

SUMMARY PRINTOUT

MATRIMONY CRK EDEN NC

SFCNO	CWSEL	EG	HSELK	TOPWID	QLOR	QCH	QROB	PERENC	STENCL	STCHL	STCHR
195.00	515.35	516.41	515.35	779.73	915.59	9363.27	2621.14	0.00	0.00	1046.00	1099.0
195.00	516.35	517.31	516.35	740.51	85.02	9395.41	3419.57	830.00	1042.50	1046.00 ¹⁰⁷⁵	1099.0
220.00	515.43	516.46	0.00	787.39	924.67	9312.25	2663.08	0.00	0.00	1046.00	1099.0
220.00	516.40	517.35	0.00	744.39	85.04	9368.17	3446.79	830.00	1042.50	1046.00 ¹⁰⁷⁵	1099.0
245.00	515.50	516.51	0.00	794.73	933.31	9263.43	2703.26	0.00	0.00	1046.00	1099.0
245.00	516.46	517.40	0.00	750.39	83.07	9326.16	3488.76	830.00	1042.50	1046.00 ¹⁰⁷⁵	1099.0
270.00	515.57	516.56	0.00	801.80	941.56	9216.56	2741.88	0.00	0.00	1046.00	1099.0
270.00	516.51	517.43	0.00	754.14	85.09	9299.93	3514.98	830.00	1042.50	1046.00 ¹⁰⁷⁵	1099.0
2000.00	518.25	518.45	0.00	943.41	7921.35	4464.33	514.32	0.00	0.00	2143.00	2190.0
2000.00	519.15	519.32	0.00	580.00	8620.38	4279.61	0.00	580.00	1606.50	2143.00 ²¹⁶⁷	2190.0
3600.00	519.59	520.72	0.00	438.02	2100.94	8217.01	2582.05	0.00	0.00	1725.00	1780.0
3600.00	520.51	521.73	0.00	260.00	1918.66	8788.67	2192.67	260.00	1592.50	1725.00 ¹⁷⁵³	1780.0
4200.00	521.01	522.35	0.00	258.05	134.10	9386.28	3379.61	0.00	0.00	1025.00	1080.0
4200.00	521.94	523.07	0.00	240.00	199.55	9212.16	3488.28	240.00	962.50	1025.00 ¹⁰⁵³	1080.0
4500.00	521.17	524.35	0.00	136.65	21.80	12878.20	0.00	0.00	0.00	788.00	900.0
4500.00	522.06	524.65	0.00	129.05	55.83	12844.17	0.00	189.50	764.50	788.00 ⁸⁷⁴	900.0
4722.00	522.90	525.76	0.00	134.47	211.65	12565.03	123.31	0.00	0.00	1306.00	1367.0
4722.00	523.13	525.09	0.00	147.38	228.40	12536.41	135.19	180.00	1256.50	1306.00 ¹³³⁷	1367.0
4772.00	524.92	526.24	0.00	620.56	66.38	12526.43	307.19	0.00	0.00	1275.00	1393.0
4772.00	524.91	526.33	0.00	160.00	4.24	12819.27	76.49	160.00	1274.00	1275.00 ¹³³⁴	1393.0
4773.00	524.65	526.43	0.00	114.00	0.00	12800.00	0.00	0.00	0.00	1275.00	1393.0
4773.00	524.70	526.48	0.00	114.00	0.00	12800.00	0.00	160.00	1274.00	1275.00 ¹³³⁷	1393.0
4827.00	524.83	526.61	0.00	114.00	0.00	12800.00	0.00	0.00	0.00	1275.00	1393.0
4827.00	524.88	526.65	0.00	114.00	0.00	12800.00	0.00	160.00	1274.00	1275.00 ¹³³⁴	1393.0
4828.00	525.50	526.72	0.00	118.00	0.00	12800.00	0.00	0.00	0.00	1275.00	1393.0
4828.00	525.50	526.77	0.00	118.00	0.00	12800.00	0.00	160.00	1274.00	1275.00 ¹³³⁴	1393.0
4878.00	525.38	526.98	0.00	655.31	422.62	11661.48	715.90	0.00	0.00	1306.00	1367.0
4878.00	525.32	527.12	0.00	160.00	340.02	12114.18	345.79	160.00	1276.50	1306.00 ¹³³⁷	1367.0
6000.00	528.29	528.84	0.00	354.04	2697.56	7663.69	2238.76	0.00	0.00	1410.00	1470.0
6000.00	528.50	529.19	0.00	250.00	2508.76	8346.39	1744.86	250.00	1280.00	1410.00 ¹⁴⁴⁰	1470.0
7200.00	529.68	531.17	0.00	247.55	2395.39	9336.81	867.80	0.00	0.00	1681.00	1734.0
7200.00	529.98	531.94	0.00	130.00	2066.30	10361.64	172.06	130.00	1607.50	1681.00 ¹⁷⁰³	1734.0
7600.00	531.00	532.14	0.00	263.09	2616.14	8994.31	989.54	0.00	0.00	1681.00	1734.0
7600.00	531.71	533.03	531.00	147.33	2355.57	9715.63	528.80	.09	1598.92	1681.00 ¹⁷⁰⁸	1734.0
8100.00	531.77	533.35	0.00	156.68	2315.96	9053.73	1030.31	0.00	0.00	168.00	203.0
8100.00	532.58	534.12	531.77	114.54	2178.56	9194.26	1027.18	.05	121.04	168.00 ¹⁸²	203.0

Left
Side

AVENUE = Center
Line

1872

2165
2184

1752
1853

1203

954

1436

1434

139434

1434

1434

1437

1442
1530

1738

170
1746

1735

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SECNO	CWSEL	EG	WSELK	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	
8300.00	531.93	534.17	0.00	145.84	2100.89	9502.88	796.23	0.00	0.00	168.00	203.0	180
8300.00	532.71	534.87	531.93	107.10	1953.43	9618.99	827.58	.05	123.05	168.00	203.0	230
* 8600.00	531.99	537.03	0.00	123.10	1456.57	10561.84	381.59	0.00	0.00	168.00	203.0	
8600.00	532.83	537.24	531.99	99.96	1483.89	10452.97	463.14	.03	122.34	168.00	203.0	222
* 8900.00	536.31	541.33	0.00	123.24	1461.75	10554.49	383.77	0.00	0.00	168.00	203.0	
8900.00	536.19	541.45	536.31	100.16	1336.91	10663.63	399.46	.03	122.30	168.00	203.0	223
* 9100.00	539.31	544.33	0.00	123.20	1460.38	10556.43	383.19	0.00	0.00	168.00	203.0	
9100.00	539.22	544.45	539.31	100.11	1341.89	10656.63	401.48	.03	122.31	168.00	203.0	222
* 9400.00	543.51	548.53	0.00	123.21	1460.75	10555.91	383.34	0.00	0.00	168.00	203.0	
9400.00	543.41	548.65	543.51	100.12	1340.55	10658.51	400.94	.03	122.31	168.00	203.0	222
* 9700.00	547.81	552.83	0.00	123.21	1460.65	10556.05	383.30	0.00	0.00	168.00	203.0	
9700.00	547.71	552.95	547.81	100.12	1340.91	10658.00	401.09	.03	122.31	168.00	203.0	222
10082.00	553.67	556.38	0.00	152.10	0.00	12400.00	0.00	0.00	0.00	300.00	490.0	490
10082.00	553.74	555.56	553.67	117.86	0.00	12400.00	0.00	0.00	300.00	300.00	490.0	395
10118.00	554.80	556.70	0.00	155.33	0.00	12300.00	0.00	0.00	0.00	300.00	490.0	
10118.00	555.60	557.13	554.80	157.60	0.00	12300.00	0.00	0.00	0.00	300.00	490.0	395
10318.00	556.89	557.83	0.00	310.37	3003.66	9162.21	134.13	0.00	0.00	363.00	435.0	
10318.00	557.19	558.16	556.89	178.02	2969.72	9330.28	0.00	.11	256.98	363.00	435.0	386 435
10800.00	558.29	559.97	0.00	264.98	2260.39	9960.11	79.50	0.00	0.00	460.00	535.0	
10800.00	558.81	560.37	558.29	155.19	2337.68	9962.32	0.00	.12	379.81	460.00	535.0	497 535
* 11300.00	564.16	567.68	0.00	209.89	3794.32	7777.94	727.74	0.00	0.00	395.00	425.0	
11300.00	564.17	568.21	564.16	113.30	4240.68	8059.32	0.00	.12	311.70	395.00	425.0	410 425
11800.00	570.82	573.05	0.00	237.05	4378.76	7169.04	752.20	0.00	0.00	395.00	425.0	
11800.00	572.04	574.32	570.82	131.68	4516.13	7567.73	216.14	.11	295.62	395.00	425.0	427

CONTINENTAL AIRCRAFT CO. MOORE BROS. CO. MOORE, INC.

FLOODWAY DATA, MATRIMONY CRK EDEN NC
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
195.000	741.	3777.	3.4	516.4	515.4	1.0
220.000	744.	3810.	3.4	516.4	515.4	1.0
245.000	750.	3862.	3.3	516.5	515.5	1.0
270.000	754.	3894.	3.3	516.5	515.6	.9
2000.000	580.	6253.	2.1	519.1	518.3	.9
3600.000	260.	2448.	5.3	520.5	519.6	.9
4200.000	240.	2375.	5.4	521.9	521.0	.9
4500.000	129.	1030.	12.5	522.1	521.2	.9
4722.000	147.	1134.	11.4	523.1	522.9	.2
4772.000	160.	1414.	9.1	524.9	524.9	.0
4773.000	114.	1196.	10.7	524.7	524.6	.0
4827.000	114.	1196.	10.7	524.9	524.8	.0
4828.000	118.	1448.	8.6	525.6	525.5	.1
4878.000	160.	1508.	8.5	525.3	525.4	-.1
5000.000	250.	3045.	4.1	528.5	528.3	.2
7200.000	130.	1570.	8.0	530.0	529.7	.3
7600.000	147.	1992.	6.3	531.7	531.0	.7
8100.000	115.	1837.	6.8	532.6	531.8	.8
8300.000	107.	1526.	8.1	532.7	531.9	.8
8600.000	100.	1037.	12.0	532.8	532.0	.8
8900.000	100.	943.	13.1	536.2	536.3	-.1
9100.000	100.	946.	13.1	539.2	539.3	-.1
9400.000	100.	946.	13.1	543.4	543.5	-.1
9700.000	100.	946.	13.1	547.7	547.8	-.1
10082.000	118.	1147.	10.8	553.7	553.7	.0
10118.000	158.	1240.	9.9	555.6	554.8	.8

10310.000	178.	2028.	6.1	557.2	556.9	.3
10800.000	155.	1536.	8.0	558.8	558.3	.5
11300.000	113.	1021.	12.0	564.2	564.2	.0
11800.000	132.	1504.	8.2	572.0	570.8	1.2

POSSIBLE ERROR SECNO= 8600.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 8900.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 8900.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9100.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9100.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9400.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9400.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9700.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9700.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 11300.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 11300.00 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 11300.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 11300.00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

C EDEN NC FIA STUDY MATRIMONY CR
 J FPMS RR FIA STUDY EDEN NC
 T2 100 YR NATURAL
 T3 MATRIMONY CRK EDEN NC

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	HSEL	EQ
	-1.	2.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	515.350	-0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSEC4	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
J3	-1.000	110.000	200.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
QT	7.000	12900.000	12900.000	12900.000	12900.000	4300.000	9400.000	25000.000	-0.000	-0.000
NC	.120	.120	.040	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1042.500	1872.500
X1	195.000	15.000	1046.000	1099.000	0.000	0.000	0.000	-0.000	-0.000	-0.000
GR	540.000	500.000	520.000	850.000	509.500	1000.000	507.800	1035.000	505.400	1046.000
GR	495.300	1050.000	495.300	1067.000	495.600	1079.000	495.100	1086.000	498.700	1088.000
GR	501.800	1095.000	505.700	1099.000	508.100	1110.000	508.900	1136.000	520.000	2100.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1042.500	1872.500
X1	220.000	-0.000	-0.000	-0.000	25.000	25.000	25.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1042.500	1872.500
X1	245.000	-0.000	-0.000	-0.000	25.000	25.000	25.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1042.500	1872.500
X1	270.000	-0.000	-0.000	-0.000	25.000	25.000	25.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1696.500	2186.500
X1	2000.000	25.000	2143.000	2190.000	1730.000	1730.000	1730.000	-0.000	-0.000	-0.000
GR	540.000	350.000	524.400	1600.000	521.300	1100.000	520.300	1200.000	517.300	1400.000
GR	513.500	1500.000	510.700	1600.000	510.300	1700.000	509.400	1800.000	507.400	1900.000
GR	502.000	1900.000	506.500	1912.000	509.300	2000.000	509.000	2100.000	507.500	2132.000
GR	506.100	2143.000	500.000	2155.000	500.400	2175.000	499.700	2185.000	510.200	2190.000
GR	510.200	2220.000	515.400	2256.000	518.900	2265.000	540.000	2340.000	560.000	2500.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1592.500	1852.500
X1	3600.000	27.000	1725.000	1780.000	1600.000	1600.000	1600.000	-0.000	-0.000	-0.000
GR	536.200	1000.000	532.100	1100.000	529.400	1200.000	526.200	1300.000	523.100	1353.000
GR	524.500	1374.000	523.500	1400.000	521.700	1438.000	518.800	1463.000	518.400	1487.000
GR	517.700	1500.000	516.500	1533.000	515.600	1572.000	513.400	1644.000	513.900	1700.000
GR	514.800	1725.000	512.700	1730.000	502.500	1739.000	502.600	1752.000	504.100	1770.000
GR	509.500	1780.000	510.200	1800.000	510.700	1871.000	521.800	1900.000	525.700	1908.000
GR	538.400	1930.000	546.700	1947.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	962.500	1202.500
X1	4200.000	16.000	1025.000	1080.000	600.000	600.000	600.000	-0.000	-0.000	-0.000

CONTINUED ON NEXT PAGE

GR	560.000	-0.000	540.000	150.000	540.000	400.000	520.000	1000.000	514.800	1025.000
GR	512.400	1030.000	502.200	1039.000	502.500	1022.000	507.000	1000.000	505.200	1030.000
GR	509.200	1081.000	509.800	1100.000	510.400	1171.000	520.000	1200.000	540.000	1750.000
GR	560.000	1950.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	764.500	954.000
X1	4500.000	13.000	788.000	900.000	300.000	300.000	300.000	-0.000	-0.000	-0.000
GR	560.000	0.000	540.000	500.000	520.000	767.000	520.900	788.000	515.300	806.000
GR	508.500	814.000	502.000	822.000	506.700	848.000	511.900	857.000	517.800	867.000
GR	523.100	900.000	540.000	1750.000	560.000	1950.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1256.500	1436.500
X1	4722.000	22.000	1306.000	1367.000	222.000	222.000	222.000	-0.000	-0.000	-0.000
GR	545.100	1000.000	539.000	1100.000	531.400	1134.000	530.800	1151.000	526.600	1167.000
GR	522.800	1267.000	520.900	1288.000	515.400	1306.000	508.600	1314.000	502.000	1322.000
GR	506.700	1348.000	511.900	1357.000	517.800	1367.000	523.100	1400.000	523.600	1500.000
GR	524.000	1600.000	524.400	1700.000	524.300	1800.000	526.600	1915.000	530.400	2030.000
GR	533.400	2047.000	548.900	2100.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1274.000	1434.000
X1	4772.000	24.000	1275.000	1393.000	50.000	50.000	50.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	524.700	523.100	-0.000
GR	545.100	1000.000	539.000	1100.000	531.400	1134.000	530.800	1151.000	526.600	1167.000
GR	522.800	1267.000	521.800	1275.000	520.900	1268.000	515.400	1306.000	508.600	1314.000
GR	502.000	1322.000	506.700	1348.000	511.900	1357.000	517.800	1367.000	521.800	1393.000
GR	523.100	1400.000	523.600	1500.000	524.000	1600.000	524.400	1700.000	524.300	1800.000
GR	526.600	1915.000	530.400	2030.000	533.400	2047.000	548.900	2100.000	-0.000	-0.000
QT	7.000	12800.000	12800.000	12800.000	12800.000	4300.000	9400.000	24800.000	-0.000	-0.000
NC	.020	.020	.020	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1274.000	1434.000
X1	4773.000	30.000	1275.000	1393.000	1.000	1.000	1.000	-0.000	-0.000	-0.000
BT	11.000	0.000	560.000	524.700	1600.000	535.200	524.700	1275.000	528.200	524.700
BT	1393.000	526.600	523.100	1400.000	526.500	523.100	1500.000	525.800	523.100	1600.000
BT	525.800	523.100	1700.000	526.300	523.100	1800.000	527.500	523.100	1983.000	531.200
BT	523.100	3050.000	580.000	523.100	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
GR	560.000	0.000	535.200	1000.000	529.800	1200.000	528.200	1275.000	522.400	1275.000
GR	522.400	1281.000	517.800	1290.000	514.400	1306.000	508.600	1313.000	527.500	1313.000
GR	527.500	1315.000	508.600	1315.000	502.000	1332.000	504.700	1348.000	511.900	1353.000
GR	527.000	1353.000	527.000	1355.000	511.900	1355.000	517.800	1367.000	519.700	1384.000
GR	521.800	1387.000	521.800	1393.000	526.600	1393.000	526.500	1400.000	525.800	1500.000
GR	525.800	1600.000	526.300	1700.000	527.500	1800.000	531.200	1983.000	580.000	3050.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1274.000	1434.000
X1	4827.000	-0.000	-0.000	-0.000	54.000	54.000	54.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	1.000	-0.000	-0.000	-0.000
NC	.120	.120	.040	.200	.400	-0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1274.000	1434.000
X1	4828.000	24.000	1275.000	1393.000	1.000	1.000	1.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	528.200	526.600	-0.000
GR	545.100	1000.000	539.000	1100.000	531.400	1134.000	530.800	1151.000	526.600	1167.000
GR	522.800	1267.000	521.800	1275.000	520.900	1288.000	515.400	1306.000	508.600	1314.000
GR	502.000	1322.000	504.700	1348.000	511.900	1357.000	517.800	1367.000	521.800	1393.000
GR	523.100	1400.000	523.600	1500.000	524.000	1600.000	524.400	1700.000	524.300	1800.000
GR	526.600	1915.000	530.400	2030.000	533.400	2047.000	548.900	2100.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1276.500	1436.500
X1	4878.000	22.000	1306.000	1367.000	50.000	50.000	50.000	-0.000	-0.000	-0.000
GR	545.100	1000.000	539.000	1100.000	531.400	1134.000	530.800	1151.000	526.600	1167.000
GR	522.800	1267.000	520.900	1288.000	515.400	1306.000	508.600	1314.000	502.000	1322.000
GR	504.700	1348.000	511.900	1357.000	517.800	1367.000	523.100	1400.000	523.600	1500.000
GR	524.000	1600.000	524.400	1700.000	524.300	1800.000	526.600	1915.000	530.400	2030.000
GR	533.400	2047.000	548.900	2100.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
QT	7.000	12600.000	12600.000	12600.000	12600.000	4200.000	9200.000	24400.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1280.000	1530.000

COPY DATE INFORMATION FROM REPORTS PAGE 1

X1	6000,000	29,000	1410,000	1470,000	1122,000	1122,000	1122,000	-0,000	-0,000	-0,000
GR	593,700	1000,000	541,000	1100,000	528,800	1200,000	528,300	1215,000	528,700	1216,000
GR	523,200	1237,000	519,000	1300,000	517,800	1393,000	520,400	1400,000	520,800	1410,000
GR	516,500	1415,000	515,300	1419,000	508,000	1425,000	508,000	1445,000	508,500	1452,000
GR	510,200	1460,000	514,700	1462,000	516,900	1470,000	515,700	1500,000	516,200	1541,000
GR	518,100	1552,000	531,100	1577,000	531,500	1590,000	535,400	1830,000	535,000	1851,000
GR	536,000	1882,000	537,400	1900,000	539,800	1925,000	541,700	1956,000	-0,000	-0,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1607,500	1737,500
X1	7200,000	34,000	1681,000	1734,000	1200,000	1200,000	1200,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	596,900	1000,000	596,200	1100,000	586,300	1200,000	570,700	1300,000	555,600	1400,000
GR	543,800	1500,000	531,600	1547,000	528,900	1556,000	522,100	1586,000	522,700	1600,000
GR	519,200	1677,000	520,400	1681,000	516,000	1700,000	512,000	1703,000	511,000	1716,000
GR	510,600	1729,000	516,600	1734,000	519,200	1747,000	522,300	1751,000	529,600	1800,000
GR	541,300	1900,000	550,000	2000,000	553,300	2054,000	554,400	2100,000	555,500	2200,000
GR	554,000	2248,000	548,500	2312,000	557,600	2400,000	564,000	2500,000	575,300	2600,000
GR	578,600	2625,000	585,700	2700,000	589,300	2800,000	593,800	2900,000	-0,000	-0,000
ET	-0,000	-0,000	8,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	7600,000	-0,000	-0,000	-0,000	400,000	400,000	400,000	-0,000	-0,000	-0,000
QT	7,000	12400,000	12400,000	12400,000	12400,000	4200,000	9100,000	24200,000	-0,000	-0,000
ET	-0,000	-0,000	5,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	8100,000	12,000	168,000	203,000	500,000	500,000	500,000	-0,000	-0,000	-0,000
GR	545,300	0,000	534,300	100,000	520,000	118,000	517,100	168,000	509,500	171,000
GR	508,300	185,000	509,200	200,000	517,200	203,000	527,900	246,000	543,000	300,000
GR	547,600	324,000	559,800	400,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	8300,000	-0,000	-0,000	-0,000	200,000	200,000	200,000	-0,000	2,400	-0,000
ET	-0,000	-0,000	2,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	8600,000	-0,000	-0,000	-0,000	300,000	300,000	300,000	-0,000	4,500	-0,000
X1	8900,000	-0,000	-0,000	-0,000	300,000	300,000	300,000	-0,000	4,300	-0,000
X1	9100,000	-0,000	-0,000	-0,000	200,000	200,000	200,000	-0,000	3,000	-0,000
X1	9400,000	-0,000	-0,000	-0,000	300,000	300,000	300,000	-0,000	4,200	-0,000
X1	9700,000	-0,000	-0,000	-0,000	300,000	300,000	300,000	-0,000	4,300	-0,000
NC	,100	,100	,030	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
ET	-0,000	-0,000	8,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	10082,000	10,000	300,000	490,000	500,000	100,000	382,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	568,700	570,700	-0,000
GR	566,600	0,000	555,400	100,000	550,300	200,000	544,700	300,000	565,100	300,000
GR	537,100	385,000	537,100	405,000	567,000	490,000	570,100	500,000	575,500	600,000
SB	1,250	1,450	2,500	-0,000	20,000	5,000	2950,000	2,930	537,100	537,100
QT	7,000	12300,000	12300,000	12300,000	12300,000	4100,000	9000,000	23900,000	-0,000	-0,000
NC	,120	,120	,050	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	10118,000	-0,000	-0,000	-0,000	36,000	30,000	36,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	565,100	568,700	-0,000	-0,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	568,700	570,700	-0,000
BT	8,000	0,000	574,000	0,000	100,000	570,500	0,000	200,000	568,700	0,000
BT	300,000	568,800	0,000	300,000	568,800	565,100	490,000	570,700	567,000	500,000
BT	570,900	0,000	600,000	575,500	0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	10318,000	12,000	363,000	435,000	200,000	200,000	200,000	-0,000	3,700	-0,000
GR	566,600	0,000	555,400	100,000	550,300	200,000	541,300	363,000	539,100	378,000
GR	537,900	400,000	537,100	411,000	537,700	422,000	543,900	435,000	550,000	445,000
GR	570,100	500,000	575,500	600,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1 10800.000 12000 460.000 535.000 482.000 482.000 482.000 -0.000 -0.000 -0.000

GR 545.500 500.000 544.600 510.000 545.300 520.000 551.500 535.000 560.000 550.000

GR 580.000 650.000 600.000 750.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000

X1 11300.000 13.000 395.000 425.000 500.000 500.000 500.000 -0.000 -0.000 -0.000

GR 592.100 0.000 582.800 72.000 576.500 100.000 566.700 200.000 559.900 300.000

GR 556.600 330.000 556.900 395.000 549.900 400.000 542.200 415.000 549.700 422.000

GR 550.300 425.000 596.900 500.000 607.900 600.000 -0.000 -0.000 -0.000 -0.000

X1 11800.000 -0.000 -0.000 -0.000 500.000 500.000 500.000 -0.000 5.000 -0.000

EJ -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

T1 FPMS BR FIA STUDY EDEN NC
 T2 100 YR NATURALO 0000000 T3 MATRIMONY CRK EDEN NC

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS 0 WSEL FQ
 -10. 3. -0. -0. -0.000000 -0.00 -0.0 -0. 516.350 -0.000

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 15.000 -0.000 -1.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000

*PROF 2

CCHV= .200 CEHV= .400

*SECNO 195,000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VRQB	XN	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3470 ENCROACHMENT STATIONS= 1042.5 1872.5 TYPE= 1 TARGET= 830.000
 195.00 21.25 516.35 0.00 516.35 517.31 .96 0.00 0.00 505.40
 12900. 85. 9395. 3420. 37. 1022. 2718. 0. 0. 505.70
 .00 2.30 9.20 1.26 .120 .040 .120 0.000 495.10 1042.50
 .001532 0. 0. 0. 0 0 1 0.00 740.51 1783.01

*SECNO 220,000

3470 ENCROACHMENT STATIONS= 1042.5 1872.5 TYPE= 1 TARGET= 830.000
 220.00 21.30 516.40 0.00 0.00 517.35 .95 .04 .00 505.40
 12900. 85. 9368. 3447. 37. 1024. 2749. 2. 0. 505.70
 .00 2.28 9.15 1.25 .120 .040 .120 .038 495.10 1042.50
 .001511 25. 25. 25. 1 0 1 0.00 744.39 1786.89

*SECNO 245,000

3470 ENCROACHMENT STATIONS= 1042.5 1872.5 TYPE= 1 TARGET= 830.000
 245.00 21.36 516.46 0.00 0.00 517.40 .93 .04 .00 505.40
 12900. 85. 9326. 3489. 37. 1028. 2797. 4. 1. 505.70
 .00 2.28 9.07 1.25 .120 .040 .120 .038 495.10 1042.50
 .001480 25. 25. 25. 2 0 0.00 750.39 1792.89

*SECNO 270,000

3470 ENCROACHMENT STATIONS= 1042.5 1872.5 TYPE= 1 TARGET= 830.000

Left
Right
Bank
Dist

 INTERACTIVE HELP VERSION UPDATED FEB 1976
 ERROR CORRECTIONS: 01, 02, 03, 04, 05, 06, 07, 08, 09
 MODIFICATIONS: 50, 51, 52, 53, 54, 55, 56, 57, 58

C EDEN NC FIA STUDY MATRIMONY CR
 1 FRMS BR FIA STUDY EDEN NC
 T2 10 YR NATURAL
 T3 MATRIMONY CRK EDEN NC

J1	ICHECK	INC	NINV	IDIR	STRT	METRIC	HVING	WSEL	FO	
	-1.	6.	-0.	-0.	01800	-0.00	50.0	-0.	510.000	-0.000
J2	NPROP	IPLDT	PRVVS	XSECV	XSECH	FN	ALLOD	IBNS	CHNH	ITRACE
	1.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
J3	2.000	1.000	43.000	42.000	3.000	10.000	5.000	50.000	4.000	53.000
J3	54.000	25.000	0.000	01.000	20.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	12900.000	13900.000	12900.000	12900.000	4300.000	2400.000	25000.000	-0.000	-0.000
NC	.120	.120	.040	.200	.400	0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	0.000	-0.000	-0.000	1042.500	1872.500
X1	195.000	15.000	1744.000	11057.000	0.000	0.000	0.000	0.000	0.000	-0.000
GR	540.000	504.000	520.000	880.000	509.500	1000.000	1507.800	1035.000	505.400	1046.000
GR	495.300	1099.000	495.300	1067.000	495.600	1079.000	495.100	1086.000	498.700	1088.000
GR	501.000	1095.000	501.000	1099.000	508.100	1111.000	508.900	1136.000	520.000	2100.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1042.500	1872.500
X1	220.000	-0.000	0.000	-0.000	25.000	25.000	25.000	-0.000	0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	0.000	-0.000	-0.000	-0.000	1042.500	1872.500
X1	245.000	-0.000	-0.000	-0.000	25.000	25.000	25.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1042.500	1872.500
X1	270.000	-0.000	-0.000	-0.000	25.000	25.000	25.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1606.500	2186.500
X1	2000.000	25.000	2143.000	2190.000	1730.000	1730.000	1730.000	-0.000	-0.000	-0.000
GR	540.000	350.000	529.400	1000.000	521.300	1100.000	520.300	1200.000	517.300	1400.000
GR	513.500	1590.000	510.700	1600.000	510.300	1700.000	509.400	1800.000	507.400	1900.000
GR	502.000	1906.000	506.500	1912.000	503.300	2000.000	509.000	2100.000	507.500	2132.000
GR	506.100	2143.000	500.000	2155.000	500.400	2175.000	499.700	2185.000	510.200	2190.000
GR	510.200	2220.000	515.400	2256.000	518.900	2285.000	540.000	2340.000	560.000	2500.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	1592.500	1852.500
X1	3600.000	27.000	1725.000	1780.000	1600.000	1600.000	1600.000	-0.000	-0.000	-0.000
GR	536.200	1000.000	532.100	1100.000	529.400	1200.000	526.200	1300.000	523.100	1353.000
GR	524.500	1374.000	523.500	1400.000	521.700	1438.000	518.800	1463.000	518.400	1487.000
GR	517.700	1500.000	516.500	1533.000	515.000	1572.000	513.400	1644.000	513.900	1700.000
GR	514.800	1725.000	512.700	1730.000	502.500	1739.000	502.600	1752.000	504.100	1770.000
GR	509.500	1780.000	510.200	1807.000	510.700	1871.000	521.800	1900.000	525.700	1908.000
GR	539.400	1930.000	546.700	1947.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
ET	-0.000	-0.000	9.100	-0.000	-0.000	-0.000	-0.000	-0.000	962.500	1202.500
X1	4200.000	16.000	1025.000	1080.000	600.000	600.000	600.000	-0.000	-0.000	-0.000
GR	560.000	0.000	540.000	150.000	540.000	400.000	520.000	1000.000	514.800	1025.000
GR	512.400	1030.000	502.200	1039.000	502.300	1052.000	503.800	1070.000	509.200	1080.000

GR	502,200	1081,000	509,800	1100,000	510,400	1171,000	520,000	1200,000	540,000	1750,000
GR	560,000	1950,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	764,500	951,000
X1	4500,000	13,000	728,000	900,000	300,000	300,000	300,000	-0,000	-0,000	-0,000
GR	560,000	0,000	540,000	500,000	520,000	767,000	520,900	788,000	515,300	806,000
GR	508,500	814,000	502,000	822,000	506,700	848,000	511,900	857,000	517,800	867,000
GR	523,100	900,000	540,000	750,000	560,000	1950,000	-0,000	-0,000	-0,000	-0,000

X1	4722,000	22,000	1306,000	1367,000	222,000	222,000	222,000	-0,000	-0,000	-0,000
GR	545,100	1000,000	539,000	1100,000	531,400	1114,000	530,800	1151,000	526,600	1167,000
GR	522,800	1267,000	521,900	1288,000	515,400	1306,000	508,600	1314,000	502,000	1322,000
GR	506,700	1348,000	511,900	1357,000	517,800	1367,000	523,100	1400,000	523,600	1500,000
GR	524,000	1600,000	524,400	1700,000	524,300	1800,000	526,600	1915,000	530,400	2030,000
GR	533,400	2047,000	548,900	2100,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1274,000	1434,000

X1	4772,000	24,000	1275,000	1393,000	50,000	50,000	50,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	524,700	524,700	-0,000
GR	545,100	1000,000	539,000	1100,000	531,400	1134,000	530,800	1151,000	526,600	1167,000
GR	522,800	1267,000	521,800	1275,000	520,900	1288,000	515,400	1306,000	508,600	1314,000
GR	502,000	1322,000	506,700	1348,000	511,900	1357,000	517,800	1367,000	521,800	1393,000
GR	523,100	1400,000	523,600	1500,000	524,000	1600,000	524,400	1700,000	524,300	1800,000
GR	526,600	1915,000	530,400	2030,000	533,400	2047,000	548,900	2100,000	-0,000	-0,000
OT	7,000	12800,000	12800,000	12800,000	12800,000	4300,000	9400,000	24800,000	-0,000	-0,000
NC	.020	.020	.020	.200	.400	-0,000	-0,000	-0,000	-0,000	-0,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1274,000	1434,000

X1	4773,000	30,000	1275,000	1393,000	1,000	1,000	1,000	-0,000	-0,000	-0,000
BT	11,000	0,000	560,000	524,700	1000,000	535,200	524,700	1275,000	528,200	524,700
BT	1393,000	526,600	523,100	1400,000	526,500	523,100	1500,000	525,800	523,100	1600,000
BT	525,800	523,100	1700,000	526,300	523,100	1800,000	527,500	523,100	1983,000	531,200
BT	523,100	3050,000	580,000	523,100	-0,000	-0,000	-0,000	-0,000	00,000	-0,000
GR	560,000	0,000	535,200	1000,000	529,800	1200,000	528,200	1275,000	522,400	1275,000
GR	522,400	1281,000	517,800	1290,000	514,400	1306,000	508,600	1313,000	527,500	1313,000
GR	527,500	1315,000	508,600	1315,000	502,000	1332,000	504,700	1348,000	511,900	1353,000
GR	527,000	1353,000	527,000	1355,000	511,900	1355,000	517,800	1367,000	519,700	1384,000
GR	521,800	1387,000	521,800	1393,000	526,600	1393,000	526,500	1400,000	525,800	1500,000
GR	525,800	1600,000	526,300	1700,000	527,500	1800,000	531,200	1983,000	580,000	3050,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1274,000	1434,000

X1	4827,000	-0,000	-0,000	-0,000	54,000	54,000	54,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	1,000	-0,000	-0,000	-0,000
NC	.120	.120	.040	.200	.400	-0,000	2,000	-0,000	-0,000	-0,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1274,000	1434,000

X1	4828,000	24,000	1275,000	1393,000	1,000	1,000	1,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	10,000	-0,000	-0,000	528,200	526,600	-0,000
GR	545,100	1000,000	539,000	1100,000	531,400	1134,000	530,800	1151,000	526,600	1167,000
GR	522,800	1267,000	521,800	1275,000	520,900	1288,000	515,400	1306,000	508,600	1314,000
GR	502,000	1322,000	504,700	1348,000	511,900	1357,000	517,800	1367,000	521,800	1393,000
GR	523,100	1400,000	523,600	1500,000	524,000	1600,000	524,400	1700,000	524,300	1800,000
GR	526,600	1915,000	530,400	2030,000	533,400	2047,000	548,900	2100,000	-0,000	-0,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1276,500	1436,500

X1	4878,000	22,000	1306,000	1367,000	50,000	50,000	50,000	-0,000	-0,000	-0,000
GR	545,100	1000,000	539,000	1100,000	531,400	1134,000	530,800	1151,000	526,600	1167,000
GR	522,800	1267,000	520,900	1288,000	515,400	1306,000	508,600	1314,000	502,000	1322,000
GR	504,700	1348,000	511,900	1357,000	517,800	1367,000	523,100	1400,000	523,600	1500,000
GR	524,000	1600,000	524,400	1700,000	524,300	1800,000	526,600	1915,000	530,400	2030,000
GR	533,400	2047,000	548,900	2100,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	12600,000	12600,000	12600,000	12600,000	4200,000	9200,000	24400,000	-0,000	-0,000
ET	-0,000	-0,000	9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1280,000	1530,000

X1	6000,000	29,000	1410,000	1470,000	1122,000	1122,000	1122,000	-0,000	-0,000	-0,000
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X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	553,700	1000,000	541,000	1100,000	528,800	1200,000	528,300	1215,000	528,700	1215,000
GR	523,200	1237,000	519,000	1300,000	517,800	1393,000	520,400	1400,000	520,800	1410,000
GR	516,500	1415,000	515,300	1419,000	508,000	1425,000	508,000	1445,000	508,500	1452,000
GR	510,200	1460,000	514,700	1462,000	516,900	1470,000	515,700	1500,000	516,200	1541,000
GR	518,100	1552,000	531,100	1577,000	531,500	1590,000	535,400	1830,000	535,000	1851,000
GR	536,000	1882,000	537,400	1900,000	539,800	1925,000	541,700	1956,000	540,000	1851,000
			9,100	-0,000	-0,000	-0,000	-0,000	-0,000	1667,500	1737,500

X1	7200,000	34,000	1681,000	1734,000	1200,000	1200,000	1200,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	596,900	1000,000	596,200	1100,000	586,300	1200,000	570,700	1300,000	555,300	1400,000
GR	543,800	1500,000	531,600	1547,000	528,900	1556,000	522,100	1586,000	522,700	1600,000
GR	519,200	1677,000	520,400	1681,000	516,000	1700,000	512,000	1703,700	511,000	1716,000
GR	510,600	1729,000	516,600	1734,000	519,200	1747,000	522,300	1751,000	522,300	1800,000
GR	541,300	1900,000	550,000	2000,000	553,300	2054,000	554,400	2100,000	555,500	2200,000
GR	554,000	2248,000	548,500	2312,000	557,600	2400,000	564,000	2500,000	575,300	2600,000
GR	578,600	2625,000	585,700	2700,000	589,300	2800,000	593,800	2900,000	-0,000	-0,000
ET	-0,000	-0,000	8,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	7600,000	-0,000	-5,000	-0,000	400,000	400,000	400,000	-0,000	-0,000	-0,000
QT	7,000	12400,000	12400,000	12400,000	12400,000	4200,000	9100,000	24200,000	-0,000	-0,000
ET	-0,000	-0,000	5,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	8100,000	12,000	168,000	203,000	500,000	500,000	500,000	-0,000	-2,300	-0,000
GR	545,300	0,000	534,300	100,000	520,000	118,000	517,100	168,000	509,500	171,000
GR	508,300	185,000	509,200	200,000	517,200	203,000	527,900	246,000	543,000	300,000
GR	547,600	324,000	559,800	400,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	830,000	-0,000	-0,000	-0,000	200,000	200,000	200,000	-0,000	2,400	-0,000
ET	-0,000	-0,000	2,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	8600,000	-0,000	-0,000	-0,000	300,000	300,000	300,000	-0,000	500	-0,000
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X1	8700,000	-0,000	-0,000	-0,000	100,000	100,000	100,000	-0,000	1,400	-0,000
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X1	8800,000	-0,000	-0,000	-0,000	100,000	100,000	100,000	-0,000	1,400	-0,000
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X1	8900,000	-0,000	-0,000	-0,000	100,000	100,000	100,000	-0,000	1,500	-0,000
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X1	9000,000	-0,000	-0,000	-0,000	100,000	100,000	100,000	-0,000	1,500	-0,000
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X1	9100,000	-0,000	-0,000	-0,000	100,000	100,000	100,000	-0,000	1,500	-0,000
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X1	9200,000	-0,000	-0,000	-0,000	100,000	100,000	100,000	-0,000	1,400	-0,000
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X1	9400,000	-0,000	-0,000	-0,000	200,000	200,000	200,000	-0,000	2,800	-0,000
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X1	9700,000	-0,000	-0,000	-0,000	300,000	300,000	300,000	-0,000	4,300	-0,000
NC	.100	.100	.030	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
ET	-0,000	-0,000	8,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	10082,000	10,000	300,000	490,000	500,000	100,000	382,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	568,700	570,700	-0,000
GR	566,600	0,000	555,400	100,000	550,300	200,000	544,700	299,900	565,100	300,000
GR	537,100	385,000	537,100	405,000	567,000	490,000	570,100	500,000	575,500	600,000
SB	1,250	1,450	2,500	-0,000	20,000	5,000	2950,000	2,930	537,100	537,100
QT	7,000	12300,000	12300,000	12300,000	12300,000	4100,000	9000,000	20900,000	-0,000	-0,000
NC	.120	.120	.050	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	10118,000	-0,000	-0,000	-0,000	36,000	36,000	36,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	565,100	568,700	-0,000	-0,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	568,700	570,700	-0,000
BT	8,000	0,000	574,000	0,000	100,000	570,500	0,000	200,000	568,700	0,000
BT	300,000	568,800	0,000	300,000	568,800	565,100	490,000	570,700	567,000	500,000
BT	570,900	0,000	600,000	575,500	0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	10318.000	12.000	363.000	435.000	200.000	200.000	200.000	-0.000	3.700	-0.000
GR	566.600	0.000	557.400	100.000	550.300	200.000	541.300	363.000	539.100	378.000
GR	537.900	400.000	537.100	411.000	537.700	422.000	543.900	435.000	550.000	445.000
GR	570.100	500.000	575.500	600.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	10800.900	12.000	460.000	535.000	482.000	482.000	482.000	-0.000	-0.000	-0.000
GR	600.000	20.000	580.000	100.000	500.000	250.000	548.800	460.000	546.800	480.000
GR	545.500	500.000	544.600	510.000	545.300	520.000	551.500	535.000	560.000	550.000
GR	580.000	650.000	600.000	750.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	11306.900	13.000	395.000	425.000	500.000	500.000	500.000	-0.000	-0.000	-0.000
GR	592.100	0.000	582.800	72.000	576.500	100.000	566.700	200.000	559.900	300.000
GR	556.600	330.000	556.900	395.000	549.900	400.000	549.200	415.000	549.700	422.000
GR	550.300	425.000	596.900	500.000	607.900	600.000	-0.000	-0.000	-0.000	-0.000
X1	11800.000	-0.000	-0.000	-0.000	500.000	500.000	500.000	-0.000	5.000	-0.000
EJ	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

[Handwritten scribbles and marks]

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

T1 FPMS BR FIA STUDY EDEN NC
 T2 50 YR NATURAL
 T3 MATRIMONY CRK EDEN NC

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	H'INS	Q	WSEL	FQ
	-10.	7.	-0.	-0.	.001800	*0.00	*0.0	*0.	512.000	*0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNTH	ITRACE
	2.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	*0.000	-0.000

*PROF 2

CCHV= .200 CEHV= .400

*SECNO 195.000

SECNO	DEPTH	QWSEL	CRINS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOS	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	ALCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
195.00	18.35	513.45	0.00	512.00	514.49	1.03	0.00	0.00	505.40
9400.	485.	7768.	1147.	355.	868.	1102.	0.	0.	505.70
0.00	1.36	8.95	1.03	.120	.040	.120	0.000	495.10	943.57
.001802	0.	0.	0.	0	0	4	0.00	588.05	1531.56

*SECNO 220.000

220.00	18.43	513.53	0.00	0.00	514.53	1.01	.04	.00	505.40
9400.	492.	7733.	1175.	363.	872.	1133.	1.	0.	505.70
.00	1.36	8.87	1.04	.120	.040	.120	.038	495.10	942.48
.001759	25.	25.	25.	2	0	1	0.00	595.33	1537.80

*SECNO 245.000

245.00	18.50	513.60	0.00	0.00	514.58	.99	.04	.00	505.40
9400.	499.	7698.	1202.	370.	878.	1164.	3.	1.	505.70
.00	1.35	8.79	1.03	.120	.040	.120	.038	495.10	941.49
.001721	25.	25.	25.	2	0	1	0.00	602.35	1543.83

*SECNO 270.000

*** SECTION #1 ***

270.00	18.56	513.66	0.00	0.00	514.62	.97	.04	.00	505.40
9400.	506.	7665.	1229.	377.	879.	1194.	4.	1.	505.70
.00	1.34	8.72	1.03	.120	.040	.120	.038	495.10	940.53
.001582	25.	25.	25.	2	0	1	0.00	609.14	1549.66

*SECNO 2900.000

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

T1 FPMS BR-FIA STUDY EDEN NC
 T2 500 YR NATURAL
 T3 MATRIMONY CRK EDEN NC

J1 ICHECK INO NINV IDIR STRT METRIC HVINS 0 WSEL FQ

-10. 8. -0. -0. 001800 -0.00 -0.00 -0. 518.000 -0.000

J2 NPROF IPILOT PRFVS YSECV XSECH FN ALLDC IBW CHNIN ITRACE

15.000 -0.000 -1.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000

*PROF 4

CCHV= .200 CHV= .400

*SECNO 195,000

SECNO	DEPTH	WSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	TENDST

195.00	24.50	519.60	0.00	518.00	520.64	1.04	0.00	0.00	505.40
25000.	2540.	13273.	9187.	1255.	1194.	5401.	0.	0.	505.70
0.00	2.02	11.12	1.70	.120	.040	.120	0.000	495.10	855.70
.001819	0.	0.	0.	0	0	0	0.00	1209.68	2065.37

*SECNO 220,000

220.00	24.57	519.67	0.00	0.00	520.69	1.02	.04	.00	505.40
25000.	2549.	13204.	9246.	1269.	1198.	5471.	1.5	1.	505.70
.00	2.01	11.02	1.69	.120	.040	.120	.038	495.10	854.67
.001781	25.	25.	25.	2	0	1	0.00	1216.92	2071.60

*SECNO 245,000

245.00	24.64	519.74	0.00	0.00	520.74	1.00	.04	.00	505.40
25000.	2558.	13139.	9303.	1282.	1207.	5538.	9.	1.	505.70
.00	2.00	10.94	1.68	.120	.040	.120	.038	495.10	853.68
.001745	25.	25.	25.	2	0	1	0.00	1223.92	2077.60

*SECNO 270,000

*** SECTION =1 ***

270.00	24.71	519.81	0.00	0.00	520.79	.98	.04	.00	505.40
25000.	2567.	13076.	9357.	1295.	1205.	5604.	14.	2.	505.70
.00	1.98	10.85	1.67	.120	.040	.120	.038	495.10	853.73
.001712	25.	25.	25.	2	0	1	0.00	1230.69	2083.42

*SECNO 2000,000

SUMMARY PRINTOUT

MATRIMONY CRK EDEN NC

SECNO	CHSEL	Q	ELMIN	EG	HV	10K+S	DIFWSP	TOPWID	SSTA	ENDST	VCH
195.00	508.46	4300.00	495.10	509.24	.77	18.28	0.00	100.53	1021.32	1121.85	7.0
195.00	513.45	9400.00	495.10	514.49	1.03	18.02	4.99	388.05	943.51	1531.56	8.9
195.00	515.35	12900.00	495.10	516.41	1.06	18.17	1.90	779.73	916.43	1696.16	9.6
195.00	519.60	25000.00	495.10	520.64	1.04	18.19	4.25	1209.68	855.70	2065.37	11.1
220.00	508.52	4300.00	495.10	509.28	.76	18.02	0.00	102.96	1020.38	1123.35	7.0
220.00	513.53	9400.00	495.10	514.53	1.01	17.59	5.01	595.33	942.48	1537.80	8.8
220.00	515.43	12900.00	495.10	516.46	1.04	17.73	1.90	787.39	915.35	1702.73	9.5
220.00	519.67	25000.00	495.10	520.69	1.02	17.81	4.25	1216.92	854.67	2071.60	11.0
245.00	508.57	4300.00	495.10	509.33	.76	17.73	0.00	105.78	1019.28	1125.06	7.0
245.00	513.60	9400.00	495.10	514.58	.99	17.20	5.02	602.05	941.49	1543.83	8.7
245.00	515.50	12900.00	495.10	516.51	1.01	17.31	1.90	794.73	914.31	1709.04	9.4
245.00	519.74	25000.00	495.10	520.74	1.00	17.45	1.24	1223.92	853.68	2077.60	10.9
270.00	508.63	4300.00	495.10	513.37	.75	17.45	0.00	100.58	1018.19	1126.78	6.9
270.00	513.66	9400.00	495.10	514.03	.97	16.82	5.04	609.14	940.53	1549.66	8.7
270.00	515.57	12900.00	495.10	516.56	.99	16.97	1.91	801.80	913.31	1715.11	9.4
270.00	519.81	25000.00	495.10	520.79	.98	17.12	4.24	1230.69	852.73	2083.42	10.8
2000.00	511.74	4300.00	499.70	512.09	.35	13.39	0.00	667.82	1562.84	2230.66	5.8
2000.00	516.37	9400.00	499.70	516.55	.19	6.86	4.62	839.36	1424.65	2263.99	5.3
2000.00	518.26	12900.00	499.70	518.45	.19	6.58	1.89	943.41	1336.21	2279.67	5.6
2000.00	522.53	25000.00	499.70	522.75	.22	7.07	4.27	1234.03	1060.42	2291.45	6.7
3600.00	514.35	4300.00	502.50	515.10	.75	24.89	0.00	265.68	1601.77	1860.53	7.5
3600.00	517.80	9400.00	502.50	518.85	1.04	27.54	3.45	391.55	1498.02	1889.57	9.6
3600.00	519.59	12900.00	502.50	520.72	1.13	27.30	1.78	438.02	1456.20	1894.22	10.5
3600.00	523.82	25000.00	502.50	525.28	1.46	25.39	4.24	535.82	1340.62	1904.15	11.0
4200.00	515.75	4300.00	502.20	516.21	.46	13.03	0.00	166.74	1027.42	1187.17	6.0
4200.00	519.28	9400.00	502.20	520.27	.99	20.41	3.53	194.39	1003.45	1197.83	9.1
4200.00	521.01	12900.00	502.20	522.35	1.34	24.44	1.73	258.05	939.71	1227.76	10.7
4200.00	525.22	25000.00	502.20	527.50	2.28	33.69	4.23	500.08	843.43	1343.52	11.7
4500.00	515.95	4300.00	502.00	517.13	1.18	38.82	0.00	29.96	803.91	863.87	8.7
4500.00	519.42	9400.00	502.00	521.94	2.52	74.55	3.47	81.43	792.72	877.15	12.7
4500.00	521.17	12900.00	502.00	524.35	3.18	89.36	1.75	133.65	751.35	888.00	14.3
4500.00	525.33	25000.00	502.00	530.05	4.73	92.06	4.15	316.04	695.90	1011.94	17.7
4722.00	516.94	4300.00	502.00	517.88	.95	26.99	0.00	64.58	1300.96	1365.54	7.8
4722.00	521.12	9400.00	502.00	523.16	2.04	36.63	4.18	102.20	1285.51	1327.71	11.5
4722.00	522.90	12900.00	502.00	525.76	2.86	44.04	1.78	134.47	1264.50	1398.77	13.7
4722.00	529.89	25000.00	502.00	531.55	1.66	21.97	6.99	859.63	1154.50	2014.33	12.5
4772.00	517.14	4300.00	502.00	518.03	.89	27.54	0.00	65.55	1300.96	1365.88	7.5
4772.00	522.14	9400.00	502.00	523.49	1.35	37.76	5.09	114.10	1275.00	1394.83	9.3
4772.00	524.92	12900.00	502.00	526.24	1.32	27.69	2.77	619.56	1211.29	1830.85	9.3
4772.00	530.93	25000.00	502.00	531.79	.87	13.72	6.01	885.54	1147.44	2032.98	8.7
4773.00	517.10	4300.00	502.00	518.06	.95	12.19	0.00	68.31	1293.77	1365.58	7.8
4773.00	522.12	9400.00	502.00	523.51	1.39	14.87	5.02	107.45	1281.55	1393.00	9.4
4773.00	524.65	12800.00	502.00	526.43	1.78	33.07	2.53	114.00	1275.00	1393.00	10.7
4773.00	531.32	24800.00	502.00	531.86	.53	9.05	6.68	842.60	1143.28	1985.88	5.4

SECMG	GWSEL	Q	FL-SD	FG	HV	10K+S	DIFWSP	TOPWID	SSTA	ENDST	VCH
4827.00	517.20	4300.00	502.00	518.13	.93	11.86	0.00	68.99	1292.80	1365.79	7.7
4827.00	522.24	9400.00	502.00	523.59	1.35	14.33	5.04	107.69	1281.31	1393.00	9.3
4827.00	524.83	12800.00	502.00	526.60	1.78	33.20	2.58	114.00	1275.00	1393.00	10.7
4827.00	531.39	24800.00	502.00	531.91	.52	8.73	6.56	846.22	1141.00	1987.22	5.3
4828.00	517.42	4300.00	502.00	518.17	.74	21.24	0.00	66.98	1299.38	1366.36	6.9
4828.00	522.46	9400.00	502.00	523.63	1.17	31.80	5.04	118.00	1275.00	1396.56	8.6
4828.00	525.49	12800.00	502.00	526.72	1.22	22.87	3.03	118.00	1275.00	1393.00	8.8
4828.00	531.24	24800.00	502.00	532.01	.78	11.96	5.74	896.07	1138.66	2034.73	8.3
4878.00	517.52	4300.00	502.00	518.27	.75	18.87	0.00	67.42	1299.09	1366.51	6.9
4878.00	522.38	9400.00	502.00	523.91	1.54	23.79	4.86	123.82	1271.68	1395.50	10.0
4878.00	525.38	12800.00	502.00	526.97	1.59	20.78	3.00	655.02	1191.06	1854.08	10.6
4878.00	531.00	24800.00	502.00	532.23	1.15	14.87	5.70	890.70	1143.11	2033.84	10.7
6000.00	519.93	4200.00	508.00	520.64	.71	23.92	0.00	144.50	1411.01	1555.52	7.1
6000.00	525.48	9200.00	508.00	526.03	.54	12.74	5.55	337.94	1228.26	1566.21	7.1
6000.00	528.29	12600.00	508.00	528.84	.55	10.95	2.81	354.03	1217.57	1571.60	7.4
6000.00	533.02	24400.00	508.00	533.92	.89	14.29	4.73	518.45	1165.37	1683.82	10.0
7200.00	522.98	4200.00	510.60	523.94	.96	29.91	0.00	173.46	1582.11	1755.57	8.1
7200.00	527.20	9200.00	510.60	528.59	1.38	29.43	4.22	220.44	1563.48	1783.92	10.5
7200.00	529.68	12600.00	510.60	531.17	1.49	26.86	2.48	247.34	1553.38	1800.72	11.2
7200.00	534.66	24400.00	510.60	536.88	2.22	31.04	4.98	308.05	1535.21	1843.26	14.5
7600.00	524.26	4200.00	510.60	524.90	.64	17.40	0.00	187.73	1576.45	1764.18	6.8
7600.00	528.61	9200.00	510.60	529.61	1.00	19.30	4.34	236.02	1557.27	1793.36	9.1
7600.00	531.00	12600.00	510.60	532.14	1.14	19.00	2.40	263.08	1548.97	1812.05	10.0
7600.00	536.32	24400.00	510.60	538.03	1.71	22.27	5.31	328.71	1528.79	1857.50	13.0
8100.00	525.06	4200.00	510.60	526.02	.96	22.64	0.00	110.82	114.53	225.35	8.2
8100.00	529.33	9100.00	510.60	531.20	1.87	33.59	4.27	133.36	109.15	242.51	12.1
8100.00	531.57	12400.00	510.60	533.91	2.34	37.47	2.24	144.61	106.32	250.93	13.8
8100.00	536.44	24200.00	510.60	540.73	4.30	56.01	4.86	168.11	100.20	268.31	19.6
8300.00	525.28	4200.00	513.00	526.92	1.64	46.58	0.00	99.31	117.27	216.58	10.4
8300.00	529.63	9100.00	513.00	532.44	2.81	57.01	4.35	122.28	111.79	234.07	14.4
8300.00	531.89	12400.00	513.00	535.27	3.36	60.10	2.26	134.19	108.95	243.14	16.3
8300.00	536.99	24200.00	513.00	542.55	5.56	77.98	5.11	159.19	102.52	261.72	21.9
* 8600.00	526.43	4200.00	517.50	530.25	3.82	169.30	0.00	37.37	165.75	203.12	15.6
* 8600.00	532.04	9100.00	517.50	536.46	4.42	103.61	5.61	111.26	114.42	225.68	17.7
* 8600.00	534.29	12400.00	517.50	539.33	5.05	101.53	2.24	123.10	111.60	234.70	19.4
* 8600.00	540.29	24200.00	517.50	546.95	6.66	98.29	6.00	153.35	104.04	257.40	23.8
8700.00	528.79	4200.00	518.90	531.79	3.00	114.00	0.00	57.59	149.36	206.94	13.9
* 8700.00	533.47	9100.00	518.90	537.86	4.39	102.88	4.68	111.38	113.39	225.77	17.6
* 8700.00	535.71	12400.00	518.90	540.73	5.02	100.83	2.25	123.24	111.56	234.80	19.4
* 8700.00	541.73	24200.00	518.90	548.35	6.61	97.39	6.02	153.58	103.99	257.56	23.7
8800.00	529.85	4200.00	520.30	533.12	3.27	130.83	0.00	50.35	155.23	205.58	14.5
* 8800.00	534.86	9100.00	520.30	539.26	4.40	103.06	5.01	111.35	114.40	225.75	17.6
* 8800.00	537.11	12400.00	520.30	542.13	5.03	101.02	2.25	123.20	111.57	234.78	19.4
* 8800.00	543.12	24200.00	520.30	549.75	6.63	97.64	6.01	153.51	104.00	257.52	23.7

W/L 554

SECNO	CWSEL	ELMIN	EG	HV	10K*S	DIFWSP	TOPWID	SSTA	ENDST	VCH	
8900.00	531.10	4200.00	521.80	534.57	3.47	144.45	0.00	45.27	154.34	204.62	14.9
8900.00	536.36	9100.00	521.80	540.76	4.40	103.01	5.26	111.36	114.40	225.75	17.6
8900.00	538.61	12400.00	521.80	543.63	5.02	100.97	2.25	123.21	111.57	234.78	19.4
8900.00	544.62	24200.00	521.80	551.25	6.62	97.57	6.02	153.53	104.00	257.53	23.7
9000.00	532.53	4200.00	523.30	536.07	3.54	148.90	0.00	43.74	160.59	204.33	15.0
9000.00	537.86	9100.00	523.30	542.26	4.40	103.02	5.33	111.36	114.40	225.75	17.6
9000.00	540.11	12400.00	523.30	545.13	5.02	100.98	2.25	123.21	111.57	234.78	19.4
9000.00	546.12	24200.00	523.30	552.75	6.62	97.59	6.01	153.53	104.00	257.53	23.7
9100.00	534.01	4200.00	524.80	537.57	3.56	150.55	0.00	43.18	161.04	204.22	15.1
9100.00	539.36	9100.00	524.80	543.76	4.40	103.02	5.35	111.36	114.40	225.75	17.6
9100.00	541.61	12400.00	524.80	546.63	5.02	100.98	2.25	123.21	111.57	234.78	19.4
9100.00	547.62	24200.00	524.80	554.25	6.62	97.58	6.02	153.53	104.00	257.53	23.7
9200.00	535.81	4200.00	526.20	539.02	3.21	127.03	0.00	51.88	153.98	205.86	14.3
9200.00	540.76	9100.00	526.20	545.16	4.40	103.02	4.95	111.36	114.40	225.75	17.6
9200.00	543.01	12400.00	526.20	548.03	5.02	100.98	2.25	123.21	111.57	234.78	19.4
9200.00	549.02	24200.00	526.20	555.65	6.62	97.59	6.02	153.53	104.00	257.53	23.7
9400.00	538.36	4200.00	529.00	541.78	3.42	140.84	0.00	46.56	158.30	204.86	14.8
9400.00	543.55	9100.00	529.00	547.96	4.40	103.02	5.20	111.36	114.40	225.75	17.6
9400.00	545.81	12400.00	529.00	550.83	5.02	100.98	2.25	123.21	111.57	234.78	19.4
9400.00	551.82	24200.00	529.00	558.45	6.62	97.59	6.02	153.53	104.00	257.53	23.7
9700.00	542.61	4200.00	533.30	546.67	3.47	144.14	0.00	45.38	159.26	204.64	14.9
9700.00	547.86	9100.00	533.30	552.26	4.40	103.02	5.25	111.36	114.40	225.75	17.6
9700.00	550.11	12400.00	533.30	555.13	5.02	100.98	2.25	123.21	111.57	234.78	19.4
9700.00	556.12	24200.00	533.30	562.75	6.62	97.59	6.02	153.53	104.00	257.53	23.7
10002.00	547.38	4200.00	537.30	548.41	1.03	23.91	0.00	80.43	353.79	434.22	8.1
10002.00	553.94	9100.00	537.30	554.18	1.13	15.96	5.66	113.72	336.60	450.32	8.5
10002.00	555.84	12400.00	537.30	557.05	1.21	14.10	2.80	130.16	328.11	458.27	8.8
10002.00	563.33	24200.00	537.30	564.73	1.40	11.00	7.49	174.14	315.40	479.54	9.5
10112.00	547.61	4100.00	537.10	548.67	.86	53.00	0.00	82.95	352.49	435.44	7.4
10112.00	554.33	9000.00	537.10	554.37	1.04	39.94	5.52	115.43	335.72	451.15	8.1
10112.00	556.16	12300.00	537.10	557.23	1.13	36.11	2.77	131.70	327.32	459.02	8.5
10112.00	563.34	23900.00	537.10	564.87	1.33	28.62	7.44	175.44	3104.73	480.17	9.2
10300.00	546.92	4100.00	540.80	550.00	1.08	73.84	0.00	145.23	291.94	437.17	8.5
10300.00	554.10	9000.00	540.80	555.14	1.04	36.46	5.17	247.95	198.13	446.08	8.9
10300.00	556.96	12300.00	540.80	557.89	.93	26.42	2.86	311.96	141.96	453.92	8.8
10300.00	564.59	23900.00	540.80	565.39	.80	15.53	7.63	423.12	50.98	474.80	9.0
10300.00	552.65	4100.00	544.60	553.76	1.11	82.04	0.00	149.21	387.82	537.03	8.7
10300.00	556.11	9000.00	544.60	557.74	1.62	70.40	3.48	220.58	322.58	543.17	10.9
10300.00	558.33	12300.00	544.60	560.00	1.66	57.87	2.20	265.76	281.30	547.05	11.4
10300.00	565.27	23900.00	544.60	566.62	1.35	30.07	6.94	365.91	210.45	576.36	11.2
11300.00	556.92	4100.00	549.20	561.36	2.43	133.71	0.00	136.00	300.88	438.88	13.4
11300.00	562.54	9000.00	549.20	565.64	3.09	130.49	3.62	183.57	261.13	444.70	16.7
11300.00	564.15	12300.00	549.20	567.68	3.53	136.53	1.61	209.83	237.46	447.30	18.6
11300.00	568.46	23900.00	549.20	572.70	4.39	141.25	4.25	271.45	182.68	454.13	22.6

SECNO	CWSEL	Q	ELMIN	EO	NV	10K*S	DIFWSP	TOPHID	SSTA	ENDST	VCH
11800.00	565.00	4100.00	554.20	566.58	1.50	79.23	0.00	142.12	298.50	440.61	11.2
11800.00	568.85	9000.00	554.20	570.91	2.07	81.12	3.84	204.84	241.96	446.80	14.1
11800.00	579.82	12300.00	554.20	573.05	2.23	79.37	1.98	237.09	212.89	449.98	15.3
11800.00	575.64	23900.00	554.20	578.31	2.67	79.25	4.82	298.00	159.74	457.74	18.3

FLOOD INSURANCE ZONE DATA FOR MATRIMONY CRK EDEN NC

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10'	2'	0,2'
195.000	0.	-6.9	-1.9	4.3
220.000	25.	-6.9	-1.9	4.2
245.000	50.	-6.9	-1.9	4.2
270.000	75.	-6.9	-1.9	4.2
2000.000	1805.	-6.5	-1.9	4.3
3600.000	3405.	-5.2	-1.8	4.2
4200.000	4005.	-5.3	-1.7	4.2
4500.000	4305.	-5.2	-1.7	4.2
4722.000	4527.	-6.0	-1.8	7.0
4772.000	4577.	-7.8	-2.8	6.0
4773.000	4578.	-7.5	-2.5	6.7
4827.000	4632.	-7.6	-2.6	6.6
4828.000	4633.	-8.1	-3.0	5.7
4878.000	4683.	-7.9	-3.0	5.7
6000.000	5805.	-8.4	-2.8	4.7
7200.000	7005.	-6.7	-2.5	5.0
7600.000	7405.	-6.7	-2.4	5.3
8100.000	7905.	-6.5	-2.2	4.9
8300.000	8105.	-6.6	-2.3	5.1
8600.000	8405.	-7.9	-2.2	6.0
8700.000	8505.	-6.9	-2.2	6.0
8800.000	8605.	-7.3	-2.2	6.0
8900.000	8705.	-7.5	-2.2	6.0
9000.000	8805.	-7.6	-2.2	6.0
9100.000	8905.	-7.6	-2.2	6.0
9200.000	9005.	-7.2	-2.2	6.0
9400.000	9205.	-7.4	-2.2	6.0
9700.000	9505.	-7.5	-2.2	6.0
10082.000	9887.	-8.5	-2.8	7.5
10118.000	9923.	-8.3	-2.8	7.4
10318.000	10123.	-8.0	-2.9	7.6
10800.000	10605.	-5.7	-2.2	6.9
11300.000	11105.	-5.2	-1.6	4.2
11800.000	11605.	-5.8	-2.0	4.8

WEIGHTED AVG FOR REACH -6.7 -2.2 5.1

FHF FOR THE REACH = 0.65 WITH 66.3% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A13

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10'	1'	DIFF.			
1	0.	502.6	515.5	-6.9	0.70	100.	
	100.						

SEC. 195.000

	25.				SEC.	220,000	
	50.				SEC.	245,000	
	75.				SEC.	270,000	
2	200.	508.7	515.7	-6.9	-6.9	070	100.
3	300.	508.9	515.8	-6.9	-6.9	070	100.
4	400.	509.1	516.0	-6.9	-6.9	070	100.
5	500.	509.3	516.2	-6.9	-6.9	070	100.
6	600.	509.5	516.3	-6.8	-6.9	070	100.
7	700.	509.7	516.5	-6.8	-6.9	070	100.
8	800.	509.8	516.6	-6.8	-6.9	070	100.
9	900.	510.0	516.8	-6.8	-6.8	070	100.
10	1000.	510.2	516.9	-6.7	-6.8	070	100.
11	1100.	510.4	517.1	-6.7	-6.8	070	100.
12	1200.	510.6	517.2	-6.7	-6.8	070	100.
13	1300.	510.7	517.4	-6.7	-6.8	070	100.
14	1400.	510.9	517.5	-6.6	-6.8	070	100.
15	1500.	511.1	517.7	-6.6	-6.8	070	100.
16	1600.	511.3	517.9	-6.6	-6.6	070	100.
17	1700.	511.5	518.0	-6.6	-6.8	070	100.
18	1800.	511.6	518.2	-6.5	-6.7	065	100.
	1805.				SEC.	2000,000	
19	1900.	511.8	518.3	-6.5	-6.7	065	100.
20	2000.	512.0	518.4	-6.4	-6.7	065	100.
21	2100.	512.1	518.5	-6.3	-6.7	065	100.
22	2200.	512.3	518.5	-6.2	-6.7	065	100.
23	2300.	512.5	518.6	-6.2	-6.6	065	100.
24	2400.	512.6	518.7	-6.1	-6.6	065	100.
25	2500.	512.8	518.8	-6.0	-6.6	065	100.
26	2600.	513.0	518.9	-5.9	-6.6	065	100.
27	2700.	513.1	519.0	-5.8	-6.5	065	100.
28	2800.	513.3	519.0	-5.8	-6.5	065	100.
29	2900.	513.4	519.1	-5.7	-6.5	065	100.
30	3000.	513.6	519.2	-5.6	-6.5	065	100.
31	3100.	513.8	519.3	-5.5	-6.4	065	100.
32	3200.	513.9	519.4	-5.4	-6.4	065	100.
33	3300.	514.1	519.5	-5.4	-6.4	065	97.
34	3400.	514.3	519.5	-5.3	-6.3	065	97.
	3405.				SEC.	3600,000	
35	3500.	514.5	519.7	-5.2	-6.3	065	94.
36	3600.	514.7	519.9	-5.2	-6.3	065	94.
37	3700.	514.9	520.2	-5.2	-6.2	060	92.
38	3800.	515.2	520.4	-5.2	-6.2	060	100.
39	3900.	515.4	520.6	-5.3	-6.2	060	100.
40	4000.	515.6	520.9	-5.3	-6.2	060	100.
	4005.				SEC.	4200,000	
41	4100.	515.8	521.0	-5.3	-6.1	060	100.
42	4200.	515.8	521.1	-5.2	-6.1	060	100.
43	4300.	515.9	521.1	-5.2	-6.1	060	100.
	4305.				SEC.	4500,000	
44	4400.	516.2	521.5	-5.4	-6.1	060	100.
45	4500.	516.6	522.3	-5.7	-6.1	060	100.
	4527.				SEC.	4722,000	
	4577.				SEC.	4772,000	
	4578.				SEC.	4773,000	
46	4500.	517.1	524.7	-7.6	-6.1	060	98.
	4622.				SEC.	4827,000	
	4633.				SEC.	4828,000	
	4683.				SEC.	4878,000	
47	4700.	517.5	525.4	-7.9	-6.2	060	96.
48	4800.	517.7	525.6	-7.9	-6.2	060	94.
49	4900.	517.9	525.8	-7.9	-6.2	060	92.
50	5000.	518.1	526.1	-8.0	-6.3	065	72.
51	5100.	518.3	526.3	-8.0	-6.3	065	67.
52	5200.	518.5	526.6	-8.1	-6.3	065	67.
53	5300.	518.7	526.9	-8.1	-6.4	065	64.
54	5400.	519.0	527.1	-8.2	-6.4	065	61.

55	5500.	519.2	527.4	-8.2	-6.4	065	60.
56	5600.	519.4	527.6	-8.2	-6.5	065	57.
57	5700.	519.6	527.9	-8.3	-6.5	065	56.
58	5800.	519.8	528.1	-8.3	-6.5	065	53.
	5805.					SEC, 6000,000	
59	5900.	520.0	528.3	-8.3	-6.6	065	53.
60	6000.	520.3	528.5	-8.2	-6.6	065	53.
61	6100.	520.6	528.6	-8.0	-6.6	065	51.
62	6200.	520.8	528.7	-7.9	-6.6	065	50.
63	6300.	521.1	528.8	-7.7	-6.6	065	49.
64	6400.	521.3	528.9	-7.6	-6.7	065	50.
65	6500.	521.6	529.0	-7.5	-6.7	065	51.
66	6600.	521.8	529.2	-7.3	-6.7	065	52.
67	6700.	522.1	529.3	-7.2	-6.7	065	51.
68	6800.	522.3	529.4	-7.1	-6.7	065	51.
69	6900.	522.6	529.5	-6.9	-6.7	065	52.
70	7000.	522.8	529.6	-6.8	-6.7	065	53.
	7005.					SEC, 7200,000	
71	7100.	523.1	529.8	-6.7	-6.7	065	54.
72	7200.	523.4	530.2	-6.7	-6.7	065	54.
73	7300.	523.8	530.5	-6.7	-6.7	065	55.
74	7400.	524.1	530.8	-6.7	-6.7	065	55.
	7405.					SEC, 7600,000	
75	7500.	524.3	531.1	-6.7	-6.7	065	56.
76	7600.	524.5	531.2	-6.7	-6.7	065	57.
77	7700.	524.7	531.3	-6.6	-6.7	065	57.
78	7800.	524.8	531.4	-6.6	-6.7	065	58.
79	7900.	525.0	531.5	-6.5	-6.7	065	58.
	7905.					SEC, 8100,000	
80	8000.	525.1	531.6	-6.5	-6.7	065	59.
81	8100.	525.2	531.8	-6.6	-6.7	065	59.
	8105.					SEC, 8300,000	
82	8200.	525.5	532.3	-6.8	-6.7	065	60.
83	8300.	525.8	533.0	-7.2	-6.7	065	60.
84	8400.	526.2	533.8	-7.6	-6.7	065	60.
	8405.					SEC, 8600,000	
85	8500.	527.5	534.9	-7.4	-6.7	065	60.
	8505.					SEC, 8700,000	
86	8600.	529.2	536.3	-7.1	-6.7	065	60.
	8605.					SEC, 8800,000	
87	8700.	530.4	537.8	-7.4	-6.7	065	61.
	8705.					SEC, 8900,000	
88	8800.	531.7	539.3	-7.5	-6.7	065	61.
	8805.					SEC, 9000,000	
89	8900.	533.2	540.0	-7.6	-6.7	065	63.
	8905.					SEC, 9100,000	
90	9000.	534.8	542.2	-7.4	-6.8	070	63.
	9005.					SEC, 9200,000	
91	9100.	536.4	543.6	-7.3	-6.8	070	63.
92	9200.	537.7	545.0	-7.4	-6.8	070	63.
	9205.					SEC, 9400,000	
93	9300.	539.0	546.5	-7.5	-6.8	070	63.
94	9400.	540.4	547.9	-7.5	-6.8	070	64.
95	9500.	541.8	549.3	-7.5	-6.8	070	64.
	9505.					SEC, 9700,000	
96	9600.	543.2	550.8	-7.6	-6.8	070	65.
97	9700.	544.4	552.3	-7.9	-6.8	070	64.
98	9800.	545.7	553.8	-8.1	-6.8	070	63.
	9887.					SEC, 10082,000	
99	9900.	546.9	555.2	-8.3	-6.8	070	63.
	9923.					SEC, 10118,000	
100	10000.	547.9	556.2	-8.3	-6.9	070	61.
101	10100.	548.5	556.6	-8.1	-6.9	070	61.
	10123.					SEC, 10318,000	
102	10200.	549.2	557.0	-7.9	-6.9	070	63.
103	10300.	549.9	557.3	-7.4	-6.9	070	63.

104	10400	550.7	557.6	-6.9	-6.9	070	64
105	10500	551.5	557.9	-6.4	-6.9	070	64
106	10600	552.2	558.2	-6.0	-6.9	070	64
	10605					SEC, 10800,000	
107	10700	553.2	558.9	-5.6	-6.9	070	61
108	10800	554.5	560.0	-5.5	-6.8	070	60
109	10900	555.7	561.2	-5.5	-6.8	070	61
110	11000	557.0	562.3	-5.4	-6.8	070	60
111	11100	558.2	563.5	-5.3	-6.8	070	59
	11105					SEC, 11300,000	
112	11200	559.5	564.0	-5.3	-6.8	070	59
113	11300	560.7	566.1	-5.4	-6.8	070	58
114	11400	561.9	567.4	-5.5	-6.8	070	58
115	11500	563.1	568.8	-5.6	-6.8	070	58
116	11600	564.3	570.1	-5.8	-6.7	065	59
	11605					SEC, 11800,000	

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS.
 INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
 OF EACH REACH BY INC NO. FOR EXAMPLE 202 49 116
 A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

- POSSIBLE ERROR SECNO= 4500,00 PROFILE= 4 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8600,00 PROFILE= 1 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8600,00 PROFILE= 2 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8600,00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL
- POSSIBLE ERROR SECNO= 8600,00 PROFILE= 3 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8600,00 PROFILE= 3 20 TRIALS REQUIRED TO BALANCE WSEL
- POSSIBLE ERROR SECNO= 8600,00 PROFILE= 4 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8600,00 PROFILE= 4 20 TRIALS REQUIRED TO BALANCE WSEL
- POSSIBLE ERROR SECNO= 8700,00 PROFILE= 2 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8700,00 PROFILE= 3 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8700,00 PROFILE= 4 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8800,00 PROFILE= 2 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8800,00 PROFILE= 3 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8800,00 PROFILE= 4 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8900,00 PROFILE= 2 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8900,00 PROFILE= 3 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 8900,00 PROFILE= 4 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 9000,00 PROFILE= 2 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 9000,00 PROFILE= 3 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 9000,00 PROFILE= 4 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 9100,00 PROFILE= 2 CRITICAL DEPTH ASSUMED
- POSSIBLE ERROR SECNO= 9100,00 PROFILE= 3 CRITICAL DEPTH ASSUMED