (cfs):	.00	59.75	33.79	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.83	24.22	9.33
BP04N01P	STAGE (ft):	139.00	3.50	142.57	10.17
	VOLUME (af):	.03	3.25	7.81	10.17
	RUNOFF (cfs):	.00	59.75	52.67	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.75	46.70	9.42
	OUTFLOW (cfs):	.00	6.67	78.90	10.17
BUCHAN	STAGE (ft):	137.65	5.00	140.70	16.17
	VOLUME (af):	38.69	5.00	99.08	16.17
	RUNOFF (cfs):	.00	30.25	64.96	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.67	116.35	10.25
	OUTFLOW (cfs):	2.24	5.00	29.00	16.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MS01N01W	STAGE (ft):	82.30	4.75	96.33	11.75
	VOLUME (af):	.00	4.50	14.38	11.75
	RUNOFF (cfs):	.00	59.75	124.73	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.67	66.30	12.08
MS02N01P	STAGE (ft):	80.00	4.25	84.24	10.42
	VOLUME (af):	.00	4.25	3.11	10.42
	RUNOFF (cfs):	.00	59.75	25.27	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.67	66.30	12.08
	OUTFLOW (cfs):	.00	4.25	78.80	10.42
MS03N01P	STAGE (ft):	87.00	4.75	94.26	10.33
	VOLUME (af):	.03	4.75	1.94	10.33
	RUNOFF (cfs):	.00	59.75	77.99	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	4.75	77.11	9.83
MS04N01P	STAGE (ft):	82.50	4.75	90.27	10.58
	VOLUME (af):	.02	4.75	3.19	10.58
	RUNOFF (cfs):	.00	59.75	4.35	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	77.11	9.83
	OUTFLOW (cfs):	.00	4.75	73.88	10.58
MS05N01P	STAGE (ft):	75.50	5.08	80.39	10.75
	VOLUME (af):	.03	4.75	1.23	10.75
	RUNOFF (cfs):	.00	59.75	3.49	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	73.88	10.58
	OUTFLOW (cfs):	.00	5.08	74.33	10.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
MS07N01P	STAGE (ft):	62.00	5.25	66.92	10.08
	VOLUME (af):	.00	5.00	4.52	10.08
	RUNOFF (cfs):	.00	59.75	35.62	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.33	24.88	10.08
MS08N01P	STAGE (ft):	61.50	5.33	66.57	14.42
	VOLUME (af):	.00	5.17	4.59	14.42
	RUNOFF (cfs):	.00	59.75	16.77	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.78	12.33	2.72	11.25
MCCOY-S	STAGE (ft):	62.29	5.50	66.53	14.58
	VOLUME (af):	26.47	5.50	148.89	14.58
	RUNOFF (cfs):	.00	30.00	189.49	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.25	175.45	10.67
	OUTFLOW (cfs):	.54	5.58	165.77	14.58
PA02N01P	STAGE (ft):	143.00	6.17	150.08	14.58
	VOLUME (af):	.00	5.92	19.71	14.58
	RUNOFF (cfs):	.00	59.75	61.32	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	13.92	15.80	14.58
PA05N01P	STAGE (ft):	67.00	2.25	80.74	13.58
	VOLUME (af):	18.72	2.25	69.14	13.58
	RUNOFF (cfs):	.00	32.25	290.13	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	13.92	15.80	14.58
	OUTFLOW (cfs):	.00	2.25	141.48	13.42

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MN01N01D	STAGE (ft):	114.50	.00	117.33	18.33
	VOLUME (af):	.05	.00	.34	18.33
	RUNOFF (cfs):	.00	59.75	1.01	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.49	6.67	14.78	18.08
	OUTFLOW (cfs):	.62	6.00	14.83	18.42
MN02N01P	STAGE (ft):	114.00	4.75	116.19	9.42
	VOLUME (af):	.00	4.75	.62	9.42
	RUNOFF (cfs):	.00	59.75	13.86	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.17	23.58	11.27	9.25
MN02N02D	STAGE (ft):	112.24	.00	114.82	10.50
	VOLUME (af):	.02	.00	.29	10.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.63	5.58	17.07	10.17
	OUTFLOW (cfs):	.00	.00	16.92	10.25
MN03N01P	STAGE (ft):	105.00	6.25	106.44	10.25
	VOLUME (af):	.00	6.17	.15	10.25
	RUNOFF (cfs):	.00	59.75	10.51	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.92	10.50	10.25
MN03N02D	STAGE (ft):	94.23	.00	99.66	10.83
	VOLUME (af):	.00	.00	.56	10.83
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	20.12	10.25
	OUTFLOW (cfs):	.00	.00	19.47	10.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN03N03D	STAGE (ft):	86.47	7.08	90.08	10.58
	VOLUME (af):	.00	1.50	.36	10.58
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	26.31	10.42
	OUTFLOW (cfs):	.00	7.08	26.20	10.58
MN07N01P	STAGE (ft):	68.20	6.25	70.25	10.58
	VOLUME (af):	.00	6.17	.90	10.58
	RUNOFF (cfs):	.00	59.75	50.30	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	50.11	10.58
MN08N01P	STAGE (ft):	67.00	6.25	72.04	10.25
	VOLUME (af):	.00	5.92	.88	10.25
	RUNOFF (cfs):	.00	59.75	5.01	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	3.85	10.25
MN09N01P	STAGE (ft):	62.00	6.25	66.04	10.00
	VOLUME (af):	.00	6.17	1.22	10.00
	RUNOFF (cfs):	.00	59.75	17.46	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.83	17.44	10.00
MN10N01P	STAGE (ft):	62.50	6.50	65.59	11.17
	VOLUME (af):	.00	6.42	1.37	11.17
	RUNOFF (cfs):	.00	59.75	10.16	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.42	8.08	11.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	6.25	65.66	10.00
	VOLUME (af):	.00	5.92	.63	10.00
	RUNOFF (cfs):	.00	59.75	6.53	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.33	5.65	10.00
MN12N01D	STAGE (ft):	116.11	59.75	119.31	10.25
	VOLUME (af):	-.06	5.42	.07	10.25
	RUNOFF (cfs):	.00	59.75	71.14	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	71.09	10.25
MN13N01W	STAGE (ft):	101.50	.00	104.85	11.83
	VOLUME (af):	.00	.00	39.97	11.83
	RUNOFF (cfs):	.00	59.75	120.09	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	71.09	10.25
	OUTFLOW (cfs):	.00	.00	137.51	11.83
MN14N01D	STAGE (ft):	69.87	4.50	77.09	11.50
	VOLUME (af):	.09	4.50	.82	11.50
	RUNOFF (cfs):	.00	59.75	78.26	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	85.69	11.83
	OUTFLOW (cfs):	.00	5.00	147.94	11.50
MN15N01D	STAGE (ft):	133.00	.00	136.80	10.33
	VOLUME (af):	.02	.00	.44	10.33
	RUNOFF (cfs):	.00	59.75	41.49	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.24	5.00	29.00	16.17
	OUTFLOW (cfs):	.00	.00	53.65	10.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	130.93	10.17
	VOLUME (af):	.12	.50	.60	10.17
	RUNOFF (cfs):	.00	59.75	12.26	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	53.65	10.33
	OUTFLOW (cfs):	.00	.75	62.54	10.17
MN17N01D	STAGE (ft):	119.40	.00	125.22	10.08
	VOLUME (af):	.04	.00	.70	10.08
	RUNOFF (cfs):	.00	59.75	10.69	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	62.54	10.17
	OUTFLOW (cfs):	.00	.00	69.96	10.08
MN18N01W	STAGE (ft):	61.50	.50	65.76	11.25
	VOLUME (af):	.21	.50	6.15	11.25
	RUNOFF (cfs):	.00	59.75	72.68	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	206.27	11.25
	OUTFLOW (cfs):	.00	.00	264.21	10.50
MN19N01P	STAGE (ft):	100.00	3.50	106.06	12.83
	VOLUME (af):	.00	3.25	8.13	12.75
	RUNOFF (cfs):	.00	59.75	28.45	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	11.58	6.48	12.83
MCCOY-N	STAGE (ft):	61.49	5.00	64.85	24.75
	VOLUME (af):	45.84	5.00	445.58	24.75
	RUNOFF (cfs):	.00	59.75	469.99	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.93	.50	546.49	14.00
	OUTFLOW (cfs):	2.17	.00	415.08	16.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		|<-- MINIMUMS -->		|<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	64.81	25.50
	VOLUME (af):	.01	.00	7.97	25.50
	RUNOFF (cfs):	.00	29.25	11.42	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	415.08	16.25
	OUTFLOW (cfs):	-2.95	.00	412.64	16.08
LC01N01L	STAGE (ft):	81.60	6.33	84.00	17.17
	VOLUME (af):	6.31	6.33	16.88	17.17
	RUNOFF (cfs):	.00	37.25	26.01	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	12.58	10.53	17.17
LC02N01P	STAGE (ft):	85.00	6.25	88.35	10.08
	VOLUME (af):	.00	6.17	.63	10.08
	RUNOFF (cfs):	.00	59.75	18.39	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.50	18.35	10.08
LC03N01P	STAGE (ft):	60.20	6.50	66.12	13.33
	VOLUME (af):	.00	6.17	2.84	13.33
	RUNOFF (cfs):	.00	59.75	20.95	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.50	14.35	11.58
LC04N01P	STAGE (ft):	60.40	6.00	64.79	25.50
	VOLUME (af):	.00	5.67	8.12	25.50
	RUNOFF (cfs):	.00	59.75	26.69	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-4.01	18.83	10.71	10.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	6.00	69.01	11.58
	VOLUME (af):	.06	6.00	3.78	11.58
	RUNOFF (cfs):	.00	59.75	31.44	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.38	37.50	15.78	9.25
LC05N02D	STAGE (ft):	64.25	7.08	68.34	11.67
	VOLUME (af):	.00	6.33	.43	11.67
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.38	37.50	15.78	9.25
	OUTFLOW (cfs):	-.76	56.50	14.96	11.92
LC05N03D	STAGE (ft):	63.30	7.50	67.68	11.50
	VOLUME (af):	.00	7.17	.49	11.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.76	56.50	14.96	11.92
	OUTFLOW (cfs):	-1.01	38.00	15.10	12.00
LC06N01P	STAGE (ft):	63.00	6.25	67.50	10.75
	VOLUME (af):	.00	5.92	5.32	10.75
	RUNOFF (cfs):	.00	59.75	25.00	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-1.01	38.00	15.10	12.00
	OUTFLOW (cfs):	.00	9.33	33.76	10.75
LC07N01P	STAGE (ft):	67.00	6.25	72.04	11.00
	VOLUME (af):	.00	5.92	1.75	11.00
	RUNOFF (cfs):	.00	59.75	8.52	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.67	4.40	11.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
CORONI-S	STAGE (ft):	59.30	.00	64.80	25.50
	VOLUME (af):	9.48	.00	110.06	25.50
	RUNOFF (cfs):	.00	59.75	54.88	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-2.95	.00	425.16	16.08
	OUTFLOW (cfs):	.00	.00	306.77	16.50
CORONI-N	STAGE (ft):	59.30	.25	64.79	25.50
	VOLUME (af):	38.65	.25	263.71	25.50
	RUNOFF (cfs):	.00	59.75	103.49	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	333.46	15.50
	OUTFLOW (cfs):	-7.69	9.75	125.40	30.75
LP01N01W	STAGE (ft):	121.30	4.25	123.73	9.92
	VOLUME (af):	.58	4.25	2.44	9.92
	RUNOFF (cfs):	.00	59.75	133.01	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	132.00	9.92
LP02N01D	STAGE (ft):	111.30	.00	117.46	10.00
	VOLUME (af):	.06	.00	1.25	10.00
	RUNOFF (cfs):	.00	30.75	60.05	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.22	59.75	145.72	10.00
	OUTFLOW (cfs):	.04	.25	205.69	10.00
LP03N01P	STAGE (ft):	126.05	59.75	128.72	12.33
	VOLUME (af):	.16	59.75	9.93	12.33
	RUNOFF (cfs):	.00	29.00	41.83	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.22	59.75	16.54	12.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	3.00	120.17	9.50
	VOLUME (af):	.09	3.00	.62	9.50
	RUNOFF (cfs):	.00	59.75	107.65	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	3.75	107.65	9.50
LP05N01P	STAGE (ft):	97.50	2.50	100.05	11.75
	VOLUME (af):	6.08	2.50	17.82	11.75
	RUNOFF (cfs):	.00	59.75	35.86	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-8.89	8.33	14.01	14.75
LP06N01P	STAGE (ft):	97.50	2.50	99.54	9.17
	VOLUME (af):	4.90	2.50	12.27	9.17
	RUNOFF (cfs):	.00	59.75	126.84	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-8.89	8.33	14.01	14.75
	OUTFLOW (cfs):	.00	2.50	106.63	9.17
LP07N01W	STAGE (ft):	92.70	.00	96.25	10.08
	VOLUME (af):	.00	.00	2.73	10.08
	RUNOFF (cfs):	.00	59.75	75.47	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	412.04	9.58
	OUTFLOW (cfs):	.00	1.50	469.76	10.08
LP08N01W	STAGE (ft):	99.80	3.75	103.17	12.33
	VOLUME (af):	.08	3.75	1.59	12.33
	RUNOFF (cfs):	.00	59.75	39.50	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	51.82	11.83
	OUTFLOW (cfs):	.00	4.50	68.83	12.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	5.75	102.68	12.33
	VOLUME (af):	.02	4.75	.36	12.33
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.50	23.06	12.00
	OUTFLOW (cfs):	.00	5.75	23.01	12.50
LP09N01P	STAGE (ft):	95.20	3.50	100.36	10.33
	VOLUME (af):	7.10	3.50	11.85	10.33
	RUNOFF (cfs):	.00	59.75	33.85	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.17	21.93	9.17
LP10N01D	STAGE (ft):	95.80	4.50	98.33	11.42
	VOLUME (af):	.00	4.50	.30	11.42
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.75	44.03	11.33
	OUTFLOW (cfs):	.00	4.50	44.00	11.42
LP10N02D	STAGE (ft):	90.20	.75	94.60	10.08
	VOLUME (af):	.00	.75	.44	10.08
	RUNOFF (cfs):	.00	34.00	23.85	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	1.50	510.95	10.08
	OUTFLOW (cfs):	.00	.75	534.36	10.08
LP10N03P	STAGE (ft):	86.80	.75	93.48	10.08
	VOLUME (af):	.05	.75	2.69	10.08
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	534.36	10.08
	OUTFLOW (cfs):	.00	4.50	534.77	10.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	82.64	59.75
	VOLUME (af):	.00	5.92	5.59	59.75
	RUNOFF (cfs):	.00	59.75	16.42	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	63.64	25.50
	VOLUME (af):	.09	.00	8.84	25.50
	RUNOFF (cfs):	.00	34.50	26.35	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.25	125.40	30.75
	OUTFLOW (cfs):	.00	.00	126.65	30.00
LP14N01P	STAGE (ft):	60.00	6.25	64.50	9.33
	VOLUME (af):	.00	6.17	1.03	9.33
	RUNOFF (cfs):	.00	59.75	19.66	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.58	19.54	9.33
LP14N02P	STAGE (ft):	60.00	8.58	63.84	10.33
	VOLUME (af):	.00	8.58	1.57	10.33
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.58	19.54	9.33
	OUTFLOW (cfs):	.00	9.08	17.58	10.33
PREVATT	STAGE (ft):	57.09	4.75	60.47	20.83
	VOLUME (af):	294.40	4.75	725.46	20.83
	RUNOFF (cfs):	.00	36.75	359.31	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	590.30	10.25
	OUTFLOW (cfs):	4.17	4.75	248.41	20.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	49.97	19.00
	VOLUME (af):	.00	.00	11.91	19.00
	RUNOFF (cfs):	.00	59.75	78.71	11.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.17	4.75	248.41	20.83
	OUTFLOW (cfs):	.00	9.83	276.16	19.08
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	9.83	775.03	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.83	276.16	19.08
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	17.16	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.19	59.75	7.24	9.25
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			|<------- INFLOW -------\>|		
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	148.39	7.22	79.66	.00	.00	79.06
DL02N01W	148.27	25.97	55.12	.00	71.83	71.08
DL03N01P	148.07	27.26	67.21	.00	71.08	33.80
DL03N02D	142.59	.40	.00	.00	33.80	33.48
DREAM	118.27	88.34	156.68	.00	33.48	37.46
BP01N01P	142.68	9.90	68.99	.00	.00	37.72
BP02N01P	145.08	3.03	27.19	.00	.00	22.53
BP03N01P	146.60	4.60	33.79	.00	.00	24.22
BP04N01P	142.57	7.81	52.67	.00	46.70	78.90
BUCHAN	140.70	99.08	64.96	.00	116.35	29.00
MS01N01W	96.33	14.38	124.73	.00	.00	66.30
MS02N01P	84.24	3.11	25.27	.00	66.30	78.80
MS03N01P	94.26	1.94	77.99	.00	.00	77.11
MS04N01P	90.27	3.19	4.35	.00	77.11	73.88
MS05N01P	80.39	1.23	3.49	.00	73.88	74.33
MS07N01P	66.92	4.52	35.62	.00	.00	24.88
MS08N01P	66.57	4.59	16.77	.00	.00	2.72
MCCOY-S	66.53	148.89	189.49	.00	175.45	165.77
PA02N01P	150.08	19.71	61.32	.00	.00	15.80
PA05N01P	80.74	69.14	290.13	.00	15.80	141.48
MN01N01D	117.33	.34	1.01	.00	14.78	14.83
MN02N01P	116.19	.62	13.86	.00	.00	11.27
MN02N02D	114.82	.29	.00	.00	17.07	16.92
MN03N01P	106.44	.15	10.51	.00	.00	10.50
MN03N02D	99.66	.56	.00	.00	20.12	19.47
MN03N03D	90.08	.36	.00	.00	26.31	26.20
MN07N01P	70.25	.90	50.30	.00	.00	50.11
MN08N01P	72.04	.88	5.01	.00	.00	3.85
MN09N01P	66.04	1.22	17.46	.00	.00	17.44
MN10N01P	65.59	1.37	10.16	.00	.00	8.08
MN11N01P	65.66	.63	6.53	.00	.00	5.65
MN12N01D	119.31	.07	71.14	.00	.00	71.09
MN13N01W	104.85	39.97	120.09	.00	71.09	137.51
MN14N01D	77.09	.82	78.26	.00	85.69	147.94
MN15N01D	136.80	.44	41.49	.00	29.00	53.65
MN16N01D	130.93	.60	12.26	.00	53.65	62.54
MN17N01D	125.22	.70	10.69	.00	62.54	69.96
MN18N01W	65.76	6.15	72.68	.00	206.27	264.21
MN19N01P	106.06	8.13	28.45	.00	.00	6.48

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			INFLOW			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MCCOY-N	64.85	445.58	469.99	.00	546.49	415.08
MN21N01L	64.81	7.97	11.42	.00	415.08	412.64
LC01N01L	84.00	16.88	26.01	.00	.00	10.53
LC02N01P	88.35	.63	18.39	.00	.00	18.35
LC03N01P	66.12	2.84	20.95	.00	.00	14.35
LC04N01P	64.79	8.12	26.69	.00	.00	10.71
LC05N01P	69.01	3.78	31.44	.00	.00	15.78
LC05N02D	68.34	.43	.00	.00	15.78	14.96
LC05N03D	67.68	.49	.00	.00	14.96	15.10
LC06N01P	67.50	5.32	25.00	.00	15.10	33.76
LC07N01P	72.04	1.75	8.52	.00	.00	4.40
CORONI-S	64.80	110.06	54.88	.00	425.16	306.77
CORONI-N	64.79	263.71	103.49	.00	333.46	125.40
LP01N01W	123.73	2.44	133.01	.00	.00	132.00
LP02N01D	117.46	1.25	60.05	.00	145.72	205.69
LP03N01P	128.72	9.93	41.83	.00	.00	16.54
LP04N01D	120.17	.62	107.65	.00	.00	107.65
LP05N01P	100.05	17.82	35.86	.00	.00	14.01
LP06N01P	99.54	12.27	126.84	.00	14.01	106.63
LP07N01W	96.25	2.73	75.47	.00	412.04	469.76
LP08N01W	103.17	1.59	39.50	.00	51.82	68.83
LP08N02D	102.68	.36	.00	.00	23.06	23.01
LP09N01P	100.36	11.85	33.85	.00	.00	21.93
LP10N01D	98.33	.30	.00	.00	44.03	44.00
LP10N02D	94.60	.44	23.85	.00	510.95	534.36
LP10N03P	93.48	2.69	.00	.00	534.36	534.77
LP11N01L	82.64	5.59	16.42	.00	.00	.00
LP13N01W	63.64	8.84	26.35	.00	125.40	126.65
LP14N01P	64.50	1.03	19.66	.00	.00	19.54
LP14N02P	63.84	1.57	.00	.00	19.54	17.58
PREVATT	60.47	725.46	359.31	.00	590.30	248.41
CARPENTR	49.97	11.91	78.71	.00	248.41	276.16
TW	48.10	775.03	.00	.00	276.16	.00
DW	100.00	17.16	.00	.00	7.24	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	9.25	71.83	DL01N01P	148.39	DL02N01W	146.86
MS03R03S	10.33	32.52	MS03N01P	94.26	MS04N01P	90.13
MS04R02S	10.58	21.66	MS04N01P	90.27	MS05N01P	80.34
MS05R02S	10.75	24.73	MS05N01P	80.39	MCCOY-S	64.97
DL02R01O	11.08	71.08	DL02N01W	148.27	DL03N01P	146.75
MS07R01S	10.08	24.88	MS07N01P	66.92	MCCOY-S	64.36
MS08R01S	11.25	2.72	MS08N01P	65.66	MCCOY-S	65.36
MN03R03S	10.25	7.30	MN03N01P	106.44	MN03N03D	90.02
LP06R01S	9.17	106.63	LP06N01P	99.54	LP07N01W	96.16
DL05R02R	18.17	22.68	DREAM	118.27	MCCOY-N	64.70
MN09R02R	10.00	10.59	MN09N01P	66.04	MCCOY-N	62.79
MN21R02R	16.42	380.34	MN21N01L	63.85	CORONI-S	63.39
LP07R02R	10.08	425.87	LP07N01W	96.25	LP10N02D	94.60
MN03R01S	10.25	3.20	MN03N01P	106.44	MN03N02D	99.41
MN13R02O	11.83	45.85	MN13N01W	104.85	LP08N01W	103.12
LP10R04R	10.08	351.43	LP10N03P	93.48	PREVATT	58.21
LP08R02R	12.33	45.83	LP08N01W	103.17	LP13N01W	61.12
LP14R01S	9.33	19.54	LP14N01P	64.50	LP14N02P	62.34
DL03R02C	13.50	33.48	DL03N02D	142.59	DREAM	117.73
DL05R01C	18.00	14.78	DREAM	118.27	MN01N01D	117.33
MN01R01C	18.33	14.83	MN01N01D	117.33	MN02N02D	114.61
MN02R02C	10.25	16.92	MN02N02D	114.77	MN03N02D	99.41
MN03R02C	10.83	19.47	MN03N02D	99.66	MN03N03D	90.06
MN03R04C	10.58	26.20	MN03N03D	90.08	MCCOY-N	63.18
MS01R01C	12.08	66.30	MS01N01W	96.29	MS02N01P	83.96
MS09R01C	14.58	165.77	MCCOY-S	66.53	MCCOY-N	64.54
MN13R01C	11.83	5.97	MN13N01W	104.85	LP08N01W	103.12
MN15R01C	10.33	53.65	MN15N01D	136.80	MN16N01D	130.91
MN16R01C	10.17	62.54	MN16N01D	130.93	MN17N01D	125.21
MN17R01C	10.08	69.96	MN17N01D	125.22	MN18N01W	65.75
MN18R01C	10.50	264.21	MN18N01W	65.76	MCCOY-N	63.13
MN12R01C	10.25	71.09	MN12N01D	119.31	MN13N01W	104.28
MN14R01C	11.50	147.94	MN14N01D	77.09	MN18N01W	65.76
MN21R01C	11.33	70.37	MN21N01L	63.23	CORONI-S	60.68
LC08R01C	16.50	304.79	CORONI-S	63.42	CORONI-N	63.41
LC08R02C	10.08	11.16	CORONI-S	60.39	CORONI-N	59.94
LC05R01C	9.25	15.78	LC05N01P	67.18	LC05N02D	66.42
LC05R02C	11.92	14.96	LC05N02D	68.32	LC05N03D	67.65
LC05R03C	12.00	15.10	LC05N03D	67.65	LC06N01P	67.46
LP02R01C	10.00	133.08	LP02N01D	117.46	LP07N01W	96.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R02C	10.00	72.61	LP02N01D	117.46	LP07N01W	96.25
LP03R01C	12.33	16.54	LP03N01P	128.72	LP02N01D	116.72
LP04R01C	9.50	107.65	LP04N01D	120.17	LP07N01W	96.22
LP05R01C	14.75	14.01	LP05N01P	99.78	LP06N01P	98.43
LP08R01C	12.00	23.06	LP08N01W	103.15	LP08N02D	102.66
LP08R03C	12.50	23.01	LP08N02D	102.68	LP10N01D	98.20
LP07R01C	9.33	44.14	LP07N01W	96.19	LP10N02D	94.48
LP10R03C	10.08	183.34	LP10N03P	93.48	PREVATT	58.21
LC09R01C	30.25	125.40	CORONI-N	64.73	LP13N01W	63.56
LP13R01C	27.25	62.73	LP13N01W	63.62	PREVATT	60.30
LP13R02C	32.50	64.29	LP13N01W	63.52	PREVATT	60.08
CB01R01C	19.00	276.16	CARPENTR	49.97	TW	48.10
DL03R01S	15.33	33.80	DL03N01P	147.99	DL03N02D	142.52
MS02R01S	10.42	78.80	MS02N01P	84.24	MCCOY-S	64.66
MS03R01S	9.33	54.84	MS03N01P	93.37	MS04N01P	86.79
MS04R01S	12.42	55.59	MS04N01P	89.13	MS05N01P	80.01
MS05R01S	13.33	51.32	MS05N01P	79.84	MCCOY-S	66.42
PA05R01S	13.42	141.48	PA05N01P	80.73	MCCOY-N	64.29
BP01R01S	10.33	37.72	BP01N01P	142.68	BUCHAN	139.21
BP02R01S	9.50	22.53	BP02N01P	145.08	BP04N01P	142.38
BP03R01S	9.33	24.22	BP03N01P	146.53	BP04N01P	142.28
BP04R01S	10.17	78.90	BP04N01P	142.57	BUCHAN	139.10
BP05R01S	16.17	29.00	BUCHAN	140.70	MN15N01D	135.86
MN02R01S	9.25	11.27	MN02N01P	116.18	MN02N02D	114.54
MN09R01S	10.00	6.85	MN09N01P	66.04	MCCOY-N	62.79
MN10R01S	11.17	8.08	MN10N01P	65.59	MCCOY-N	63.50
MN11R01S	10.00	5.65	MN11N01P	65.66	MCCOY-N	62.79
LC01R01S	17.17	10.53	LC01N01L	84.00	CORONI-S	63.70
LC03R01S	11.58	14.35	LC03N01P	65.64	CORONI-N	60.80
LC04R01S	10.75	10.71	LC04N01P	63.14	CORONI-N	60.33
LC06R01S	10.75	33.76	LC06N01P	67.50	CORONI-N	60.33
LP09R01S	9.17	21.93	LP09N01P	99.78	LP10N01D	98.31
LP14R02S	10.33	17.58	LP14N02P	63.84	PREVATT	58.36
LP01R01X	9.92	132.00	LP01N01W	123.73	LP02N01D	117.46
MN20R01X	16.25	415.08	MCCOY-N	64.69	MN21N01L	63.83
DL01R02A	9.25	7.24	DL01N01P	148.39	DW	100.00
PA02R01A	14.58	15.80	PA02N01P	150.08	PA05N01P	80.53
MN07R01A	10.58	50.11	MN07N01P	70.25	MCCOY-N	63.18
MN08R01A	10.25	3.85	MN08N01P	72.04	MCCOY-N	62.97
LC02R01A	10.08	18.35	LC02N01P	88.35	CORONI-S	60.39

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
EXISTING CONDITIONS 100-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LC07R01A	11.00	4.40	LC07N01P	72.04	CORONI-N	60.49
MN13R01A	11.83	85.69	MN13N01W	104.85	MN14N01D	76.97
MN19R01A	12.75	6.48	MN19N01P	106.06	MCCOY-N	64.12
LP10R01A	11.42	44.00	LP10N01D	98.33	LP10N02D	94.31
LP10R02A	10.08	534.36	LP10N02D	94.60	LP10N03P	93.48
LP16R01A	20.83	248.41	PREVATT	60.47	CARPENTR	49.96

Lake McCoy, Lake Coroni, Lake Prevatt Drainage Basin Study Orange County, Florida

---

RECOMMENDED IMPROVEMENTS

adICPR ANALYSIS

Prepared By:
PEC/Professional Engineering Consultants, Inc.
200 East Robinson Street, Suite 1560
Orlando, Florida 32801

RECOMMENDED IMPROVEMENTS

HYDROGRAPHS

2.33-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	29.24	9.33	3.19	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	17.53	9.67	2.64	AREA TO WETLAND @ RHAPSODY OAKS
DL03	15.98	9.20	1.60	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	7.96	10.08	1.02	SUBDIVISION NW OF DREAM LAKE
DL05	23.94	10.20	1.20	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	18.12	9.11	1.82	PINES OF WEKIVA - POND #3
BP02	8.66	9.07	2.46	PINES OF WEKIVA - UPPER POND #2
BP03	11.68	9.07	2.82	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	18.56	9.07	2.91	PINES OF WEKIVA - LOWER POND #2
BP05	21.98	10.08	2.91	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	20.71	10.56	1.67	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	12.23	10.22	1.14	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	14.13	10.44	1.27	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	34.38	10.50	1.90	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	3.95	9.00	3.92	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	30.78	10.14	1.67	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	6.93	9.11	1.97	AREA TO POND SOUTH OF VOTAW RD
MS03	18.37	10.26	1.53	UPPER SEGMENT OF GREENWOOD GORGE
MS04	.73	10.08	.85	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	.62	10.04	1.02	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	11.36	10.50	.74	CHRISTIANA AVE DRAINAGE BASIN
MS07	7.71	9.05	1.33	VOTAW VILLAGE - SOUTH POND
MS08	3.32	10.03	1.20	VOTAW VILLAGE - NORTH POND
MS09	26.53	10.11	1.46	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	.25	9.02	1.60	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	3.44	9.07	1.60	APOPKA MIDDLE SCHOOL
MN03	1.20	10.44	.55	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	1.07	10.23	.69	LAKE MCCOY FOREST - SOUTH POND
MN05	1.17	10.22	.69	LAKE MCCOY FOREST - NORTH POND
MN06	3.14	10.27	1.02	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	5.78	11.52	.55	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	.76	10.08	.69	PINE OAKS SUBDIVISION
MN09	2.17	10.20	.55	WEKIVA LANDING SUBDIVISION
MN10	.94	11.28	.41	OAKWATER ESTATES - EAST POND
MN11	.97	10.04	.69	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	13.71	10.38	1.14	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	39.80	10.26	2.82	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	21.93	10.33	2.13	AREA NE OF SANDPIPER ST/PARK AVE
MN15	10.03	10.24	1.60	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	3.95	9.15	2.55	TO GROSSENBACHER POND @ RYAN AVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	3.62	9.07	2.73	TO GROSSENBACHER POND @ PARK AVE
MN18	16.32	10.24	1.40	AREA SE OF SANDPIPER ST/PARK AVE
MN19	10.03	9.07	2.91	MAGNOLIA OAKS SUBDIVISION
MN20	115.33	10.32	1.90	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	1.57	10.36	.69	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	3.54	12.00	.69	AREA NW OF SANDPIPER ST/USTLER RD
LC02	2.35	10.31	.59	BUTLER MANOR SUBDIVISION
LC03	2.11	11.50	.46	WEKIWA WOODS SUBDIVISION - POND #2
LC04	4.65	10.11	.90	WEKIWA WOODS SUBDIVISION - POND #1
LC05	4.90	10.16	.74	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	3.72	10.20	.69	DEER LAKE RUN SUBDIV. - POND "B"
LC07	1.27	10.04	.69	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	8.21	10.20	.74	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	19.94	10.38	1.14	NORTH LAKE CORONI DRAINAGE BASIN
LP01	38.50	10.08	2.21	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	18.48	10.12	2.46	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	15.97	9.37	3.50	TRAILER PARK WEST OF ROCK SPRINGS
LP04	38.21	9.47	3.10	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	11.86	9.24	2.73	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	15.80	9.00	3.70	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	33.29	9.02	3.30	WEKIVA PARK SUBDIV. - POND #1
LP07	24.55	11.50	2.81	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	12.39	10.24	2.55	AREA SW OF WELCH RD/USTLER RD
LP09	11.47	9.07	2.73	PARKVIEW SUBDIVISION - (APPROVED)
LP10	5.72	10.77	1.67	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50	4.50	4.50	4.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	2.71	10.04	.85	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	4.06	10.94	1.14	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	.28	11.07	.16	PARADISE ISLE DR/WELCH RD GULLY
LP14	2.78	10.19	.64	DEER LAKE RUN SUBDIV. - POND "A"
LP15	2.44	10.34	.59	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	4.50	4.50
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	53.39	11.75	.85	LAKE PREVATT DRAINAGE BASIN
CB01	4.40	14.50	.16	CARPENTER BRANCH DRAINAGE BASIN

10-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	54.33	9.20	6.07	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	35.84	9.53	5.39	AREA TO WETLAND @ RHAPSODY OAKS
DL03	40.57	9.13	3.93	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	23.44	9.15	2.96	SUBDIVISION NW OF DREAM LAKE
DL05	65.87	10.08	3.28	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	42.55	9.07	4.26	PINES OF WEKIVA - POND #3
BP02	17.74	9.02	5.16	PINES OF WEKIVA - UPPER POND #2
BP03	22.60	9.02	5.62	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	35.44	9.02	5.73	PINES OF WEKIVA - LOWER POND #2
BP05	42.93	9.66	5.73	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	50.91	10.34	4.04	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	33.86	10.02	3.17	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	38.90	10.26	3.39	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	80.23	10.27	4.37	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	6.73	8.51	6.89	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	74.04	9.53	4.04	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	15.82	9.11	4.48	AREA TO POND SOUTH OF VOTAW RD
MS03	45.92	10.11	3.82	UPPER SEGMENT OF GREENWOOD GORGE
MS04	2.31	9.12	2.65	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	1.93	9.08	2.96	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	40.65	10.33	2.45	CHRISTIANA AVE DRAINAGE BASIN
MS07	20.74	9.05	3.50	VOTAW VILLAGE - SOUTH POND
MS08	9.56	9.12	3.28	VOTAW VILLAGE - NORTH POND
MS09	66.94	9.44	3.71	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	.61	9.02	3.93	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STOPM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	8.39	9.02	3.92	APOPKA MIDDLE SCHOOL
MN03	5.16	10.22	2.05	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	3.75	10.05	2.35	LAKE MCCOY FOREST - SOUTH POND
MN05	4.07	10.05	2.35	LAKE MCCOY FOREST - NORTH POND
MN06	9.38	10.13	2.96	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	24.22	10.62	2.05	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	2.55	9.17	2.35	PINE OAKS SUBDIVISION
MN09	8.80	10.11	2.05	WEKIVA LANDING SUBDIVISION
MN10	4.75	10.36	1.76	OAKWATER ESTATES - EAST POND
MN11	3.32	9.11	2.35	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	39.70	10.24	3.17	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	78.98	10.08	5.61	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	48.84	10.33	4.70	AREA NE OF SANDPIPER ST/PARK AVE
MN15	24.60	9.96	3.93	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	8.05	9.09	5.27	TO GROSSENBACHER POND @ RYAN AVE

25-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	7.11	9.02	5.50	TO GROSSENBACHER POND @ PARK AVE
MN18	42.41	10.13	3.60	AREA SE OF SANDPIPER ST/PARK AVE
MN19	19.15	9.02	5.73	MAGNOLIA OAKS SUBDIVISION
MN20	267.87	10.13	4.37	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	5.84	10.25	2.35	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	13.02	11.25	2.35	AREA NW OF SANDPIPER ST/USTLER RD
LC02	9.29	10.20	2.15	BUTLER MANOR SUBDIVISION
LC03	9.76	10.50	1.85	WEKIWA WOODS SUBDIVISION - POND #2
LC04	13.94	9.26	2.76	WEKIWA WOODS SUBDIVISION - POND #1
LC05	16.22	10.08	2.45	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	12.86	10.03	2.35	DEER LAKE RUN SUBDIV. - POND "B"
LC07	4.34	9.11	2.35	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	28.77	10.11	2.45	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	57.74	10.24	3.17	NORTH LAKE CORONI DRAINAGE BASIN
LP01	83.40	9.96	4.81	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	38.58	9.98	5.16	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	28.89	9.37	6.43	TRAILER PARK WEST OF ROCK SPRINGS
LP04	72.67	9.33	5.97	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	23.68	9.16	5.50	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	27.26	9.00	6.66	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	60.41	9.02	6.20	WEKIVA PARK SUBDIV. - POND #1
LP07	49.27	11.25	5.61	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	25.53	10.08	5.27	AREA SW OF WELCH RD/USTLER RD
LP09	22.51	9.02	5.50	PARKVIEW SUBDIVISION - (APPROVED)
LP10	14.18	10.55	4.03	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50	7.50	7.50	7.50
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	8.73	9.11	2.65	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	11.94	10.70	3.17	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	2.55	10.03	1.12	PARADISE ISLE DR/WELCH RD GULLY
LP14	9.96	10.03	2.25	DEER LAKE RUN SUBDIV. - POND "A"
LP15	9.92	10.24	2.15	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	7.50	7.50
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	178.10	11.25	2.65	LAKE PREVATT DRAINAGE BASIN
CB01	30.90	12.25	1.12	CARPENTER BRANCH DRAINAGE BASIN

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	63.46	9.20	7.15	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	42.68	9.53	6.43	AREA TO WETLAND @ RHAPSODY OAKS
DL03	50.31	9.13	4.87	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	30.33	9.15	3.79	SUBDIVISION NW OF DREAM LAKE
DL05	82.98	9.96	4.15	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	51.95	9.07	5.23	PINES OF WEKIVA - POND #3
BP02	21.12	9.02	6.19	PINES OF WEKIVA - UPPER POND #2
BP03	26.61	9.02	6.68	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	41.61	9.02	6.80	PINES OF WEKIVA - LOWER POND #2
BP05	50.74	9.66	6.79	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	62.91	10.34	4.99	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	43.11	9.40	4.03	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	49.08	10.26	4.27	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	98.30	10.27	5.34	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	7.75	8.51	7.99	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	91.74	9.41	4.99	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	19.21	9.11	5.47	AREA TO POND SOUTH OF VOTAW RD
MS03	56.98	9.97	4.75	UPPER SEGMENT OF GREENWOOD GORGE
MS04	3.04	9.12	3.44	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	2.47	9.08	3.79	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	53.53	10.33	3.20	CHRISTIANA AVE DRAINAGE BASIN
MS07	25.97	9.02	4.39	VOTAW VILLAGE - SOUTH POND
MS08	12.13	9.12	4.15	VOTAW VILLAGE - NORTH POND
MS09	83.98	9.44	4.63	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	.75	9.02	4.87	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	10.32	9.02	4.86	APOPKA MIDDLE SCHOOL
MN03	6.96	10.22	2.74	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	4.90	10.05	3.09	LAKE MCCOY FOREST - SOUTH POND
MN05	5.31	10.05	3.09	LAKE MCCOY FOREST - NORTH POND
MN06	11.99	10.13	3.79	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	32.88	10.44	2.74	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	3.43	9.12	3.09	PINE OAKS SUBDIVISION
MN09	11.73	10.11	2.74	WEKIVA LANDING SUBDIVISION
MN10	6.56	10.23	2.40	OAKWATER ESTATES - EAST POND
MN11	4.44	9.11	3.09	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	50.54	10.24	4.02	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	93.56	10.08	6.67	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	59.23	10.14	5.70	AREA NE OF SANDPIPER ST/PARK AVE
MN15	30.43	9.81	4.86	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	9.58	9.09	6.31	TO GROSSENBACHER POND @ RYAN AVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	8.39	9.02	6.55	TO GROSSENBACHER POND @ PARK AVE
MN18	52.91	10.02	4.50	AREA SE OF SANDPIPER ST/PARK AVE
MN19	22.48	9.02	6.80	MAGNOLIA OAKS SUBDIVISION
MN20	327.47	10.13	5.35	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	7.73	10.25	3.08	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	17.35	11.25	3.08	AREA NW OF SANDPIPER ST/USTLER RD
LC02	12.36	10.20	2.85	BUTLER MANOR SUBDIVISION
LC03	13.48	10.50	2.51	WEKIWA WOODS SUBDIVISION - POND #2
LC04	18.30	9.26	3.55	WEKIWA WOODS SUBDIVISION - POND #1
LC05	21.03	9.28	3.20	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	16.78	10.03	3.09	DEER LAKE RUN SUBDIV. - POND "B"
LC07	5.80	9.11	3.09	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	37.69	10.11	3.20	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	73.52	10.24	4.02	NORTH LAKE CORONI DRAINAGE BASIN
LP01	100.73	9.71	5.82	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	46.17	9.98	6.19	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	33.59	9.37	7.52	TRAILER PARK WEST OF ROCK SPRINGS
LP04	85.38	9.33	7.04	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	28.07	9.16	6.55	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	31.48	8.53	7.75	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	70.25	9.02	7.28	WEKIVA PARK SUBDIV. - POND #1
LP07	58.54	11.25	6.67	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	30.46	9.92	6.31	AREA SW OF WELCH RD/USTLER RD
LP09	26.57	9.02	6.55	PARKVIEW SUBDIVISION - (APPROVED)
LP10	17.55	10.55	4.98	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60	8.60	8.60	8.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	11.42	9.11	3.44	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	15.27	10.70	4.02	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	3.67	10.03	1.63	PARADISE ISLE DR/WELCH RD GULLY
LP14	13.06	10.03	2.97	DEER LAKE RUN SUBDIV. - POND "A"
LP15	13.28	10.24	2.85	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	8.60	8.60
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	233.71	11.00	3.43	LAKE PREVATT DRAINAGE BASIN
CB01	46.02	12.00	1.63	CARPENTER BRANCH DRAINAGE BASIN

100-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	DL01	DL02	DL03	DL04	DL05
NODE NAME	DL01N01P	DL02N01W	DL03N01P	DREAM	DREAM
UNIT HYDROGRAPH	UH484	UH323	UH323	UH323	UH323
PEAKING FACTOR	484.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.30	34.50	44.30	34.20	100.60
CURVE NUMBER	88.00	82.00	69.00	60.00	63.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	60.00	64.00	30.00	28.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
DL01	79.95	9.20	9.11	TO POND @ OLD DIXIE AND HAWTHORNE
DL02	55.18	9.39	8.36	AREA TO WETLAND @ RHAPSODY OAKS
DL03	68.44	9.13	6.63	AREA TO SUMMIT LAKE POND(EXISTING)
DL04	43.48	9.15	5.39	SUBDIVISION NW OF DREAM LAKE
DL05	116.56	9.58	5.81	AREA DRAINING TO DREAM LAKE

BASIN NAME	BP01	BP02	BP03	BP04	BP05
NODE NAME	BP01N01P	BP02N01P	BP03N01P	BP04N01P	BUCHAN
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH256
PEAKING FACTOR	323.	323.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	40.40	14.20	16.90	26.10	43.00
CURVE NUMBER	72.00	80.00	84.00	85.00	85.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	20.00	20.00	20.00	63.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
BP01	69.23	9.07	7.04	PINES OF WEKIVA - POND #3
BP02	27.24	9.02	8.10	PINES OF WEKIVA - UPPER POND #2
BP03	33.84	9.02	8.62	APOPKA HIGH SCHOOL 9TH GRADE CENTER
BP04	52.75	9.02	8.75	PINES OF WEKIVA - LOWER POND #2
BP05	65.02	9.52	8.74	AREA DRAINING TO BUCHAN POND

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	PA01	PA02	PA03	PA04	PA05
NODE NAME	PA05N01P	PA02N01P	PA05N01P	PA05N01P	PA05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH484
PEAKING FACTOR	323.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	75.00	51.40	63.90	111.50	4.40
CURVE NUMBER	70.00	62.00	64.00	73.00	95.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	99.00	46.00	81.00	105.00	10.00
LAG TIME (hrs)	.00	.60	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
PA01	85.39	10.12	6.77	NORTHERN BASIN TO PARK AVE SYSTEM
PA02	61.41	9.30	5.67	SUMMERSET SUBDIV. - 100 YEAR POND
PA03	68.48	10.08	5.95	MIDDLE BASIN TO PARK AVE SYSTEM
PA04	131.78	10.27	7.17	SOUTHERN BASIN TO PARK AVE SYSTEM
PA05	9.60	8.51	9.98	PARK AVE POND (BY FDOT - 1979)

BASIN NAME	MS01	MS02	MS03	MS04	MS05
NODE NAME	MS01N01W	MS02N01P	MS03N01P	MS04N01P	MS05N01P
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.50	14.70	62.60	3.70	2.60
CURVE NUMBER	70.00	74.00	68.00	57.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	55.00	25.00	65.00	24.00	18.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS01	125.10	9.41	6.77	NEIGHBORHOOD SE OF PARK AVE/VOTAW
MS02	25.43	9.06	7.31	AREA TO POND SOUTH OF VOTAW RD
MS03	78.08	9.68	6.50	UPPER SEGMENT OF GREENWOOD GORGE
MS04	4.44	9.12	4.97	MIDDLE SEGMENT OF GREENWOOD GORGE
MS05	3.52	9.04	5.39	LOWER SEGMENT OF GREENWOOD GORGE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MS06	MS07	MS08	MS09	MN01
NODE NAME	MCCOY-S	MS07N01P	MS08N01P	MCCOY-S	MN01N01D
UNIT HYDROGRAPH	UH323	UH323	UH323	UH323	UH323
PEAKING FACTOR	323.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	91.10	23.10	12.10	88.20	.60
CURVE NUMBER	55.00	65.00	63.00	67.00	69.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	75.00	14.00	24.00	50.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MS06	78.70	10.17	4.69	CHRISTIANA AVE DRAINAGE BASIN
MS07	35.73	9.02	6.09	VOTAW VILLAGE - SOUTH POND
MS08	17.00	9.12	5.81	VOTAW VILLAGE - NORTH POND
MS09	116.33	9.33	6.36	SOUTH LAKE MCCOY DRAINAGE BASIN
MN01	1.01	9.00	6.63	AREA TO DREAM LAKE OUTFALL DITCH

BASIN NAME	MN02	MN03	MN04	MN05	MN06
NODE NAME	MN02N01P	MN03N01P	MCCOY-N	MCCOY-N	MCCOY-N
UNIT HYDROGRAPH	UH484	UH256	UH323	UH323	UH323
PEAKING FACTOR	484.	256.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	8.30	13.50	7.40	8.00	16.10
CURVE NUMBER	69.00	51.00	54.00	54.00	60.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	50.00	39.00	38.00	60.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN02	13.89	9.02	6.62	APOPKA MIDDLE SCHOOL
MN03	10.54	10.22	4.12	APOPKA MIDDLE SCHOOL ATHLETIC FIELD
MN04	7.26	9.27	4.55	LAKE MCCOY FOREST - SOUTH POND
MN05	7.90	9.29	4.55	LAKE MCCOY FOREST - NORTH POND
MN06	17.00	10.00	5.39	OAKS ON THE LAKE SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN07	MN08	MN09	MN10	MN11
NODE NAME	MN07N01P	MN08N01P	MN09N01P	MN10N01P	MN11N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH323
PEAKING FACTOR	256.	323.	323.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	77.60	4.70	20.00	14.00	5.90
CURVE NUMBER	51.00	54.00	51.00	48.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	81.00	24.00	41.00	59.00	20.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN07	50.42	10.44	4.12	AREA SE OF VOTAW RD/CHRISTIANA AVE
MN08	5.14	9.12	4.55	PINE OAKS SUBDIVISION
MN09	17.47	10.02	4.12	WEKIVA LANDING SUBDIVISION
MN10	10.18	10.23	3.69	OAKWATER ESTATES - EAST POND
MN11	6.63	9.07	4.55	OAKWATER ESTATES - WEST POND

BASIN NAME	MN12	MN13	MN14	MN15	MN16
NODE NAME	MN12N01D	MN13N01W	MN14N01D	MN15N01D	MN16N01D
UNIT HYDROGRAPH	UH256	UH256	UH256	UH323	UH323
PEAKING FACTOR	256.	256.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	71.70	87.90	65.20	32.50	6.60
CURVE NUMBER	62.00	84.00	76.00	69.00	81.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	64.00	81.00	83.00	64.00	29.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN12	71.24	10.10	5.66	AREA SW OF WELCH RD/ROCK SPRINGS RD
MN13	120.10	10.08	8.61	AREA SE OF WELCH RD/ROCK SPRINGS RD
MN14	78.46	10.14	7.57	AREA NE OF SANDPIPER ST/PARK AVE
MN15	41.57	9.67	6.63	NEIGHBORHOOD SOUTH OF BUCHAN POND
MN16	12.35	9.09	8.23	TO GROSSENBACHER POND @ RYAN AVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	MN17	MN18	MN19	MN20	MN21
NODE NAME	MN17N01D	MN18N01W	MN19N01P	MCCOY-N	MN21N01L
UNIT HYDROGRAPH	UH323	UH256	UH323	UH323	UH256
PEAKING FACTOR	323.	256.	323.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	5.40	61.70	14.10	346.50	13.50
CURVE NUMBER	83.00	66.00	85.00	73.00	54.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	49.00	20.00	86.00	53.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
MN17	10.71	9.02	8.49	TO GROSSENBACHER POND @ PARK AVE
MN18	72.68	10.02	6.22	AREA SE OF SANDPIPER ST/PARK AVE
MN19	28.49	9.02	8.75	MAGNOLIA OAKS SUBDIVISION
MN20	438.42	9.94	7.17	NORTH LAKE MCCOY DRAINAGE BASIN
MN21	11.44	10.13	4.54	SANDPIPER STREET DRAINAGE BASIN

BASIN NAME	LC01	LC02	LC03	LC04	LC05
NODE NAME	LC01N01L	LC02N01P	LC03N01P	LC04N01P	LC05N01P
UNIT HYDROGRAPH	UH256	UH323	UH256	UH323	UH323
PEAKING FACTOR	256.	323.	256.	323.	323.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	45.70	21.20	33.70	23.30	30.40
CURVE NUMBER	54.00	52.00	49.00	58.00	55.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	133.00	51.00	75.00	35.00	36.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC01	26.01	11.00	4.54	AREA NW OF SANDPIPER ST/USTLER RD
LC02	18.44	10.09	4.26	BUTLER MANOR SUBDIVISION
LC03	20.95	10.50	3.83	WEKIWA WOODS SUBDIVISION - POND #2
LC04	26.70	9.26	5.11	WEKIWA WOODS SUBDIVISION - POND #1
LC05	31.48	9.28	4.69	DEER LAKE RUN SUBDIV. - POND "C"

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LC06	LC07	LC08	LC09	LP01
NODE NAME	LC06N01P	LC07N01P	CORONI-S	CORONI-N	LP01N01W
UNIT HYDROGRAPH	UH323	UH323	UH256	UH256	UH256
PEAKING FACTOR	323.	323.	256.	256.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	25.20	7.70	58.60	104.30	95.10
CURVE NUMBER	54.00	54.00	55.00	62.00	77.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	37.00	20.00	41.00	64.00	56.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LC06	25.05	9.29	4.55	DEER LAKE RUN SUBDIV. - POND "B"
LC07	8.65	9.07	4.55	DEER LAKE CHASE SUBDIV. - WEST POND
LC08	54.96	10.02	4.68	SOUTH LAKE CORONI DRAINAGE BASIN
LC09	103.64	10.10	5.66	NORTH LAKE CORONI DRAINAGE BASIN
LP01	133.04	9.58	7.70	TO DEPRESSION NW OF TRAILER PARK

BASIN NAME	LP02	LP03	LP04	LP05	LP06A
NODE NAME	LP02N01D	LP03N01P	LP04N01D	LP05N01P	LP06N01P
UNIT HYDROGRAPH	UH256	UH323	UH323	UH323	UH484
PEAKING FACTOR	256.	323.	323.	323.	484.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	43.50	23.60	62.60	19.80	18.10
CURVE NUMBER	80.00	91.00	87.00	83.00	93.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	67.00	62.00	60.00	40.00	10.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP02	60.08	9.83	8.09	WEST OF ROCK SPRINGS RD @ LESTERRD
LP03	42.08	9.37	9.50	TRAILER PARK WEST OF ROCK SPRINGS
LP04	108.37	9.33	9.00	AREA NW OF WELCH RD/ROCK SPRINGS RD
LP05	36.03	9.16	8.49	WEKIVA PARK (UNDEVELOPED) - POND #2
LP06A	39.13	8.51	9.73	WEKIVA PLAZA - POND #1

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP06B	LP07	LP08	LP09	LP10
NODE NAME	LP06N01P	LP07N01W	LP08N01W	LP09N01P	LP10N02D
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	42.20	80.10	28.90	17.10	24.10
CURVE NUMBER	89.00	84.00	81.00	83.00	70.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	180.00	72.00	20.00	101.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP06B	88.02	9.02	9.25	WEKIVA PARK SUBDIV. - POND #1
LP07	75.47	11.25	8.61	WETLAND NORTH OF WEKIVA PARK DEV.
LP08	39.55	9.92	8.22	AREA SW OF WELCH RD/USTLER RD
LP09	33.90	9.02	8.49	PARKVIEW SUBDIVISION - (APPROVED)
LP10	23.86	10.32	6.76	WEKIVA GLEN SUBDIVISION/STATE PARK

BASIN NAME	LP11	LP12	LP13	LP14	LP15
NODE NAME	LP11N01L	LP13N01W	LP13N01W	LP14N01P	PREVATT
UNIT HYDROGRAPH	UH323	UH256	UH256	UH323	UH256
PEAKING FACTOR	323.	256.	256.	323.	256.
RAINFALL FILE	ORANGE	ORANGE	ORANGE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60	10.60	10.60	10.60
STORM DURATION (hrs)	24.00	24.00	24.00	24.00	24.00
AREA (ac)	13.50	26.90	9.50	20.20	24.50
CURVE NUMBER	57.00	62.00	41.00	53.00	52.00
DCIA (%)	.00	.00	.00	.00	.00
TC (mins)	20.00	107.00	15.00	35.00	49.00
LAG TIME (hrs)	.00	.00	.00	.00	.00
BASIN STATUS	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP11	16.64	9.07	4.97	LANDLOCKED LAKE IN WEKIVA GLEN SUB.
LP12	21.63	10.70	5.66	AREA SOUTH OF WELCH RD @ USTLER RD
LP13	5.91	10.00	2.70	PARADISE ISLE DR/WELCH RD GULLY
LP14	19.67	9.26	4.40	DEER LAKE RUN SUBDIV. - POND "A"
LP15	19.93	10.13	4.26	FOXBOROUGH FARMS SUBDIVISION

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - 100-YEAR/24-HOUR STORM
January 7, 1997

BASIN NAME	LP16	CB01
NODE NAME	PREVATT	CARPENTR
UNIT HYDROGRAPH	UH256	UH256
PEAKING FACTOR	256.	256.
RAINFALL FILE	ORANGE	ORANGE
RAIN AMOUNT (in)	10.60	10.60
STORM DURATION (hrs)	24.00	24.00
AREA (ac)	540.40	261.50
CURVE NUMBER	57.00	41.00
DCIA (%)	.00	.00
TC (mins)	130.00	150.00
LAG TIME (hrs)	.00	.00
BASIN STATUS	ONSITE	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
LP16	342.71	11.00	4.96	LAKE PREVATT DRAINAGE BASIN
CB01	78.71	11.75	2.69	CARPENTER BRANCH DRAINAGE BASIN

RECOMMENDED IMPROVEMENTS

NODE DATA

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

CONTROL PARAMETERS

START TIME: .00
END TIME: 60.00

TO TIME (hours)	SIMULATION INC (secs)	PRINT INC (mins)
5.00	30.00	15.00
25.00	5.00	5.00
100.00	5.00	15.00

RUNOFF HYDROGRAPH FILE: DEFAULT
OFFSITE HYDROGRAPH FILE: DEFAULT
BOUNDARY DATABASE FILE: NONE

NOTE:

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
DL01N01P	AREA	145.250	.000	.000	.000	144.000	1.180
						145.000	1.310
						146.000	1.460
						147.000	1.650
						148.000	2.390
						149.000	2.830
DL02N01W	AREA	143.980	.000	.000	.000	141.000	.070
						142.000	.250
						143.000	.690
						144.000	1.380
						145.000	2.600
						146.000	5.630
						147.000	7.970
						148.000	9.460
						149.000	10.750
DL03N01P	STRG	142.700	.000	.000	.000	142.700	.000
						144.700	6.060
						144.800	6.270
						144.900	6.480
						145.000	6.700
						146.000	13.400
						147.000	20.100
						148.000	26.820
DL03N02D	AREA	139.100	.000	.000	.000	139.100	.100
						149.800	.100
DREAM	AREA	114.500	.000	.000	.000	113.700	15.800
						114.000	16.200
						115.000	17.510
						116.000	18.930
						117.000	21.220
						118.000	22.870
						119.000	24.380
						120.000	26.000
BP01N01P	AREA	139.000	.000	.000	.000	139.000	2.070
						140.000	2.270
						141.000	2.860
						142.000	3.090
						143.000	3.320
						144.000	3.550

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
BP02N01P	AREA	143.000	.000	.000	.000	143.000	.880
						144.000	1.430
						145.000	2.010
						146.000	2.100
						147.000	2.230
BP03N01P	AREA	143.500	.000	.000	.000	143.500	1.070
						144.000	1.120
						145.000	1.230
						145.500	1.290
						145.510	1.920
						146.000	2.020
						147.000	2.220
						147.500	2.400
BP04N01P	AREA	139.000	.000	.000	.000	139.000	1.790
						140.000	2.000
						141.000	2.210
						142.000	2.420
						143.000	2.640
						144.000	2.860
BUCHAN	AREA	137.700	.000	.000	.000	135.000	11.260
						136.000	13.990
						137.000	16.160
						138.000	17.750
						139.000	19.380
						140.000	21.050
						141.000	23.500
MS01N01W	AREA	82.300	.000	.000	.000	82.300	.000
						91.000	.790
						92.000	1.220
						93.000	1.750
						94.000	2.280
						95.000	2.640
						96.000	3.060
						97.000	3.540
MS02N01P	AREA	80.000	.000	.000	.000	80.000	.460
						81.000	.580
						82.000	.710
						83.000	.850
						84.000	.980

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
MS03N01P	AREA	87.000	.000	.000	.000	86.000	.010
						87.000	.050
						88.000	.090
						89.000	.120
						90.000	.200
						91.000	.280
						92.000	.350
						93.000	.440
						94.000	.520
						95.000	.590
MS04N01P	AREA	82.500	.000	.000	.000	82.000	.010
						83.000	.070
						84.000	.200
						85.000	.340
						86.000	.400
						87.000	.480
						88.000	.550
						89.000	.620
						90.000	.690
MS05N01P	AREA	75.500	.000	.000	.000	74.000	.010
						75.000	.020
						76.000	.050
						77.000	.130
						78.000	.230
						79.000	.340
						80.000	.490
						81.000	.590
MS07N01P	AREA	62.000	.000	.000	.000	62.000	.780
						66.500	1.060
MS08N01P	AREA	61.500	.000	.000	.000	61.500	.820
						66.000	.990
MCCOY-S	AREA	62.300	.000	.000	.000	61.000	17.590
						62.000	21.700
						63.000	25.440
						64.000	28.100
						65.000	30.350
						66.000	32.560
						67.000	35.700

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
PA02N01P	AREA	143.000	.000	.000	.000	143.000	1.770
						144.000	2.370
						145.000	2.510
						146.000	2.670
						147.000	2.860
						148.000	3.060
						149.000	3.300
						150.000	3.560
PA05N01P	AREA	62.000	.000	.000	.000	61.900	3.430
						69.000	3.910
MN01N01D	AREA	114.500	.000	.000	.000	114.000	.100
						120.000	.100
MN02N01P	AREA	114.000	.000	.000	.000	114.000	.034
						114.500	.050
						114.510	.240
						115.000	.295
						116.000	.436
						117.000	.605
						118.000	.847
MN02N02D	AREA	112.240	.000	.000	.000	112.240	.100
						118.000	.100
MN03N01P	AREA	105.000	.000	.000	.000	105.000	.060
						106.000	.110
						107.000	.200
						108.000	.310
						109.000	.580
						110.000	2.580
						111.000	4.880
MN03N02D	AREA	94.230	.000	.000	.000	94.230	.100
						111.000	.100
MN03N03D	AREA	86.470	.000	.000	.000	86.470	.100
						103.000	.100
MN07N01P	AREA	68.200	.000	.000	.000	68.200	.000
						69.000	.270
						70.000	.510
						71.000	2.660
						72.000	3.230

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
MN08N01P	AREA	67.000	.000	.000	.000	67.000	.050
						72.000	.300
MN09N01P	STRG	62.000	.000	.000	.000	62.000	.000
						66.000	1.210
MN10N01P	AREA	62.500	.000	.000	.000	62.500	.320
						63.500	.390
						64.500	.480
						65.500	.570
						66.000	.630
MN11N01P	AREA	62.500	.000	.000	.000	62.500	.120
						63.000	.150
						64.000	.190
						65.000	.240
						66.000	.300
MN12N01D	AREA	119.000	.000	.000	.000	119.000	.050
						120.000	.250
						121.000	.400
						122.000	1.900
						123.000	3.400
						124.000	5.500
MN13N01W	AREA	101.500	.000	.000	.000	101.500	.000
						103.000	14.000
						104.000	16.000
						105.000	18.000
						106.000	20.000
MN14N01D	AREA	69.880	.000	.000	.000	69.000	.100
						77.000	.100
MN15N01D	AREA	133.000	.000	.000	.000	133.000	.100
						137.700	.100
MN16N01D	AREA	126.730	.000	.000	.000	126.000	.100
						133.000	.100
MN17N01D	AREA	119.400	.000	.000	.000	119.000	.100
						125.000	.100

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
MN18N01W	AREA	61.500	.000	.000	.000	61.000	.200
						63.000	.610
						64.000	.810
						65.000	3.100
						66.000	3.860
						67.000	4.800
MN19N01P	AREA	100.000	.000	.000	.000	100.000	.890
						106.000	1.790
MCCOY-N	AREA	61.500	.000	.000	.000	61.000	88.900
						62.000	97.800
						63.000	107.590
						64.000	138.180
						65.000	157.830
						66.000	167.920
MN21N01L	AREA	59.000	.000	.000	.000	58.900	.100
						61.000	.100
						62.000	.280
						63.000	1.910
						64.000	3.760
						65.000	4.730
LC01N01L	AREA	81.600	.000	.000	.000	80.000	3.740
						81.000	3.970
						82.000	4.210
						83.000	4.460
						84.000	4.730
						85.000	5.080
						86.000	5.520
						87.000	5.840
						88.000	6.220
						89.000	6.650
LC02N01P	AREA	85.000	.000	.000	.000	85.000	.000
						88.000	.376
LC03N01P	AREA	60.200	.000	.000	.000	60.200	.350
						64.000	.610

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
LC04N01P	AREA	60.400	.000	.000	.000	60.400	1.500
						64.000	2.200
LC05N01P	AREA	64.250	.000	.000	.000	64.000	.090
						65.000	.400
						66.000	.610
						67.000	.880
						68.000	1.130
						69.000	1.360
LC05N02D	AREA	64.250	.000	.000	.000	64.250	.100
						70.400	.100
LC05N03D	AREA	63.300	.000	.000	.000	63.300	.100
						70.400	.100
LC06N01P	AREA	63.000	.000	.000	.000	63.000	.960
						64.000	1.040
						65.000	1.150
						66.000	1.250
						67.500	1.370
LC07N01P	AREA	67.000	.000	.000	.000	67.000	.170
						68.000	.230
						69.000	.300
						70.000	.380
						71.000	.460
						72.000	.540
CORONI-S	AREA	59.300	.000	.000	.000	58.000	4.440
						59.000	8.500
						60.000	11.540
						61.000	14.890
						62.000	18.010
						63.000	21.390
						64.000	24.420
						65.000	29.080
						66.000	32.850
						67.000	34.690

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
CORONI-N	AREA	59.300	.000	.000	.000	58.000	26.080
						59.000	31.380
						60.000	34.840
						61.000	37.330
						62.000	40.910
						63.000	44.520
						64.000	45.970
						65.000	51.760
						66.000	54.430
						67.000	56.210
LP01N01W	AREA	121.300	.000	.000	.000	121.000	.100
						125.000	1.000
						127.000	18.000
LP02N01D	AREA	111.300	.000	.000	.000	111.000	.100
						117.500	.100
LP03N01P	AREA	126.240	.000	.000	.000	126.000	2.880
						127.000	3.270
						128.000	3.630
						129.000	5.790
LP04N01D	AREA	114.900	.000	.000	.000	114.000	.100
						120.500	.100
LP05N01P	STRG	97.500	.000	.000	.000	96.000	.000
						97.000	3.900
						98.000	8.240
						99.000	12.770
						100.000	17.550
						100.500	20.070
LP06N01P	STRG	97.500	.000	.000	.000	96.000	.000
						97.000	3.200
						98.000	6.590
						99.000	10.190
						100.000	14.000
LP07N01W	AREA	92.700	.000	.000	.000	92.700	.100
						95.900	.100
						96.000	1.000
						97.000	18.000
						98.000	19.000

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
LP08N01W	AREA	99.800	.000	.000	.000	99.000	.100
						102.900	.100
						103.000	1.400
						104.000	12.000
LP08N02D	AREA	99.050	.000	.000	.000	99.800	.100
						104.000	.100
LP09N01P	AREA	95.200	.000	.000	.000	85.200	.550
						95.200	.870
						98.000	.970
LP10N01D	AREA	95.800	.000	.000	.000	95.800	.100
						100.000	.100
LP10N02D	AREA	90.200	.000	.000	.000	90.200	.100
						100.000	.100
LP10N03P	AREA	86.800	.000	.000	.000	86.000	.010
						89.000	.110
						90.000	.270
						91.000	.450
						92.000	.710
						93.000	1.120
LP11N01L	AREA	78.100	.000	.000	.000	79.000	1.320
						80.000	1.430
						81.000	1.500
						82.000	1.720
						83.000	1.860
						84.000	2.030
						85.000	2.410
LP13N01W	AREA	57.760	.000	.000	.000	57.000	.010
						60.000	.210
						61.000	1.220
						62.000	2.350
						63.000	3.730
						64.000	5.390
						65.000	7.100
						66.000	8.240
						67.000	9.450

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AR/TM/STR (ac/hr/af)
LP14N01P	AREA	60.000	.000	.000	.000	60.000	.130
						61.000	.180
						62.000	.220
						63.000	.260
						64.000	.300
						65.000	.330
LP14N02P	AREA	60.000	.000	.000	.000	60.000	.280
						61.000	.350
						62.000	.410
						63.000	.480
						64.000	.550
						65.000	.630
PREVATT	AREA	57.100	.000	.000	.000	54.000	79.900
						55.000	89.500
						56.000	100.200
						57.000	108.600
						58.000	118.700
						59.000	131.600
						60.000	144.300
CARPENTR	AREA	45.300	.000	.000	.000	45.300	.100
						51.000	5.000
TW	TIME	48.100	.000	.000	.000	48.100	.000
						48.100	100.000
DW	TIME	100.000	.000	.000	.000	100.000	.000
						100.000	100.000

RECOMMENDED IMPROVEMENTS

REACH DATA

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : DL01R01O
FROM NODE : DL01N01P
TO NODE : DL02N01W
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 147.700 NUMBER X-Y PTS: 12.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
90.000	150.000
90.001	148.500
115.000	148.300
142.000	148.100
165.000	147.900
188.000	148.500
202.000	148.400
232.000	148.500
244.000	147.700
254.000	148.200
281.000	148.100
281.001	150.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.200	.70	7.01	7.00
.400	5.87	44.70	44.67
.500	12.72	92.63	92.50
.600	22.92	111.57	111.33
.700	34.94	129.51	129.17
.800	50.95	191.45	191.00
2.300	337.45	194.45	191.00
999.000	190708.10	194.45	191.00
1004.000	191663.20	194.45	191.00

NOTE: EXISTING DIRT ROAD OVERTOPPING

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MS03R03S
  FROM NODE        : MS03N01P
  TO NODE          : MS04N01P
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 93.600 BTM. WIDTH (ft): 22.000  LEFT SS (h/v): 2.000
     RGHT SS (h/v): 2.000   OPENING (ft): 999.000   WEIR COEF.: 2.600
        GATE COEF.: .600 NUMBER OF ELEM.: 1.000
              NOTE: UPPER GREENWOOD GORGE - WEIR FLOW

>>REACH NAME       : MS04R02S
  FROM NODE        : MS04N01P
  TO NODE          : MS05N01P
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 89.700 BTM. WIDTH (ft): 18.000  LEFT SS (h/v): 2.000
     RGHT SS (h/v): 2.000   OPENING (ft): 999.000   WEIR COEF.: 2.600
        GATE COEF.: .600 NUMBER OF ELEM.: 1.000
              NOTE: MIDDLE GREENWOOD GORGE - WEIR FLOW

>>REACH NAME       : MS05R02S
  FROM NODE        : MS05N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 79.800 BTM. WIDTH (ft): 20.000  LEFT SS (h/v): 2.000
     RGHT SS (h/v): 2.000   OPENING (ft): 999.000   WEIR COEF.: 2.600
        GATE COEF.: .600 NUMBER OF ELEM.: 1.000
              NOTE: LOWER GREENWOOD GORGE - WEIR FLOW

>>REACH NAME       : DL02R01O
  FROM NODE        : DL02N01W
  TO NODE          : DL03N01P
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 148.000 CREST LN. (ft): 200.000  OPENING (ft): 999.000
       WEIR COEF.: 2.600   GATE COEF.: .600 NUMBER OF ELEM.: 1.000
              NOTE: OVERFLOW BETWEEN WETLAND & POND

>>REACH NAME       : MS07R01S
  FROM NODE        : MS07N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 64.600 CREST LN. (ft): 2.350  OPENING (ft): 999.000
       WEIR COEF.: 3.000   GATE COEF.: .600 NUMBER OF ELEM.: 1.000
              NOTE: VOTAW VILLAGE SOUTH POND OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : MN09R02R
FROM NODE : MN09N01P
TO NODE : MCCOY-N
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 65.880 NUMBER X-Y PTS: 13.000 OPENING (ft): 999.000
WEIR COEF.: 2.800 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
.000	67.000
.001	66.620
20.000	66.330
40.000	66.110
60.000	65.960
80.000	65.890
100.000	65.880
120.000	65.940
140.000	66.070
160.000	66.270
180.000	66.550
200.000	66.890
200.001	67.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.010	.12	23.33	23.33
.060	2.06	54.29	54.29
.080	3.23	63.08	63.08
.190	11.91	94.67	94.67
.230	15.88	104.00	104.00
.390	34.96	134.55	134.55
.450	43.33	144.29	144.29
.670	78.47	175.18	175.17
.740	91.04	184.13	184.12
1.010	142.90	200.28	200.00
1.120	164.90	200.50	200.00
999.000	199741.90	200.50	200.00
1004.000	200741.90	200.50	200.00

NOTE: WEKIVA LANDING - ROAD OVERTOPPING

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : MN21R02R
FROM NODE : MN21N01L
TO NODE : CORONI-S
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 63.506 NUMBER X-Y PTS: 13.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
-75.000	65.000
-74.990	63.687
-50.000	63.677
-25.000	63.667
.000	63.654
25.000	63.587
50.000	63.520
75.000	63.506
100.000	63.559
125.000	63.615
150.000	63.736
175.000	63.900
175.010	65.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.014	.22	31.60	31.60
.053	2.10	64.55	64.55
.081	4.23	87.50	87.50
.109	7.00	110.45	110.45
.148	11.74	133.06	133.06
.161	13.65	160.74	160.74
.171	15.40	187.81	187.81
.181	17.41	214.87	214.87
.230	28.19	225.04	224.99
.394	67.14	250.21	249.99
1.494	342.14	252.41	250.01
999.000	249728.60	252.41	250.01
1004.000	250978.70	252.41	250.01

NOTE: SANDPIPER STREET OVERTOPPING

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MS08R01S
  FROM NODE        : MS08N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  64.300  CREST LN. (ft):    .900    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: VOTAW VILLAGE NORTH POND OUTFALL

>>REACH NAME       : MN03R03S
  FROM NODE        : MN03N01P
  TO NODE          : MN03N03D
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 105.950 BTM. WIDTH (ft):   5.200   LEFT SS (h/v):   4.800
     RGHT SS (h/v):   4.800    OPENING (ft): 999.000      WEIR COEF.:   2.800
        GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: ATHLETIC FIELD OVERFLOW WEIR

>>REACH NAME       : LP06R01S
  FROM NODE        : LP06N01P
  TO NODE          : LP07N01W
  REACH TYPE       : TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  97.500 BTM. WIDTH (ft):  12.000   LEFT SS (h/v):   1.000
     RGHT SS (h/v):   1.000    OPENING (ft): 999.000      WEIR COEF.:   2.600
        GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: OUTFALL FROM WEKIVA PARK POND
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : DL05R02R
FROM NODE : DREAM
TO NODE : MCCOY-N
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 118.110 NUMBER X-Y PTS: 7.000 OPENING (ft): 999.000
WEIR COEF.: 2.800 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
6900.000	118.380
6950.000	118.210
7000.000	118.130
7050.000	118.110
7100.000	118.180
7150.000	118.310
7200.000	118.530

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.020	.64	64.29	64.29
.070	5.53	131.25	131.25
.100	9.92	161.54	161.54
.200	29.47	229.41	229.41
.270	46.81	265.91	265.91
.420	89.25	300.00	300.00
999.000	299663.30	300.00	300.00
1004.000	301163.30	300.00	300.00

NOTE: PARK AVE OVERTOPPING DOWN VOTAW RD

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP07R02R
FROM NODE : LP07N01W
TO NODE : LP10N02D
REACH TYPE : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
CREST EL. (ft): 94.900 NUMBER X-Y PTS: 14.000 OPENING (ft): 999.000
WEIR COEF.: 2.600 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

X-VAL (ft)	Y-VAL (ft)
-45.000	98.000
-44.999	96.600
-30.000	96.000
-15.000	95.200
.000	95.600
15.000	95.200
30.000	94.900
45.000	94.899
60.000	94.900
75.000	95.400
90.000	95.399
105.000	95.500
120.000	96.200
120.001	98.000

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)
.000	.00	.00	.00
.001	.01	30.00	30.00
.301	12.62	54.01	54.00
.500	25.81	78.65	78.63
.501	25.90	93.92	93.90
.601	36.50	118.15	118.12
.701	48.89	129.68	129.64
1.101	103.96	145.77	145.71
1.301	134.03	155.06	155.00
1.701	198.03	165.47	165.00
3.101	429.03	168.27	165.00
999.000	164753.40	168.27	165.00
1004.000	165578.40	168.27	165.00

NOTE: DIRT ROAD OVERFLOW TO WEKIVA GLEN

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN03R01S
  FROM NODE        : MN03N01P
  TO NODE          : MN03N02D
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 105.940  CREST LN. (ft):   3.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: ATHLETIC FIELD OVERFLOW TO INLET

>>REACH NAME       : MN13R02O
  FROM NODE        : MN13N01W
  TO NODE          : LP08N01W
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 104.700  CREST LN. (ft): 300.000    OPENING (ft): 999.000
        WEIR COEF.:   2.600      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
              NOTE: WETLAND OVERFLOW SOUTH OF WELCH RD

>>REACH NAME       : LP10R04R
  FROM NODE        : LP10N03P
  TO NODE          : PREVATT
  REACH TYPE       : IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  92.600  NUMBER X-Y PTS:   6.000    OPENING (ft): 999.000
        WEIR COEF.:   2.800      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

                    X-VAL (ft) Y-VAL (ft)
                     -150.000     95.000
                     -149.999     93.770
                         .000     92.600
                       72.000     92.760
                      115.000     93.000
                      115.001     95.000

                    DEPTH (ft)  AREA (sf) PERIM (ft) TOPWD (ft)
                          .000        .00        .00        .00
                          .160       7.40      92.51      92.51
                          .400      38.46     166.28     166.28
                         1.170     204.50     265.78     265.00
                         2.400     530.45     268.24     265.00
                       999.000  264630.40     268.24     265.00
                      1004.000  265955.40     268.24     265.00

              NOTE: ROADWAY OVERTOPPING IN WEKIVA GLEN
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP08R02R
  FROM NODE        : LP08N01W
  TO NODE          : LP13N01W
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft): 102.500  CREST LN. (ft):  30.000    OPENING (ft): 999.000
       WEIR COEF.:   2.800      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
             NOTE: OVERTOPPING OF USTLER RDTO EAST

>>REACH NAME       : LP14R01S
  FROM NODE        : LP14N01P
  TO NODE          : LP14N02P
  REACH TYPE       : RECTANGULAR WEIR/GATE/ORIFICE, VILLEMONTE EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
    CREST EL. (ft):  64.090  CREST LN. (ft):  25.000    OPENING (ft): 999.000
       WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
             NOTE: DEER LAKE RUN - UPPER POND "A" WEIR

>>REACH NAME       : PA02R03O
  FROM NODE        : PA05N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : CIRCULAR WEIR/GATE/ORIFICE, MAVIS EQ.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
   INVERT EL. (ft):  62.000      SPAN (ins):   6.000      RISE (ins):   6.000
       WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000
             NOTE: PROPOSED DRAWDOWN ORIFICE
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : DL03R02C
  FROM NODE        : DL03N02D
  TO NODE          : DREAM
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):1048.000
   U/S INVERT (ft): 139.100 D/S INVERT (ft): 117.000       MANNING N:     .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: SUMMIT LAKE OUTFALL TO DREAM LAKE

>>REACH NAME       : DL05R01C
  FROM NODE        : DREAM
  TO NODE          : MN01N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  99.000
   U/S INVERT (ft): 113.720 D/S INVERT (ft): 113.740       MANNING N:     .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE OUTFALL UNDER PARK AVE.
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN01R01C
  FROM NODE        : MN01N01D
  TO NODE          : MN02N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 220.000
   U/S INVERT (ft): 113.000 D/S INVERT (ft): 112.240       MANNING N:    .013
       ENTRNC LOSS:   1.300   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE OUTFALL EAST OF PARK AVE

>>REACH NAME       : MN02R02C
  FROM NODE        : MN02N02D
  TO NODE          : MN03N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 880.000
   U/S INVERT (ft): 112.240 D/S INVERT (ft):  96.250       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE/APOPKA MIDDLE OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN03R02C
  FROM NODE        : MN03N02D
  TO NODE          : MN03N03D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 120.000
   U/S INVERT (ft):  94.230 D/S INVERT (ft):  93.940       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE/APOPKA MIDDLE OUTFALL

>>REACH NAME       : MN03R04C
  FROM NODE        : MN03N03D
  TO NODE          : MCCOY-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  60.000
   U/S INVERT (ft):  86.470 D/S INVERT (ft):  81.880       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DREAM LAKE/APOPKA MIDDLE OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MS01R01C
  FROM NODE        : MS01N01W
  TO NODE          : MS02N01P
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft): 305.000
   U/S INVERT (ft):  82.320 D/S INVERT (ft):  80.200       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: WETLAND OUTFALL E. END OF MYRTLE ST

>>REACH NAME       : MS09R01C
  FROM NODE        : MCCOY-S
  TO NODE          : MCCOY-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft): 228.000
   U/S INVERT (ft):  61.840 D/S INVERT (ft):  61.100       MANNING N:    .013
       ENTRNC LOSS:   2.100   # OF CULVERTS:   1.000

  POSITION A       : TRAPEZOIDAL ROADWAY/BERM WEIR
    CREST EL. (ft):  65.900 BOT. WIDTH (ft):    .000  LEFT SS (h/v): 108.000
    RGHT SS (h/v): 208.000      WEIR COEF.:   2.800       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):******** CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********       RESERVED:********       RESERVED:********

              NOTE: LAKE MCCOY INTERCONNECT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN13R01C
  FROM NODE        : MN13N01W
  TO NODE          : LP08N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  18.000       RISE (in):  18.000     LENGTH (ft):  32.000
   U/S INVERT (ft): 102.970 D/S INVERT (ft): 103.030       MANNING N:    .024
       ENTRNC LOSS:    .700   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: SIDE DRAIN SOUTH OF WELCH RD

>>REACH NAME       : MN15R01C
  FROM NODE        : MN15N01D
  TO NODE          : MN16N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  42.000       RISE (in):  42.000     LENGTH (ft): 392.000
   U/S INVERT (ft): 133.000 D/S INVERT (ft): 126.730       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL (GROSSENBACHER)
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN16R01C
  FROM NODE        : MN16N01D
  TO NODE          : MN17N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  42.000       RISE (in):  42.000     LENGTH (ft): 743.000
   U/S INVERT (ft): 126.730 D/S INVERT (ft): 119.300       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL (GROSSENBACHER)

>>REACH NAME       : MN17R01C
  FROM NODE        : MN17N01D
  TO NODE          : MN18N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  79.000
   U/S INVERT (ft): 119.420 D/S INVERT (ft): 119.220       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL (UNDER PARK AV)
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN18R01C
  FROM NODE        : MN18N01W
  TO NODE          : MCCOY-N
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  60.000       RISE (in):  36.000     LENGTH (ft):  82.000
   U/S INVERT (ft):  60.690 D/S INVERT (ft):  60.520      MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 65.300  CREST LN. (ft): 200.000      WEIR COEF.:   2.800
        RESERVED:********       RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
        RESERVED:********       RESERVED:********       RESERVED:********

              NOTE: CROSS CULVERT UNDER USTLER RD

>>REACH NAME       : MN12R01C
  FROM NODE        : MN12N01D
  TO NODE          : MN13N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft): 120.000
   U/S INVERT (ft): 116.110 D/S INVERT (ft): 115.430      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: ROCK SPRINGS RD. CROSS CULVERTS
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN14R01C
  FROM NODE        : MN14N01D
  TO NODE          : MN18N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  48.000       RISE (in):  48.000     LENGTH (ft):  59.000
   U/S INVERT (ft):  69.880 D/S INVERT (ft):  69.310      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

               NOTE: CROSS CULVERT UNDER SANDPIPER ST

>>REACH NAME       : LC08R01C
  FROM NODE        : CORONI-S
  TO NODE          : CORONI-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  50.000
   U/S INVERT (ft):  57.150 D/S INVERT (ft):  56.870      MANNING N:    .015
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):  60.300  CREST LN. (ft): 500.000    WEIR COEF.:   2.600
         RESERVED:********        RESERVED:********      RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):******** CREST LN. (ft):********    WEIR COEF.:********
         RESERVED:********        RESERVED:********      RESERVED:********

               NOTE: CULVERT UNDER GAS EASEMENT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC08R02C
  FROM NODE        : CORONI-S
  TO NODE          : CORONI-N
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  50.000
   U/S INVERT (ft): 57.250 D/S INVERT (ft):  57.140       MANNING N:    .015
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: CULVERT UNDER GAS EASEMENT

>>REACH NAME       : LC05R01C
  FROM NODE        : LC05N01P
  TO NODE          : LC05N02D
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  38.000       RISE (in):  24.000     LENGTH (ft): 293.000
   U/S INVERT (ft): 64.000 D/S INVERT (ft):  64.250       MANNING N:    .013
       ENTRNC LOSS:   1.400   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: DEER LAKE RUN POND "C" OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC05R02C
  FROM NODE        : LC05N02D
  TO NODE          : LC05N03D
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY.
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  38.000       RISE (in):  24.000     LENGTH (ft): 312.000
   U/S INVERT (ft):  64.250 D/S INVERT (ft):  64.130       MANNING N:    .013
       ENTRNC LOSS:   1.100   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

                NOTE: DEER LAKE RUN POND "C" OUTFALL

>>REACH NAME       : LC05R03C
  FROM NODE        : LC05N03D
  TO NODE          : LC06N01P
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  53.000       RISE (in):  34.000     LENGTH (ft): 488.000
   U/S INVERT (ft):  63.300 D/S INVERT (ft):  63.000       MANNING N:    .013
       ENTRNC LOSS:   1.600   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

                NOTE: DEER LAKE RUN POND "C" OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP02R01C
  FROM NODE        : LP02N01D
  TO NODE          : LP07N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  97.000
   U/S INVERT (ft): 111.520 D/S INVERT (ft): 111.420      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 117.220  CREST LN. (ft): 200.000     WEIR COEF.:   2.800
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: ROCK SPRINGS RD. CROSS CULVERT

>>REACH NAME       : LP02R02C
  FROM NODE        : LP02N01D
  TO NODE          : LP07N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  97.000
   U/S INVERT (ft): 111.280 D/S INVERT (ft): 110.980      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: ROCK SPRINGS RD. CROSS CULVERT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP03R01C
  FROM NODE        : LP03N01P
  TO NODE          : LP02N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  35.000
   U/S INVERT (ft): 125.740 D/S INVERT (ft): 125.730      MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 128.900  CREST LN. (ft): 100.000     WEIR COEF.:   2.600
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: TRAILER PARK POND OUTFALL PIPE

>>REACH NAME       : LP04R01C
  FROM NODE        : LP04N01D
  TO NODE          : LP07N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  85.000
   U/S INVERT (ft): 114.940 D/S INVERT (ft): 114.260      MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft): 120.000  CREST LN. (ft): 200.000     WEIR COEF.:   2.800
         RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
         RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: ROCK SPRINGS RD. CROSS CULVERT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP05R01C
  FROM NODE        : LP05N01P
  TO NODE          : LP06N01P
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 215.000
   U/S INVERT (ft): 94.000 D/S INVERT (ft):  94.000       MANNING N:    .013
       ENTRNC LOSS:    .700   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: EQUALIZER BETWEEN WEKIVA PARK PONDS

>>REACH NAME       : LP08R01C
  FROM NODE        : LP08N01W
  TO NODE          : LP08N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  66.000
   U/S INVERT (ft): 99.130 D/S INVERT (ft):  99.840       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):9999.000  CREST LN. (ft):    .000     WEIR COEF.:   2.800
          RESERVED:********        RESERVED:********       RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********     WEIR COEF.:********
          RESERVED:********        RESERVED:********       RESERVED:********

              NOTE: CROSS CULVERTS UNDER WELCH RD
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LP08R03C
  FROM NODE        : LP08N02D
  TO NODE          : LP10N01D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):1170.000
   U/S INVERT (ft):  99.050 D/S INVERT (ft):  96.000      MANNING N:     .013
       ENTRNC LOSS:   2.500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: WELCH ROAD OUTFALL THRU WEKIVA PARK

>>REACH NAME       : LP07R01C
  FROM NODE        : LP07N01W
  TO NODE          : LP10N02D
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  40.000
   U/S INVERT (ft):  92.800 D/S INVERT (ft):  92.660      MANNING N:     .015
       ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):9999.000  CREST LN. (ft):    .000    WEIR COEF.:   2.600
          RESERVED:********        RESERVED:********      RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********    WEIR COEF.:********
          RESERVED:********        RESERVED:********      RESERVED:********

              NOTE: WETLAND OUTFALL TO WEKIVA GLEN
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : LP10R03C
  FROM NODE        : LP10N03P
  TO NODE          : PREVATT
  REACH TYPE       : CULVERT, ELLIPTICAL w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  38.000       RISE (in):  24.000     LENGTH (ft): 100.000
   U/S INVERT (ft):  86.890 D/S INVERT (ft):  86.150       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   3.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):9999.000  CREST LN. (ft):    .000      WEIR COEF.:   2.800
         RESERVED:********        RESERVED:********        RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********      WEIR COEF.:********
         RESERVED:********        RESERVED:********        RESERVED:********

              NOTE: OUTFALL THRU WEKIVA GLENSUBDIV.

>>REACH NAME       : LC09R01C
  FROM NODE        : CORONI-N
  TO NODE          : LP13N01W
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  60.000       RISE (in):  60.000     LENGTH (ft):  88.000
   U/S INVERT (ft):  58.660 D/S INVERT (ft):  58.780       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: PARADISE ISLE DR. CROSS CULVERT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP13R01C
  FROM NODE        : LP13N01W
  TO NODE          : PREVATT
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft): 130.000
   U/S INVERT (ft): 57.780 D/S INVERT (ft):  57.570       MANNING N:    .013
       ENTRNC LOSS:    .700   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: CROSS CULVERT UNDER WELCH RD

>>REACH NAME       : LP13R02C
  FROM NODE        : LP13N01W
  TO NODE          : PREVATT
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft): 130.000
   U/S INVERT (ft): 57.760 D/S INVERT (ft):  57.260       MANNING N:    .013
       ENTRNC LOSS:    .700   # OF CULVERTS:   1.000

  POSITION A       : NOT USED

  POSITION B       : NOT USED

              NOTE: CROSS CULVERT UNDER WELCH RD
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : CB01R01C
  FROM NODE        : CARPENTR
  TO NODE          : TW
  REACH TYPE       : CULVERT, CIRCULAR w/ ROADWAY
  FLOW DIRECTION   : POSITIVE FLOW DIRECTION ONLY
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000      RISE (in):  36.000    LENGTH (ft):  20.000
   U/S INVERT (ft):  45.480 D/S INVERT (ft):  45.100     MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   2.000

  POSITION A       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):  49.500  CREST LN. (ft): 200.000    WEIR COEF.:   2.600
          RESERVED:********        RESERVED:********      RESERVED:********

  POSITION B       : RECTANGULAR ROADWAY/BERM WEIR
    CREST EL. (ft):********  CREST LN. (ft):********    WEIR COEF.:********
          RESERVED:********        RESERVED:********      RESERVED:********
```

NOTE: CROSS CULVERTS UNDER OLD TRAM BED

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : DL03R01S
  FROM NODE        : DL03N01P
  TO NODE          : DL03N02D
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft): 672.000
   U/S INVERT (ft): 142.000 D/S INVERT (ft): 139.100       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 144.500  CREST LN. (ft):   1.700    OPENING (ft):   2.500
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 147.000  CREST LN. (ft):  12.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: SUMMIT LAKE OUTFALL TO DREAM LAKE

>>REACH NAME       : MS02R01S
  FROM NODE        : MS02N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  40.000
   U/S INVERT (ft):  75.000 D/S INVERT (ft):  75.000       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  80.000  CREST LN. (ft):   4.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: POND OUTFALL SOUTH OF VOTAW RD
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MS03R01S
  FROM NODE        : MS03N01P
  TO NODE          : MS04N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):  58.000
   U/S INVERT (ft):  83.500 D/S INVERT (ft):  83.400       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  87.000  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: UPPER GREENWOOD GORGE - PIPE FLOW

>>REACH NAME       : MS04R01S
  FROM NODE        : MS04N01P
  TO NODE          : MS05N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):  65.000
   U/S INVERT (ft):  79.500 D/S INVERT (ft):  79.400       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  82.500  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: MIDDLE GREENWOOD GORGE - PIPE FLOW
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MS05R01S
  FROM NODE        : MS05N01P
  TO NODE          : MCCOY-S
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft):  46.000
   U/S INVERT (ft):  72.100 D/S INVERT (ft):  72.000       MANNING N:    .024
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  75.500  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: LOWER GREENWOOD GORGE - PIPE FLOW

>>REACH NAME       : PA05R01S
  FROM NODE        : PA05N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  42.000       RISE (in):  42.000     LENGTH (ft): 315.000
   U/S INVERT (ft):  61.900 D/S INVERT (ft):  60.100       MANNING N:    .013
       ENTRNC LOSS:   1.700   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  67.000  CREST LN. (ft):  21.800    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  65.000  CREST LN. (ft):  14.580    OPENING (ft):   2.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: PARK AVE (FDOT) POND OUTFALL(REV)
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : PA05R02S
  FROM NODE        : PA05N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  48.000       RISE (in):  48.000     LENGTH (ft):  50.000
   U/S INVERT (ft):  62.000 D/S INVERT (ft):  60.100       MANNING N:    .013
      ENTRNC LOSS:   1.700   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  67.000  CREST LN. (ft):  19.170    OPENING (ft): 999.000
       WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  65.000  CREST LN. (ft):  12.580    OPENING (ft):   2.000
       WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: PROPOSED POND OUTFALL (AUXILLARY)

>>REACH NAME       : BP01R01S
  FROM NODE        : BP01N01P
  TO NODE          : BUCHAN
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft): 130.000
   U/S INVERT (ft): 137.000 D/S INVERT (ft): 136.670       MANNING N:    .013
      ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 139.850  CREST LN. (ft):   2.750    OPENING (ft):   3.150
       WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 143.000  CREST LN. (ft):  15.000    OPENING (ft): 999.000
       WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: PINES OF WEKIVA - POND 3 OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : BP02R01S
  FROM NODE        : BP02N01P
  TO NODE          : BP04N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  80.000
   U/S INVERT (ft): 141.600 D/S INVERT (ft): 139.000       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 144.250  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PINES OF WEK - UPPER POND 2 OUTFALL

>>REACH NAME       : BP03R01S
  FROM NODE        : BP03N01P
  TO NODE          : BP04N01P
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft): 774.000
   U/S INVERT (ft): 138.540 D/S INVERT (ft): 137.000       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 145.500  CREST LN. (ft):   8.000    OPENING (ft):   1.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: APOPKA HIGH - 9TH GRADEOUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : BP04R01S
  FROM NODE        : BP04N01P
  TO NODE          : BUCHAN
  REACH TYPE       : DROP STRUCTURE w/ ELLP. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  60.000       RISE (in):  38.000     LENGTH (ft): 140.000
   U/S INVERT (ft): 137.000 D/S INVERT (ft): 136.650       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 139.750  CREST LN. (ft):   6.170    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PINES OF WEK - LOWER POND 2 OUTFALL

>>REACH NAME       : BP05R01S
  FROM NODE        : BUCHAN
  TO NODE          : MN15N01D
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  30.000     LENGTH (ft): 315.000
   U/S INVERT (ft): 136.720 D/S INVERT (ft): 133.000       MANNING N:    .013
       ENTRNC LOSS:   1.100   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 137.160  CREST LN. (ft):   4.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: BUCHAN POND OUTFALL
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME       : MN02R01S
  FROM NODE        : MN02N01P
  TO NODE          : MN02N02D
  REACH TYPE       : DROP STRUCTURE w/ ELLP. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  30.000       RISE (in):  19.000     LENGTH (ft):  42.000
   U/S INVERT (ft): 112.500 D/S INVERT (ft): 112.240       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 114.200  CREST LN. (ft):   1.500    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

               NOTE: APOPKA MIDDLE SCHOOL CONTROL STR.

>>REACH NAME       : MN09R01S
  FROM NODE        : MN09N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft): 100.000
   U/S INVERT (ft):  63.250 D/S INVERT (ft):  63.000       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  65.000  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

               NOTE: WEKIVA LANDING POND OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN10R01S
  FROM NODE        : MN10N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft): 278.000
   U/S INVERT (ft):  62.500 D/S INVERT (ft):  58.730       MANNING N:    .013
      ENTRNC LOSS:   1.000   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  64.400  CREST LN. (ft):   2.000    OPENING (ft):   1.100
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  65.500  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: OAKWATER ESTATES POND #2 OUTFALL

>>REACH NAME       : MN11R01S
  FROM NODE        : MN11N01P
  TO NODE          : MCCOY-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft): 258.000
   U/S INVERT (ft):  62.500 D/S INVERT (ft):  59.000       MANNING N:    .013
      ENTRNC LOSS:   1.000   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  64.200  CREST LN. (ft):   1.000    OPENING (ft):    .750
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  65.500  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: OAKWATER ESTATES POND #1 OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : MN21R01S
  FROM NODE        : MN21N01L
  TO NODE          : CORONI-S
  REACH TYPE       : DROP STRUCTURE w/ ELLP. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  45.000       RISE (in):  29.000     LENGTH (ft):  49.000
   U/S INVERT (ft): 58.920 D/S INVERT (ft):  58.730       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   3.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 61.000  CREST LN. (ft):  22.000    OPENING (ft): 999.000
       WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PROPOSED CONTROL STRUCTURE

>>REACH NAME       : MN21R02S
  FROM NODE        : MN21N01L
  TO NODE          : CORONI-S
  REACH TYPE       : DROP STRUCTURE w/ ELLP. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  23.000       RISE (in):  14.000     LENGTH (ft):  79.000
   U/S INVERT (ft): 59.380 D/S INVERT (ft):  59.040       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 61.020  CREST LN. (ft):   7.750    OPENING (ft): 999.000
       WEIR COEF.:   3.000      GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PROPOSED POND OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC01R01S
  FROM NODE        : LC01N01L
  TO NODE          : CORONI-S
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft):  78.000
   U/S INVERT (ft): 80.660 D/S INVERT (ft):  78.880       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 83.280  CREST LN. (ft):   7.600    OPENING (ft): 999.000
        WEIR COEF.:  3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: OUTFALL UNDER USTLER RD

>>REACH NAME       : LC03R01S
  FROM NODE        : LC03N01P
  TO NODE          : CORONI-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft):  32.000
   U/S INVERT (ft): 59.000 D/S INVERT (ft):  58.400       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 63.000  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:  3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: WEKIWA WOODS POND 2 OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LC04R01S
  FROM NODE        : LC04N01P
  TO NODE          : CORONI-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  15.000       RISE (in):  15.000     LENGTH (ft):  30.000
   U/S INVERT (ft):  59.010 D/S INVERT (ft):  58.450       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  62.520  CREST LN. (ft):  10.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: WEKIWA WOODS POND 1 OUTFALL

>>REACH NAME       : LC06R01S
  FROM NODE        : LC06N01P
  TO NODE          : CORONI-N
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  36.000       RISE (in):  36.000     LENGTH (ft):  45.000
   U/S INVERT (ft):  61.030 D/S INVERT (ft):  61.000       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  56.000  CREST LN. (ft):   5.000    OPENING (ft):   1.250
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft):  67.250  CREST LN. (ft):  15.000    OPENING (ft): 999.000
        WEIR COEF.:   3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: DEER LAKE RUN POND "B" OUTFALL
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

```
>>REACH NAME       : LP09R01S
  FROM NODE        : LP09N01P
  TO NODE          : LP10N01D
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  30.000
   U/S INVERT (ft): 95.200 D/S INVERT (ft):  95.200       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 98.360  CREST LN. (ft):  30.000    OPENING (ft): 999.000
        WEIR COEF.:  3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : NOT USED

              NOTE: PARKVIEW POND OUTFALL

>>REACH NAME       : LP14R02S
  FROM NODE        : LP14N02P
  TO NODE          : PREVATT
  REACH TYPE       : DROP STRUCTURE w/ CIRC. CULVERT
  FLOW DIRECTION   : POSITIVE AND NEGATIVE FLOWS ALLOWED
  TURBO SWITCH     : OFF

  CULVERT DATA     :
        SPAN (in):  24.000       RISE (in):  24.000     LENGTH (ft):  40.000
   U/S INVERT (ft): 59.050 D/S INVERT (ft):  59.000       MANNING N:    .013
       ENTRNC LOSS:    .500   # OF CULVERTS:   1.000

  POSITION A       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 61.480  CREST LN. (ft):   1.000    OPENING (ft):   2.020
        WEIR COEF.:  3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

  POSITION B       : RECTANGULAR RISER SLOT
    CREST EL. (ft): 63.500  CREST LN. (ft):  14.000    OPENING (ft): 999.000
        WEIR COEF.:  3.000       GATE COEF.:    .600 NUMBER OF ELEM.:   1.000

              NOTE: DEER LAKE RUN LOWER POND "A" STRUCT
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP01R01X
FROM NODE : LP01N01W
TO NODE : LP02N01D
REACH TYPE : TRAPEZOIDAL CHANNEL, MOMENTUM EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
OUTLET CONTROL : FREE
BOT. WIDTH (ft): 3.000 LEFT SS (h/v): 1.000 RGHT SS (h/v): 1.000
LENGTH (ft):1672.000 U/S INVERT (ft): 121.300 D/S INVERT (ft): 111.300
MANNING N: .035 MAX. DEPTH (ft): 5.000

NOTE: DITCH PARALLEL TO LESTER RD.

>>REACH NAME : MN20R01X
FROM NODE : MCCOY-N
TO NODE : MN21N01L
REACH TYPE : IRREGULAR SECTION CHANNEL, MOMENTUM EQ.
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
OUTLET CONTROL : FREE
LENGTH (ft): 100.000 U/S INVERT (ft): 60.300 D/S INVERT (ft): 60.200
MAX. DEPTH (ft): 5.000

X-VAL (ft)	Y-VAL (ft)	N-VAL
-30.000	67.000	.100
-29.999	63.000	.100
-5.000	62.700	.100
.000	60.300	.040
5.000	61.700	.040
30.000	62.700	.100
30.001	67.000	.100

DEPTH (ft)	AREA (sf)	PERIM (ft)	TOPWD (ft)	CONVEYANCE
.000	.00	.00	.00	.0
1.400	5.54	8.43	7.92	155.7
2.400	27.00	35.76	35.00	775.0
2.700	41.25	61.06	60.00	1169.9
5.000	179.25	65.66	60.00	7496.0
6.700	281.25	65.66	60.00	15039.8
11.700	581.26	65.66	60.00	48172.4

NOTE: OUTFALL DITCH NORTH TO SANDPIPER ST

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME      : DL01R02A
  FROM NODE       : DL01N01P
  TO NODE         : DW
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                       114.750            .000
                       145.250           2.700
                       145.750           3.800
                       146.250           4.600
                       146.750           5.300
                       147.250           6.000
                       147.750           6.500
                       148.250           7.100
                       148.750           7.600
                       149.750           8.400

               NOTE: DRAINWELL ON USTLER POND

>>REACH NAME      : PA02R01A
  FROM NODE       : PA02N01P
  TO NODE         : PA05N01P
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                       150.000            .000
                       150.500         100.000

               NOTE: SUMMERSET POND OVERTOPPING

>>REACH NAME      : MN07R01A
  FROM NODE       : MN07N01P
  TO NODE         : MCCOY-N
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                        70.000            .000
                        70.500         100.000

               NOTE: OVERTOPPING OF DEPRESSIONAL AREA

>>REACH NAME      : MN08R01A
  FROM NODE       : MN08N01P
  TO NODE         : MCCOY-N
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                        72.000            .000
                        72.500          50.000

               NOTE: PINE OAKS POND OVERTOPPING
```

```
Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME      : LC02R01A
  FROM NODE       : LC02N01P
  TO NODE         : CORONI-S
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                        87.800            .000
                        89.000          40.000

               NOTE: BUTLER MANOR POND DISCHARGE

>>REACH NAME      : LC07R01A
  FROM NODE       : LC07N01P
  TO NODE         : CORONI-N
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                        72.000            .000
                        72.500          50.000

               NOTE: DEER LAKE CHASE POND OVERTOPPING

>>REACH NAME      : MN13R01A
  FROM NODE       : MN13N01W
  TO NODE         : MN14N01D
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                       101.500            .000
                       102.900          10.000
                       103.420          20.000
                       103.800          30.000
                       104.130          40.000
                       104.360          50.000
                       104.540          60.000
                       104.800          80.000
                       104.980         100.000
                       105.140         120.000

               NOTE: WETLAND OUTFALL DITCH RATING CURVE

>>REACH NAME      : MN19R01A
  FROM NODE       : MN19N01P
  TO NODE         : MCCOY-N
  REACH TYPE      : SINGLE STAGE-DISCHARGE RATING CURVE
                    STAGE (ft) DISCHARGE (cfs)
                       106.000            .000
                       106.500          50.000

               NOTE: MAGNOLIA OAKS POND OVERTOPPING
```

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP10R01A
FROM NODE : LP10N01D
TO NODE : LP10N02D
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
95.800	.000
97.290	10.000
97.700	20.000
98.000	30.000
98.250	40.000
98.460	50.000
98.640	60.000
98.810	70.000
98.970	80.000
99.110	90.000

NOTE: PARKVIEW CHANNEL RATING CURVE

>>REACH NAME : LP10R02A
FROM NODE : LP10N02D
TO NODE : LP10N03P
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
90.200	.000
91.430	35.000
92.050	70.000
92.500	105.000
92.800	140.000
93.150	175.000
93.380	210.000
93.700	280.000
94.100	385.000
94.570	525.000

NOTE: WEKIVA GLEN CHANNEL RATING CURVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

>>REACH NAME : LP16R01A
FROM NODE : PREVATT
TO NODE : CARPENTR
REACH TYPE : SINGLE STAGE-DISCHARGE RATING CURVE

STAGE (ft)	DISCHARGE (cfs)
56.600	.000
57.780	10.000
58.170	20.000
58.390	30.000
58.680	50.000
59.150	90.000
59.550	130.000
59.910	170.000
60.210	210.000
60.480	250.000

NOTE: CARPENTER BRANCH RATING CURVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

REACH SUMMARY

INDEX	RCHNAME	FRMNODE	TONODE	REACH TYPE
1	DL01R01O	DL01N01P	DL02N01W	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
2	MS03R03S	MS03N01P	MS04N01P	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
3	MS04R02S	MS04N01P	MS05N01P	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
4	MS05R02S	MS05N01P	MCCOY-S	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
5	DL02R01O	DL02N01W	DL03N01P	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
6	MS07R01S	MS07N01P	MCCOY-S	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
7	MS08R01S	MS08N01P	MCCOY-S	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
8	MN03R03S	MN03N01P	MN03N03D	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
9	LP06R01S	LP06N01P	LP07N01W	TRAPEZOIDAL WEIR/GATE/ORIFICE, MAVIS EQ.
10	DL05R02R	DREAM	MCCOY-N	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
11	MN09R02R	MN09N01P	MCCOY-N	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
12	MN21R02R	MN21N01L	CORONI-S	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
13	LP07R02R	LP07N01W	LP10N02D	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
14	MN03R01S	MN03N01P	MN03N02D	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
15	MN13R02O	MN13N01W	LP08N01W	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
16	LP10R04R	LP10N03P	PREVATT	IRREGULAR WEIR/GATE/ORIFICE, MAVIS EQ.
17	LP08R02R	LP08N01W	LP13N01W	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
18	LP14R01S	LP14N01P	LP14N02P	RECTANGULAR WEIR/GATE/ORIFICE VILLEMONTE EQ
19	PA02R03O	PA05N01P	MCCOY-N	CIRCULAR WEIR/GATE/ORIFICE, MAVIS EQ.
20	DL03R02C	DL03N02D	DREAM	CULVERT, CIRCULAR w/ ROADWAY
21	DL05R01C	DREAM	MN01N01D	CULVERT, CIRCULAR w/ ROADWAY
22	MN01R01C	MN01N01D	MN02N02D	CULVERT, CIRCULAR w/ ROADWAY
23	MN02R02C	MN02N02D	MN03N02D	CULVERT, CIRCULAR w/ ROADWAY
24	MN03R02C	MN03N02D	MN03N03D	CULVERT, CIRCULAR w/ ROADWAY
25	MN03R04C	MN03N03D	MCCOY-N	CULVERT, CIRCULAR w/ ROADWAY
26	MS01R01C	MS01N01W	MS02N01P	CULVERT, CIRCULAR w/ ROADWAY
27	MS09R01C	MCCOY-S	MCCOY-N	CULVERT, CIRCULAR w/ ROADWAY
28	MN13R01C	MN13N01W	LP08N01W	CULVERT, CIRCULAR w/ ROADWAY
29	MN15R01C	MN15N01D	MN16N01D	CULVERT, CIRCULAR w/ ROADWAY
30	MN16R01C	MN16N01D	MN17N01D	CULVERT, CIRCULAR w/ ROADWAY
31	MN17R01C	MN17N01D	MN18N01W	CULVERT, CIRCULAR w/ ROADWAY
32	MN18R01C	MN18N01W	MCCOY-N	CULVERT, ELLIPTICAL w/ ROADWAY
33	MN12R01C	MN12N01D	MN13N01W	CULVERT, CIRCULAR w/ ROADWAY
34	MN14R01C	MN14N01D	MN18N01W	CULVERT, CIRCULAR w/ ROADWAY
35	LC08R01C	CORONI-S	CORONI-N	CULVERT, CIRCULAR w/ ROADWAY
36	LC08R02C	CORONI-S	CORONI-N	CULVERT, CIRCULAR w/ ROADWAY
37	LC05R01C	LC05N01P	LC05N02D	CULVERT, ELLIPTICAL w/ ROADWAY
38	LC05R02C	LC05N02D	LC05N03D	CULVERT, ELLIPTICAL w/ ROADWAY
39	LC05R03C	LC05N03D	LC06N01P	CULVERT, ELLIPTICAL w/ ROADWAY
40	LP02R01C	LP02N01D	LP07N01W	CULVERT, CIRCULAR w/ ROADWAY
41	LP02R02C	LP02N01D	LP07N01W	CULVERT, CIRCULAR w/ ROADWAY
42	LP03R01C	LP03N01P	LP02N01D	CULVERT, CIRCULAR w/ ROADWAY
43	LP04R01C	LP04N01D	LP07N01W	CULVERT, CIRCULAR w/ ROADWAY
44	LP05R01C	LP05N01P	LP06N01P	CULVERT, CIRCULAR w/ ROADWAY

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

INDEX	RCHNAME	FRMNODE	TONODE	REACH TYPE
45	LP08R01C	LP08N01W	LP08N02D	CULVERT, CIRCULAR w/ ROADWAY
46	LP08R03C	LP08N02D	LP10N01D	CULVERT, CIRCULAR w/ ROADWAY
47	LP07R01C	LP07N01W	LP10N02D	CULVERT, CIRCULAR w/ ROADWAY
48	LP10R03C	LP10N03P	PREVATT	CULVERT, ELLIPTICAL w/ ROADWAY
49	LC09R01C	CORONI-N	LP13N01W	CULVERT, CIRCULAR w/ ROADWAY
50	LP13R01C	LP13N01W	PREVATT	CULVERT, CIRCULAR w/ ROADWAY
51	LP13R02C	LP13N01W	PREVATT	CULVERT, CIRCULAR w/ ROADWAY
52	CB01R01C	CARPENTR	TW	CULVERT, CIRCULAR w/ ROADWAY
53	DL03R01S	DL03N01P	DL03N02D	DROP STRUCTURE w/ CIRC. CULVERT
54	MS02R01S	MS02N01P	MCCOY-S	DROP STRUCTURE w/ CIRC. CULVERT
55	MS03R01S	MS03N01P	MS04N01P	DROP STRUCTURE w/ CIRC. CULVERT
56	MS04R01S	MS04N01P	MS05N01P	DROP STRUCTURE w/ CIRC. CULVERT
57	MS05R01S	MS05N01P	MCCOY-S	DROP STRUCTURE w/ CIRC. CULVERT
58	PA05R01S	PA05N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
59	PA05R02S	PA05N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
60	BP01R01S	BP01N01P	BUCHAN	DROP STRUCTURE w/ CIRC. CULVERT
61	BP02R01S	BP02N01P	BP04N01P	DROP STRUCTURE w/ CIRC. CULVERT
62	BP03R01S	BP03N01P	BP04N01P	DROP STRUCTURE w/ CIRC. CULVERT
63	BP04R01S	BP04N01P	BUCHAN	DROP STRUCTURE w/ ELLP. CULVERT
64	BP05R01S	BUCHAN	MN15N01D	DROP STRUCTURE w/ CIRC. CULVERT
65	MN02R01S	MN02N01P	MN02N02D	DROP STRUCTURE w/ ELLP. CULVERT
66	MN09R01S	MN09N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
67	MN10R01S	MN10N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
68	MN11R01S	MN11N01P	MCCOY-N	DROP STRUCTURE w/ CIRC. CULVERT
69	MN21R01S	MN21N01L	CORONI-S	DROP STRUCTURE w/ ELLP. CULVERT
70	MN21R02S	MN21N01L	CORONI-S	DROP STRUCTURE w/ ELLP. CULVERT
71	LC01R01S	LC01N01L	CORONI-S	DROP STRUCTURE w/ CIRC. CULVERT
72	LC03R01S	LC03N01P	CORONI-N	DROP STRUCTURE w/ CIRC. CULVERT
73	LC04R01S	LC04N01P	CORONI-N	DROP STRUCTURE w/ CIRC. CULVERT
74	LC06R01S	LC06N01P	CORONI-N	DROP STRUCTURE w/ CIRC. CULVERT
75	LP09R01S	LP09N01P	LP10N01D	DROP STRUCTURE w/ CIRC. CULVERT
76	LP14R02S	LP14N02P	PREVATT	DROP STRUCTURE w/ CIRC. CULVERT
77	LP01R01X	LP01N01W	LP02N01D	TRAPEZOIDAL CHANNEL, MOMENTUM EQ.
78	MN20R01X	MCCOY-N	MN21N01L	IRREGULAR SECTION CHANNEL, MOMENTUM EQ.
79	DL01R02A	DL01N01P	DW	SINGLE STAGE-DISCHARGE RATING CURVE
80	PA02R01A	PA02N01P	PA05N01P	SINGLE STAGE-DISCHARGE RATING CURVE
81	MN07R01A	MN07N01P	MCCOY-N	SINGLE STAGE-DISCHARGE RATING CURVE
82	MN08R01A	MN08N01P	MCCOY-N	SINGLE STAGE-DISCHARGE RATING CURVE
83	LC02R01A	LC02N01P	CORONI-S	SINGLE STAGE-DISCHARGE RATING CURVE
84	LC07R01A	LC07N01P	CORONI-N	SINGLE STAGE-DISCHARGE RATING CURVE
85	MN13R01A	MN13N01W	MN14N01D	SINGLE STAGE-DISCHARGE RATING CURVE
86	MN19R01A	MN19N01P	MCCOY-N	SINGLE STAGE-DISCHARGE RATING CURVE
87	LP10R01A	LP10N01D	LP10N02D	SINGLE STAGE-DISCHARGE RATING CURVE
88	LP10R02A	LP10N02D	LP10N03P	SINGLE STAGE-DISCHARGE RATING CURVE
89	LP16R01A	PREVATT	CARPENTR	SINGLE STAGE-DISCHARGE RATING CURVE

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS (ALL SIMULATIONS)
January 7, 1997

INPUT SUMMARY

DATA TYPE	NUMBER READ
NODES	73
REACHES	
WEIRS	19
CULVERTS	33
DROP STRUCTURES	24
CHANNELS, ENERGY EQ.	0
CHANNELS, MOMENTUM EQ.	2
RATING CURVES	11
TOTAL REACHES	89

RECOMMENDED IMPROVEMENTS

FLOOD ROUTING RESULTS

2.33-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
DL01N01P	STAGE (ft):	144.00	59.75	147.95	12.00
	VOLUME (af):	-5.28	59.75	6.10	12.00
	RUNOFF (cfs):	.00	59.75	29.23	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	2.59	59.75	9.07	12.00
DL02N01W	STAGE (ft):	143.98	5.25	146.27	59.75
	VOLUME (af):	1.64	5.08	9.60	59.75
	RUNOFF (cfs):	.00	59.75	17.51	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	2.33	12.00
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DL03N01P	STAGE (ft):	142.70	6.67	144.63	24.33
	VOLUME (af):	.00	6.42	5.84	24.33
	RUNOFF (cfs):	.00	59.75	15.93	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	17.67	.23	24.33
DL03N02D	STAGE (ft):	139.10	59.75	139.10	23.00
	VOLUME (af):	.03	17.83	.03	23.00
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	17.67	.23	24.33
	OUTFLOW (cfs):	.00	59.75	4.76	23.00
DREAM	STAGE (ft):	114.44	7.83	114.97	15.92
	VOLUME (af):	12.24	7.83	21.23	15.92
	RUNOFF (cfs):	.00	59.75	31.37	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	4.76	23.00
	OUTFLOW (cfs):	.00	.00	4.47	16.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	6.33	140.59	13.17
	VOLUME (af):	.00	6.17	3.67	13.17
	RUNOFF (cfs):	.00	59.75	17.80	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.25	5.21	13.17
BP02N01P	STAGE (ft):	143.00	5.50	144.44	11.75
	VOLUME (af):	.00	5.17	1.92	11.75
	RUNOFF (cfs):	.00	59.75	8.59	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.08	2.53	11.75
BP03N01P	STAGE (ft):	143.50	4.75	145.74	13.08
	VOLUME (af):	.00	4.75	2.82	13.08
	RUNOFF (cfs):	.00	59.75	11.62	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.17	2.82	13.08
BP04N01P	STAGE (ft):	139.00	4.75	140.46	11.33
	VOLUME (af):	.03	4.50	2.92	11.33
	RUNOFF (cfs):	.00	59.75	18.48	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.08	5.21	13.00
	OUTFLOW (cfs):	.00	8.42	11.19	11.33
BUCHAN	STAGE (ft):	137.63	6.75	138.42	18.83
	VOLUME (af):	38.37	6.75	52.40	18.83
	RUNOFF (cfs):	.00	30.25	21.98	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.42	16.04	11.58
	OUTFLOW (cfs):	2.15	6.75	7.12	18.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
MS01N01W	STAGE (ft):	82.30	6.50	85.30	10.33
	VOLUME (af):	.00	6.25	1.20	10.33
	RUNOFF (cfs):	.00	59.75	30.63	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.42	29.75	10.33
MS02N01P	STAGE (ft):	80.00	6.17	82.01	10.50
	VOLUME (af):	.00	5.92	1.18	10.50
	RUNOFF (cfs):	.00	59.75	6.77	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.42	29.75	10.33
	OUTFLOW (cfs):	.00	6.17	34.17	10.50
MS03N01P	STAGE (ft):	87.00	6.50	87.55	10.25
	VOLUME (af):	.03	6.50	.07	10.25
	RUNOFF (cfs):	.00	29.25	18.37	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.50	18.34	10.25
MS04N01P	STAGE (ft):	82.50	6.75	83.06	10.25
	VOLUME (af):	.02	6.75	.05	10.25
	RUNOFF (cfs):	.00	59.75	.73	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.50	18.34	10.25
	OUTFLOW (cfs):	.00	6.75	18.97	10.25
MS05N01P	STAGE (ft):	75.50	6.83	76.07	10.25
	VOLUME (af):	.03	6.83	.06	10.25
	RUNOFF (cfs):	.00	59.75	.62	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.75	18.97	10.25
	OUTFLOW (cfs):	.00	6.83	19.48	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
MS07N01P	STAGE (ft):	62.00	7.00	64.71	23.25
	VOLUME (af):	.00	6.92	2.49	23.25
	RUNOFF (cfs):	.00	59.75	7.59	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	18.42	.24	23.25
MS08N01P	STAGE (ft):	61.50	7.08	62.84	59.75
	VOLUME (af):	.00	6.92	1.21	59.75
	RUNOFF (cfs):	.00	59.75	3.31	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-S	STAGE (ft):	62.29	7.25	63.59	20.83
	VOLUME (af):	26.39	7.25	59.09	20.83
	RUNOFF (cfs):	.00	59.75	37.22	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.17	53.45	10.33
	OUTFLOW (cfs):	.53	7.33	7.08	19.58
PA02N01P	STAGE (ft):	143.00	7.83	145.14	59.75
	VOLUME (af):	.00	7.67	4.88	59.75
	RUNOFF (cfs):	.00	28.25	12.22	10.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PA05N01P	STAGE (ft):	62.00	3.00	65.77	12.00
	VOLUME (af):	.37	3.00	14.22	12.00
	RUNOFF (cfs):	.00	59.75	70.52	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	3.00	55.18	12.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	<-- MINIMUMS --> TIME (hr)	<-- MAXIMUMS --> VALUE	<-- MAXIMUMS --> TIME (hr)
MN01N01D	STAGE (ft):	113.72	6.83	114.50	.00
	VOLUME (af):	.00	6.83	.06	.00
	RUNOFF (cfs):	.00	59.75	.25	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	4.47	16.08
	OUTFLOW (cfs):	1.46	6.83	5.73	.00
MN02N01P	STAGE (ft):	114.00	6.50	114.93	10.00
	VOLUME (af):	.00	6.42	.14	10.00
	RUNOFF (cfs):	.00	59.75	3.40	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.33	2.83	10.00
MN02N02D	STAGE (ft):	112.24	.00	113.51	10.33
	VOLUME (af):	.02	.00	.15	10.33
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.46	6.83	5.73	.00
	OUTFLOW (cfs):	.00	.00	5.30	10.33
MN03N01P	STAGE (ft):	105.00	8.00	106.08	11.25
	VOLUME (af):	.00	7.92	.10	11.25
	RUNOFF (cfs):	.00	59.75	1.19	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.17	1.18	11.25
MN03N02D	STAGE (ft):	94.23	.00	95.71	10.75
	VOLUME (af):	.00	.00	.15	10.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	5.64	10.50
	OUTFLOW (cfs):	.00	.00	5.57	10.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
MN03N03D	STAGE (ft):	86.47	8.00	87.86	11.00
	VOLUME (af):	.00	.50	.14	11.00
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	6.28	10.75
	OUTFLOW (cfs):	.00	8.00	6.23	11.00
MN07N01P	STAGE (ft):	68.20	8.00	70.03	11.50
	VOLUME (af):	.00	7.92	.54	11.50
	RUNOFF (cfs):	.00	59.75	5.78	11.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	5.76	11.50
MN08N01P	STAGE (ft):	67.00	7.83	68.55	59.75
	VOLUME (af):	.00	7.67	.27	59.75
	RUNOFF (cfs):	.00	59.75	.75	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MN09N01P	STAGE (ft):	62.00	8.00	65.00	25.75
	VOLUME (af):	.00	7.92	.91	25.75
	RUNOFF (cfs):	.00	27.25	2.17	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	24.75	.01	25.75
MN10N01P	STAGE (ft):	62.50	8.33	63.79	59.75
	VOLUME (af):	.00	8.17	.48	59.75
	RUNOFF (cfs):	.00	59.75	.94	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	7.75	64.29	19.33
	VOLUME (af):	.00	7.67	.30	19.33
	RUNOFF (cfs):	.00	59.75	.96	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	15.08	.08	19.33
MN12N01D	STAGE (ft):	116.11	59.75	119.00	.00
	VOLUME (af):	-.06	7.17	.02	.00
	RUNOFF (cfs):	.00	59.75	13.63	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	60.28	.00
MN13N01W	STAGE (ft):	101.50	.00	103.34	15.08
	VOLUME (af):	.00	.00	15.61	15.08
	RUNOFF (cfs):	.00	59.75	39.80	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	60.28	.00
	OUTFLOW (cfs):	.00	.00	18.69	15.08
MN14N01D	STAGE (ft):	69.87	2.00	72.51	11.50
	VOLUME (af):	.09	2.00	.35	11.50
	RUNOFF (cfs):	.00	59.75	21.90	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	18.48	15.08
	OUTFLOW (cfs):	.00	6.92	31.94	11.50
MN15N01D	STAGE (ft):	133.00	.00	134.72	10.42
	VOLUME (af):	.02	.00	.21	10.42
	RUNOFF (cfs):	.00	59.75	10.02	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.15	6.75	7.12	18.83
	OUTFLOW (cfs):	.00	.00	13.44	10.42

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	128.65	10.25
	VOLUME (af):	.12	.50	.34	10.25
	RUNOFF (cfs):	.00	59.75	3.88	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	13.44	10.42
	OUTFLOW (cfs):	.00	.75	16.40	10.25
MN17N01D	STAGE (ft):	119.40	.00	121.59	10.08
	VOLUME (af):	.04	.00	.29	10.08
	RUNOFF (cfs):	.00	59.75	3.60	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	16.40	10.25
	OUTFLOW (cfs):	.00	.00	18.94	10.08
MN18N01W	STAGE (ft):	61.50	.50	64.10	11.25
	VOLUME (af):	.21	.50	1.73	11.25
	RUNOFF (cfs):	.00	59.75	16.30	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	48.20	10.50
	OUTFLOW (cfs):	.00	.00	61.26	11.25
MN19N01P	STAGE (ft):	100.00	4.75	102.55	59.75
	VOLUME (af):	.00	4.50	3.42	59.75
	RUNOFF (cfs):	.00	59.75	9.98	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-N	STAGE (ft):	61.49	6.83	62.61	23.92
	VOLUME (af):	45.72	6.83	155.58	23.92
	RUNOFF (cfs):	.00	59.75	120.29	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.94	.50	130.84	11.92
	OUTFLOW (cfs):	2.17	.00	41.27	23.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	61.63	23.83
	VOLUME (af):	.01	.00	.34	23.83
	RUNOFF (cfs):	.00	59.75	1.56	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	41.27	23.92
	OUTFLOW (cfs):	.00	.25	41.38	23.67
LC01N01L	STAGE (ft):	81.60	8.08	82.23	59.75
	VOLUME (af):	6.31	8.00	8.94	59.75
	RUNOFF (cfs):	.00	59.75	3.54	12.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LC02N01P	STAGE (ft):	85.00	8.00	87.85	12.67
	VOLUME (af):	.00	7.92	.54	12.67
	RUNOFF (cfs):	.00	28.00	2.33	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	12.25	1.53	12.67
LC03N01P	STAGE (ft):	60.20	8.25	62.87	59.75
	VOLUME (af):	.00	8.17	1.28	59.75
	RUNOFF (cfs):	.00	31.50	2.11	11.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LC04N01P	STAGE (ft):	60.40	7.50	61.35	59.75
	VOLUME (af):	.00	7.42	1.76	59.75
	RUNOFF (cfs):	.00	59.75	4.58	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	7.75	65.38	59.75
	VOLUME (af):	.06	7.75	.45	26.50
	RUNOFF (cfs):	.00	59.75	4.83	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.03	26.25	3.59	11.25
LC05N02D	STAGE (ft):	64.25	8.83	65.38	59.75
	VOLUME (af):	.00	7.92	.12	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.03	26.25	3.59	11.25
	OUTFLOW (cfs):	-.14	23.58	3.58	11.33
LC05N03D	STAGE (ft):	63.30	9.25	65.38	59.75
	VOLUME (af):	.00	8.92	.23	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.14	23.58	3.58	11.33
	OUTFLOW (cfs):	-.61	24.75	3.38	11.25
LC06N01P	STAGE (ft):	63.00	7.83	65.38	59.75
	VOLUME (af):	.00	7.67	2.60	59.75
	RUNOFF (cfs):	.00	59.75	3.68	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.61	24.75	3.38	11.25
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LC07N01P	STAGE (ft):	67.00	7.83	68.92	59.75
	VOLUME (af):	.00	7.67	.44	59.75
	RUNOFF (cfs):	.00	59.75	1.26	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
CORONI-S	STAGE (ft):	59.30	.50	60.88	52.00
	VOLUME (af):	9.47	.50	28.18	52.00
	RUNOFF (cfs):	.00	59.75	8.21	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.25	41.55	23.42
	OUTFLOW (cfs):	.00	.00	41.28	23.33
CORONI-N	STAGE (ft):	59.30	.50	60.88	52.00
	VOLUME (af):	38.62	.50	93.62	52.00
	RUNOFF (cfs):	.00	59.75	19.83	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	41.28	23.33
	OUTFLOW (cfs):	1.43	.50	24.87	52.50
LP01N01W	STAGE (ft):	121.30	24.75	122.64	10.00
	VOLUME (af):	.58	24.75	1.61	10.00
	RUNOFF (cfs):	.00	29.50	38.36	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	38.75	10.25
LP02N01D	STAGE (ft):	111.30	.00	114.32	10.33
	VOLUME (af):	.06	.00	.65	10.33
	RUNOFF (cfs):	.00	30.75	18.46	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.17	59.75	43.60	10.33
	OUTFLOW (cfs):	.04	.25	61.89	10.33
LP03N01P	STAGE (ft):	126.02	59.75	127.26	12.42
	VOLUME (af):	.06	59.75	3.99	12.42
	RUNOFF (cfs):	.00	29.00	15.96	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.17	59.75	6.42	12.50

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	4.25	118.28	9.58
	VOLUME (af):	.09	4.25	.43	9.58
	RUNOFF (cfs):	.00	59.75	38.16	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.67	38.03	9.58
LP05N01P	STAGE (ft):	97.50	3.50	98.54	11.50
	VOLUME (af):	6.08	3.50	10.68	11.50
	RUNOFF (cfs):	.00	27.25	11.85	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-7.05	8.83	6.52	14.75
LP06N01P	STAGE (ft):	97.50	3.50	98.48	9.67
	VOLUME (af):	4.90	3.50	8.31	9.67
	RUNOFF (cfs):	.00	59.75	48.99	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-7.05	8.83	6.52	14.75
	OUTFLOW (cfs):	.00	3.50	32.56	9.67
LP07N01W	STAGE (ft):	92.70	.00	95.62	10.25
	VOLUME (af):	.00	.00	.29	10.25
	RUNOFF (cfs):	.00	59.75	24.55	11.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	130.26	10.08
	OUTFLOW (cfs):	.00	4.00	150.39	10.25
LP08N01W	STAGE (ft):	99.80	5.25	101.64	10.42
	VOLUME (af):	.08	5.25	.27	10.42
	RUNOFF (cfs):	.00	59.75	12.38	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.21	15.08
	OUTFLOW (cfs):	.00	6.33	12.23	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	7.42	101.49	10.50
	VOLUME (af):	.02	6.42	.23	10.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.33	12.23	10.25
	OUTFLOW (cfs):	.00	7.42	12.18	10.50
LP09N01P	STAGE (ft):	95.20	5.00	98.46	13.00
	VOLUME (af):	7.10	5.00	10.10	13.00
	RUNOFF (cfs):	.00	59.75	11.41	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	11.75	2.90	13.00
LP10N01D	STAGE (ft):	95.80	6.33	97.38	10.50
	VOLUME (af):	.00	6.33	.19	10.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.42	12.18	10.50
	OUTFLOW (cfs):	.00	6.33	12.17	10.50
LP10N02D	STAGE (ft):	90.20	.75	93.08	10.25
	VOLUME (af):	.00	.75	.29	10.25
	RUNOFF (cfs):	.00	34.00	5.72	10.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.00	162.40	10.25
	OUTFLOW (cfs):	.00	.75	167.86	10.25
LP10N03P	STAGE (ft):	86.80	.75	92.34	10.67
	VOLUME (af):	.05	.75	1.64	10.67
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	167.86	10.25
	OUTFLOW (cfs):	.00	6.42	163.41	10.67

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	<-- MINIMUMS --> TIME (hr)	<-- MAXIMUMS --> VALUE	<-- MAXIMUMS --> TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	79.69	59.75
	VOLUME (af):	.00	7.42	.96	59.75
	RUNOFF (cfs):	.00	59.75	2.70	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	59.57	52.00
	VOLUME (af):	.09	.00	.30	52.00
	RUNOFF (cfs):	.00	59.75	4.33	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.50	24.87	52.50
	OUTFLOW (cfs):	.00	.00	24.87	52.00
LP14N01P	STAGE (ft):	60.00	8.00	64.12	17.67
	VOLUME (af):	.00	7.92	.91	17.58
	RUNOFF (cfs):	.00	59.75	2.75	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	16.00	.35	17.67
LP14N02P	STAGE (ft):	60.00	16.00	60.56	59.75
	VOLUME (af):	.00	16.00	.18	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	16.00	.35	17.67
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PREVATT	STAGE (ft):	57.09	6.58	58.24	59.75
	VOLUME (af):	294.13	6.58	427.36	59.75
	RUNOFF (cfs):	.00	36.75	55.51	11.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	170.05	10.67
	OUTFLOW (cfs):	4.15	6.58	23.08	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	<-- MINIMUMS --> TIME (hr)	<-- MAXIMUMS --> VALUE	<-- MAXIMUMS --> TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	48.22	59.75
	VOLUME (af):	.00	.00	7.45	59.75
	RUNOFF (cfs):	.00	38.75	4.40	14.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.15	6.58	23.08	59.75
	OUTFLOW (cfs):	.00	14.00	23.07	59.75
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	14.00	81.08	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	14.00	23.07	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	17.22	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.59	59.75	6.74	12.00
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	147.95	6.10	29.23	.00	.00	9.07
DL02N01W	146.27	9.60	17.51	.00	2.33	.00
DL03N01P	144.63	5.84	15.93	.00	.00	.23
DL03N02D	139.10	.03	.00	.00	.23	4.76
DREAM	114.97	21.23	31.37	.00	4.76	4.47
BP01N01P	140.59	3.67	17.80	.00	.00	5.21
BP02N01P	144.44	1.92	8.59	.00	.00	2.53
BP03N01P	145.74	2.82	11.62	.00	.00	2.82
BP04N01P	140.46	2.92	18.48	.00	5.21	11.19
BUCHAN	138.42	52.40	21.98	.00	16.04	7.12
MS01N01W	85.30	1.20	30.63	.00	.00	29.75
MS02N01P	82.01	1.18	6.77	.00	29.75	34.17
MS03N01P	87.55	.07	18.37	.00	.00	18.34
MS04N01P	83.06	.05	.73	.00	18.34	18.97
MS05N01P	76.07	.06	.62	.00	18.97	19.48
MS07N01P	64.71	2.49	7.59	.00	.00	.24
MS08N01P	62.84	1.21	3.31	.00	.00	.00
MCCOY-S	63.59	59.09	37.22	.00	53.45	7.08
PA02N01P	145.14	4.88	12.22	.00	.00	.00
PA05N01P	65.77	14.22	70.52	.00	.00	55.18
MN01N01D	114.50	.06	.25	.00	4.47	5.73
MN02N01P	114.93	.14	3.40	.00	.00	2.83
MN02N02D	113.51	.15	.00	.00	5.73	5.30
MN03N01P	106.08	.10	1.19	.00	.00	1.18
MN03N02D	95.71	.15	.00	.00	5.64	5.57
MN03N03D	87.86	.14	.00	.00	6.28	6.23
MN07N01P	70.03	.54	5.78	.00	.00	5.76
MN08N01P	68.55	.27	.75	.00	.00	.00
MN09N01P	65.00	.91	2.17	.00	.00	.01
MN10N01P	63.79	.48	.94	.00	.00	.00
MN11N01P	64.29	.30	.96	.00	.00	.08
MN12N01D	119.00	.02	13.63	.00	.00	60.28
MN13N01W	103.34	15.61	39.80	.00	60.28	18.69
MN14N01D	72.51	.35	21.90	.00	18.48	31.94
MN15N01D	134.72	.21	10.02	.00	7.12	13.44
MN16N01D	128.65	.34	3.88	.00	13.44	16.40
MN17N01D	121.59	.29	3.60	.00	16.40	18.94
MN18N01W	64.10	1.73	16.30	.00	48.20	61.26
MN19N01P	102.55	3.42	9.98	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MCCOY-N	62.61	155.58	120.29	.00	130.84	41.27
MN21N01L	61.63	.34	1.56	.00	41.27	41.38
LC01N01L	82.23	8.94	3.54	.00	.00	.00
LC02N01P	87.85	.54	2.33	.00	.00	1.53
LC03N01P	62.87	1.28	2.11	.00	.00	.00
LC04N01P	61.35	1.76	4.58	.00	.00	.00
LC05N01P	65.38	.45	4.83	.00	.00	3.59
LC05N02D	65.38	.12	.00	.00	3.59	3.58
LC05N03D	65.38	.23	.00	.00	3.58	3.38
LC06N01P	65.38	2.60	3.68	.00	3.38	.00
LC07N01P	68.92	.44	1.26	.00	.00	.00
CORONI-S	60.88	28.18	8.21	.00	41.55	41.28
CORONI-N	60.88	93.62	19.83	.00	41.28	24.87
LP01N01W	122.64	1.61	38.36	.00	.00	38.75
LP02N01D	114.32	.65	18.46	.00	43.60	61.89
LP03N01P	127.26	3.99	15.96	.00	.00	6.42
LP04N01D	118.28	.43	38.16	.00	.00	38.03
LP05N01P	98.54	10.68	11.85	.00	.00	6.52
LP06N01P	98.48	8.31	48.99	.00	6.52	32.56
LP07N01W	95.62	.29	24.55	.00	130.26	150.39
LP08N01W	101.64	.27	12.38	.00	.21	12.23
LP08N02D	101.49	.23	.00	.00	12.23	12.18
LP09N01P	98.46	10.10	11.41	.00	.00	2.90
LP10N01D	97.38	.19	.00	.00	12.18	12.17
LP10N02D	93.08	.29	5.72	.00	162.40	167.86
LP10N03P	92.34	1.64	.00	.00	167.86	163.41
LP11N01L	79.69	.96	2.70	.00	.00	.00
LP13N01W	59.57	.30	4.33	.00	24.87	24.87
LP14N01P	64.12	.91	2.75	.00	.00	.35
LP14N02P	60.56	.18	.00	.00	.35	.00
PREVATT	58.24	427.36	55.51	.00	170.05	23.08
CARPENTR	48.22	7.45	4.40	.00	23.08	23.07
TW	48.10	81.08	.00	.00	23.07	.00
DW	100.00	17.22	.00	.00	6.74	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	12.00	2.33	DL01N01P	147.95	DL02N01W	145.76
MS03R03S	.00	.00	MS03N01P	87.00	MS04N01P	82.50
MS04R02S	.00	.00	MS04N01P	82.50	MS05N01P	75.50
MS05R02S	.00	.00	MS05N01P	75.50	MCCOY-S	62.30
DL02R01O	.00	.00	DL02N01W	143.98	DL03N01P	142.70
MS07R01S	23.25	.24	MS07N01P	64.71	MCCOY-S	63.59
MS08R01S	.00	.00	MS08N01P	61.50	MCCOY-S	62.30
MN03R03S	11.25	.73	MN03N01P	106.08	MN03N03D	87.86
LP06R01S	9.67	32.56	LP06N01P	98.48	LP07N01W	95.60
DL05R02R	.00	.00	DREAM	114.50	MCCOY-N	61.50
MN09R02R	.00	.00	MN09N01P	62.00	MCCOY-N	61.50
MN21R02R	.00	.00	MN21N01L	59.00	CORONI-S	59.30
LP07R02R	10.25	112.87	LP07N01W	95.62	LP10N02D	93.08
MN03R01S	11.25	.45	MN03N01P	106.08	MN03N02D	95.69
MN13R02O	.00	.00	MN13N01W	101.50	LP08N01W	99.80
LP10R04R	.00	.00	LP10N03P	86.80	PREVATT	57.10
LP08R02R	.00	.00	LP08N01W	99.80	LP13N01W	57.76
LP14R01S	17.58	.35	LP14N01P	64.12	LP14N02P	60.11
PA02R03O	12.00	1.77	PA05N01P	65.77	MCCOY-N	62.03
DL03R02C	23.00	4.76	DL03N02D	139.10	DREAM	114.92
DL05R01C	15.75	4.47	DREAM	114.97	MN01N01D	114.32
MN01R01C	.00	5.73	MN01N01D	114.50	MN02N02D	112.24
MN02R02C	10.33	5.30	MN02N02D	113.51	MN03N02D	95.67
MN03R02C	10.75	5.57	MN03N02D	95.71	MN03N03D	87.85
MN03R04C	11.00	6.23	MN03N03D	87.86	MCCOY-N	61.85
MS01R01C	10.33	29.75	MS01N01W	85.30	MS02N01P	82.00
MS09R01C	19.58	7.08	MCCOY-S	63.59	MCCOY-N	62.57
MN13R01C	15.00	.21	MN13N01W	103.34	LP08N01W	100.63
MN15R01C	10.42	13.44	MN15N01D	134.72	MN16N01D	128.64
MN16R01C	10.25	16.40	MN16N01D	128.65	MN17N01D	121.58
MN17R01C	10.08	18.94	MN17N01D	121.59	MN18N01W	63.97
MN18R01C	11.25	61.26	MN18N01W	64.10	MCCOY-N	61.89
MN12R01C	.00	60.28	MN12N01D	119.00	MN13N01W	101.50
MN14R01C	11.50	31.94	MN14N01D	72.51	MN18N01W	64.10
LC08R01C	25.00	37.42	CORONI-S	60.39	CORONI-N	60.36
LC08R02C	18.25	11.27	CORONI-S	60.33	CORONI-N	59.86
LC05R01C	11.25	3.59	LC05N01P	65.30	LC05N02D	65.17
LC05R02C	11.33	3.58	LC05N02D	65.17	LC05N03D	64.16
LC05R03C	11.25	3.38	LC05N03D	64.15	LC06N01P	63.92
LP02R01C	10.33	28.32	LP02N01D	114.32	LP07N01W	95.62

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R02C	10.33	33.57	LP02N01D	114.32	LP07N01W	95.62
LP03R01C	12.50	6.42	LP03N01P	127.26	LP02N01D	113.70
LP04R01C	9.58	38.03	LP04N01D	118.28	LP07N01W	95.60
LP05R01C	14.75	6.52	LP05N01P	98.36	LP06N01P	98.07
LP08R01C	10.25	12.23	LP08N01W	101.63	LP08N02D	101.47
LP08R03C	10.50	12.18	LP08N02D	101.49	LP10N01D	97.38
LP07R01C	10.25	37.52	LP07N01W	95.62	LP10N02D	93.08
LP10R03C	10.67	163.41	LP10N03P	92.34	PREVATT	57.38
LC09R01C	51.75	24.87	CORONI-N	60.88	LP13N01W	59.57
LP13R01C	52.00	12.54	LP13N01W	59.57	PREVATT	58.23
LP13R02C	52.00	12.34	LP13N01W	59.57	PREVATT	58.23
CB01R01C	59.75	23.07	CARPENTR	48.22	TW	48.10
DL03R01S	24.33	.23	DL03N01P	144.63	DL03N02D	139.10
MS02R01S	10.50	34.17	MS02N01P	82.01	MCCOY-S	62.79
MS03R01S	10.25	18.34	MS03N01P	87.55	MS04N01P	83.06
MS04R01S	10.25	18.97	MS04N01P	83.06	MS05N01P	76.07
MS05R01S	10.25	19.48	MS05N01P	76.07	MCCOY-S	62.71
PA05R01S	12.00	27.74	PA05N01P	65.77	MCCOY-N	62.03
PA05R02S	12.00	25.67	PA05N01P	65.77	MCCOY-N	62.03
BP01R01S	13.17	5.21	BP01N01P	140.59	BUCHAN	138.23
BP02R01S	11.75	2.53	BP02N01P	144.44	BP04N01P	140.46
BP03R01S	13.08	2.82	BP03N01P	145.74	BP04N01P	140.42
BP04R01S	11.33	11.19	BP04N01P	140.46	BUCHAN	138.03
BP05R01S	18.75	7.12	BUCHAN	138.42	MN15N01D	134.31
MN02R01S	10.00	2.83	MN02N01P	114.93	MN02N02D	113.49
MN09R01S	25.50	.01	MN09N01P	65.00	MCCOY-N	62.60
MN10R01S	.00	.00	MN10N01P	62.50	MCCOY-N	61.50
MN11R01S	19.33	.08	MN11N01P	64.29	MCCOY-N	62.57
MN21R01S	23.75	32.96	MN21N01L	61.63	CORONI-S	60.38
MN21R02S	23.08	8.42	MN21N01L	61.63	CORONI-S	60.38
LC01R01S	.00	.00	LC01N01L	81.60	CORONI-S	59.30
LC03R01S	.00	.00	LC03N01P	60.20	CORONI-N	59.30
LC04R01S	.00	.00	LC04N01P	60.40	CORONI-N	59.30
LC06R01S	.00	.00	LC06N01P	63.00	CORONI-N	59.30
LP09R01S	13.00	2.90	LP09N01P	98.46	LP10N01D	97.32
LP14R02S	.00	.00	LP14N02P	60.00	PREVATT	57.10
LP01R01X	10.25	38.75	LP01N01W	122.63	LP02N01D	114.32
MN20R01X	23.92	41.27	MCCOY-N	62.61	MN21N01L	61.63
DL01R02A	12.00	6.74	DL01N01P	147.95	DW	100.00
PA02R01A	.00	.00	PA02N01P	143.00	PA05N01P	62.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS - MEAN ANNUAL STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
MN07R01A	11.50	5.76	MN07N01P	70.03	MCCOY-N	61.94
MN08R01A	.00	.00	MN08N01P	67.00	MCCOY-N	61.50
LC02R01A	12.67	1.53	LC02N01P	87.85	CORONI-S	59.71
LC07R01A	.00	.00	LC07N01P	67.00	CORONI-N	59.30
MN13R01A	15.08	18.48	MN13N01W	103.34	MN14N01D	72.29
MN19R01A	.00	.00	MN19N01P	100.00	MCCOY-N	61.50
LP10R01A	10.50	12.17	LP10N01D	97.38	LP10N02D	93.06
LP10R02A	10.25	167.86	LP10N02D	93.08	LP10N03P	92.20
LP16R01A	59.75	23.08	PREVATT	58.24	CARPENTR	48.22

10-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	MINIMUMS --> TIME (hr)	<-- MAXIMUMS --> VALUE	MAXIMUMS --> TIME (hr)
DL01N01P	STAGE (ft):	144.78	59.75	148.30	9.50
	VOLUME (af):	.98	59.75	6.98	9.50
	RUNOFF (cfs):	.00	27.00	54.19	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.02	59.75	52.31	9.50
DL02N01W	STAGE (ft):	143.98	4.25	148.05	14.92
	VOLUME (af):	1.64	4.00	23.76	14.92
	RUNOFF (cfs):	.00	59.75	35.82	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-3.43	18.58	45.17	9.50
	OUTFLOW (cfs):	.00	59.75	5.23	14.92
DL03N01P	STAGE (ft):	142.70	5.67	145.68	15.75
	VOLUME (af):	.00	5.42	11.25	15.75
	RUNOFF (cfs):	.00	59.75	40.08	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	5.23	14.92
	OUTFLOW (cfs):	.00	9.50	6.54	15.75
DL03N02D	STAGE (ft):	139.10	10.25	140.41	15.92
	VOLUME (af):	.03	9.58	.17	15.92
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.50	6.54	15.75
	OUTFLOW (cfs):	.00	10.25	6.53	16.00
DREAM	STAGE (ft):	114.45	6.83	116.08	19.33
	VOLUME (af):	12.37	6.83	41.56	19.33
	RUNOFF (cfs):	.00	59.75	87.70	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.25	6.53	16.00
	OUTFLOW (cfs):	.00	.00	12.03	19.67

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	5.25	141.65	10.92
	VOLUME (af):	.00	5.00	6.67	10.92
	RUNOFF (cfs):	.00	59.75	42.23	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.08	19.95	10.92
BP02N01P	STAGE (ft):	143.00	4.25	144.81	10.08
	VOLUME (af):	.00	4.25	2.55	10.08
	RUNOFF (cfs):	.00	59.75	17.69	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.50	12.69	10.08
BP03N01P	STAGE (ft):	143.50	4.00	146.21	10.25
	VOLUME (af):	.00	4.00	3.77	10.25
	RUNOFF (cfs):	.00	59.75	22.56	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.50	14.29	10.25
BP04N01P	STAGE (ft):	139.00	4.00	141.58	10.33
	VOLUME (af):	.03	3.75	5.39	10.33
	RUNOFF (cfs):	.00	59.75	35.37	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.50	26.92	10.17
	OUTFLOW (cfs):	.00	7.42	45.76	10.33
BUCHAN	STAGE (ft):	137.64	5.75	139.60	16.92
	VOLUME (af):	38.57	5.75	75.34	16.92
	RUNOFF (cfs):	.00	30.25	42.89	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.42	65.37	10.42
	OUTFLOW (cfs):	2.21	5.75	17.80	16.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MS01N01W	STAGE (ft):	82.30	5.50	92.23	10.92
	VOLUME (af):	.00	5.25	4.80	10.92
	RUNOFF (cfs):	.00	59.75	73.99	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.42	56.53	11.00
MS02N01P	STAGE (ft):	80.00	5.00	83.28	10.58
	VOLUME (af):	.00	4.75	2.22	10.58
	RUNOFF (cfs):	.00	26.00	15.63	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.42	56.53	11.00
	OUTFLOW (cfs):	.00	5.00	65.04	10.58
MS03N01P	STAGE (ft):	87.00	5.75	90.50	10.42
	VOLUME (af):	.03	5.67	.48	10.42
	RUNOFF (cfs):	.00	29.25	45.90	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.75	44.14	10.33
MS04N01P	STAGE (ft):	82.50	5.75	86.23	10.92
	VOLUME (af):	.02	5.75	.92	10.92
	RUNOFF (cfs):	.00	59.75	2.27	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.75	44.14	10.33
	OUTFLOW (cfs):	.00	5.75	42.92	10.58
MS05N01P	STAGE (ft):	75.50	5.92	78.43	11.42
	VOLUME (af):	.03	5.83	.44	11.42
	RUNOFF (cfs):	.00	59.75	1.90	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.75	42.92	10.58
	OUTFLOW (cfs):	.00	5.92	42.43	10.42

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MS07N01P	STAGE (ft):	62.00	6.00	65.80	11.08
	VOLUME (af):	.00	5.92	3.50	11.08
	RUNOFF (cfs):	.00	59.75	20.64	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.17	9.27	11.08
MS08N01P	STAGE (ft):	61.50	6.17	65.40	18.67
	VOLUME (af):	.00	5.92	3.53	18.67
	RUNOFF (cfs):	.00	59.75	9.32	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-1.77	14.50	.64	18.83
MCCOY-S	STAGE (ft):	62.29	6.33	65.38	18.08
	VOLUME (af):	26.43	6.33	111.32	18.08
	RUNOFF (cfs):	.00	59.75	105.69	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.00	116.51	10.67
	OUTFLOW (cfs):	.53	6.83	22.94	17.58
PA02N01P	STAGE (ft):	143.00	6.83	148.24	59.75
	VOLUME (af):	.00	6.67	13.59	59.75
	RUNOFF (cfs):	.00	59.75	33.73	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PA05N01P	STAGE (ft):	62.00	2.50	67.84	11.33
	VOLUME (af):	.37	2.50	21.81	11.33
	RUNOFF (cfs):	.00	32.25	172.33	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	2.50	147.66	11.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		<-- MINIMUMS -->		<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
MN01N01D	STAGE (ft):	113.73	6.00	115.44	18.92
	VOLUME (af):	.00	6.00	.15	18.92
	RUNOFF (cfs):	.00	59.75	.61	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	12.03	19.67
	OUTFLOW (cfs):	1.49	6.00	12.06	19.75
MN02N01P	STAGE (ft):	114.00	5.50	115.55	9.33
	VOLUME (af):	.00	5.42	.35	9.33
	RUNOFF (cfs):	.00	59.75	8.36	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.33	7.02	9.33
MN02N02D	STAGE (ft):	112.24	.00	114.38	14.08
	VOLUME (af):	.02	.00	.24	14.08
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.49	6.00	13.11	14.08
	OUTFLOW (cfs):	.00	.00	13.10	14.08
MN03N01P	STAGE (ft):	105.00	7.00	106.27	10.33
	VOLUME (af):	.00	6.92	.13	10.33
	RUNOFF (cfs):	.00	29.00	5.15	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.67	5.11	10.33
MN03N02D	STAGE (ft):	94.23	.00	97.60	11.58
	VOLUME (af):	.00	.00	.34	11.58
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	14.11	11.25
	OUTFLOW (cfs):	.00	.00	14.04	11.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN03N03D	STAGE (ft):	86.47	7.00	89.03	10.83
	VOLUME (af):	.00	.50	.26	10.83
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	16.99	10.67
	OUTFLOW (cfs):	.00	7.00	16.96	10.83
MN07N01P	STAGE (ft):	68.20	7.00	70.12	10.75
	VOLUME (af):	.00	6.92	.69	10.75
	RUNOFF (cfs):	.00	59.75	24.14	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	24.06	10.75
MN08N01P	STAGE (ft):	67.00	6.75	72.00	20.00
	VOLUME (af):	.00	6.67	.88	20.00
	RUNOFF (cfs):	.00	59.75	2.52	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.17	20.00
MN09N01P	STAGE (ft):	62.00	7.00	65.76	11.25
	VOLUME (af):	.00	6.92	1.14	11.25
	RUNOFF (cfs):	.00	59.75	8.71	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.83	6.20	11.25
MN10N01P	STAGE (ft):	62.50	7.25	64.96	13.17
	VOLUME (af):	.00	7.17	1.03	13.17
	RUNOFF (cfs):	.00	59.75	4.74	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.83	2.53	13.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	6.75	65.01	10.67
	VOLUME (af):	.00	6.67	.45	10.67
	RUNOFF (cfs):	.00	59.75	3.22	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.25	2.02	10.67
MN12N01D	STAGE (ft):	116.11	59.75	119.00	.00
	VOLUME (af):	-.06	6.17	.02	.00
	RUNOFF (cfs):	.00	59.75	39.68	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	60.28	.00
MN13N01W	STAGE (ft):	101.50	.00	104.32	14.17
	VOLUME (af):	.00	.00	31.02	14.17
	RUNOFF (cfs):	.00	59.75	78.85	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	60.28	.00
	OUTFLOW (cfs):	.00	.00	52.14	14.17
MN14N01D	STAGE (ft):	69.87	2.00	74.31	11.50
	VOLUME (af):	.09	2.00	.54	11.50
	RUNOFF (cfs):	.00	59.75	48.82	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	48.45	14.17
	OUTFLOW (cfs):	.00	6.00	77.31	11.50
MN15N01D	STAGE (ft):	133.00	.00	135.76	10.33
	VOLUME (af):	.02	.00	.32	10.33
	RUNOFF (cfs):	.00	59.75	24.60	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.21	5.75	17.80	16.92
	OUTFLOW (cfs):	.00	.00	31.49	10.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		|<-- MINIMUMS -->		|<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	129.77	10.17
	VOLUME (af):	.12	.50	.46	10.17
	RUNOFF (cfs):	.00	59.75	7.97	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	31.49	10.33
	OUTFLOW (cfs):	.00	.75	37.35	10.17
MN17N01D	STAGE (ft):	119.40	.00	122.99	10.08
	VOLUME (af):	.04	.00	.45	10.08
	RUNOFF (cfs):	.00	59.75	7.09	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	37.35	10.17
	OUTFLOW (cfs):	.00	.00	42.40	10.08
MN18N01W	STAGE (ft):	61.50	.50	65.54	10.42
	VOLUME (af):	.21	.50	5.38	10.42
	RUNOFF (cfs):	.00	59.75	42.32	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	113.79	10.58
	OUTFLOW (cfs):	.00	.00	153.76	10.42
MN19N01P	STAGE (ft):	100.00	4.00	105.03	59.75
	VOLUME (af):	.00	3.75	6.74	59.75
	RUNOFF (cfs):	.00	59.75	19.11	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-N	STAGE (ft):	61.49	5.75	63.74	18.75
	VOLUME (af):	45.85	5.75	287.53	18.75
	RUNOFF (cfs):	.00	59.75	284.07	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.94	.50	355.14	11.17
	OUTFLOW (cfs):	2.17	.00	166.87	15.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	63.49	23.58
	VOLUME (af):	.01	.00	2.95	23.58
	RUNOFF (cfs):	.00	59.75	5.84	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	166.87	15.92
	OUTFLOW (cfs):	.00	.25	162.50	16.42
LC01N01L	STAGE (ft):	81.60	7.00	83.45	23.33
	VOLUME (af):	6.31	7.00	14.37	23.33
	RUNOFF (cfs):	.00	37.25	13.02	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	18.25	1.66	23.33
LC02N01P	STAGE (ft):	85.00	7.00	88.08	10.25
	VOLUME (af):	.00	6.92	.58	10.25
	RUNOFF (cfs):	.00	59.75	9.25	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.33	9.22	10.25
LC03N01P	STAGE (ft):	60.20	7.25	63.44	11.58
	VOLUME (af):	.00	6.92	1.56	11.58
	RUNOFF (cfs):	.00	59.75	9.76	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.75	8.81	11.58
LC04N01P	STAGE (ft):	60.40	6.50	62.76	36.25
	VOLUME (af):	.00	6.42	4.36	36.25
	RUNOFF (cfs):	.00	59.75	13.93	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.85	29.25	2.75	14.50

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	6.75	67.06	13.17
	VOLUME (af):	.06	6.67	1.58	13.17
	RUNOFF (cfs):	.00	59.75	16.20	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.46	57.00	11.96	10.17
LC05N02D	STAGE (ft):	64.25	7.67	66.95	13.25
	VOLUME (af):	.00	6.92	.29	13.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.46	57.00	11.96	10.17
	OUTFLOW (cfs):	-.56	35.25	11.43	10.08
LC05N03D	STAGE (ft):	63.30	8.08	66.84	13.25
	VOLUME (af):	.00	7.58	.39	13.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.56	35.25	11.43	10.08
	OUTFLOW (cfs):	-1.12	59.00	9.60	10.08
LC06N01P	STAGE (ft):	63.00	6.75	66.81	13.25
	VOLUME (af):	.00	6.67	4.42	13.25
	RUNOFF (cfs):	.00	59.75	12.83	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-1.12	59.00	9.60	10.08
	OUTFLOW (cfs):	.00	10.50	10.94	13.25
LC07N01P	STAGE (ft):	67.00	6.75	71.56	59.75
	VOLUME (af):	.00	6.67	1.51	59.75
	RUNOFF (cfs):	.00	59.75	4.20	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
CORONI-S	STAGE (ft):	59.30	.50	62.76	35.75
	VOLUME (af):	9.47	.50	61.21	35.75
	RUNOFF (cfs):	.00	59.75	28.51	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.25	163.61	16.33
	OUTFLOW (cfs):	.00	.00	122.57	17.17
CORONI-N	STAGE (ft):	59.30	.50	62.76	35.75
	VOLUME (af):	38.62	.50	169.49	35.75
	RUNOFF (cfs):	.00	59.75	57.73	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	135.55	15.25
	OUTFLOW (cfs):	1.43	.50	80.15	36.00
LP01N01W	STAGE (ft):	121.30	4.75	123.08	9.00
	VOLUME (af):	.58	4.75	1.94	9.00
	RUNOFF (cfs):	.00	29.50	83.33	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	88.74	9.50
LP02N01D	STAGE (ft):	111.30	.00	117.08	9.75
	VOLUME (af):	.06	.00	1.18	9.75
	RUNOFF (cfs):	.00	30.75	38.57	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.20	59.75	96.29	9.58
	OUTFLOW (cfs):	.04	.25	133.55	9.75
LP03N01P	STAGE (ft):	126.04	59.75	128.04	12.17
	VOLUME (af):	.11	59.75	6.73	12.17
	RUNOFF (cfs):	.00	59.75	28.74	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.20	59.75	12.53	12.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	3.50	120.04	9.50
	VOLUME (af):	.09	3.50	.61	9.50
	RUNOFF (cfs):	.00	59.75	72.44	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	4.25	72.43	9.50
LP05N01P	STAGE (ft):	97.50	3.00	99.29	11.58
	VOLUME (af):	6.08	3.00	14.17	11.58
	RUNOFF (cfs):	.00	59.75	23.64	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-8.38	8.50	10.63	14.67
LP06N01P	STAGE (ft):	97.50	2.75	99.05	9.25
	VOLUME (af):	4.90	2.75	10.41	9.25
	RUNOFF (cfs):	.00	59.75	87.55	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-8.38	8.50	10.63	14.67
	OUTFLOW (cfs):	.00	2.75	68.32	9.25
LP07N01W	STAGE (ft):	92.70	.00	95.97	10.00
	VOLUME (af):	.00	.00	.36	10.00
	RUNOFF (cfs):	.00	59.75	49.27	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	271.61	9.58
	OUTFLOW (cfs):	.00	1.50	307.92	10.00
LP08N01W	STAGE (ft):	99.80	4.25	102.67	10.25
	VOLUME (af):	.08	4.25	.37	10.25
	RUNOFF (cfs):	.00	31.25	25.51	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	3.68	14.17
	OUTFLOW (cfs):	.00	5.17	25.86	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	6.50	102.30	10.25
	VOLUME (af):	.02	5.25	.32	10.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.17	20.13	10.25
	OUTFLOW (cfs):	.00	6.50	20.13	10.33
LP09N01P	STAGE (ft):	95.20	4.00	98.95	10.08
	VOLUME (af):	7.10	4.00	10.55	10.08
	RUNOFF (cfs):	.00	59.75	22.46	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.92	15.73	10.08
LP10N01D	STAGE (ft):	95.80	5.17	98.15	10.17
	VOLUME (af):	.00	5.17	.28	10.17
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.50	35.84	10.08
	OUTFLOW (cfs):	.00	5.17	35.84	10.17
LP10N02D	STAGE (ft):	90.20	.75	93.99	10.00
	VOLUME (af):	.00	.75	.38	10.00
	RUNOFF (cfs):	.00	34.00	14.16	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	1.50	343.71	10.00
	OUTFLOW (cfs):	.00	.75	357.22	10.00
LP10N03P	STAGE (ft):	86.80	.75	93.23	10.08
	VOLUME (af):	.05	.75	2.46	10.08
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	357.22	10.00
	OUTFLOW (cfs):	.00	5.25	357.24	10.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	81.09	59.75
	VOLUME (af):	.00	6.42	2.98	59.75
	RUNOFF (cfs):	.00	59.75	8.51	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	61.36	36.50
	VOLUME (af):	.09	.00	1.73	36.50
	RUNOFF (cfs):	.00	59.75	13.69	10.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.50	80.15	36.00
	OUTFLOW (cfs):	.00	.00	80.12	36.75
LP14N01P	STAGE (ft):	60.00	7.00	64.35	10.08
	VOLUME (af):	.00	6.67	.98	10.08
	RUNOFF (cfs):	.00	59.75	9.94	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.50	9.86	10.08
LP14N02P	STAGE (ft):	60.00	9.50	62.80	12.00
	VOLUME (af):	.00	9.50	1.05	12.00
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.50	9.86	10.08
	OUTFLOW (cfs):	.00	10.25	4.56	12.00
PREVATT	STAGE (ft):	57.09	5.42	59.35	24.42
	VOLUME (af):	294.30	5.42	571.18	24.42
	RUNOFF (cfs):	.00	59.75	186.54	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	379.62	10.08
	OUTFLOW (cfs):	4.16	5.42	110.10	24.42

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	49.61	21.08
	VOLUME (af):	.00	.00	11.00	21.08
	RUNOFF (cfs):	.00	59.75	30.90	12.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.16	5.42	110.10	24.42
	OUTFLOW (cfs):	.00	10.92	118.35	21.17
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	10.92	388.05	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.92	118.35	21.17
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	15.80	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.18	59.75	7.15	9.50
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	148.30	6.98	54.19	.00	.00	52.31
DL02N01W	148.05	23.76	35.82	.00	45.17	5.23
DL03N01P	145.68	11.25	40.08	.00	5.23	6.54
DL03N02D	140.41	.17	.00	.00	6.54	6.53
DREAM	116.08	41.56	87.70	.00	6.53	12.03
BP01N01P	141.65	6.67	42.23	.00	.00	19.95
BP02N01P	144.81	2.55	17.69	.00	.00	12.69
BP03N01P	146.21	3.77	22.56	.00	.00	14.29
BP04N01P	141.58	5.39	35.37	.00	26.92	45.76
BUCHAN	139.60	75.34	42.89	.00	65.37	17.80
MS01N01W	92.23	4.80	73.99	.00	.00	56.53
MS02N01P	83.28	2.22	15.63	.00	56.53	65.04
MS03N01P	90.50	.48	45.90	.00	.00	44.14
MS04N01P	86.23	.92	2.27	.00	44.14	42.92
MS05N01P	78.43	.44	1.90	.00	42.92	42.43
MS07N01P	65.80	3.50	20.64	.00	.00	9.27
MS08N01P	65.40	3.53	9.32	.00	.00	.64
MCCOY-S	65.38	111.32	105.69	.00	116.51	22.94
PA02N01P	148.24	13.59	33.73	.00	.00	.00
PA05N01P	67.84	21.81	172.33	.00	.00	147.66
MN01N01D	115.44	.15	.61	.00	12.03	12.06
MN02N01P	115.55	.35	8.36	.00	.00	7.02
MN02N02D	114.38	.24	.00	.00	13.11	13.10
MN03N01P	106.27	.13	5.15	.00	.00	5.11
MN03N02D	97.60	.34	.00	.00	14.11	14.04
MN03N03D	89.03	.26	.00	.00	16.99	16.96
MN07N01P	70.12	.69	24.14	.00	.00	24.06
MN08N01P	72.00	.88	2.52	.00	.00	.17
MN09N01P	65.76	1.14	8.71	.00	.00	6.20
MN10N01P	64.96	1.03	4.74	.00	.00	2.53
MN11N01P	65.01	.45	3.22	.00	.00	2.02
MN12N01D	119.00	.02	39.68	.00	.00	60.28
MN13N01W	104.32	31.02	78.85	.00	60.28	52.14
MN14N01D	74.31	.54	48.82	.00	48.45	77.31
MN15N01D	135.76	.32	24.60	.00	17.80	31.49
MN16N01D	129.77	.46	7.97	.00	31.49	37.35
MN17N01D	122.99	.45	7.09	.00	37.35	42.40
MN18N01W	65.54	5.38	42.32	.00	113.79	153.76
MN19N01P	105.03	6.74	19.11	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MCCOY-N	63.74	287.53	284.07	.00	355.14	166.87
MN21N01L	63.49	2.95	5.84	.00	166.87	162.50
LC01N01L	83.45	14.37	13.02	.00	.00	1.66
LC02N01P	88.08	.58	9.25	.00	.00	9.22
LC03N01P	63.44	1.56	9.76	.00	.00	8.81
LC04N01P	62.76	4.36	13.93	.00	.00	2.75
LC05N01P	67.06	1.58	16.20	.00	.00	11.96
LC05N02D	66.95	.29	.00	.00	11.96	11.43
LC05N03D	66.84	.39	.00	.00	11.43	9.60
LC06N01P	66.81	4.42	12.83	.00	9.60	10.94
LC07N01P	71.56	1.51	4.20	.00	.00	.00
CORONI-S	62.76	61.21	28.51	.00	163.61	122.57
CORONI-N	62.76	169.49	57.73	.00	135.55	80.15
LP01N01W	123.08	1.94	83.33	.00	.00	88.74
LP02N01D	117.08	1.18	38.57	.00	96.29	133.55
LP03N01P	128.04	6.73	28.74	.00	.00	12.53
LP04N01D	120.04	.61	72.44	.00	.00	72.43
LP05N01P	99.29	14.17	23.64	.00	.00	10.63
LP06N01P	99.05	10.41	87.55	.00	10.63	68.32
LP07N01W	95.97	.36	49.27	.00	271.61	307.92
LP08N01W	102.67	.37	25.51	.00	3.68	25.86
LP08N02D	102.30	.32	.00	.00	20.13	20.13
LP09N01P	98.95	10.55	22.46	.00	.00	15.73
LP10N01D	98.15	.28	.00	.00	35.84	35.84
LP10N02D	93.99	.38	14.16	.00	343.71	357.22
LP10N03P	93.23	2.46	.00	.00	357.22	357.24
LP11N01L	81.09	2.98	8.51	.00	.00	.00
LP13N01W	61.36	1.73	13.69	.00	80.15	80.12
LP14N01P	64.35	.98	9.94	.00	.00	9.86
LP14N02P	62.80	1.05	.00	.00	9.86	4.56
PREVATT	59.35	571.18	186.54	.00	379.62	110.10
CARPENTR	49.61	11.00	30.90	.00	110.10	118.35
TW	48.10	388.05	.00	.00	118.35	.00
DW	100.00	15.80	.00	.00	7.15	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	9.50	45.17	DL01N01P	148.30	DL02N01W	146.07
MS03R03S	.00	.00	MS03N01P	87.00	MS04N01P	82.50
MS04R02S	.00	.00	MS04N01P	82.50	MS05N01P	75.50
MS05R02S	.00	.00	MS05N01P	75.50	MCCOY-S	62.30
DL02R01O	14.92	5.23	DL02N01W	148.05	DL03N01P	145.66
MS07R01S	11.08	9.27	MS07N01P	65.80	MCCOY-S	64.09
MS08R01S	18.83	.64	MS08N01P	65.40	MCCOY-S	65.38
MN03R03S	10.33	3.41	MN03N01P	106.27	MN03N03D	88.97
LP06R01S	9.25	68.32	LP06N01P	99.05	LP07N01W	95.93
DL05R02R	.00	.00	DREAM	114.50	MCCOY-N	61.50
MN09R02R	.00	.00	MN09N01P	62.00	MCCOY-N	61.50
MN21R02R	.00	.00	MN21N01L	59.00	CORONI-S	59.30
LP07R02R	10.00	266.07	LP07N01W	95.97	LP10N02D	93.99
MN03R01S	10.33	1.70	MN03N01P	106.27	MN03N02D	97.37
MN13R02O	.00	.00	MN13N01W	101.50	LP08N01W	99.80
LP10R04R	10.08	178.03	LP10N03P	93.23	PREVATT	57.70
LP08R02R	10.25	5.72	LP08N01W	102.67	LP13N01W	59.49
LP14R01S	10.08	9.86	LP14N01P	64.35	LP14N02P	61.07
PA02R03O	10.92	2.16	PA05N01P	67.76	MCCOY-N	62.55
DL03R02C	15.92	6.53	DL03N02D	140.41	DREAM	116.06
DL05R01C	19.58	12.03	DREAM	116.08	MN01N01D	115.44
MN01R01C	19.67	12.06	MN01N01D	115.44	MN02N02D	114.31
MN02R02C	14.08	13.10	MN02N02D	114.38	MN03N02D	97.57
MN03R02C	11.58	14.04	MN03N02D	97.60	MN03N03D	89.01
MN03R04C	10.83	16.96	MN03N03D	89.03	MCCOY-N	62.52
MS01R01C	11.00	56.53	MS01N01W	92.23	MS02N01P	83.27
MS09R01C	17.58	22.94	MCCOY-S	65.38	MCCOY-N	63.74
MN13R01C	14.17	3.68	MN13N01W	104.32	LP08N01W	101.94
MN15R01C	10.33	31.49	MN15N01D	135.76	MN16N01D	129.77
MN16R01C	10.17	37.35	MN16N01D	129.77	MN17N01D	122.98
MN17R01C	10.08	42.40	MN17N01D	122.99	MN18N01W	65.54
MN18R01C	10.42	153.76	MN18N01W	65.54	MCCOY-N	62.32
MN12R01C	.00	60.28	MN12N01D	119.00	MN13N01W	101.50
MN14R01C	11.50	77.31	MN14N01D	74.31	MN18N01W	65.52
LC08R01C	17.17	120.96	CORONI-S	61.44	CORONI-N	61.43
LC08R02C	11.58	11.44	CORONI-S	60.38	CORONI-N	59.90
LC05R01C	10.17	11.96	LC05N01P	66.48	LC05N02D	66.05
LC05R02C	10.08	11.43	LC05N02D	66.02	LC05N03D	65.42
LC05R03C	10.08	9.60	LC05N03D	65.42	LC06N01P	65.32
LP02R01C	9.75	64.54	LP02N01D	117.08	LP07N01W	95.97

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R02C	9.75	69.01	LP02N01D	117.08	LP07N01W	95.97
LP03R01C	12.17	12.53	LP03N01P	128.04	LP02N01D	115.07
LP04R01C	9.50	72.43	LP04N01D	120.04	LP07N01W	95.96
LP05R01C	14.67	10.63	LP05N01P	99.06	LP06N01P	98.28
LP08R01C	10.25	20.13	LP08N01W	102.67	LP08N02D	102.30
LP08R03C	10.33	20.13	LP08N02D	102.30	LP10N01D	98.14
LP07R01C	10.00	41.84	LP07N01W	95.97	LP10N02D	93.99
LP10R03C	10.08	179.21	LP10N03P	93.23	PREVATT	57.70
LC09R01C	35.75	80.15	CORONI-N	62.76	LP13N01W	61.36
LP13R01C	36.50	39.22	LP13N01W	61.36	PREVATT	59.23
LP13R02C	36.50	40.91	LP13N01W	61.36	PREVATT	59.23
CB01R01C	21.08	118.35	CARPENTR	49.61	TW	48.10
DL03R01S	15.75	6.54	DL03N01P	145.68	DL03N02D	140.41
MS02R01S	10.58	65.04	MS02N01P	83.28	MCCOY-S	63.79
MS03R01S	10.33	44.14	MS03N01P	90.48	MS04N01P	86.05
MS04R01S	10.58	42.92	MS04N01P	86.17	MS05N01P	78.04
MS05R01S	10.42	42.43	MS05N01P	77.94	MCCOY-S	63.69
PA05R01S	11.33	71.37	PA05N01P	67.84	MCCOY-N	62.74
PA05R02S	11.33	74.16	PA05N01P	67.84	MCCOY-N	62.74
BP01R01S	10.92	19.95	BP01N01P	141.65	BUCHAN	138.71
BP02R01S	10.08	12.69	BP02N01P	144.81	BP04N01P	141.54
BP03R01S	10.25	14.29	BP03N01P	146.21	BP04N01P	141.57
BP04R01S	10.33	45.76	BP04N01P	141.58	BUCHAN	138.47
BP05R01S	16.92	17.80	BUCHAN	139.60	MN15N01D	135.14
MN02R01S	9.33	7.02	MN02N01P	115.55	MN02N02D	114.10
MN09R01S	11.25	6.20	MN09N01P	65.76	MCCOY-N	62.70
MN10R01S	13.17	2.53	MN10N01P	64.96	MCCOY-N	63.32
MN11R01S	10.67	2.02	MN11N01P	65.01	MCCOY-N	62.44
MN21R01S	16.42	151.33	MN21N01L	63.25	CORONI-S	61.27
MN21R02S	14.92	11.44	MN21N01L	63.01	CORONI-S	60.90
LC01R01S	23.33	1.66	LC01N01L	83.45	CORONI-S	62.34
LC03R01S	11.58	8.81	LC03N01P	63.44	CORONI-N	59.90
LC04R01S	14.50	2.75	LC04N01P	62.72	CORONI-N	60.76
LC06R01S	13.25	10.94	LC06N01P	66.81	CORONI-N	60.41
LP09R01S	10.08	15.73	LP09N01P	98.95	LP10N01D	98.15
LP14R02S	12.00	4.56	LP14N02P	62.80	PREVATT	58.36
LP01R01X	9.50	88.74	LP01N01W	122.84	LP02N01D	116.97
MN20R01X	15.92	166.87	MCCOY-N	63.70	MN21N01L	63.17
DL01R02A	9.50	7.15	DL01N01P	148.30	DW	100.00
PA02R01A	.00	.00	PA02N01P	143.00	PA05N01P	62.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 10-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
MN07R01A	10.75	24.06	MN07N01P	70.12	MCCOY-N	62.48
MN08R01A	20.00	.17	MN08N01P	72.00	MCCOY-N	63.74
LC02R01A	10.25	9.22	LC02N01P	88.08	CORONI-S	59.92
LC07R01A	.00	.00	LC07N01P	67.00	CORONI-N	59.30
MN13R01A	14.17	48.45	MN13N01W	104.32	MN14N01D	74.12
MN19R01A	.00	.00	MN19N01P	100.00	MCCOY-N	61.50
LP10R01A	10.17	35.84	LP10N01D	98.15	LP10N02D	93.99
LP10R02A	10.00	357.22	LP10N02D	93.99	LP10N03P	93.23
LP16R01A	24.33	110.10	PREVATT	59.35	CARPENTR	49.60

25-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
DL01N01P	STAGE (ft):	144.78	59.75	148.33	9.33
	VOLUME (af):	.98	59.75	7.07	9.33
	RUNOFF (cfs):	.00	27.00	63.27	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.02	59.75	62.57	9.33
DL02N01W	STAGE (ft):	143.98	4.00	148.13	12.58
	VOLUME (af):	1.64	3.75	24.65	12.58
	RUNOFF (cfs):	.00	59.75	42.67	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-3.44	20.75	55.39	9.33
	OUTFLOW (cfs):	.00	59.75	25.68	12.58
DL03N01P	STAGE (ft):	142.70	5.25	146.61	15.17
	VOLUME (af):	.00	5.17	17.49	15.17
	RUNOFF (cfs):	.00	59.75	49.56	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	25.68	12.58
	OUTFLOW (cfs):	.00	9.08	15.63	15.17
DL03N02D	STAGE (ft):	139.10	9.67	141.24	15.25
	VOLUME (af):	.03	9.17	.26	15.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.08	15.63	15.17
	OUTFLOW (cfs):	.00	9.67	15.62	15.33
DREAM	STAGE (ft):	114.45	6.58	116.72	21.25
	VOLUME (af):	12.40	6.58	54.32	21.25
	RUNOFF (cfs):	.00	59.75	110.65	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.67	15.62	15.33
	OUTFLOW (cfs):	.00	.00	15.13	21.42

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	5.00	142.03	10.50
	VOLUME (af):	.00	4.75	7.80	10.50
	RUNOFF (cfs):	.00	59.75	51.65	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.75	26.52	10.50
BP02N01P	STAGE (ft):	143.00	4.25	144.91	9.92
	VOLUME (af):	.00	4.00	2.72	9.92
	RUNOFF (cfs):	.00	59.75	21.06	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.17	16.17	9.92
BP03N01P	STAGE (ft):	143.50	3.75	146.34	10.08
	VOLUME (af):	.00	3.75	4.06	10.08
	RUNOFF (cfs):	.00	59.75	26.55	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.25	18.58	10.08
BP04N01P	STAGE (ft):	139.00	3.75	141.95	10.25
	VOLUME (af):	.03	3.50	6.25	10.25
	RUNOFF (cfs):	.00	59.75	41.53	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.17	34.66	10.00
	OUTFLOW (cfs):	.00	7.08	58.54	10.25
BUCHAN	STAGE (ft):	137.64	5.33	140.02	16.58
	VOLUME (af):	38.62	5.33	83.89	16.58
	RUNOFF (cfs):	.00	30.25	50.66	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.08	84.79	10.33
	OUTFLOW (cfs):	2.22	5.33	22.08	16.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
MS01N01W	STAGE (ft):	82.30	5.08	93.84	11.33
	VOLUME (af):	.00	5.00	7.65	11.33
	RUNOFF (cfs):	.00	59.75	91.72	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	6.17	60.58	11.50
MS02N01P	STAGE (ft):	80.00	4.75	83.63	10.42
	VOLUME (af):	.00	4.75	2.55	10.42
	RUNOFF (cfs):	.00	26.00	19.03	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.17	60.58	11.50
	OUTFLOW (cfs):	.00	4.75	70.56	10.42
MS03N01P	STAGE (ft):	87.00	5.25	93.08	10.75
	VOLUME (af):	.03	5.25	1.35	10.75
	RUNOFF (cfs):	.00	59.75	56.95	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.25	50.14	10.25
MS04N01P	STAGE (ft):	82.50	5.42	87.69	11.25
	VOLUME (af):	.02	5.33	1.61	11.25
	RUNOFF (cfs):	.00	59.75	2.96	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.25	50.14	10.25
	OUTFLOW (cfs):	.00	5.42	48.27	11.25
MS05N01P	STAGE (ft):	75.50	5.58	79.16	11.83
	VOLUME (af):	.03	5.50	.67	11.83
	RUNOFF (cfs):	.00	59.75	2.45	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.42	48.27	11.25
	OUTFLOW (cfs):	.00	5.58	48.36	11.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
MS07N01P	STAGE (ft):	62.00	5.75	66.23	10.33
	VOLUME (af):	.00	5.67	3.89	10.33
	RUNOFF (cfs):	.00	59.75	25.86	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	14.58	14.68	10.33
MS08N01P	STAGE (ft):	61.50	6.00	66.10	17.33
	VOLUME (af):	.00	5.67	4.16	17.33
	RUNOFF (cfs):	.00	59.75	11.90	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-1.54	13.75	.88	18.67
MCCOY-S	STAGE (ft):	62.29	6.00	66.09	17.00
	VOLUME (af):	26.45	6.00	133.86	17.00
	RUNOFF (cfs):	.00	30.00	134.54	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	130.33	11.08
	OUTFLOW (cfs):	.54	6.17	31.40	17.00
PA02N01P	STAGE (ft):	143.00	6.58	149.36	59.75
	VOLUME (af):	.00	6.42	17.25	59.75
	RUNOFF (cfs):	.00	59.75	43.10	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
PA05N01P	STAGE (ft):	62.00	2.25	68.79	11.33
	VOLUME (af):	.37	2.25	25.30	11.33
	RUNOFF (cfs):	.00	59.75	213.02	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	2.25	181.08	11.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN01N01D	STAGE (ft):	113.73	5.75	115.92	23.08
	VOLUME (af):	.00	5.75	.20	23.08
	RUNOFF (cfs):	.00	59.75	.75	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	15.13	21.42
	OUTFLOW (cfs):	1.50	5.67	15.16	21.17
MN02N01P	STAGE (ft):	114.00	5.25	115.79	9.33
	VOLUME (af):	.00	5.17	.44	9.33
	RUNOFF (cfs):	.00	59.75	10.29	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.01	30.00	8.57	9.25
MN02N02D	STAGE (ft):	112.24	.00	114.58	10.42
	VOLUME (af):	.02	.00	.26	10.42
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.50	5.67	15.61	18.67
	OUTFLOW (cfs):	.00	.00	16.24	15.33
MN03N01P	STAGE (ft):	105.00	6.75	106.33	10.25
	VOLUME (af):	.00	6.67	.14	10.25
	RUNOFF (cfs):	.00	59.75	6.95	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.33	6.92	10.25
MN03N02D	STAGE (ft):	94.23	.00	98.66	11.25
	VOLUME (af):	.00	.00	.45	11.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	17.35	10.42
	OUTFLOW (cfs):	.00	.00	17.03	11.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
MN03N03D	STAGE (ft):	86.47	6.83	89.48	10.75
	VOLUME (af):	.00	.50	.30	10.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	21.24	10.58
	OUTFLOW (cfs):	.00	6.83	21.19	10.75
MN07N01P	STAGE (ft):	68.20	6.75	70.16	10.58
	VOLUME (af):	.00	6.67	.76	10.58
	RUNOFF (cfs):	.00	59.75	32.87	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	32.72	10.58
MN08N01P	STAGE (ft):	67.00	6.50	72.01	12.75
	VOLUME (af):	.00	6.42	.88	12.75
	RUNOFF (cfs):	.00	59.75	3.36	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	1.16	12.75
MN09N01P	STAGE (ft):	62.00	6.75	65.99	10.17
	VOLUME (af):	.00	6.67	1.21	10.17
	RUNOFF (cfs):	.00	27.25	11.67	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.33	11.52	10.17
MN10N01P	STAGE (ft):	62.50	7.00	65.19	11.92
	VOLUME (af):	.00	6.92	1.15	11.92
	RUNOFF (cfs):	.00	28.75	6.55	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.17	4.25	11.92

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	6.50	65.28	10.42
	VOLUME (af):	.00	6.42	.53	10.42
	RUNOFF (cfs):	.00	59.75	4.34	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.83	3.02	10.42
MN12N01D	STAGE (ft):	116.11	59.75	119.00	.00
	VOLUME (af):	-.06	5.75	.02	.00
	RUNOFF (cfs):	.00	59.75	50.52	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	60.28	.00
MN13N01W	STAGE (ft):	101.50	.00	104.61	13.67
	VOLUME (af):	.00	.00	35.83	13.67
	RUNOFF (cfs):	.00	59.75	93.47	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	60.28	.00
	OUTFLOW (cfs):	.00	.00	70.19	13.67
MN14N01D	STAGE (ft):	69.87	2.00	75.12	12.08
	VOLUME (af):	.09	2.00	.62	12.08
	RUNOFF (cfs):	.00	59.75	59.18	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	65.18	13.67
	OUTFLOW (cfs):	.00	5.67	99.27	12.08
MN15N01D	STAGE (ft):	133.00	.00	136.13	10.33
	VOLUME (af):	.02	.00	.36	10.33
	RUNOFF (cfs):	.00	59.75	30.43	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.22	5.33	22.08	16.58
	OUTFLOW (cfs):	.00	.00	39.12	10.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	130.18	10.17
	VOLUME (af):	.12	.50	.51	10.17
	RUNOFF (cfs):	.00	59.75	9.50	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	39.12	10.33
	OUTFLOW (cfs):	.00	.75	46.01	10.17
MN17N01D	STAGE (ft):	119.40	.00	123.61	10.08
	VOLUME (af):	.04	.00	.52	10.08
	RUNOFF (cfs):	.00	59.75	8.37	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	46.01	10.17
	OUTFLOW (cfs):	.00	.00	51.90	10.08
MN18N01W	STAGE (ft):	61.50	.50	65.62	10.42
	VOLUME (af):	.21	.50	5.66	10.42
	RUNOFF (cfs):	.00	59.75	52.88	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	141.86	10.67
	OUTFLOW (cfs):	.00	.00	191.33	10.42
MN19N01P	STAGE (ft):	100.00	3.75	105.96	59.75
	VOLUME (af):	.00	3.50	7.98	59.75
	RUNOFF (cfs):	.00	59.75	22.44	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
MCCOY-N	STAGE (ft):	61.49	5.42	64.14	17.33
	VOLUME (af):	45.88	5.42	339.83	17.33
	RUNOFF (cfs):	.00	59.75	349.08	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.94	.50	446.29	11.17
	OUTFLOW (cfs):	2.17	.00	216.05	16.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	63.82	21.42
	VOLUME (af):	.01	.00	3.94	21.42
	RUNOFF (cfs):	.00	29.25	7.73	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	216.05	16.58
	OUTFLOW (cfs):	.00	.25	216.01	16.67
LC01N01L	STAGE (ft):	81.60	6.75	83.64	19.33
	VOLUME (af):	6.31	6.75	15.23	19.33
	RUNOFF (cfs):	.00	37.25	17.35	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	14.83	4.97	19.33
LC02N01P	STAGE (ft):	85.00	6.75	88.17	10.25
	VOLUME (af):	.00	6.67	.60	10.25
	RUNOFF (cfs):	.00	28.00	12.29	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.92	12.28	10.25
LC03N01P	STAGE (ft):	60.20	7.00	63.66	11.67
	VOLUME (af):	.00	6.67	1.66	11.67
	RUNOFF (cfs):	.00	59.75	13.48	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.10	35.00	11.97	11.00
LC04N01P	STAGE (ft):	60.40	6.25	63.45	30.25
	VOLUME (af):	.00	6.17	5.64	30.25
	RUNOFF (cfs):	.00	59.75	18.29	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-2.02	22.00	6.14	13.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	6.50	67.72	11.83
	VOLUME (af):	.06	6.42	2.24	11.83
	RUNOFF (cfs):	.00	59.75	21.01	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.46	59.00	13.80	9.83
LC05N02D	STAGE (ft):	64.25	7.50	67.44	11.92
	VOLUME (af):	.00	6.67	.34	11.92
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.46	59.00	13.80	9.83
	OUTFLOW (cfs):	-.57	35.25	12.91	9.75
LC05N03D	STAGE (ft):	63.30	7.92	67.17	11.92
	VOLUME (af):	.00	7.58	.43	11.92
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.57	35.25	12.91	9.75
	OUTFLOW (cfs):	-1.12	56.50	10.65	9.67
LC06N01P	STAGE (ft):	63.00	6.50	67.10	11.83
	VOLUME (af):	.00	6.42	4.79	11.83
	RUNOFF (cfs):	.00	59.75	16.76	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-1.12	56.50	10.65	9.67
	OUTFLOW (cfs):	.00	9.92	17.28	11.83
LC07N01P	STAGE (ft):	67.00	6.50	72.01	15.08
	VOLUME (af):	.00	6.42	1.73	15.08
	RUNOFF (cfs):	.00	59.75	5.66	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	14.83	.60	15.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
CORONI-S	STAGE (ft):	59.30	.50	63.45	30.00
	VOLUME (af):	9.47	.50	76.29	30.00
	RUNOFF (cfs):	.00	59.75	37.48	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.25	220.57	16.83
	OUTFLOW (cfs):	.00	.00	166.95	16.67
CORONI-N	STAGE (ft):	59.30	.50	63.45	30.00
	VOLUME (af):	38.62	.50	200.17	30.00
	RUNOFF (cfs):	.00	59.75	73.48	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	180.30	16.67
	OUTFLOW (cfs):	-.17	10.00	102.10	29.50
LP01N01W	STAGE (ft):	121.30	4.50	123.12	8.75
	VOLUME (af):	.58	4.50	1.97	8.75
	RUNOFF (cfs):	.00	59.75	100.69	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	100.37	10.00
LP02N01D	STAGE (ft):	111.30	.00	117.33	10.08
	VOLUME (af):	.06	.00	1.23	10.08
	RUNOFF (cfs):	.00	30.75	46.14	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.21	59.75	111.98	10.17
	OUTFLOW (cfs):	.04	.25	157.89	10.08
LP03N01P	STAGE (ft):	126.04	59.75	128.27	12.17
	VOLUME (af):	.13	59.75	7.82	12.17
	RUNOFF (cfs):	.00	29.00	33.39	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.21	59.75	14.01	12.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	3.25	120.10	9.50
	VOLUME (af):	.09	3.25	.62	9.50
	RUNOFF (cfs):	.00	59.75	84.97	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	4.25	84.97	9.50
LP05N01P	STAGE (ft):	97.50	2.75	99.56	11.67
	VOLUME (af):	6.08	2.75	15.46	11.67
	RUNOFF (cfs):	.00	27.25	27.98	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-8.65	8.50	11.89	14.67
LP06N01P	STAGE (ft):	97.50	2.75	99.24	9.25
	VOLUME (af):	4.90	2.75	11.10	9.25
	RUNOFF (cfs):	.00	59.75	101.54	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-8.65	8.50	11.89	14.67
	OUTFLOW (cfs):	.00	2.75	81.71	9.25
LP07N01W	STAGE (ft):	92.70	.00	96.07	10.17
	VOLUME (af):	.00	.00	1.04	10.17
	RUNOFF (cfs):	.00	59.75	58.54	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	318.31	9.50
	OUTFLOW (cfs):	.00	1.50	363.76	10.17
LP08N01W	STAGE (ft):	99.80	4.00	102.75	10.25
	VOLUME (af):	.08	4.00	.38	10.25
	RUNOFF (cfs):	.00	31.25	30.46	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	5.01	13.67
	OUTFLOW (cfs):	.00	4.75	31.55	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	6.17	102.36	10.33
	VOLUME (af):	.02	5.00	.32	10.33
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	20.73	10.25
	OUTFLOW (cfs):	.00	6.17	20.72	10.33
LP09N01P	STAGE (ft):	95.20	4.00	99.40	10.25
	VOLUME (af):	7.10	3.75	10.96	10.25
	RUNOFF (cfs):	.00	59.75	26.51	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.58	17.98	9.50
LP10N01D	STAGE (ft):	95.80	4.75	98.21	9.50
	VOLUME (af):	.00	4.75	.28	9.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.17	38.49	9.50
	OUTFLOW (cfs):	.00	4.75	38.43	9.50
LP10N02D	STAGE (ft):	90.20	.75	94.21	10.17
	VOLUME (af):	.00	.75	.40	10.17
	RUNOFF (cfs):	.00	59.75	17.54	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	1.50	401.05	10.17
	OUTFLOW (cfs):	.00	.75	418.26	10.17
LP10N03P	STAGE (ft):	86.80	.75	93.33	10.25
	VOLUME (af):	.05	.75	2.55	10.25
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	418.26	10.17
	OUTFLOW (cfs):	.00	5.00	418.23	10.25

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	MINIMUMS --> TIME (hr)	<-- MAXIMUMS --> VALUE	MAXIMUMS --> TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	81.64	59.75
	VOLUME (af):	.00	6.17	3.87	59.75
	RUNOFF (cfs):	.00	59.75	11.21	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	62.17	31.00
	VOLUME (af):	.09	.00	3.38	31.00
	RUNOFF (cfs):	.00	34.50	17.85	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.50	102.10	29.50
	OUTFLOW (cfs):	.00	.00	101.88	31.25
LP14N01P	STAGE (ft):	60.00	6.50	64.40	10.00
	VOLUME (af):	.00	6.42	1.00	10.00
	RUNOFF (cfs):	.00	59.75	13.04	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.08	13.00	10.00
LP14N02P	STAGE (ft):	60.00	9.08	63.34	11.42
	VOLUME (af):	.00	9.08	1.32	11.42
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.08	13.00	10.00
	OUTFLOW (cfs):	.00	9.67	7.64	11.42
PREVATT	STAGE (ft):	57.09	5.17	59.76	23.58
	VOLUME (af):	294.33	5.17	627.21	23.58
	RUNOFF (cfs):	.00	36.75	245.03	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	451.66	10.33
	OUTFLOW (cfs):	4.16	5.17	153.01	23.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	49.75	20.25
	VOLUME (af):	.00	.00	11.34	20.25
	RUNOFF (cfs):	.00	38.75	46.02	12.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.16	5.17	153.01	23.58
	OUTFLOW (cfs):	.00	10.42	166.42	20.33
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	10.42	524.55	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	10.42	166.42	20.33
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	16.38	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.19	59.75	7.18	9.33
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	148.33	7.07	63.27	.00	.00	62.57
DL02N01W	148.13	24.65	42.67	.00	55.39	25.68
DL03N01P	146.61	17.49	49.56	.00	25.68	15.63
DL03N02D	141.24	.26	.00	.00	15.63	15.62
DREAM	116.72	54.32	110.65	.00	15.62	15.13
BP01N01P	142.03	7.80	51.65	.00	.00	26.52
BP02N01P	144.91	2.72	21.06	.00	.00	16.17
BP03N01P	146.34	4.06	26.55	.00	.00	18.58
BP04N01P	141.95	6.25	41.53	.00	34.66	58.54
BUCHAN	140.02	83.89	50.66	.00	84.79	22.08
MS01N01W	93.84	7.65	91.72	.00	.00	60.58
MS02N01P	83.63	2.55	19.03	.00	60.58	70.56
MS03N01P	93.08	1.35	56.95	.00	.00	50.14
MS04N01P	87.69	1.61	2.96	.00	50.14	48.27
MS05N01P	79.16	.67	2.45	.00	48.27	48.36
MS07N01P	66.23	3.89	25.86	.00	.00	14.68
MS08N01P	66.10	4.16	11.90	.00	.00	.88
MCCOY-S	66.09	133.86	134.54	.00	130.33	31.40
PA02N01P	149.36	17.25	43.10	.00	.00	.00
PA05N01P	68.79	25.30	213.02	.00	.00	181.08
MN01N01D	115.92	.20	.75	.00	15.13	15.16
MN02N01P	115.79	.44	10.29	.00	.00	8.57
MN02N02D	114.58	.26	.00	.00	15.61	16.24
MN03N01P	106.33	.14	6.95	.00	.00	6.92
MN03N02D	98.66	.45	.00	.00	17.35	17.03
MN03N03D	89.48	.30	.00	.00	21.24	21.19
MN07N01P	70.16	.76	32.87	.00	.00	32.72
MN08N01P	72.01	.88	3.36	.00	.00	1.16
MN09N01P	65.99	1.21	11.67	.00	.00	11.52
MN10N01P	65.19	1.15	6.55	.00	.00	4.25
MN11N01P	65.28	.53	4.34	.00	.00	3.02
MN12N01D	119.00	.02	50.52	.00	.00	60.28
MN13N01W	104.61	35.83	93.47	.00	60.28	70.19
MN14N01D	75.12	.62	59.18	.00	65.18	99.27
MN15N01D	136.13	.36	30.43	.00	22.08	39.12
MN16N01D	130.18	.51	9.50	.00	39.12	46.01
MN17N01D	123.61	.52	8.37	.00	46.01	51.90
MN18N01W	65.62	5.66	52.88	.00	141.86	191.33
MN19N01P	105.96	7.98	22.44	.00	.00	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			INFLOW			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MCCOY-N	64.14	339.83	349.08	.00	446.29	216.05
MN21N01L	63.82	3.94	7.73	.00	216.05	216.01
LC01N01L	83.64	15.23	17.35	.00	.00	4.97
LC02N01P	88.17	.60	12.29	.00	.00	12.28
LC03N01P	63.66	1.66	13.48	.00	.00	11.97
LC04N01P	63.45	5.64	18.29	.00	.00	6.14
LC05N01P	67.72	2.24	21.01	.00	.00	13.80
LC05N02D	67.44	.34	.00	.00	13.80	12.91
LC05N03D	67.17	.43	.00	.00	12.91	10.65
LC06N01P	67.10	4.79	16.76	.00	10.65	17.28
LC07N01P	72.01	1.73	5.66	.00	.00	.60
CORONI-S	63.45	76.29	37.48	.00	220.57	166.95
CORONI-N	63.45	200.17	73.48	.00	180.30	102.10
LP01N01W	123.12	1.97	100.69	.00	.00	100.37
LP02N01D	117.33	1.23	46.14	.00	111.98	157.89
LP03N01P	128.27	7.82	33.39	.00	.00	14.01
LP04N01D	120.10	.62	84.97	.00	.00	84.97
LP05N01P	99.56	15.46	27.98	.00	.00	11.89
LP06N01P	99.24	11.10	101.54	.00	11.89	81.71
LP07N01W	96.07	1.04	58.54	.00	318.31	363.76
LP08N01W	102.75	.38	30.46	.00	5.01	31.55
LP08N02D	102.36	.32	.00	.00	20.73	20.72
LP09N01P	99.40	10.96	26.51	.00	.00	17.98
LP10N01D	98.21	.28	.00	.00	38.49	38.43
LP10N02D	94.21	.40	17.54	.00	401.05	418.26
LP10N03P	93.33	2.55	.00	.00	418.26	418.23
LP11N01L	81.64	3.87	11.21	.00	.00	.00
LP13N01W	62.17	3.38	17.85	.00	102.10	101.88
LP14N01P	64.40	1.00	13.04	.00	.00	13.00
LP14N02P	63.34	1.32	.00	.00	13.00	7.64
PREVATT	59.76	627.21	245.03	.00	451.66	153.01
CARPENTR	49.75	11.34	46.02	.00	153.01	166.42
TW	48.10	524.55	.00	.00	166.42	.00
DW	100.00	16.38	.00	.00	7.18	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	9.33	55.39	DL01N01P	148.33	DL02N01W	146.28
MS03R03S	.00	.00	MS03N01P	87.00	MS04N01P	82.50
MS04R02S	.00	.00	MS04N01P	82.50	MS05N01P	75.50
MS05R02S	.00	.00	MS05N01P	75.50	MCCOY-S	62.30
DL02R01O	12.58	25.68	DL02N01W	148.13	DL03N01P	146.08
MS07R01S	10.33	14.68	MS07N01P	66.23	MCCOY-S	63.98
MS08R01S	18.67	.88	MS08N01P	66.09	MCCOY-S	66.08
MN03R03S	10.25	4.69	MN03N01P	106.33	MN03N03D	89.40
LP06R01S	9.25	81.71	LP06N01P	99.24	LP07N01W	96.02
DL05R02R	.00	.00	DREAM	114.50	MCCOY-N	61.50
MN09R02R	10.17	4.84	MN09N01P	65.99	MCCOY-N	62.44
MN21R02R	21.33	70.56	MN21N01L	63.82	CORONI-S	62.94
LP07R02R	10.17	320.70	LP07N01W	96.07	LP10N02D	94.21
MN03R01S	10.25	2.23	MN03N01P	106.33	MN03N02D	98.34
MN13R02O	.00	.00	MN13N01W	101.50	LP08N01W	99.80
LP10R04R	10.25	237.41	LP10N03P	93.33	PREVATT	57.96
LP08R02R	10.25	10.82	LP08N01W	102.75	LP13N01W	59.74
LP14R01S	10.00	13.00	LP14N01P	64.40	LP14N02P	62.20
PA02R03O	10.83	2.28	PA05N01P	68.66	MCCOY-N	62.82
DL03R02C	15.33	15.62	DL03N02D	141.24	DREAM	116.56
DL05R01C	21.33	15.13	DREAM	116.72	MN01N01D	115.73
MN01R01C	21.00	15.16	MN01N01D	115.73	MN02N02D	113.66
MN02R02C	15.33	16.24	MN02N02D	114.34	MN03N02D	98.25
MN03R02C	11.25	17.03	MN03N02D	98.66	MN03N03D	89.46
MN03R04C	10.75	21.19	MN03N03D	89.48	MCCOY-N	62.78
MS01R01C	11.50	60.58	MS01N01W	93.83	MS02N01P	83.54
MS09R01C	17.00	31.40	MCCOY-S	66.09	MCCOY-N	64.14
MN13R01C	13.67	5.01	MN13N01W	104.61	LP08N01W	102.51
MN15R01C	10.33	39.12	MN15N01D	136.13	MN16N01D	130.17
MN16R01C	10.17	46.01	MN16N01D	130.18	MN17N01D	123.60
MN17R01C	10.08	51.90	MN17N01D	123.61	MN18N01W	65.62
MN18R01C	10.42	191.33	MN18N01W	65.62	MCCOY-N	62.58
MN12R01C	.00	60.28	MN12N01D	119.00	MN13N01W	101.50
MN14R01C	12.08	99.27	MN14N01D	75.12	MN18N01W	65.59
LC08R01C	16.67	165.24	CORONI-S	61.99	CORONI-N	61.98
LC08R02C	10.75	11.44	CORONI-S	60.36	CORONI-N	59.88
LC05R01C	9.83	13.80	LC05N01P	66.85	LC05N02D	66.27
LC05R02C	9.75	12.91	LC05N02D	66.21	LC05N03D	65.65
LC05R03C	9.67	10.65	LC05N03D	65.51	LC06N01P	65.40
LP02R01C	10.08	86.52	LP02N01D	117.33	LP07N01W	96.07

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R02C	10.08	71.37	LP02N01D	117.33	LP07N01W	96.07
LP03R01C	12.17	14.01	LP03N01P	128.27	LP02N01D	115.53
LP04R01C	9.50	84.97	LP04N01D	120.10	LP07N01W	96.05
LP05R01C	14.67	11.89	LP05N01P	99.32	LP06N01P	98.35
LP08R01C	10.25	20.73	LP08N01W	102.75	LP08N02D	102.36
LP08R03C	10.33	20.72	LP08N02D	102.36	LP10N01D	98.18
LP07R01C	10.17	43.06	LP07N01W	96.07	LP10N02D	94.21
LP10R03C	10.25	180.82	LP10N03P	93.33	PREVATT	57.96
LC09R01C	29.50	102.10	CORONI-N	63.45	LP13N01W	62.16
LP13R01C	31.00	49.22	LP13N01W	62.17	PREVATT	59.65
LP13R02C	31.25	52.67	LP13N01W	62.17	PREVATT	59.64
CB01R01C	20.17	166.42	CARPENTR	49.75	TW	48.10
DL03R01S	15.17	15.63	DL03N01P	146.61	DL03N02D	141.24
MS02R01S	10.42	70.56	MS02N01P	83.63	MCCOY-S	64.04
MS03R01S	10.25	50.14	MS03N01P	92.76	MS04N01P	87.01
MS04R01S	11.25	48.27	MS04N01P	87.69	MS05N01P	79.07
MS05R01S	11.83	48.36	MS05N01P	79.16	MCCOY-S	64.91
PA05R01S	11.33	85.35	PA05N01P	68.79	MCCOY-N	63.08
PA05R02S	11.25	93.51	PA05N01P	68.79	MCCOY-N	63.04
BP01R01S	10.50	26.52	BP01N01P	142.03	BUCHAN	138.82
BP02R01S	9.92	16.17	BP02N01P	144.91	BP04N01P	141.88
BP03R01S	10.08	18.58	BP03N01P	146.34	BP04N01P	141.93
BP04R01S	10.25	58.54	BP04N01P	141.95	BUCHAN	138.69
BP05R01S	16.58	22.08	BUCHAN	140.02	MN15N01D	135.43
MN02R01S	9.25	8.57	MN02N01P	115.79	MN02N02D	114.32
MN09R01S	10.17	6.68	MN09N01P	65.99	MCCOY-N	62.44
MN10R01S	11.92	4.25	MN10N01P	65.19	MCCOY-N	63.32
MN11R01S	10.42	3.02	MN11N01P	65.28	MCCOY-N	62.58
MN21R01S	14.50	171.08	MN21N01L	63.62	CORONI-S	61.32
MN21R02S	14.33	12.46	MN21N01L	63.57	CORONI-S	61.27
LC01R01S	19.33	4.97	LC01N01L	83.64	CORONI-S	62.60
LC03R01S	11.00	11.97	LC03N01P	63.61	CORONI-N	59.97
LC04R01S	13.17	6.14	LC04N01P	62.87	CORONI-N	60.84
LC06R01S	11.83	17.28	LC06N01P	67.10	CORONI-N	60.33
LP09R01S	9.50	17.98	LP09N01P	99.22	LP10N01D	98.21
LP14R02S	11.42	7.64	LP14N02P	63.34	PREVATT	58.46
LP01R01X	10.00	100.37	LP01N01W	122.99	LP02N01D	117.33
MN20R01X	16.58	216.05	MCCOY-N	64.13	MN21N01L	63.78
DL01R02A	9.33	7.18	DL01N01P	148.33	DW	100.00
PA02R01A	.00	.00	PA02N01P	143.00	PA05N01P	62.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 25-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
MN07R01A	10.58	32.72	MN07N01P	70.16	MCCOY-N	62.68
MN08R01A	12.67	1.16	MN08N01P	72.01	MCCOY-N	63.57
LC02R01A	10.25	12.28	LC02N01P	88.17	CORONI-S	60.14
LC07R01A	15.08	.60	LC07N01P	72.01	CORONI-N	61.50
MN13R01A	13.67	65.18	MN13N01W	104.61	MN14N01D	75.03
MN19R01A	.00	.00	MN19N01P	100.00	MCCOY-N	61.50
LP10R01A	9.50	38.43	LP10N01D	98.21	LP10N02D	94.16
LP10R02A	10.17	418.26	LP10N02D	94.21	LP10N03P	93.33
LP16R01A	23.58	153.01	PREVATT	59.76	CARPENTR	49.74

100-YEAR, 24-HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	<-- MINIMUMS --> TIME (hr)	<-- MAXIMUMS --> VALUE	<-- MAXIMUMS --> TIME (hr)
DL01N01P	STAGE (ft):	144.79	59.75	148.39	9.25
	VOLUME (af):	.98	59.75	7.22	9.25
	RUNOFF (cfs):	.00	27.00	79.66	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.02	59.75	79.06	9.25
DL02N01W	STAGE (ft):	143.98	3.75	148.27	11.08
	VOLUME (af):	1.64	3.50	25.97	11.08
	RUNOFF (cfs):	.00	59.75	55.12	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-3.52	21.75	71.83	9.25
	OUTFLOW (cfs):	.00	59.75	71.08	11.08
DL03N01P	STAGE (ft):	142.70	4.75	148.07	14.33
	VOLUME (af):	.00	4.75	27.26	14.33
	RUNOFF (cfs):	.00	59.75	67.21	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	71.08	11.08
	OUTFLOW (cfs):	.00	8.58	33.80	15.33
DL03N02D	STAGE (ft):	139.10	9.00	142.59	13.50
	VOLUME (af):	.03	8.67	.40	13.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.58	33.80	15.33
	OUTFLOW (cfs):	.00	9.00	33.48	13.50
DREAM	STAGE (ft):	114.45	6.17	118.16	23.58
	VOLUME (af):	12.44	6.17	85.82	23.58
	RUNOFF (cfs):	.00	59.75	156.68	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.00	33.48	13.50
	OUTFLOW (cfs):	.00	.00	17.85	23.58

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
BP01N01P	STAGE (ft):	139.00	4.50	142.68	10.42
	VOLUME (af):	.00	4.50	9.90	10.42
	RUNOFF (cfs):	.00	59.75	68.99	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.33	37.72	10.33
BP02N01P	STAGE (ft):	143.00	4.00	145.08	9.50
	VOLUME (af):	.00	3.75	3.03	9.50
	RUNOFF (cfs):	.00	59.75	27.19	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.75	22.53	9.50
BP03N01P	STAGE (ft):	143.50	3.50	146.60	10.08
	VOLUME (af):	.00	3.50	4.60	10.08
	RUNOFF (cfs):	.00	59.75	33.79	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.83	24.22	9.33
BP04N01P	STAGE (ft):	139.00	3.50	142.57	10.17
	VOLUME (af):	.03	3.25	7.81	10.17
	RUNOFF (cfs):	.00	59.75	52.67	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	7.75	46.70	9.42
	OUTFLOW (cfs):	.00	6.67	78.90	10.17
BUCHAN	STAGE (ft):	137.65	5.00	140.70	16.17
	VOLUME (af):	38.69	5.00	99.08	16.17
	RUNOFF (cfs):	.00	30.25	64.96	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	6.67	116.35	10.25
	OUTFLOW (cfs):	2.24	5.00	29.00	16.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
MS01N01W	STAGE (ft):	82.30	4.75	96.33	11.75
	VOLUME (af):	.00	4.50	14.38	11.75
	RUNOFF (cfs):	.00	59.75	124.73	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	5.67	66.30	12.08
MS02N01P	STAGE (ft):	80.00	4.25	84.24	10.42
	VOLUME (af):	.00	4.25	3.11	10.42
	RUNOFF (cfs):	.00	59.75	25.27	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.67	66.30	12.08
	OUTFLOW (cfs):	.00	4.25	78.80	10.42
MS03N01P	STAGE (ft):	87.00	4.75	94.26	10.33
	VOLUME (af):	.03	4.75	1.94	10.33
	RUNOFF (cfs):	.00	59.75	77.99	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	4.75	77.11	9.83
MS04N01P	STAGE (ft):	82.50	4.75	90.27	10.58
	VOLUME (af):	.02	4.75	3.19	10.58
	RUNOFF (cfs):	.00	59.75	4.35	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	77.11	9.83
	OUTFLOW (cfs):	.00	4.75	73.88	10.58
MS05N01P	STAGE (ft):	75.50	5.08	80.39	10.75
	VOLUME (af):	.03	4.75	1.23	10.75
	RUNOFF (cfs):	.00	59.75	3.49	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.75	73.88	10.58
	OUTFLOW (cfs):	.00	5.08	74.33	10.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MS07N01P	STAGE (ft):	62.00	5.25	66.92	10.08
	VOLUME (af):	.00	5.00	4.52	10.08
	RUNOFF (cfs):	.00	59.75	35.62	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.33	24.88	10.08
MS08N01P	STAGE (ft):	61.50	5.33	66.57	14.42
	VOLUME (af):	.00	5.17	4.59	14.42
	RUNOFF (cfs):	.00	59.75	16.77	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.80	12.33	2.72	11.25
MCCOY-S	STAGE (ft):	62.29	5.50	66.54	14.58
	VOLUME (af):	26.47	5.50	148.95	14.58
	RUNOFF (cfs):	.00	30.00	189.49	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.25	175.45	10.67
	OUTFLOW (cfs):	.54	5.58	165.81	14.58
PA02N01P	STAGE (ft):	143.00	6.17	150.08	14.58
	VOLUME (af):	.00	5.92	19.71	14.58
	RUNOFF (cfs):	.00	59.75	61.32	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	13.92	15.80	14.58
PA05N01P	STAGE (ft):	62.00	2.25	71.15	11.58
	VOLUME (af):	.37	2.00	33.96	11.58
	RUNOFF (cfs):	.00	32.25	290.13	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	13.92	15.80	14.58
	OUTFLOW (cfs):	.00	2.25	230.37	11.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
MN01N01D	STAGE (ft):	113.74	5.00	117.10	23.33
	VOLUME (af):	.00	5.00	.32	23.33
	RUNOFF (cfs):	.00	59.75	1.01	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	16.09	33.50
	OUTFLOW (cfs):	1.52	5.00	16.15	33.25
MN02N01P	STAGE (ft):	114.00	4.75	116.25	10.08
	VOLUME (af):	.00	4.75	.65	10.08
	RUNOFF (cfs):	.00	59.75	13.86	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.32	55.00	11.05	9.25
MN02N02D	STAGE (ft):	112.24	.00	115.37	10.58
	VOLUME (af):	.02	.00	.34	10.58
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.52	5.00	17.47	9.42
	OUTFLOW (cfs):	.00	.00	17.12	11.25
MN03N01P	STAGE (ft):	105.00	6.25	106.44	10.25
	VOLUME (af):	.00	6.17	.15	10.25
	RUNOFF (cfs):	.00	59.75	10.51	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	7.92	10.50	10.25
MN03N02D	STAGE (ft):	94.23	.00	99.57	10.83
	VOLUME (af):	.00	.00	.55	10.83
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	20.23	9.92
	OUTFLOW (cfs):	.00	.00	19.26	10.83

PROPERTY OF
ST. JOHNS RIVER WATER
MGNT DISTRICT LIBRARY

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS --> VALUE	TIME (hr)	<-- MAXIMUMS --> VALUE	TIME (hr)
MN03N03D	STAGE (ft):	86.47	6.42	90.08	10.50
	VOLUME (af):	.00	.50	.36	10.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	26.28	10.33
	OUTFLOW (cfs):	.00	6.42	26.18	10.50
MN07N01P	STAGE (ft):	68.20	6.25	70.25	10.58
	VOLUME (af):	.00	6.17	.90	10.58
	RUNOFF (cfs):	.00	59.75	50.30	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	50.11	10.58
MN08N01P	STAGE (ft):	67.00	6.25	72.04	10.25
	VOLUME (af):	.00	5.92	.88	10.25
	RUNOFF (cfs):	.00	59.75	5.01	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	3.85	10.25
MN09N01P	STAGE (ft):	62.00	6.25	66.04	10.00
	VOLUME (af):	.00	6.17	1.22	10.00
	RUNOFF (cfs):	.00	59.75	17.46	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.83	17.44	10.00
MN10N01P	STAGE (ft):	62.50	6.50	65.59	11.17
	VOLUME (af):	.00	6.42	1.37	11.17
	RUNOFF (cfs):	.00	59.75	10.16	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.42	8.08	11.17

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MN11N01P	STAGE (ft):	62.50	6.25	65.66	10.00
	VOLUME (af):	.00	5.92	.63	10.00
	RUNOFF (cfs):	.00	59.75	6.53	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.33	5.65	10.00
MN12N01D	STAGE (ft):	116.11	59.75	119.31	10.25
	VOLUME (af):	-.06	5.42	.07	10.25
	RUNOFF (cfs):	.00	59.75	71.14	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	71.09	10.25
MN13N01W	STAGE (ft):	101.50	.00	104.85	11.83
	VOLUME (af):	.00	.00	39.97	11.83
	RUNOFF (cfs):	.00	59.75	120.09	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	71.09	10.25
	OUTFLOW (cfs):	.00	.00	137.51	11.83
MN14N01D	STAGE (ft):	69.87	4.50	77.09	11.50
	VOLUME (af):	.09	4.50	.82	11.50
	RUNOFF (cfs):	.00	59.75	78.26	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	85.69	11.83
	OUTFLOW (cfs):	.00	5.00	147.94	11.50
MN15N01D	STAGE (ft):	133.00	.00	136.80	10.33
	VOLUME (af):	.02	.00	.44	10.33
	RUNOFF (cfs):	.00	59.75	41.49	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.24	5.00	29.00	16.17
	OUTFLOW (cfs):	.00	.00	53.65	10.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
MN16N01D	STAGE (ft):	126.72	.50	130.93	10.17
	VOLUME (af):	.12	.50	.60	10.17
	RUNOFF (cfs):	.00	59.75	12.26	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	53.65	10.33
	OUTFLOW (cfs):	.00	.75	62.54	10.17
MN17N01D	STAGE (ft):	119.40	.00	125.22	10.08
	VOLUME (af):	.04	.00	.70	10.08
	RUNOFF (cfs):	.00	59.75	10.69	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	62.54	10.17
	OUTFLOW (cfs):	.00	.00	69.96	10.08
MN18N01W	STAGE (ft):	61.50	.50	65.77	11.25
	VOLUME (af):	.21	.50	6.15	11.25
	RUNOFF (cfs):	.00	59.75	72.68	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	206.27	11.25
	OUTFLOW (cfs):	.00	.00	264.19	10.42
MN19N01P	STAGE (ft):	100.00	3.50	106.06	12.83
	VOLUME (af):	.00	3.25	8.13	12.75
	RUNOFF (cfs):	.00	59.75	28.45	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	11.58	6.48	12.83
MCCOY-N	STAGE (ft):	61.49	5.00	64.85	16.67
	VOLUME (af):	45.93	5.00	445.25	16.67
	RUNOFF (cfs):	.00	59.75	469.99	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.94	.50	613.16	11.08
	OUTFLOW (cfs):	2.17	.00	412.87	16.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS --> VALUE	TIME (hr)	|<-- MAXIMUMS --> VALUE	TIME (hr)
MN21N01L	STAGE (ft):	59.00	.00	64.74	25.25
	VOLUME (af):	.01	.00	7.62	25.25
	RUNOFF (cfs):	.00	29.25	11.42	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	2.17	.00	412.87	16.33
	OUTFLOW (cfs):	.00	.25	412.23	16.33
LC01N01L	STAGE (ft):	81.60	6.33	84.00	17.17
	VOLUME (af):	6.31	6.33	16.88	17.17
	RUNOFF (cfs):	.00	37.25	26.01	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	12.58	10.53	17.17
LC02N01P	STAGE (ft):	85.00	6.25	88.35	10.08
	VOLUME (af):	.00	6.17	.63	10.08
	RUNOFF (cfs):	.00	59.75	18.39	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.50	18.35	10.08
LC03N01P	STAGE (ft):	60.20	6.50	66.15	13.33
	VOLUME (af):	.00	6.17	2.85	13.33
	RUNOFF (cfs):	.00	59.75	20.95	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	9.50	14.23	11.50
LC04N01P	STAGE (ft):	60.40	6.00	64.71	25.25
	VOLUME (af):	.00	5.67	7.97	25.25
	RUNOFF (cfs):	.00	59.75	26.69	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-4.06	18.75	10.62	10.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LC05N01P	STAGE (ft):	64.25	6.00	69.01	11.58
	VOLUME (af):	.06	6.00	3.78	11.58
	RUNOFF (cfs):	.00	59.75	31.44	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-.38	37.50	15.78	9.25
LC05N02D	STAGE (ft):	64.25	7.08	68.34	11.67
	VOLUME (af):	.00	6.33	.43	11.67
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.38	37.50	15.78	9.25
	OUTFLOW (cfs):	-.76	56.50	14.96	11.92
LC05N03D	STAGE (ft):	63.30	7.50	67.68	11.50
	VOLUME (af):	.00	7.17	.49	11.50
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-.76	56.50	14.96	11.92
	OUTFLOW (cfs):	-1.01	38.00	15.10	12.00
LC06N01P	STAGE (ft):	63.00	6.25	67.50	10.75
	VOLUME (af):	.00	5.92	5.32	10.75
	RUNOFF (cfs):	.00	59.75	25.00	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-1.01	38.00	15.10	12.00
	OUTFLOW (cfs):	.00	9.33	33.76	10.75
LC07N01P	STAGE (ft):	67.00	6.25	72.04	11.00
	VOLUME (af):	.00	5.92	1.75	11.00
	RUNOFF (cfs):	.00	59.75	8.52	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	10.67	4.40	11.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
CORONI-S	STAGE (ft):	59.30	.50	64.71	25.25
	VOLUME (af):	9.47	.50	107.83	25.25
	RUNOFF (cfs):	.00	59.75	54.88	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.25	424.52	16.33
	OUTFLOW (cfs):	.00	.00	308.66	16.75
CORONI-N	STAGE (ft):	59.30	.50	64.71	25.25
	VOLUME (af):	38.62	.50	259.63	25.25
	RUNOFF (cfs):	.00	59.75	103.49	10.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	330.24	15.50
	OUTFLOW (cfs):	-7.62	9.75	124.30	20.25
LP01N01W	STAGE (ft):	121.30	4.25	123.73	9.92
	VOLUME (af):	.58	4.25	2.44	9.92
	RUNOFF (cfs):	.00	59.75	133.01	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	132.00	9.92
LP02N01D	STAGE (ft):	111.30	.00	117.46	10.00
	VOLUME (af):	.06	.00	1.25	10.00
	RUNOFF (cfs):	.00	30.75	60.05	9.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.22	59.75	145.72	10.00
	OUTFLOW (cfs):	.04	.25	205.69	10.00
LP03N01P	STAGE (ft):	126.05	59.75	128.72	12.33
	VOLUME (af):	.16	59.75	9.93	12.33
	RUNOFF (cfs):	.00	29.00	41.83	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.22	59.75	16.54	12.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP04N01D	STAGE (ft):	114.90	3.00	120.17	9.50
	VOLUME (af):	.09	3.00	.62	9.50
	RUNOFF (cfs):	.00	59.75	107.65	9.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	3.75	107.65	9.50
LP05N01P	STAGE (ft):	97.50	2.50	100.05	11.75
	VOLUME (af):	6.08	2.50	17.82	11.75
	RUNOFF (cfs):	.00	59.75	35.86	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	-8.89	8.33	14.01	14.75
LP06N01P	STAGE (ft):	97.50	2.50	99.54	9.17
	VOLUME (af):	4.90	2.50	12.27	9.17
	RUNOFF (cfs):	.00	59.75	126.84	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	-8.89	8.33	14.01	14.75
	OUTFLOW (cfs):	.00	2.50	106.63	9.17
LP07N01W	STAGE (ft):	92.70	.00	96.25	10.08
	VOLUME (af):	.00	.00	2.73	10.08
	RUNOFF (cfs):	.00	59.75	75.47	11.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.04	.25	412.04	9.58
	OUTFLOW (cfs):	.00	1.50	469.76	10.08
LP08N01W	STAGE (ft):	99.80	3.75	103.17	12.33
	VOLUME (af):	.08	3.75	1.59	12.33
	RUNOFF (cfs):	.00	59.75	39.50	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	51.82	11.83
	OUTFLOW (cfs):	.00	4.50	68.83	12.33

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP08N02D	STAGE (ft):	99.05	5.75	102.68	12.33
	VOLUME (af):	.02	4.75	.36	12.33
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	4.50	23.06	12.00
	OUTFLOW (cfs):	.00	5.75	23.01	12.50
LP09N01P	STAGE (ft):	95.20	3.50	100.36	10.33
	VOLUME (af):	7.10	3.50	11.85	10.33
	RUNOFF (cfs):	.00	59.75	33.85	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.17	21.93	9.17
LP10N01D	STAGE (ft):	95.80	4.50	98.33	11.42
	VOLUME (af):	.00	4.50	.30	11.42
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	5.75	44.03	11.33
	OUTFLOW (cfs):	.00	4.50	44.00	11.42
LP10N02D	STAGE (ft):	90.20	.75	94.60	10.08
	VOLUME (af):	.00	.75	.44	10.08
	RUNOFF (cfs):	.00	34.00	23.85	10.50
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	1.50	510.95	10.08
	OUTFLOW (cfs):	.00	.75	534.36	10.08
LP10N03P	STAGE (ft):	86.80	.75	93.48	10.08
	VOLUME (af):	.05	.75	2.69	10.08
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.75	534.36	10.08
	OUTFLOW (cfs):	.00	4.50	534.77	10.08

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	|<-- MINIMUMS -->| VALUE	TIME (hr)	|<-- MAXIMUMS -->| VALUE	TIME (hr)
LP11N01L	STAGE (ft):	78.10	.00	82.64	59.75
	VOLUME (af):	.00	5.92	5.59	59.75
	RUNOFF (cfs):	.00	59.75	16.42	9.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	59.75	.00	59.75
LP13N01W	STAGE (ft):	57.76	.00	63.59	24.67
	VOLUME (af):	.09	.00	8.58	24.67
	RUNOFF (cfs):	.00	34.50	26.35	10.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	1.43	.50	124.30	20.25
	OUTFLOW (cfs):	.00	.00	125.49	30.00
LP14N01P	STAGE (ft):	60.00	6.25	64.50	9.33
	VOLUME (af):	.00	6.17	1.03	9.33
	RUNOFF (cfs):	.00	59.75	19.66	9.25
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	59.75	.00	59.75
	OUTFLOW (cfs):	.00	8.58	19.54	9.33
LP14N02P	STAGE (ft):	60.00	8.58	63.84	10.33
	VOLUME (af):	.00	8.58	1.57	10.33
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	8.58	19.54	9.33
	OUTFLOW (cfs):	.00	9.08	17.58	10.33
PREVATT	STAGE (ft):	57.09	4.75	60.47	20.83
	VOLUME (af):	294.39	4.75	725.73	20.83
	RUNOFF (cfs):	.00	36.75	359.31	11.00
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	.00	590.64	10.25
	OUTFLOW (cfs):	4.17	4.75	248.70	20.83

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MIN/MAX/TIME CONDITIONS REPORT

		|<-- MINIMUMS -->		|<-- MAXIMUMS -->	
NODE ID	PARAMETER	VALUE	TIME (hr)	VALUE	TIME (hr)
CARPENTR	STAGE (ft):	45.30	.00	49.97	19.00
	VOLUME (af):	.00	.00	11.91	19.00
	RUNOFF (cfs):	.00	59.75	78.71	11.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	4.17	4.75	248.70	20.83
	OUTFLOW (cfs):	.00	9.83	276.46	19.00
TW	STAGE (ft):	48.10	59.75	48.10	59.75
	VOLUME (af):	.00	9.83	773.44	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.00	9.83	276.46	19.00
	OUTFLOW (cfs):	.00	59.75	.00	59.75
DW	STAGE (ft):	100.00	59.75	100.00	59.75
	VOLUME (af):	.00	.00	17.16	59.75
	RUNOFF (cfs):	.00	59.75	.00	59.75
	OFFSITE (cfs):	.00	59.75	.00	59.75
	OTHER (cfs):	.19	59.75	7.24	9.25
	OUTFLOW (cfs):	.00	59.75	.00	59.75

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

NODE ID	STAGE (ft)	VOLUME (af)	INFLOW |<------- RUNOFF (cfs)	INFLOW OFFSITE (cfs)	INFLOW -------\>| OTHER (cfs)	OUTFLOW (cfs)
DL01N01P	148.39	7.22	79.66	.00	.00	79.06
DL02N01W	148.27	25.97	55.12	.00	71.83	71.08
DL03N01P	148.07	27.26	67.21	.00	71.08	33.80
DL03N02D	142.59	.40	.00	.00	33.80	33.48
DREAM	118.16	85.82	156.68	.00	33.48	17.85
BP01N01P	142.68	9.90	68.99	.00	.00	37.72
BP02N01P	145.08	3.03	27.19	.00	.00	22.53
BP03N01P	146.60	4.60	33.79	.00	.00	24.22
BP04N01P	142.57	7.81	52.67	.00	46.70	78.90
BUCHAN	140.70	99.08	64.96	.00	116.35	29.00
MS01N01W	96.33	14.38	124.73	.00	.00	66.30
MS02N01P	84.24	3.11	25.27	.00	66.30	78.80
MS03N01P	94.26	1.94	77.99	.00	.00	77.11
MS04N01P	90.27	3.19	4.35	.00	77.11	73.88
MS05N01P	80.39	1.23	3.49	.00	73.88	74.33
MS07N01P	66.92	4.52	35.62	.00	.00	24.88
MS08N01P	66.57	4.59	16.77	.00	.00	2.72
MCCOY-S	66.54	148.95	189.49	.00	175.45	165.81
PA02N01P	150.08	19.71	61.32	.00	.00	15.80
PA05N01P	71.15	33.96	290.13	.00	15.80	230.37
MN01N01D	117.10	.32	1.01	.00	16.09	16.15
MN02N01P	116.25	.65	13.86	.00	.00	11.05
MN02N02D	115.37	.34	.00	.00	17.47	17.12
MN03N01P	106.44	.15	10.51	.00	.00	10.50
MN03N02D	99.57	.55	.00	.00	20.23	19.26
MN03N03D	90.08	.36	.00	.00	26.28	26.18
MN07N01P	70.25	.90	50.30	.00	.00	50.11
MN08N01P	72.04	.88	5.01	.00	.00	3.85
MN09N01P	66.04	1.22	17.46	.00	.00	17.44
MN10N01P	65.59	1.37	10.16	.00	.00	8.08
MN11N01P	65.66	.63	6.53	.00	.00	5.65
MN12N01D	119.31	.07	71.14	.00	.00	71.09
MN13N01W	104.85	39.97	120.09	.00	71.09	137.51
MN14N01D	77.09	.82	78.26	.00	85.69	147.94
MN15N01D	136.80	.44	41.49	.00	29.00	53.65
MN16N01D	130.93	.60	12.26	.00	53.65	62.54
MN17N01D	125.22	.70	10.69	.00	62.54	69.96
MN18N01W	65.77	6.15	72.68	.00	206.27	264.19

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

NODAL MAXIMUM CONDITIONS REPORT

			<------- INFLOW ------->			
NODE ID	STAGE (ft)	VOLUME (af)	RUNOFF (cfs)	OFFSITE (cfs)	OTHER (cfs)	OUTFLOW (cfs)
MN19N01P	106.06	8.13	28.45	.00	.00	6.48
MCCOY-N	64.85	445.25	469.99	.00	613.16	412.87
MN21N01L	64.74	7.62	11.42	.00	412.87	412.23
LC01N01L	84.00	16.88	26.01	.00	.00	10.53
LC02N01P	88.35	.63	18.39	.00	.00	18.35
LC03N01P	66.15	2.85	20.95	.00	.00	14.23
LC04N01P	64.71	7.97	26.69	.00	.00	10.62
LC05N01P	69.01	3.78	31.44	.00	.00	15.78
LC05N02D	68.34	.43	.00	.00	15.78	14.96
LC05N03D	67.68	.49	.00	.00	14.96	15.10
LC06N01P	67.50	5.32	25.00	.00	15.10	33.76
LC07N01P	72.04	1.75	8.52	.00	.00	4.40
CORONI-S	64.71	107.83	54.88	.00	424.52	308.66
CORONI-N	64.71	259.63	103.49	.00	330.24	124.30
LP01N01W	123.73	2.44	133.01	.00	.00	132.00
LP02N01D	117.46	1.25	60.05	.00	145.72	205.69
LP03N01P	128.72	9.93	41.83	.00	.00	16.54
LP04N01D	120.17	.62	107.65	.00	.00	107.65
LP05N01P	100.05	17.82	35.86	.00	.00	14.01
LP06N01P	99.54	12.27	126.84	.00	14.01	106.63
LP07N01W	96.25	2.73	75.47	.00	412.04	469.76
LP08N01W	103.17	1.59	39.50	.00	51.82	68.83
LP08N02D	102.68	.36	.00	.00	23.06	23.01
LP09N01P	100.36	11.85	33.85	.00	.00	21.93
LP10N01D	98.33	.30	.00	.00	44.03	44.00
LP10N02D	94.60	.44	23.85	.00	510.95	534.36
LP10N03P	93.48	2.69	.00	.00	534.36	534.77
LP11N01L	82.64	5.59	16.42	.00	.00	.00
LP13N01W	63.59	8.58	26.35	.00	124.30	125.49
LP14N01P	64.50	1.03	19.66	.00	.00	19.54
LP14N02P	63.84	1.57	.00	.00	19.54	17.58
PREVATT	60.47	725.73	359.31	.00	590.64	248.70
CARPENTR	49.97	11.91	78.71	.00	248.70	276.46
TW	48.10	773.44	.00	.00	276.46	.00
DW	100.00	17.16	.00	.00	7.24	.00

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R01O	9.25	71.83	DL01N01P	148.39	DL02N01W	146.86
MS03R03S	10.33	32.52	MS03N01P	94.26	MS04N01P	90.13
MS04R02S	10.58	21.66	MS04N01P	90.27	MS05N01P	80.34
MS05R02S	10.75	24.73	MS05N01P	80.39	MCCOY-S	64.97
DL02R01O	11.08	71.08	DL02N01W	148.27	DL03N01P	146.75
MS07R01S	10.08	24.88	MS07N01P	66.92	MCCOY-S	64.36
MS08R01S	11.25	2.72	MS08N01P	65.66	MCCOY-S	65.36
MN03R03S	10.25	7.30	MN03N01P	106.44	MN03N03D	90.05
LP06R01S	9.17	106.63	LP06N01P	99.54	LP07N01W	96.16
DL05R02R	23.58	2.14	DREAM	118.16	MCCOY-N	64.77
MN09R02R	10.00	10.59	MN09N01P	66.04	MCCOY-N	62.77
MN21R02R	17.08	310.90	MN21N01L	64.27	CORONI-S	63.67
LP07R02R	10.08	425.87	LP07N01W	96.25	LP10N02D	94.60
MN03R01S	10.25	3.20	MN03N01P	106.44	MN03N02D	99.43
MN13R02O	11.83	45.85	MN13N01W	104.85	LP08N01W	103.12
LP10R04R	10.08	351.43	LP10N03P	93.48	PREVATT	58.21
LP08R02R	12.33	45.83	LP08N01W	103.17	LP13N01W	61.16
LP14R01S	9.33	19.54	LP14N01P	64.50	LP14N02P	62.34
PA02R03O	11.08	2.59	PA05N01P	71.01	MCCOY-N	63.50
DL03R02C	13.50	33.48	DL03N02D	142.59	DREAM	117.30
DL05R01C	33.50	16.09	DREAM	117.88	MN01N01D	116.77
MN01R01C	33.25	16.15	MN01N01D	116.78	MN02N02D	114.71
MN02R02C	11.25	17.12	MN02N02D	115.35	MN03N02D	99.54
MN03R02C	10.83	19.26	MN03N02D	99.57	MN03N03D	90.04
MN03R04C	10.50	26.18	MN03N03D	90.08	MCCOY-N	63.13
MS01R01C	12.08	66.30	MS01N01W	96.29	MS02N01P	83.96
MS09R01C	14.58	165.81	MCCOY-S	66.54	MCCOY-N	64.68
MN13R01C	11.83	5.97	MN13N01W	104.85	LP08N01W	103.12
MN15R01C	10.33	53.65	MN15N01D	136.80	MN16N01D	130.91
MN16R01C	10.17	62.54	MN16N01D	130.93	MN17N01D	125.21
MN17R01C	10.08	69.96	MN17N01D	125.22	MN18N01W	65.75
MN18R01C	10.42	264.19	MN18N01W	65.76	MCCOY-N	63.08
MN12R01C	10.25	71.09	MN12N01D	119.31	MN13N01W	104.28
MN14R01C	11.50	147.94	MN14N01D	77.09	MN18N01W	65.76
LC08R01C	16.75	306.69	CORONI-S	63.53	CORONI-N	63.52
LC08R02C	10.00	11.55	CORONI-S	60.40	CORONI-N	59.91
LC05R01C	9.25	15.78	LC05N01P	67.18	LC05N02D	66.42
LC05R02C	11.92	14.96	LC05N02D	68.32	LC05N03D	67.65
LC05R03C	12.00	15.10	LC05N03D	67.65	LC06N01P	67.46

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
LP02R01C	10.00	133.08	LP02N01D	117.46	LP07N01W	96.25
LP02R02C	10.00	72.61	LP02N01D	117.46	LP07N01W	96.25
LP03R01C	12.33	16.54	LP03N01P	128.72	LP02N01D	116.72
LP04R01C	9.50	107.65	LP04N01D	120.17	LP07N01W	96.22
LP05R01C	14.75	14.01	LP05N01P	99.78	LP06N01P	98.43
LP08R01C	12.00	23.06	LP08N01W	103.15	LP08N02D	102.66
LP08R03C	12.50	23.01	LP08N02D	102.68	LP10N01D	98.20
LP07R01C	9.33	44.14	LP07N01W	96.19	LP10N02D	94.48
LP10R03C	10.08	183.34	LP10N03P	93.48	PREVATT	58.21
LC09R01C	20.25	124.30	CORONI-N	64.51	LP13N01W	63.34
LP13R01C	27.25	62.13	LP13N01W	63.56	PREVATT	60.29
LP13R02C	33.25	63.73	LP13N01W	63.44	PREVATT	60.05
CB01R01C	19.00	276.46	CARPENTR	49.97	TW	48.10
DL03R01S	15.33	33.80	DL03N01P	147.99	DL03N02D	142.52
MS02R01S	10.42	78.80	MS02N01P	84.24	MCCOY-S	64.67
MS03R01S	9.33	54.84	MS03N01P	93.37	MS04N01P	86.79
MS04R01S	12.42	55.59	MS04N01P	89.13	MS05N01P	80.01
MS05R01S	13.33	51.32	MS05N01P	79.84	MCCOY-S	66.42
PA05R01S	11.33	98.36	PA05N01P	71.12	MCCOY-N	63.64
PA05R02S	11.50	129.55	PA05N01P	71.15	MCCOY-N	63.73
BP01R01S	10.33	37.72	BP01N01P	142.68	BUCHAN	139.21
BP02R01S	9.50	22.53	BP02N01P	145.08	BP04N01P	142.38
BP03R01S	9.33	24.22	BP03N01P	146.53	BP04N01P	142.28
BP04R01S	10.17	78.90	BP04N01P	142.57	BUCHAN	139.10
BP05R01S	16.17	29.00	BUCHAN	140.70	MN15N01D	135.86
MN02R01S	9.25	11.05	MN02N01P	116.21	MN02N02D	114.73
MN09R01S	10.00	6.85	MN09N01P	66.04	MCCOY-N	62.77
MN10R01S	11.17	8.08	MN10N01P	65.59	MCCOY-N	63.55
MN11R01S	10.00	5.65	MN11N01P	65.66	MCCOY-N	62.77
MN21R01S	12.33	177.58	MN21N01L	63.70	CORONI-S	61.27
MN21R02S	12.08	12.81	MN21N01L	63.57	CORONI-S	61.14
LC01R01S	17.17	10.53	LC01N01L	84.00	CORONI-S	63.71
LC03R01S	11.50	14.23	LC03N01P	65.60	CORONI-N	60.81
LC04R01S	10.75	10.62	LC04N01P	63.14	CORONI-N	60.38
LC06R01S	10.75	33.76	LC06N01P	67.50	CORONI-N	60.38
LP09R01S	9.17	21.93	LP09N01P	99.78	LP10N01D	98.31
LP14R02S	10.33	17.58	LP14N02P	63.84	PREVATT	58.36
LP01R01X	9.92	132.00	LP01N01W	123.73	LP02N01D	117.46
MN20R01X	16.33	412.87	MCCOY-N	64.85	MN21N01L	64.24

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
Copyright 1989, Streamline Technologies, Inc.

LAKES MCCOY, CORONI, AND PREVATT DRAINAGE BASIN STUDY
RECOMMENDED IMPROVEMENTS 100-YEAR/24-HOUR STORM
January 7, 1997

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
DL01R02A	9.25	7.24	DL01N01P	148.39	DW	100.00
PA02R01A	14.58	15.80	PA02N01P	150.08	PA05N01P	69.14
MN07R01A	10.58	50.11	MN07N01P	70.25	MCCOY-N	63.19
MN08R01A	10.25	3.85	MN08N01P	72.04	MCCOY-N	62.96
LC02R01A	10.08	18.35	LC02N01P	88.35	CORONI-S	60.43
LC07R01A	11.00	4.40	LC07N01P	72.04	CORONI-N	60.54
MN13R01A	11.83	85.69	MN13N01W	104.85	MN14N01D	76.97
MN19R01A	12.75	6.48	MN19N01P	106.06	MCCOY-N	64.23
LP10R01A	11.42	44.00	LP10N01D	98.33	LP10N02D	94.31
LP10R02A	10.08	534.36	LP10N02D	94.60	LP10N03P	93.48
LP16R01A	20.83	248.70	PREVATT	60.47	CARPENTR	49.96

Lake McCoy, Lake Coroni, Lake Prevatt
Drainage Basin Study
Orange County, Florida

PROJECT SURVEY INFORMATION

Prepared By:
PEC/Professional Engineering Consultants, Inc.
200 East Robinson Street, Suite 1560
Orlando, Florida 32801

JONES, HOECHST & ASSOCIATES

SURVEY NOTES

JONES, HOECHST & ASSOCIATES, INC.
Professional Surveyors and Mappers
130-E South Park Avenue
Apopka, Florida 32703

Apopka (407)884-5512 Fax (407)884-6544
Ocala (352)687-8870 Fax (352)687-8587

(5-1)

TRANSMITTAL

RECEIVED
FEB 0 9 1996
P.E.C. INC. ORLANDO

WORK COPY	(Y) N
ORIGINATOR	EVIN 2/13
ONE COPY & ROUTE	
EVIN	2/13
FILE ORIG. TO	OC-70 / 1-1.0

DATE: FEB 9, 1996

TO: DAVID HAMSTRA, PE
PEC

FROM: EVIN JONES

JHA PROJECT NUMBER: 95040

RE:

CORES OF REDUCED FIELD NOTES FOR
LK McCoy, CORONI & PREVATT

SILVER STREAK

VIA: X Courier ____ U.S. Mail ____ Overnight Express

WE ARE FORWARDING THE FOLLOWING:

PGS 1 & 2 INDEX

PGS 5-44 ELEVATIONS

CALL IF ANY QUESTIONS OR COMMENTS

Per Evin Jones

JONES, HOECHST & ASSOCIATES, INC.
Professional Surveyors and Mappers
130-E South Park Avenue
Apopka, Florida 32703

Apopka (407)884-5517 Fax (407)884 6544
Orlando (352)687-8870 Fax (352)687-8587

(5-2)

FAX TRANSMITTAL

DATE: FEB 13, 1996

TO: DAVID HAMSTRA, P.E.
PEC

FAX NUMBER: 849-9401

FROM: EVIN JONES

JHA PROJECT NUMBER: 95040

RE: LK McCOY PROJECT

RECEIVED
FEB 13 1996
P.E.C. INC. ORLANDO
WORK COPY Y N
ORIGINATOR WD 2H4
ONE COPY & ROUTE TO:
WIP 2H4
OC-10
1-1.0

MESSAGE: ELEVATIONS ON PAGES 15, 16 & 17 WERE NOT REDUCED. THESE ARE COPIES OF THE REDUCED NOTES - XEROX COPIES WILL BE MAILED TO YOU TODAY.

Evin

ALSO AM MAILING ORIGINAL OF INVOICE.

TOTAL NO. OF PAGES INCLUDING COVER SHEET 4
TRANSMITTED BY EJ
TIME _____

JONES, HOECHST & ASSOCIATES, INC.
Professional Surveyors and Mappers
130-E South Park Avenue
Apopka, Florida 32703

Apopka (407)884-5512 Fax (407)884-6544
Ocala (352)687-8870 Fax (352)687-8587

5-3

FAX TRANSMITTAL

DATE: 2/16/96

TO: DAVID HAMSTRA, PE
PEC

FAX NUMBER: 849-9401

FROM: EVIN JONES

JHA PROJECT NUMBER: 95040

RE: LK McCOY

RECEIVED
FEB 16 1996
P.E.C. INC. ORLANDO

WORK COPY	(Y) N
ORIGINATOR	WHP 2-21
ONE COPY & ROUTE TO:	
	WHP 2-21
FILE ORIG. TO	OC-70 / 1-1.0

MESSAGE:

ELEVS. ON PAGES 33 & 34 REVISED OR REDUCED ELEVS. PER CONVERSATION W/ WALT PHILLIPS.

TOTAL NO. OF PAGES INCLUDING COVER SHEET 3
TRANSMITTED BY EJ
TIME _____

Professional Surveyors and Mappers
130-E South Park Avenue
Apopka, Florida 32703

Apopka (407)884-5512 Fax (407)884-6541
Ocala (352)687-8870 Fax (352)687-8887

5-4

FAX TRANSMITTAL

DATE: 2/16/96

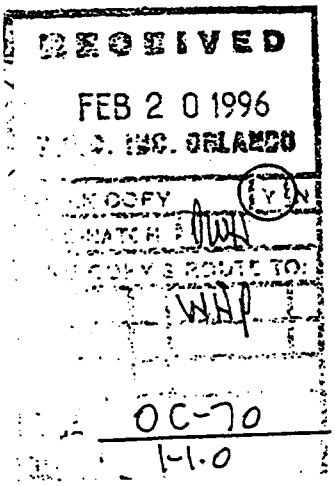
TO: DAVID HAMSTRA, PE
FEC

FAX NUMBER: 849-9401

FROM: EVIN JONES

JHA PROJECT NUMBER: 95040

RE: LK McCOY



MESSAGE: ELEVS. ON PAGES 33 & 34 REVISED OR REDUCED ELEVS. PER CONVERSATION W/ WALT PHILLIPS.

TOTAL NO. OF PAGES INCLUDING COVER SHEET 3
TRANSMITTED BY ES
TIME _____

RECEIVED
FEB 09 1996
P.E.C. INC. CELINA, O.
WORK COPY
ORIGINAL TO:
ONE COPY & ROUTE TO:
OC-TO
JOB FILE

INDEX

SURVEY TASK NUMBERS REFER TO TASKS OUTLINED IN LETTER DATED JAN 18, 1996 TO EVIN JONES @ JONES, HOECHST & ASSOC, INC. FROM DAVID HAMSTRA @ P.E.C. - COPY ATTACHED

SURVEY TASK #		PAGES
#4,5,6 & 7 - BENCH RUN		6-8
# 5	ULSTER RD.	9
# 6	ULSTER RD	10
# 7	SANDPIPER ST.	11
# 4	SANDPIPER ST.	12
# 3	YOTAW RD.	13
# 8 - BENCH RUN - LESTER RD		14
# 9 - DITCH RUN S. SIDE LESTER RD.		15-17
#10 - HAWTHORNE ROAD		18-19
#1 & 2 - CARPENTER BRANCH BENCH RUN		20-31
#1	CARPENTER BRANCH & RAILROAD CRD.	23
#2	CARPENTER BRANCH N. OF 1ST FOOTBRG.	26-29
FOLLOWING SURVEY TASKS REQUESTED BY WALT PHILLIPS OF P.E.C. BY TELEPHONE		
#11	DREAM LAKE OUTFALL	32-35
#12	ROCK SPGS. RD N. OF WELSH DR. S. OF LESTER RD.	36

SURVEY TASK #		PAGES
#13	DBL. CULVERTS UNDER BOTH SPGS RD S. OF WELSH RD	37-39
#14	CONTROL STRUCTURE @ OUTFALL FOR BUCHAN POND	40
#3	BENCH LOOP - VOTAW RD	41
#8		42-43
#11		44

JOB # 95040

JHA

1-24-8X

STA	+	ELEV	BM ELEV
BM	5.380	68.620	63.31
P1	4.085	69.345	65.880
P2	8.665	73.545	64.880
P#3	8.355	85.211	72.616
P#4	6.333	86.430	80.097
BM #100	4.200	86.337	82.137
P#4	0.807	86.899	80.092

S HANES
J MOTTAZ
D LEMOINE

#55040

REC GOD NAIL IN S FACE OF PP # 105005 ON S SIDE OF SANDPIPER RD (TX-SEC BOOK 94-3C PG 4) RUNNING W TO USTLER RD

SET TXZ 3' W OF STONE MAILBOX ON S SIDE OF SANDPIPER ± 500' E OF USTLER RD.

FND GOD NAIL IN ℄ OF USTLER ± 18 N OF ℄ SANDPIPER RD

TURNING N ON USTLER

SET N&TT ON E S/P OF USTLER BETWEEN HOUSE # 833 & 801 ON E SIDE OF RD

SET N&TT ON E E/P OF USTLER ± ON ± N R OF HOUSE # 833

SET 1 BOX CUT ON TOP OF CONC CURB, TULEL ON E SIDE OF USTLER ± 600' N OF SANDPIPER

SEE ABOVE

(4)

1-24-95 1

STA	+	↗	—	ELEV	BM ELEV	
P #3	0.742	73.352	8.289	72.610		SEE DESC ON PREV P5
P #2	4.535	69.415	8.466	64.880	64.880	SEE DESC ON PREV P5
			+0.006			
P #51	5.502	69.447	5.470	63.945		SET BRIDGE SPK IN ℄ OF USTLER ± 300' S OF SANDPIPER (S. OF SANDPIPER USTLER IS DIRT)
P #6	6.935	70.793	5.589	63.858		SET BRIDGE SPK IN ℄ OF USTLER ± 600' S OF SANDPIPER
BM 101	4.320	70.768	4.345	66.448		SET RR SPK IN U FACE OF 21" PINE ON E. SIDE OF USTLER ± 125' N. OF TANGLEWILDE ST
P #4	5.240	69.598	6.510	63.858		SEE ABOVE
P #5	5.240	69.218	5.630	63.948		SEE ABOVE

Sta	+	K	−	Elev		
TP 3	7.245	72.125	4.327	69.821	64.880	See Prev. Desc.
				+0.011		
TP #7	7.793	77.163	7.755	69.870		Set N & TT on N Side of Sandpiper ± 300' W. of Outlet Across From House
BM #102	0.337	77.090	0.410	76.753		Set Box Cut on Conc. Curb Inlet on S Side of Sandpiper ± 600' W of Outlet
TP 7	2.000	71.328	7.722	69.368		See Above
TP 2	5.025	69.9051	6.492	64.876	64.880	See Prev Desc
				-0.004		
TP 1	2.700	68.585	4.620	65.885		1x2 See Prev Desc
BM			5.200	63.325	633	Nail in PP # 19009 See p 5 of this Book
				+0.015		

STA	+	=	ELEV
BM 101	3.81	70.258	66.448
1		PC	60.69
2		1.2	58.4
3		832	61.87
4		5.0	65.3
5		5.0	65.3
6		5.1	65.2
7		5.0	64.7
8		5.9	64.8
9		5.0	64.7
10		5.74	60.52
11		11.5	58.8
12		8.73	61.53
PC		637	63.888 63.858
			+0.03

1-24-96

2

SITE #5

#05040

CULVERT JUST N. OF TANGLEWILDE

ON USTLEG

EP SPK IN PAVE SEE BJ #1

INVERT BOTTOM WATER ELEV. EDGE DIST RD.

INVERT BOTTOM WATER ELEV.

SEE BJ #7

DETAIL SHAPE & SIZE OF PIPE

5.0 WIDE 3.0 TALL C.M.P.

TANGLEWILDE

DRIVE

(5-1)

1-24-96

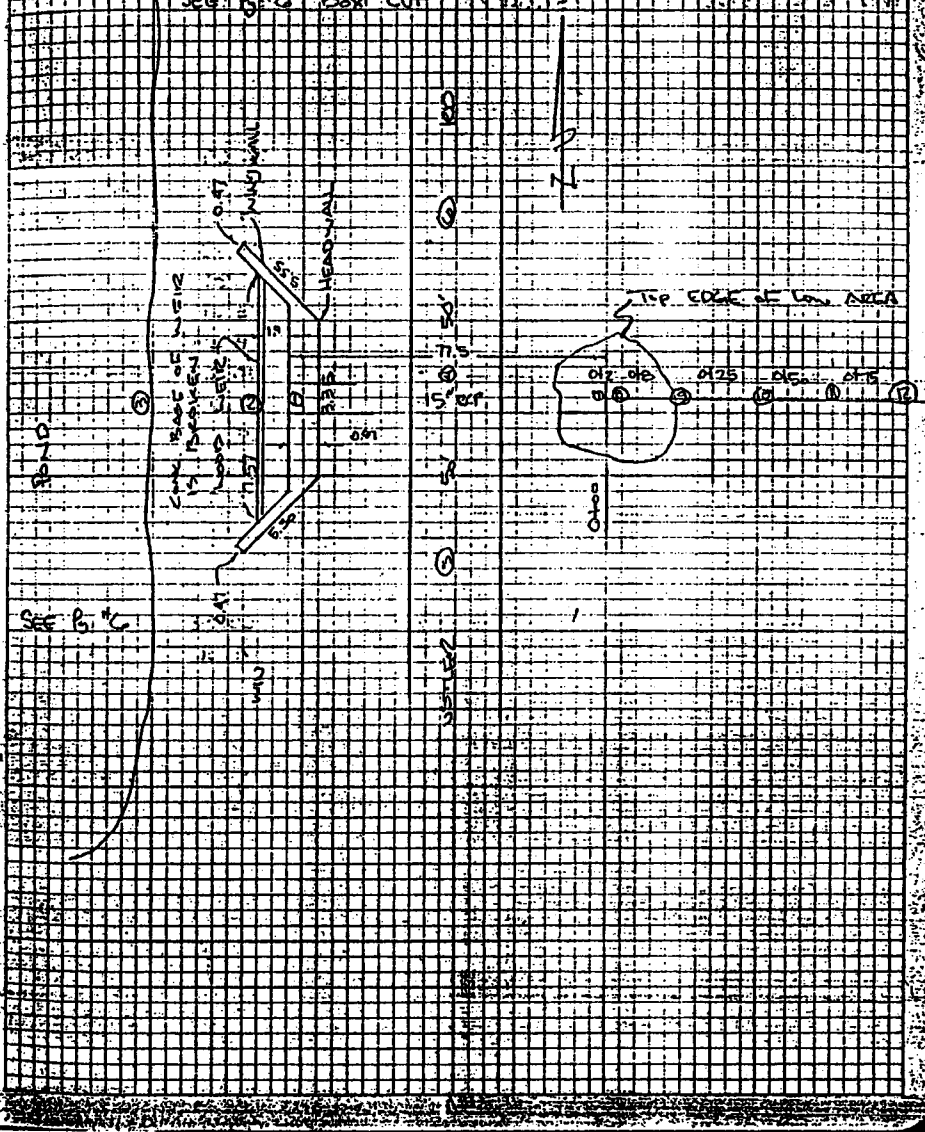
BM 100	5.42	87.557	82.137	
1		6.36	80.66	INVERT
2		4.28	83.28	Top of Kerb
3		9.05	78.51	Top Water
4		4.83	82.73	℄ Asp
5		5.57	81.99	℄ Asp
6		3.94	83.62	℄ Asp
7		8.71	78.85	IN
8		7.41	80.2	Flow-Line
9		6.50	81.06	"
10		6.5	81.1	"
11		7.3	80.3	"
12		8.0	79.0	"
TP 4		7.47	80.087	80.087
			-0.010	

SITE #6

CULVERT ± 800' N. of SANDPIPER

ON WESTERN

SEE B.C. Box Cut



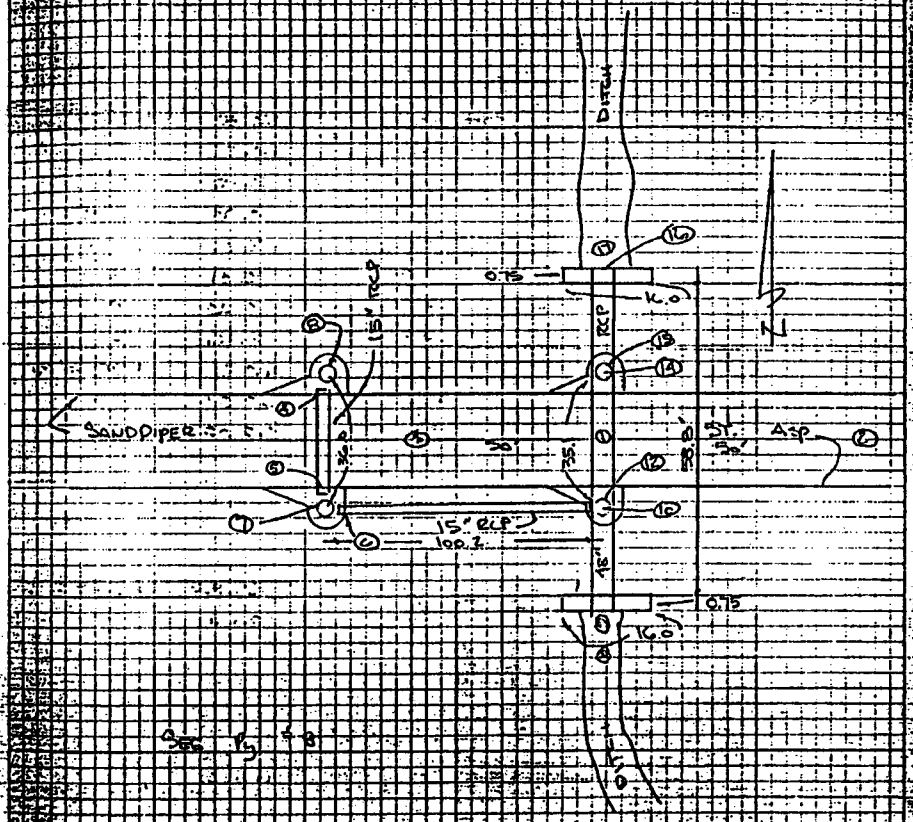
1-5

1-24-96

SITE 7
CULVERTS ± 600' W. OF
USTICK ON SANDPIPER

BM 102	365	80.403	76.753	
1		3.83	76.57	E.P.
2		5.19	75.21	"
3		2.53	77.87	"
4		5.05	75.35	INVERT 15" RCP
5		5.20	75.01	INVERT 15" RCP
6		5.39	75.01	INVERT 15" RCP
7		0.31	79.49	N. RIM
8		0.86	79.54	N. RIM
9		11.05	69.31	INVERT 48" RCP
10		10.30	69.50	BOTTOM BOX
11		8.32	72.08	INVERT 15" RCP
12		3.63	76.77	N. RIM
13		10.8	70.4	BOTTOM DITCH
14		10.20	70.20	BOTTOM BOX
15		3.50	76.90	N. RIM
16		10.37	69.88	INVERT 48" RCP
17		10.2	70.4	BOTTOM DITCH
TP 7		11.61	69.343	69.293
			-0.006	

Box cut. See Pg 8 for detail



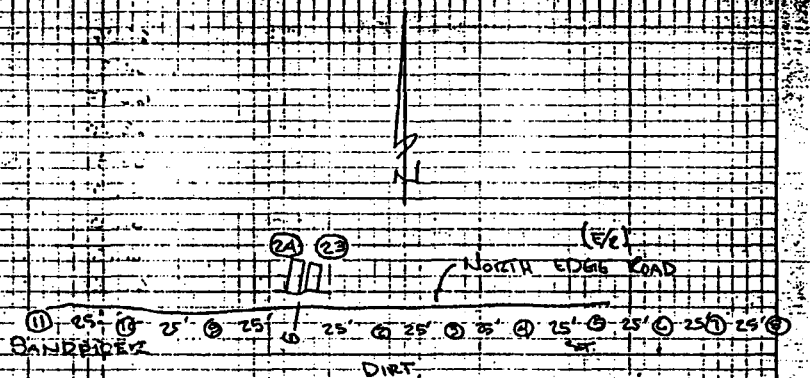
BM	19A	68.25		63.31
1			4.95	63.30	N 5° E @ PFE
2			5.03	63.22	N 5° 26' E
3			5.10	63.15	50' E
4			5.17	63.08	75' E
5			5.35	62.90	100' E
6			5.44	62.81	125' E
7			5.32	62.93	150' E
8			5.25	62.96	175' E
9			4.97	63.28	N 5° E 25' W
10			4.88	63.37	50' W
11			4.66	63.59	75' W
TP 1			2.36	65.890	65.880
				+0.010	

SITE #4

BM		1.225	67.605		63.31
21				5.652	58.14
22				8.352	59.14
23				8.828	58.77
24				5.728	59.87
TP 100		5.868	72.880	3.593	64.101
TP 101		3.154	68.266	7.772	65.108
BM				4.947	63.321

SITE #1 CULVERT
BETWEEN LAKE M'Coy & LAKE CORDUI

SEE PG 6 — CO 3 NEW IN P. PAGE # 1-00052 TIMB



1X2 SEE PG 6

SEE PAGE 41 THIS BOOK FOR BENCH LOOP.
SAME AS ABOVE 2 PG. 6.

STA	+	↗	-	ELEV	
TBM 103	4.71	70.75		66.04	
1			8.91	61.84	INVERT 36" RCP
2			9.3	61.5	GND @ INVERT
3			4.30	66.45	N RIM
4			8.75	62.00	BOTTOM BOX
5			4.38	66.37	N RIM
6			8.98	61.77	BOTTOM BOX
7			9.25	61.10	INVERT
8			9.3	61.3	GND @ INVERT
9			8.82	61.93	WATER SHOT
10			9.70	60.96	WATER SHOT
11			4.85	65.90	(LOW SPOT ACP SHOT)
12			4.62	66.13	℄ ASP
13			4.73	66.02	℄ ASP
TP8	4.39	70.65	4.49	66.26	
BM 103			4.61	66.04	66.04

SITE # 3 — VOTAW ROAD

SET 60D NAIL IN N FACE OF PP 53215 S. SIDE VOTAW RD

NORTH LAKE McCOY

WETLAND

VOTAW RD

36" CMP

30" RCP 172.5

RIPRAP HEADWALL

TOP FLANGE OF MAN HOLE IS BROKEN

WETLAND

SOUTH LAKE McCOY

SET NAIL & T ON S. SIDE VOTAW RD. JUST N OF TBM 103

SEE ABOVE

S. HANES
I. MOTTAZ
R. LEMAIRE

SITE # 9 - LESTER ROAD

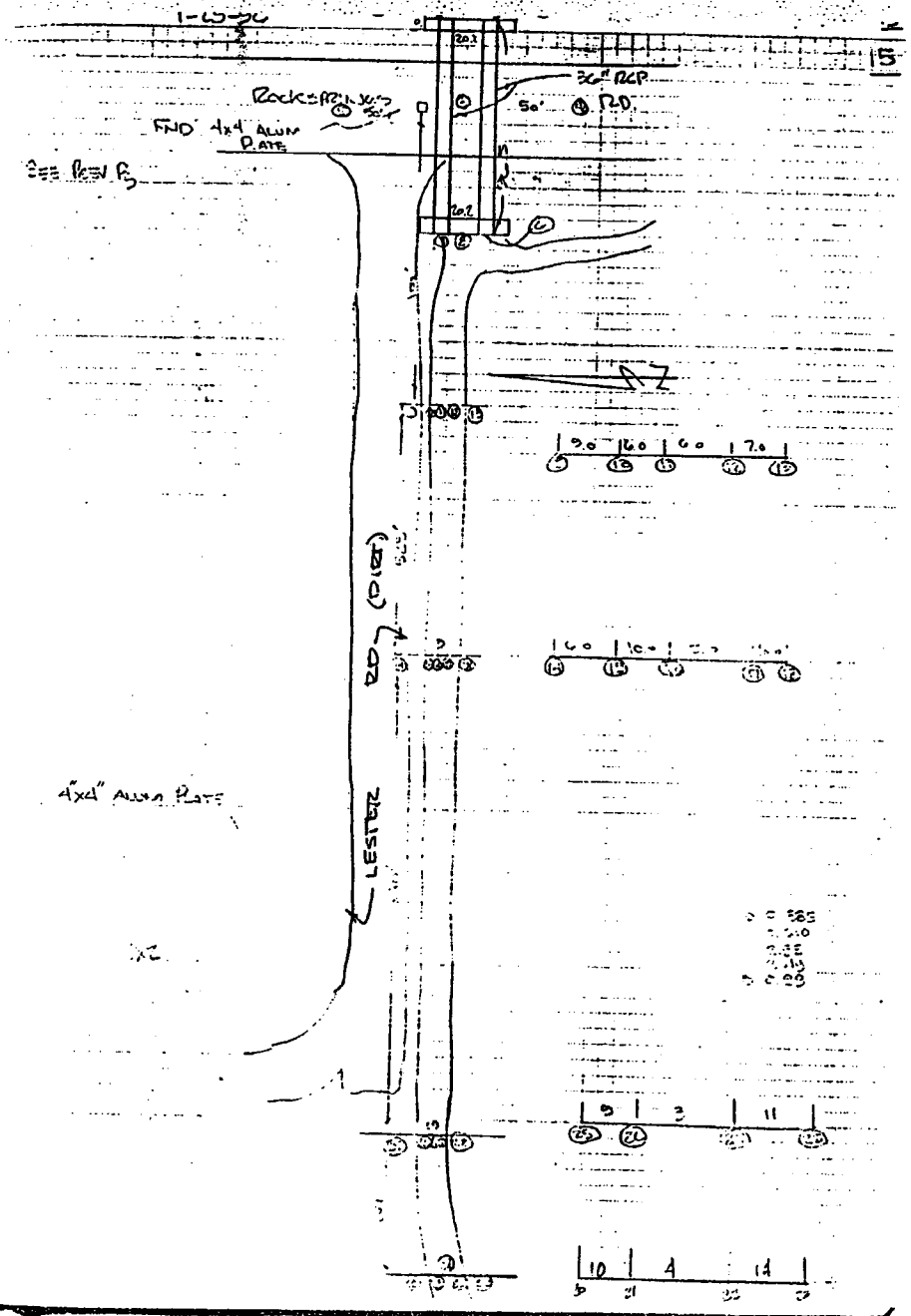
STA	+	X	ELEV.	BM ELEV	
S-395.047	6.958	122.572		115.614	FND "X" CUT ON CONC. HEADWALL @ S.W. COR. OF ROCKSPRINGS RD & LESTER RD - O.C. BM - PG. E-201 1984 O.C. BM BOOK
P.#9	7200	128.849	0.923	121.649	SET IXT ON S SIDE OF LESTER RD ± 300' W. OF ROCKSPRINGS RD.
P.#10	6180	132.392	2.437	126.212	SET IXT ON S SIDE OF LESTER RD ± 600' W. OF ROCKSPRINGS RD
P.#11	5767	134.247	3.912	128.480	SET 60D NAIL IN S FACE OF WOOD FENCE POST ON N SIDE OF LESTER RD ± 900' W OF ROCKSPRINGS RD
BM #105	5955	134.222	5.980	128.267	SET 1/2 ± 0.3 DEEP BY WOOD GATE POST ON N SIDE OF LESTER RD @ W END OF LESTER RD
P.#11	3797	132.279	5.740	128.482 ±0.002	SAME
P.#10	2607	128.821	6.065	126.214 ±0.002	SAME
P.#9	1999	123.560	1.170	121.651 ±0.002	SAME
S-395.047			7.945	115.615 ±0.001	115.614

- SITE #9 C LESTER RD

STA	+		= ELEV.	BM ELEV
S-305-0475.38	120.994		115.614	115.614
		9.51	111.42	INVERT
		10.01	110.88	INVERT
		3.72	117.20	& Asp
		3.78	117.21	& Asp
		3.72	117.26	& Asp
		9.74	111.52A	INVERT
		9.71	111.28	INVERT
		9.11	112.67	Top Slope
		2.2	118.1	Edge Dirt "D
		2.0	119.0	Top Ditch
		8.4	112.6	Bottom Ditch
		8.2	112.8	Bottom Ditch
		3.3	117.7	Top Ditch
TP 12	6.81	124.004	3.80	117.194
TP			3.18	121.624	121.65
				-0.026	

RECEIVED
FEB 15 1996
F.D.O.T. DIST. ORLANDO
ONE COPY | Y | N
CONSTRUCT
ONE COPY & ROUTE TO:
TO

Cont on Next Pg



STA	+	X	-	ELEV		
P 10	3.87	130.05		126.21	1x2	See Pg 14
14			4.6	125.5	Edge RD	1.415
15			3.4	126.7	Top Ditch	1.05
16			13.7	116.4	Botton Ditch	1.18
17			13.9	116.2	Botton Ditch	1.24
18			4.0	126.1	Top Ditch	1.23
19			13.81	116.27	Top Water	1.210
P 9			8.38	121.76	121.65	1x2
BM 105	3.15	131.47			128.267	15 See Pg 14
20			5.6	126.4	Top Ditch	1.52
21			10.2	121.2	Botton Ditch	1.10
22			10.2	121.2	Botton Ditch	1.12
23			5.0	126.4	Top Ditch	1.51
24			10.00	121.42	Water Shot	1.211
P13	~~5.814~~ 5.646 ~~1.772~~ 1.446	132.585	4.646	126.771		Top of Guy Anchor
25			3.1	128.5	Top Ditch	1.14
26			11.1	120.5	Botton Ditch	1.30
27			11.8	120.8	Botton Ditch	1.31
28			3.6	129.0	Top Ditch	1.16
29			11.61	120.98	Water Shot	1.340
P 11			4.06	128.62 +0.004	128.48	Nail in Fence Post See Pg 14

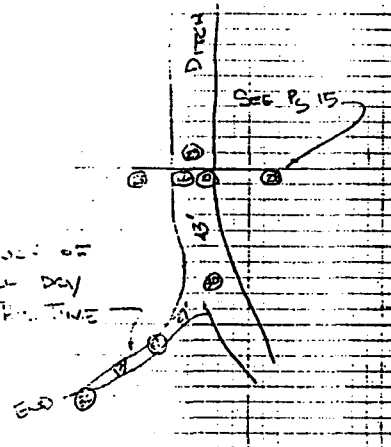
Ditch X. See Cont. on Pg 17

	+	∑	−	Elev	Bkd Elev	
T.P. 2	1.670	123.32		121.65		1X2 SEE Pg 14
[illegible]-016	7.540	123.30	7.960	115.36		END OF Co. BRAN[illegible] DITCH CONT. HEADWALL OF E. SIDE OF [illegible] CO = 29.9' OF & LESTER RD
TEMP 104 DEANNE G. [illegible]-095-097		7.705		115.595	115.614	SEE Pg 14 ASSU[illegible]
				-0.018		

DITCH X-SEC CONT. FROM Pg 15

T.P. 3	1.71	131.481	126.771	Top of Guy ANCHOR
30		10.1	121.3	
31		9.0	122.5	
32		8.9	122.6	
TEM. 105		3.22	128.261	128.261
			-0.006	

Top of IB SEE Pg 14



STA	+	Y	-	ELEV.	BM ELEV.
S-378-003	4.942	160.283			155.34
IP #14	5.625	160.038	5.870	154.413	
IP 15	3.640	157.723	5.955	154.083	
IP 16	3.805	153.673	7.855	149.868	
BM 100	5.558	153.611	5.620	148.053	
IP 13	7.168	157.039	5.740	142.871 +0.003	
IP 15	5.945	160.024	6.900	154.079 -0.004	
IP 14	6.056	160.454	5.620	154.491 -0.000	
S-378-003			5.170	155.324 -0.001	155.34

1-25-96

18

SITE #10
HAWTHORNE ROAD

FND USC & GS PIP CM W/BRASS DISC. STAMPED (APOPKA 1935) ON S SIDE OF AA1 450' NW OF MARSHALL LAKE RD.

SET N & TT CENTERLY COR OF AA1 & HAWTHORNE AVE

SET N & TT CENTERLY COR OF O.C DIXIE HWY & HAWTHORNE AVE

SET N & TT ON E SIDE HAWTHORNE ± 25' N OF & MAGNOLIA AVE & DEAD END OF HAWTHORNE

SET 60D NAIL IN N FACE OF PP No# ON N SIDE OF POND SITE #10

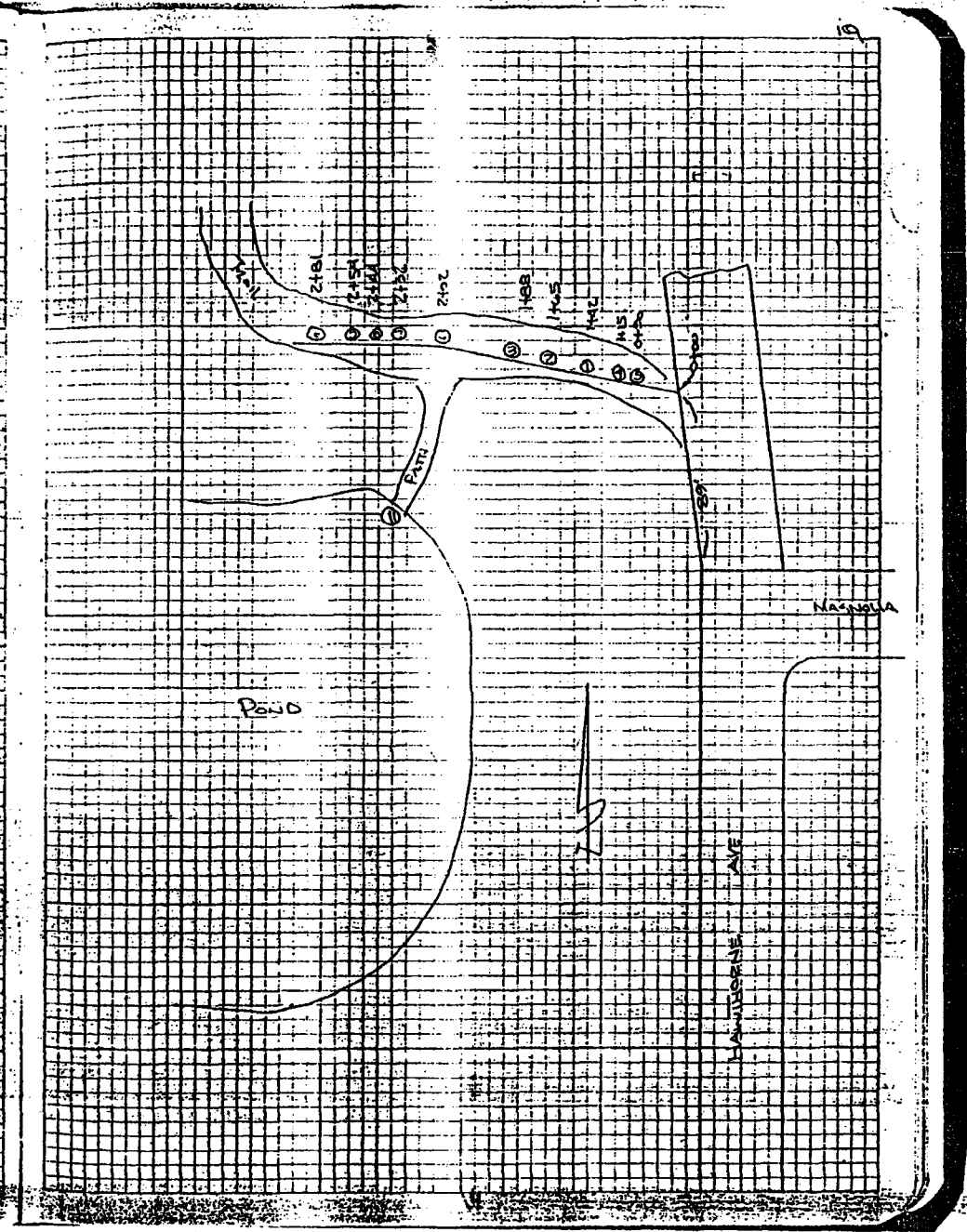
SAME

SAME

SAME

SAME SEE ABOVE

STA	+	K	=	ELEV	
P.C.	4.14	154.01		149.87	
1			5.9	148.1	℄ of TRAIL
2			6.3	147.9	
3			5.5	148.5	
4			5.7	148.3	
5			5.5	148.5	
6			5.6	148.4	
7			5.5	148.5	
8			6.3	147.7	
9			5.5	148.2	
10			5.9	148.1	
11			9.950	144.1	Top of WATER
B.M. 1-C			5.953	148.057	148.053
				+0.004	



12-5

E. Kesselring ∅ — LK McCoy, Dennye
N. Chalson K — Vertical Control
C. Kesselring ∅

B.M.	B.S.	No.	H.I.	F.S.	No.	Elev.	B.M. Elev.
	7.348						
-396-039	6.021	6.021	85.952				79.913
	4.695						
	8.018						
	4.571			10.232			
TP=1	3.689	3.689	80.476	9.161	9.165	76.787	
	2.808			8.101			
	11.068			27.49A			
	5.010			5.092			
TP=2	3.989	3.990	80.403	4.061	4.063	76.413	
	2.970			2.037			
	11.969			12.190			
	3.679			10.919			
TP=3	2.690	2.692	73.136	9.959	9.959	70.444	
	1.708			9.909			
	8.077			29.877			
	6.322			10.280			
TP=4	5.311	5.311	62.197	9.248	9.250	63.886	
	4.300			8.222			
	15.933			27.750			
	8.229			2.341			
TP=5	7.469	7.469	75.153	1.509	1.508	67.689	
	6.698			0.674			
	22.396			4.524			
	11.589			1.929			
TP=6	10.903	10.904	84.108	1.350	1.349	73.804	
	10.220			0.769			
	32.712			4.048			

=05040 — 1-26-968 — 20

OCSC

"X" Cut on N. R.R. C. Tch. Base & W.S. E. Rock Sp.
Road 1.75 ± S. of Pebble Ln. & E. 200± OF 1984
OC = Bench Book

Top of Col. N.J. S. side of Porch

" " " "

K. 17
N. 1
K. 0

Lk. McCoy Drainage
Vertical Control

B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.	Desc.
	2.039		5.000			
TP#7	1.551 1.551	82.103	4.154 4.154	80.552		Top of 60d Nail in S.S.I.C. Pancake
	1.049		3.315			
	4.634		12.469			
	2.049		10.012			
TP#8	1.353 1.354	74.041	9.418 9.416	72.687		" " X2 Hub " " @ House # 388
	0.661		8.759			
	4.063		28.249			
	3.560		9.439			
TP#9	2.566 2.566	68.087	8.521 8.520	65.521		" " 60d Nail " " " "
	1.521		7.601			
	7.697		25.561			
	2.013		7.391			
TP#10	6.030 6.031	67.731	6.388 6.387	61.700		" " " " " "
	5.049		5.380			
	18.092		19.160			
	10.613		2.478			
TP#11	9.719 9.715	75.74	1.700 1.699	66.032		" " " " " "
	8.812		0.910			
	29.144		5.087			
	3.882		9.240			
TP#12	2.906 2.905	70.781	7.802 7.801	67.876		Set 60d Nail in N. Fence Post of Gate @ End of Pond. Back Bndy.
	1.921		6.501			
	8.715		23.613			

E. Kesselring (2)
S. Nicholson X
C. Kesselring Ø

L.K. McCoy Drainage
Vertical Control

B.M.	B.S.	Adj.	H.I.	F.S.	Adj.	Elev.	B.M. Elev.
	4.332			6.219			
TP#13	3.350	3.350	68.929	5.202	5.202	65.579	
	2.369			4.189			
	10.051			15.606			
	11.642			5.379			
TP#14	10.629	10.630	75.169	4.389	4.390	64.539	
	9.618			3.401			
	31.889			13.169			
	2.508			11.639			
TP#15	1.501	1.501	66.022	10.649	10.648	64.521	
	0.893			9.657			
	4.902			31.945			
	10.852			8.592			
TP#16	9.880	9.881	68.346	7.558	7.557	58.465	
	8.912			6.520			
	29.644			22.670			
	2.892			3.631			
TP#17	1.839	1.838	67.547	2.678	2.677	65.669	
	0.863			1.721			
	5.594			8.030			
	2.182			6.929			
TP#18	2.654	2.651	64.264	5.990	5.990	61.607	
	1.529			4.951			
	7.670			17.870			
	11.930			10.560			
TP#19	11.121	11.120	55.828	9.556	9.556	54.708	
	0.309			8.551			
	23.360			28.667			

#95090 1-29-96 22

Desc.:

TP#16 FS 1.601 Ins. 1 SSC 3

" " " "

P.K. ⊡
P.N. ⊼
P.K. ø

LR McCoy Drainage
Detail

STA	B.S.	Mul.	HI.	F.S.	Mn.	Elev.	B.M. Elev.
	4.693			6.629			
TP=20	4.536	4.519	54.443	5.966	5.964	49.864	
	9.465			5.209			
	13.736			11.892			
4+00				3.1		51.3	
4+50				4.2		50.2	
5+00				4.6		49.8	
5+50				4.9		49.5	
6+00				3.9		50.5	
①				9.37		45.07	
②				9.32		45.12	
③				10.14		44.30	
④				8.78		45.66	
⑤				9.14		45.30	
⑥				9.03		45.41	
	8.996			3.128			
TP=21	8.000	7.998	60.338	2.103	2.103	52.340	
	1.003			1.079			
	23.999			6.310			

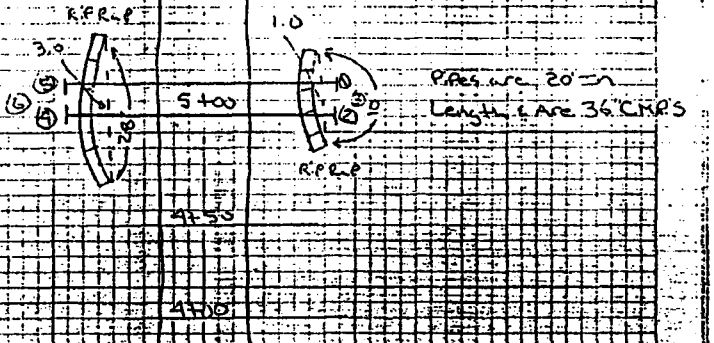
TOP OF RR Grade ℄

INV.

TOP OF H_2O

INV.

TOP OF H_2O



E.K.
S.L.K.
K.K.Ø

LK McCoy Drainage
Vertical Control

B.M.	BS	HI	BT	FS	HI	Elev.	B.M. Elev.
	8.800			4.021			
TP=22	7.800	7.800	65.101	3.039	3.039	57.3617	
	6.901			2.053			
	23.401			9.112			
	9.629			4.900			
TP=23	8.637	8.638	69.832	3.959	3.960	61.194	
	7.649			2.912			
	25.913			11.771			
	9.479			4.940			
TP=24	8.479	8.480	74.367	3.947	3.946	65.887	
	7.481			2.949			
	25.439			11.836			
	8.320			3.547			
TP=25	7.308	7.309	79.133	2.543	2.543	71.824	
	6.299			1.540			
	21.927			7.630			
	7.279			7.109			
TP=26	6.273	6.274	78.383	6.109	6.109	73.029	
	5.241			5.099			
	18.823			18.317			
	3.480			2.491			
TP=27	2.479	2.479	80.316	1.461	1.460	77.837	
	1.479			0.459			
	7.438			4.391			
	1.927			7.108			
TP=28	1.075	1.075	75.211	6.180	6.180	74.136	
	0.263			3.181			
	3.224			18.540			

+95040 1-29-96 24

Desc.
TOP OF GOA
" " GOA
" " GOA
" "

#95090 1-29-96 25

E.K. ☐
S.N. ☆
K.K. ∅

LK. McCoy Drainage
Vertical Control

B.M.	B.S.	M.N.	H.I.	F.S.	M.N.	Elev.	B.M. Elev.	Desc.
	1.499			10.990				
TP=29	1.021	1.021	66.248	9.98299984		65.227		Top of Rock
	0.542			8.979				
	3.062			29.951				
	3.971			7.291				
TP=30	3.369	3.368	62.805	6.812	6.811	59.437		" " " "
	2.764			6.331				
	10.104			20.434				
				4.961				
TP=31	Cont. on Pg #27			4.383	4.385	58.422		Top of Stake 25' N. of 1st Post Brg. @ W. End
				3.903				
				13.148				

(5-27)

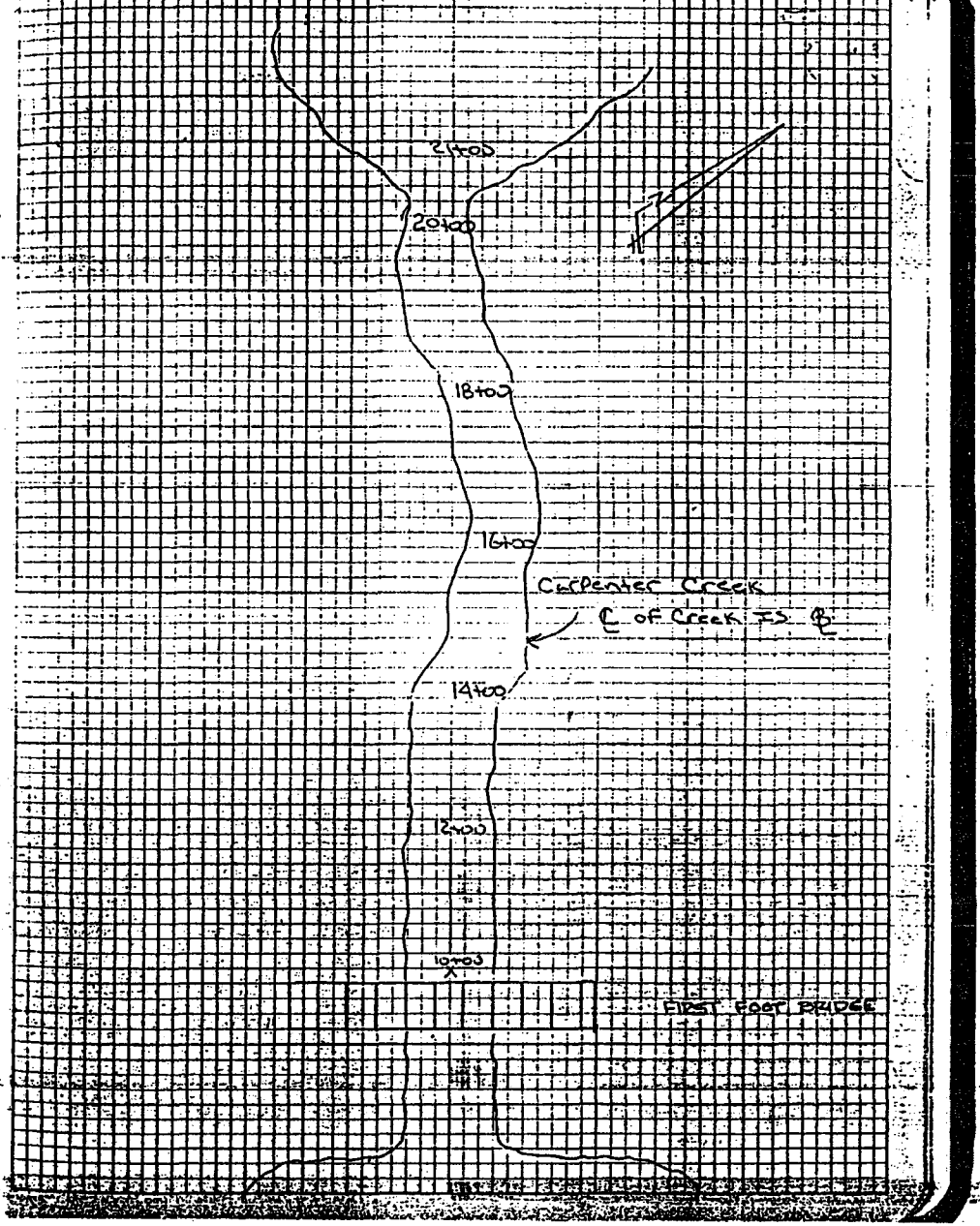
E.K. ☐
S.W. ^
K.K. Ø

LK. McCoy Drainage
X-Sec's
Carpenter Branch Creek

#9504(1)

1-29-96

26



(8-5)

E.K. ☐
S.N. π
K.K. ∅

W. McCoy Drainage
X-Sec's
Carpenter Branch Creek

STA.	BS.	MN.	H.I.	FS.	MN.	Elev.	Lt. BM. Elev.	Rt. BM. Elev.	Desc.
		4.346							
TP 31	4.189	4.189	62.611						Top of T.P. THAT T.S. Cont. from Pg. 25
	4.032								
	12.566								
			58.4	58.3		56.7	56.6	56.66	56.7	58.3	58.1
10+00											
			4.2	4.3		5.9	6.0	5.95	5.9	4.3	4.5
			50'	7'		2'	0'	0'	2'	9'	50'
			grd.	Top Ditch		Bot. Ditch	℄ Ditch	Top Slope	Bot. Ditch	Top Ditch	grd.
		9.303		6.944							
TP 32	9.173	9.173	65.781	6.003	6.003	56.608			Top of 60d Nail		
	9.243			5.062							
	27.519			18.009							
12+00		60.7	60.2	59.1		56.4	56.2	56.4	57.9	59.8	61.7
		5.1	5.6	6.7		9.4	9.6	9.4	7.9	6.0	4.1
No Standing		50'	21'	15'		2'	0'	3'	8'	20'	50'
Water		grd.	grd.	Top Ditch		Bot. Ditch	℄ Ditch	Bot. Ditch	Top Ditch	grd.	grd.
			55.4	58.2		55.5	55.0	55.3	57.6	59.3	56.5
14+00			6.3	6.9		10.3	10.8	10.5	8.2	6.5	7.3
			50'	12'		4'	0'	3'	10'	12'	50'
			grd.	Top Ditch		Bot. Ditch	℄ Ditch	Bot. Ditch	Top Ditch	grd.	grd.
		4.894		7.250							
TP 33	3.880	3.880	63.128	6.531	6.531	59.248			Top of 60d Nail		
	2.866			5.818							
	11.640			19.600							

E.K. JJ
S.N. K
K.K. Ø

LK. McCoy Drainage
X-Sec's
Carpenter Branch Creek

Sta.	B.S.	H.I.	F.S.	H.I.	Elev.	B.M. Elev.
		63.128				
16+00		58.0	57.6	54.5	54.3	
		5.1	5.5	8.6	8.8	
No standing water		50'	8.0'	1.0'	0'	
		yrd. '	Top Ditch	Bott. Ditch	℄ Ditch	
	4.849			8.893		
TP-34	4.409	4.409	59.582	7.952	7.955	55.173
	3.968			7.069		
	13.227			23.864		
18+00		55.1	54.9	54.0	53.7	
		4.5	4.7	5.6	5.9	
No standing water		50'	6'	2'	0'	
		yrd.	Top Ditch	Bott. Ditch	℄ Ditch	
20+00		55.1	55.0	52.7	52.7	
		4.5	4.5	6.8	6.8	
		50'	6'	2'	0'	
		yrd.	Top Ditch	Bott. Ditch	℄ Ditch	
	4.625		30.5			
TP-35	4.356	4.329	58.668	8.768	5.723	54.339
	4.014		4.083			
	13.094		15.090			

#95090 1-29-96 28

Sta.	B.S.	H.I.	F.S.	H.I.	Elev.	B.M. Elev.
			RT.			
			Dose			

E.K. 00
S.N. 7
K.K. Ø

LK McCoy Drainage
X-Sec's
Carpenter Branch Creek
LT

STA.	B.S.	MH	H.I.	F.S.	MH	Elev.	B.M. Elev.
			58.668				
21+00			53.3	53.7		52.5	51.7
			5.4	5.0		6.2	7.0
Turns Into			50'	9'		4'	0'
A Swamp			yrd.	Top Ditch	Bott. Ditch	& Ditch	
	11-30-96						
	6.849'			4.780			
TP#36	5.852	5.849	60.048	4.217	4.414	54.199	
	4.849			4.169'			
	17.548			13.407			
	16.152'			1.274			
TP#37	15.632	15.633	74.763	1.318	1.018	59.030	
	15.114'			0.763'			
	46.898'			3.055			
	10.500			0.912			
TP#38	5.153	5.153	83.701	0.719	0.715	73.948	
	4.098			0.518'			
	29.258'			2.168'			
	5.421			5.878			
TP#39	4.438	4.437	83.241	4.693	4.897	78.804	
	3.442'			3.151'			
	13.311'			14.488'			
	6.369			4.099			
TP#40	5.355	5.354	85.561	3.094	3.096	80.147	
	3.339'			2.091'			
	6.061'			9.282'			

RT

Desc.			
52.37	52.4	53.6	52.9
6.30	6.3	5.1	5.8
0'	4'	9'	50'
Top water	Bott. Ditch	Top Ditch	yrd.
Top of Bob Nail			

(5-31)

E. Kesselring, CO — LK McCoy Drainage
S. Nicholson, T — Vertical Control
K. Kesselring, S

B.M.	B.S.	MN.	H.I.	F.S.	MN.	Elev.	B.M. Elev
	7.646			3.161			
TP#41	6.641	6.643	89.080	2.163	2.169	83.337	
	5.648			1.169			
	19.929			6.493			
	9.388			4.060			
TP#42	7.382	7.384	94.391	3.061	3.063	86.917	
	6.388			2.069			
	22.152			9.190			
	7.229			4.213			
TP#43	6.211	6.211	97.301	3.211	3.211	91.090	
	5.198			2.210			
	18.632			9.634			
	6.422			4.391			
TP#44	5.421	5.418	99.320	3.390	3.390	93.911	
	4.418			2.389			
	16.255			10.170			
	6.829			5.829			
TP#45	5.823	5.824	100.319	4.823	4.824	94.495	
	4.820			3.841			
	17.972			14.501			
	5.050			5.260			
TP#46	4.091	4.091	100.307	4.100	4.103	96.216	
	3.093			2.988			
	12.274			12.308			
	4.479			7.399			
TP#47	3.458	3.456	97.366	6.400	6.397	93.910	
	2.436			5.391			
	10.368			19.196			

#950AO — 1-30-96 — 3a
Clear & 75°+

Desc.	
TOP OF 60d NAIL	
" " "	
" " "	
" " "	
" ETHA T.C.	
" " 60d NAIL	
" " "	
" " "	

E.K. ☐ Lk. McCoy Drainage
S.N.T Vertical Control
K.K. Ø

B.M.	B.S.	HI.	F.S.	Elev.	B.M. Elev.
	6.240		6.549		
TP= 48	5.232 5.232	97.013	5.587 5.585	91.781	
	4.229		4.619		
	15.696		16.755		
	9.264		4.800		
TP= 49	8.270 8.271	101.479	3.806 3.805	93.208	
	7.279		2.810		
	24.813		11.916		
	9.160		3.168		
TP= 50	8.141 8.143	107.472	2.149 2.150	99.330	
	7.129		1.133		
	24.430		6.450		
	6.689		6.121		
TP= 51	6.079 6.079	108.365	5.189 5.186	102.286	
	5.469		4.249		
	18.237		15.559		
			1.809		
5-395-042			1.814 1.814	106.551	106.833
			1.024		
			4.242		

1" = 30.96 31

Descr.:
Top of 60d N.I. * * on N. side of Five St
" " " " " " " "
" " " " " " " "
" " " " " " " "
R.R. SK. IN W. side 15" Pine Tree @ S.E. Cor. of Five St. & Rock Spgs. Rd.

5-33

E. Kesselring ○○ — LK. McCoy Drainage
S. Nicholson X — Drainage Canal @ Dream LK.
K. Kesselring Ø

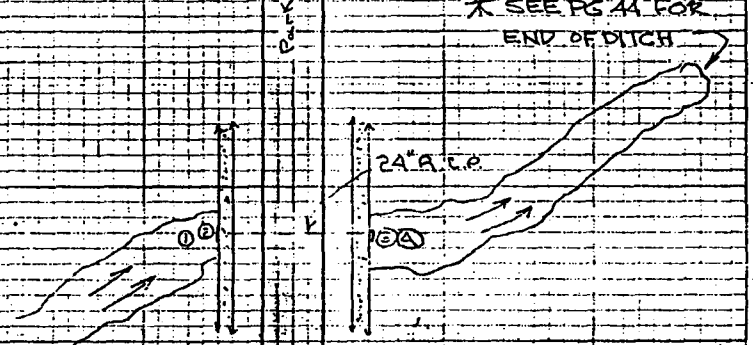
=9500 1-31-96 32

Clear ± 80°±

SITE #11
DREAM LAKE

N

Park Av. (R.S.R.D.)



E.K. Ø — LK. McCoy Drainage

S.M.A. — Drainage Detail @ Dream LK. (High School

K.K. Ø

B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.
S-406-021	4.252	122.465			118.213
			7.33	115.14	
			8.75	113.72	
			8.73	113.74	
			7.39		
TP#1	1.092	120.860	2.691	119.768	
TP#2	0.521	114.552	6.829	114.031	
			18.30	96.25	
			7.61	106.94	
			20.32	94.23	

Desc.

"X" Cut In Walk E. Side Park Av. 75' N. of ℄ of Vosburg Pg. E-206 of 1989 O.S. Vertical

① Top of H_2O W. Side Park Ave. See Detail on Pg. 32

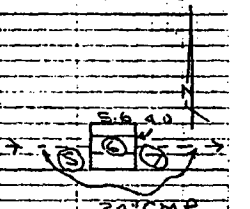
② W. Inv. 18" RCP " " " "

③ E. " " " E. " " "

④ Top of H2O " " " "

Set "X" Cut on B.O.C. 120' N. @ Bus Ent. on W. Side

Set 60d Nail



⑤ W. Inv. 24" CMP @ High School

⑥ Top of Drop Inlet

⑦ E. Inv. 24" CMP

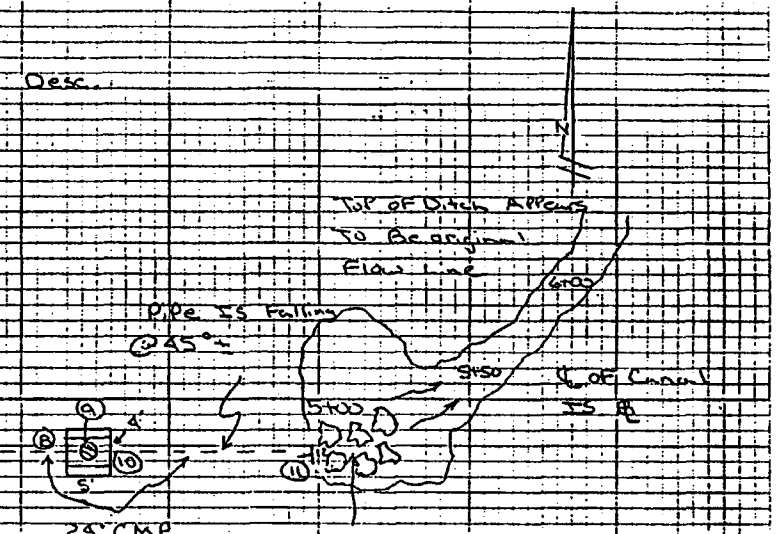
Cont. ON Pg. 34

E.K. ☐
S.N. X
K.K. Ø

LK. McCoy Drainage
Drainage Detail @ Williams Nursery

B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.
		114.552			
			20.61	93.94	
			11.62	102.93	
			28.08	86.47	
~~TP#3~~	0.899	99.494	15.957	98.535	
TP#4	1.903	90.220	11.177	88.317	
			8.39	~~100.61~~ 81.83	
			10.33	~~104.22~~ 79.89	

Desc.



Note: A Drainage Structure was Built, But IS Now Destroyed Because of Erosion!

(8) W. INV. 24" CMP
(9) Top of Grate M.H.
(10) E. INV. 24" CMP

Top of 60 Mil

" " " "

(11) Inv @ End of 45° Bull
(12) Top of H_2O

Cont. on Pg. #35

E.K. 00 — LK McCoy Drainage
S.K. K — Drainage Detail @ Williams
K.K. 0 — Nursery
See Sketch on Pg. 3A

STA	B.S.	H.I.	F.S.	Elev.	B.M. Elev.	Lt.	Rt.
		90.22				Esc.	
5+50			84.1	79.3	77.4	77.73	78.3	82.6
			6.1	10.9	12.8	12.49	11.9	7.6
			19'	12'	0'	0'	6'	12'
			Top Ditch	Bott. Ditch	F/L Ditch	Top of H2O	Bott. Ditch	Top Ditch
6+00			80.4	78.1	76.5	76.71	77.2	80.6
			9.8	12.1	13.7	13.51	13.0	9.6
			16'	11'	0'	0'	5'	8'
			Top Ditch	Bott. Ditch	F/L Ditch	Top of H2O	Bott. Ditch	Top Ditch
TP#5	6.383	91.954	4.649	85.571			Top of 60d Nail	
TP#6	13.050	103.593	1.411	90.543			Kuntom Corr.	
TP#7	14.528	115.880	2.241	101.352			Random EP	
TP#8	9.380	123.238	1.932	113.948			" "	
7+14			5.091	118.237	118.233		S-406-021	See Pg. #33
				+0.024				

E.K. KV
S.N. TS
K.K. Ø

LK McCoy Drainage
Demo. on Culvert Under
Rock Springs Rd. S.
of Lester Rd.

B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.
S-395-097	6.358	121.972			115.614
TP#1	5.559	122.762	4.769	117.203	
TP#2	4.843	124.085	3.520	119.242	
			8.94	115.15	
			9.15	114.94	
			4.89	119.20	
			5.53	118.56	
			9.83	114.26	
			11.17	112.92	
TP#3	4.059	124.251	3.893	120.192	
TP#2	3.366	122.616	5.001	119.250	
TP#1	4.461	121.677	5.400	117.216	
V/IN			6.054	115.623	115.614
				+0.009	

=05043 1-31-96 36

SITE #12

Desc:

X-Cut In H.W. S.W. Corner of R.S.Rd. & Lester
Pg. E-201 1989 oc Vechicl

Top of Random Conc.

" " " "

① Top of H2O

② W. Inv. 36" RCP

③ Top of H.W.

④ " " "

⑤ E. Inv. 36" RCP

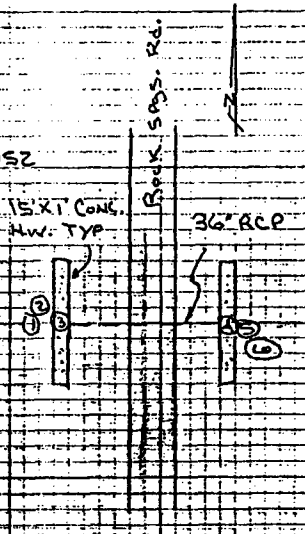
⑥ Top of H2O

Set x-Cut In N.E. Cor. of Conc. Drive @ =1752

Top of Random Conc.

" " " "

S-395-097 See Top of Pg.



E.K. ☐☐
S.N. ☐
K.K. Ø

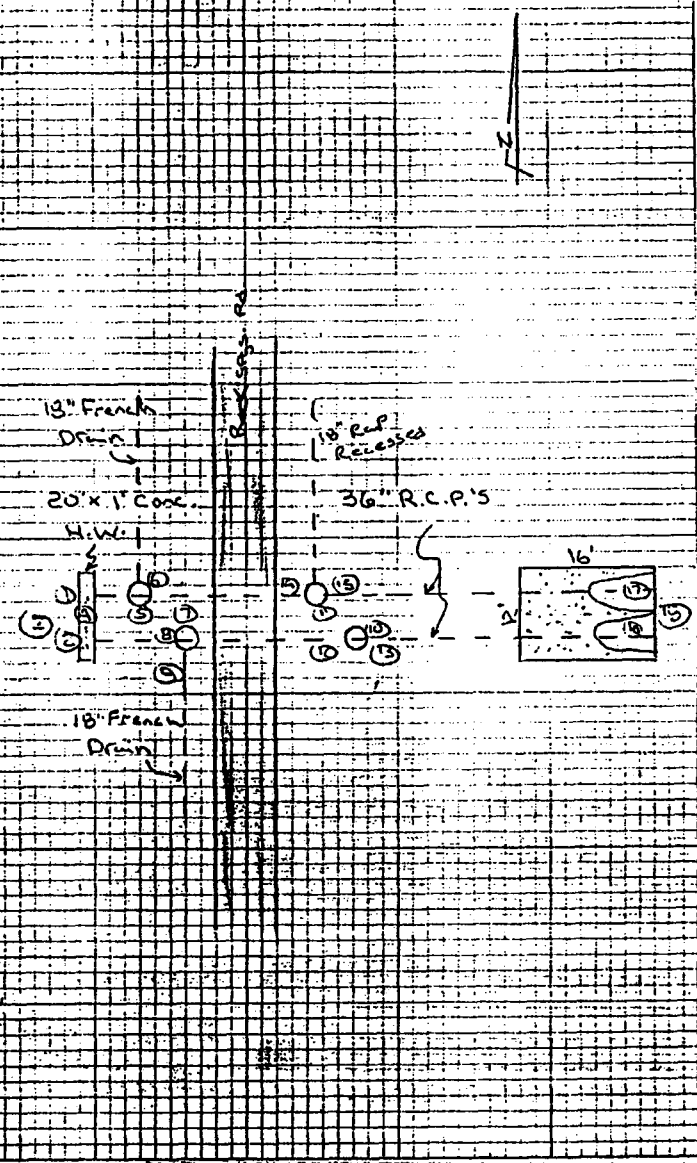
LR. McCoy Drainage

B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.

Cont. Next Pg.

F0500 1-31-95 37

SITE #13



S-32

E. Kesselring ☐
S. Nicholson ⊼
K. Kesselring ∅

CK. McCoy Drainage
Drainage Detn @ Twin RCP's South of End STA.

B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.
S-406-005	1.361	129.772			128.411
TP-1	5.420	126.818	8.374	121.398	
TP-2	3.867	126.154	4.531	122.287	
			10.06	116.09	
			10.03	116.12	
			9.59	116.31	
			5.85	120.30	
			3.99	122.16	
			10.24	116.11	
			10.04	116.11	
			4.07	122.08	
			10.11	116.04	
			4.00	122.15	
			3.98	122.17	
			10.62	115.53	
			14.59	111.56	
			10.82	115.33	
			14.11	112.04	

=95040 2-1-96 38
Clear & 75°F.

SITE # 13

Desc.

X=Cut on B.O.C., E. Side Rock Spgs. Rd. @ Orange County Sec. Bldg. Pg. E-205 of 1984 O.C. Vertical

Random Conc.

Set "X" Cut In B.O.C. E. Side Rock Spgs. Rd. @ Curb Inlet S. of Pipes on N. End of Inlets

① N.W. Inv.
② S.W. Inv.
③ Top H_2O
④ Top Head Wall
⑤ Top M.H.
⑥ F/L Pipes Not Recessed
⑦ " " " "
⑧ Top M.H.
⑨ S Inv.
⑩ Top of M.H.
⑪ " " "
⑫ W. Inv.
⑬ F/L Pipe Is Recessed
⑭ W. Inv.
⑮ F/L " " "

Cont. Next Pg.

E.K. (1)
S.N. T
KK P

LK, McCoy Drainage
Cont. From Pg. 38

B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.	Desc.
		126.154				
			15.34	110.81		(16) S. Inv.
			15.39	110.76		(17) N. Inv.
			15.87	110.28		(18) Top H2O
TP#3	5.142	127.887	3.409	122.745		Random Conc.
TP#4	7.260	131.093	4.054	123.833		" "
VIn			2.669	128.424	128.411	5-406-005
				+0.013		

E.K. ☐ LK. McCoy Drainage
S.N. ⊼ Out Fall @ Buchan Pond
K.K. ⌀

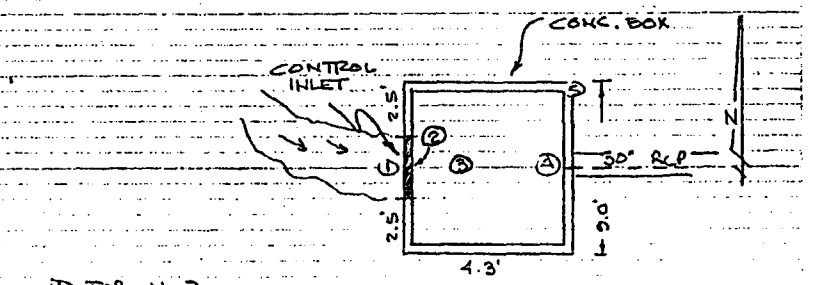
B.M.	B.S.	H.I.	F.S.	Elev.	B.M. Elev.
S-406-009	8.109	135.223			127.114
TP=1	8.013	140.358	2.878	132.345	
TP=2	5.791	143.147	3.002	137.356	
TP=3	4.580	143.717	4.010	139.137	
TP=4	6.789	145.557	4.949	138.768	
			8.35	137.21	
			8.90	136.657	
			8.60	136.957	
			8.84	136.72	136.217
TP=5	5.600	145.788	5.369	140.188	
TP=4	4.883	143.657	7.014	138.774	
TP=3	4.102	143.247	4.512	139.145	
TP=2	3.069	140.435	5.881	137.366	
TP=1	2.740	135.048	8.089	132.346	
V.I.N.			7.969	127.117	
				9+203	

F95040 2-1-96 40

SITE #14

Desc.
S-406-009
Random EP
" "
" "

SET NIT on W. side of LK. AV. 60' ± S. of Skylark ST.



① TOP H_2O
② TOP OF OUT FALL
③ TOP H_2O
④ INV. ℄ BOT. BOX
⑤ N.E. CORNER H.W.

O.C. BM = S-406-009

± 95040 2/1/96
S. NICHOLSON
K. KESSEL JR. NG

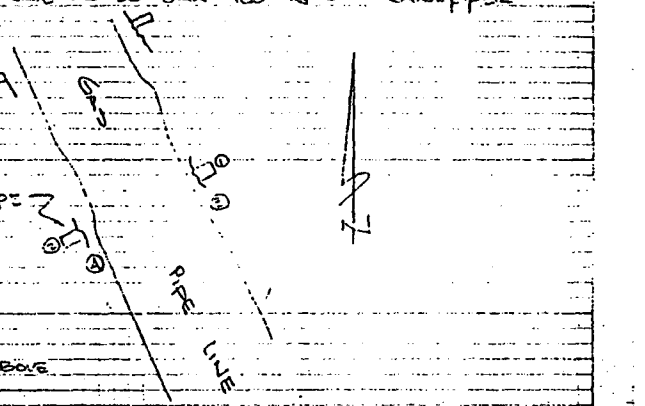
BENCH LOOP FOR SITE #4 - VOTAW RD.

STA	+	⊼	-	ELEV.	
TBM	0.815	120.583		119.768	REC'X" CUT ON B.O.C. 120'± N. @ BOS ENT. (TP#1, PG.58)
TP"A"	1.131	106.015	15.669	104.914	PAINT DOT ON B.O.C.
TP"B"	0.420	89.015	17.45	88.595	
TP"C"	0.105		14.259	74.726	
TP"D"	3.952		7.783		
TBM 103	5.081		4.92		60¢ NAIL IN N. FACE OF P. POLE = SEE SIE ON S. SIDE OF VOTAW RD. (SEE PG. 13, THIS BOOK.)
TP"D"	8.289		4.106		
TP"C"	16.731		0.591		
TP"H"	18.862		0.380		
TP"I"	12.043		1.423		
TBM			1.730	119.768	

S. HANES
J. MOTTAZ
R. LEMOINE

STA	+	X	—	ELEV	BM ELEV
		SITE # 8			
TBM 1	5.363	68.613			63.31
					60 D NAIL IN PP + 70.000 ON S. SIDE OF SANDPIPER
					SEE PG #6 OF THIS BOOK
TP 1	6200	71.960	2.913	65.760	
					SET INK BOY MARK ON W. SIDE OF CONC. DRIVE
					ON N. SIDE OF SANDPIPER HOUSE #655
TP 2	1.407	65.302	8.065	63.595	
					SET 60 D. NAIL IN 36" OAK 100' N OF SANDPIPER
①			8.43	56.872	INVERT
②	8.12	65.272	8.15	57.152	INVERT
①			8.40	56.872	INVERT
③			6.77	58.502	WATER
④			6.76	58.512	WATER
TP 2	7.857	71.803	1.360	63.912	
TP 1	3.040	68.826	4.023	65.786	
TP 3	5.832	68.616	6.012	62.784	
TP 1	2.990	68.891	2.715	65.901	65.880
TBM 1			5.551	63.339	63.31
				+0.624	

*SEE NEXT PAGE FOR INVERTS 24" STEEL PIPE



SAME AS ABOVE

SAME AS ABOVE

RANDOM

REC 1X2 SEE PG #6 OF THIS BOOK

SAME AS ABOVE

#95040

OCT 19, 1995

E. KESSELRING
S. NICHOLSON
K. KESSELRING

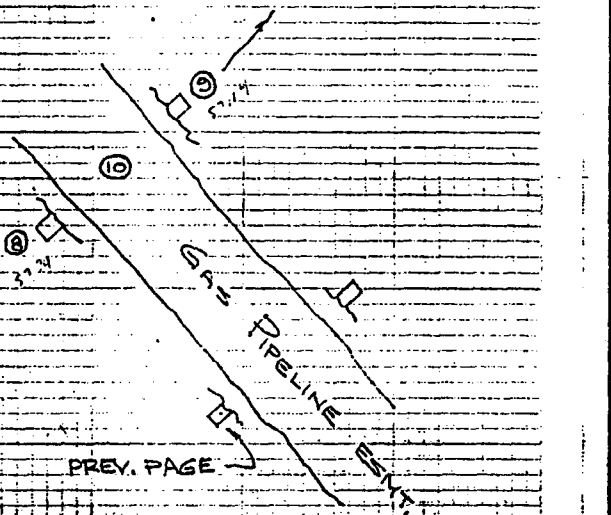
SITE #8 CONT.

STA	+	HI	−	ELEV.	
TBM #1	1.295	67.605		63.31	
TP #100	8.868	72.880	3.593	64.012	
(8)			15.633	57.247	
(9)			15.745	57.135	
(10)			12.533	60.347	
TP #101	8.156	68.264	7.772	65.108	
TBM #1			1.957	63.287	63.31

60d NAIL IN P. POLE # 790009 (SEE PREV. PAGE)
SET 1x2 STK. S. SIDE OF SANDPIPER @ MAILBOX #607

N

SET 1x2 ON N. SIDE OF SANDPIPER RD.



SITE #11
DREAM LAKE OUTFALL

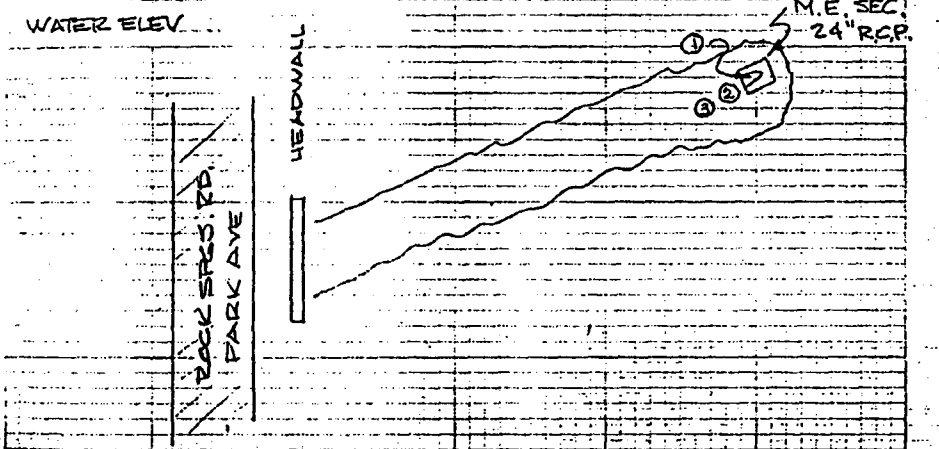
STA.	+	A	-	ELEV.	
TP#1	3.725	123.493		119.768	
①			9.015	114.48	
②			9.0	114.5	114.493
③			8.513	114.98	
BM S-406-021			5.295	118.198	118.213

REC "X" CUT ON TOP OF CONC. CURB ON W. SIDE OF SCHOOL BUS ENT. TO APOPKA MEM. MIDDLE SCHOOL FROM VOTAW RD. 120'± N. OF VOTAW RD & 300'± E. OF PARK AVE. (R.S.RD.)

INVERT ✳ CONT. FROM PAGE 32

GRD @ INVERT

WATER ELEV.



ORANGE COUNTY SURVEY DEPARTMENT

SURVEY NOTES

(5-47)

SURVEY REQUEST FORM

PROJECT NAME LAKE MC COY OUTFALL_____ PROJECT # 3714

REQUESTED BY ROLAND RAYMUNDO___ PHONE 6-7746__ DATE 09/6/94

DIST. 2__ SECTION-TOWNSHIP-RANGE-QTR 1/4NE-03___-21S__-28E_

LAST USABLE DATE _____

PURPOSE OF PROJECT TO DETERMINE WHAT CONTROLS THE WATER ELEVATION OF LAKE MC COY._____

_____

DESCRIBE WORK IN DETAIL (INCLUDING LIMITS OF JOB - ATTACH DRAWINGS OR SKETCHES) DETERMINE LENGTH & CREST ELEV. OF STRUCTURE 1 & 2, PIPE SIZES & INV ELEV OF STRUCTURE 3; 5 & 6. LOCATE ANY OUTFALL STRUCTURE AT 4, IF THERE IS NONE TAKE A SHOT OF THE ELEV OF THE LOWEST POINT ON THE BERM. PLEASE GIVE ME YOUR SCHEDULE ON THIS. THANK YOU._____

_____

_____

NOTE: ALL SPACES ABOVE MUST BE FILLED IN. IF PREVIOUS WORK HAS BEEN DONE ON PROJECT, PLEASE COMPLETE NEXT THREE LINE.

CREW# 4 PARTY CHIEF BARBEE

FIELD BOOK & PAGES PREVIOUSLY USED ON THIS PROJECT NONE

_____

DATE OUT 9/6/94 DATE IN _____

ESTIMATED TIME _____ HRS. ACTUAL TIME _____ HRS.

FIELD BOOK & PAGES - THIS PAGE X-SECT. 94-36 PGS 1-6

DRAWINGS No. _____ CART. _____ FILE _____

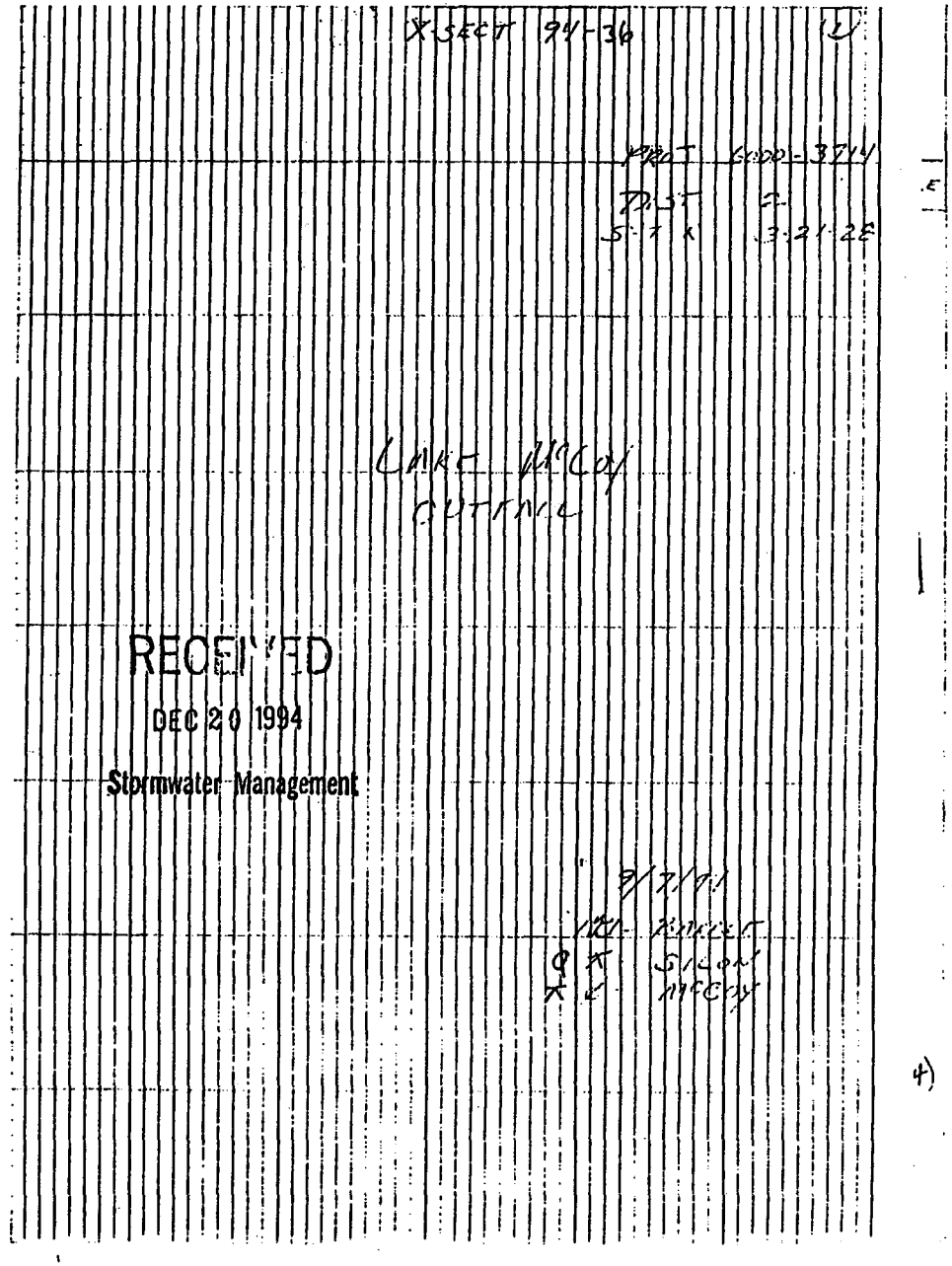
REMARKS DRAINAGE STUDY: LAKE MC COY OUTFALL SYSTEM

_____

_____

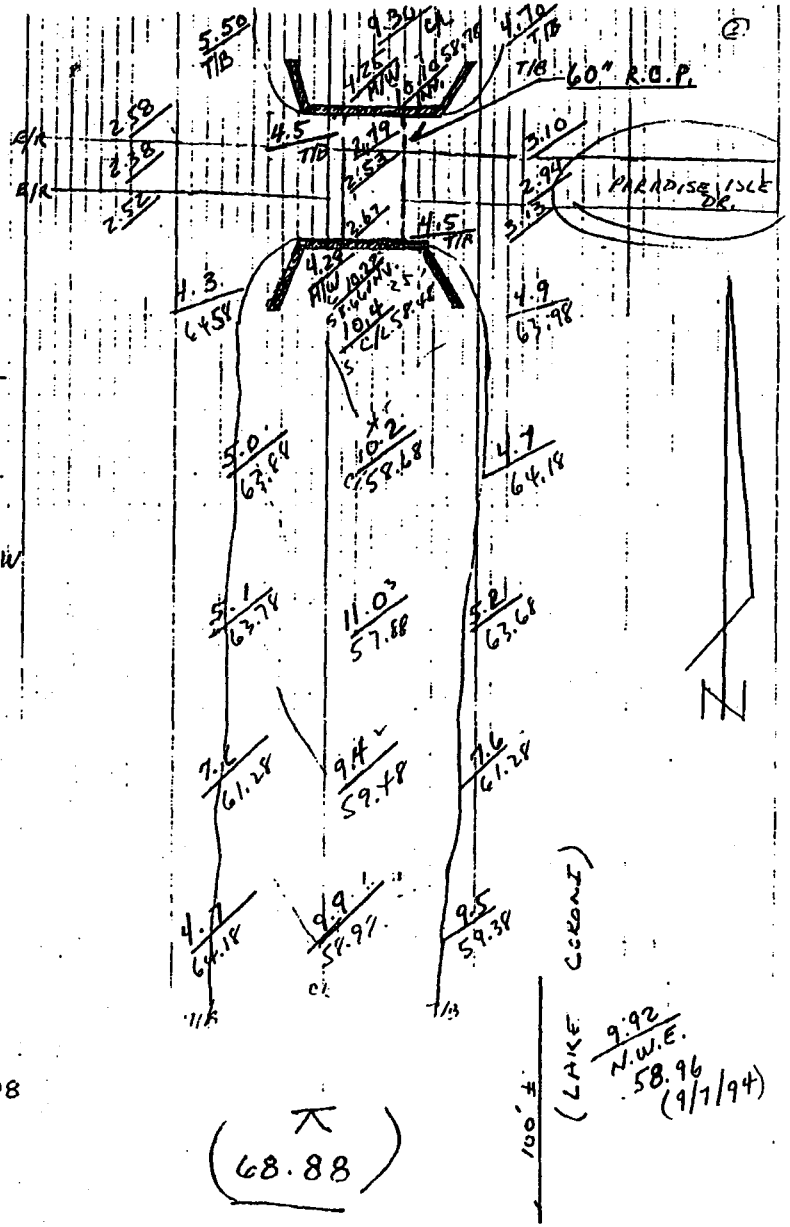
DATE: _____

Projects (continued) .....

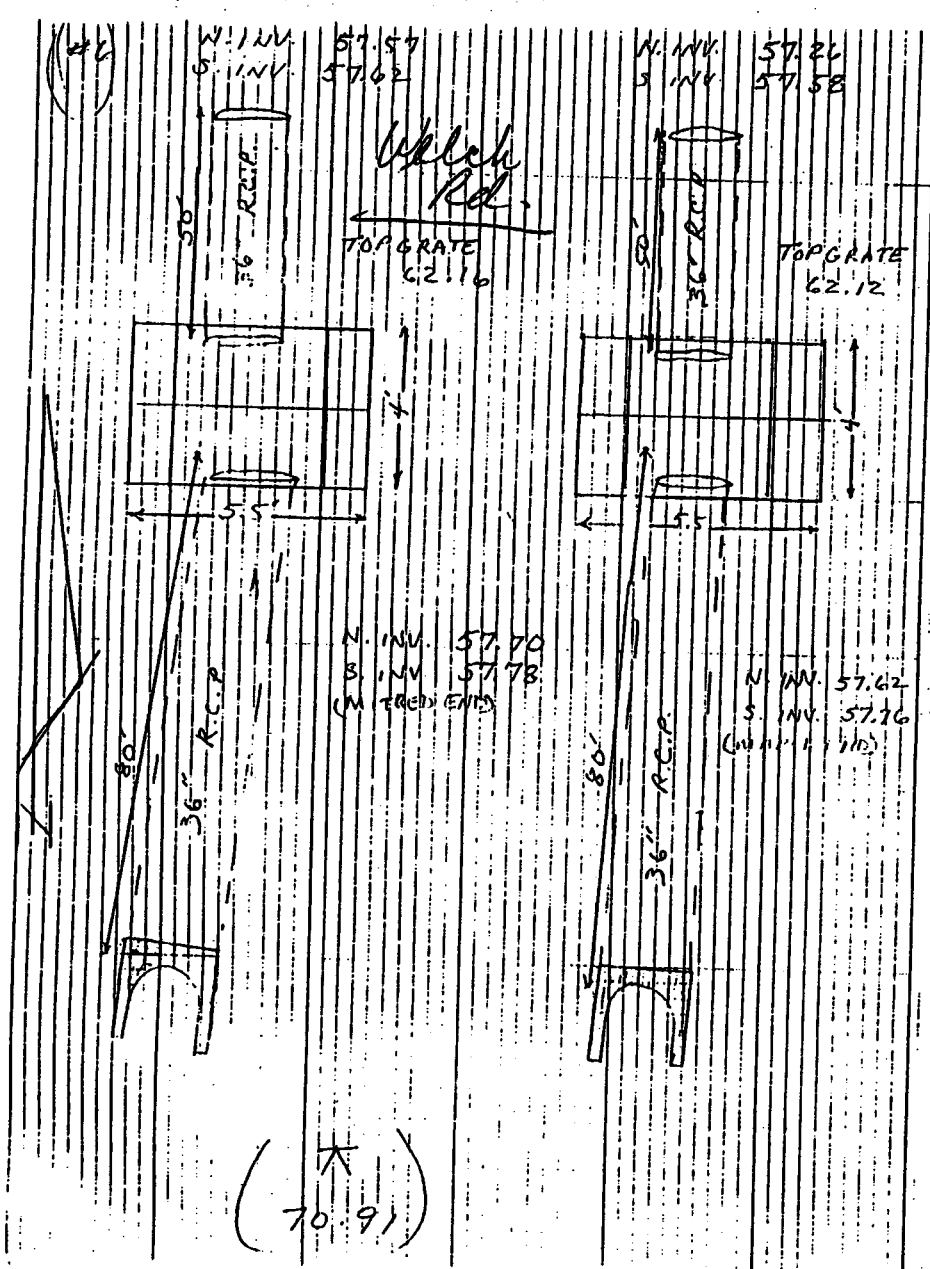


LAKE ELEV. 11.00'
S.H. KAN
X-SECTIONS

STA	(+)	(=)	(-)	ELEV.	BM ELEV 20.11	
T.P. #1	8.28	68.46	7.29	61.11		STAKE
T.P. #2	6.47	67.58	0.57	67.01		P.K. NAIL
T.P. #3	13.03	80.04	2.98	77.06		P.K. NAIL
T.P. #4	0.20	77.26	10.85	66.41		D/KNIFE
T.P. #5	6.59	73.00	4.76	68.24		PAINT DOT
T.P. #6	3.18	71.42	6.83	64.59		"V" S. H/W
CK. BACK	4.72	68.28	4.29	64.59	64.59	
T.P. #6					64.59	
T.P. #7	6.78	71.37	3.14	68.23		#5
T.P. #8	4.89	73.12	6.73	66.39		#4
T.P. #9	10.93	77.32	0.27	77.05		#3
T.P. #10	3.81	80.86	13.86	67.00		#2
T.P. #11	0.34	67.34	6.24	61.10		#1
T.P. #12	7.36	68.46	8.35	60.11		W-520-008



S-49



X-SECT. 94-36

STA	(U)	(T)	(C)	ELEV	BM ELEV.
T.P #3 (SEE PG 12)	2.84	79.90			77.06
			14.24	63.66	
T.P #4 (PAINT DOT S/W)	16.25	79.91			
			2.85	77.06	
T.P #1	7.25	70.91			63.66
			7.25	63.66	

Kwood-3714 | LAKE McCOY | OUTFALL | 9/8/94 | X-SECT. 94 | 4

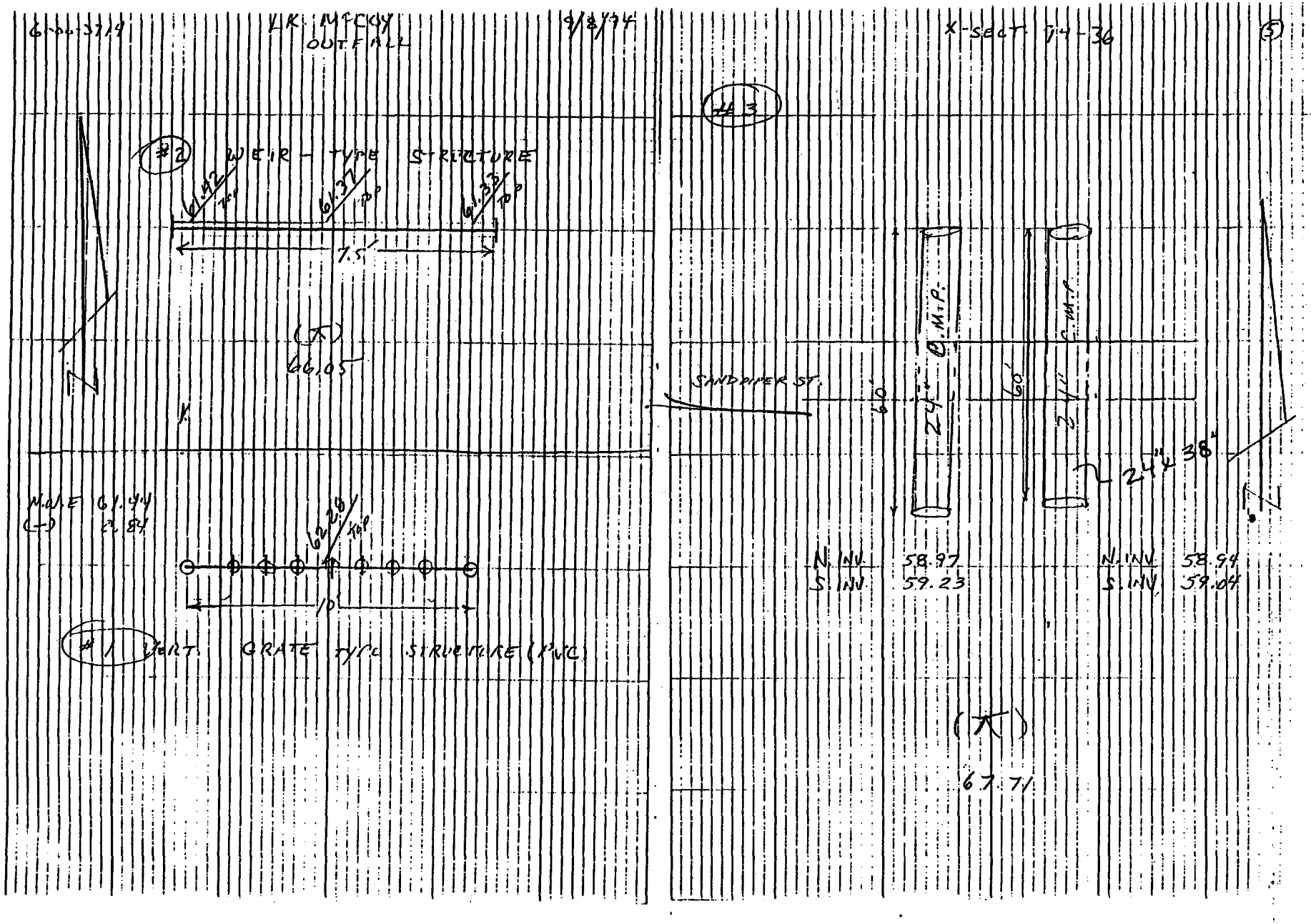
STA.	(-)	(+)	ELEV.	B.M. ELEV.
LK. McCOY B.M. (MEASURED)		0.62		62.063
N.W.E. LK. McCOY	4.61	66.05	61.44	61.44
T.P. # 1	2.75	66.06	63.31	
N.W.E. LK. McCOY T.P. #1	4.40	67.71	63.31	
C.K. BANK		4.40	63.31	

N.W.E. LAKE McCOY 9/8/94 11:00 AM.

SET GOD NAIL IN PP # 790009 IN S. FACE.

N.W.E. LK. McCOY

GOD NAIL


6-20-3714
LK MURRAY
OUTFALL
9/8/74
#2
WEIR - TYPE STRUCTURE
6'-3"
7.5'
(X)
66.05
N.A.E 61.44
(-) ±1.84
#1 VERT. GRATE TYPE STRUCTURE (INC
#3
SANDPIPER ST.
60'
24" C.M.P.
24" C.M.P.
24"
38"
N. INV. 58.97
S. INV. 59.23
N. INV. 58.94
S. INV. 59.04
(X)
67.71
X-SECT 14-36
5

Book 3714

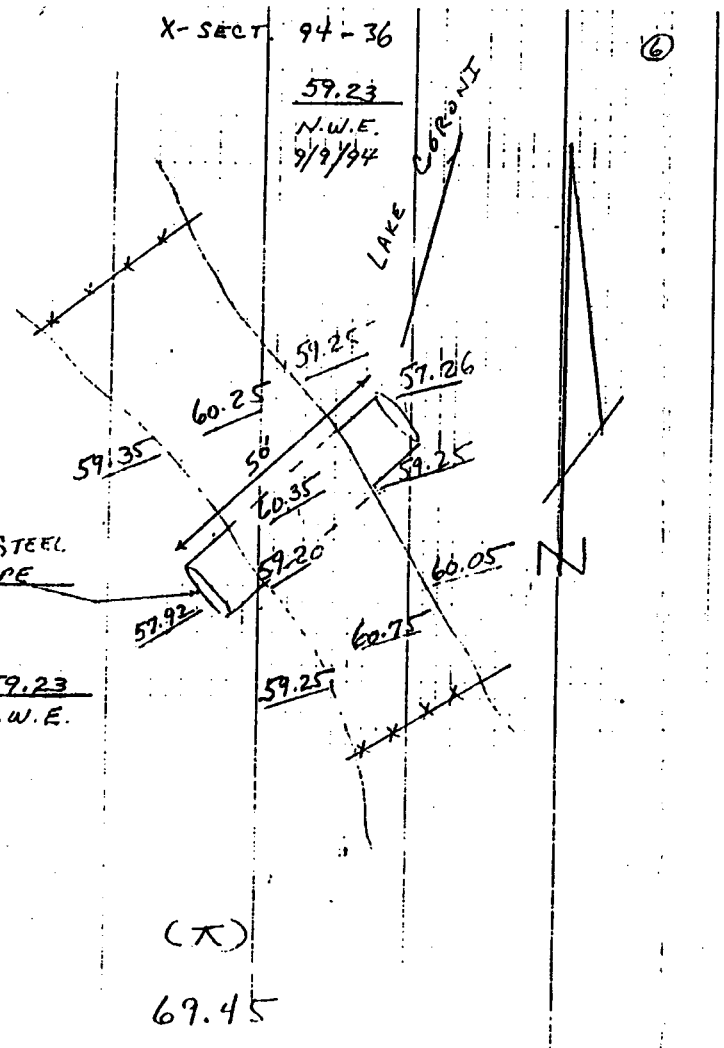
LK. McCOY OUTFALL

9/9/94

STA.	(+)	(A)	(-)	ELEV.	B.M. ELEV.	# 4
T.P. #1					63.31	
	5.79	69.10				
T.P. #2			1.18	67.92		STAKE
T.P. #2				67.92		
	1.37	69.31				
T.P. #1			6.00	63.31		
T.P. #2				67.92		
	1.53	69.45				
			1.53	67.92		60" NAIL PIP

STA LK. McCOY (B.M.)	(+)	LK. McCOY (A)	(-)	ELEV	62.063
			0.44	61.62 9/9/94	

X-SECT. 94-36



(A)

69.45

(5-54)

ORANGE COUNTY
STORMWATER MANAGEMENT DEPARTMENT
4200 S. John Young Parkway
Orlando, Florida 32839
(407) 836-7990

LETTER OF TRANSMITTAL

Date: April 1, 1996

Attention: Walter Philips

Reference: Lakes McCoy, Coroni and Prevatt Stormwater Master Plan

TO: Professional Engineering Consultants, Inc.
200 East Robinson Street, Suite 1560
Orlando, Florida 32801

We are sending you: Please see attached:

COPIES	DESCRIPTION
1	Copy of Lakes McCoy, Coroni, and Prevatt Stormwater Master Plan survey notes.

THESE ARE TRANSMITTED as checked below:

For approval X For your use X As requested

REMARKS: Per your request, please find one (1) copy of the survey notes showing the cross-sectional detail.

SIGNED Deodat Budhu
Deodat Budhu, M.S., P.E., P.H.
Senior Engineer

DB/sg

X-SECTION 94-31

7

CONTOUR CHECKS
LAKE ELEVATIONS
SECTIONS REC'D
6000

CREW 2

(T) (M) - D. SILOW

(M) R - A. STATES

DATE: 8-30-94

T - WILD OATS

84° P CLOUDY

5-55

STATION	+	HI	—	ELEV.
L-735-011	5.20	70.66		65.459
			9.21	61.45
			5.20	65.459
				62.06
			0.53	61.53
				61.45
	11.21	72.66		
			3.92	68.74
			4.28	68.38
			4.03	68.63
			3.88	68.78
			11.21	61.45
				61.45
	11.45	72.90		
			10.6	62.30
			9.3	63.60
			6.8	66.10
			4.9	68.00
			11.45	61.45

DESCRIPTIONS

SEE PG. 4 X-SECT 94-31 FOR DESCRIPTION

LAKE ELEV. FOR LK Mc COY (8-30-94)

CHECK BM L-735-011

SEE LK BOOK 17 PG. 29 FOR DESCRIPTION

LAKE ELEV. FOR LK Mc COY (8-30-94)

LAKE ELEV FOR LK Mc COY (8-30-94)

℄ OF CUL-DE-SAC, S. END OF SONG BIRD WAY (SEE "D" ON AERIAL)

P.I. OF MAY DAY DR & SONG BIRD WAY (SEE "E" ON AERIAL)

100'± E OF P.I. OF MAY DAY DR & SONG BIRD WAY (SEE "F" ON AERIAL)

100'± N OF P.I. OF " " (SEE "G" ON AERIAL)

CHECK BACK

LAKE ELEV. FOR LK Mc COY (8-30-94)

NATURAL GROUND (SEE "H" ON AERIAL)

NATURAL GROUND (SEE "I" ON AERIAL)

NATURAL GROUND (SEE "K" ON AERIAL)

℄ OF SONG BIRD WAY (SEE "J" ON AERIAL)

CHECK BACK

4-94

X-SECTION 94-31

STATION	+	H.I.	−	ELEV.	DESCRIPTIONS
				61.45	LAKE ELEV. FOR LK. Mc Con (8-30-94)
	6.59	68.04			
			8.88	59.16	LAKE ELEV. FOR LK CORONITA (8-30-94)
			6.60	61.44	CHECK BACK
W-520-008				60.11	SEE LK. BOOK 17 PG. 25 FOR DESCRIPTION
	6.09	66.20			
			10.17	56.03	LAKE ELEV. FOR LK. PREVATT
			6.09	60.11	CHECK B.M. W-520-008

CK CORROW 1 2/23/95

X-SECT 95-18 36

STA.	(H)	(X)	(+)	ELEV.	BM ELEV
P.I. #7	2.59	65.85			63.37
T.B.M. #1			6.18	59.67	
	4.16	63.83			
RIVET #1			5.02	58.81	
P.K. BARK 1			4.90	58.93	
W.W.E. #2			4.99	58.84	
T.B.M. #1 (CK. BACK)			4.16	59.67	
	6.65	66.32			
T.P. #1			3.01	63.31	
N.W.E. #3	(SAME AS N.W.E. #2)				

GOD. NAIL IN P.A. #7 BOGGS IN S FACE OF S. SIDE SANDPIPER RD. C.R.-SECT 94-36 P. 4)

SET STAKE

NAT. WATER ELEV #1

FINISHED FLOOR ELEV. BARN

NAT. WATER ELEV. #2

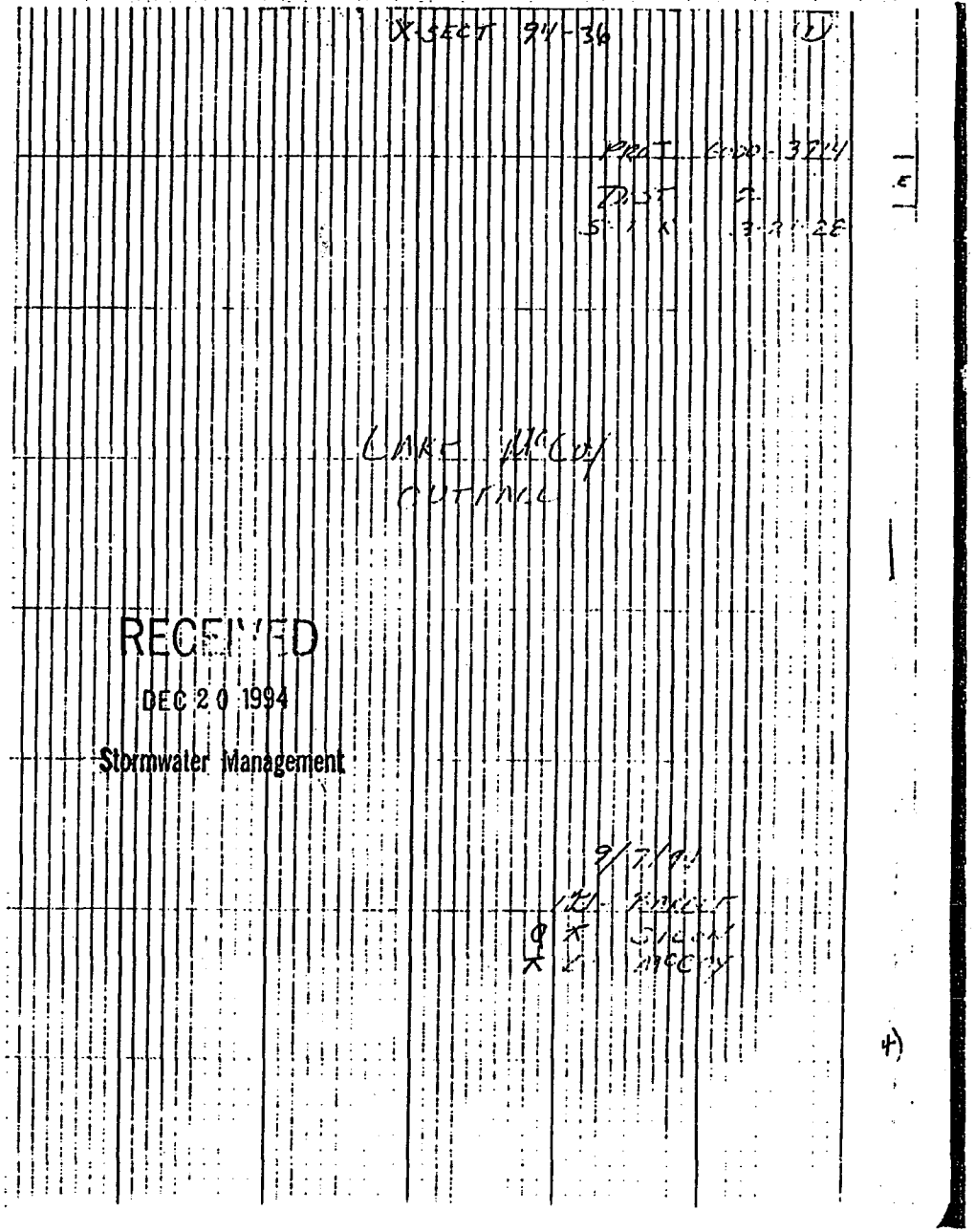
CK. BACK STAKE

GOD. NAIL

RECEIVED
FEB 23 1995
Stormwater Management

4-52

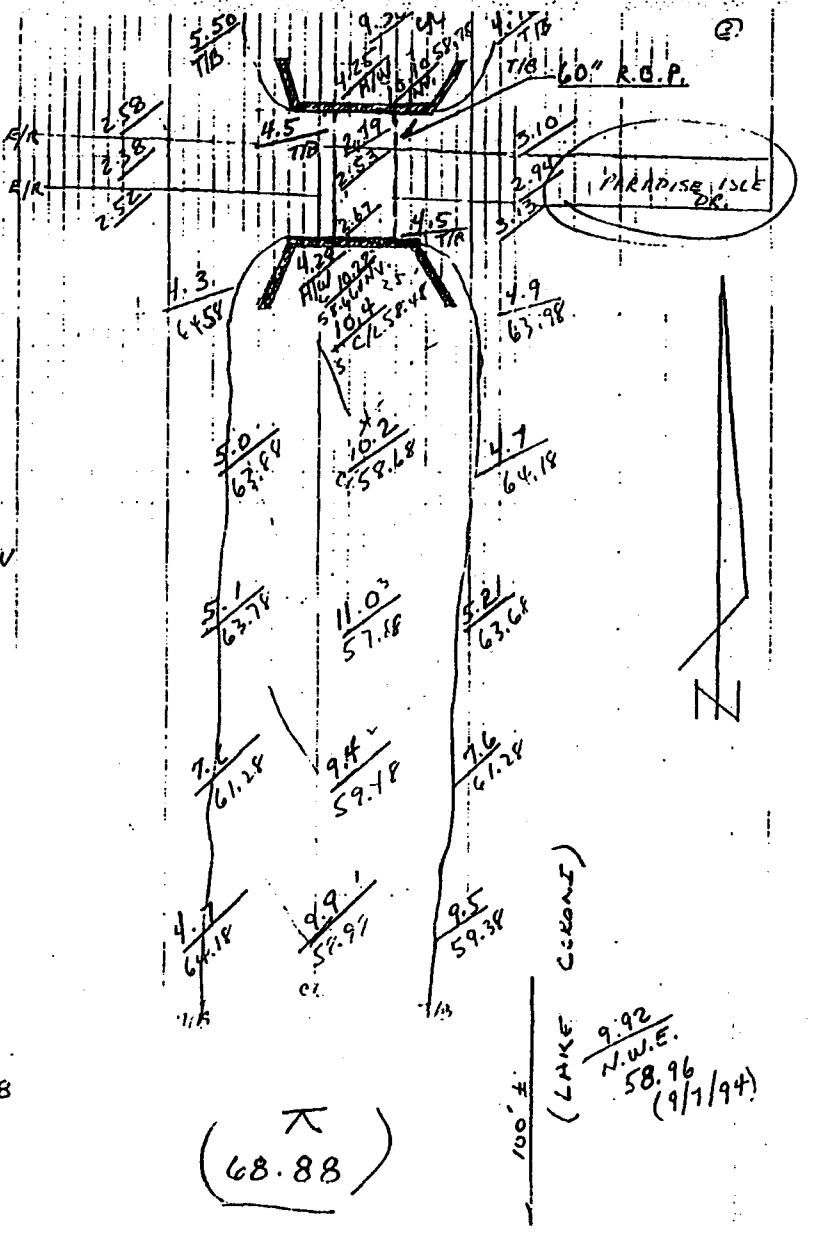
Projects (continued) .....



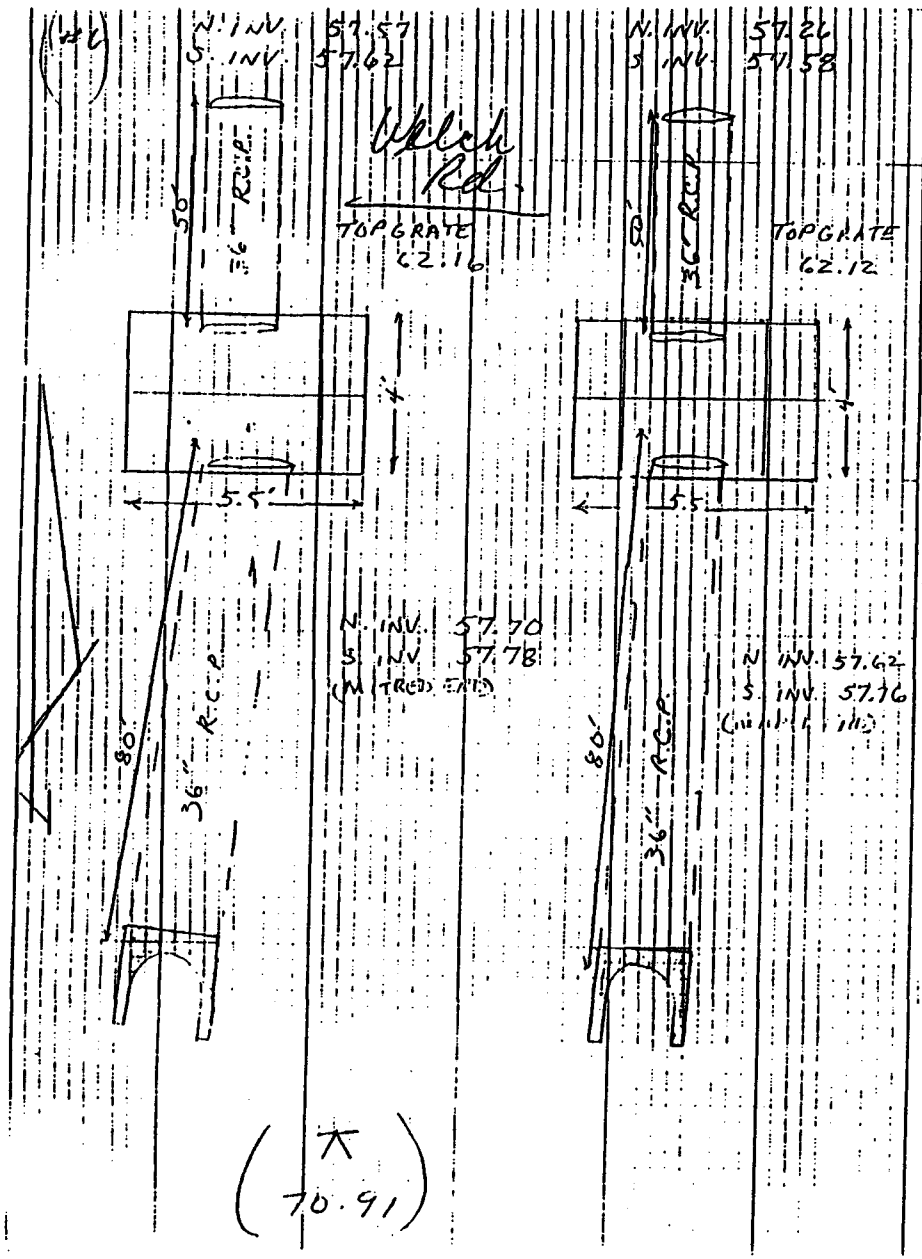
LAKE SURFACE
SEE RUN
X-SECTIONS

STA.	(+)	(-)	ELEV.	BM ELEV.	
LK. SURFACE				70.11	
LK. ELEV.	8.26	68.46			
T.P. #1		77.27	61.11		STAKE
	6.47	67.58			
T.P. #2		0.57	67.01		P.K. NAIL
	13.03	80.04			
T.P. #3		2.98	77.06		P.K. NAIL
	0.20	77.26			
T.P. #4		10.85	66.41		DRILLET
	6.59	73.00			
T.P. #5		4.76	68.24		PAINT DOT
	3.13	71.42			
T.P. #6		6.83	64.59		"□" S. H/W
	7.17				
T.P. #6		64.59		64.59	
CK. BACK		4.29	64.59		
T.P. #6				64.59	
	6.78	71.37			
T.P. #7		3.14	68.23		#5
	4.89	73.12			
T.P. #8		6.73	66.39		#4
	10.93	77.32			
T.P. #9		0.27	77.05		#3
	3.81	80.96			
T.P. #10		13.86	67.00		#2
	0.34	67.34			
T.P. #11		6.24	61.10		#1
	7.36	68.46			
T.P. #12		8.35	60.11 ✓		W-520-008

(#5)



(5-60)



Uhlich Rd.

#6

X-SECT. 94-36

STA	(L)	(R)	(C)	ELEV	B.M. ELEV.
					77.06
T.P.#3 (SEE PG. 2)	2.84	79.90			
			14.24	63.66	
T.P.#2 (PAINT DOT SW)	16.25	79.91			
			2.85	77.06	
T.P.#1	7.25	70.91			63.66
			7.25	63.66	

6000-3714 LAKE McCOY OUTFALL 9/8/94 X-SECT. 94- (4)

STA.	(+)	(-)	(+)	ELEV.	B.M. ELEV.
LK. McCOY B.M. (MEASURED)			0.62		62.063
N.W.E. LK. McCOY	4.61	66.05		61.44	61.44
T.P. # 1	2.75	66.06	2.74	63.31	
N.W.E. LK. McCOY T.P. # 1	4.40	67.71	4.63	61.43 63.31	
CK. BANK			4.40	63.31	

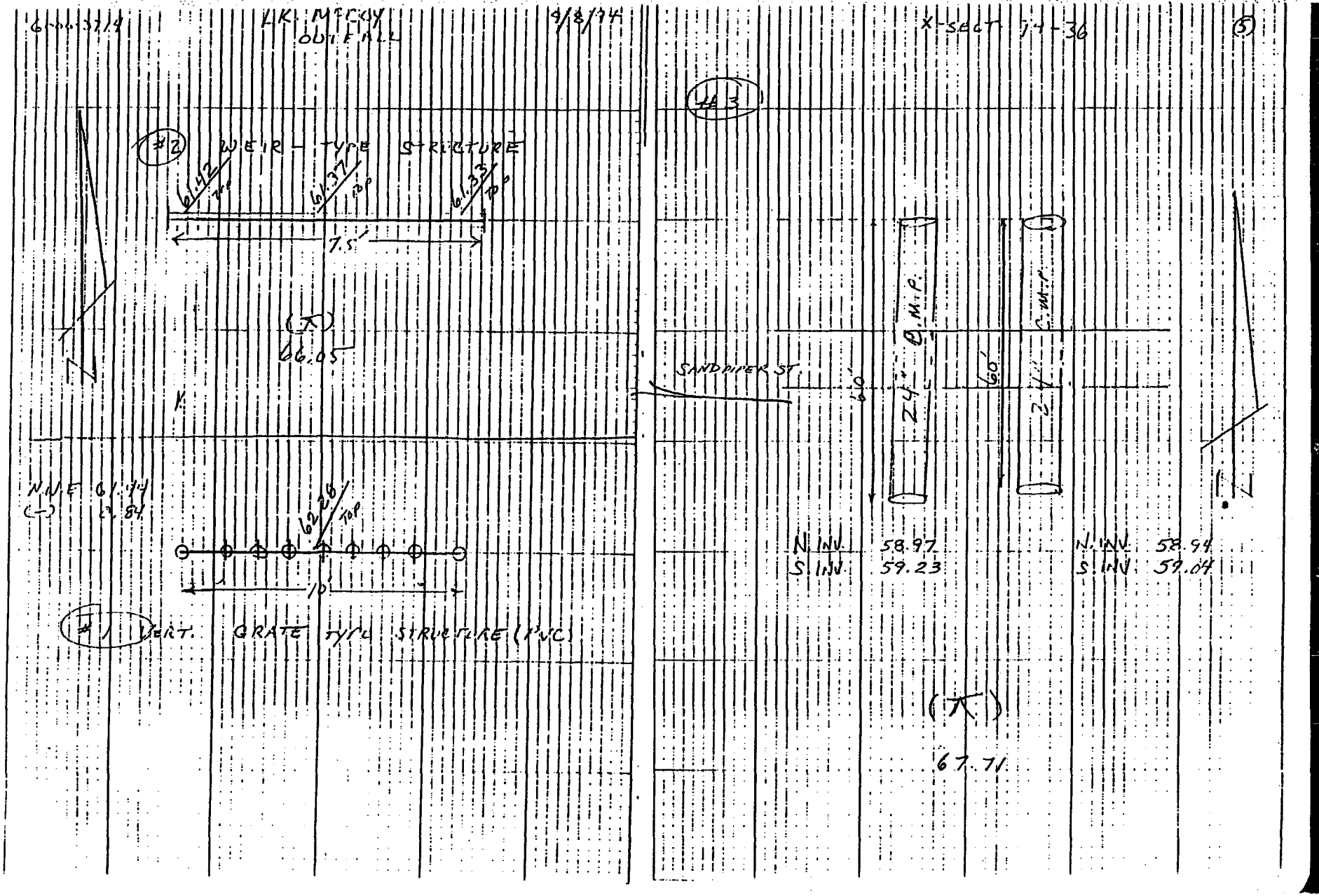
N.W.E. LAKE McCOY 9/8/94 11:00 AM.

SET GOD NAIL IN PP # 790009 IN S. FACE.

N.W.E. LK. McCOY

GOD NAIL

5-67


6-00-3714
LK. MCCOY
OUTFALL
9/8/74
X-SECT. 74-36
#2 WEIR-TYPE STRUCTURE
6.42 90°
6.37 90°
6.33 90°
7.5'
(T)
66.05
#3
SANDPIPER ST.
24" R.M.P.
60'
10'
N.N.E. 61.44
(-) 2.84
6.28 90°
10'
#1 VERT. GRATE TYPE STRUCTURE (PVC)
N. INV. 58.97
S. INV. 59.23
N. INV. 58.94
S. INV. 59.04
(T)
67.71
5
5-23

Book 3714

LK. McCOY OUTFALL

9/9/94

STA	(+)	(+)	(−)	ELEV	B.M. ELEV.
T.P.#2					63.31
	5.79	69.10			
T.P.#2			1.18	67.92	
T.P.#2				67.92	
	1.39	69.31			
T.P.#1	"		6.00	63.31	
T.P.#2				67.92	
	1.53	69.45			
			1.53	67.92	

#4

STAKE

60" NAIL PIP

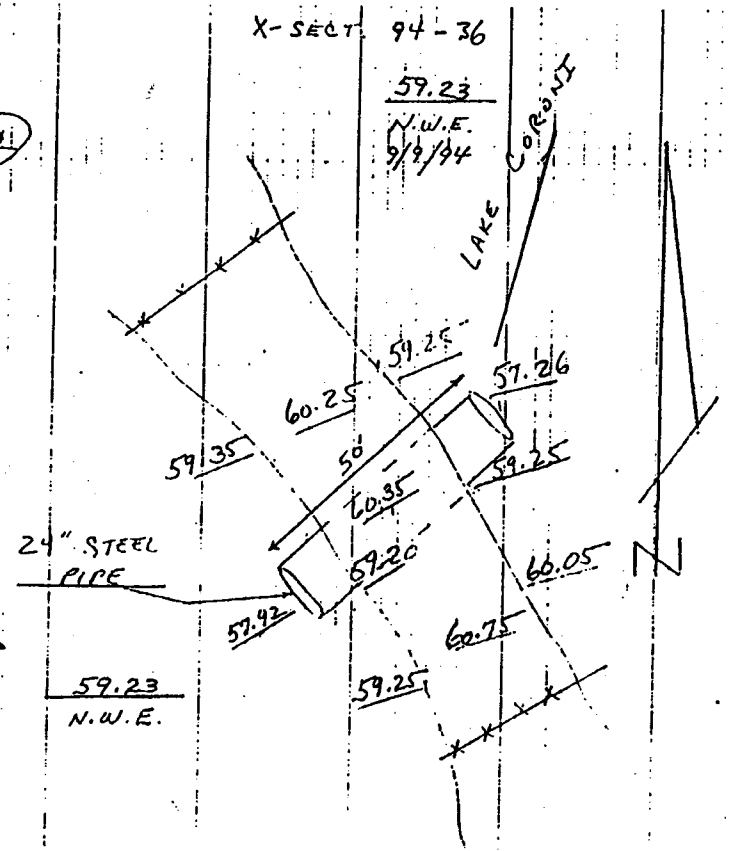
LK. McCOY

STA	(±)	(+)	(−)	ELEV
L.K. McCoy (B.M.)				62.06
			0.44	61.62

9/9/94

X-SECT 94-36

⑥



(+)

69.45

S-24

X SECTION 96-6

STORMWATER MANAGEMENT MASTER PLAN
LAKE McCOY, LAKE CARONI, & PREVATT LAKE
DRAINAGE BASINS
6000-3979

ZEISS NI 2

DATE 3-25-96

S. T. R.
34-20-28 S
3-21-28

PAGES

	40-52
#2 ON REQUEST	41
#3 ON REQUEST	42
NORTH HALF #1 ON REQUEST	43-44
DEM. RUN	45-48
SOUTH HALF #1 ON REQUEST	49-52

A. D. Dixon
T. M. Abbott
B. L. Smith

STA	T	ANGV	DEDC	
MP# 1	2.85	63 31		REC 60 R NAIL IN S FACE OF P.P.# 790009 (SEE X-SECT 94-36 PG 41)
	66.6			
	4.66	61.28		TOP OF WATER LAKE McCOY
	7.84	63 37		CHECK BM

DATE: 3-25-96

75°F CLEAR

* NOTE: # 2 ON REQUEST

X-SECT 96-5

SANDPIPER ST (D=RT)

SEE SPOT "B" ON AERIAL

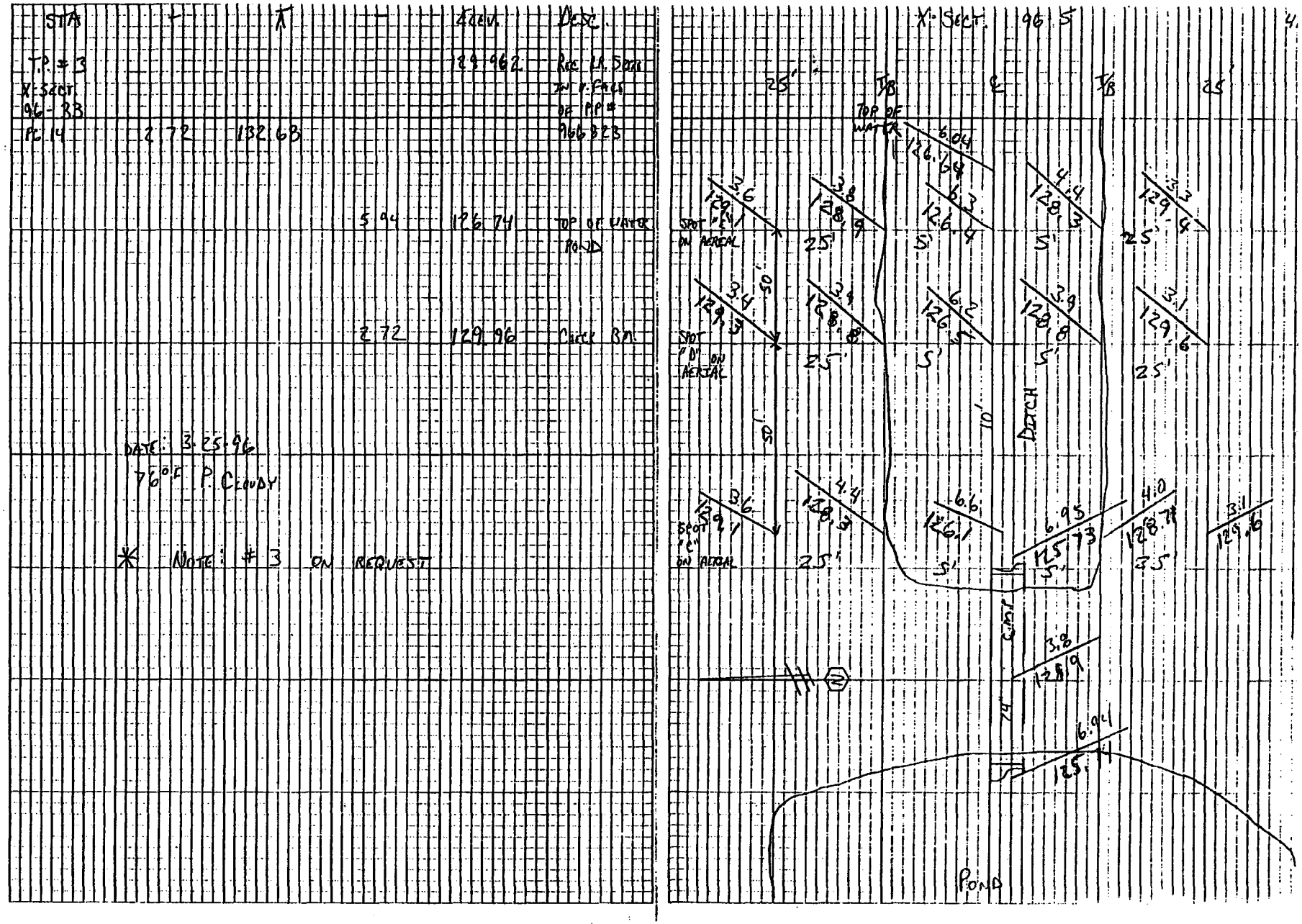
SEE SPOT "A" ON AERIAL

TOP OF WATER

TOP OF WATER

LAKE McCOY

99-1


STA
T.P. #3
X-SECT
96-3B
PG. 14
2.72
132.68
5.94
126.74
TOP OF WATER
POND
2.72
129.96
CHECK BM.
DESC.
REC. IN SOIL
W/ PINK
DF PP#
966323
ACCEV.
129.962
DATE: 3.25.96
76°F P. CLOUDY
* NOTE: #3 ON REQUEST
X-SECT. 96 5
T/B
T/B
TOP OF WATER
SPOT "C" ON AERIAL
SPOT "D" ON AERIAL
SPOT "E" ON AERIAL
DITCH
POND
25'
50'
10'
5'
2%

STA	+	Y	=	ELEV.
TP #1				105.47
	4.50	109.97		
T.P. #1			5.35	104.62
	5.57	110.19		
TP #1			4.72	105.47

DATE 3-26-96

30° F PARTLY CLOUDY

X-SECT. 96-5

REC "X" CUT ON N RIM MH ON TOP OF CONC. CURB INLET 20'± W. OF ACCESS #320 WELCH RD. 25'± S OF C OF WELCH RD.
(SEE X-SECT 96-33 PG. 14)

SET STAKE.

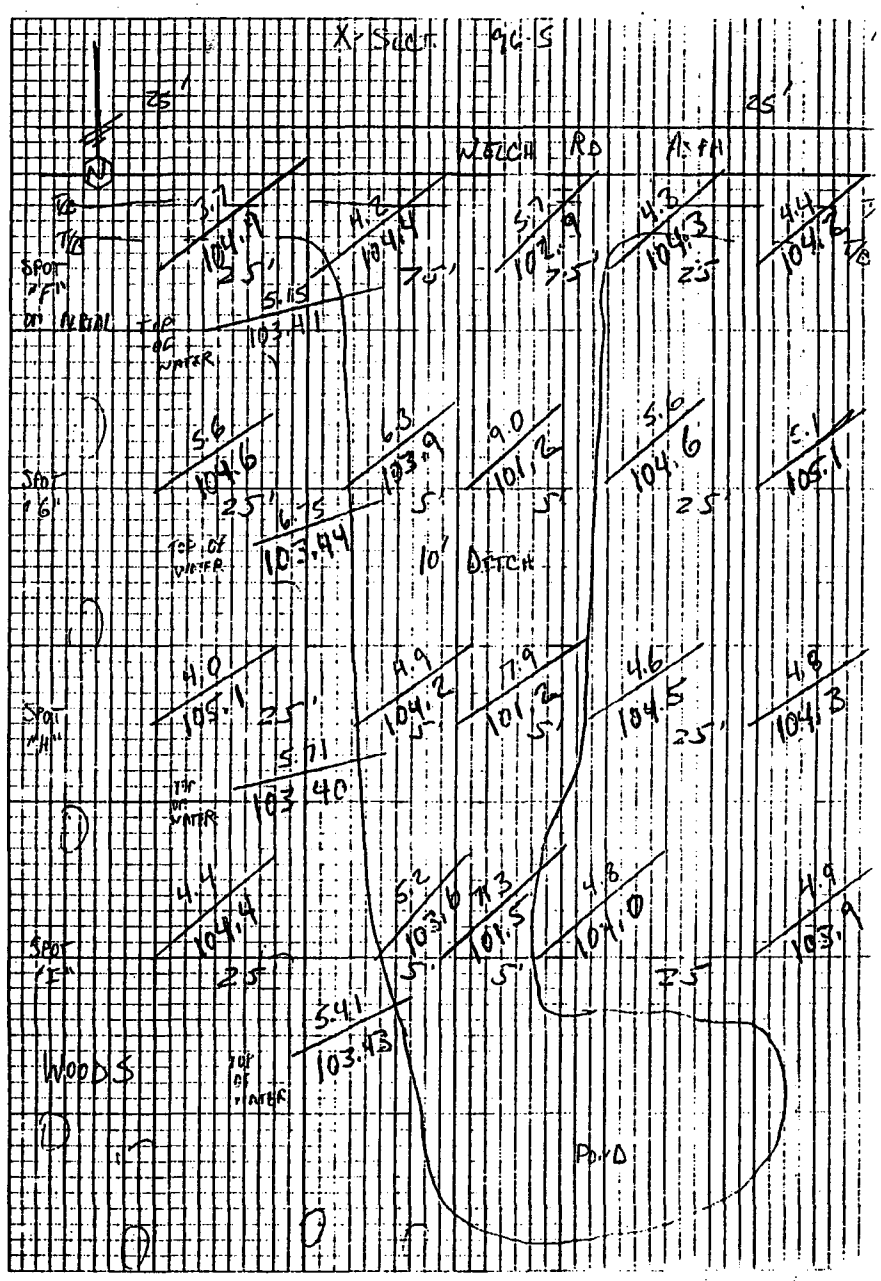
CHECK GM

STA	+	-	ELEV	DESC
TBM #4			105.47	SEE PREVIOUS PAGE
	3.09	108.56		
TBM #4		3.09	105.47	CHECK BM
T.P. #4			105.47	SEE PREVIOUS PAGE
	4.72	110.19		
T.P. #4		4.72	105.47	CHECK BM
T.B.M. #1			104.62	SEE PREVIOUS PAGE
	4.99	109.11		
T.B.M. #1		4.99	104.62	CHECK BM.
T.B.M. #1			104.62	SEE PREVIOUS PAGE
	4.22	108.84		
T.B.M. #1		4.22	104.62	CHECK BM

DATE: 3-26-96
81° F PARTLY CLOUDY

* NOTE: # 1 ON REQUEST (DITCH RUNNING NORTH)

X-SECT. #6.5



X-Sect. 96-5

600.0 - 3979

B.M. Run

T - Zeiss NI2

DATE: 3-27
3-29
4-1-96

Pts. 45-48

A - D. Sicon
T - M. Abbott
R - L. Smith

5-70

X-SECT 96-5 BM RUN

STA.	+	=	BM/ELEV.	
T.P.#6			97.164	T.P. #6 (SEE X-SECT 96-53 PG. 3) R.R. SPIKE IN WEST FACE OF T.P. #67658 E. SIDE OF USTLER AT ADD. #1023 USTLER RD.
	9.581			
		105.745		
		4.372		
T.B.M.#01			101.373	SET STEEL PIN (TBM)
	3.367			
		104.740		
		1.769		
T.B.M.#02			102.971	SET STEEL PIN (TBM)
	5.231			
		108.202		
		3.934		
T.B.M.#03			104.268	SET WOOD STAKE (TBM)
	4.152			
		108.420		
		2.305		
T.B.M.#04			106.115	SET 60 PN. NAIL IN EAST FACE OF 10" PINE TREE
	3.584	109.999		
		6.575	103.424	
T.B.M.#5				SET 1"X2" WOOD STAKE (170' S. OF T.P.#4)
	4.339	107.163		
		4.915	102.548	
T.B.M.#6				SET 1"X2" WOOD STAKE (350' S. OF T.P.#4)

STA	+	−	ELEV	DESC
T.B.M. #6			102.548	
	4.534	107.082		
T.B.M. #7			2.707	104.375	SET STAKE
	4.292	108.667		
T.P. #8			6.546	102.121	SET 60D P. NAIL IN N.E. FACE 12" GUM TREE 600'± S.E. OF T.P. # 4
	4.781	106.902		
T.P. #9			2.468	104.434	SET 60D P. NAIL IN W. FACE OF 18" GUM TREE 800'± S.E. OF T.P. # 4, 75'± E. OF T/B OF BARNARD
	0.082	104.516		(SAME: 3-24-96 80°F CLEAR)	
T.P. #10			5.517	98.999	SET 60D P. NAIL IN W. FACE OF 10" OAK 410'± E. OF DITCH 1000'± S.E. OF T.P. # 1
	7.881	101.880		
T.B.M. #11			5.210	96.670	SET 60D P. NAIL IN E. FACE OF 4" OAK 50'± E. OF DITCH 1800'± S.E. OF T.P. # 4 SET STAKE
	3.758	100.428		
T.P. #12			2.779	97.649	SET 60D P. NAIL IN W. FACE OF 15" HICKORY 50'± E. OF DITCH 900'± S.E. OF T.P. # 4
	2.271	99.920		
T.P. #13			6.349	93.771	SET 60D P. NAIL IN N. FACE OF 10" OAK 410'± E. OF DITCH 250'± W. OF N.W. CORNER OF POOL ON SOUTH SIDE USETLER PROP.

STA	+	K	−	Elev
	4 459	98 230		
T.B.M #14			9.372	88.858
	1 143	90 001		
T.B.M #15			11.109	78.892
	13 404	98 796		
T.B.M. #16			1.248	91.048
	7 300	98 348		
T.P. #6			1.179	97.169 (97.164) O.C.D
		TOTAL ERROR 0.005		
		75°F CLOUDY		
		DATE: 4-1-96		

X-SECT 9605

DESC

SET STAKE

SET STAKE

SET PK NAIL IN E/P USTUR RD

SAME DESC AS PG 46

SEE X-SECT 96 33 PG 3

* NOTE TP #6 WAS SET 2 WEEKS AGO AND WAS IN GOOD SHAPE

X-SECT 96-05

6000-3979

X-SECTIONS

T - ZEISS NI 2

DATE: 4-1-96 TO
4-2-96

PGS 49-52

QA - DEAN
T - M ABBOTT
Q - L SMITH

* NOTE #1 ON REQUEST

S-34

STA	+	T	—	ELEV	DESC
TP #4	3 85	109.97		106.115	SEE PG 46
T.P #4			3.85	106.115	CHECK BM

* SEE SPOT "J" ON AERIAL

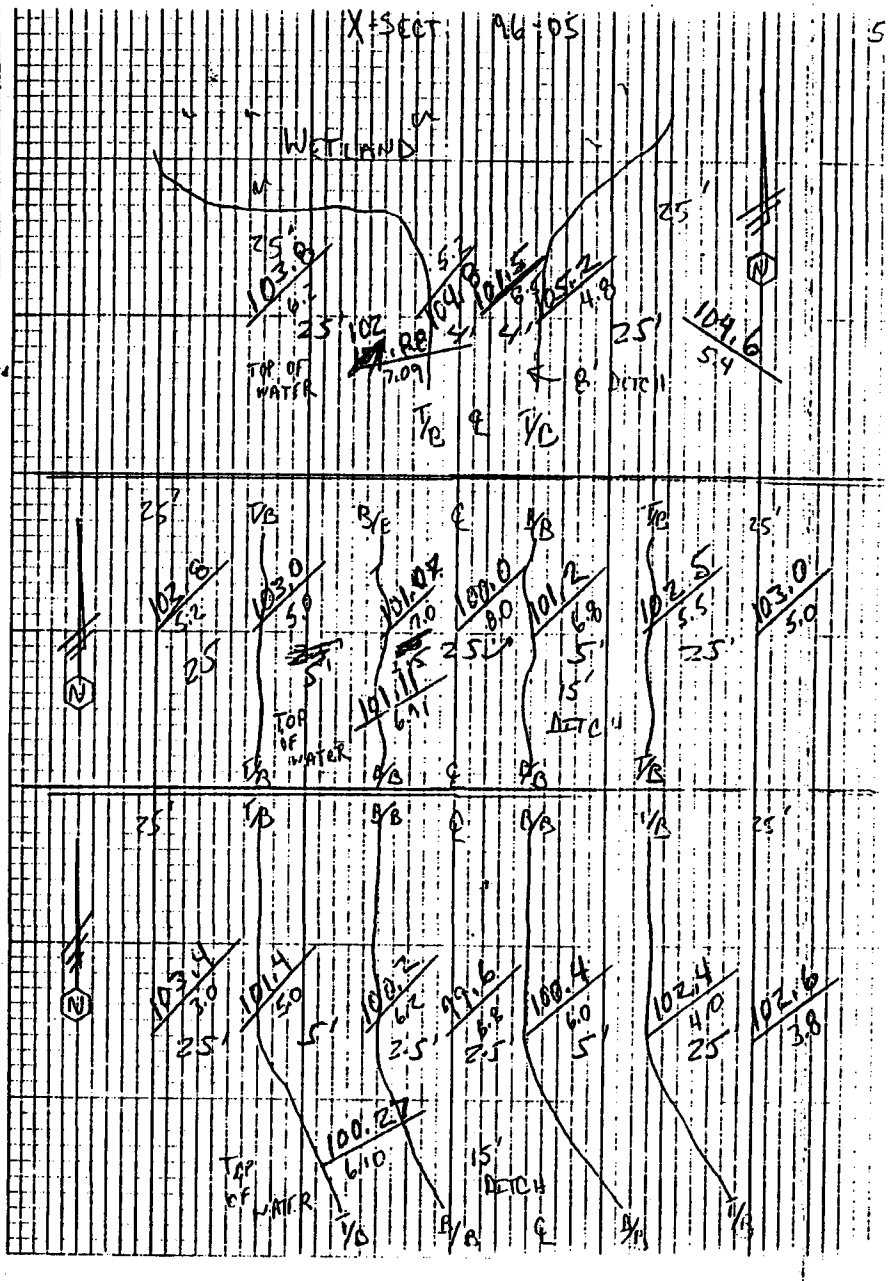
T.B.M #5	4 90	108.02		103.124	SEE PG 46
T.B.M #5			4.90	103.124	CHECK BM

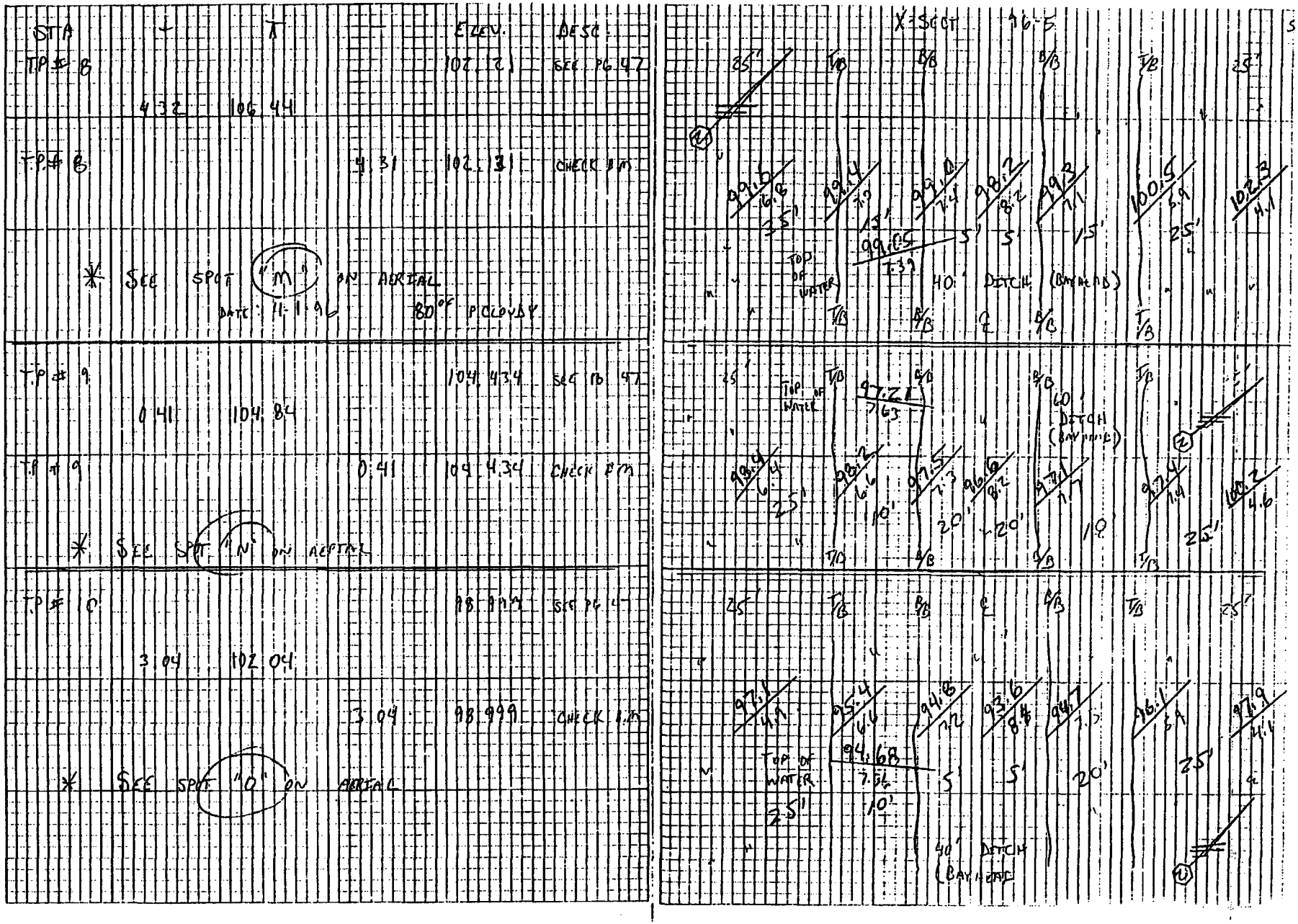
* SEE SPOT "K" ON AERIAL

T.P. #6	3 82	106.37		102.548	SEE PG 46
T.B.M #6			3.82	102.548	CHECK BM

* SEE SPOT "L" ON AERIAL

X-SECT PG 05




STA
ELEV.
DESC
T.P # 8
102.12
SEE PG 47
4.32
106.44
T.P # 8
4.31
102.13
CHECK BM
* SEE SPOT "M" ON AERIAL
DATE: 11-19-
80° P CLOUDY
T.P # 9
104.434
SEE PG 47
0.41
104.84
T.P # 9
0.41
104.434
CHECK BM
* SEE SPOT "N" ON AERIAL
T.P # 10
98.844
SEE PG 47
3.04
102.04
3.04
98.999
CHECK B.M.
* SEE SPOT "O" ON AERIAL
X-SECT
96-E
T/B
B/B
℄
TOP OF WATER
40' DITCH (BANKED)
40' DITCH (BANKED)
40' DITCH (BANKED)
25'
35'
20'
10'
5'
15'

STA	+	ft	—	ELEV	DESC
T.P. #11				96.670	SEE PG 47
	2.38	98.05			
T.P. #11			2.38	96.670	CHECK B.M.

* SEE SPOT "P" ON AERIAL

T.P. #12				97.649	SEE PG 47
	0.06	97.71			
T.P. #12			0.06	97.649	

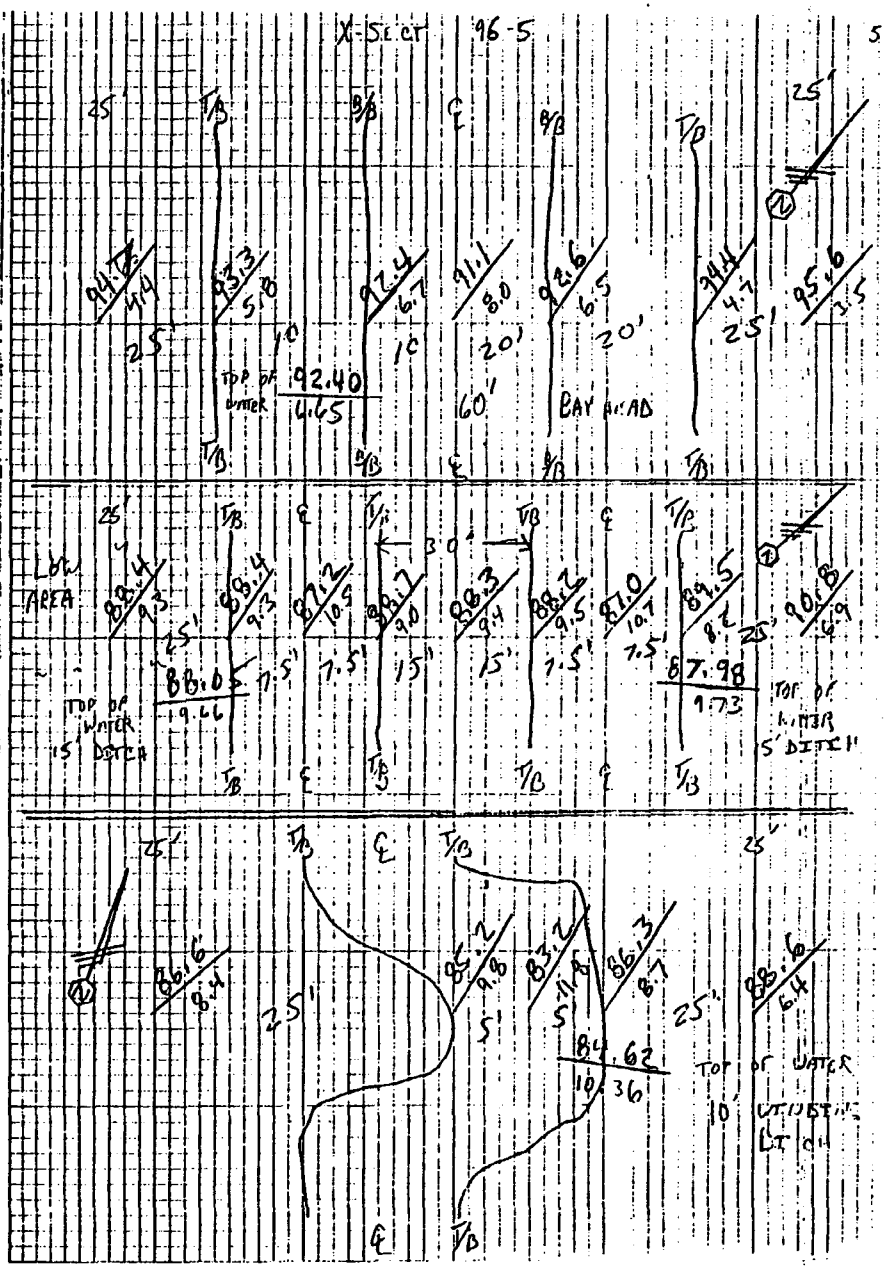
* SEE SPOT "Q" ON AERIAL

T.P. #13				93.771	SEE PG 47
	1.21	94.98			
T.P. #13			1.21	93.771	CHECK B.M.

* SEE SPOT "R" ON AERIAL

65° PROJUNY

X-SECT 96-5



LETTER OF TRANSMITTAL

ORANGE COUNTY
STORMWATER MANAGEMENT DEPARTMENT
4200 South John Young Parkway
Orlando, Florida 32839

Date: November 21, 1996

Reference: Lake McCoy, Lake Coroni, and Lake Prevatt Study

RECEIVED
NOV 2 5 1996
P.E.C. INC. ORLANDO
WORK COPY (Y) N
ORIGINATOR WP
ONE COPY & ROUTE TO
DWH 1
FILE OC-070
CONC TO 1-1.0

TO: Waltz Phillips, P.E.
Professional Engineering (PEC)
200 East Robinson Street
Eola Park Center, Suite 1560
Orlando, Florida 32801

We are sending you: (See below):

COPIES	NO.	DESCRIPTION

Three (3) pages of survey information for referenced study

THESE ARE TRANSMITTED as checked below:

For approval X For your use X As requested

REMARKS: **We are sending you the survey information you requested per your memorandum dated November 7, 1996, on the Lake McCoy, Lake Coroni, and Lake Prevatt study.**

SIGNED: Deodat Budhu

Deodat Budhu, M.S., P.E., P.H.
Senior Engineer

DB/sg

MISCELLANEOUS SURVEY

INFORMATION

X-Sect. 96-91
Lake McCoy

π = Wild N.A. - 2

20 Nov 96
M - Smouse
π - Thomas
ϕ - Lopez
6.000 - 4105
3-21-28

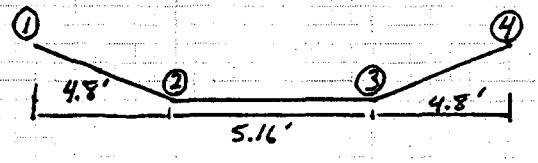
STA	+	X	-	Elev.
				61.064
498'		66.04		

PEC | **PROFESSIONAL ENGINEERING CONSULTANTS, INC.**
engineers planners surveyors
200 East Robinson Street Suite 1560 Orlando, Florida 32801 407/422-8062 Fax 407/849-9401

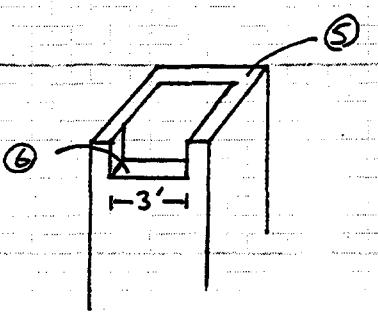
PROJECT: Lakes McCoy, Coroni, and Prevatt Drainage Study JOB NO. 0C-070
MADE BY: WP CHECKED BY: _____ DATE: _____ SHEET 1 OF 1

Bench Mark → Top of grate on manhole surveyed by Jones, Haechst and Associates as shown on page 34 - Item #9

B.M.	B.S.	H.I.	F.S.		Elev.	B.M. Elev.
Item #9, p. 34	6.90	109.83				102.93
JHA survey			2.87	①	106.96	
			3.88	②	105.95	
			3.92	③	105.91	
			2.95	④	106.88	
			2.89	⑤	106.94	
			3.89	⑥	105.94	



Trapezoidal overflow weir to the east of athletic field



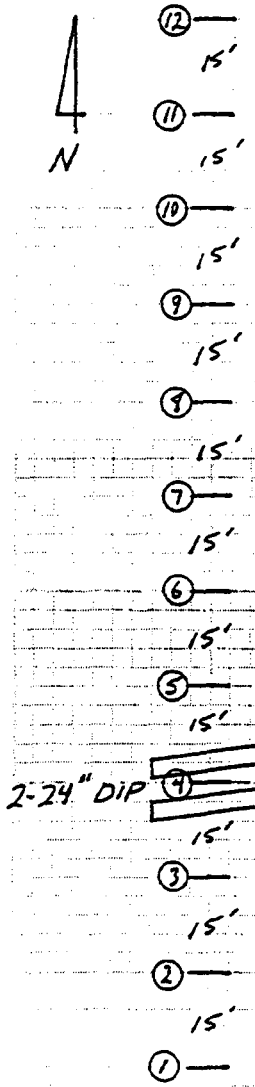
Inlet w/ weir on Dream Lake outfall @ school athletic field

PEC | **PROFESSIONAL ENGINEERING CONSULTANTS, INC.**
engineers planners surveyors
200 East Robinson Street Suite 1560 Orlando, Florida 32801 407/422-8062 Fax 407/849-9401

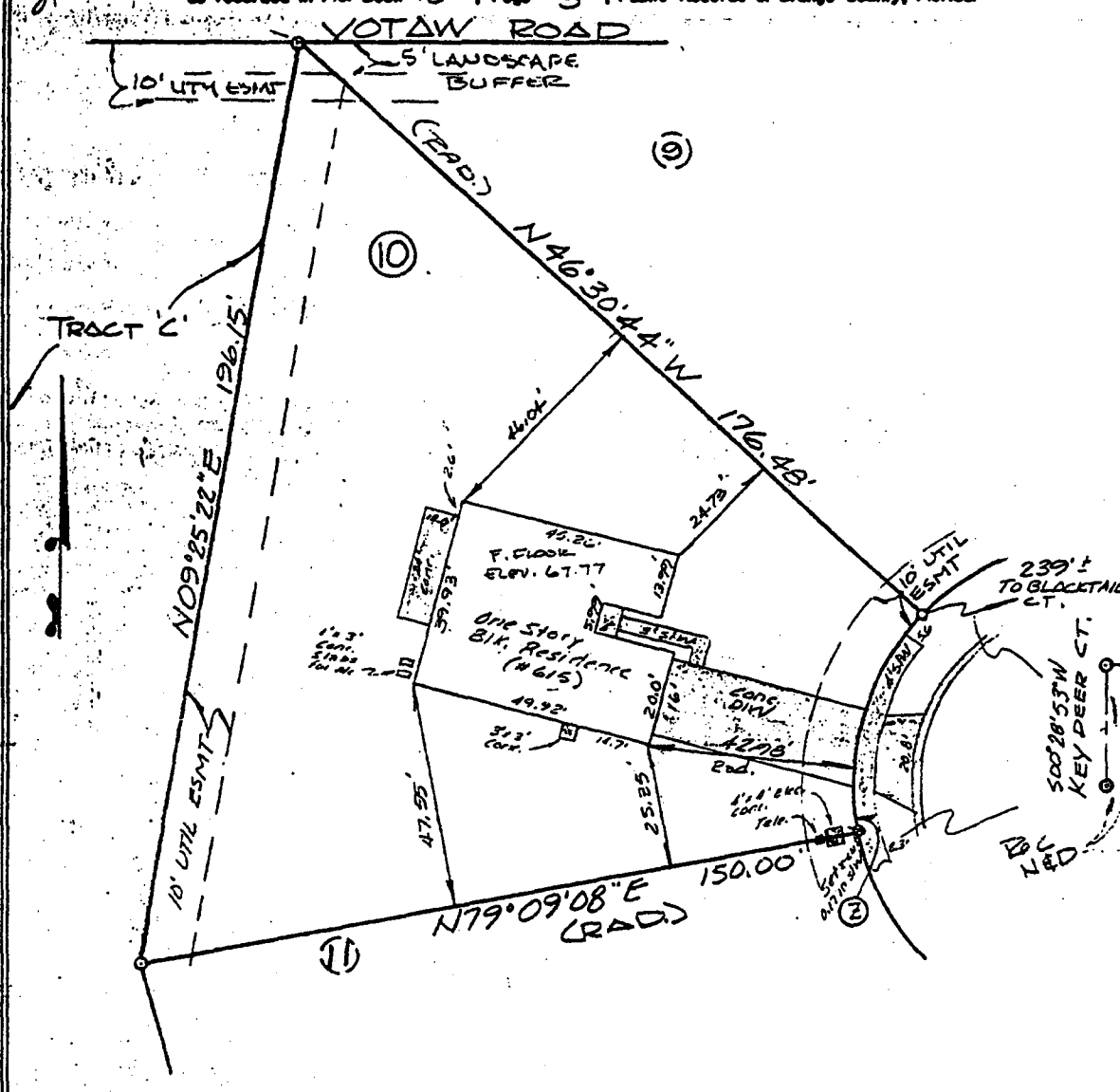
(5-A)

PROJECT: Lakes McCoy, Caroni, and Prevatt Drainage Study JOB NO. OC-070
MADE BY: WP CHECKED BY: DATE: SHEET 1 OF 1

B.M.	B.S.	H.I.	F.S.		Elev.	B.M. Elev.
North Pipe/East inv.	7.66	100.37				92.71
South Pipe/East inv.	7.77					92.60
			3.76	①	96.61	
			4.38	②	95.99	
			5.16	③	95.21	
			4.78	④	95.59	
			5.22	⑤	95.15	
			5.47	⑥	94.90	
			5.45	⑦	94.92	
			5.50	⑧	94.87	
			4.98	⑨	95.39	
			5.02	⑩	95.35	
			4.92	⑪	95.45	
			4.14	⑫	96.23	



Lot 10 , Block ~ , VOTAW VILLAGE
as recorded in Plat Book 18 , Page 3 , Public Records of Orange County, Florida.



Based on Firm, Flood Hazard Boundary Map, Panel No. 120190 0158 B, Orange County, Unincorporated areas, Florida, this lot is within a Flood Prone Area Zone A-3, Elev 76.

5-80

O Rec 1221 LR. W/CAP
- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

JAMES M. JOINER FLS 3908

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
390 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
PULTE HOMES

DATE: 11-12-96
SCALE: 1" = 30'
FOUNDATION ADDED: 3-19-87
FINAL ADDED: 5-21-87
DRAWN BY: ROG
FILE NUMBER: 9161

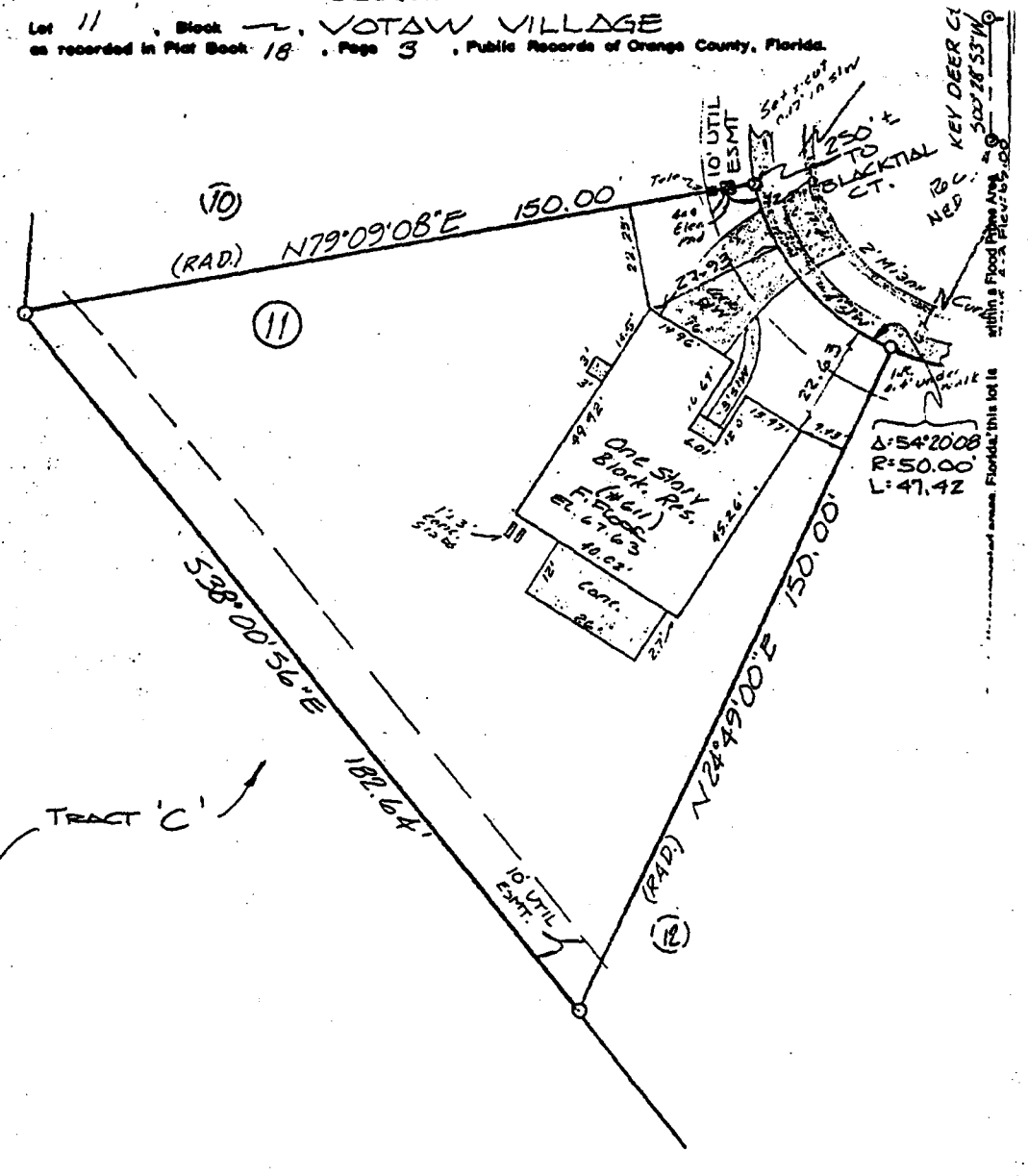
NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

P/32/81

DESCRIPTION

Lot 11, Block —, VOTAW VILLAGE
as recorded in Plat Book 18, Page 3, Public Records of Orange County, Florida.

S-81



ELEV. BASED ON "O" ON TOP SOUTHERN-MOST STORM INLET AT INT. CERVIDAE & KEY DEER LT. EL. 66.93 FROM SEM. CO. BENCH MARK.

O Rec. I.R. 1221
- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

JAMES M. JOINER PLS 3308

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
800 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
PULTE HOMES

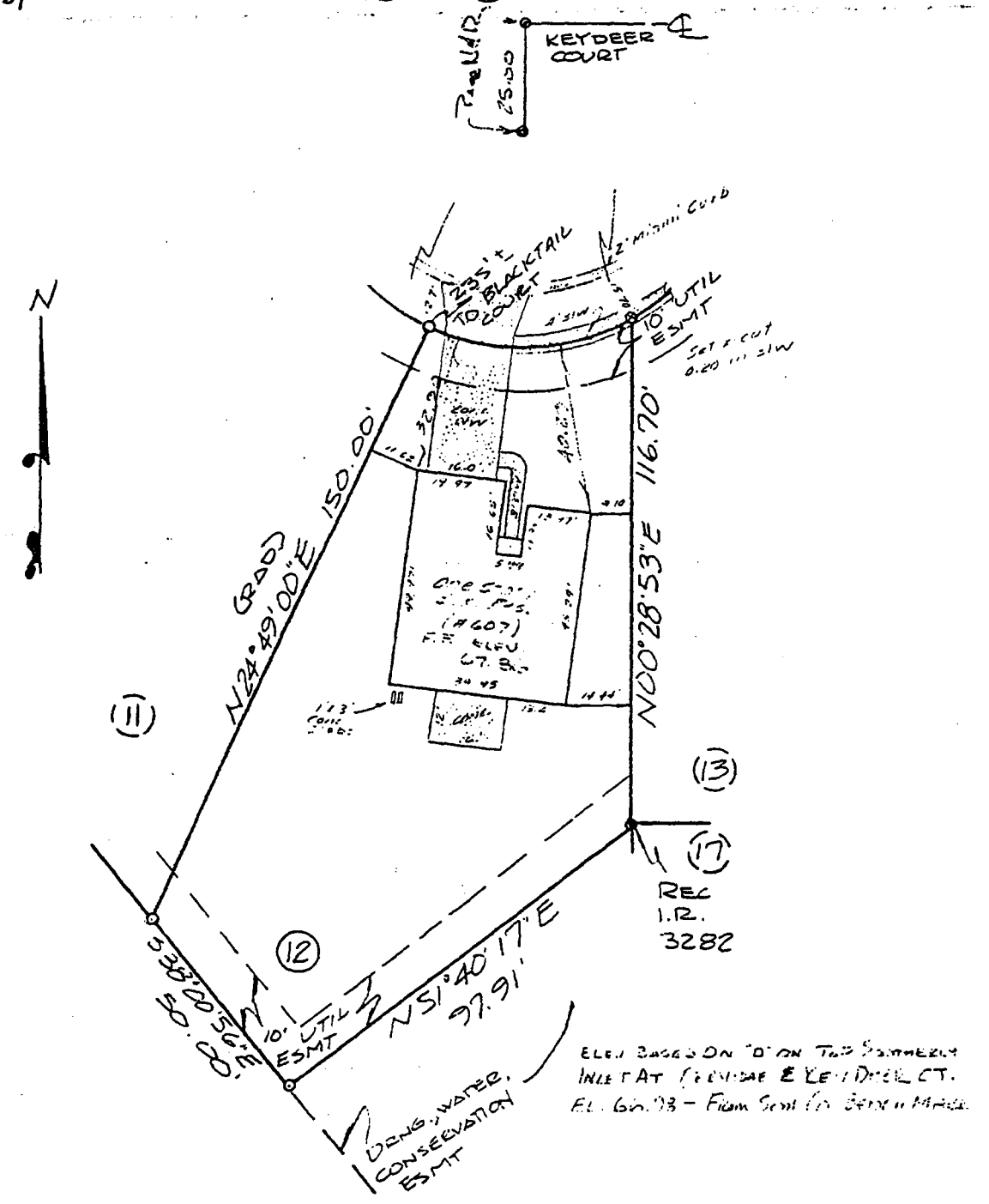
DATE: 11-12-86
SCALE: 1"=30'
FOUNDATION ADDED: 3-11
FINAL ADDED: 3-26
DRAWN BY: R.O.G.
FILE NUMBER: 9161

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

5/2/11

Lot 12 , Block 2 , VOTAW VILLAGE
as recorded in Plat Book 18 , Page 3 , Public Records of Orange County, Florida.

5-82



Based on Firm, Flood Hazard Boundary Map, Panel No. 120179 0125 B, Orange County, Unincorporated areas, Florida, this lot is within a Flood Prone Area

○ Rec I.R. 1221

- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

JAMES M. JOINER FLS 3928

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING - LAND SURVEYING
880 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
PULTE HOMES

DATE: 11-12-86
SCALE: 1"=30'
FOUNDATION ADDED: 3-11-87
FINAL ADDED: 5-4-87
DRAWN BY: R.O.G.
FILE NUMBER: 9161

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

5/2/7/87

PLAT OF SURVEY

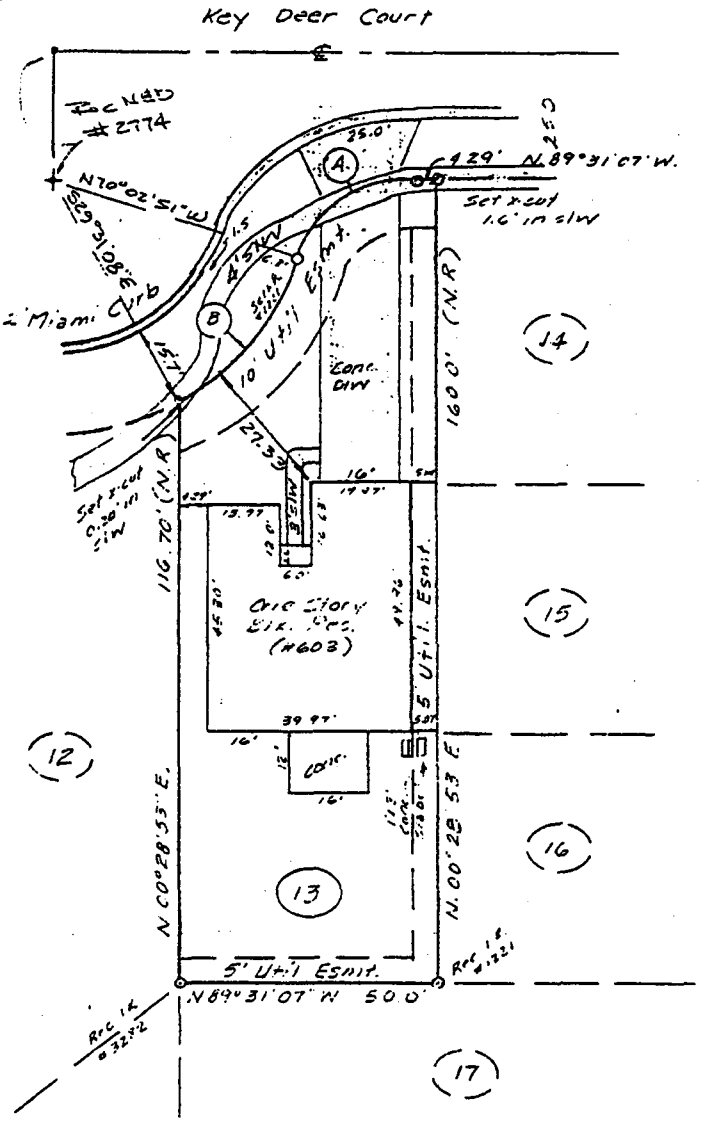
DESCRIPTION

Lot 13 , Block ~ , Votaw Village
as recorded in Plat Book 18 , Page 3 , Public Records of Orange County, Florida.

5-83

(A) Δ = 70°31'44"
Arc = 30.77'
Rad = 25.0'
C.B. =

(B) Δ = 40°31'43"
Arc = 35.37'
Rad = 50.00'
C.B. =



EL. BASED ON "D" ON TAP SOUTHERLY INLET AT SEAGLADE & KEY DEER CT. ELEV 66.98 FROM FEM. FD. BENCH MARK.

Based on Firm, Flood Hazard Boundary Map, Panel No. 120179 0155 E Orange County, Unincorporated areas, Florida, this lot is within a Flood Prone Area.

- Rec Iron Rod # LB 1221
- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

Carmelo M. Jimenez

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
250 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
PULTE HOMES

DATE: 3-16-87
SCALE: 1" = 30'
FOUNDATION ADDED: 3-11-87
FINAL ADDED: 5-14-87
DRAWN BY: tm
FILE NUMBER: 9161

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

#60224

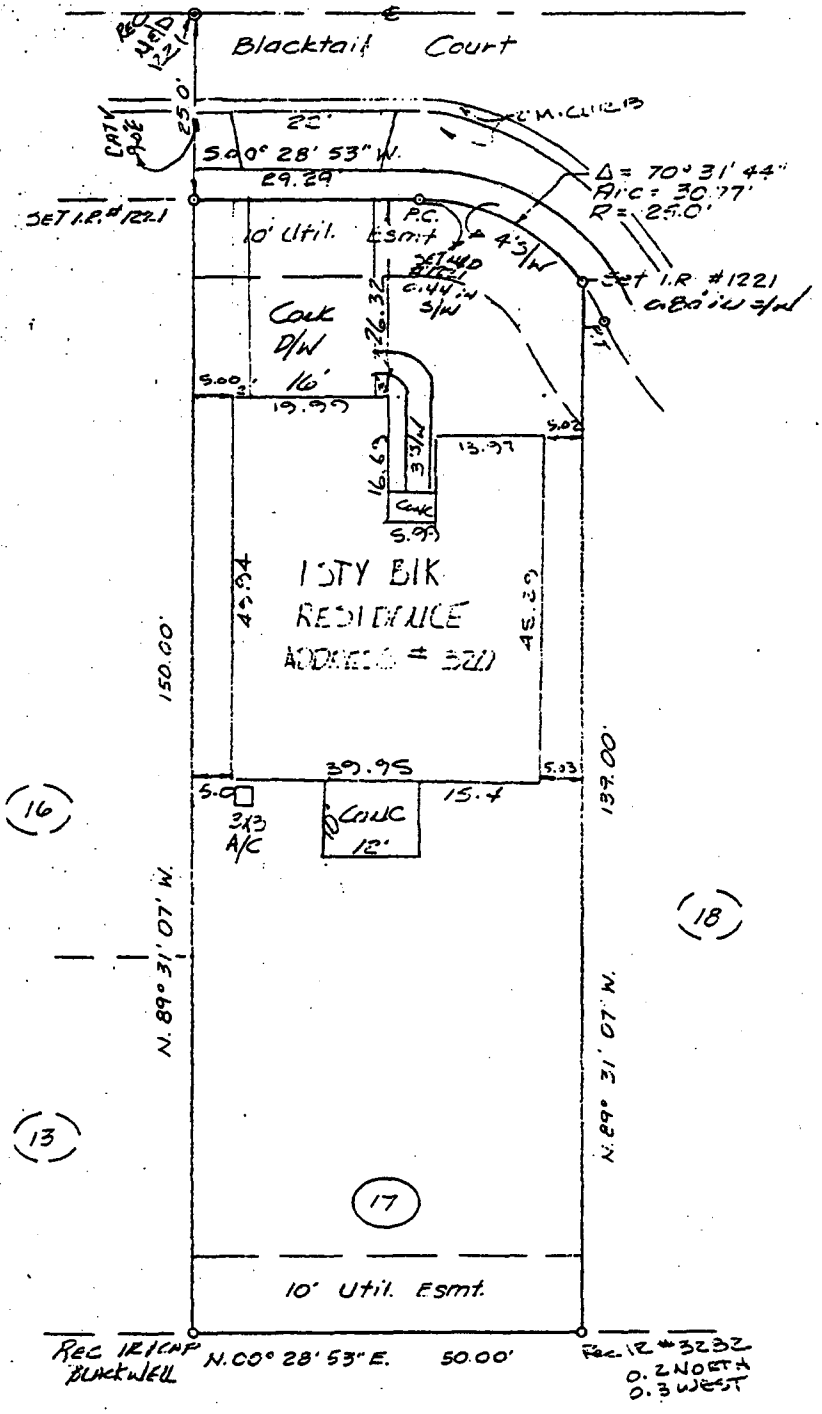
5-84

PLAT OF SURVEY

RECEIVED MAR 3 1987

DESCRIPTION

Lot 17 . Block ~ . Votaw Village
as recorded in Plat Book 18 . Page 243 . Public Records of Orange County, Florida.



NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

Based on Firm, Flood Hazard Boundary Map, Panel No. _____, Orange County, Unincorporated areas, Florida, this lot is not within a Flood Prone Area

- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

James M. Joiner, P.L.S. 3808
State of Florida

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
560 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
Pulte Homes

DATE: 12-23-86
SCALE: 1" = 20'
FOUNDATION ADDED: 12-23-86
FINAL ADDED: 2/27/87 JT
DRAWN BY: TM
FILE NUMBER: 9161

#6514

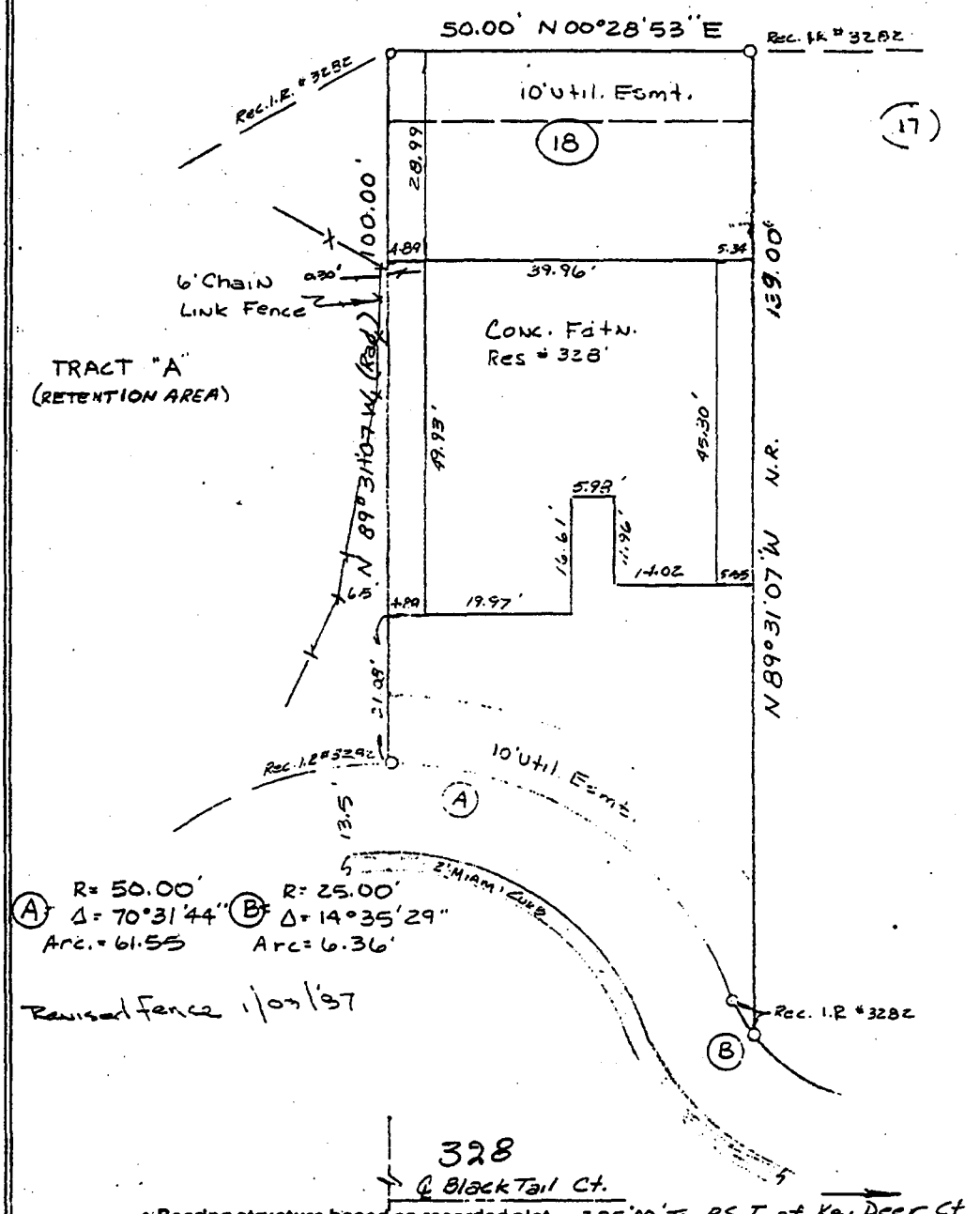
5-85

PLAT OF SURVEY

DESCRIPTION

Lot 18 . Block ~ . Votaw Village
as recorded in Plat Book 18 . Page 2&3 . Public Records of Orange County, Florida.

RECEIVED JAN 19 1987



Based on Firm, Flood Hazard Boundary Map, Panel No. 120190 0125 B, Orange County, Unincorporated areas, Florida, this lot is not within a Flood Prone Area

- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

Added Fence Location 1-07-86

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

James M. Joiner P.L.S. 3004
State of Florida

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
880 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
PULTE HOMES

DATE:
SCALE: 1"=20
FOUNDATION ADDED: 12-02-86
FINAL ADDED:
DRAWN BY: MC
FILE NUMBER: 9161

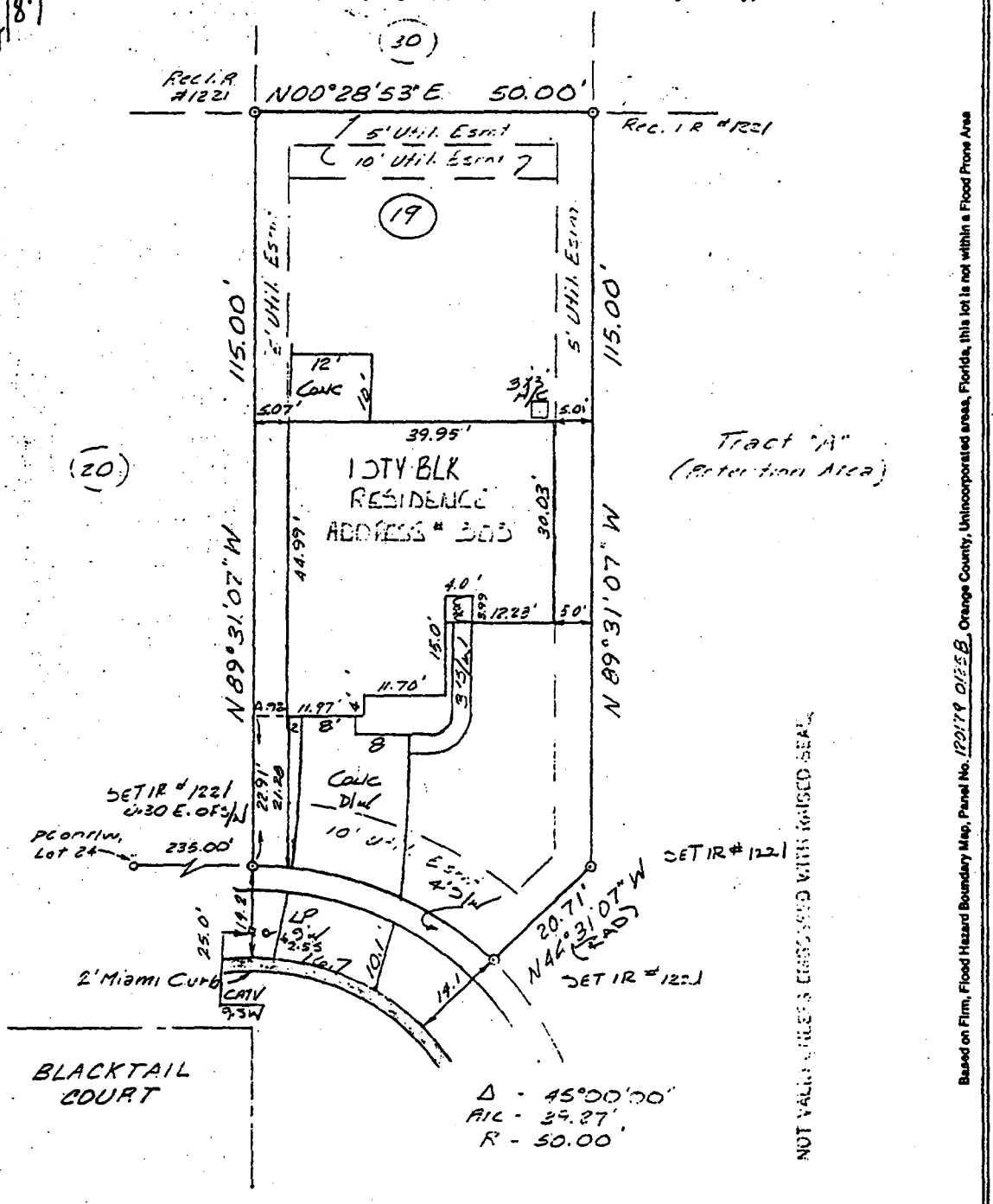
PLAT OF SURVEY

RECEIVED MAR 3 1987

5-86

DESCRIPTION

Lot 19 , Block — , Votaw Village Phase I
as recorded in Plat Book 18 , Page 2 & 3 , Public Records of Orange County, Florida.



- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

James M. Joiner, P.L.S. 3908
State of Florida

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING · LAND SURVEYING
520 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
Pulte Homes

DATE: 12-19-86
SCALE: 1" = 20'
FOUNDATION ADDED: -13-87
FINAL ADDED: 2/27/87 JT
DRAWN BY: BL
FILE NUMBER: 916

#6504

5-87

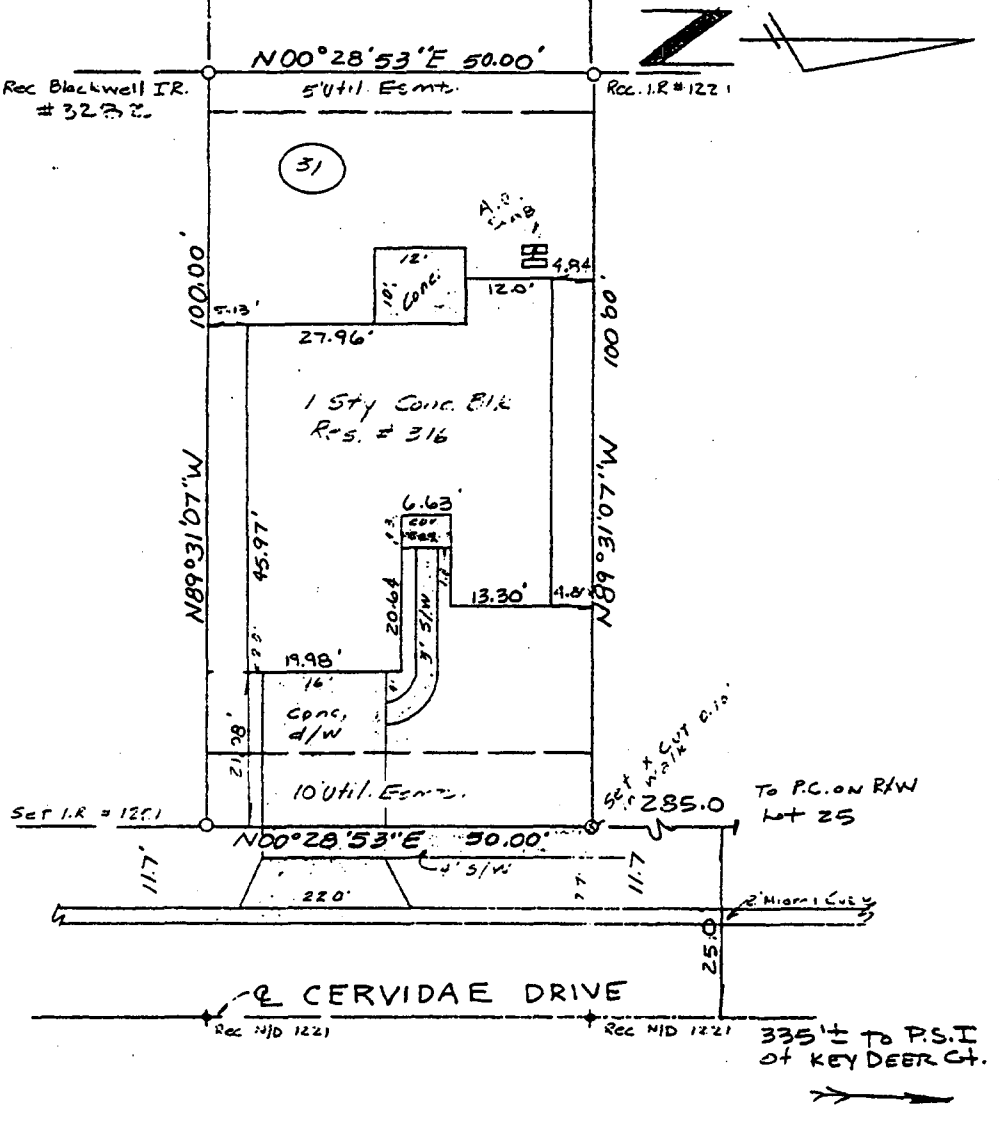
PLAT OF SURVEY

DESCRIPTION

Lot 31 , Block ~ , VOTAW VILLAGE PHASE 1
as recorded in Plat Book 18 , Page 293 , Public Records of Orange County, Florida.

2/23/87

RECEIVED FEB 2 0 1987



Based on Firm, Flood Hazard Boundary Map, Panel No. 120179 0125 B, Orange County, Unincorporated areas, Florida, this lot is not within a Flood Prone Area

- NOT VALID UNLESS EMBOSSED WITH RAISED SEAL
- **Bearing structure based on recorded plat.**
- **Building ties shown on this survey should not be used to reconstruct property lines.**

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

James M. Johnson, P.L.S. 3093
State of Florida

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING · LAND SURVEYING
580 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801
305/843-3160

PREPARED FOR
PULTE HOMES

DATE: 12-10-86
SCALE: 1"=20'
FOUNDATION ADDED: 12-10-86
FINAL ADDED: 2-11-87
DRAWN BY: MC
FILE NUMBER: 9767

#6508

2/23/87

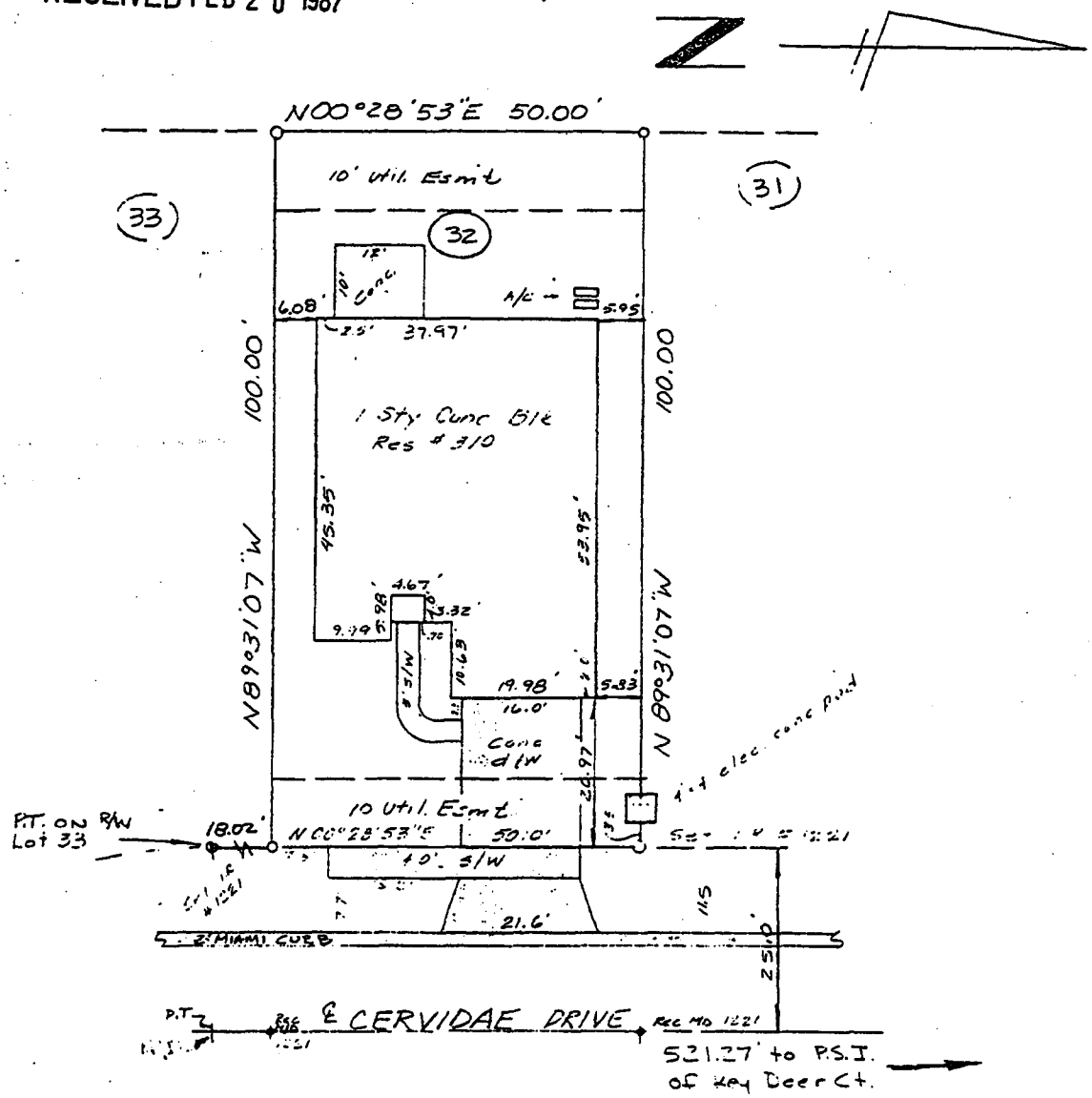
5-88

PLAT OF SURVEY

DESCRIPTION

Lot 32 , Block ~ , Yottaw Village
as recorded in Plat Book 18 , Page 243 , Public Records of Orange County, Florida.

RECEIVED FEB 20 1987



Based on Firm, Flood Hazard Boundary Map, Panel No. 120179 0125 B Orange County, Unincorporated areas, Florida, this lot is not within a Flood Prone Area

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

○ Rec. Iron Rod #3282 (Blackwell)

- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

James M. Jordan, P.L.S. 3908
State of Florida

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
630 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
PULTE HOMES

DATE:
SCALE: 1" = 20'
FOUNDATION ADDED: 12-02-86
FINAL ADDED: 2-11-87
DRAWN BY: M.C.
FILE NUMBER: 9161

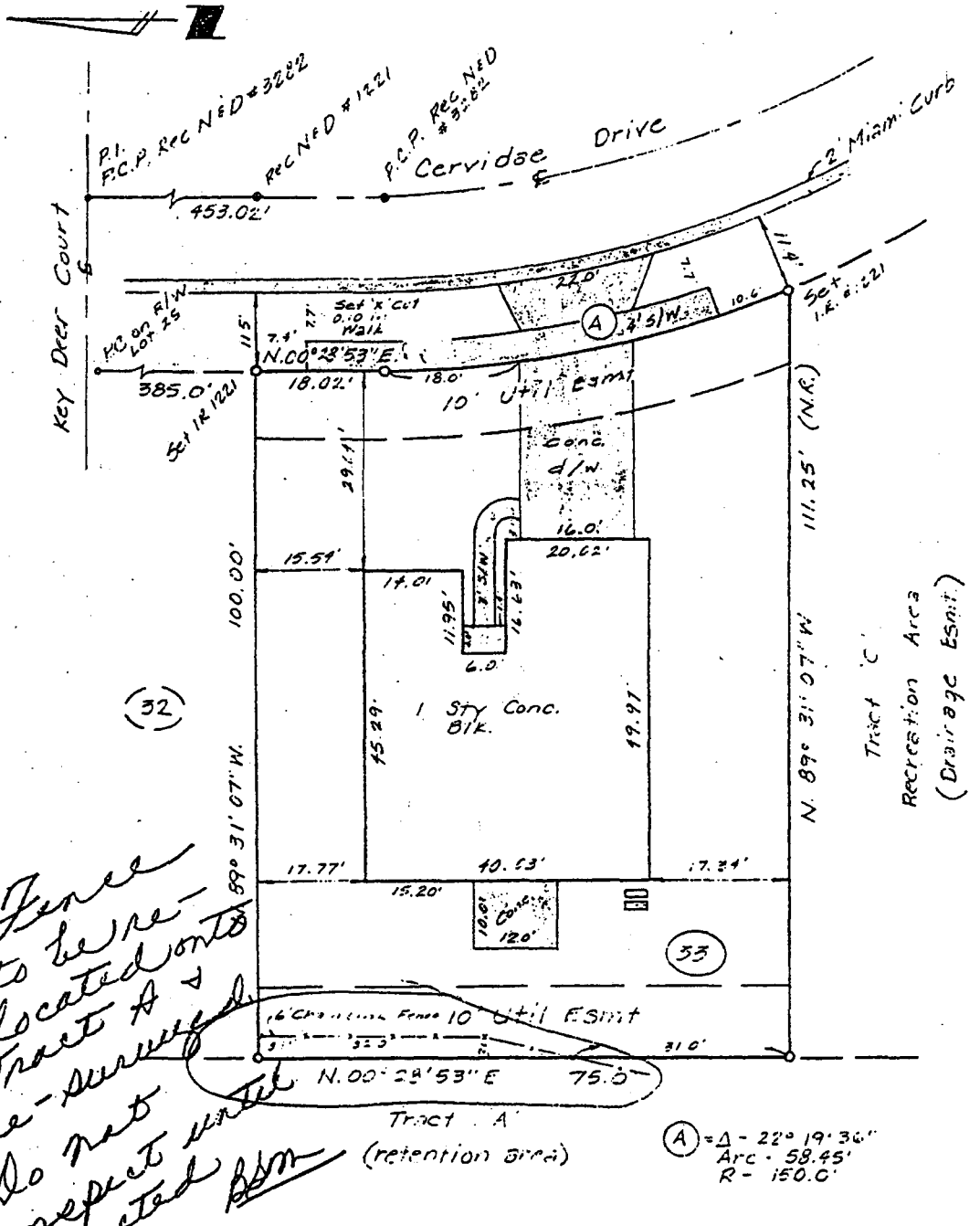
PLAT OF SURVEY

RECEIVED FEB 20 1987

5-89

DESCRIPTION

Lot 33 , Block ~ , Votaw Village Phase I
as recorded in Plat Book 18 , Page 253 , Public Records of Orange County, Florida.



Based on Firm, Flood Hazard Boundary Map, Panel No. 120179 0125 C, Orange County, Unincorporated areas, Florida, this lot is within a Flood Prone Area A-3 Elev. = 65.00

Jane to be re-located onto Tract A & re-surveyed. Do not inspect until corrected BSM

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL

- o Rec Iron Rod L.B.#3282
- • Bearing structure based on recorded plat.
- • Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

bowyer-singleton associates
INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
880 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
Fulite Homes

DATE: 1-15-87
SCALE: 1" = 20'
FOUNDATION ADDED: 1-13-87
FINAL ADDED: 2-11-87
DRAWN BY: FM
FILE NUMBER: 4161

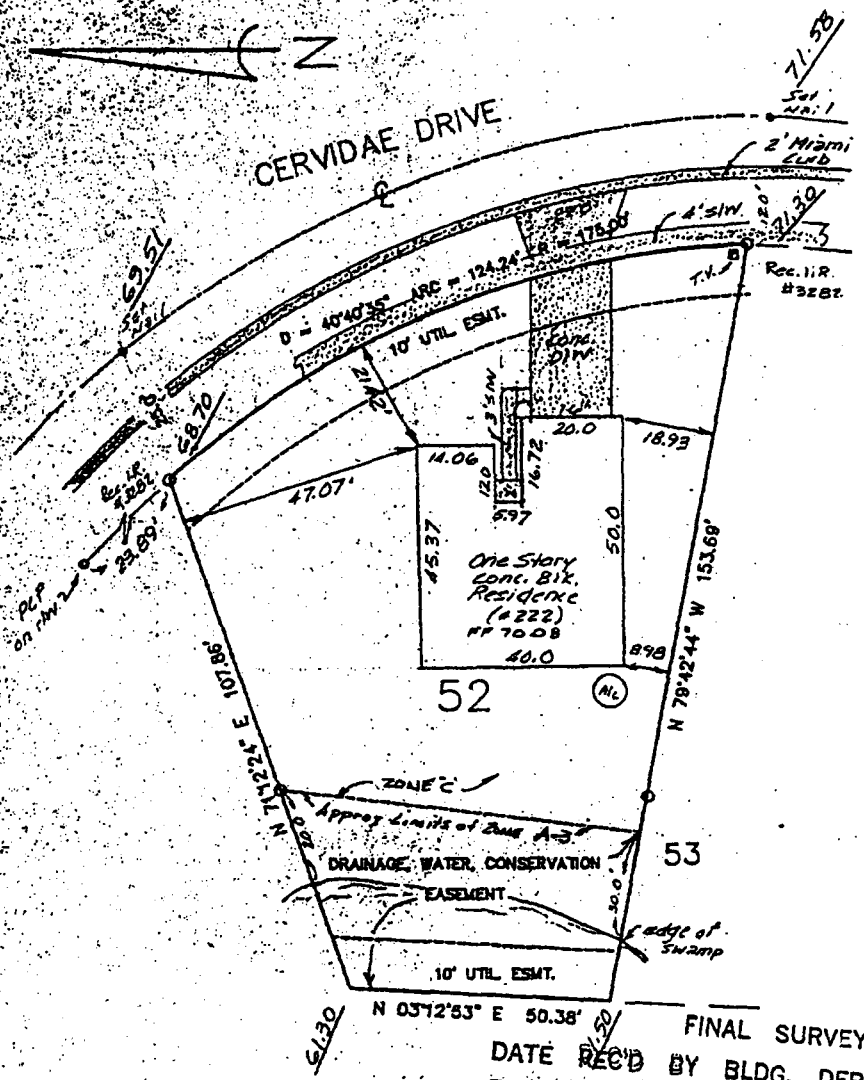
5-90

PLAT OF SURVEY

DESCRIPTION

7608

LOT 52, VOTAW VILLAGE PHASE I, AS RECORDED IN PLAT BOOK 18, AT PAGES 2 AND 3, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA



Based on Firm, Flood Hazard Boundary Map, Panel No. 120179 0125 E, Orange County, Florida, a portion of this Lot is Contained in A Flood Prone Area

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. _____

ENGINEERING DEPT. APPROVED BY _____

DATE _____ REJECTED BY _____

ZONING DEPT. APPROVED BY P.B.B.

DATE 4-20-88 REJECTED BY _____

DATE RTND. TO BLDG. DEPT. 4/20/88 xl

RECEIVED

APR 19 '88

ENG. DEPT.

- Rec. iron rod w/cap #1221
- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21 HH-6 F.A.C. effective September 1, 1981.

Not Valid Unless Embossed With Raised Seal.

ARTHUR A. NASTRONICOLA, JR. FLS 4166

bowyer-singleton & associates

INCORPORATED

CIVIL ENGINEERS • LAND SURVEYORS

PREPARED FOR

Pulte Homes

DATE: 12-11-87 / 1-14-88

SCALE: 1" = 30'

FOUNDATION ADDED: 3-7-88

FINAL ADDED: 4-1-88

DRAWN BY: PA

FILE NUMBER: 4161

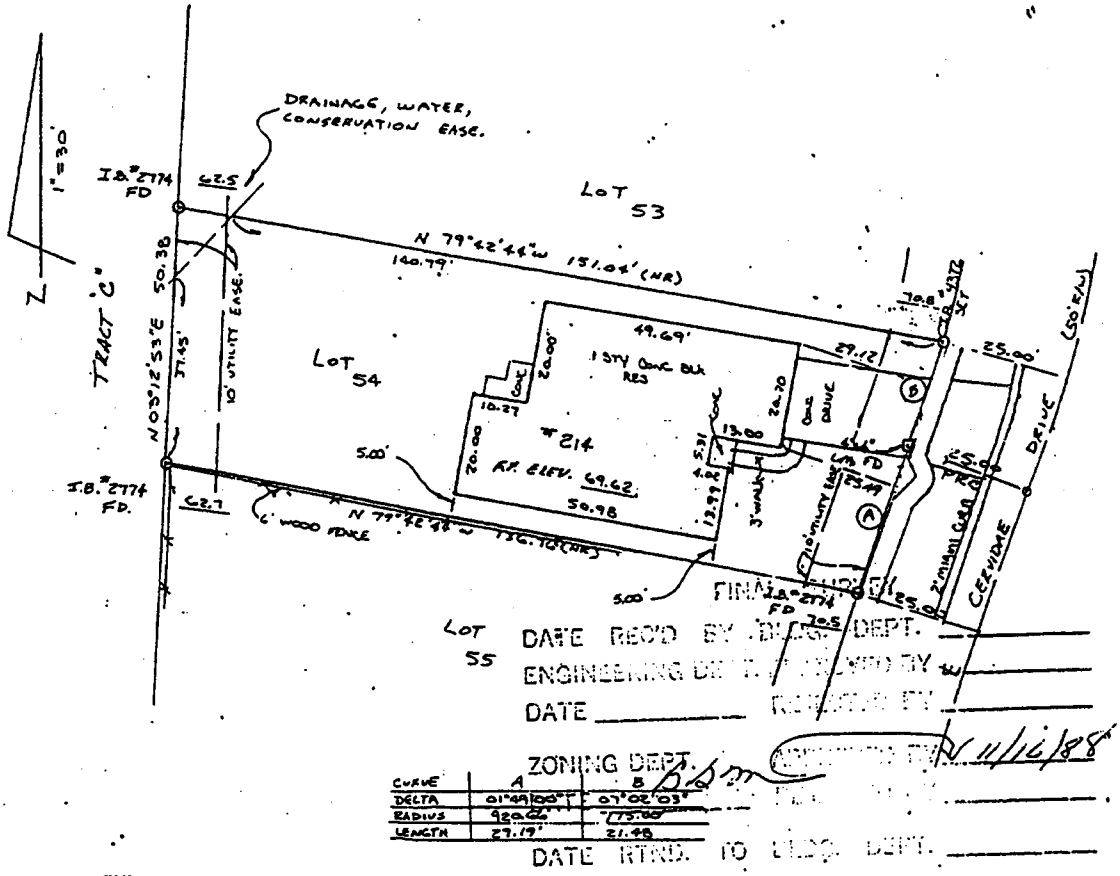
5-91

LAND DESCRIPTION:

Lot 54, Votaw Village Phase I, according to the plat thereof as recorded in Plat Book 18, Pages 2 & 3, Public Records of Orange County, Florida.

Address: 214 Cervidae Drive

Plot plan provided by the client.



CURVE	A	B
DELTA	01°49'00"	07°02'03"
RADIUS	920.00'	175.00'
LENGTH	27.19'	21.48

SURVEYORS NOTES:

1. Reproductions of this sketch are not valid unless sealed with an embossed surveyors seal.
2. Lands shown hereon were not abstracted for easements and/or rights-of-way of record.
3. Bearings are from plat of record.
4. I have reviewed the F.I.R.M. map and determined that this property does not lie within the 100 year flood zone.

CERTIFICATE:

I hereby certify that the survey shown hereon is true and correct to the best of my knowledge and meets the Minimum Technical Standards pursuant to Chapter 21 HH-6 Florida Statutes.

Certified to:
1. Pulte Home Corporation

RECEIVED
NOV 16 '88
ENG. DEPT.

Michael E. Petulla
Michael E. Petulla
Professional Land Surveying
Florida Registration #4372

Job No. 88-0497

Michael E. Petulla, P.L.S. Professional Land Surveying Service 499 State Road 434 North Suite 2009 Altamonte Springs, Fl. 32714					
	VACANT LOT SURVEY	JCJ	8-17-88	7/77	
	FOUNDATION SURVEY	JCJ	9-22-88	12/45	
	FINAL SURVEY	JNJ	11-15-88	14/26	
	Revisions	Drawn	Date	FB/PG	Checked

Lot 55 , Block 2 , Votaw Village Phase 1
as Recorded in Plat Book 18 , Page 2-3 , Public Records of Orange County, Florida.

5-92

FOUNDATION SURVEY

DATE REC'D BY BLDG. DEPT. _____

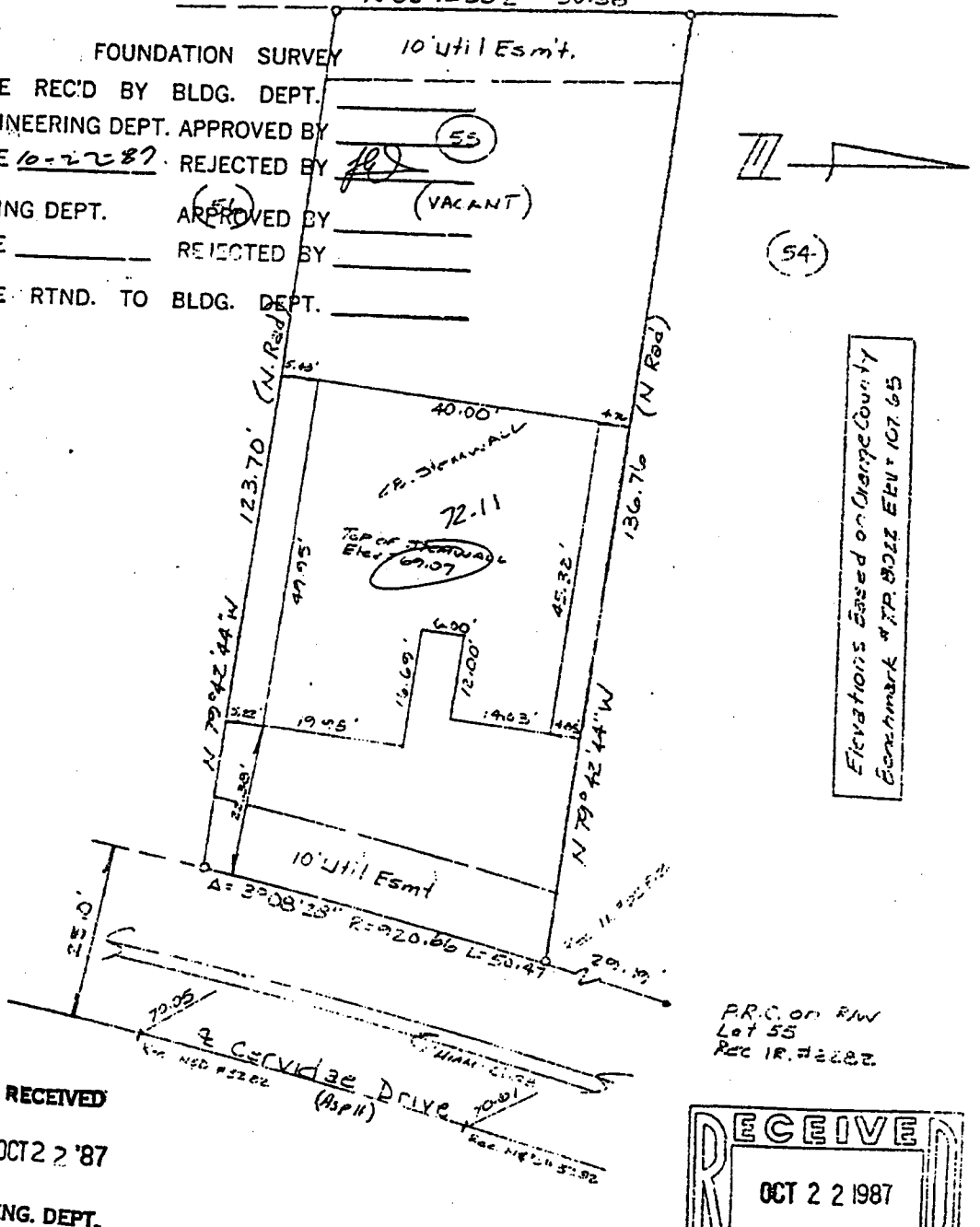
ENGINEERING DEPT. APPROVED BY _____

DATE 10-22-87 REJECTED BY _____

ZONING DEPT. APPROVED BY _____

DATE _____ REJECTED BY _____

DATE RTND. TO BLDG. DEPT. _____



Elevations based on Orange County Benchmark #TP 8022 Elev = 107.65

Based on Firm, Flood Hazard Boundary Map, Panel No. 120179 0125 B Orange County, Florida, this lot is not within a Flood Prone Area

Unincorporated Area

RECEIVED
OCT 22 '87
ENG. DEPT.

RECEIVED
OCT 2 2 1987

- o Rec Iron Rod w/cap LB# 1221
- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

Added Elevations 10-13-87

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.
Not Valid Unless Embossed With Raised Seal.

ARTHUR A. MASTRONICOLA

bowyer singleton & associates INCORPORATED
CONSULTING ENGINEERING • LAND SURVEYING
800 S. MAGNOLIA AVENUE • ORLANDO, FLORIDA 32801

PREPARED FOR
Pulte Homes

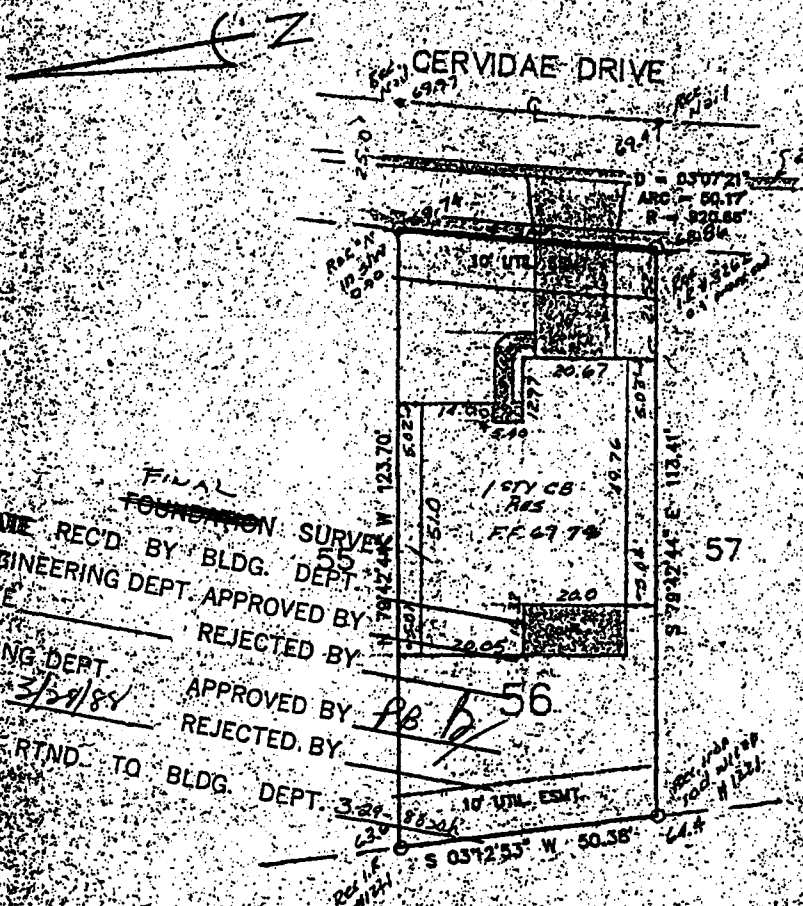
DATE: 8-13-87 / 9-27-87
SCALE: 1" = 20'
FOUNDATION ADDED: 9-29-87
FINAL ADDED:
DRAWN BY: MC
FILE NUMBER: 9161

PLAT OF SURVEY

DESCRIPTION

1809

LOT 58, VOTAW VILLAGE PHASE I, AS RECORDED IN PLAT BOOK 18, AT PAGES 2 AND 3, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA



FINAL FOUNDATION SURVEY

DATE REC'D BY BLDG. DEPT.

ENGINEERING DEPT. APPROVED BY

DATE REJECTED BY

ZONING DEPT.

DATE 3/24/88 APPROVED BY AB

DATE REJECTED BY

DATE RTND. TO BLDG. DEPT. 3-24-88

RECEIVED

MAR 24 '88

ENG. DEPT.

- Bearing structure based on recorded plat.
- Building ties shown on this survey should not be used to reconstruct property lines.

I hereby certify that this survey is true and correct to the best of my knowledge, and that this survey has been prepared in accordance with the adopted "Minimum Technical Standards" as required by Chapter 21HH-6 F.A.C. effective September 1, 1981.

Not Valid Unless Embossed With Raised Seal

ARTHUR A. MASTRONICOLA, JR. PLS 4196

bowyer-singleton & associates
INCORPORATED

PREPARED FOR

Pulte Homes

DATE: 12-17-87
SCALE: 1" = 30'
FOUNDATION ADDED: 1-15-88
FINAL ADDED: 3-11-88
DRAWN BY: BF
FILE NUMBER: 9161

Based on Firm Flood Insurance Rate Map No. 120183 0125 B, Panel No. 0125 of 0400 (D) Effective Date: 9/4/85. Flood Zone: X. This lot is not within a Flood Prone Area.

5-93

8375

5-94

LAND DESCRIPTION:

Lot 57, Votaw Village Phase I, according to the plat thereof as recorded in Plat Book 18, Pages 2 & 3, Public Records of Orange County, Florida.

Address: 204 Cervidae Drive

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. _____

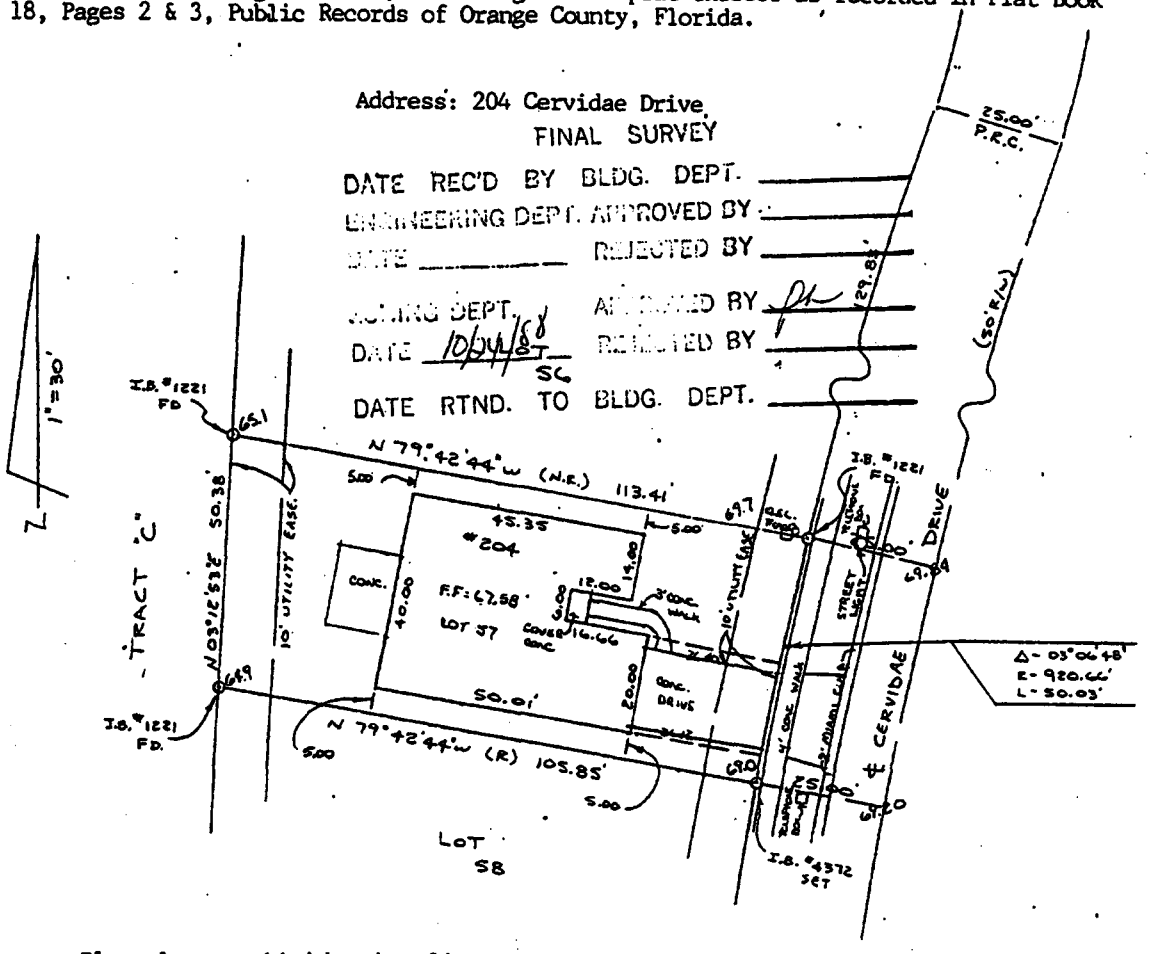
ENGINEERING DEPT. APPROVED BY _____

DATE _____ REJECTED BY _____

ZONING DEPT. APPROVED BY _____

DATE 10/24/88 SC REJECTED BY _____

DATE RTND. TO BLDG. DEPT. _____



Plot plan provided by the client.
Elevations are based on Orange County Datum.

SURVEYORS NOTES:

1. Reproductions of this sketch are not valid unless sealed with an embossed surveyors seal.
2. Lands shown hereon were not abstracted for easements and/or rights-of-way of record.
3. Bearings are from plat of record.
4. I have reviewed the F.I.R.M. map and determined that this property does not lie within the 100 year flood zone.

CERTIFICATE:

I hereby certify that the survey shown hereon is true and correct to the best of my knowledge and meets the Minimum Technical Standards pursuant to Chapter 21 HH-6 Florida Statutes.

Certified to:
1. Pulte Home Corporation

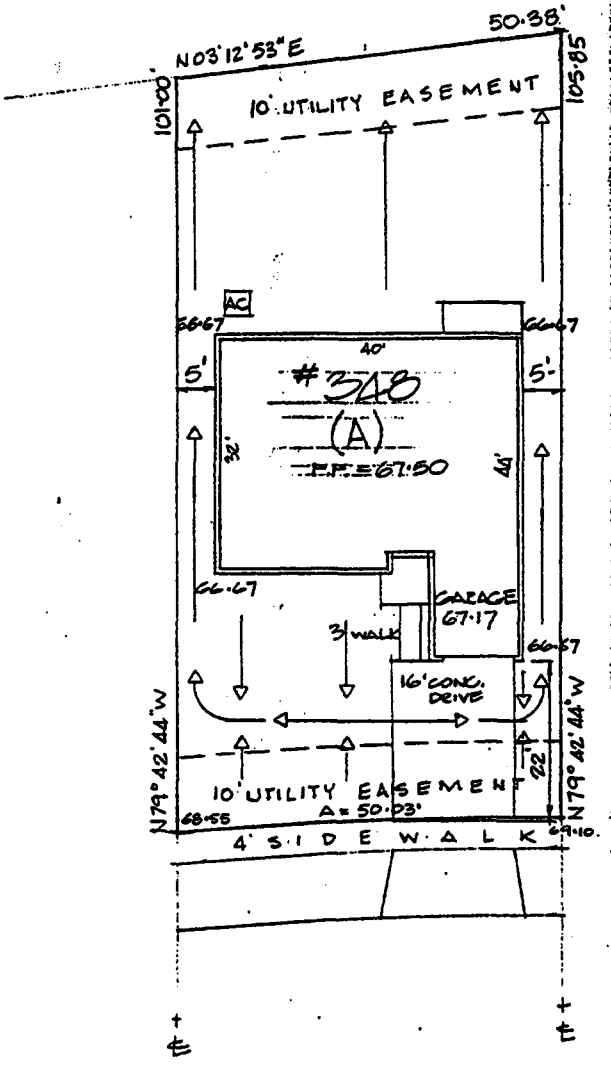
RECEIVED
OCT 21 '88
ENG. DEPT.

Michael E. Petulla
Professional Land Surveying
Florida Registration #4372

Job No. 88-0498

Michael E. Petulla, P.L.S. Professional Land Surveying Service 499 State Road 434 North Suite 2009 Altamonte Springs, Fl. 32714	VACANT LOT SURVEY	JCJ	8-17-88	7/76	
	FOUNDATION SURVEY	JCJ	9-1-88	10/72	
	FINAL SURVEY	JNV	10-20-88	0/76	
	Revisions	Drawn	Date	FB/PG	Checked

NORTH
SCALE: 1"=20'



DRAINAGE TYPE: 'C'

PULTE Master Builder	SUBDIVISION: VOTAW VILLAGE - PHASE I				SETBACKS: F - 20'
	ADDRESS: 200 CERVIDAE DRIVE				S - 0'+6'
					R - 20'
	DATE: 5·22·87	FLOOD ZONE:	LOT: 58'	BLOCK: N/A	

REVISIONS

5-96

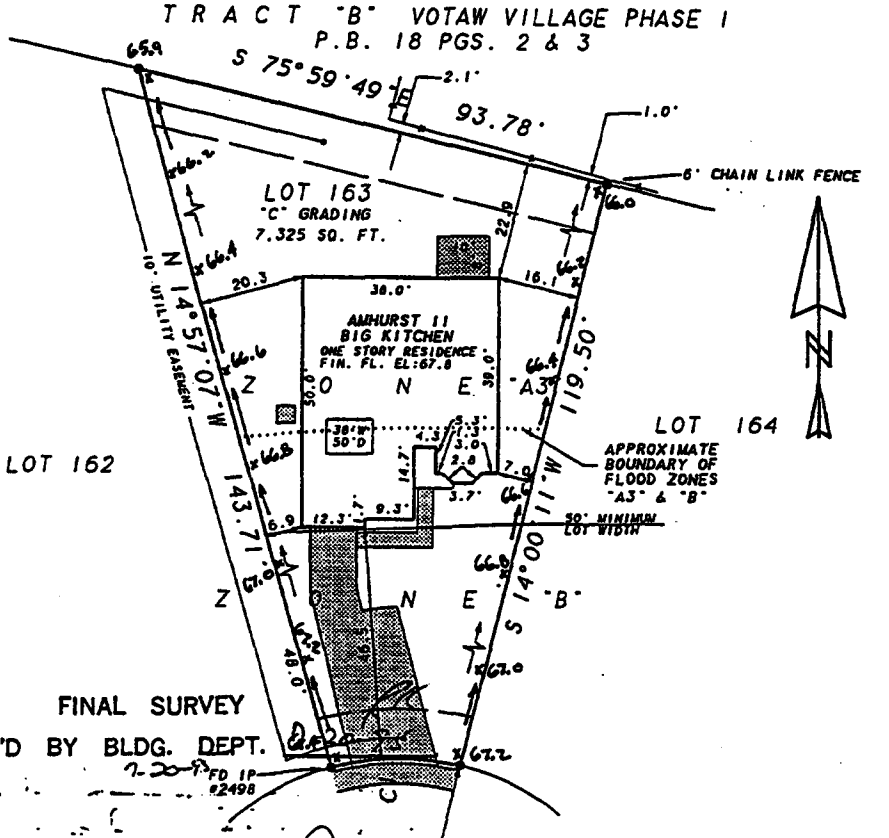
Herz & Associates Inc.

Professional Land Surveyors

1230 Douglas Avenue Suite 320, Longwood, Florida. 32779 (407)788-8808

Member of: Florida Surveying and Mapping Society, American Congress on Surveying and Mapping, Florida Land Surveyors Council

CURVE	DELTA ANGLE	RADIUS	ARC	TANGENT	CHORD	CHORD BEARING
C 1	28°57'18"	50.00'	25.27'	12.91'	25.00'	S 89°31'32"W



FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 7-20-95

ZONING DEPT. APPROVED BY

DATE 7-20-95 REJECTED BY

RECEIVED

JUL 20 1995

ENG. DEPT.

SETBACKS:
Front 20' Rear 20'
Side 10' Between Structures Corner 15'

Note: Bearings shown hereon are referenced to the C/L of KINNEY COURT as being N 00°27'49"E.

Vertical datum is based on NGVD/OCVD per Engineering construction plans by Harling, Locklin & Associates, Inc. Job No. 85-23

FLOOD HAZARD DATA: The Parcel shown hereon lies within Flood Zones "A3 & B" according to the Flood Insurance Rate Map Community Panel Number 120180-0005C. Dated 10/23/81.

(50' R/W)

• REV. FENCE LOCATION : 5-8-95

CITY OF APOPKA

ADDRESS • 133 KINNEY COURT

APOPKA . FLORIDA 32703

LEGAL DESCRIPTION: Lot 163, "VOTAW VILLAGE PHASE II" according to the plat thereof as recorded in Plat Book 21, at pages 53-54 of the Public Records of Orange County, Florida.

General Notes:

1. This is a Boundary Survey performed in the field on 5-16-95.
2. No underground improvements or subsurface/aerial encroachments were located.
3. Elevations shown hereon, if any, are either assumed or were obtained from approved construction plans provided by client unless otherwise noted, and are shown only to depict the difference in elevation between the floor slab of the residence and the crown of pavement. Other elevations are from approved plans and have not been verified.
4. The parcel shown hereon is subject to all easements, reservations, restrictions, and rights-of-way of record. No search of the Public Records has been made by this office.
5. The legal description shown hereon is as furnished by client. No search of the Public Records has been made by this office.

- ● Denotes iron rod with yellow plastic cap.
- ○ Denotes found iron rod or P.C.P.(see drawing).
- □ Denotes CM or P.R.M.(see drawing).
- -X- Denotes "X" cut on surface or nail and brass washer(see drawing).

JUL 14 1995

Legend:

CB	Chord Bearing	PB	Plat Book
CD	Chord	PC	Point of curvature
CL	Centerline	PCC	Point of compound curvature
C.M.	Concrete Monument	PG	Page
(Calc)	Calculated	POB	Point of beginning
El (Elev)	Elevation	POC	Point of commencement
FD	Found	PT	Point of tangency
Fin.Fl. Elev.	Finished Floor Elevation	PI	Point of intersection
I.P.	Iron Pipe	P.C.P.	Permanent control point
I.R.	Iron Rod	PL	Property line
L	Arc length	PRC	Point of reverse curvature
LS	Land Surveyor	PRM	Permanent reference monument
LB	Licensed Business	R	Radius
(Mea)	Measured	RAD	Radial line
N/D(N&D)	Nail and brass disc	RES	Residence
O/S	Offset	TYP	Typical
ORB	Official records book	-#-#-	Fence symbol
		Δ	Central angle(delta angle)

Certification: Not valid unless embossed with Land Surveyors seal.

I hereby certify that this survey was made under my responsible charge and meets the Minimum Technical Standards as set forth by the Florida Board of Professional Surveyors and Mappers, in chapter 61G17-6, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

William A. Herz

William A. Herz, P.L.S., Florida Registered Land Surveyor No. 3162

CERTIFIED TO:
-JAMES T. & ELECIA L. EZELL
-AMERICAN HOME FUNDING
-SWANN, HADLEY, DENION & ALVAREZ, P.A.
-JEFFERSON NATIONAL TITLE INSURANCE COMPANY

Drawn by: RH
Checked by: BH
Job number: 93-029-01
Scale: 1" = 30'
Plat plan performed: 4-19-95
Foundation Survey: 5-16-95
Final Survey: 7-14-95
Revisions:

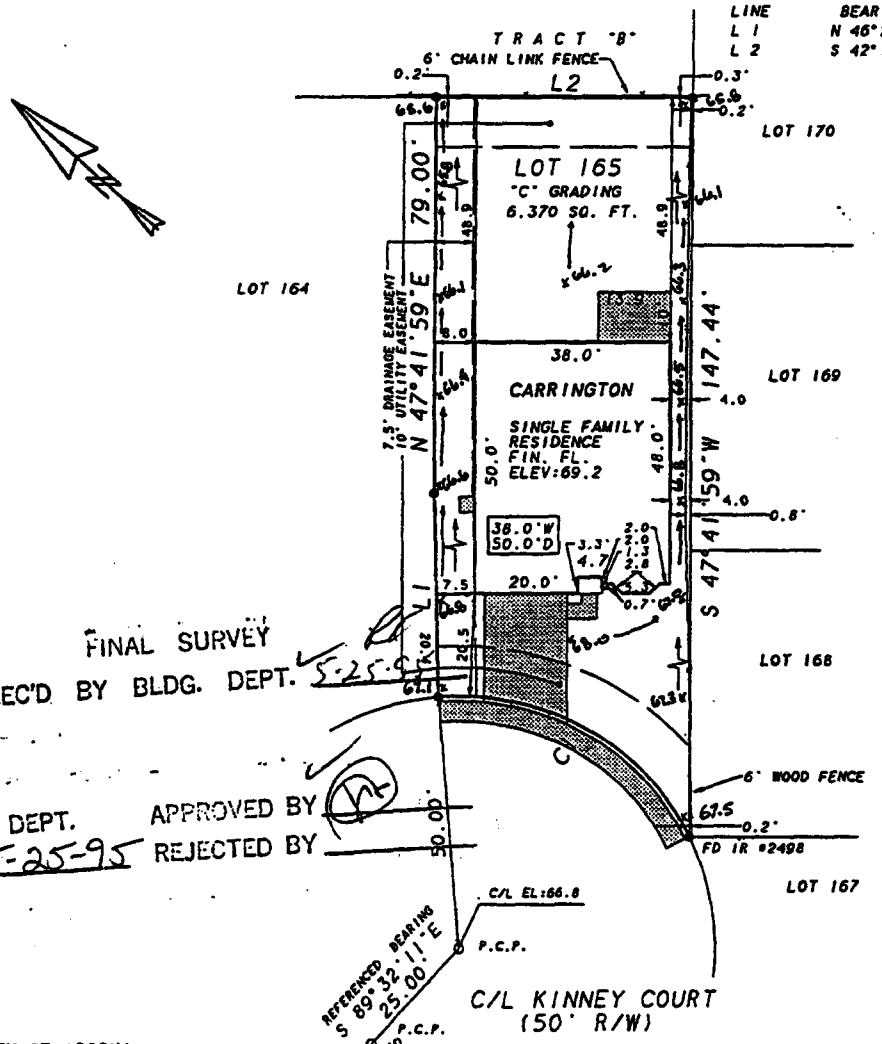
Herx & Associates Inc.

GSO 3088

Professional Land Surveyors
1230 Douglas Avenue Suite 320, Longwood, Florida. 32779 (407)788-8808
Member of: Florida Surveying and Mapping Society, American Congress on Surveying and Mapping, Florida Land Surveyors Council

CURVE	DELTA ANGLE	RADIUS	ARC	TANGENT	CHORD	CHORD BEARING
C 1	68°44'19"	50.00'	59.99'	34.20'	56.45'	N 12°40'11"W

LINE	BEARING	DISTANCE
L 1	N 46°23'08"E	40.54'
L 2	S 42°18'01"E	50.00'



FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 5-25-95

ZONING DEPT. APPROVED BY

DATE 5-25-95 REJECTED BY

RECEIVED
MAY 24 1995
DEPT.

CITY OF APOPKA
ADDRESS # 125 KINNEY COURT
APOPKA , FLORIDA 32703

LEGAL DESCRIPTION: Lot 165, " VOTAW VILLAGE PHASE II " according to the plat thereof as recorded in Plat Book 21, at pages 53-54 of the Public Records of Orange County, Florida.

FLOOD HAZARD DATA: The Parcel shown hereon lies within Flood Zone "B", according to the Flood Insurance Rate Map Community Panel Number 120080-0005C Dated 10/23/81.

• REV. FENCE LOCATION : 3-3-95
SETBACKS:
Front 20' Rear 20'
Side 10' Between Structures Corner 15'

Note: Bearings shown hereon are referenced to the C/L of KINNEY COURT as being S 89°32'11"E.

Vertical datum is based on NGVD/OCVD per Engineering construction plans by Haring, Lockin & Associates, Inc. Job No. 85-23

General Notes:

1. This is a Boundary Survey performed in the field on 4-14-95.
2. No underground improvements or subsurface/aerial encroachments were located.
3. Elevations shown hereon, if any, are either assumed or were obtained from approved construction plans provided by client unless otherwise noted, and are shown only to depict the difference in elevation between the floor slab of the residence and the crown of pavement. Other elevations are from approved plans and have not been verified.
4. The parcel shown hereon is subject to all easements, reservations, restrictions, and rights-of-way of record. No search of the Public Records has been made by this office.
5. The legal description shown hereon is as furnished by client. No search of the Public Records has been made by this office.

● Denotes iron rod with yellow plastic cap.
○ Denotes found iron rod or P.C.P.(see drawing).
□ Denotes CM or P.R.M.(see drawing).
-X- Denotes "X" cut on surface or nail and brass washer(see drawing).

MAY 19 1995

Legend:

CB	Chord Bearing	PB	Plat Book
CD	Chord	PC	Point of curvature
C/L	Centerline	PCC	Point of compound curvature
C.M.	Concrete Monument	PG	Page
(Calc)	Calculated	POB	Point of beginning
El (Elev)	Elevation	POC	Point of commencement
FD	Found	PT	Point of tangency
Fin.Fl. Elev.	Finished Floor Elevation	PI	Point of intersection
I.P.	Iron Pipe	P.C.P.	Permanent control point
I.R.	Iron Rod	P.L.	Property line
L	Arc length	PRC	Point of reverse curvature
LS	Land Surveyor	PRM	Permanent reference monument
LB	Licensed Business	R	Radius
(Mea)	Measured	RAD	Radial line
N.D.(N&D)	Nail and brass disc	RES	Residence
O/S	Offset	TYP	Typical
ORB	Official records book	-#-#-	Fence symbol
		Δ	Central angle(delta angle)

Certification: Not valid unless embossed with Land Surveyors seal.

I hereby certify that this survey was made under my responsible charge and meets the Minimum Technical Standards as set forth by the Florida Board of Professional Surveyors and Mappers, in chapter 61G17-6, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

William A. Herx, P.L.S., Florida Registered Land Surveyor No. 3182

Drawn by: RH
Checked by: BH
Job number: 93-029-01
Scale: 1" = 30'
Plot plan performed: 3-2-95
Foundation Survey: 4-14-95
Final Survey: 5-19-95
Revisions:

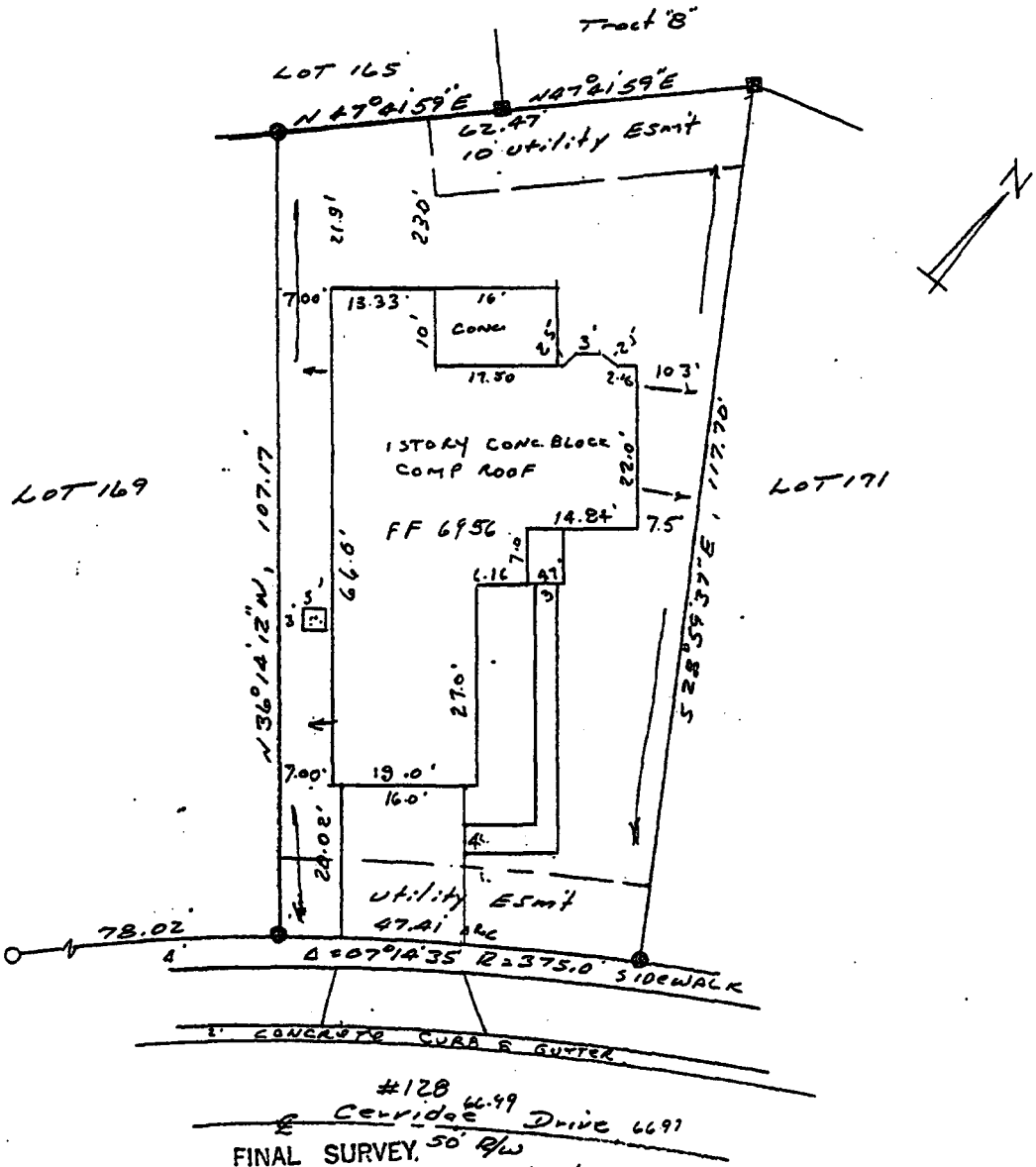
9108076

5-98

PLAT OF SURVEY

Legal Description: Lot 170 Votaw Village Phase II

As recorded in Plat Book 21 Pages 53-54 Public Records of Orange County, Florida



FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 10/29/91

ENGINEERING DEPT. APPROVED BY Certified for Warren Contr. Inc., Graham, Clark, Pohl and Jones and Southland Bank, Holton, Allen & Williams,

DATE 10-29-91 Robert & Laura A. Kunzweiler

ZONING DEPT. APPROVED BY

DATE 10/29/91 RELEASED BY

DATE RTND. TO BLDG. DEPT.

RECEIVED

OCT 29 1991

ENG. DEPT.

I hereby certify that the survey represented hereon meets or exceeds the minimum standards established pursuant to section 472.027, Florida Statutes.

Scale 1"=20'

Date July 2 1991 FOUNDATION ADDED SEPT 13, 1991

Type of Survey Boundary PLOT PLAN AUG 23, 1991 Final Survey OCT. 281991

This Property lies in Flood Zone "C"

Basis of Bearings Record plat

Tommie Logan
Registered Land Surveyor #2498

LOGAN & GABIOUD SURVEYING
1319 Canton Street
Orlando, FL 32803
(407) 898-2718

2806

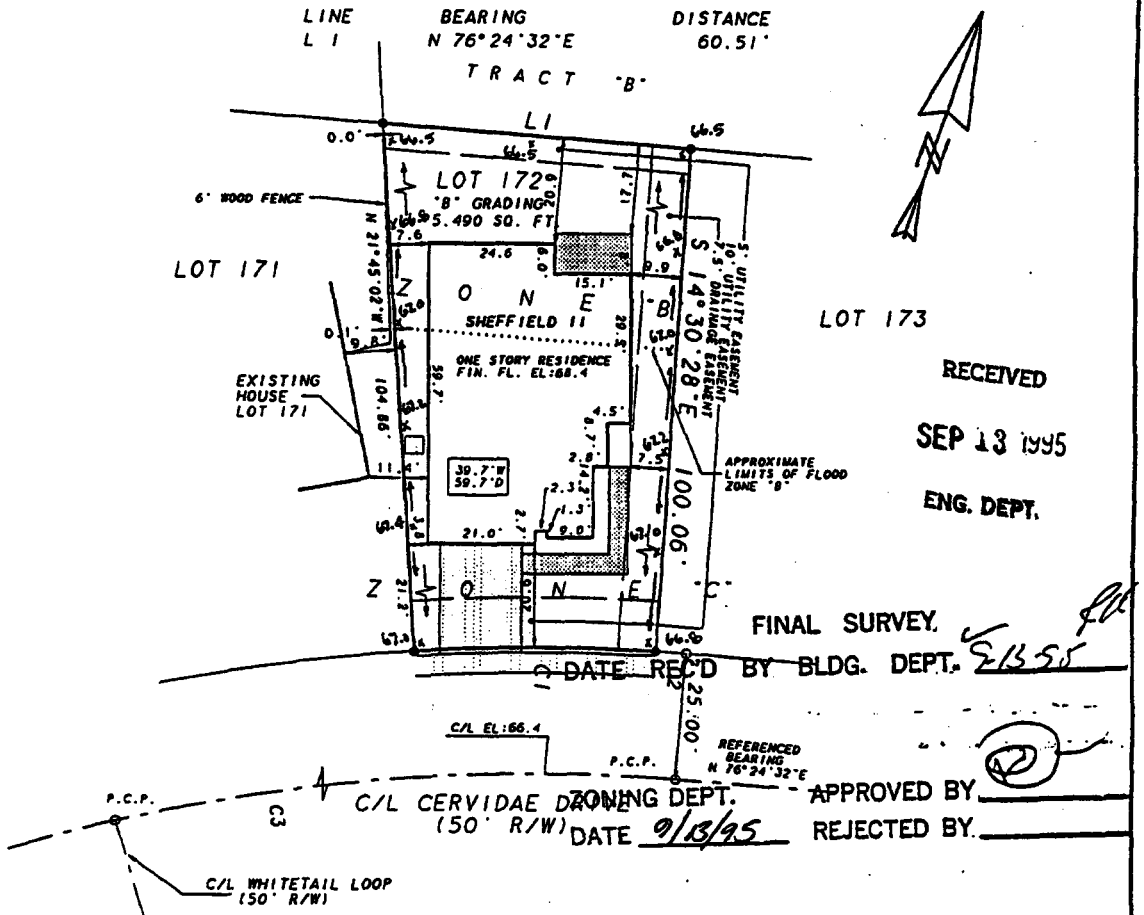
Herx & Associates Inc.

9507041

Professional Land Surveyors
1230 Douglas Avenue Suite 320, Longwood, Florida. 32779 (407)788-8808
Member of: Florida Surveying and Mapping Society, American Congress on Surveying and Mapping, Florida Land Surveyors Council

CURVE	DELTA ANGLE	RADIUS	ARC	TANGENT	CHORD	CHORD BEARING
C 1	07°14'34"	375.00'	47.40'	23.73'	47.37'	S 71°52'15"W
C 2	00°55'00"	375.00'	6.00'	3.00'	6.00'	N 75°58'06"E
C 3	26°05'35"	350.00'	159.39'	81.10'	158.02'	S 63°21'47"W

LINE	BEARING	DISTANCE
L 1	N 76°24'32"E	60.51'



RECEIVED
SEP 13 1995
ENG. DEPT.

FINAL SURVEY.
DATE REC'D BY BLDG. DEPT. 9/13/95
ZONING DEPT. APPROVED BY
DATE 9/13/95 REJECTED BY

CITY OF APOPKA
ADDRESS # 136 CERVIDAE DRIVE
APOPKA . FLORIDA 32703
LEGAL DESCRIPTION: Lot 172 " VOTAW VILLAGE PHASE II " according to the plat thereof as recorded in Plat Book 21, at pages 53-54 of the Public Records of Orange County, Florida.

FLOOD HAZARD DATA: The Parcel shown hereon lies within Flood Zones 'B & C', according to the Flood Insurance Rate Map Community Panel Number 120180-0005C. Dated 10/23/81.

SETBACKS:
Front 20' Rear 20'
Side 10' Between Structures - Corner 12'

Note: Bearings shown hereon are referenced to the C/L of CERVIDAE DRIVE as being N 76°24'32"E.

Vertical datum is based on NGVD/OCVD per Engineering construction plans by Harling Lockin & Associates, Inc. Job No. 85-23

General Notes:

1. This is a Boundary Survey performed in the field on 7-13-95.
2. No underground improvements or subsurface/aerial encroachments were located.
3. Elevations shown hereon, if any, are either assumed or were obtained from approved construction plans provided by client unless otherwise noted, and are shown only to depict the difference in elevation between the floor slab of the residence and the crown of pavement. Other elevations are from approved plans and have not been verified.
4. The parcel shown hereon is subject to all easements, reservations, restrictions, and rights-of-way of record. No search of the Public Records has been made by this office.
5. The legal description shown hereon is as furnished by client. No search of the Public Records has been made by this office.

● Denotes iron rod with yellow plastic cap.
○ Denotes found iron rod or P.C.P.(see drawing).
□ Denotes CM or P.R.M.(see drawing).
-X- Denotes "X" cut on surface or nail and brass washer(see drawing).

SEP 08 1995

Legend:

CB	Chord Bearing	PB	Plat Book
CD	Chord	PC	Point of curvature
C/L	Centerline	PCC	Point of compound curvature
C.M.	Concrete Monument	PG	Page
(Calc)	Calculated	POB	Point of beginning
El (Elev)	Elevation	POC	Point of commencement
FD	Found	PT	Point of tangency
Fin.Fl. Elev.	Finished Floor Elevation	PI	Point of intersection
I.P.	Iron Pipe	P.C.P.	Permanent control point
I.R.	Iron Rod	P/L	Property line
L	Arc length	PRC	Point of reverse curvature
L.S	Land Surveyor	PRM	Permanent reference monument
LB	Licensed Business	R	Radius
(Mea)	Measured	RAD	Radial line
N(X)(N&D)	Nail and brass disc	RES	Residence
O/S	Offset	TYP	Typical
ORB	Official records book	-/-/-	Fence symbol
		Δ	Central angle(delta angle)

Certification: Not valid unless embossed with Land Surveyors seal.

I hereby certify that this survey was made under my responsible charge and meets the Minimum Technical Standards as set forth by the Florida Board of Professional Surveyors and Mappers, in chapter 61G17-6, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

William A. Herx

William A. Herx, P.L.S., Florida Registered Land Surveyor No. 3182

CERTIFIED TO:
-PETER M. & TAMMY A. WILSON
-CTX MORTGAGE COMPANY
-SWANN, HADLEY & ALVAREZ, P.A.
-JEFFERSON NATIONAL TITLE INSURANCE COMPANY

Drawn by: DP
Checked by: BH
Job number: 93-029-01
Scale: 1" = 30'
Plat plan performed: 7-6-95
Foundation Survey: 7-13-95
Final Survey: 9-8-95
Revisions:

PLAT OF SURVEY

9207059

5-100

Legal Description: Lot 177 Votaw Village Phase II

As recorded in Plat Book 21 Pages 53-54 Public Records of Orange County, Florida

FINAL SURVEY

ATE REC'D BY BLDG. DEPT. 10/28/92

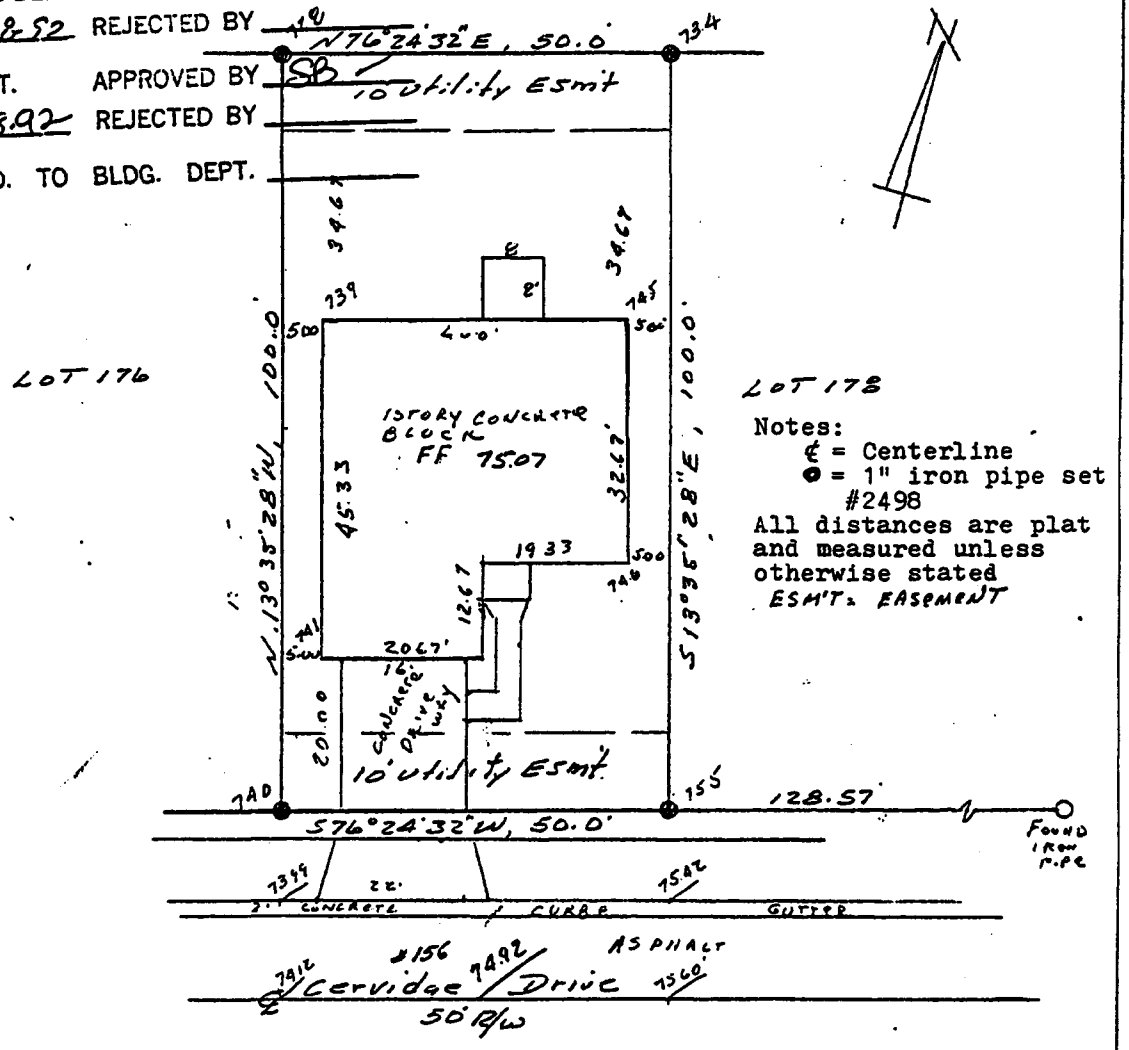
NGINEERING DEPT. APPROVED BY RK

)ATE 10-28-92 REJECTED BY

)NING DEPT. APPROVED BY SB

)ATE 10-28-92 REJECTED BY

.ATE RTND. TO BLDG. DEPT.



Notes:
℄ = Centerline
● = 1" iron pipe set #2498
All distances are plat and measured unless otherwise stated
ESM'T = EASEMENT

Certified to L & L Warren Const. Inc., Graham, Clark, Pohl and Jones Market Street Mortgage and Perseverado & Bethsaisa Maldanado

RECEIVED

OCT 27 1992

ENG. DEPT.

I hereby certify that the survey represented hereon meets or exceeds the minimum standards established pursuant to section 472.027, Florida Statutes.

Final survey Oct. 83 1992

Scale 1"=20'

Date July 8 1992 Foundation Added Aug 5 1992

Type of Survey Boundary & PLOT PLAN

This Property lies in Flood Zone "C"

Basis of Bearings Record plat

Tommie Logan
Registered Land Surveyor #2498

LOGAN & GABIOUD SURVEYING
1319 Canton Street
Orlando, FL 32803
(407) 898-2718

2809

PLAT OF SURVEY

9207060

Legal Description: Lot 178 Votaw Village Phase II

As recorded in Plat Book 21 Pages 53-54 Public Records of Orange County, Florida

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 10/28/92

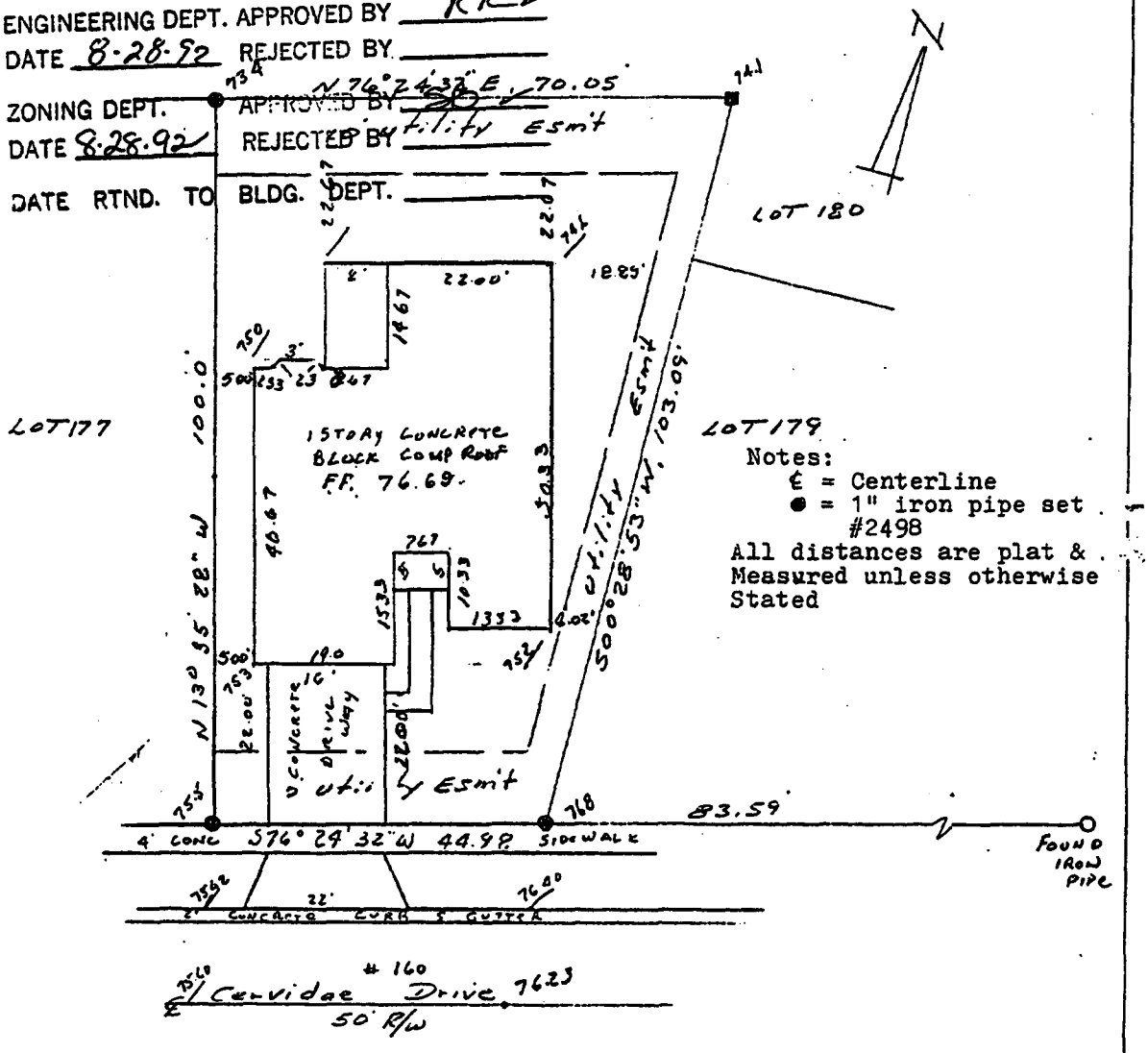
ENGINEERING DEPT. APPROVED BY RK

DATE 8-28-92 REJECTED BY

ZONING DEPT. APPROVED BY Utility Esmt

DATE 8.28.92 REJECTED BY

DATE RTND. TO BLDG. DEPT.



Notes:
℄ = Centerline
● = 1" iron pipe set #2498
All distances are plat & Measured unless otherwise Stated

Certified to L & L Warren Const. Inc., Graham, Clark, Pohl and Jones Contempory Mortgage Service and Kathy L. Yarosh

RECEIVED

OCT 27 1992

ENG. DEPT.

I hereby certify that the survey represented hereon meets or exceeds the minimum standards established pursuant to section 472.027, Florida Statutes.

Final survey Oct. 23 1992

Scale 1"=20'

Date July 8 1992 Foundation added Aug 5 1992

Type of Survey Boundary ℄ PLOT PLAN

This Property lies in Flood Zone "C"

Basis of Bearings Record plat

Tommie Logan
Registered Land Surveyor #2498

LOGAN & GABIOUD SURVEYING
1319 Canton Street
Orlando, FL 32803
(407) 898-2718

7810

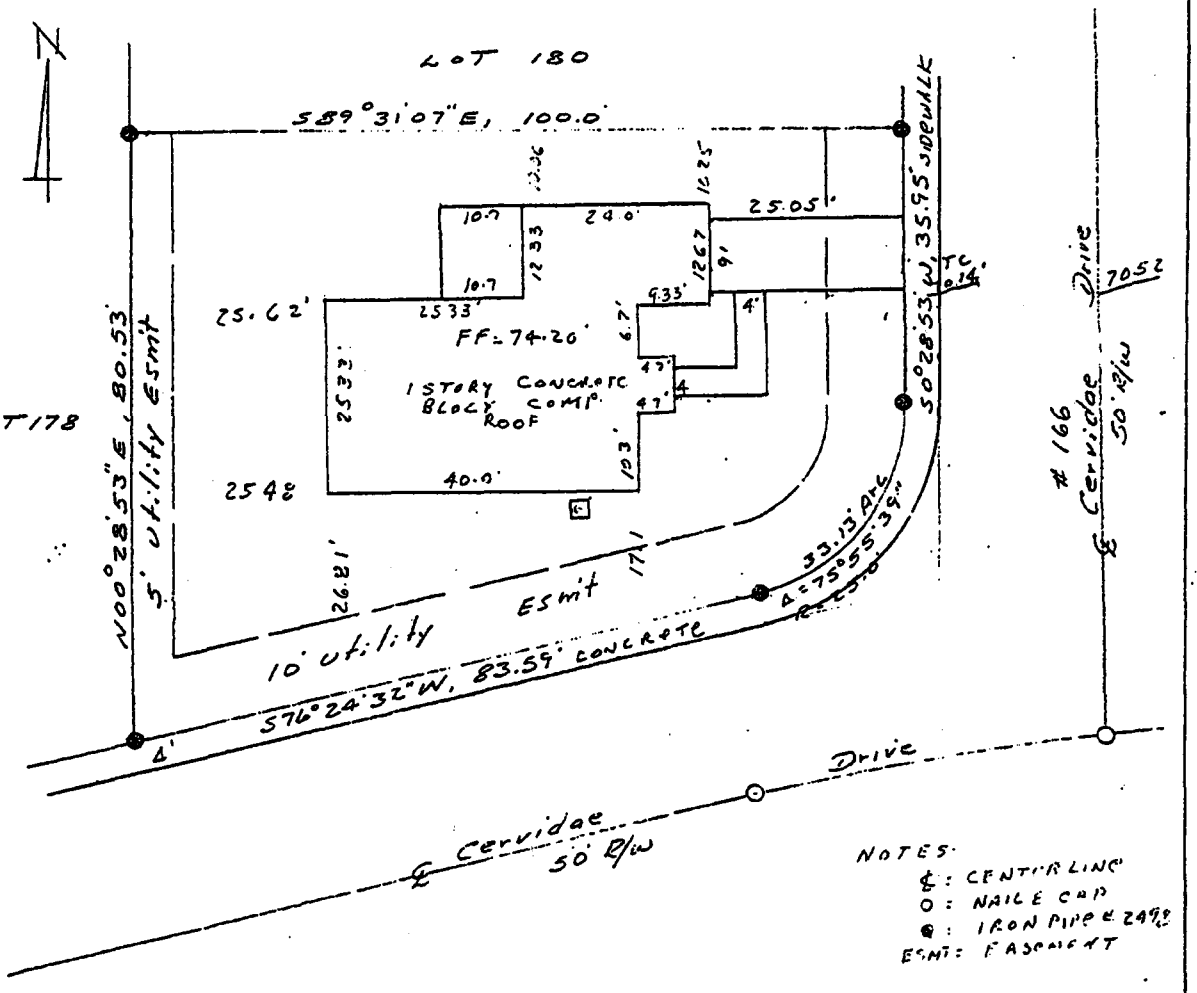
9107065

S-102

PLAT OF SURVEY

Legal Description: Lot 179 Votaw Village Phase II

As recorded in Plat Book 21 Page(s) 53-54 Public Records of Orange County, Florida



NOTES:
℄ : CENTERLINE
O : NAILE CAP
● : IRON PIPE & 2498
ESMT: EASEMENT

Certified to L & L Warranty Corp., Inc., Graham, Clark, Pohl and Jones and Southland Bank

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 10/15/91

ENGINEERING DEPT. APPROVED BY KK

DATE 10-15-91 REJECTED BY _____

ZONING DEPT. APPROVED BY (P)

DATE 10-15-91 REJECTED BY _____

DATE RTND. TO BLDG. DEPT. _____

RECEIVED
OCT 14 1991
ENG. DEPT.

I hereby certify that the survey represented hereon meets or exceeds the minimum standards established pursuant to section 472.027, Florida Statutes.

Scale 1"=20'

Date June 28 1991 FOUNDATION ADDED AUG 5, 1991

Type of Survey Boundary & PLOT PLAN

This Property lies in Flood Zone "C" Final survey Oct. 4 1991

Basis of Bearings Record plat

Tommie Logan
Registered Land Surveyor #2498

LOGAN & GABIOUD SURVEYING
1319 Canton Street
Orlando, FL 32803
(407) 898-2718

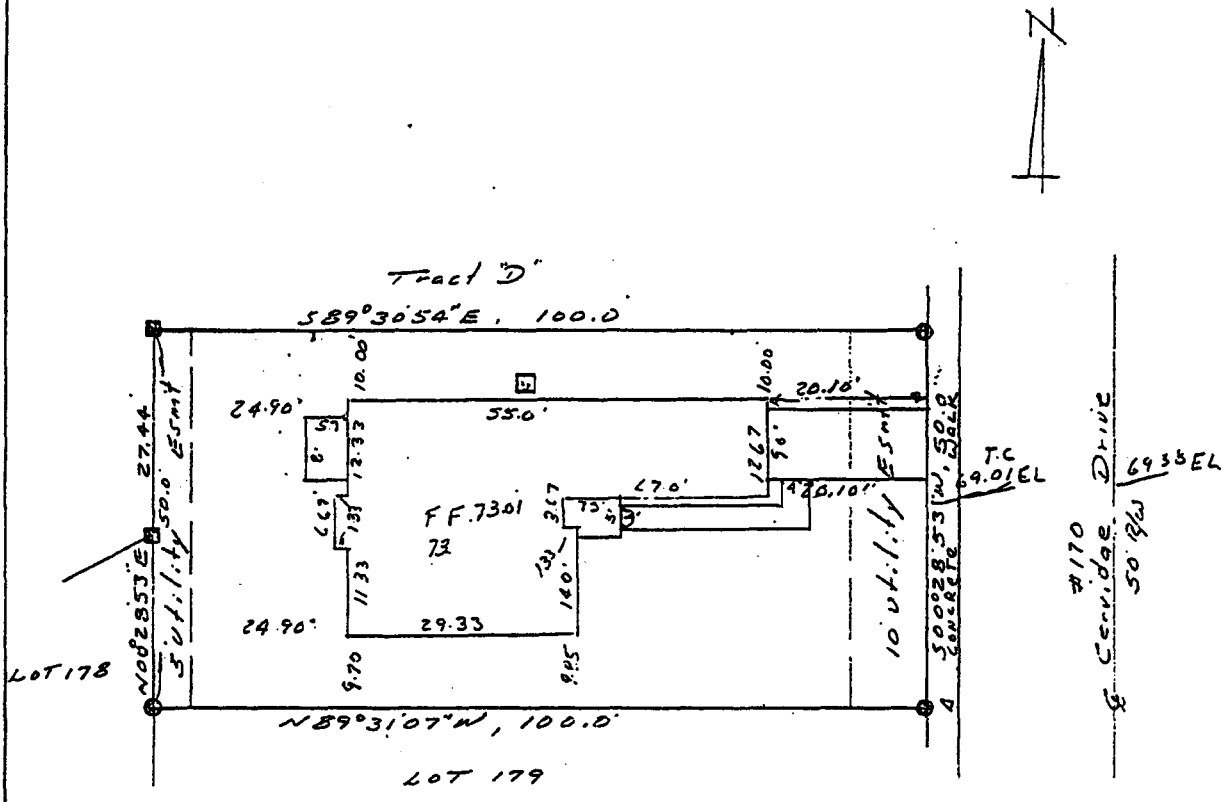
2811

910756

PLAT OF SURVEY

Legal Description: Lot 180, Votaw Village Phase II

As recorded in Plat Book 21 Pages 53-54 Public Records of Orange County, Florida



Certified to L & L Warren Const. Inc., Graham, Clark, Lohl and Jones and Southland Bank

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 10/15/91

ENGINEERING DEPT. APPROVED BY _____

DATE 10-15-91 REJECTED BY _____

ZONING DEPT. APPROVED BY _____

DATE 10-15-91 REJECTED BY _____

DATE RTND. TO BLDG. DEPT. _____

RECEIVED

OCT 14 1991

ENG. DEPT.

I hereby certify that the survey represented hereon meets or exceeds the minimum standards established pursuant to section 472.027, Florida Statutes.

Scale 1"=20'

Date July 10 FOUNDATION ADDED AUG. 5, 1991

Type of Survey Boundary & Plot Plan

This Property lies in Flood Zone "C" Final survey Oct 4 1991

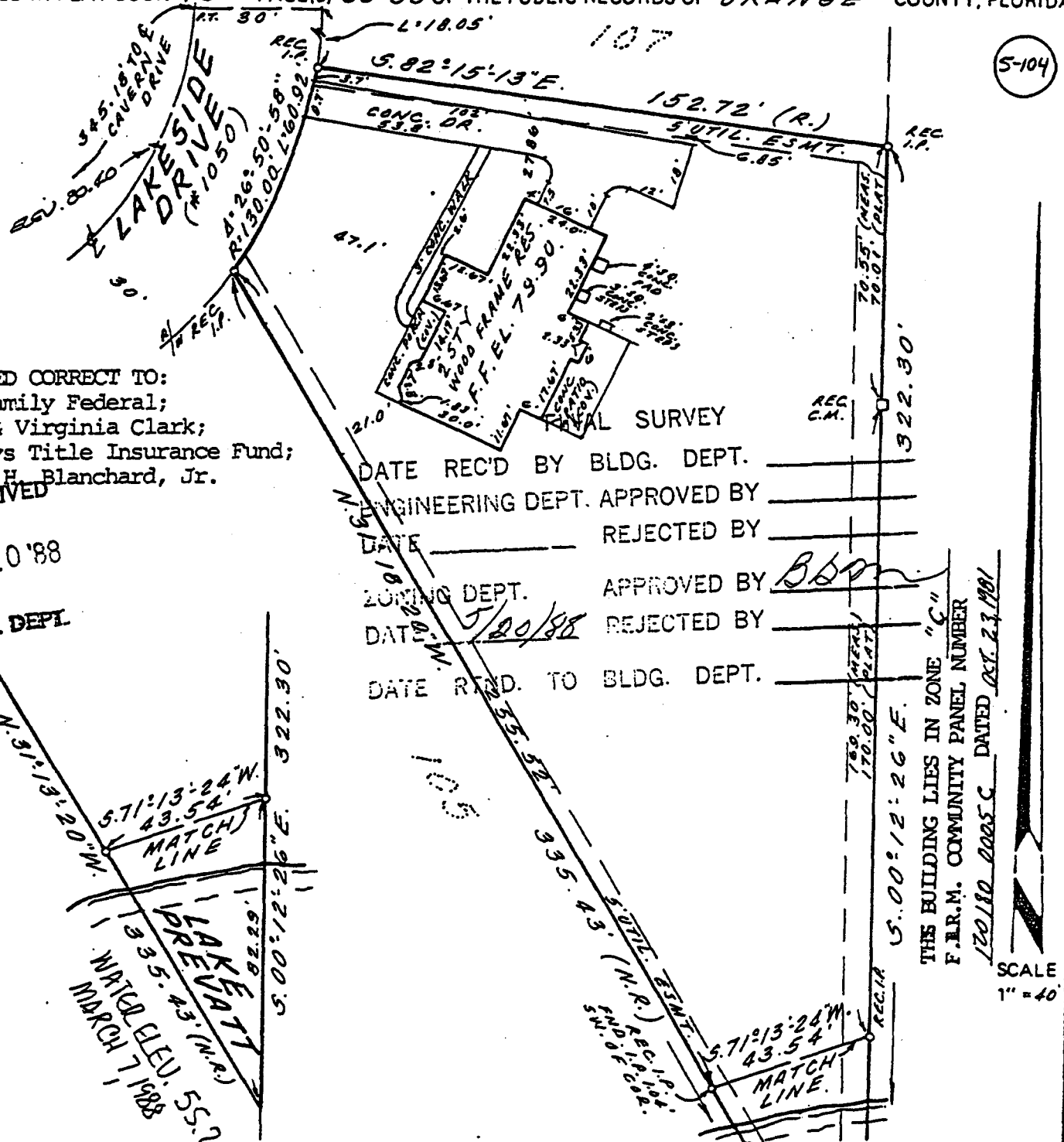
Basis of Bearings Record Plat

Tommie Logan
Registered Land Surveyor #2498

LOGAN & GABIOUD SURVEYING
1319 Canton Street
Orlando, FL 32803
(407) 898-2718

2212

RECORDED IN PLAT BOOK 10 PAGE(S) 85-88 OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA



CERTIFIED CORRECT TO:
First Family Federal;
Victor & Virginia Clark;
Attorneys Title Insurance Fund;
Clayton H. Blanchard, Jr.

RECEIVED
MAY 20 '88
ENG. DEPT.

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. _____

ENGINEERING DEPT. APPROVED BY _____

DATE _____ REJECTED BY _____

ZONING DEPT. APPROVED BY BBP

DATE 5/20/88 REJECTED BY _____

DATE RTND. TO BLDG. DEPT. _____

THIS BUILDING LIES IN ZONE "C"
F.I.R.M. COMMUNITY PANEL NUMBER
120180 0005 C DATED OCT. 23 1981

SCALE 1" = 40'

HENRICH, TROTTER, CARTER, & AYERS, INC.
LAND SURVEYORS
636 N. WYMORE ROAD
WINTER PARK, FLORIDA 32789
(305) 647-7346

DATE OF:
BOUNDARY 3-7-88
FOUND 3-7-88
FINAL 5-18-88
ADD FLOOD CERTIFICATION 3-14-88

THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

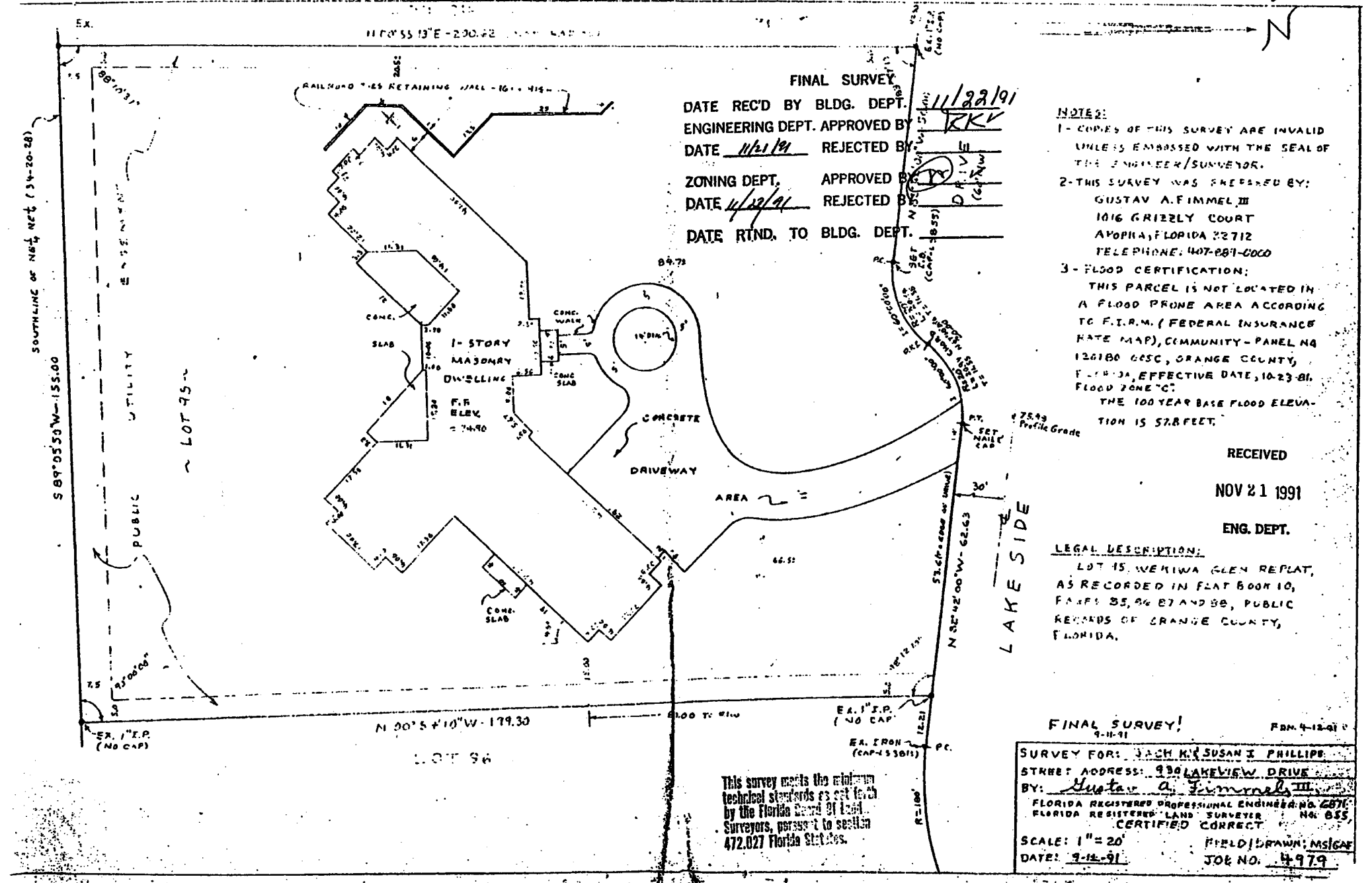
CERTIFIED CORRECT:

W. E. Ayers

REG. LAND SURVEYOR NO. 2003

FILE NO. 17108

9104019 · 2:15


Ex.
N 89°55'13"E - 290.62
RAILROAD TIES RETAINING WALL - 16± HIGH
SOUTHLINE OF NE¼ NE¼ (34-20-28)
S 89°05'50"W - 155.00
PUBLIC UTILITY
~ LOT 95 ~
1- STORY MASONRY DWELLING
F.F. ELEV. = 74.90
SLAB
CONC.
CONC. WALK
CONC. SLAB
CONCRETE DRIVEWAY
AREA
84.73
75.93 Profile Grade
P.T.
SET NAIL & CAP
P.C.
SET I.R. (CAP #8551)
R=180'
N 32°42'00"W - 62.63
LAKESIDE
30'
66.51
N 00°54'10"W - 179.30
BLDG. TIE WIRE
EX. 1" I.P. (NO CAP)
EX. 1" I.P. (NO CAP)
EX. IRON (CAP #5361)
LOT 96
FINAL SURVEY
DATE REC'D BY BLDG. DEPT. 11/22/91
ENGINEERING DEPT. APPROVED BY RKV
DATE 11/21/91 REJECTED BY
ZONING DEPT. APPROVED BY
DATE 11/22/91 REJECTED BY
DATE RTND. TO BLDG. DEPT.
NOTES:
1- COPIES OF THIS SURVEY ARE INVALID UNLESS EMBOSSED WITH THE SEAL OF THE ENGINEER/SURVEYOR.
2- THIS SURVEY WAS PREPARED BY:
GUSTAV A. FIMMEL III
1016 GRIZZLY COURT
APOPKA, FLORIDA 32712
TELEPHONE: 407-889-COCO
3- FLOOD CERTIFICATION:
THIS PARCEL IS NOT LOCATED IN A FLOOD PRONE AREA ACCORDING TO F.I.R.M. (FEDERAL INSURANCE RATE MAP), COMMUNITY - PANEL NO 120180 0055C, ORANGE COUNTY, FLORIDA, EFFECTIVE DATE, 10-23-81. FLOOD ZONE "C".
THE 100 YEAR BASE FLOOD ELEVATION IS 57.8 FEET.
RECEIVED
NOV 21 1991
ENG. DEPT.
LEGAL DESCRIPTION:
LOT 15, WEKIWA GLEN REPLAT, AS RECORDED IN PLAT BOOK 10, PAGES 85, 86 87 AND 88, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.
This survey meets the minimum technical standards as set forth by the Florida Board of Land Surveyors, pursuant to section 472.027 Florida Statutes.
FINAL SURVEY! 9-11-91
Rev. 9-12-91
SURVEY FOR: ZACH K. & SUSAN I. PHILLIPS
STREET ADDRESS: 930 LAKEVIEW DRIVE
BY: Gustav A. Fimmel III
FLORIDA REGISTERED PROFESSIONAL ENGINEER NO. 6871
FLORIDA REGISTERED LAND SURVEYER NO. 855
CERTIFIED CORRECT
SCALE: 1" = 20'
FIELD/DRAWN: MS/GAF
DATE: 9-11-91
JOB NO. 4979

'EPLAT"
es 85-88,
Florida
?VEY"

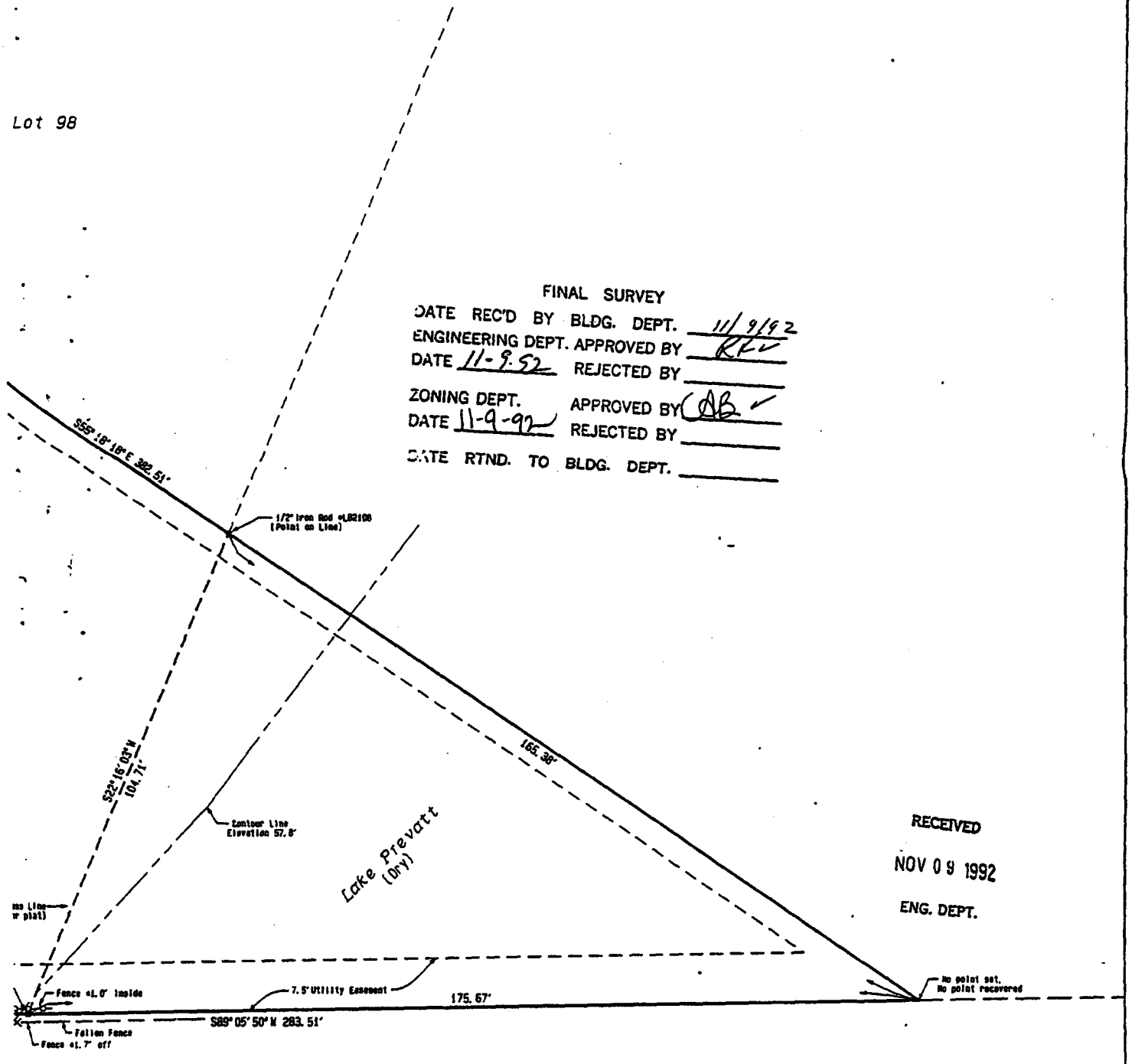
5-106

N

Lot 98

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 11/9/92
ENGINEERING DEPT. APPROVED BY RKV
DATE 11-9-92 REJECTED BY
ZONING DEPT. APPROVED BY AB
DATE 11-9-92 REJECTED BY
DATE RTND. TO BLDG. DEPT.



RECEIVED
NOV 09 1992
ENG. DEPT.

SCALE 1 INCH = 20 FEET

LEGEND

- ▫ = Utility Closure Box
- ▪ = Recovered 4"X4" Concrete Monument #LS3185
- ○ = Recovered Iron Rod or Pipe
- ● = Set 1/2" Iron Rod #LS4458
- CONC = Concrete Slab as shown
- —o—o— = Wire Fence —x—x— = Barbed Wire Fence

This Survey Certified To:
Ron Craft
Linda K. Craft
First National Bank of Central Florida
Fidelity Title & Guaranty Co.

CERTIFICATION

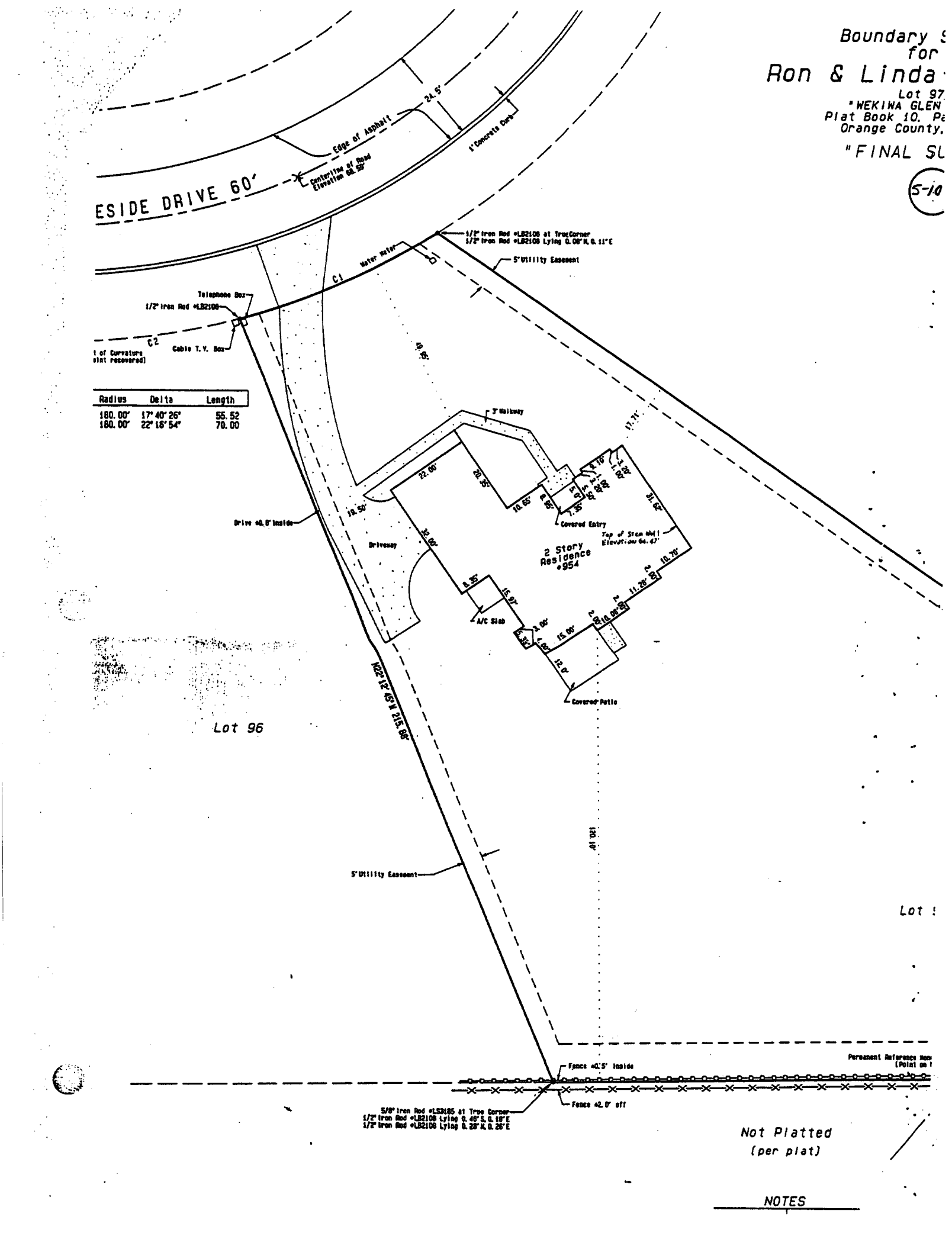
This is to Certify that I have performed a field survey of the above described property, for the purposes hereon represented, and, that this drawing is a representation of that survey, and meets the Minimum Technical Standards pursuant to Section 472.027, Florida Statutes (Chapter 21HH-6, F.A.C.).

Michael W. Solitro
Michael W. Solitro, Certificate #4458

wed the Flood
120180 0005C,
this lot lies

Boundary Survey:	May 18, 1992	REVIEWED BY: MWS	
Site Plan:	June 2, 1992	DRAWN BY: LTS	
Foundation Survey:	June 25, 1992	DATE: June 29, 1992	
Final Survey:	November 2, 1992	JOB No.: 922068	

Michael W. Solitro
Professional Land Surveyor, Inc.
375 Douglas Avenue
Suite 2001
Altamonte Springs, Fl. 32714
FAX (407) 862-6229


Boundary S
for
Ron & Linda
Lot 97
"WEKIWA GLEN
Plat Book 10, Pa
Orange County,
"FINAL SU
5-10
ESIDE DRIVE 60'
Edge of Asphalt
24.5'
1' Concrete Curb
Centerline of Road
Elevation 68.59'
1/2" Iron Rod •LB2108 at TrueCorner
1/2" Iron Rod •LB2108 Lying 0.08' N, 0.11' E
5' Utility Easement
Water Meter
Telephone Box
1/2" Iron Rod •LB2108
Cable T.V. Box
C1
C2
t of Curvature
oint recovered]
Radius Delta Length
180.00' 17° 40' 26" 55.52
180.00' 22° 16' 54" 70.00
3' Walkway
Drive •0.8' inside
19.50'
Driveway
22.00'
20.35'
10.65'
Covered Entry
Top of Stem Wall
Elevation 64.47'
2 Story
Residence
•954
31.62'
10.75'
11.28'
15.97'
A/C Slab
15.00'
12.0'
Covered Patio
N22° 12' 45" W 215.00'
Lot 96
5' Utility Easement
Lot
Fence •0.5' inside
Fence •2.0' off
Permanent Reference Mon
(Point on
5/8" Iron Rod •LS3185 at True Corner
1/2" Iron Rod •LB2108 Lying 0.46' S, 0.19' E
1/2" Iron Rod •LB2108 Lying 0.28' N, 0.26' E
Not Platted
(per plat)
NOTES

BOUNDARY SURVEY

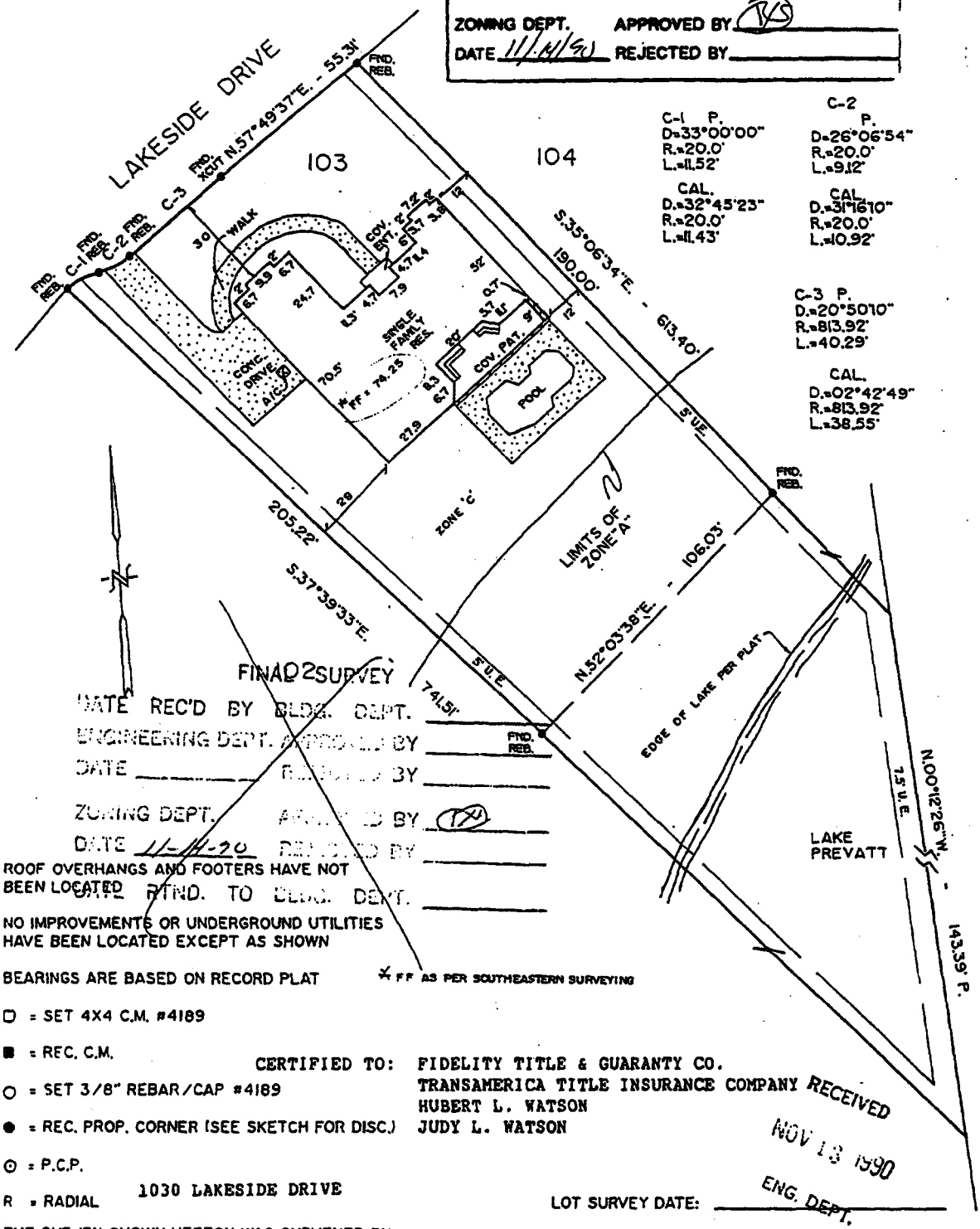
9006004

5-108

FINAL POOL SURVEY

ZONING DEPT. APPROVED BY BS

DATE 11/14/90 REJECTED BY



FINAL 2 SURVEY

DATE REC'D BY BLDG. DEPT. _____

ENGINEERING DEPT. APPROVED BY _____

DATE _____ RETURNED BY _____

ZONING DEPT. APPROVED BY (TV)

DATE 11-14-90 RETURNED BY _____

DATE RTND. TO BLDG. DEPT. _____

ROOF OVERHANGS AND FOOTERS HAVE NOT BEEN LOCATED

NO IMPROVEMENTS OR UNDERGROUND UTILITIES HAVE BEEN LOCATED EXCEPT AS SHOWN

BEARINGS ARE BASED ON RECORD PLAT

* FF AS PER SOUTHEASTERN SURVEYING

□ = SET 4X4 C.M. #4189

■ = REC. C.M.

○ = SET 3/8" REBAR/CAP #4189

● = REC. PROP. CORNER (SEE SKETCH FOR DISC.)

⊙ = P.C.P.

R = RADIAL

CERTIFIED TO: FIDELITY TITLE & GUARANTY CO.
TRANSAMERICA TITLE INSURANCE COMPANY
HUBERT L. WATSON
JUDY L. WATSON

RECEIVED
NOV 13 1990
ENG. DEPT.

1030 LAKESIDE DRIVE

THE SURVEY SHOWN HEREON WAS SURVEYED BY THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT

LOT SURVEY DATE: _____

FOUNDATION SURVEY DATE: _____

FINAL SURVEY DATE: 11/11/90

I HEREBY CERTIFY THAT THIS SURVEY MEETS OR EXCEEDS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 21HH-6, FLORIDA STATUES.

CHARLES R. DE FOOR
P.L.S. NO. 4189 DATE: 11-13-90

PREPARED FOR: HUBERT L. WATSON
JUDY L. WATSON

PREPARED BY:

CHARLES "ROB" DE FOOR
AND ASSOCIATES
P.O. BOX 3182, APOPKA, FL.32703 (407)880-3583

DATE DRAWN:	SCALE:	PAGE 1 OF 2
11/12/90	1"=40'	

BOUNDARY SURVEY

LEGAL DESCRIPTION: LOT 103, WEKIWA GLEN REPLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 10, PAGES 85-88, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

PART OF THE ABOVE REFERENCED PROPERTY IS LOCATED IN ZONE "A", AREA OF 100 YEAR FLOODING WITH THE BALANCE OF SAID PROPERTY BEING LOCATED IN ZONE "C", AREA OF MINIMAL FLOODING AS PER F.I.R.M. COMMUNITY PANEL NUMBER 120180 0005 C, CITY OF APOPKA, ORANGE COUNTY, FLORIDA. MAP DATED OCTOBER 23, 1981.

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. _____

ENGINEERING DEPT. APPROVED BY _____

DATE _____ REJECTED BY _____

ZONING DEPT. APPROVED BY _____

DATE _____ REJECTED BY _____

DATE RTND. TO BLDG. DEPT. _____

ROOF OVERHANGS AND FOOTERS HAVE NOT BEEN LOCATED.

BEARINGS ARE BASED ON RECORD PLAT.

□ = SET 4x4 C.M. #4189

■ = REC. C.M.

○ = SET 3/8" REBAR/CAP # 4189

● = REC. PROP. CORNER (SEE SKETCH FOR DESC.)

⊙ = P.C.P.

R = RADIAL

NO IMPROVEMENTS OR UNDERGROUND UTILITIES HAVE BEEN LOCATED EXCEPT AS SHOWN

THE SURVEY SHOWN HEREON WAS SURVEYED BY THE LEGAL DESCRIPTION PROVIDED BY THE CLIENT

CERTIFIED TO: FIDELITY TITLE & GUARANTY CO.
TRANSAMERICA TITLE INSURANCE COMPANY
HUBERT L. WATSON
JUDY L. WATSON

RECEIVED
NOV 13 1990
ENG. DEPT.

LOT SURVEY DATE: _____

FOUNDATION SURVEY DATE: _____

FINAL SURVEY DATE: 11/11/90

I HEREBY CERTIFY THAT THIS SURVEY MEETS OR EXCEEDS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 21HH-6, FLORIDA STATUES.

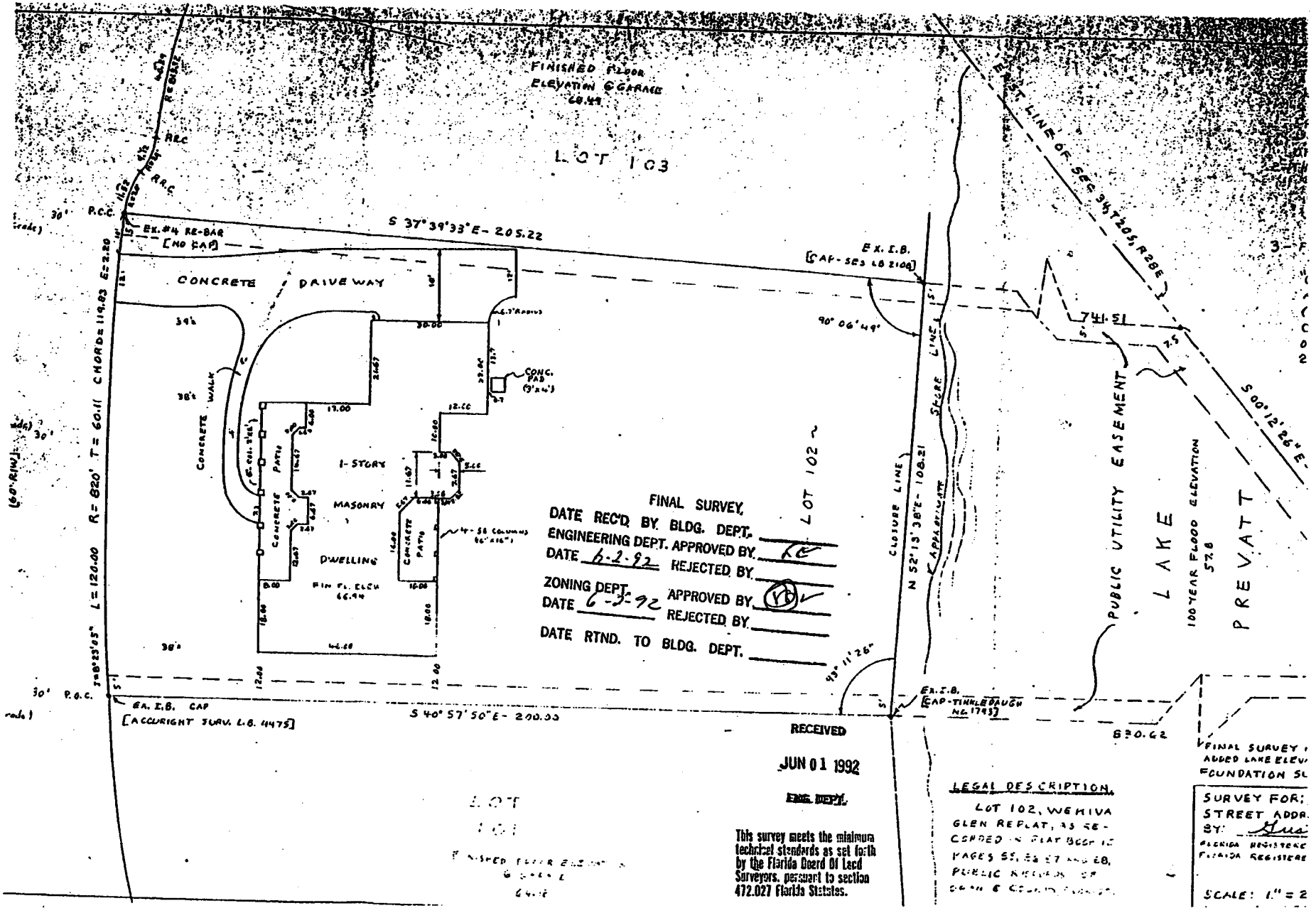
CHARLES R. DE FOOR
P.L.S. NO. 4189 DATE: 11-13-90

PREPARED FOR: HUBERT L. WATSON
JUDY L. WATSON

PREPARED BY:
CHARLES "ROB" DE FOOR
AND ASSOCIATES
P.O. BOX 3182, APOPKA, FLA. 32703 (407) 880-3583

DATE DRAWN:	SCALE:	PAGE
11/12/90	1" = 40'	2 OF 2

S-140


FINISHED FLOOR ELEVATION & GARAGE 68.44
LOT 103
R.C.C.
EX. #4 RE-BAR [NO CAP]
S 37°39'33"E - 205.22
EX. I.B. [CAP - SES LB 2104]
CONCRETE DRIVE WAY
CONCRETE WALK
CONC. PAD (3'x4')
1-STORY MASONRY DWELLING
FIN. FL. ELEV. 66.44
CONCRETE PATIO
4"-56 COLUMNS
LOT 102
CLOSURE LINE
N 52°13'38"E - 108.21
STORE LINE
APPROXIMATE
EAST LINE OF SEC. 34, T20S, R28E
S 00°12'26"E
741.51
90°06'49"
93°11'26"
PUBLIC UTILITY EASEMENT
LAKE
100 YEAR FLOOD ELEVATION 57.6
PREVATT
R= 820' T= 60.11 CHORD= 119.83 E=2.20
L=120.00
P.O.C.
EX. I.B. CAP [ACCURIGHT SURV. L.B. 4475]
S 40°57'50"E - 200.33
EX. I.B. [CAP - TIMBERBRUCH NO. 1743]
830.62
LOT 101
FINISHED FLOOR ELEVATION & GARAGE 69.44
FINAL SURVEY,
DATE REC'D BY BLDG. DEPT.
ENGINEERING DEPT. APPROVED BY. RE
DATE 6-2-92 REJECTED BY.
ZONING DEPT. APPROVED BY. VB
DATE 6-3-92 REJECTED BY.
DATE RTND. TO BLDG. DEPT.
RECEIVED
JUN 01 1992
ENG. DEPT.
This survey meets the minimum technical standards as set forth by the Florida Board Of Land Surveyors, persuant to section 472.027 Florida Statutes.
LEGAL DESCRIPTION.
LOT 102, WEHIVA GLEN REPLAT, AS RECORDED IN PLAT BOOK 12 PAGES 55, 56, 57 AND 58, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.
SURVEY FOR:
STREET ADDR.
BY:
FLORIDA REGISTERE
FLORIDA REGISTERE
SCALE: 1" = 2

#8832

10:30

Map of Boundary & As-Built Survey

Description:

Lot 101, as shown on the plat of WEKIWA GLEN REPLAT, as recorded in Plat Book 10, Pages 85-88, of the public records of Orange County, Florida.

Containing 1.575 acres more or less, (0.520 acres more or less above water) and being subject to any easements or rights of way of record.

FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 4/17/90

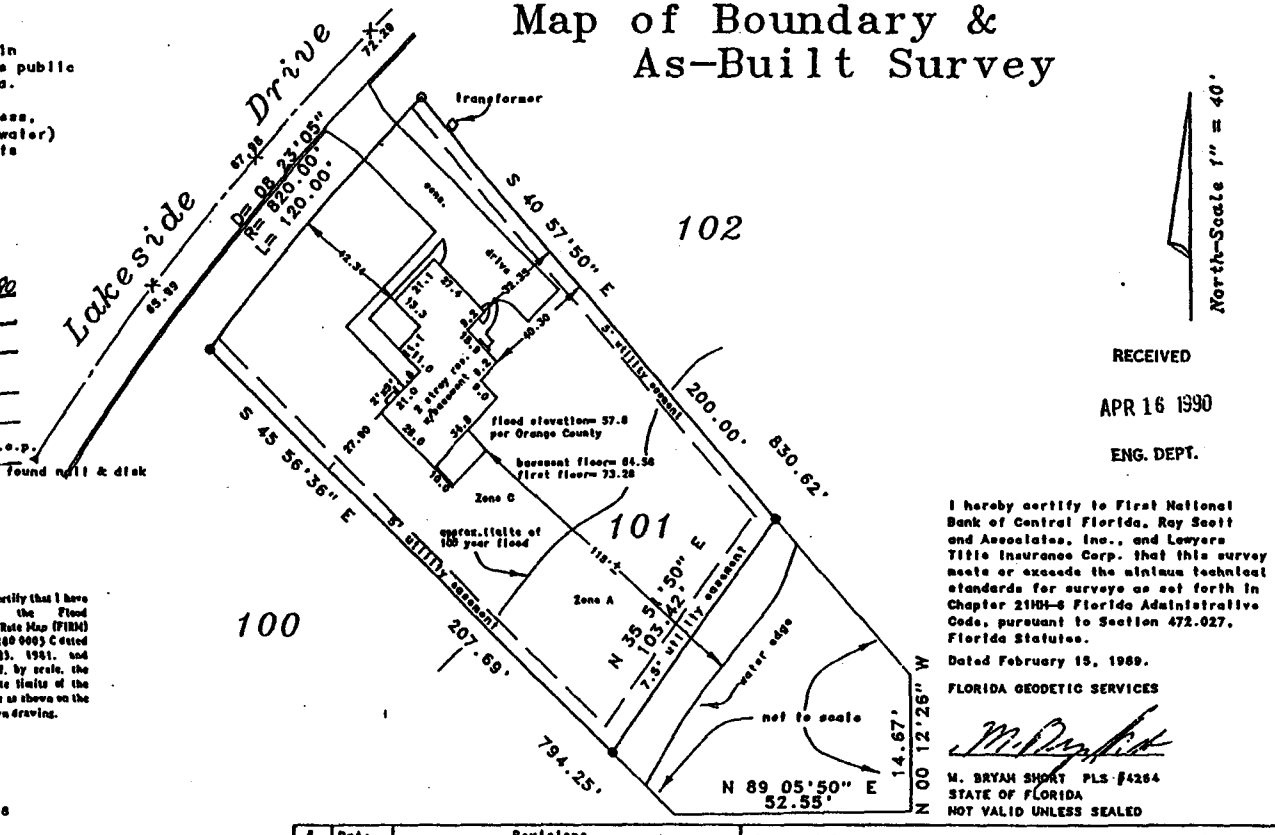
ENGINEERING DEPT. APPROVED BY KL

DATE 4/16/90 REJECTED BY _____

ZONING DEPT. APPROVED BY _____

DATE 4/17/90 REJECTED BY _____

DATE RTND TO BLDG. DEPT. _____



I hereby certify that I have examined the Flood Insurance Rate Map (FIRM) panel 120180 0005 C dated October 23, 1981, and determined, by scale, the approximate limits of the flood zones as shown on the above shown drawing.

RECEIVED

APR 16 1990

ENG. DEPT.

I hereby certify to First National Bank of Central Florida, Ray Scott and Associates, Inc., and Lawyers Title Insurance Corp. that this survey meets or exceeds the minimum technical standards for surveys as set forth in Chapter 21HH-6 Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Dated February 15, 1989.

FLORIDA GEODETIC SERVICES

M. BRYAN SHORT PLS #4284
STATE OF FLORIDA
NOT VALID UNLESS SEALED

NOTES :

- Bearings based on Plat
- ● denotes found 1" iron pipe & cap # 1796
- ○ denotes set iron rod & cap # 4284
- No title commitment or abstract for the above property has been provided. It is possible there are recorded or unrecorded documents which could affect the boundary of this parcel.
- No underground or internal improvements, other than shown, located this date.

#	Date	Revisions
4	4/11/90	revised building ties
3	3/6/90	added final improvements
2	2/24/89	added flood elevation note
1	2/23/89	added elevations

Prepared for: Ray Scott & Associates

89052.002

Field Survey February 14, 1989

Scale 1" = 40'

Florida Geodetic Services
P.O.Box 121442 - 1153-G Tenth Street
Clermont, Florida 34712-1442
(904) 394-1061

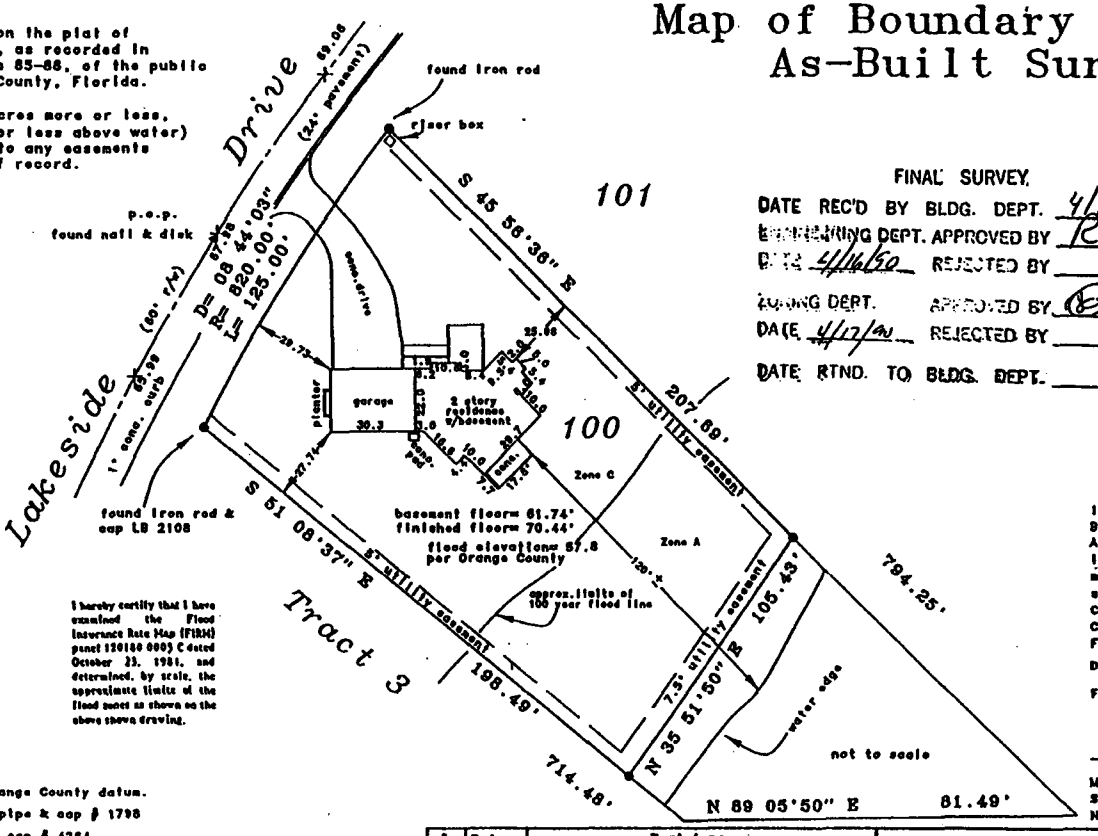
8831

Map of Boundary & As-Built Survey

Description:

Lot 100, as shown on the plat of WEKIWA GLEN REPLAT, as recorded in Plat Book 10, Pages 85-88, of the public records of Orange County, Florida.

Containing 1.542 acres more or less, (0.535 acres more or less above water) and being subject to any easements or rights of way of record.



FINAL SURVEY

DATE REC'D BY BLDG. DEPT. 4/17/90

ENGINEERING DEPT. APPROVED BY RK

DATE 4/16/90 REJECTED BY _____

ZONING DEPT. APPROVED BY _____

DATE 4/17/90 REJECTED BY _____

DATE RTND. TO BLDG. DEPT. _____

RECEIVED

APR 16 1990

ENG. DEPT.

I hereby certify that I have examined the Flood Insurance Rate Map (FIRM) panel 120186 0003 C dated October 23, 1981, and determined, by scale, the approximate limits of the flood zones as shown on the above shown drawing.

I hereby certify to First National Bank of Central Florida, Ray Scott Associates Inc., and Lawyers Title Insurance Corp. that this survey meets or exceeds the minimum technical standards for surveys as set forth in Chapter 21HH-6 Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Dated February 15, 1989.

FLORIDA GEODETIC SERVICES

M. BRYAN SHORT PLS #4264
STATE OF FLORIDA
NOT VALID UNLESS SEALED

NOTES :

- Bearings based on Plat
- Elevations based on Orange County datum.
- ● denotes found 1" iron pipe & cap # 1798
- ○ denotes set iron rod & cap # 4264
- No title commitment or abstract for the above property has been provided. It is possible there are recorded or unrecorded documents which could affect the boundary of this parcel.
- No underground or internal improvements, other than shown, located this date.

#	Date	Revisions
4	4/11/90	revised building ties
3	4/6/90	added final improvements
2	2/24/89	added flood elevation note
1	2/23/89	added elevations

Prepared for: Ray Scott & Associates

89061.001

Field Survey February 14, 1989

Scale 1" = 40'

Florida Geodetic Services
P.O.Box 121442 - 1153-G Tenth Street
Clermont, Florida 34712-1442
(904) 394-1061

S-112

Lake McCoy, Lake Coroni, Lake Prevatt Drainage Basin Study Orange County, Florida

HISTORICAL LAKE LEVELS

Prepared By:
Orange County Engineering
4200 S. John Young Parkway
Orlando, Florida 32839-9205

LAKE McCoy BOOK 3 DIST. 2 SEC. 2 3 10, TWP. 21 S., RNG. 28 E.

B.M. ELEV. 64.67 DESCRIPTION Nail in W/Side of 24" Oak. 200'(±) S/of Center Ct. 160'(±) Southeast of Brick house.

MAXIMUM ____ CONTROL 61.0 MINIMUM ____ BUILDING 68.0 HIGH 61.85 (9-7-A)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1991	Dry	Dry	Dry	Dry	Dry	Dry	8/ 58.05	9/ 60.24	9/ 60.83	9/ 60.99	8/ 60.55	6/ 60.02
1992	9/ 59.21	7/ 58.93	4/ 58.68	6/ 58.47	6/ 57.92	5/ 57.25	6/ 57.30	7/ 56.54	3/ 56.81	6/ 57.79	6/ 57.80	3/ 58.37
1993	6/ 58.12	3/ 59.29	10/ 59.60	2/ 60.95	7/ 60.47	3/ 60.04	7/ 59.80	14/ 60.25	3/ 60.74	5/ 60.75	2/ 60.33	2/ 59.65
1994	5/ 59.44	3/ 59.76	9/ 60.10	4/ 59.50	4/ 59.85	4/ 59.95	7/ 61.56	2/ 61.60	6/ 61.47	3/ 61.76	1/ 61.34 29/ 61.5	14/ 61.70
1995	5/ 61.81	6/ 61.60	1/ 61.46	11/ 61.31	2/ 60.81	5/ 60.38	5/ 60.38	1/ 61.13	6/ 61.68	11/ 62.01		

15-113

17-33

See previous page

LAKE Mc Coy BOOK X DIST. 2 SEC. 2, 3 & 10, TWP. 21 S., RNG. 28 E.

B.M. ELEV. 64.67 DESCRIPTION Nail in W/side of 24" Oak, 200' (±) S/of Archer Court, 150'(±) Southeast of brick House

MAXIMUM ____ CONTROL 61.0 MINIMUM ____ BUILDING 68.0 HIGH 61.85 (9/7/79)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1979		13/ 61.11		23/ 60.21	24/ 61.30	19/ 60.94	29/ 60.54		7/ 61.85	23/ 61.16		
1980							11/ ER 60.27		4/ 59.40	28/ 57.96		3/ 57.75
1981	23/ 56.55	24/ 56.58	29/ 55.80	22/ 54.52		2/ ALMOST DRY	8/ DRY	4/ DRY	3/ ALMOST DRY	7/ 53.05	11/ 52.43	18/ ALMOST DRY
1982		23/ 53.64	26/ 53.77	13/ 55.64	24/ 56.01	29/ 58.65	23/ 58.88	X	13/ 60.23	26/ 61.01	23/ 60.50	
1983	12/ 59.89	24/ 61.20	30/ 61.64	(SEE	NEW	SHEET						

LAKE LAKE McCOY BOOK B.M.83-1 DIST. 2 SEC. 3, TWP. 21 S., RNG. 28 E.

B.M. ELEV. 62.063 DESCRIPTION R-296-003 "A" SET 60 P. NAIL S.END OF S.W. COR. OF DOCK BEHIND ADD. 520 SIR ARTHUR COURT, 2-STORY WHITE HOUSE S.LOBE LAKE McCOY

MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH 61.85 9/7/79

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1980		SEE PREVIOUS SHEETS										
1981												
1982												
1983	12/59.90	4/60.26, 24/61.29	30/61.65	26/61.80	X	2/60.95	8/61.81	3/61.44	2/61.65	5/61.43	8/61.56	5/61.33
1984	13/61.69	3/61.51	8/61.45	4/61.24	4/60.61, 31/60.27		SEE CURRENT LK BOOK					

S-15

17/29

LAKE LAKE McCOY BOOK ~~B.M.83-1~~ DIST. 2 SEC. 3, TWP. 21 S., RNG. 28 E.

B.M. ELEV. 62.063 DESCRIPTION R-296-003 "A" SET 60 P. NAIL S. END OF S.W. COR. OF DOCK BEHIND ADD. 520 SIR AUTHOR COURT, 2-STORY WHITE HOUSE S. LOBE LAKE MCCOY

MAXIMUM ____ CONTROL ____ MINIMUM ____ BUILDING ____ HIGH 61.85 9/7/79

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1980		SEE PREVIOUS SHEETS										
1981												
1982												
1983	12/59.90	4/60.36, 24/61.29	30/61.65	26/61.80	X	2/60.95	8/61.81	3/61.44	2/61.65	5/61.43	8/61.56	5/61.33
1984	13/61.69	8/61.51	8/61.46	4/61.24	4/60.61, 31/60.27	29/59.61		2/60.87, 31/61.78	26/61.33		8/61.58	6/60.13
1985	9/59.52	4/59.04	6/58.41	3/57.66	17/56.46		8/55.81	14/57.75	5/59.24	10/60.16	6/59.96	19/59.56
1986		20/61.06		7/60.67	9/59.57	13/58.77		6/59.56	8/61.44	2/61.08	7/60.75	9/60.46
1987	9/60.20	5/60.14	6/61.66	2/61.96	7/60.72	4/60.26	13/60.99	4/60.72	3/59.79	2/60.51	4/60.55	10/60.81
1988	5/60.53	3/61.02	14/61.41	5/60.89	5/60.24	2/59.86	7/60.55	4/60.37	21/61.79	4/61.16	1/60.55	1/61.02
1989	5/60.62	1/60.49	23/60.47	17/59.76	6/59.22	1/58.51	6/58.31	2/58.03	6/57.82	4/57.91	1/57.31	4/61.57

LAKE Mc COY BOOK 3/4 DIST. 2 SEC. 3, TWP. 21 S., RNG. 28 E.

B.M. ELEV. 64.67 DESCRIPTION Nail in west side of 24" OAK, 200' (±) south of Arther Ct., 150' (±) southeast of brick house.

MAXIMUM _____ CONTROL 61.0 MINIMUM _____ BUILDING 68.0 HIGH _____

MEAN 16 July 75 59.49

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1967			9/ 61.46			23/ 59.04				5/ 60.10		
1968	5/ 58.12			3/ 56.50	15/ 54.96		17/ 59.85					
1969												
1970					14/ 60.76		8/ 61.02	12/ 61.27				
1971								10/ 61.60				10/ 61.28
1972											16/ 59.37	
1973				30/ 59.93								6/ 58.59
1975							3/ 58.08				24/ 60.74	
1976		2/ 59.73	26/ 59.92		22/ 57.77	30/ 59.00	26/ 60.04	27/ 60.52	30/ 61.55			
1977			2/ 61.00	12/ 57.87		26/ 57.39		3/ 58.97		3/ 60.55		28/ 59.96
1978		13/ 60.72	31/ 60.97				21/ 61.51	31/ 61.31			3/ 61.10	

LAKE CORONIA BOOK 2 DIST. 2 SEC. 34, TWP. 20 S., RNG. 28 E.

B.M. ELEV. 63.59 DESCRIPTION Nail in east side 60" oak tree, NE side of lake, turn off Welch Road on Private Drive 1/4 mile west of lake Prevatt

MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH 60.47 (1/10/61)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1961	60.47	60.47	59.93				56.48					51.47
1965											49.66	
1966					DRY							
1967			55.09			50.88				52.62		
1968	DRY			DRY	DRY		DRY					
1972											15 DRY	
1973				3/ DRY								6/ DRY
1975						3/ DRY						

LAKE Coronia BOOK 3 DIST. 2 SEC. 34, TWP. 20 S., RNG. 28 E.

B.M. ELEV. 64.67 DESCRIPTION LK. N°Cay B.M. IS USED. LAKE N°Cay B.M. IS A NAIL IN W. SIDE OF 26" OAK 200'± S. OF ARTAVIA CO. N. SIDE LK. S.E. OF FIRST BRICK HOUSE ON LAKE.

MAXIMUM ____ CONTROL ____ MINIMUM ____ BUILDING ____ HIGH ~~60.47~~ (1-10-61) 61.12 (11/3/78)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1978											31/ 61.12	
1979		18/ 60.13		23/ Almost Dry	19/ Almost Dry		20/ ALMOST DRY		7/ Almost Dry			
1980	60 P. NAIL SE. SIDE 24" W.S. LAKE N. OF LOT LINE SIR AUR-HER CT. 63.96			SWEET BETWEEN	GUM NO 527-535		11/ GLR 60.33		4/ 59.34	29/ 57.96		3/ 57.75
1981	23/ 56.50	25/ 56.55	20/ 56.32	22/ 54.46		2/ Almost/day one hole	8/ DRY	4/ DRY	3/ 55.23	7/ 57.36	11/ 56.25	18/ 54.85
1982		23/ 56.46	26/ 56.48	13/ 58.81	24/ 57.53	29/ 58.76	23/ 58.69	X	13/ 60.19	26/ 61.01	23/ 60.45	
1983	12/ 59.37	24/ 61.22	30/ 61.64	(SEE	NEW	SHEET)						

S-11

17/25
LK. BOOK #10

LAKE PREVATT BOOK PAGE 3 DIST. 2 SEC. 35, TWP. 20 S., RNG. 28 E.

B.M. ELEV. 60.107 DESCRIPTION W-520-008 - SET R.R. SPIKE IN EAST FACE OF 24" OAK TREE NORTH SIDE OF WELCH ROAD, WEST OF THOMPSON RD. S. SIDE OF LAKE.

MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH _____

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1988									7/ 55.69	4/ 55.92	1/ 55.16	1/ 55.35
1989	5/ 54.77	1/ 54.65	8/ 54.11	17/ 53.52	8/ 53.38	1/ 52.23	3/ 52.62	2/ 52.17	6/ 52.19	3/ 52.46	1/ 51.30	4/ 50.47
1990	4/ 50.94	5/ 49.99	12/ 50.28	23/ DRY	16/ DRY	8/ DRY	11/ DRY	8/ DRY	5/ DRY	2/ DRY	9 DRY	DRY
1991	16/ DRY	\	DRY	DRY	DRY	5/ 52.75	8/ 54.94	9/ 56.40	9/ 56.44	9/ 56.28	8/ 55.29	6/ 54.69
1992	9/ 53.66	7/ 53.41	4/ 52.91	6/ 52.34	6/ 51.49	5/ 50.06	6/ 51.51	7/ 50.23	3/ 50.55	6/ 51.45	6/ 51.50	3/ 52.72
1993	6/ 52.19	3/ 53.44	10/ 53.60	2/ 54.65	7/ 54.11	3/ 53.57	7/ 52.75	16/ 54.96	3/ 55.47	5/ 55.35	2/ 54.84	2/ 53.95
1994	5/ 53.47	3/ 53.73	10/ 53.49	4/ 52.71	4/ 52.48	1/ 51.48	7/ 54.25	2/ 55.10	6/ 56.09	3/ 57.88	1/ 57.10 29/ 57.94	14/ 57.69
1995	5/ 57.34	6/ 57.07	1/ 56.76	11/ 56.30	2/ 56.66	5/ 55.24	5/ 55.03	1/ 55.65	12/ 57.82	11/ 57.66		

7-5

LAKE PREVATT BOOK 10 4 DIST. 2 SEC. 35, TWP. 20 S., RNG. 28 E.

B.M. ELEV. 59.750 DESCRIPTION B-76-026- 30 P. NAIL IN THE S.W. FACE OF 32" OAK TREE 40'± N. OF ℄ OF WELCH RD. & 700'± W. OF THOMPSON RD. S.W. COR. OF LK. PREVATT.

MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH _____

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1976		2/ 52.01	26/ 51.51		27/ 50.09		26/ 52.30	27/ 52.74	30/ 54.06			
1977												
1978		13/ 53.95	31/ 54.13					54.80			3/ 53.45	
1979		13/ 53.00		25/ 52.54	19/ 53.43	19/ 52.92	29/ 52.81		9/ 55.33	23/ 55.95		
1980							9/ UR 52.52		9/ 51.16	28/ 50.01		3/ 49.82
1981	23/ 48.63	25/ DRY 47.45	20/ DRY	22/ DRY		1/ DRY	8/ DRY	4/ DRY	3/ DRY HIGH WEEDS	7/ DRY HIGH WEEDS	11/ DRY HIGH WEED	18/ DRY HIGH WEED
1982		23/ DRY HIGH WEEDS	26/ DRY HIGH WEEDS	13/ DRY HIGH WEEDS	24/ DRY HIGH WEEDS	29/ 51.81	23/ 52.41		10/ 53.12	26/ 54.45	23/ 53.86	9/ 54.70
1983	12/ 53.95	24/ 55.15	30/ 56.02	26/ 56.87		2/ 55.87	8/ 56.90	3/ 56.42	2/ 56.90	5/ 56.85	8/ 57.04	5/ 56.54
1984	13/ 57.16	3/ 56.94	8/ 56.69	4/ 56.21	8/ 55.46 31/ 54.88	29/ 54.17		2/ 55.61 31/ 56.14	26/ 55.95		8/ 54.82	6/ 54.18
1985	9/ 53.41	4/ 52.80	6/ 51.98	3/ 51.22	17/ 49.97		8/ 49.31 All most DRY	14/ 52.19	5/ 53.86	10/ 54.35	6/ 53.53	19/ 53.09
1986		20/ 54.58		7/ 53.89	9/ 52.64	13/ 51.76		6/ 53.67	8/ 55.66	3/ 55.21	11/ 54.43	9/ 53.91

5-12-11

Pg 2

LAKE PREVATT BOOK 10 DIST. 2 SEC. 35, TWP. 20 S., RNG. 28 E.

B.M. ELEV. 59.750 DESCRIPTION B-76-026-30P. NAIL IN THE S.W. FACE OF 32" OAK TREE 40'± N. OF ℄ OF WELCH RD & 700'± W. OF THOMPSON RD S.W. COR. OF LAKE

MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH _____

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1987	/	2/ 53.37	6/ 54.16	6/ 56.86	7/ 55.97	4/ 55.11	13/ 55.48	4/ 54.75	3/ 53.66	3/ 54.12	4/ 53.92	1/ 54.19
1988	5/ 53.63	3/ 54.98	14/ 55.10	6/ 55.11	4/ 54.21		Apparently Destroyed		SEE	NEW	LAKE	SHEET
1988	1/ 54.65	5/ 49.99	[illegible]	DRY								1/ 55.35

5-12-

LAKE PREVATT BOOK 4 DIST. 2 SEC. 35, TWP. 20 S., RNG. 28 E.

B.M. ELEV. 59.750 DESCRIPTION B-76-026- 30 P. NAIL IN THE S.W. FACE OF 32" OAK TREE 40'± N. OF ℄ OF WELCH RD. & 700'± W. OF THOMPSON RD. S.W. COR. OF LK. PREVATT.

MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH _____

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1976		2/ 52.01	26/ 51.51		27/ 50.09		26/ 52.30	27/ 52.74	30/ 54.06			
1977												
1978		17/ 53.95	31/ 54.13					11/ 54.30			3/ 53.45	
1979		13/ 53.00		23/ 52.54	19/ 53.43	19/ 52.92	20/ 52.81		7/ 55.33	23/ 55.95		
1980							9/ CLR 52.52		9/ 51.26	28/ 50.01		3/ 49.82
1981	23/ 48.62	25/ DRY 47.45	20/ DRY	22/ DRY		2/ DRY	8/ DRY	4/ DRY	3/ DRY HIGH WEEDS	7/ DRY HIGH WEEDS	11/ DRY HIGH WEED	18/ DRY HIGH WEED
1982		23/ DRY HIGH WEEDS	26/ DRY HIGH WEEDS	13/ DRY HIGH WEEDS	24/ DRY HIGH WEEDS	29/ 51.81	23/ 52.41	X	10/ 53.12	26/ 54.45	23/ 53.86	9/ 54.70
1983	12/ 53.95	24/ 55.15	30/ 56.02	26/ 56.87	X	2/ 55.87	8/ 56.90	3/ 56.42	2/ 56.90	5/ 56.85	8/ 57.04	5/ 56.54
1984	13/ 57.16	3/ 56.94	8/ 56.69	4/ 56.21	4/ 55.46 31/ 54.88	SEE	CURRENT	LK	BOOK			

5-123

LAKE PREVATT BOOK 5 DIST. 2 SEC. 35, TWP. 20 S., RNG. 28 E.

B.M. ELEV. 58.53 DESCRIPTION Nail in SW side of 30" oak tree on South side of lake, North side of Welch Road and 200' ± West of Thompson Road

MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH 57.49 (9/29/60)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1960	54.93								57.49		56.17	
1961	55.65	55.82	55.52	54.93								52.08
												-
1965											54.66	
1966					52.91							
1967			54.80			52.44				53.58		
1968	51.92			DRY	DRY		56.00					
1971								28/ 56.23				19/ 54.95
1972								14/ 54.54			16/ 51.35	
1973				30/ 51.74								5/ 51.26

LAKE DREAM BOOK 2 DIST. 2 SEC. 4, TWP. 21 S., RNG. 28 E.

B.M. ELEV. 118.49 DESCRIPTION Spike in 24" pine tree, 65'(+) east of lake, 30' south of lift station in park

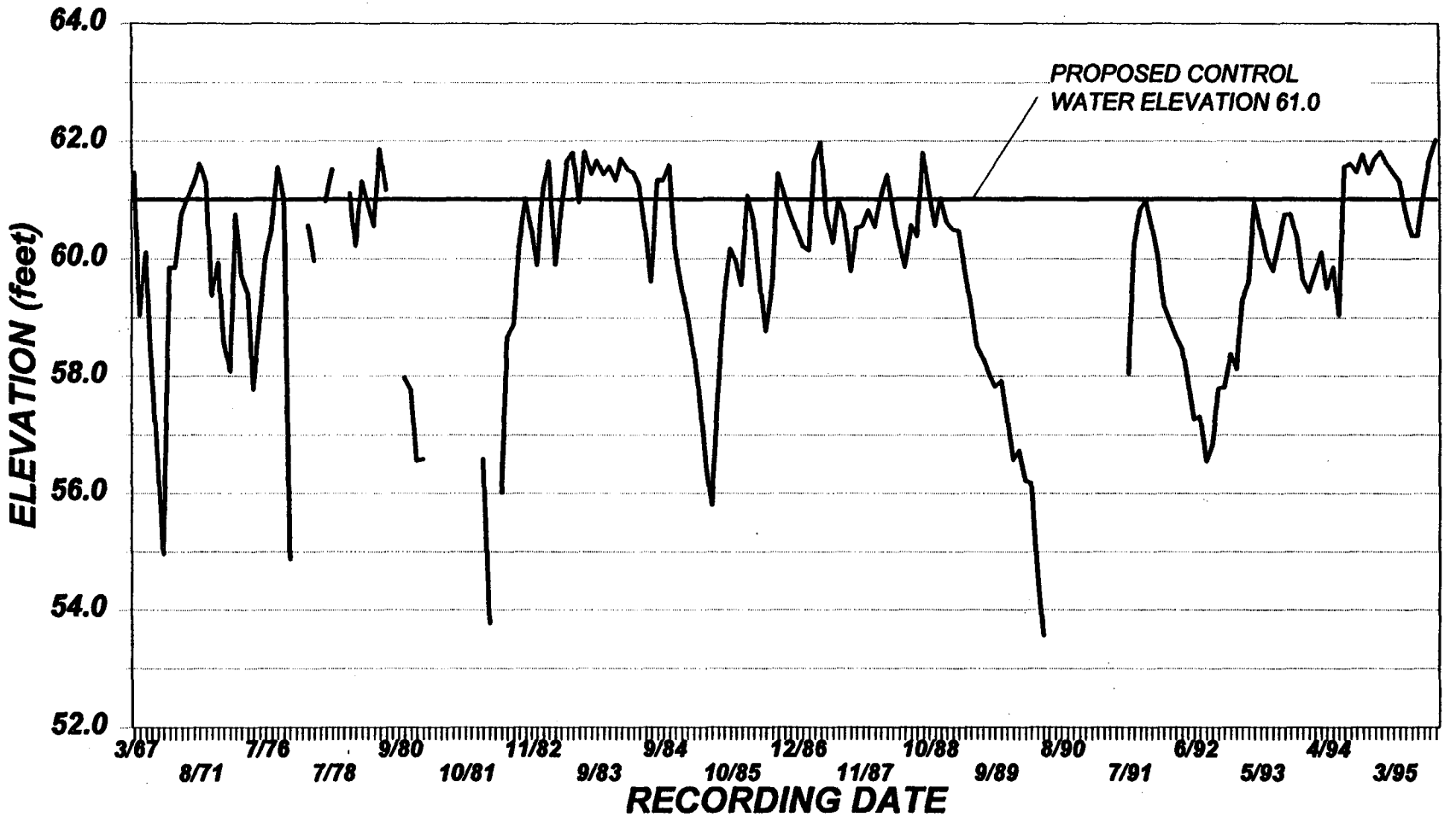
MAXIMUM _____ CONTROL _____ MINIMUM _____ BUILDING _____ HIGH ~~115.27~~ (7/12/68) 115.28 (12/10/73)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1960									115.25			115.05
1961	115.20	115.18	114.98				114.15					114.72
1966					114.70							
1967			114.80			114.54				114.78		
1968	114.60			114.49	113.51		115.27					
1971											9/ 115.14	
1972						2/ 115.27						12/ 114.91
1973				3/ 115.01								10/ 115.28

S-12

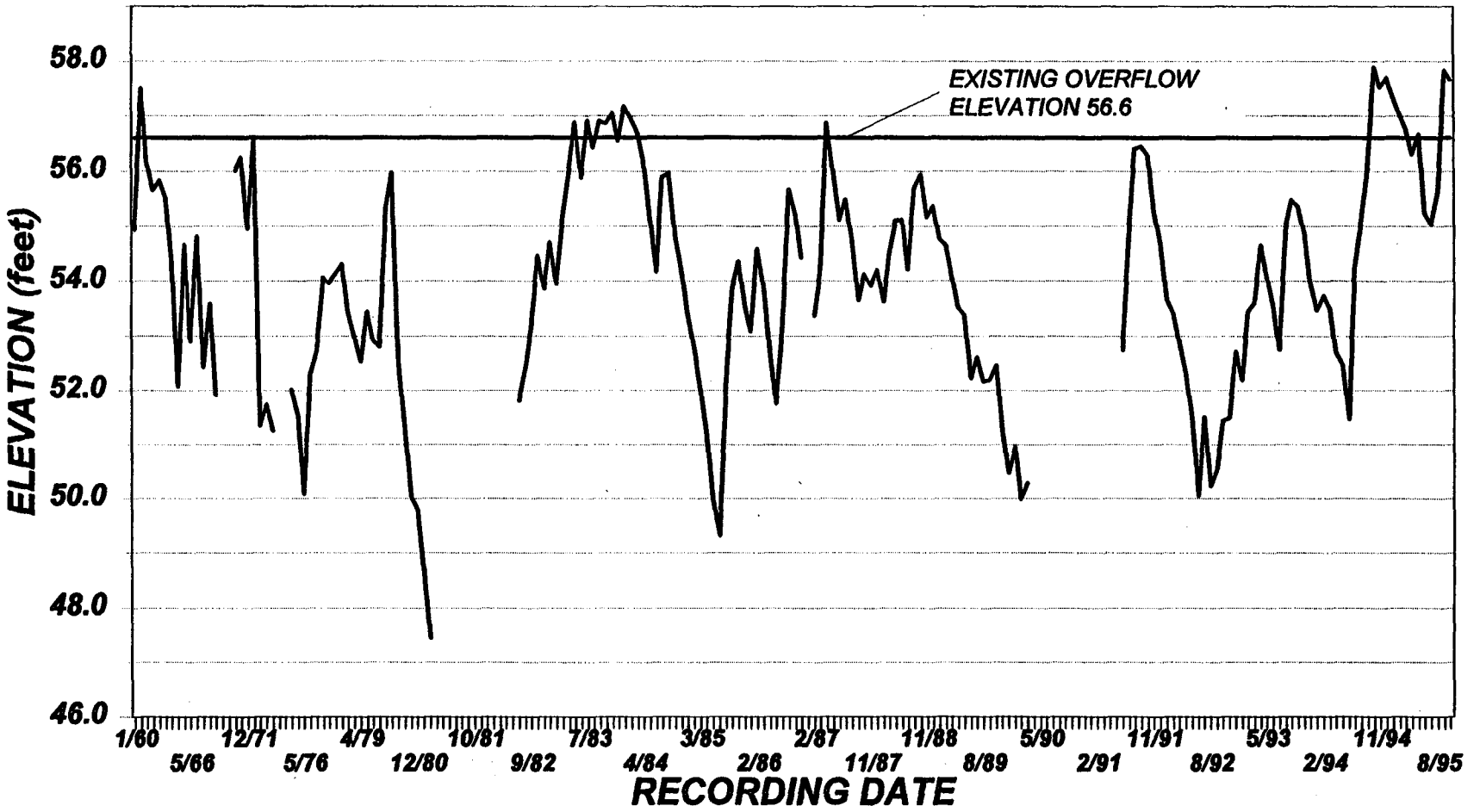
NORTH LAKE McCOY

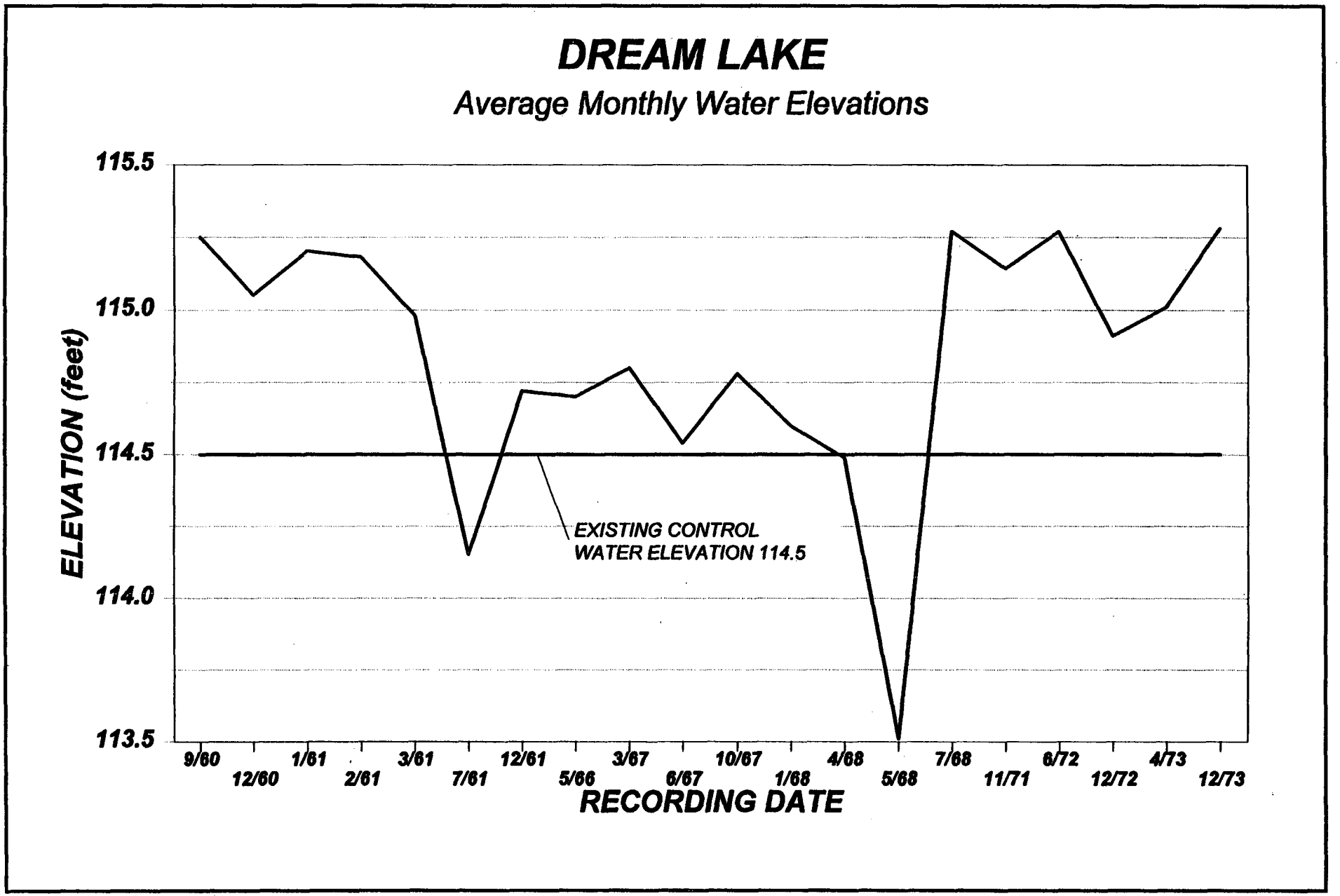
Average Monthly Water Elevations

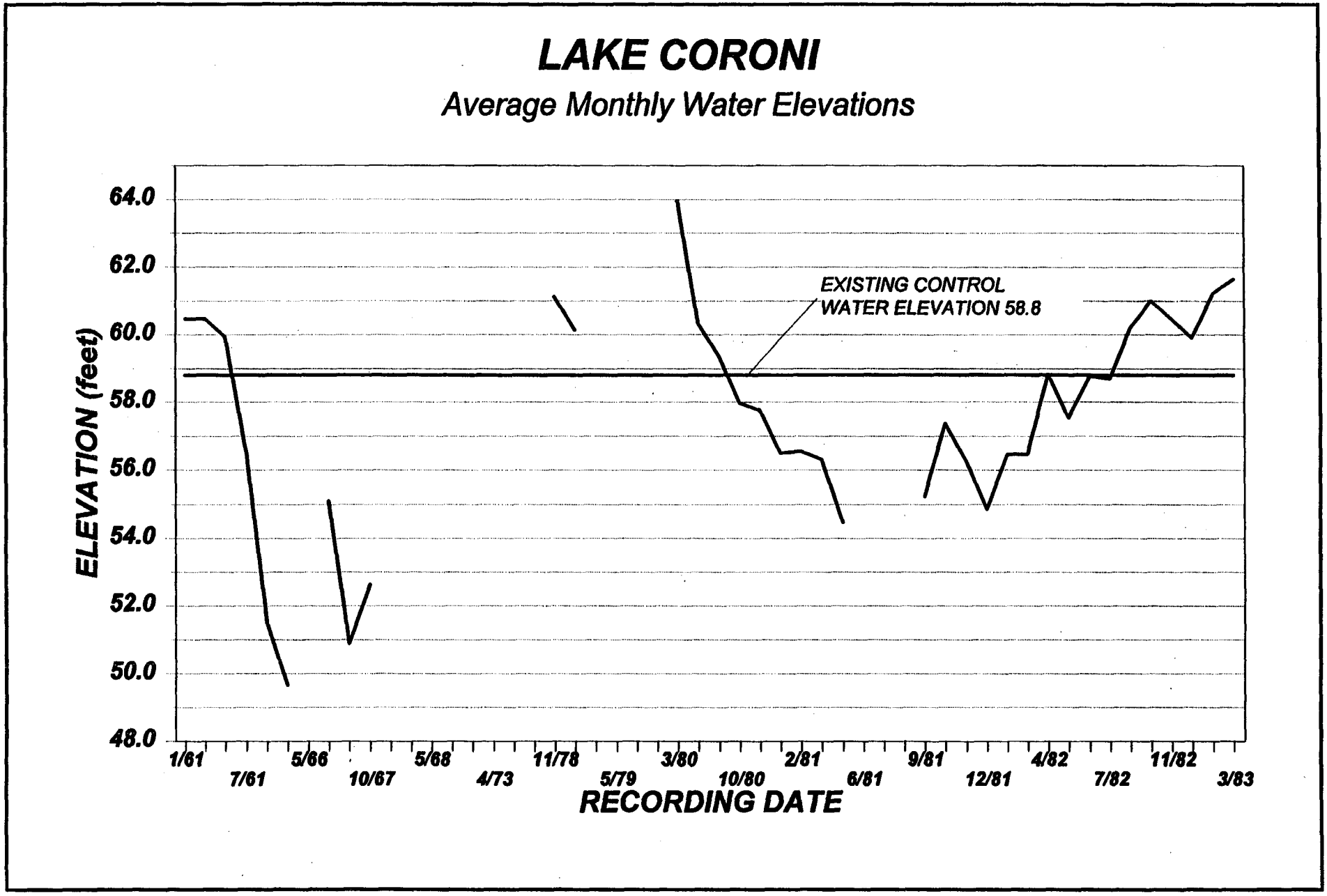


LAKE PREVATT

Average Monthly Water Elevations




DREAM LAKE
Average Monthly Water Elevations
115.5
115.0
114.5
114.0
113.5
ELEVATION (feet)
EXISTING CONTROL
WATER ELEVATION 114.5
9/60
12/60
1/61
2/61
3/61
7/61
12/61
5/66
3/67
6/67
10/67
1/68
4/68
5/68
7/68
11/71
6/72
12/72
4/73
12/73
RECORDING DATE


LAKE CORONI
Average Monthly Water Elevations
ELEVATION (feet)
64.0
62.0
60.0
58.0
56.0
54.0
52.0
50.0
48.0
EXISTING CONTROL
WATER ELEVATION 58.8
1/61
7/61
5/66
10/67
5/68
4/73
11/78
5/79
3/80
10/80
2/81
6/81
9/81
12/81
4/82
7/82
11/82
3/83
RECORDING DATE