

09-10-88

06:32:39

PAGE 37

SUMMARY OF ERRORS AND SPECIAL NOTES

EAST BLUES
CREEK

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*****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
IBM-PC-XT VERSION AUGUST 1985
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[illegible]

QT	6.000	684.000	1440.000	1874.000	3458.000	1874.000	249.000	.000	.000
NC	.100✓	.100	.050✓	.100	.300	.000	.000	.000	.000
NH	7.000	(.750)	4740.000	.290	4900.000	.230	4987.000	(.065)	5013.000
NH	5580.000	.290	5940.000	(.720)	6125.000	.000	.000	.000	.180
ET	.090	.000	.000	.000	.000	10.410	.000	.000	.000
X1	400.000	28.000	4987.000	5013.000	400.000	400.000	400.000	.000	.000
GR	150.000	4425.000	140.000	4515.000	130.000	4585.000	120.000	4710.000	119.800
GR	118.720	4900.000	118.580	4920.000	117.580	4930.000	117.780	4948.000	117.880
GR	117.580	4987.000	115.980	4993.000	114.980	4995.000	115.080	4997.000	115.180
GR	115.480	5004.000	115.780	5008.000	115.880	5010.000	117.580	5013.000	116.080
GR	117.880	5038.000	118.080	5064.000	120.000	5250.000	*26.730	5580.000	130.000
GR	139.520	5940.000	140.000	5950.000	150.000	6125.000	.000	.000	.000
<i>3rd & 4th column & row are correct</i>									
NH	6.000	.290	4900.000	.230	4987.000	(.065)	5013.000	.180	5580.000
NH	5940.000	(.720)	6190.000	.000	.000	.000	.000	.000	.000

Cross Section A

[illegible]

NH 7.000 .750 4590.000 .290 4770.000 .230 4986.000 .065 5014.000 .180
 NH 5380.000 .290 5610.000 .720 5940.000 .000 .000 .000 .000 .000
 ET .000 .000 .000 .000 .000 8.410 .000 .000 .000

Cross Section B

X1 1800.000 26.000 4986.000 5014.000 1250.000 1250.000 1000.000 .000 .000 .000
 GR 160.000 4580.000 158.000 4590.000 150.000 4630.000 140.000 4680.000 131.000 4770.000
 GR 130.000 4780.000 124.320 4937.000 123.820 4955.000 123.020 4973.000 124.120 4982.000
 GR 123.020 4986.000 122.120 4987.000 121.520 4993.000 121.020 4999.000 120.920 5004.000
 GR 122.420 5009.000 124.620 5014.000 124.520 5024.000 123.920 5039.000 123.520 5054.000
 GR 129.810 5380.000 130.000 5390.000 138.800 5610.000 140.000 5640.000 150.000 5820.000
 GR 160.000 5940.000 .000 .000 .000 .000 .000 .000 .000 .000
 NH 7.000 .750 4580.000 .290 4690.000 .380 4985.500 .065 5014.500 .180
 NH 5380.000 .290 5570.000 .720 5870.000 .000 .000 .000 .000 .000

Cross Section C

X1 3350.000 21.000 4985.500 5014.500 1525.000 1575.000 1550.000 .000 .000 .000
 GR 170.000 4560.000 160.000 4540.000 150.000 4580.000 140.000 4660.000 139.090 4690.000
 GR 130.380 4975.500 130.780 4985.500 128.080 4989.500 127.480 4997.500 128.080 5005.500
 GR 128.980 5012.500 130.080 5014.500 130.580 5022.500 131.380 5031.500 131.780 5040.500
 GR 137.150 5380.000 140.000 5560.000 140.620 5570.000 150.000 5720.000 160.000 5810.000
 GR 170.000 5870.000 .000 .000 .000 .000 .000 .000 .000 .000
 NH 6.000 .290 4850.000 .180 4991.000 .065 5009.000 .270 5310.000 .420
 NH 5500.000 .720 6200.000 .000 .000 .000 .000 .000 .000 .000
 X1 4700.000 18.000 4991.000 5009.000 1450.000 1350.000 1350.000 .000 .000 .000
 GR 170.000 4710.000 160.000 4790.000 151.430 4850.000 150.000 4860.000 139.700 4982.000
 GR 136.300 4991.000 134.400 4993.000 133.300 4999.000 133.200 5002.000 133.600 5006.000
 GR 136.000 5009.000 136.000 5019.000 138.640 5310.000 140.000 5460.000 140.750 5500.000
 GR 150.000 5990.000 160.000 6100.000 170.000 6200.000 .000 .000 .000 .000
 NH 7.000 .750 4750.000 .290 4930.000 .180 4991.000 .065 5009.000 .270
 NH 5310.000 .420 5440.000 .720 5540.000 .000 .000 .000 .000 .000

Cross Section D

X1 4950.000 16.000 4991.000 5009.000 250.000 275.000 250.000 .000 .000 .000
 GR 170.000 4630.000 160.000 4700.000 152.860 4750.000 150.000 4770.000 140.000 4840.000
 GR 137.950 4930.000 136.560 4991.000 135.260 4994.000 134.260 4999.000 134.460 5004.000
 GR 136.360 5009.000 140.000 5260.000 143.850 5310.000 150.000 5390.000 153.330 5440.000
 GR 160.000 5540.000 .000 .000 .000 .000 .000 .000 .000 .000
 NH 6.000 .750 4770.000 .290 4935.000 .170 4985.000 .073 5015.000 .180
 NH 5130.000 .250 5950.000 .000 .000 .000 .000 .000 .000 .000
 X1 5249.000 35.000 4985.000 5015.000 424.000 324.000 299.000 .000 .000 .000
 GR 169.360 4400.000 159.360 4575.000 150.370 4770.000 149.680 4785.000 149.500 4835.000
 GR 147.970 4885.000 146.630 4935.000 136.900 4984.980 136.900 4984.990 136.900 4985.000
 GR 136.900 4985.010 135.530 4993.000 136.090 4995.250 136.090 4995.260 136.150 4995.500
 GR 136.140 4995.750 136.140 4995.760 136.050 4999.990 136.050 5000.000 135.650 5004.750
 GR 135.650 5004.760 135.630 5005.000 135.600 5005.250 135.600 5005.260 137.310 5014.970

GR	137.310	5014.980	137.310	5014.990	137.310	5015.000	147.250	5065.000	147.280	5115.000
GR	147.500	5130.000	148.000	5165.000	148.310	5215.000	159.360	5490.000	169.360	5950.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	6.000	.750	4770.000	.290	4935.000	.170	4985.000	.073	5015.000	.180
NH	5130.000	.250	5950.000	.000	.000	.000	.000	.000	.000	.000
X1	5369.000	35.000	4985.000	5015.000	120.000	120.000	120.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	151.750	151.340	.000
GR	170.000	4400.000	160.000	4575.000	151.010	4770.000	150.320	4785.000	150.140	4835.000
GR	148.610	4885.000	147.270	4935.000	137.540	4984.980	137.540	4984.990	137.540	4985.000
GR	137.540	4985.010	136.170	4993.000	136.730	4995.250	136.730	4995.260	136.790	4995.500
GR	136.780	4995.750	136.780	4995.760	136.690	4999.990	136.690	5000.000	136.290	5004.750
GR	136.290	5004.760	136.270	5005.000	136.240	5005.250	136.240	5005.260	137.950	5014.970
GR	137.950	5014.980	137.950	5014.990	137.950	5015.000	147.890	5065.000	147.920	5115.000
GR	148.140	5130.000	148.640	5165.000	148.950	5215.000	160.000	5490.000	170.000	5950.000
NH	6.000	.750	4770.000	.290	4935.000	.170	4985.000	.073	5015.000	.180
NH	5130.000	.250	5950.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.720	2.600	.000	11.000	1.000	204.000	1.830	136.170	136.170

US 421

X1	5431.000	35.000	4985.000	5015.000	62.000	62.000	62.000	.000	.000	.000
X2	.000	.000	1.000	144.350	151.340	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	151.750	151.340	.000
BT	-35.000	4400.000	170.000	170.000	4575.000	160.000	160.000	4770.000	154.450	151.010
BT	.000	4785.000	154.020	150.320	4835.000	153.450	150.140	4885.000	152.780	148.610
BT	.000	4935.000	152.140	147.270	4984.980	151.750	136.540	4984.990	151.750	136.540
BT	.000	4985.000	151.750	136.540	4985.010	151.750	144.350	4993.000	151.700	144.300
BT	.000	4995.250	151.690	144.290	4995.260	151.680	137.920	4995.500	151.680	137.980
BT	.000	4995.750	151.680	137.970	4995.760	151.680	144.280	4999.990	151.660	144.260
BT	.000	5000.000	151.650	144.250	5004.750	151.620	144.220	5004.760	151.620	137.480
BT	.000	5005.000	151.620	137.460	5005.250	151.620	137.430	5005.260	151.620	144.220
BT	.000	5014.970	151.560	144.160	5014.980	151.560	144.160	5014.990	151.560	144.160
BT	.000	5015.000	151.560	136.170	5065.000	151.340	147.890	5115.000	151.420	147.920
BT	.000	5130.000	151.450	148.140	5165.000	151.530	148.640	5215.000	151.910	148.950
BT	.000	5490.000	160.000	160.000	5950.000	170.000	170.000	.000	.000	.000
GR	170.000	4400.000	160.000	4575.000	151.010	4770.000	150.320	4785.000	150.140	4835.000
GR	148.610	4885.000	147.270	4935.000	136.540	4984.980	136.540	4984.990	136.540	4985.000
GR	136.540	4985.010	137.360	4993.000	137.920	4995.250	137.920	4995.260	137.980	4995.500
GR	137.970	4995.750	137.970	4995.760	137.880	4999.990	137.880	5000.000	137.480	5004.750
GR	137.480	5004.760	137.460	5005.000	137.430	5005.250	137.430	5005.260	136.170	5014.970
GR	136.170	5014.980	136.170	5014.990	136.170	5015.000	147.890	5065.000	147.920	5115.000
GR	148.140	5130.000	148.640	5165.000	148.950	5215.000	160.000	5490.000	170.000	5950.000
NH	6.000	.750	4770.000	.290	4935.000	.170	4985.000	.073	5015.000	.180
NH	5130.000	.250	5950.000	.000	.000	.000	.000	.000	.000	.000
X1	5461.000	35.000	4985.000	5015.000	30.000	30.000	30.000	.000	.000	.000
GR	170.230	4400.000	160.230	4575.000	151.240	4770.000	150.550	4785.000	150.370	4835.000
GR	148.840	4885.000	147.500	4935.000	137.770	4984.980	137.770	4984.990	137.770	4985.000
GR	137.770	4985.010	136.400	4993.000	136.960	4995.250	136.960	4995.260	137.020	4995.500
GR	137.010	4995.750	137.010	4995.760	136.920	4999.990	136.920	5000.000	136.520	5004.750
GR	136.520	5004.760	136.500	5005.000	136.470	5005.250	136.470	5005.260	138.180	5014.970
GR	138.180	5014.980	138.180	5014.990	138.180	5015.000	148.120	5065.000	148.150	5115.000

GR	148.370	5130.000	148.870	5165.000	149.180	5215.000	160.230	5490.000	170.230	5950.000
NC	.000	.000	.000	.000	.300	.000	.000	.000	.000	.000
NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	15.410	.000	.000	.000	.000
X1	5546.500	30.000	4982.500	5017.500	85.500	85.500	85.500	.000	.000	.000
GR	169.430	4300.000	159.430	4620.000	150.580	4750.000	148.360	4782.500	144.960	4832.500
GR	143.110	4870.000	142.490	4882.500	141.620	4920.000	141.330	4932.500	138.230	4982.480
GR	138.230	4982.490	138.230	4982.500	138.230	4982.510	136.970	4992.500	137.450	5000.000
GR	137.610	5002.500	136.710	5012.500	137.250	5017.470	137.250	5017.480	137.250	5017.490
GR	137.250	5017.500	142.390	5067.500	142.660	5100.000	142.810	5117.500	142.680	5167.500
GR	143.700	5190.000	144.940	5217.500	147.510	5280.000	159.430	5570.000	169.430	5890.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
X1	5686.500	30.000	4982.500	5017.500	65.000	165.000	140.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	144.740	142.340	.000
GR	170.000	4300.000	160.000	4620.000	151.150	4750.000	148.930	4782.500	145.530	4832.500
GR	143.680	4870.000	143.060	4882.500	142.190	4920.000	141.900	4932.500	138.800	4982.480
GR	138.800	4982.490	138.800	4982.500	138.800	4982.510	137.540	4992.500	138.020	5000.000
GR	138.180	5002.500	137.280	5012.500	137.820	5017.470	137.820	5017.480	137.820	5017.490
GR	137.820	5017.500	142.960	5067.500	143.230	5100.000	143.380	5117.500	143.250	5167.500
GR	144.270	5190.000	145.510	5217.500	148.080	5280.000	160.000	5570.000	170.000	5890.000
NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
SD	1.250	1.680	2.600	.000	18.000	.000	228.000	1.840	137.280	137.280

SR 2054

X1	5713.500	30.000	4982.500	5017.500	27.000	27.000	27.000	.000	.000	.000
X2	.000	.000	1.000	144.580	146.490	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	146.980	146.490	.000
BT	-30.000	4300.000	170.000	170.000	4620.000	160.000	160.000	4750.000	151.150	151.150
BT	.000	4782.500	150.160	148.930	4832.500	148.480	145.530	4870.000	148.000	143.680
BT	.000	4882.500	147.840	143.060	4920.000	147.390	142.190	4932.500	147.240	141.900
BT	.000	4982.480	146.980	138.800	4982.490	146.980	138.800	4982.500	150.680	138.800
BT	.000	4982.510	150.680	144.580	4992.500	150.650	144.550	5000.000	150.620	144.520
BT	.000	5002.500	150.610	144.510	5012.500	150.580	144.480	5017.470	150.560	144.460
BT	.000	5017.480	150.560	144.460	5017.490	146.860	144.460	5017.500	146.860	137.820
BT	.000	5067.500	146.540	142.960	5100.000	146.610	143.230	5117.500	146.640	143.380
BT	.000	5167.500	146.490	143.250	5190.000	146.640	144.270	5217.500	146.820	145.510
BT	.000	5280.000	148.080	148.080	5570.000	160.000	160.000	5890.000	170.000	170.000
GR	170.000	4300.000	160.000	4620.000	151.150	4750.000	148.930	4782.500	145.530	4832.500
GR	143.680	4870.000	143.060	4882.500	142.190	4920.000	141.900	4932.500	138.800	4982.480
GR	138.800	4982.490	138.800	4982.500	138.800	4982.510	137.540	4992.500	138.020	5000.000
GR	138.180	5002.500	137.280	5012.500	137.820	5017.470	137.820	5017.480	137.820	5017.490
GR	137.820	5017.500	142.960	5067.500	143.230	5100.000	143.380	5117.500	143.250	5167.500
GR	144.270	5190.000	145.510	5217.500	148.080	5280.000	160.000	5570.000	170.000	5890.000

NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
X1	5748.500	30.000	4982.500	5017.500	35.000	35.000	35.000	.000	.000	.000
GR	170.250	4300.000	160.250	4620.000	151.400	4750.000	149.180	4762.500	145.780	4832.500
GR	143.930	4770.000	143.310	4882.500	142.440	4920.000	142.150	4932.500	139.050	4982.480
GR	139.050	4982.490	139.050	4982.500	139.050	4982.510	137.790	4992.500	138.270	5000.000
GR	138.430	5002.500	137.530	5012.500	138.070	5017.470	138.070	5017.480	138.070	5017.490
GR	138.070	5017.500	143.210	5067.500	143.480	5100.000	143.630	5117.500	143.500	5167.500
GR	144.520	5190.000	145.760	5217.500	148.330	5280.000	160.250	5570.000	170.250	5890.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
QT	6.000	597.000	1270.000	1664.000	3115.000	1664.000	214.000	.000	.000	.000
NH	6.000	.240	4850.000	.170	4987.500	.073	5012.500	.180	5380.000	.250
NH	5600.000	.720	5820.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

Cross Section E

X1	6500.000	21.000	4987.500	5012.500	851.500	701.500	751.000	.000	.000	.000
GR	180.000	4680.000	170.000	4800.000	162.310	4850.000	160.000	4865.000	150.000	4910.000
GR	142.630	4967.500	143.230	4977.500	143.530	4987.500	142.930	4991.500	141.330	4996.500
GR	142.130	5001.500	142.030	5006.500	143.030	5011.500	143.730	5012.500	143.530	5032.500
GR	143.430	5042.500	148.070	5380.000	150.000	5520.000	160.000	5545.000	162.000	5600.000
GR	170.000	5820.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	.750	4650.000	.240	4850.000	.170	4987.430	.073	5012.570	.130
NH	5380.000	.250	5600.000	.720	6175.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000
X1	7000.000	19.000	4987.430	5012.570	512.000	500.000	500.000	.000	.000	.000
GR	180.000	4395.000	170.000	4520.000	160.000	4640.000	158.750	4650.000	157.000	4720.000
GR	148.220	4850.000	146.340	4987.430	145.910	4991.630	144.210	4995.810	143.910	5000.010
GR	143.850	5004.180	144.710	5008.380	146.310	5012.570	150.000	5250.000	158.670	5380.000
GR	160.000	5400.000	167.270	5600.000	170.000	5675.000	180.000	6175.000	.000	.000
NH	7.000	.750	4610.000	.240	4760.000	.180	4987.340	.073	5012.670	.210
NH	5180.000	.290	5300.000	.720	6205.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4920.000	5045.000
X1	7800.000	19.000	4987.340	5012.670	820.000	800.000	800.000	.000	.000	.000
GR	190.000	4250.000	180.000	4330.000	170.000	4400.000	160.000	4500.000	157.830	4610.000
GR	154.870	4760.000	150.390	4987.340	149.960	4991.560	148.260	4995.780	147.960	5000.010
GR	147.900	5004.210	148.760	5008.450	150.360	5012.670	154.870	5180.000	158.110	5300.000
GR	160.000	5370.000	170.000	5480.000	180.000	5655.000	190.000	6205.000	.000	.000
NH	7.000	.750	4610.000	.240	4760.000	.180	4987.000	.073	5013.000	.210
NH	5180.000	.290	5295.000	.720	5395.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	11.410	.000	.000	.000	.000

Cross Section F

X1	3500.000	20.000	4987.000	5013.000	718.000	700.000	700.000	.000	.000	.000
GR	180.000	4540.000	170.000	4590.000	166.920	4610.000	160.000	4655.000	158.550	4760.000
GR	155.540	4977.000	155.040	4982.000	155.040	4987.000	154.740	4992.000	153.040	4995.000
GR	151.740	5000.000	151.440	5005.000	153.240	5010.000	154.740	5013.000	155.440	5023.000
GR	154.640	5033.000	158.190	5180.000	160.000	5255.000	170.000	5295.000	180.000	5395.000
NH	7.000	.750	4615.000	.240	4760.000	.180	4986.830	.073	5013.170	.210
NH	5180.000	.290	5300.000	.720	5810.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.410	.000	.000	.000	.000
X1	9018.500	18.000	4986.830	5013.170	518.500	533.000	518.500	.000	.000	.000
GR	190.000	4535.000	180.000	4615.000	170.000	4695.000	161.880	4760.000	160.000	4775.000
GR	155.910	4986.830	155.730	4991.220	154.670	4995.600	154.160	5000.010	154.060	5004.400
GR	154.880	5008.790	155.950	5013.170	157.700	5180.000	158.950	5300.000	160.000	5400.000
GR	170.000	5475.000	180.000	5685.000	190.000	5810.000	.000	.000	.000	.000
NH	7.000	.750	4630.000	.240	4836.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000
X1	9418.500	40.000	4986.500	5013.500	400.000	411.000	400.000	.000	.000	.000
GR	209.330	4170.000	199.330	4430.000	191.330	4630.000	189.330	4680.000	170.330	4786.500
GR	169.530	4800.000	167.360	4836.500	164.450	4880.000	164.020	4886.500	153.430	4936.500
GR	156.320	4986.480	156.320	4986.490	156.320	4986.500	156.320	4986.510	156.090	4995.300
GR	156.090	4995.310	156.080	4995.500	156.080	4995.700	156.080	4995.710	156.110	5000.000
GR	156.130	5004.300	156.130	5004.310	156.130	5004.500	156.140	5004.700	156.140	5004.710
GR	156.640	5013.470	156.640	5013.480	156.640	5013.490	156.640	5013.500	163.530	5063.500
GR	163.330	5113.500	163.540	5125.000	164.260	5163.500	164.060	5185.000	163.790	5213.500
GR	179.330	5285.000	184.190	5370.000	189.330	5460.000	199.330	5810.000	209.330	6010.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	.750	4630.000	.240	4836.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
X1	9526.500	40.000	4986.500	5013.500	108.000	108.000	108.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	163.480	163.150	.000
GR	210.000	4170.000	200.000	4430.000	192.000	4630.000	190.000	4680.000	171.000	4786.500
GR	170.200	4800.000	168.030	4836.500	165.120	4880.000	164.690	4886.500	159.100	4936.500
GR	156.990	4986.480	156.990	4986.490	156.990	4986.500	156.990	4986.510	156.760	4995.300
GR	156.760	4995.310	156.750	4995.500	156.750	4995.700	156.750	4995.710	156.780	5000.000
GR	156.800	5004.300	156.800	5004.310	156.800	5004.500	156.810	5004.700	156.810	5004.710
GR	157.310	5013.470	157.310	5013.480	157.310	5013.490	157.310	5013.500	164.200	5063.500
GR	164.000	5113.500	164.210	5125.000	164.930	5163.500	164.730	5185.000	164.460	5213.500
GR	180.000	5285.000	184.860	5370.000	190.000	5460.000	200.000	5810.000	210.000	6010.000
NH	7.000	.750	4630.000	.240	4836.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	9.500	.800	204.000	1.840	156.750	156.750

NC 27

X1	9573.500	40.000	4986.500	5013.500	47.000	47.000	47.000	.000	.000	.000
X2	.000	.000	1.000	165.170	165.690	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	165.690	165.690	.000
BT	-40.000	4170.000	210.000	210.000	4430.000	200.000	200.000	4630.000	192.000	192.000
BT	.000	4680.000	190.000	190.000	4786.500	172.500	171.000	4800.000	171.740	170.200

BT	.000	4836.500	169.670	168.030	4880.000	167.270	165.120	4886.500	166.910	164.690
BT	.000	4936.500	168.440	159.100	4986.480	169.970	156.990	4986.490	169.970	156.990
BT	.000	4986.500	169.970	156.990	4986.510	169.970	165.170	4995.300	169.650	164.850
BT	.000	4995.310	169.650	156.760	4995.500	169.640	156.750	4995.700	169.640	156.750
BT	.000	4995.710	169.640	164.840	5000.000	169.480	164.680	5004.300	169.320	164.520
BT	.000	5004.310	169.320	156.800	5004.500	169.320	156.800	5004.700	169.310	156.810
BT	.000	5004.710	169.310	164.510	5013.470	168.990	164.190	5013.480	168.990	164.190
BT	.000	5013.490	168.990	164.190	5013.500	168.990	157.310	5063.500	167.500	164.200
BT	.000	5113.500	166.550	164.000	5125.000	166.400	164.210	5163.500	165.900	164.930
BT	.000	5185.000	165.810	164.730	5213.500	165.690	164.460	5285.000	180.000	180.000
BT	.000	5370.000	184.860	184.860	5460.000	190.000	190.000	5810.000	200.000	200.000
BT	.000	6010.000	210.000	210.000	.000	.000	.000	.000	.000	.000
GR	210.000	4170.000	200.000	4430.000	192.000	4630.000	190.000	4680.000	171.000	4786.500
GR	170.200	4830.000	168.030	4836.500	165.120	4880.000	164.690	4886.500	159.100	4936.500
GR	156.990	4986.480	156.990	4986.490	156.990	4986.500	156.990	4986.510	156.760	4995.300
GR	156.760	4995.310	156.750	4995.500	156.750	4995.700	156.750	4995.710	156.780	5000.000
GR	156.800	5004.300	156.800	5004.310	156.800	5004.500	156.810	5004.700	156.810	5004.710
GR	157.310	5013.470	157.310	5013.480	157.310	5013.490	157.310	5013.500	164.200	5063.500
GR	164.000	5113.500	164.210	5125.000	164.930	5163.500	164.730	5185.000	164.460	5213.500
GR	180.000	5285.000	184.860	5370.000	190.000	5460.000	200.000	5810.000	210.000	6010.000

NH	7.000	.750	4630.000	.240	4536.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000
X1	9600.500	40.000	4986.500	5013.500	27.000	27.000	27.000	.000	.000	.000
GR	210.550	4170.000	200.550	4430.000	192.550	4630.000	190.550	4680.000	171.550	4786.500
GR	170.750	4800.000	168.580	4836.500	165.670	4880.000	165.240	4886.500	159.650	4936.500
GR	157.540	4986.480	157.540	4986.490	157.540	4986.500	157.540	4986.510	157.310	4995.300
GR	157.310	4995.310	157.300	4995.500	157.300	4995.700	157.300	4995.710	157.330	5000.000
GR	157.350	5004.300	157.350	5004.310	157.350	5004.500	157.360	5004.700	157.360	5004.710
GR	157.860	5013.470	157.860	5013.480	157.860	5013.490	157.860	5013.500	164.750	5063.500
GR	164.550	5113.500	164.760	5125.000	165.480	5163.500	165.280	5185.000	165.010	5213.500
GR	180.550	5285.000	185.410	5370.000	190.550	5460.000	200.550	5810.000	210.550	6010.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	.750	4710.000	.240	4820.000	.180	4987.000	.073	5013.000	.210
NH	5150.000	.290	5300.000	.720	5540.000	.000	.000	.000	.000	.000

Cross Section G

X1	10050.000	22.000	4997.000	5013.000	424.500	449.500	449.500	.000	.000	.000
GR	200.000	4480.000	190.000	4620.000	182.500	4710.000	180.000	4740.000	175.000	4820.000
GR	170.000	4900.000	167.310	4979.000	166.810	4983.000	163.810	4987.000	163.210	4993.000
GR	162.510	4998.000	162.210	5003.000	163.010	5011.000	164.210	5013.000	164.010	5020.000
GR	163.610	5027.000	170.000	5120.000	173.000	5150.000	180.000	5220.000	184.000	5300.000
GR	190.000	5420.000	200.000	5540.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	.750	4690.000	.330	4830.000	.180	4947.500	.073	5052.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000

X1	10435.000	64.000	4956.500	5052.500	410.800	410.800	385.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	177.760	179.690	.000
GR	210.000	3965.000	200.000	40.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4942.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500
GR	167.920	4990.500	167.240	4998.250	167.240	4998.260	167.170	4999.000	167.170	4999.010
GR	167.130	4999.500	167.100	5000.000	167.090	5000.010	167.040	5000.750	167.040	5000.760
GR	166.580	5007.500	167.640	5015.250	167.640	5015.260	167.740	5016.000	167.740	5016.010
GR	167.810	5016.500	167.970	5017.000	167.970	5017.010	168.210	5017.750	168.210	5017.760
GR	169.720	5022.500	174.740	5033.000	174.750	5033.010	174.980	5033.500	175.040	5034.000
GR	175.040	5034.010	175.080	5042.500	177.800	5051.490	177.800	5051.500	177.990	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.000	5290.000	210.000	5630.000	.000	.000
NH	7.000	.750	4690.000	.330	4830.000	.180	4948.500	.073	5051.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000

SR 2002

X1	10436.000	64.000	4948.500	5051.500	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.410	181.390	.000
BT	-64.000	3965.000	210.000	210.000	4065.000	200.000	200.000	4590.000	190.000	190.000
BT	.000	4690.000	187.990	186.520	4747.500	186.840	184.520	4797.500	184.730	183.800
BT	.000	4830.000	183.830	179.440	4847.500	183.350	177.100	4897.500	181.980	174.530
BT	.000	4947.500	181.410	174.100	4948.500	183.810	174.480	4948.510	183.810	179.810
BT	.000	4956.500	183.810	179.810	4965.000	183.810	179.810	4965.010	183.810	175.300
BT	.000	4965.500	183.810	175.170	4966.000	183.810	175.080	4966.010	183.810	177.810
BT	.000	4973.500	183.810	179.810	4982.000	183.800	179.800	4982.010	183.800	171.480
BT	.000	4982.500	183.800	171.350	4983.000	183.800	171.190	4983.010	183.800	179.800
BT	.000	4987.500	183.800	179.800	4990.500	183.800	179.800	4998.250	183.800	179.800
BT	.000	4998.260	183.800	179.800	4999.000	183.800	179.800	4999.010	183.800	169.690
BT	.000	4999.500	183.800	169.690	5000.000	183.800	169.690	5000.010	183.800	179.800
BT	.000	5000.750	183.800	179.800	5000.760	183.800	179.800	5007.500	183.800	179.800
BT	.000	5015.250	183.800	179.800	5015.260	183.800	179.800	5016.000	183.800	179.800
BT	.000	5016.010	183.800	169.640	5016.500	183.800	169.640	5017.000	183.800	169.640
BT	.000	5017.010	183.800	179.800	5017.750	183.800	179.800	5017.760	183.800	179.800
BT	.000	5022.500	183.800	179.800	5033.000	183.790	179.790	5033.010	183.790	174.750
BT	.000	5033.500	183.790	174.980	5034.000	183.790	175.040	5034.010	183.790	179.790
BT	.000	5042.500	183.790	179.790	5051.490	183.790	179.790	5051.500	183.790	177.800
BT	.000	5052.490	183.790	177.990	5052.500	181.390	177.990	5070.000	181.510	178.790
BT	.000	5102.500	181.730	180.280	5120.000	182.340	181.400	5152.500	183.470	183.470
BT	.000	5202.500	185.870	185.870	5270.000	196.770	196.770	5290.000	200.000	200.000
BT	.090	5630.000	210.000	210.000	.000	.000	.000	.000	.000	.000
GR	210.000	3965.000	200.000	4065.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4948.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500
GR	167.920	4990.500	167.240	4998.250	169.690	4998.260	169.690	4999.000	169.690	4999.010
GR	169.690	4999.500	169.690	5000.000	169.690	5000.010	169.690	5000.750	167.040	5000.760
GR	166.580	5007.500	167.640	5015.250	169.640	5015.260	169.640	5016.000	169.640	5016.010
GR	169.640	5016.500	169.640	5017.000	169.640	5017.010	169.640	5017.750	168.210	5017.760

GR	169.720	5022.500	174.740	5033.000	174.750	5033.010	174.980	5033.500	175.010	5034.000
GR	175.040	5034.010	176.080	5042.500	177.800	5051.490	177.800	5051.500	177.990	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.000	5290.000	210.000	5630.000	.000	.000
NH	7.000	.750	4490.000	.330	4830.000	.180	4948.500	.073	5051.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000
X1	10463.000	64.000	4948.500	5051.500	26.400	26.400	26.400	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.410	181.390	.000
BT	-64.000	3965.000	210.000	210.000	4065.000	200.000	200.000	4590.000	190.000	190.000
BT	.000	4690.000	187.990	186.520	4747.500	186.840	184.520	4797.500	184.730	183.800
BT	.000	4830.000	183.830	179.440	4847.500	183.350	177.100	4897.500	181.980	174.530
BT	.000	4947.500	181.410	174.100	4948.500	183.810	174.480	4948.510	183.810	179.810
BT	.000	4956.500	183.810	179.810	4965.000	183.810	179.810	4965.010	183.810	175.300
BT	.000	4965.500	183.810	175.170	4966.000	183.810	175.080	4966.010	183.810	179.810
BT	.000	4973.500	183.810	179.810	4982.000	183.800	179.800	4982.010	183.800	171.480
BT	.000	4982.500	183.800	171.350	4983.070	183.800	171.190	4983.010	183.800	179.300
BT	.000	4987.500	183.800	179.800	4990.510	183.800	179.800	4998.250	183.800	179.800
BT	.000	4998.260	183.800	179.800	4999.010	183.800	179.800	4999.010	183.800	169.690
BT	.000	4999.500	183.800	169.690	5000.000	183.800	169.690	5000.010	183.800	179.800
BT	.000	5000.750	183.800	179.800	5000.760	183.800	179.800	5007.500	183.800	179.800
BT	.000	5015.250	183.800	179.800	5015.260	183.800	179.800	5016.000	183.800	179.800
BT	.000	5016.010	183.800	169.640	5016.500	183.800	169.640	5017.000	183.800	169.640
BT	.000	5017.010	183.800	179.800	5017.750	183.800	179.800	5017.760	183.800	179.800
BT	.000	5022.500	183.800	179.800	5033.000	183.790	179.790	5033.010	183.790	174.750
BT	.000	5033.500	183.790	174.980	5034.000	183.790	175.040	5034.010	183.790	179.790
BT	.000	5042.500	183.790	179.790	5051.490	183.790	179.790	5051.500	183.790	177.800
BT	.000	5052.490	183.790	177.990	5052.500	181.390	177.990	5070.000	181.510	178.790
BT	.000	5102.500	181.730	180.280	5120.000	182.340	181.400	5152.500	183.470	183.470
BT	.000	5202.500	185.870	185.870	5270.000	196.770	196.770	5290.000	200.000	200.000
BT	.000	5630.000	210.000	210.000	.000	.000	.000	.000	.000	.000
GR	210.000	3965.000	200.000	4065.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4948.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500
GR	167.920	4990.500	167.240	4998.250	169.690	4998.260	169.690	4999.000	169.690	4999.010
GR	169.690	4999.500	169.690	5000.000	169.690	5000.010	169.690	5000.750	167.040	5000.760
GR	166.580	5007.500	167.640	5015.250	169.640	5015.260	169.640	5016.000	169.640	5016.010
GR	169.640	5016.500	169.640	5017.000	169.640	5017.010	169.640	5017.750	168.210	5017.760
GR	169.720	5022.500	174.740	5033.000	174.750	5033.010	174.980	5033.500	175.040	5034.000
GR	175.040	5034.010	176.080	5042.500	177.800	5051.490	177.800	5051.500	177.990	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.000	5290.000	210.000	5630.000	.000	.000
NH	7.000	.750	4490.000	.330	4830.000	.180	4947.500	.073	5052.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000
X1	10464.000	64.000	4956.500	5052.500	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.410	181.390	.000
GR	210.000	3965.000	200.000	4065.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4948.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500

GR	167.920	4990.500	167.240	4998.250	167.240	4998.260	167.170	4999.000	167.170	4999.010
GR	167.130	4999.500	167.100	5000.000	167.090	5000.010	167.040	5000.750	167.040	5000.760
GR	166.580	5007.500	167.640	5015.250	167.640	5015.260	167.740	5016.000	167.740	5016.010
GR	167.810	5016.500	167.970	5017.000	167.970	5017.010	168.210	5017.750	168.210	5017.760
GR	169.720	5022.500	174.740	5033.000	174.750	5033.010	174.980	5033.500	175.040	5034.000
GR	175.060	5034.010	176.080	5042.500	177.800	5051.499	177.800	5051.500	177.990	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.000	5290.000	210.000	5630.000	.000	.000

NH	7.000	750	4690.000	330	4830.000	180	4947.500	073	5052.500	210
NH	5070.000	290	5270.000	720	5630.000	000	000	000	000	000
X1	10569.000	64.000	4956.500	5052.500	105.000	105.000	105.000	000	000	000
GR	210.450	3965.000	200.450	4065.000	190.450	4590.000	186.970	4690.000	184.970	4747.500
GR	184.250	4797.500	179.890	4830.000	177.550	4847.500	174.980	4897.500	174.550	4947.500
GR	174.930	4948.500	174.930	4948.510	177.930	4956.500	175.750	4965.000	175.750	4965.010
GR	175.620	4965.500	175.530	4966.000	175.520	4966.010	174.100	4973.500	171.930	4982.000
GR	171.930	4982.010	171.800	4982.500	171.640	4983.000	171.630	4983.010	170.170	4987.500
GR	168.370	4990.500	167.690	4998.250	167.690	4998.260	167.620	4999.000	167.620	4999.010
GR	167.580	4999.500	167.550	5000.000	167.540	5000.010	167.490	5000.750	167.490	5000.760
GR	167.030	5007.500	168.090	5015.250	168.090	5015.260	168.190	5016.000	168.190	5016.010
GR	168.260	5016.500	168.420	5017.000	168.420	5017.010	168.660	5017.750	168.660	5017.760
GR	170.170	5022.500	175.190	5033.000	175.200	5033.010	175.430	5033.500	175.490	5034.000
GR	175.490	5034.010	176.530	5042.500	178.250	5051.490	178.250	5051.500	178.440	5052.490
GR	178.440	5052.500	179.240	5070.000	180.730	5102.500	181.850	5120.000	183.920	5152.500
GR	186.320	5202.500	197.220	5270.000	200.450	5290.000	210.450	5630.000	000	000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	.750	4700.000	.330	4810.000	.280	4987.500	.085	5012.500	.290
NH	5180.000	.510	5310.000	.720	5710.000	.000	.000	.000	.000	.000

Cross Section H

X1	11750.000	18.000	4987.500	5012.500	1205.800	1280.800	1160.800	.000	.000	.000
GR	210.000	4170.000	200.000	4500.000	192.860	4703.000	190.000	4780.000	186.250	4810.000
GR	160.000	4860.000	174.710	4987.500	172.710	4995.500	171.710	5000.500	171.460	5005.500
GR	172.510	5010.500	174.510	5012.500	180.000	5150.000	183.000	5180.000	190.000	5250.000
GR	198.570	5310.000	200.000	5320.000	210.000	5710.000	.000	.000	.000	.000

NH	7.000	.750	4620.000	.330	4720.000	.200	4982.500	.055	5017.500	.230
NH	5180.000	.310	5390.000	.720	6570.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000

Cross Section 1

XY	13330.000	27.000	4982.500	5017.500	1600.000	1625.000	1580.000	.000	.000	.000
GR	220.000	4150.000	210.000	4290.000	200.000	4480.000	192.630	4620.000	190.000	4670.000
GR	189.120	4720.000	185.200	4941.500	184.300	4946.500	183.800	4953.500	182.800	4960.500
GR	182.100	4967.500	181.200	4982.500	179.200	4990.500	178.300	4995.500	177.600	5000.500
GR	177.600	5005.500	177.400	5010.500	179.200	5015.500	180.000	5017.500	180.500	5022.500
GR	180.600	5027.500	186.770	5180.000	190.000	5260.000	196.840	5390.000	200.000	5450.000
GR	210.000	5810.000	220.000	6570.000	.000	.000	.000	.000	.000	.000

NH 7.000 .750 4760.000 .330 4860.000 .260 4991.500 .085 5008.500 .230
 NH 5120.000 .310 5310.000 .720 6220.000 .000 .000 .000 .000 .000
 ET .000 .000 .000 .000 .000 10.410 .000 .000 .000 .000

Cross Section J

X1 14580.000 27.000 4991.500 5008.500 1325.000 1275.000 1250.000 .000 .000 .000
 GR 220.000 3690.000 210.000 4560.000 201.670 4760.000 200.000 4800.000 192.600 4860.000
 GR 183.790 4931.500 183.690 4941.500 183.990 4951.500 183.790 4961.500 184.090 4971.500
 LR 183.890 4981.500 184.590 4991.500 183.490 4992.500 182.090 4996.500 182.890 5001.500
 G' 183.690 5007.500 184.590 5008.500 184.590 5018.500 184.590 5028.500 184.190 5038.500
 GR 184.290 5048.500 188.310 5120.000 190.000 5150.000 200.000 5280.000 203.330 5310.000
 GR 210.000 5370.000 220.000 6220.000 .000 .000 .000 .000 .000 .000

NH 7.000 .750 4760.000 .330 4860.000 .260 4985.750 .085 5014.250 .230
 NH 5120.000 .310 5310.000 .720 6195.000 .000 .000 .000 .000 .000
 ET .000 .000 .000 .000 .000 9.110 .000 .000 4931.000 5056.000
 X1 15117.000 19.000 4985.750 5014.250 523.000 551.000 537.000 .000 .000 .000
 GR 220.000 3690.000 210.000 4565.000 201.700 4760.000 200.000 4800.000 193.330 4860.000
 GR 190.000 4890.000 187.650 4985.750 185.730 4990.500 184.610 4995.250 184.330 5000.000
 GR 184.110 5004.750 185.530 5009.500 187.900 5014.250 190.000 5060.000 191.500 5120.000
 GR 196.250 5310.000 200.000 5460.000 210.000 5770.000 220.000 6195.000 .000 .000

QT 6.000 511.000 1101.000 1452.000 2763.000 1452.000 180.000 .000 .000 .000
 NH 7.000 .750 4610.000 .330 4800.000 .260 4981.500 .085 5018.500 .230
 NH 5030.000 .310 5210.000 .720 5400.000 .000 .000 .000 .000 .000
 ET .000 .000 .000 .000 .000 9.110 .000 .000 4954.000 5029.000
 X1 15517.000 27.000 4981.500 5018.500 389.000 411.000 400.000 .000 .000 .000
 GR 209.390 4100.000 199.390 4460.000 196.940 4610.000 193.840 4800.000 193.330 4831.500
 GR 192.780 4881.500 192.360 4931.500 191.450 4981.500 191.090 4982.500 191.080 4982.510
 GR 189.260 4987.500 188.140 4991.500 186.780 4999.510 186.710 5000.000 186.630 5000.510
 GR 185.610 5007.500 189.260 5014.500 192.030 5018.480 192.040 5018.490 192.040 5018.500
 GR 192.470 5030.000 193.900 5068.500 194.550 5118.500 194.290 5168.500 199.390 5180.000
 GR 200.750 5210.000 209.390 5400.000 .000 .000 .000 .000 .000 .000

NC .000 .000 .000 .300 .500 .000 .000 .000 .000 .000
 NH 7.000 .750 628.500 .330 818.500 .260 1000.000 .085 1037.000 .230
 NH 1048.500 .310 1228.500 .720 1418.500 .000 .000 .000 .000 .000
 ET .000 .000 .000 .000 .000 10.410 .000 .000 .000 .000
 X1 15665.000 31.000 1000.000 1037.000 148.000 148.000 148.000 .000 .000 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 195.880 196.830 .000
 GR 210.000 118.500 200.000 478.500 197.550 628.500 194.760 800.000 194.450 818.500
 GR 193.940 850.000 193.390 900.000 192.970 950.000 192.060 1000.000 191.690 1001.000
 GR 191.690 1001.010 189.870 1006.000 188.750 1010.000 187.390 1018.000 187.390 1018.010
 GR 187.320 1018.500 187.240 1019.000 187.240 1019.010 186.220 1026.000 189.870 1033.000
 GR 191.950 1035.990 191.960 1036.000 192.650 1036.990 192.650 1037.000 193.080 1048.500
 GR 194.510 1087.000 195.160 1137.000 194.900 1187.000 200.000 1198.500 201.360 1228.500
 GR 210.000 1418.500 .000 .000 .000 .000 .000 .000 .000 .000

NH	7.000	.750	628.500	.330	818.500	.260	1001.000	.085	1036.000	.230
NH	1048.500	.310	1228.500	.720	1418.500	.000	.000	.000	.000	.000
SG	1.250	1.640	2.600	.000	12.000	1.000	230.000	1.530	186.220	186.220

SR 1516

[illegible]

THIS RUN EXECUTED 08-17-87 10:34:17

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

EAST GUIES CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
400.000	.00	.00	.00	114.98	684.00	119.91	.00	120.03	41.97	3.67	636.74	105.58
400.000	.00	.00	.00	114.98	1440.00	121.02	.00	121.14	41.43	4.29	1271.01	223.73
400.000	.00	.00	.00	114.98	1874.00	121.50	.00	121.63	41.85	4.57	1566.75	289.68
400.000	.00	.00	.00	114.98	3458.00	122.92	.00	123.05	41.48	5.29	2523.95	536.92
800.000	400.00	.00	.00	116.68	684.00	121.38	.00	121.47	37.29	3.32	664.96	112.01
800.000	400.00	.00	.00	116.68	1440.00	122.47	.00	122.57	39.32	4.04	1173.59	229.66
800.000	800.00	.00	.00	116.68	1874.00	122.96	.00	123.06	40.37	4.36	1420.36	294.94
800.000	400.00	.00	.00	116.68	3458.00	124.35	.00	124.48	41.67	5.16	2225.91	535.67
1800.000	1000.00	.00	.00	120.92	684.00	125.93	.00	126.08	46.03	3.80	481.13	100.82
1800.000	1000.00	.00	.00	120.92	1440.00	127.31	.00	127.48	46.68	4.65	951.68	210.77
1800.000	1000.00	.00	.00	120.92	1874.00	127.90	.00	128.08	46.66	4.98	1201.07	274.35
1800.000	1000.00	.00	.00	120.92	3458.00	129.51	.00	129.72	47.58	5.88	2015.70	501.34
3350.000	1550.00	.00	.00	127.48	684.00	132.99	.00	133.22	45.73	4.21	369.59	101.15
3350.000	1550.00	.00	.00	127.48	1440.00	134.61	.00	134.91	48.52	5.29	865.07	206.72
3350.000	1550.00	.00	.00	127.48	1874.00	135.27	.00	135.58	49.43	5.70	1134.47	266.54
3350.000	1550.00	.00	.00	127.48	3458.00	137.91	.00	137.36	50.24	6.67	2061.09	487.86
4700.000	1350.00	.00	.00	133.20	684.00	139.07	.00	139.23	43.00	4.18	655.04	104.31
4700.000	1350.00	.00	.00	133.20	1440.00	140.65	.00	140.80	38.87	4.76	1379.25	230.98
4700.000	1350.00	.00	.00	133.20	1874.00	141.33	.00	141.47	38.15	5.02	1746.25	303.42
4700.000	1350.00	.00	.00	133.20	3458.00	143.17	.00	143.33	38.54	5.86	2905.11	557.04
4950.000	250.00	.00	.00	134.26	684.00	140.03	.00	140.12	27.64	3.43	819.68	130.10
4950.000	250.00	.00	.00	134.26	1440.00	141.55	.00	141.64	27.02	4.05	1482.78	277.02
4950.000	250.00	.00	.00	134.26	1874.00	142.22	.00	142.32	27.41	4.35	1789.33	357.97
4950.000	250.00	.00	.00	134.26	3458.00	144.10	.00	144.22	29.56	5.27	2698.15	636.07
5249.000	299.00	.00	.00	135.53	684.00	141.10	.00	141.33	49.54	4.11	229.12	97.18
5249.000	299.00	.00	.00	135.53	1440.00	142.67	.00	143.18	77.90	6.20	352.53	163.15
5249.000	299.00	.00	.00	135.53	1874.00	143.34	.00	144.00	90.78	7.15	412.69	196.69
5249.000	299.00	.00	.00	135.53	3458.00	145.16	.00	146.34	128.30	9.88	599.44	305.29

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
5369.000	120.00	.00	.00	136.17	684.00	141.72	.00	142.06	63.69	4.65	147.07	85.71
5369.000	120.00	.00	.00	136.17	1440.00	143.57	.00	144.35	97.08	7.11	202.57	146.15
5369.000	120.00	.00	.00	136.17	1874.00	144.35	.00	145.42	114.20	8.29	225.97	175.36
5369.000	120.00	.00	.00	136.17	3458.00	146.41	.00	148.65	173.66	12.02	287.80	262.41
5431.000	62.00	151.34	144.35	136.17	684.00	141.77	.00	142.16	81.85	5.02	136.15	75.61
5431.000	62.00	151.34	144.35	136.17	1440.00	144.21	.00	144.95	86.30	6.87	209.46	155.01
5431.000	62.00	151.34	144.35	136.17	1874.00	145.87	.00	146.68	71.53	7.22	259.53	221.58
5431.000	62.00	151.34	144.35	136.17	3458.00	152.22	.00	152.33	9.43	3.78	2686.49	1126.11
5461.000	30.00	.00	.00	136.40	684.00	142.18	.00	142.39	42.48	3.92	244.08	104.94
5461.000	30.00	.00	.00	136.40	1440.00	144.94	.00	145.24	36.69	4.85	484.57	237.75
5461.000	30.00	.00	.00	136.40	1874.00	146.68	.00	146.97	28.46	4.88	675.66	351.27
5461.000	30.00	.00	.00	136.40	3458.00	152.24	.00	152.38	10.56	4.03	2513.30	1063.97
5546.500	85.50	.00	.00	136.71	684.00	142.55	.00	142.63	18.16	2.61	492.88	160.49
5546.500	85.50	.00	.00	136.71	1440.00	145.36	.00	145.41	10.23	2.61	1440.64	450.30
5546.500	85.50	.00	.00	136.71	1874.00	147.05	.00	147.10	6.79	2.41	2177.75	719.08
5546.500	85.50	.00	.00	136.71	3458.00	152.40	.00	152.43	2.89	2.11	5235.25	2032.81
5686.500	140.00	.00	.00	137.28	684.00	142.84	.00	142.99	31.68	3.33	296.66	121.53
5686.500	140.00	.00	.00	137.28	1440.00	145.50	.00	145.57	13.39	2.88	1272.67	393.49
5686.500	140.00	.00	.00	137.28	1874.00	147.15	.00	147.20	8.67	2.64	1959.24	636.54
5686.500	140.00	.00	.00	137.28	3458.00	152.44	.00	152.47	3.41	2.24	4881.30	1871.42
5713.500	27.00	146.49	144.58	137.28	684.00	142.90	.00	143.13	42.59	3.89	175.98	104.81
5713.500	27.00	146.49	144.58	137.28	1440.00	146.15	.00	146.53	35.82	4.97	289.74	240.60
5713.500	27.00	146.49	144.58	137.28	1874.00	147.74	.00	147.78	6.41	2.36	2232.73	740.18
5713.500	27.00	146.49	144.58	137.28	3458.00	152.53	.00	152.56	3.32	2.22	4937.12	1896.77
5748.500	35.00	.00	.00	137.53	684.00	143.19	.00	143.28	21.21	2.76	457.90	148.54
5748.500	35.00	.00	.00	137.53	1440.00	146.64	.00	146.68	7.77	2.36	1630.11	516.60
5748.500	35.00	.00	.00	137.53	1874.00	147.76	.00	147.81	7.16	2.46	2128.20	700.18
5748.500	35.00	.00	.00	137.53	3458.00	152.54	.00	152.57	3.59	2.28	4781.39	1826.15
6500.000	751.00	.00	.00	141.33	597.00	145.67	.00	145.78	64.47	3.58	416.22	74.36
6500.000	751.00	.00	.00	141.33	1270.00	147.62	.00	147.69	30.99	3.37	1077.36	228.13
6500.000	751.00	.00	.00	141.33	1664.00	148.60	.00	148.65	21.77	3.17	1525.80	356.63
6500.000	751.00	.00	.00	141.33	3115.00	152.87	.00	152.89	5.24	2.20	4080.15	1360.82
7000.000	500.00	.00	.00	143.85	597.00	148.55	.00	148.66	51.36	3.44	435.71	83.30
7000.000	500.00	.00	.00	143.85	1270.00	149.59	.00	149.70	52.93	4.12	851.67	174.56
7000.000	500.00	.00	.00	143.85	1664.00	150.12	.00	150.22	47.31	4.18	1124.41	241.93
7000.000	500.00	.00	.00	143.85	3115.00	153.23	.00	153.27	11.52	2.80	2891.10	917.74
7800.000	800.00	.00	.00	147.90	597.00	152.92	.00	153.08	58.56	3.88	387.26	78.02
7800.000	800.00	.00	.00	147.90	1270.00	154.20	.00	154.40	63.79	4.87	777.40	159.01
7800.000	800.00	.00	.00	147.90	1664.00	154.65	.00	154.88	70.92	5.42	949.68	197.60
7800.000	800.00	.00	.00	147.90	3115.00	155.19	.00	155.68	147.84	8.30	1176.17	256.19

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PAGE 62

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
8500.000	700.00	.00	.00	151.44	597.00	157.12	.00	157.28	60.97	3.91	381.54	76.45
8500.000	700.00	.00	.00	151.44	1270.00	158.46	.00	158.63	56.42	4.55	851.76	169.07
8500.000	700.00	.00	.00	151.44	1664.00	159.02	.00	159.18	52.67	4.70	1104.97	229.29
8500.000	700.00	.00	.00	151.44	3115.00	160.66	.00	160.79	42.40	4.96	2042.43	478.38
9018.500	518.50	.00	.00	154.06	597.00	159.01	.00	159.05	21.15	2.38	802.13	129.83
9018.500	518.50	.00	.00	154.06	1270.00	160.30	.00	160.34	21.22	2.86	1540.64	275.73
9018.500	518.50	.00	.00	154.06	1664.00	160.83	.00	160.88	21.79	3.08	1876.51	356.43
9018.500	518.50	.00	.00	154.06	3115.00	162.36	.00	162.42	23.64	3.74	2870.06	640.72
9418.500	400.00	.00	.00	156.08	597.00	160.20	.00	160.34	51.22	3.65	307.49	83.41
9418.500	400.00	.00	.00	156.08	1270.00	161.57	.00	161.84	70.87	5.23	486.34	150.86
9418.500	400.00	.00	.00	156.08	1664.00	162.15	.00	162.49	80.98	5.99	570.06	184.92
9418.500	400.00	.00	.00	156.08	3115.00	163.76	.00	164.34	106.85	8.08	855.70	301.35
9526.500	108.00	.00	.00	156.75	597.00	160.84	.00	161.33	122.61	5.62	106.28	53.92
9526.500	108.00	.00	.00	156.75	1270.00	162.30	.00	163.48	193.02	8.71	145.89	91.41
9526.500	108.00	.00	.00	156.75	1664.00	162.88	.00	164.53	235.91	10.30	161.55	108.34
9526.500	108.00	.00	.00	156.75	3115.00	164.92	.00	165.37	80.79	7.33	995.00	346.56
* 9573.500	47.00	165.69	165.17	156.75	597.00	161.38	.00	161.76	79.49	4.93	121.04	66.96
* 9573.500	47.00	165.69	165.17	156.75	1270.00	163.48	.00	164.27	100.22	7.15	177.59	126.86
* 9573.500	47.00	165.69	165.17	156.75	1664.00	164.41	.00	165.45	110.82	8.21	202.64	158.07
9573.500	47.00	165.69	165.17	156.75	3115.00	167.77	.00	167.90	18.29	4.27	2022.55	728.28
9600.500	27.00	.00	.00	157.30	597.00	161.87	.00	161.98	33.05	3.15	364.08	103.85
9600.500	27.00	.00	.00	157.30	1270.00	164.47	.00	164.59	23.75	3.64	746.35	260.61
9600.500	27.00	.00	.00	157.30	1664.00	165.72	.00	165.84	19.83	3.71	1081.86	373.66
9600.500	27.00	.00	.00	157.30	3115.00	167.81	.00	167.97	23.17	4.65	1827.39	647.19
* 10050.000	449.50	.00	.00	162.21	597.00	165.32	165.32	166.28	529.17	8.35	104.70	25.95
* 10050.000	449.50	.00	.00	162.21	1270.00	166.61	166.61	168.01	478.36	10.55	204.07	58.07
* 10050.000	449.50	.00	.00	162.21	1664.00	167.22	167.22	168.80	455.78	11.40	261.19	77.94
10050.000	449.50	.00	.00	162.21	3115.00	169.35	169.09	170.93	308.05	12.25	570.90	177.48
10435.000	385.00	.00	.00	166.58	597.00	171.88	.00	172.09	66.30	3.70	161.23	73.32
10435.000	385.00	.00	.00	166.58	1270.00	173.93	.00	174.28	74.72	4.70	270.00	146.92
10435.000	385.00	.00	.00	166.58	1664.00	174.83	.00	175.23	78.45	5.10	326.50	187.87
10435.000	385.00	.00	.00	166.58	3115.00	176.99	.00	177.61	101.80	6.30	494.48	308.74
10436.000	1.00	181.39	210.00	166.58	597.00	171.86	.00	172.12	108.42	4.12	145.05	57.33
10436.000	1.00	181.39	210.00	166.58	1270.00	173.91	.00	174.32	112.47	5.15	246.65	119.75
10436.000	1.00	181.39	210.00	166.58	1664.00	174.80	.00	175.28	116.23	5.55	299.94	154.34
10436.000	1.00	181.39	210.00	166.58	3115.00	176.97	.00	177.66	142.87	6.69	465.79	260.61
10463.000	26.40	181.39	210.00	166.58	597.00	172.17	.00	172.39	84.24	3.76	158.72	65.05
10463.000	26.40	181.39	210.00	166.58	1270.00	174.25	.00	174.60	91.62	4.77	266.39	132.68
10463.000	26.40	181.39	210.00	166.58	1664.00	175.17	.00	175.58	95.84	5.14	323.79	169.97
10463.000	26.40	181.39	210.00	166.58	3115.00	177.45	.00	178.03	112.92	6.09	511.31	293.14

SECHO	XLCH	ELTRD	ELLC	ELMIN	O	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
10464.000	1.00	.00	.00	166.58	597.00	172.24	.00	172.41	50.22	3.34	178.55	84.24
10464.000	1.00	.00	.00	166.58	1270.00	174.34	.00	174.63	59.50	4.31	294.89	164.64
10464.000	1.00	.00	.00	166.58	1664.00	175.27	.09	175.61	64.49	4.68	355.92	207.21
10464.000	1.00	.00	.00	166.58	3115.00	177.56	.00	178.06	78.43	5.70	546.10	351.74
10569.000	105.00	.00	.00	167.03	597.00	172.76	.00	172.92	47.62	3.28	182.07	86.51
10569.000	105.00	.00	.00	167.03	1270.00	174.97	.00	175.23	53.98	4.15	316.04	172.85
10569.000	105.00	.00	.00	167.03	1664.00	175.96	.00	176.25	54.54	4.32	445.73	225.32
10569.000	105.00	.00	.00	167.03	3115.00	178.47	.00	178.76	47.35	4.59	908.31	452.68
11750.000	1180.80	.00	.00	171.46	597.00	178.06	.00	178.19	41.27	3.36	428.61	92.93
11750.000	1180.80	.00	.00	171.46	1270.00	180.29	.00	180.44	35.82	3.94	986.73	212.20
11750.000	1180.80	.00	.00	171.46	1664.00	181.20	.00	181.34	34.02	4.13	1259.21	285.31
11750.000	1180.80	.00	.00	171.46	3115.00	183.49	.00	183.67	35.56	4.95	2022.85	522.39
13330.000	1580.00	.00	.00	177.40	597.00	183.66	.00	183.76	30.21	2.79	366.75	108.63
13330.000	1580.00	.00	.00	177.40	1270.00	185.68	.00	185.82	31.94	3.58	742.34	224.71
13330.000	1580.00	.00	.00	177.40	1664.00	186.51	.09	186.67	32.85	3.91	969.37	290.33
13330.000	1580.00	.00	.00	177.40	3115.00	188.78	.00	188.95	30.81	4.48	1873.66	561.18
14580.000	1250.00	.00	.00	182.09	597.00	187.74	.00	187.79	33.15	2.70	608.91	103.68
14580.000	1250.00	.00	.00	182.09	1270.00	189.76	.00	189.82	30.75	3.30	1087.39	229.01
14580.000	1250.00	.00	.00	182.09	1664.00	190.65	.00	190.72	30.55	3.58	1330.52	301.08
14580.000	1250.00	.00	.00	182.09	3115.00	192.97	.00	193.06	33.45	4.47	2044.61	538.61
15117.000	537.00	.00	.00	184.11	597.00	190.04	.00	190.23	63.91	3.81	300.24	74.68
15117.000	537.00	.00	.00	184.11	1270.00	191.86	.00	192.07	57.48	4.49	693.28	167.51
15117.000	537.00	.00	.00	184.11	1664.00	192.68	.00	192.89	53.61	4.69	925.57	227.26
15117.000	537.00	.00	.00	184.11	3115.00	194.99	.00	195.20	46.43	5.24	1751.82	457.14
15517.000	400.00	.00	.00	185.61	511.00	192.40	.00	192.56	52.36	3.19	184.95	70.62
15517.000	400.00	.00	.00	185.61	1101.00	194.12	.00	194.34	56.41	4.15	541.59	146.60
15517.000	400.00	.00	.00	185.61	1452.00	194.83	.00	195.06	54.91	4.41	809.23	195.94
15517.000	400.00	.00	.00	185.61	2763.00	196.84	.00	197.05	46.49	4.83	1804.36	405.24
15665.000	148.00	.00	.00	186.22	511.00	193.15	.00	193.31	48.31	3.13	163.29	73.52
15665.000	148.00	.00	.00	186.22	1101.00	194.99	.00	195.34	70.44	4.76	231.11	131.18
15665.000	148.00	.00	.00	186.22	1452.00	195.70	.00	196.19	85.44	5.64	257.51	157.09
15665.000	148.00	.00	.00	186.22	2763.00	197.53	.00	197.73	44.09	4.73	1847.40	416.10
15694.000	28.40	195.88	195.38	186.22	511.00	193.17	.00	193.32	46.12	3.16	161.68	75.25
15694.000	28.40	195.88	195.38	186.22	1101.00	195.23	.00	195.57	62.67	4.71	233.74	139.08
15694.000	28.40	195.88	195.38	186.22	1452.00	196.34	.00	196.50	32.97	3.79	936.58	252.87
15694.000	28.40	195.88	195.38	186.22	2763.00	197.72	.00	197.90	39.59	4.62	1953.03	439.12
15731.000	37.00	.00	.00	186.30	511.00	193.36	.00	193.49	42.00	2.97	215.95	78.85
15731.000	37.00	.00	.00	186.30	1101.00	195.67	.00	195.79	27.99	3.19	874.55	208.10
15731.000	37.00	.00	.00	186.30	1452.00	196.51	.00	196.62	25.69	3.30	1266.57	286.49
15731.000	37.00	.00	.00	186.30	2763.00	197.87	.00	198.05	37.53	4.45	1996.57	451.02

EAST BUIES CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
400.000	684.00	119.91	.00	.00	-5.09	517.38	.00
400.000	1440.00	121.02	4.12	.00	-3.98	603.07	.00
400.000	1874.00	121.50	.48	.00	-3.50	632.53	.00
400.000	3458.00	122.92	1.42	.00	-2.08	719.65	.00
800.000	684.00	121.38	.00	1.47	.00	428.39	400.00
800.000	1440.00	122.47	1.09	1.44	.00	499.86	400.00
800.000	1874.00	122.96	.49	1.45	.00	531.08	400.00
800.000	3458.00	124.35	1.40	1.43	.00	622.18	400.00
1800.000	684.00	125.93	.00	4.55	.00	286.66	1000.00
1800.000	1440.00	127.31	1.38	4.84	.00	396.19	1000.00
1800.000	1874.00	127.90	.59	4.95	.00	443.40	1000.00
1800.000	3458.00	129.51	1.60	5.15	.00	571.03	1000.00
3350.000	684.00	132.99	.00	7.06	.00	226.95	1550.00
3350.000	1440.00	134.61	1.63	7.31	.00	382.94	1550.00
3350.000	1874.00	135.27	.66	7.37	.00	445.38	1550.00
3350.000	3458.00	137.01	1.74	7.51	.00	613.41	1550.00
4700.000	684.00	139.07	.00	6.09	.00	374.67	1350.00
4700.000	1440.00	140.65	1.58	6.04	.00	524.37	1350.00
4700.000	1874.00	141.33	.67	6.06	.00	567.96	1350.00
4700.000	3458.00	143.17	1.85	6.16	.00	687.61	1350.00
4950.000	684.00	140.03	.00	.96	.00	420.64	250.00
4950.000	1440.00	141.55	1.52	.90	.00	451.05	250.00
4950.000	1874.00	142.22	.67	.90	.00	464.44	250.00
4950.000	3458.00	144.10	1.88	.93	.00	502.03	250.00
5249.000	684.00	141.10	.00	1.07	.00	70.65	299.00
5249.000	1440.00	142.67	1.57	1.11	.00	86.61	299.00
5249.000	1874.00	143.34	.67	1.11	.00	93.40	299.00
5249.000	3458.00	145.16	1.82	1.05	.00	111.90	299.00
5369.000	684.00	141.72	.00	.62	.00	30.00	120.00
5369.000	1440.00	143.57	1.85	.90	.00	30.00	120.00
5369.000	1874.00	144.35	.78	1.01	.00	30.00	120.00
5369.000	3458.00	146.41	2.06	1.25	.00	30.00	120.00
5431.000	684.00	141.77	.00	.05	.00	30.00	62.00
5431.000	1440.00	144.21	2.44	.64	.00	30.00	62.00
5431.000	1874.00	145.87	1.66	1.52	.00	30.00	62.00
5431.000	3458.00	152.22	5.35	5.81	.00	552.59	62.00

SECH0	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5461.000	684.00	142.18	.00	.41	.00	72.77	30.00
5461.000	1440.00	144.94	2.77	.73	.00	100.92	30.00
5461.000	1874.00	146.68	1.74	.81	.00	118.62	30.00
5461.000	3458.00	152.24	5.55	.02	.00	542.71	30.00
5546.500	684.00	142.55	.00	.38	.00	205.77	85.50
5546.500	1440.00	145.36	2.80	.41	.00	400.97	85.50
5546.500	1874.00	147.05	1.70	.37	.00	467.23	85.50
5546.500	3458.00	152.40	5.35	.17	.00	675.87	85.50
5686.500	684.00	142.84	.00	.29	.00	83.84	140.00
5686.500	1440.00	145.50	2.66	.14	.00	384.12	140.00
5686.500	1874.00	147.15	1.65	.09	.00	448.61	140.00
5686.500	3458.00	152.44	5.29	.04	.00	655.11	140.00
5713.500	684.00	142.90	.00	.06	.00	35.00	27.00
5713.500	1440.00	146.15	3.25	.65	.00	35.00	27.00
5713.500	1874.00	147.74	1.59	.59	.00	471.80	27.00
5713.500	3458.00	152.53	4.79	.09	.00	658.43	27.00
5748.500	684.00	143.19	.00	.29	.00	179.64	35.00
5748.500	1440.00	146.64	3.45	.49	.00	419.00	35.00
5748.500	1874.00	147.76	1.13	.02	.00	463.07	35.00
5748.500	3458.00	152.54	4.78	.01	.00	649.14	35.00
6500.000	597.00	145.67	.00	2.48	.00	262.14	751.00
6500.000	1270.00	147.62	1.95	.98	.00	418.58	751.00
6500.000	1664.00	148.60	.98	.83	.00	497.34	751.00
6500.000	3115.00	152.87	4.27	.33	.00	630.07	751.00
7000.000	597.00	148.55	.00	2.88	.00	331.63	500.00
7000.000	1270.00	149.59	1.03	1.97	.00	473.57	500.00
7000.000	1664.00	150.12	.53	1.52	.00	532.88	500.00
7000.000	3115.00	153.23	3.11	.36	.00	604.33	500.00
7800.000	597.00	152.92	.00	4.37	.00	248.93	800.00
7800.000	1270.00	154.20	1.28	4.61	.00	361.27	800.00
7800.000	1664.00	154.65	.45	4.54	.00	400.90	800.00
7800.000	3115.00	155.19	.54	1.96	.00	447.82	800.00
8500.000	597.00	157.12	.00	4.19	.00	271.82	700.00
8500.000	1270.00	158.46	1.34	4.26	.00	425.01	700.00
8500.000	1664.00	159.02	.56	4.36	.00	488.12	700.00
8500.000	3115.00	160.66	1.64	5.47	.00	607.01	700.00
9018.500	597.00	159.01	.00	1.89	.00	478.90	518.50
9018.500	1270.00	160.30	1.29	1.84	.00	629.69	518.50
9018.500	1664.00	160.83	.53	1.81	.00	637.89	518.50
9018.500	3115.00	162.36	1.53	1.70	.00	661.57	518.50

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	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKVS	TOPWID	XLICH
	9418.500	597.00	160.20	.00	1.19	.00	118.54	400.00
	9418.500	1270.00	161.57	1.38	1.27	.00	140.88	400.00
	9418.500	1664.00	162.15	.57	1.32	.00	150.20	400.00
	9418.500	3115.00	163.76	1.62	1.40	.00	248.15	400.00
	9526.500	597.00	160.84	.00	.64	.00	27.00	108.00
	9526.500	1270.00	162.30	1.47	.73	.00	27.00	108.00
	9526.500	1664.00	162.88	.58	.74	.00	27.00	108.00
	9526.500	3115.00	164.92	2.03	1.15	.00	330.60	108.00
*	9573.500	597.00	161.38	.00	.55	.00	27.00	47.00
*	9573.500	1270.00	163.48	2.09	1.18	.00	27.00	47.00
*	9573.500	1664.00	164.41	.93	1.52	.00	27.00	47.00
	9573.500	3115.00	167.77	3.36	2.85	.00	388.32	47.00
	9600.500	597.00	161.87	.00	.49	.00	126.04	27.00
F	9600.500	1270.00	164.47	2.60	.99	.00	168.14	27.00
	9600.500	1664.00	165.72	1.25	1.32	.00	337.65	27.00
	9600.500	3115.00	167.81	2.09	.04	.00	378.36	27.00
*	10050.000	597.00	165.32	.00	3.44	.00	66.85	449.50
*	10050.000	1270.00	166.61	1.29	2.13	.00	87.33	449.50
*	10050.000	1664.00	167.22	.61	1.50	.00	99.81	449.50
	10050.000	3115.00	169.35	2.13	1.54	.00	191.77	449.50
	10435.000	597.00	171.88	.00	6.56	.00	46.54	385.00
	10435.000	1270.00	173.93	2.05	7.33	.00	59.31	385.00
	10435.000	1664.00	174.83	.90	7.61	.00	65.95	385.00
	10435.000	3115.00	176.99	2.16	7.64	.00	88.85	385.00
	10436.000	597.00	171.86	.00	-.02	.00	46.47	1.00
	10436.000	1270.00	173.91	2.05	-.02	.00	59.12	1.00
	10436.000	1664.00	174.80	.89	-.03	.00	66.56	1.00
	10436.000	3115.00	176.97	2.16	-.03	.00	95.25	1.00
	10463.000	597.00	172.17	.00	.31	.00	48.32	26.40
	10463.000	1270.00	174.25	2.08	.34	.00	61.65	26.40
	10463.000	1664.00	175.17	.92	.37	.00	71.39	26.40
	10463.000	3115.00	177.45	2.29	.49	.00	101.01	26.40
	10464.000	597.00	172.24	.00	.07	.00	48.72	1.00
	10464.000	1270.00	174.34	2.11	.09	.00	62.32	1.00
K	10464.000	1664.00	175.27	.92	.10	.00	70.74	1.00
	10464.000	3115.00	177.56	2.29	.10	.00	93.71	1.00
	10569.000	597.00	172.76	.00	.52	.00	49.15	105.00
	10569.000	1270.00	174.97	2.21	.62	.00	113.04	105.00
	10569.000	1664.00	175.96	1.00	.70	.00	146.62	105.00
	10569.000	3115.00	178.47	2.50	.91	.00	212.45	105.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11750.000	597.00	178.06	.00	5.30	.00	194.56	1180.80
11750.000	1270.00	180.29	2.24	5.33	.00	295.39	1180.80
11750.000	1664.00	181.20	.90	5.23	.00	311.55	1180.80
11750.000	3115.00	183.49	2.30	5.03	.00	352.92	1180.80
13330.000	597.00	183.66	.00	5.61	.00	148.74	1580.00
13330.000	1270.00	185.68	2.02	5.39	.00	238.96	1580.00
13330.000	1664.00	186.51	.84	5.32	.00	306.57	1580.00
13330.000	3115.00	188.78	2.27	5.29	.00	490.88	1580.00
14580.000	597.00	187.74	.00	4.08	.00	210.44	1250.00
14580.000	1270.00	189.76	2.02	4.08	.00	262.77	1250.00
14580.000	1664.00	190.65	.89	4.14	.00	282.69	1250.00
14580.000	3115.00	192.97	2.32	4.18	.00	331.77	1250.00
15117.000	597.00	190.04	.00	2.30	.00	172.03	537.00
15117.000	1270.00	191.86	1.82	2.10	.00	261.00	537.00
15117.000	1664.00	192.68	.83	2.03	.00	301.48	537.00
15117.000	3115.00	194.99	2.31	2.02	.00	414.56	537.00
15517.000	511.00	192.40	.00	2.36	.00	101.95	400.00
15517.000	1101.00	194.12	1.72	2.25	.00	302.54	400.00
15517.000	1452.00	194.83	.71	2.15	.00	430.40	400.00
15517.000	2763.00	196.84	2.01	1.85	.00	558.32	400.00
15665.000	511.00	193.15	.00	.75	.00	37.00	148.00
15665.000	1101.00	194.99	1.83	.87	.00	37.00	148.00
15665.000	1452.00	195.70	.71	.87	.00	37.00	148.00
15665.000	2763.00	197.53	1.83	.68	.00	563.28	148.00
15694.000	511.00	193.17	.00	.01	.00	35.00	28.40
15694.000	1101.00	195.23	2.06	.24	.00	35.00	28.40
15694.000	1452.00	196.34	1.11	.64	.00	333.13	28.40
15694.000	2763.00	197.72	1.38	.19	.00	575.06	28.40
15731.000	511.00	193.36	.00	.19	.00	139.44	37.00
15731.000	1101.00	195.67	2.31	.44	.00	439.94	37.00
15731.000	1452.00	196.51	.84	.17	.00	493.33	37.00
15731.000	2763.00	197.87	1.36	.16	.00	579.77	37.00

10:48:46

PAGE

THIS RUN EXECUTED 08-17-87 10:48:46

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR: CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IDN-PC-XT VERSION AUGUST 1985

C
T1 HAYES, SCAY, MATTERN & MATTERN
T2 FILENAME: EBUIES.HEC ENG: SKE ET: WGH/EKL
T3 EAST BUIES CREEK DATE: 8/15/87

HARNETT CO, NC FIS
COMM 2340A
100-YEAR EVENT

[illegible][illegible]

Cross Section A

[illegible]

NH	7.000	.750	4590.000	.290	4770.000	.230	4986.000	.065	5014.000	.180
NH	5380.000	.290	5610.000	.720	5940.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000

Cross Section B

X1	1800.000	26.000	4986.000	5014.000	1250.000	1250.000	1000.000	.000	.000	.000
GR	160.000	4500.000	158.000	4590.000	150.000	4630.000	140.000	4680.000	131.000	4770.000
GR	130.000	4780.000	124.320	4937.000	123.820	4955.000	123.020	4973.000	124.120	4982.000
GR	123.820	4986.000	122.120	4987.000	121.520	4993.000	121.020	4999.000	120.920	5004.000
GR	122.420	5009.000	124.620	5014.000	124.520	5024.000	123.920	5039.000	123.520	5054.000
GR	129.810	5380.000	130.000	5390.000	138.800	5610.000	140.000	5540.000	150.000	5820.000
GR	160.000	5940.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	7.000	.750	4580.000	.440	4690.000	.380	4985.500	.065	5014.500	.180
NH	5380.000	.290	5570.000	.720	5870.000	.000	.000	.000	.000	.000

Cross Section C

X1	3350.000	21.000	4985.500	5014.500	1525.000	1575.000	1550.000	.000	.000	.000
GR	170.000	4500.000	160.000	4540.000	150.000	4580.000	140.000	4660.000	139.000	4690.000
GR	130.380	4975.500	130.780	4985.500	128.080	4989.500	127.480	4997.500	128.080	5005.500
GR	128.980	5012.500	130.080	5014.500	130.580	5022.500	131.380	5031.500	131.780	5040.500
GR	137.150	5380.000	140.000	5560.000	140.620	5570.000	150.000	5720.000	160.000	5810.000
GR	170.000	5870.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	6.000	.290	4850.000	.180	4991.000	.065	5009.000	.270	5310.000	.420
NH	5500.000	.720	6200.000	.000	.000	.000	.000	.000	.000	.000
X1	4700.000	18.000	4991.000	5009.000	1450.000	1350.000	1350.000	.000	.000	.000
GR	170.000	4710.000	160.000	4790.000	151.430	4850.000	150.000	4860.000	139.700	4982.000
GR	136.300	4991.000	134.400	4993.000	133.300	4999.000	133.200	5002.000	133.600	5006.000
GR	136.000	5009.000	136.000	5019.000	138.640	5310.000	140.000	5460.000	140.750	5500.000
GR	150.000	5990.000	160.000	6100.000	170.000	6200.000	.000	.000	.000	.000

NH	7.000	.750	4750.000	.290	4930.000	.180	4991.000	.065	5009.000	.270
NH	5310.000	.420	5440.000	.720	5540.000	.000	.000	.000	.000	.000

Cross Section D

X1	4950.000	16.000	4991.000	5009.000	250.000	275.000	250.000	.000	.000	.000
GR	170.000	4630.000	160.000	4700.000	152.860	4750.000	150.000	4770.000	140.000	4840.000
GR	137.950	4930.000	136.560	4991.000	135.260	4994.000	134.260	4999.000	134.460	5004.000
GR	136.360	5009.000	140.000	5260.000	143.850	5310.000	150.000	5390.000	153.330	5440.000
GR	160.000	5540.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	6.000	.750	4770.000	.290	4935.000	.170	4985.000	.073	5015.000	.180
NH	5130.000	.250	5950.000	.000	.000	.000	.000	.000	.000	.000
X1	5249.000	35.000	4985.000	5015.000	424.000	324.000	299.000	.000	.000	.000
GR	169.360	4400.000	159.360	4575.000	150.370	4770.000	149.600	4785.000	149.500	4835.000
GR	147.970	4885.000	146.630	4935.000	136.900	4984.980	136.900	4984.990	136.900	4985.000
GR	136.900	4985.010	135.530	4995.000	136.090	4995.250	136.090	4995.260	136.150	4995.500
GR	136.140	4995.750	136.140	4995.760	136.050	4999.990	136.050	5000.000	135.650	5004.750
GR	135.650	5004.760	135.630	5005.600	135.600	5005.250	135.600	5005.260	137.310	5014.970

GR	137.310	5014.980	137.310	5014.990	137.310	5015.000	147.250	5065.000	147.280	5115.000
GR	147.500	5130.000	148.000	5165.000	148.310	5215.000	159.360	5490.000	169.360	5950.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	6.000	.750	4770.000	.290	4935.000	.170	4985.000	.073	5015.000	.180
NH	5130.000	.250	5950.000	.000	.000	.000	.000	.000	.000	.000
X1	5369.000	35.000	4985.000	5015.000	120.000	129.000	120.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	151.750	151.340	.000
GR	170.000	4400.000	160.000	4575.000	151.010	4770.000	150.320	4785.000	150.140	4835.000
GR	148.610	4885.000	147.270	4935.000	137.540	4984.980	137.540	4984.990	137.540	4985.000
GR	137.540	4985.010	136.170	4993.000	136.730	4995.250	136.730	4995.260	136.790	4995.500
GR	136.780	4995.750	136.780	4995.760	136.690	4999.990	136.690	5000.000	136.290	5004.750
GR	136.290	5004.760	136.270	5005.000	136.240	5005.250	136.240	5005.260	137.950	5014.970
GR	137.950	5014.980	137.950	5014.990	137.950	5015.000	147.890	5065.000	147.920	5115.000
GR	148.140	5130.000	148.640	5165.000	148.950	5215.000	160.000	5490.000	170.000	5950.000
NH	6.000	.750	4770.000	.290	4935.000	.170	4985.000	.073	5015.000	.180
NH	5130.000	.250	5950.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.780	2.600	.000	11.000	1.000	204.000	1.830	136.170	136.170

US 421

X1	5431.000	35.000	4985.000	5015.000	62.000	62.000	62.000	.000	.000	.000
X2	.000	.000	1.000	144.350	151.340	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	151.750	151.340	.000
BT	-35.000	4400.000	170.000	170.000	4575.000	160.000	160.000	4770.000	154.450	151.010
BT	.000	4785.000	154.020	150.320	4835.000	153.450	150.140	4885.000	152.780	148.610
BT	.000	4935.000	152.140	147.270	4984.980	151.750	136.540	4984.990	151.750	136.540
BT	.000	4985.000	151.750	136.540	4985.010	151.750	144.350	4993.000	151.700	144.300
BT	.000	4995.250	151.690	144.290	4995.260	151.680	137.920	4995.500	151.680	137.980
BT	.000	4995.750	151.680	137.970	4995.760	151.680	144.280	4999.990	151.660	144.260
BT	.000	5000.000	151.650	144.250	5004.750	151.620	144.220	5004.760	151.620	137.480
BT	.000	5005.000	151.620	137.460	5005.250	151.620	137.430	5005.260	151.620	144.220
BT	.000	5014.970	151.560	144.160	5014.980	151.560	144.160	5014.990	151.560	144.160
BT	.000	5015.000	151.560	136.170	5065.000	151.340	147.890	5115.000	151.420	147.920
BT	.000	5130.000	151.450	148.140	5165.000	151.530	148.640	5215.000	151.910	148.950
BT	.000	5490.000	160.000	160.000	5950.000	170.000	170.000	.000	.000	.000
GR	170.000	4400.000	160.000	4575.000	151.010	4770.000	150.320	4785.000	150.140	4835.000
GR	148.610	4885.000	147.270	4935.000	136.540	4984.980	136.540	4984.990	136.540	4985.000
GR	136.540	4985.010	137.360	4993.000	137.920	4995.250	137.920	4995.260	137.980	4995.500
GR	137.970	4995.750	137.970	4995.760	137.880	4999.990	137.880	5000.000	137.480	5004.750
GR	137.480	5004.760	137.460	5005.000	137.430	5005.250	137.430	5005.260	136.170	5014.970
GR	136.170	5014.980	136.170	5014.990	136.170	5015.000	147.890	5065.000	147.920	5115.000
GR	148.140	5130.000	148.640	5165.000	148.950	5215.000	160.000	5490.000	170.000	5950.000
NH	6.000	.750	4770.000	.290	4935.000	.170	4985.000	.073	5015.000	.180
NH	5130.000	.250	5950.000	.000	.000	.000	.000	.000	.000	.000
X1	5461.000	35.000	4985.000	5015.000	30.000	30.000	30.000	.000	.000	.000
GR	170.230	4400.000	160.230	4575.000	151.240	4770.000	150.550	4785.000	150.370	4835.000
GR	148.840	4885.000	147.500	4935.000	137.770	4984.980	137.770	4984.990	137.770	4985.000
GR	137.770	4985.010	136.400	4993.000	136.960	4995.250	136.960	4995.260	137.020	4995.500
GR	137.010	4995.750	137.010	4995.760	136.920	4999.990	136.920	5000.000	136.520	5004.750
GR	136.520	5004.760	136.500	5005.000	136.470	5005.250	136.470	5005.260	138.180	5014.970
GR	138.180	5014.980	138.180	5014.990	138.180	5015.000	148.120	5065.000	148.150	5115.000

GR	148.370	5130.000	148.870	5165.000	149.180	5215.000	160.230	5490.000	170.230	5950.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	15.410	.000	.000	.000	.000
X1	5546.500	30.000	4982.500	5017.500	85.500	85.500	85.500	.000	.000	.000
GR	169.430	4590.000	159.430	4620.000	150.580	4750.000	148.360	4782.500	144.960	4832.500
GR	143.110	4870.000	142.490	4882.500	141.620	4920.000	141.330	4932.500	138.230	4982.480
GR	138.230	4982.490	138.230	4982.500	138.230	4982.510	136.970	4992.500	137.450	5000.000
GR	137.610	5002.500	136.710	5012.500	137.250	5017.470	137.250	5017.480	137.250	5017.490
GR	137.250	5017.500	142.390	5067.500	142.660	5100.000	142.810	5117.500	142.630	5167.500
GR	143.700	5190.000	144.940	5217.500	147.510	5280.000	159.430	5570.000	169.430	5890.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
X1	5686.500	30.000	4982.500	5017.500	65.000	165.000	140.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	144.740	142.340	.000
GR	170.000	4300.000	160.000	4620.000	151.150	4750.000	148.930	4782.500	145.530	4832.500
GR	143.680	4870.000	143.060	4882.500	142.190	4920.000	141.900	4932.500	138.800	4982.480
GR	138.800	4982.490	138.800	4982.500	138.800	4982.510	137.540	4992.500	138.020	5000.000
GR	138.180	5002.500	137.280	5012.500	137.820	5017.470	137.820	5017.480	137.820	5017.490
GR	137.820	5017.500	142.960	5067.500	143.230	5100.000	143.380	5117.500	143.250	5167.500
GR	144.270	5190.000	145.510	5217.500	148.080	5280.000	160.000	5570.000	170.000	5890.000
NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
SB	1.250	1.680	2.600	.000	18.000	.000	228.000	1.840	137.280	137.280

SR 2054

X1	5713.500	30.000	4982.500	5017.500	27.000	27.000	27.000	.000	.000	.000
X2	.000	.000	1.000	144.580	146.490	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	146.980	146.490	.000
BT	-30.000	4300.000	170.000	170.000	4620.000	160.000	160.000	4750.000	151.150	151.150
BT	.000	4782.500	150.160	148.930	4832.500	148.480	145.530	4870.000	148.000	143.680
BT	.000	4882.500	147.840	143.060	492.000	147.390	142.190	4932.500	147.240	141.900
BT	.000	4982.480	146.980	138.800	497.490	146.980	138.800	4982.500	150.680	138.800
BT	.000	4982.510	150.680	144.580	4992.500	150.650	144.550	5000.000	150.620	144.520
BT	.000	5002.500	150.610	144.510	5012.500	150.580	144.480	5017.470	150.560	144.460
BT	.000	5017.480	150.560	144.460	5017.490	146.860	144.460	5017.500	146.860	137.820
BT	.000	5067.500	146.540	142.960	5100.000	146.610	143.230	5117.500	146.640	143.380
BT	.000	5167.500	146.490	143.250	5190.000	146.640	144.270	5217.500	146.820	145.510
BT	.000	5280.000	148.080	148.080	5570.000	160.000	160.000	5890.000	170.000	170.000
GR	170.000	4300.000	160.000	4620.000	151.150	4750.000	148.930	4782.500	145.530	4832.500
GR	143.680	4870.000	143.060	4882.500	142.190	4920.000	141.900	4932.500	138.800	4982.480
GR	138.800	4982.490	138.800	4982.500	138.800	4982.510	137.540	4992.500	138.020	5000.000
GR	138.180	5002.500	137.280	5012.500	137.820	5017.470	137.820	5017.480	137.820	5017.490
GR	137.820	5017.500	142.960	5067.500	143.230	5100.000	143.380	5117.500	143.250	5167.500
GR	144.270	5190.000	145.510	5217.500	148.080	5280.000	160.000	5570.000	170.000	5890.000

NH	7.000	.750	4750.000	.290	4920.000	.170	4982.500	.073	5017.500	.180
NH	5100.000	.250	5280.000	.720	5890.000	.000	.000	.000	.000	.000
X1	5748.500	30.000	4982.500	5017.500	35.000	35.000	35.000	.000	.000	.000
GR	170.250	4300.000	160.250	4620.000	151.400	4750.000	149.180	4782.500	145.780	4832.500
GR	143.930	4870.000	143.310	4882.500	142.440	4920.000	142.150	4932.500	139.050	4982.480
GR	139.050	4982.490	139.050	4982.500	139.050	4982.510	137.790	4992.500	138.270	5000.000
GR	138.430	5002.500	137.530	5012.500	138.070	5017.470	138.070	5017.480	138.070	5017.490
GR	136.070	5017.500	143.210	5067.500	143.480	5100.000	143.630	5117.500	143.500	5167.500
GR	144.520	5190.000	145.760	5217.500	148.330	5280.000	160.250	5570.000	170.250	5890.000
YC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
QT	6.000	597.000	1270.000	1664.000	3115.000	1664.000	214.000	.000	.000	.000
NH	6.000	.240	4850.000	.170	4987.500	.073	5012.500	.180	5300.000	.250
NH	5600.000	.720	5820.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

Cross Section E

X1	6500.000	21.000	4987.500	5012.500	851.500	701.500	751.000	.000	.000	.000
GR	180.000	4680.000	170.000	4800.000	162.310	4850.000	160.000	4865.000	150.000	4910.000
GR	142.630	4967.500	143.230	4977.500	143.530	4987.500	142.930	4991.500	141.330	4996.500
GR	142.130	5001.500	142.030	5006.500	143.030	5011.500	143.730	5012.500	143.530	5032.500
GR	143.430	5042.500	148.070	5380.000	150.000	5520.000	160.000	5545.000	162.000	5600.000
GR	137.000	5820.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	.750	4650.000	.240	4850.000	.170	4987.430	.073	5012.570	.130
NH	5380.000	.250	5600.000	.720	6175.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000
X1	7000.000	19.000	4987.430	5012.570	512.000	500.000	500.000	.000	.000	.000
GR	180.000	4395.000	170.000	4520.000	160.000	4640.000	158.750	4650.000	150.000	4720.000
GR	148.220	4850.000	146.340	4987.430	145.910	4991.630	144.210	4995.810	143.910	5000.010
GR	143.850	5004.180	144.710	5008.380	146.310	5012.570	150.000	5250.000	158.670	5380.000
GR	160.000	5400.000	167.270	5600.000	170.000	5675.000	180.000	6175.000	.000	.000
NH	7.000	.750	4610.000	.240	4760.000	.180	4987.340	.073	5012.670	.210
NH	5180.000	.290	5300.000	.720	6205.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4920.000	5045.000
X1	7800.000	19.000	4987.340	5012.670	820.000	800.000	800.000	.000	.000	.000
GR	190.000	4250.000	180.000	4330.000	170.000	4400.000	160.000	4500.000	157.830	4610.000
GR	154.870	4760.000	150.390	4987.340	149.960	4991.560	148.260	4995.780	147.960	5000.010
GR	147.900	5004.210	148.760	5008.450	150.360	5012.670	154.870	5180.000	158.110	5300.000
GR	160.000	5370.000	170.000	5480.000	180.000	5655.000	190.000	6205.000	.000	.000
NH	7.000	.750	4610.000	.240	4760.000	.180	4987.000	.073	5013.000	.210
NH	5180.000	.290	5295.000	.720	5395.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	11.410	.000	.000	.000	.000

Cross Section F

X1	8500.000	20.000	4987.000	5013.000	718.000	700.000	700.000	.000	.000	.000
GR	180.000	4540.000	170.000	4590.000	166.920	4610.000	160.000	4655.000	158.550	4760.000
GR	155.540	4977.000	155.040	4982.000	155.040	4987.000	154.740	4992.000	153.040	4995.000
GR	151.740	5000.000	151.440	5005.000	153.240	5010.000	154.740	5013.000	155.440	5023.000
GR	154.640	5033.000	158.190	5180.000	160.000	5255.000	170.000	5295.000	180.000	5395.000

NH	7.000	.750	4615.000	.240	4760.000	.180	4986.830	.073	5013.170	.210
NH	5180.000	.290	5300.000	.720	5810.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.410	.000	.000	.000	.000
X1	9018.500	18.000	4986.830	5013.170	518.500	533.000	518.500	.000	.000	.000
GR	190.000	4535.000	180.000	4615.000	170.000	4695.000	161.880	4760.000	160.000	4775.000
GR	155.910	4986.830	155.730	4991.220	154.670	4995.600	154.160	5000.010	154.060	5004.400
GR	154.880	5008.790	155.950	5013.170	157.700	5180.000	158.950	5300.000	160.000	5400.000
GR	170.000	5475.000	180.000	5685.000	190.000	5810.000	.000	.000	.000	.000

NH	7.000	.750	4630.000	.240	4836.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000
X1	9418.500	40.000	4986.500	5013.500	400.000	411.000	400.000	.000	.000	.000
GR	209.330	4170.000	199.330	4430.000	191.330	4630.000	189.330	4680.000	170.330	4786.500
CR	169.530	4800.000	167.360	4836.500	164.450	4880.000	164.020	4886.500	158.430	4936.500
GR	156.320	4986.480	156.320	4986.490	156.320	4986.500	156.320	4986.510	156.090	4995.300
GR	156.090	4995.310	156.080	4995.500	156.080	4995.700	156.080	4995.710	156.110	5000.000
GR	156.130	5004.300	156.130	5004.310	156.130	5004.500	156.140	5004.700	156.140	5004.710
GR	156.640	5013.470	156.640	5013.480	156.640	5013.490	156.640	5013.500	163.530	5063.500
GR	163.330	5113.500	163.540	5125.000	164.260	5163.500	164.060	5185.000	163.790	5213.500
GR	179.330	5285.000	184.190	5370.000	189.330	5460.000	199.330	5810.000	209.330	6010.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	.750	4630.000	.240	4836.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
X1	9526.500	40.000	4986.500	5013.500	108.000	108.000	108.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	163.480	163.150	.000
GR	210.000	4170.000	200.000	4430.000	192.000	4630.000	190.000	4680.000	171.000	4786.500
GR	170.200	4800.000	168.030	4836.500	165.120	4880.000	164.690	4886.500	159.100	4936.500
GR	156.990	4986.480	156.990	4986.490	156.990	4986.500	156.990	4986.510	156.760	4995.300
GR	156.760	4995.310	156.750	4995.500	156.750	4995.700	156.750	4995.710	156.780	5000.000
GR	156.800	5004.300	156.800	5004.310	156.800	5004.500	156.810	5004.700	156.810	5004.710
GR	157.310	5013.470	157.310	5013.480	157.310	5013.490	157.310	5013.500	164.200	5063.500
GR	164.000	5113.500	164.210	5125.000	164.930	5163.500	164.000	5185.000	164.460	5213.500
GR	180.000	5285.000	184.860	5370.000	190.000	5460.000	200.000	5810.000	210.000	6010.000

NH	7.000	.750	4630.000	.240	4836.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	9.500	.800	204.000	1.840	156.750	156.750

NC 27

X1	9573.500	40.000	4986.500	5013.500	47.000	47.000	47.000	.000	.000	.000
X2	.000	.000	1.000	165.170	165.690	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	165.690	165.690	.000
BT	-40.000	4170.000	210.000	210.000	4430.000	200.000	200.000	4630.000	192.000	192.000
BT	.000	4680.000	190.000	190.000	4786.500	172.500	171.000	4800.000	171.740	170.200

BT	.000	4836.500	169.670	168.030	4880.000	167.270	165.120	4886.500	166.910	164.690
BT	.000	4936.500	168.440	159.100	4986.480	169.970	156.990	4986.490	169.970	156.990
BT	.000	4986.500	169.970	156.990	4986.510	169.970	165.170	4995.300	169.650	164.850
BT	.000	4995.310	169.650	156.760	4995.500	169.640	156.750	4995.700	169.640	156.750
BT	.000	4995.710	169.640	164.840	5000.000	169.480	164.680	5004.300	169.320	164.520
BT	.000	5004.310	169.320	156.800	5004.500	169.320	156.800	5004.700	169.310	156.810
RT	.000	5004.710	169.310	164.510	5013.470	168.990	164.190	5013.480	168.990	164.190
BT	.000	5013.490	168.990	164.190	5013.500	168.990	157.310	5063.500	167.500	164.200
BT	.000	5113.500	166.550	164.000	5125.000	166.400	164.210	5163.500	165.900	164.930
BT	.000	5185.000	165.810	164.730	5213.500	165.690	164.460	5285.000	180.000	180.000
BT	.000	5370.000	184.860	184.860	5460.000	190.000	190.000	5810.000	200.000	200.000
BT	.000	6010.000	210.000	210.000	.000	.000	.000	.000	.000	.000
GR	210.000	4170.000	200.000	4430.000	192.000	4630.000	190.000	4680.000	171.000	4786.500
GR	170.200	4800.000	168.030	4836.500	165.120	4880.000	164.690	4886.500	159.100	4936.500
GR	156.990	4986.480	156.990	4986.490	156.990	4986.500	156.990	4986.510	156.760	4995.300
GR	156.760	4995.310	156.750	4995.500	156.750	4995.700	156.750	4995.710	156.780	5000.000
GR	156.800	5004.300	156.800	5004.310	156.800	5004.500	156.810	5004.700	156.810	5004.710
GR	157.310	5013.470	157.310	5013.480	157.310	5013.490	157.310	5013.500	164.200	5063.500
GR	164.000	5113.500	164.210	5125.000	164.930	5163.500	164.730	5185.000	164.460	5213.500
GR	180.000	5285.000	184.860	5370.000	190.000	5460.000	200.000	5810.000	210.000	6010.000
NH	7.000	.750	4630.000	.240	4836.500	.180	4986.500	.073	5013.500	.210
NH	5163.500	.290	5370.000	.720	6010.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000
X1	9600.500	40.000	4986.500	5013.500	27.000	27.000	27.000	.000	.000	.000
GR	210.550	4170.000	200.550	4430.000	192.550	4630.000	190.550	4680.000	171.550	4786.500
GR	170.750	4800.000	168.580	4836.500	165.670	4880.000	165.240	4886.500	159.650	4936.500
GR	157.540	4986.480	157.540	4986.490	157.540	4986.500	157.540	4986.510	157.310	4995.300
GR	157.310	4995.310	157.300	4995.500	157.300	4995.700	157.300	4995.710	157.330	5000.000
GR	157.350	5004.300	157.350	5004.310	157.350	5004.500	157.360	5004.700	157.360	5004.710
GR	157.860	5013.470	157.860	5013.480	157.860	5013.490	157.860	5013.500	164.750	5063.500
GR	164.550	5113.500	164.760	5125.200	165.480	5163.500	165.280	5185.000	165.010	5213.500
GR	180.550	5285.000	185.410	5370.000	190.550	5460.000	200.550	5810.000	210.550	6010.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	.750	4710.000	.240	4820.000	.180	4987.000	.073	5013.000	.210
NH	5150.000	.290	5300.000	.720	5540.000	.000	.000	.000	.000	.000

Cross Section G

X1	10050.000	22.000	4987.000	5013.000	424.500	449.500	449.500	.000	.000	.000
GR	200.000	4480.000	190.000	4620.000	182.500	4710.000	180.000	4740.000	175.000	4820.000
GR	170.000	4900.000	167.310	4979.000	166.810	4983.000	163.810	4987.000	163.210	4993.000
GR	162.510	4998.000	162.210	5003.000	163.010	5011.000	164.210	5013.000	164.010	5020.000
GR	163.610	5027.000	170.000	5120.000	173.000	5150.000	180.000	5220.000	184.000	5300.000
GR	190.000	5420.000	200.000	5540.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.070	.000	.000
NH	7.000	.750	4690.000	.330	4830.000	.180	4947.500	.073	5052.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000

X1	10435.000	64.000	4956.500	5052.500	410.800	410.800	385.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	177.760	179.690	.000
GR	210.000	3965.000	200.000	4065.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4948.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500
GR	167.920	4990.500	167.240	4998.250	167.240	4998.260	167.170	4999.000	167.170	4999.010
GR	167.130	4999.500	167.100	5000.000	167.090	5000.010	167.040	5000.750	167.040	5000.760
GR	166.580	5007.500	161.640	5015.250	167.640	5015.260	167.740	5016.000	167.740	5016.010
GR	167.810	5016.500	167.970	5017.000	167.970	5017.010	168.210	5017.750	168.210	5017.760
GR	169.720	5022.500	174.740	5033.000	174.750	5033.010	174.980	5033.500	175.040	5034.000
GR	175.040	5034.010	176.080	5042.500	177.800	5051.490	177.800	5051.500	177.990	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.000	5290.000	210.000	5630.000	.000	.000
NH	7.000	.750	4690.000	.330	4830.000	.180	4948.500	.073	5051.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000

SR 2002

X1	10436.000	64.000	4948.500	5051.500	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.410	181.390	.000
BT	-64.000	3965.000	210.000	210.000	4065.000	200.000	200.000	4590.000	190.000	190.000
BT	.000	4690.000	187.990	186.520	4747.500	186.840	184.520	4797.500	184.730	183.800
BT	.000	4830.000	183.830	179.440	4847.500	183.350	177.100	4897.500	181.980	174.530
BT	.000	4947.500	181.410	174.100	4948.500	183.810	174.480	4948.510	183.810	179.810
BT	.000	4956.500	183.810	179.810	4965.000	183.810	179.810	4965.010	183.810	175.300
BT	.000	4965.500	183.810	175.170	4966.000	183.810	175.080	4966.010	183.810	179.810
BT	.000	4973.500	183.810	179.810	4982.000	183.800	179.800	4982.010	183.800	171.480
BT	.000	4982.500	183.800	171.350	4983.000	183.800	171.190	4983.010	183.800	179.800
BT	.000	4987.500	183.800	179.800	4990.500	183.800	179.800	4998.250	183.800	179.800
BT	.000	4998.260	183.800	179.800	4999.000	183.800	179.800	4999.010	183.800	169.690
BT	.000	4999.500	183.800	169.690	5000.000	183.800	169.690	5000.010	183.800	179.800
BT	.000	5000.750	183.800	179.800	5000.760	183.800	179.800	5007.500	183.800	179.600
BT	.000	5015.250	183.800	179.800	5015.260	183.800	179.800	5016.000	183.800	179.800
BT	.000	5016.010	183.800	169.640	5016.500	183.800	169.640	5017.000	183.800	169.640
BT	.000	5017.010	183.800	179.800	5017.750	183.800	179.800	5017.760	183.800	179.800
BT	.000	5022.500	183.800	179.800	5033.000	183.790	179.790	5033.010	183.790	174.750
BT	.000	5033.500	183.790	174.980	5034.000	183.790	175.040	5034.010	183.790	179.790
BT	.000	5042.500	183.790	179.790	5051.490	183.790	179.790	5051.500	183.790	177.800
BT	.000	5052.490	183.790	177.990	5052.500	181.390	177.990	5070.000	181.510	178.790
BT	.000	5102.500	181.730	180.280	5120.000	182.340	181.400	5152.500	183.470	183.470
BT	.000	5202.500	185.870	185.870	5270.000	196.770	196.770	5290.000	200.000	200.000
BT	.000	5630.000	210.000	210.000	.000	.000	.000	.000	.000	.000
GR	210.000	3965.000	200.000	4065.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4948.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500
GR	167.920	4990.500	167.240	4998.250	169.690	4998.260	169.690	4999.000	169.690	4999.010
GR	169.690	4999.500	169.690	5000.000	169.690	5000.010	169.690	5000.750	167.040	5000.760
GR	166.580	5007.500	167.640	5015.250	169.640	5015.260	169.640	5016.000	169.640	5016.010
GR	169.640	5016.500	167.640	5017.000	169.640	5017.010	169.640	5017.750	168.210	5017.760

GR	169.720	5022.500	174.740	5033.000	174.750	5033.010	174.980	5033.500	175.040	5034.000
GR	175.040	5034.010	176.080	5042.500	177.800	5051.490	177.800	5051.500	177.990	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.000	5290.000	210.000	5630.000	.000	.000
NH	7.000	.750	4690.000	.330	4830.000	.180	4948.500	.073	5051.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000
X1	10463.000	64.000	4948.500	5051.500	26.400	26.400	26.400	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.410	181.390	.000
BT	-64.000	3965.000	210.000	210.000	4065.000	200.000	200.000	4590.000	190.000	190.000
BT	.000	4690.000	187.990	186.520	4747.500	186.840	184.520	4797.500	184.730	183.800
BT	.000	4830.000	183.830	179.440	4847.500	183.350	177.100	4897.500	181.980	174.530
BT	.000	4947.500	181.410	174.100	4948.500	183.810	174.480	4948.510	183.810	179.810
BT	.000	4956.500	183.810	179.810	4965.000	183.810	179.810	4965.010	183.810	175.300
BT	.000	4965.500	183.810	175.170	4966.000	183.810	175.080	4966.010	183.810	179.810
BT	.000	4973.500	183.810	179.810	4982.000	183.800	179.800	4982.010	183.800	171.480
BT	.000	4982.500	183.800	171.350	4983.000	183.800	171.190	4983.010	183.800	179.800
BT	.000	4987.500	183.800	179.800	4990.500	183.800	179.800	4998.250	183.800	179.800
BT	.000	4998.260	183.800	179.800	4999.000	183.800	179.800	4999.010	183.800	169.690
BT	.000	4999.500	183.800	169.690	5000.000	183.800	169.690	5000.010	183.800	179.800
PT	.000	5000.750	183.800	179.800	5000.760	183.800	179.800	5007.500	183.800	179.800
LT	.000	5015.250	183.800	179.800	5015.260	183.800	179.800	5015.000	183.800	179.800
LT	.000	5016.010	183.800	169.640	5016.500	183.800	169.640	5017.000	183.800	169.640
BT	.000	5017.010	183.800	179.800	5017.750	183.800	179.800	5017.760	183.800	179.800
BT	.000	5022.500	183.800	179.800	5033.000	183.790	179.790	5033.010	183.790	174.750
BT	.000	5033.500	183.790	174.980	5034.000	183.790	175.040	5034.010	183.790	179.790
BT	.000	5042.500	183.790	179.790	5051.490	183.790	179.790	5051.500	183.790	177.800
BT	.000	5052.490	183.790	177.990	5052.500	181.390	177.990	5070.000	181.510	178.790
BT	.000	5102.500	181.730	180.280	5120.000	182.340	181.400	5152.500	183.470	183.470
BT	.000	5202.500	185.870	185.870	5270.000	196.770	196.770	5290.000	200.000	200.000
BT	.000	5630.000	210.000	210.000	.000	.000	.000	.000	.000	.000
GR	210.000	3965.000	200.000	4065.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4948.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500
GR	167.920	4990.500	167.240	4998.250	169.690	4998.260	169.690	4999.000	169.690	4999.010
GR	169.690	4999.500	169.690	5000.000	169.690	5000.010	169.690	5000.750	167.040	5000.760
GR	166.580	5007.500	167.640	5015.250	169.640	5015.260	169.640	5016.000	169.640	5016.010
GR	169.640	5016.500	169.640	5017.000	169.640	5017.010	169.640	5017.750	168.210	5017.760
GR	169.720	5022.500	174.740	5033.000	174.750	5033.010	174.980	5033.500	175.040	5034.000
GR	175.040	5034.010	176.080	5042.500	177.800	5051.490	177.800	5051.500	177.990	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.000	5290.000	210.000	5630.000	.000	.000
NH	7.000	.750	4690.000	.330	4830.000	.180	4947.500	.073	5052.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000
X1	10464.000	64.000	4956.500	5052.500	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.410	181.390	.000
GR	210.000	3965.000	200.000	4065.000	190.000	4590.000	186.520	4690.000	184.520	4747.500
GR	183.800	4797.500	179.440	4830.000	177.100	4847.500	174.530	4897.500	174.100	4947.500
GR	174.480	4948.500	174.480	4948.510	177.480	4956.500	175.300	4965.000	175.300	4965.010
GR	175.170	4965.500	175.080	4966.000	175.070	4966.010	173.650	4973.500	171.480	4982.000
GR	171.480	4982.010	171.350	4982.500	171.190	4983.000	171.180	4983.010	169.720	4987.500

GR	167.920	4990.500	167.240	4998.250	167.240	4998.260	167.170	4999.000	167.170	4999.010
GR	167.130	4999.500	167.100	5009.000	167.090	5000.010	167.040	5000.750	167.040	5000.760
GR	166.580	5007.500	167.640	5015.250	167.640	5015.260	167.740	5016.000	167.740	5016.010
GR	167.810	5016.500	167.970	5017.000	167.970	5017.010	168.210	5017.750	168.210	5017.760
GR	169.720	5022.500	174.740	5033.000	174.751	5033.010	174.980	5033.500	175.040	5034.000
GR	175.040	5034.010	176.080	5042.500	177.801	5051.490	177.800	5051.500	177.970	5052.490
GR	177.990	5052.500	178.790	5070.000	180.280	5102.500	181.400	5120.000	183.470	5152.500
GR	185.870	5202.500	196.770	5270.000	200.009	5290.000	210.000	5630.000	.000	.000

NH	7.000	.750	4690.000	.330	4830.000	.180	4947.500	.073	5052.500	.210
NH	5070.000	.290	5270.000	.720	5630.000	.000	.000	.000	.000	.000
X1	10569.000	64.000	4956.500	5052.500	105.000	105.000	105.000	.000	.000	.000
GR	210.450	3965.000	200.450	4065.000	190.450	4590.000	186.970	4690.000	184.970	4747.500
GR	184.250	4797.500	179.890	4830.000	177.550	4847.500	174.980	4897.500	174.550	4947.500
GR	174.930	4948.500	174.930	4948.510	177.930	4956.500	175.750	4965.000	175.750	4965.010
GR	175.620	4965.500	175.530	4966.000	175.520	4966.010	174.100	4973.500	171.930	4982.000
GR	171.930	4982.010	171.800	4982.500	171.640	4983.000	171.630	4983.010	170.170	4987.500
GR	168.370	4990.500	167.690	4998.250	167.690	4998.260	167.620	4999.000	167.620	4999.010
GR	167.580	4999.500	167.550	5000.000	167.540	5000.010	167.490	5000.750	167.490	5000.760
GR	167.030	5007.500	168.090	5015.250	168.090	5015.260	168.190	5016.000	168.190	5016.010
GR	168.260	5016.500	168.420	5017.000	168.420	5017.010	168.660	5017.750	168.660	5017.760
GR	170.170	5022.500	175.190	5033.000	175.200	5033.010	175.430	5033.500	175.490	5034.000
GR	175.490	5034.010	176.530	5042.500	178.250	5051.490	178.250	5051.500	178.440	5052.490
GR	178.440	5052.500	179.240	5070.000	180.730	5102.500	181.850	5120.000	183.920	5152.500
GR	186.320	5202.500	197.220	5270.000	200.450	5290.000	210.450	5630.000	.000	.000

NC	.000	.000	.000	.160	.300	.000	.000	.000	.000	.000
NH	7.000	.750	4700.000	.330	48,000.000	.280	4987.500	.085	5012.500	.290
NH	5180.000	.310	5310.000	.720	5710.000	.000	.000	.000	.000	.000

Cross Section H

X1	11750.000	18.000	4987.500	5012.500	1205.800	1260.800	1180.800	.000	.000	.000
GR	210.000	4170.000	200.000	4500.000	192.860	4700.000	190.000	4780.000	186.250	4810.000
GR	180.000	4860.000	174.710	4987.500	172.710	4995.500	171.710	5000.500	171.460	5005.500
GR	172.510	5010.500	174.510	5012.500	180.000	5150.000	183.000	5180.000	190.000	5250.000
GR	198.570	5310.000	200.000	5320.000	210.000	5710.000	.000	.000	.000	.000

NH	7.000	.750	4620.000	.330	4720.000	.200	4982.500	.085	5017.500	.230
NH	5180.000	.310	5390.000	.720	6570.000	.000	.000	.000	.000	.00
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.00

Cross Section 1

X1	13330.000	27.000	4982.500	5017.500	1600.000	1625.000	1580.000	.000	.000	.000
GR	220.000	4150.000	210.000	4290.000	200.000	4480.000	192.630	4620.000	190.000	4670.000
GR	189.120	4720.000	185.200	4941.500	184.300	4946.500	183.800	4953.500	182.800	4960.500
GR	182.100	4967.500	181.200	4982.500	179.200	4990.500	178.300	4995.500	177.600	5000.500
GR	177.600	5005.500	177.400	5010.500	179.200	5015.500	180.000	5017.500	180.500	5022.500
GR	180.600	5027.500	186.770	5180.000	190.000	5260.000	196.840	5390.000	200.000	5450.000
GR	210.000	5810.000	220.000	6570.000	.000	.000	.000	.000	.000	.000

NH	7.000	.750	4760.000	.330	4860.000	.260	4991.500	.085	5008.500	.230
NH	5120.000	.310	5310.000	.720	6220.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

Cross Section J

X1	14580.000	27.000	4991.500	5008.500	1325.000	1275.000	1250.000	.000	.000	.000
GR	220.000	3690.000	210.000	4560.000	201.670	4760.000	200.000	4800.000	192.690	4860.000
GR	183.790	4931.500	183.690	4941.500	183.990	4951.500	183.790	4961.500	184.090	4971.500
GR	183.890	4981.500	184.590	4991.500	185.490	4992.500	182.090	4996.500	182.890	5001.500
GR	183.690	5007.500	184.590	5008.500	184.590	5018.500	184.590	5028.500	184.190	5038.500
GR	184.290	5048.500	188.310	5120.000	190.000	5150.000	200.000	5280.000	203.330	5310.000
GR	210.000	5370.000	220.000	6220.000	.000	.000	.000	.000	.000	.000

NH	7.000	.750	4760.000	.330	4860.000	.260	4985.750	.085	5014.250	.230
NH	5120.000	.310	5310.000	.720	6195.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4931.000	5056.000
X1	15117.000	19.000	4985.750	5014.250	523.000	551.000	537.000	.000	.000	.000
GR	220.000	3690.000	210.000	4565.000	201.700	4760.000	200.000	4800.000	193.330	4860.000
GR	190.000	4890.000	187.650	4985.750	185.730	4990.500	184.610	4995.250	184.330	5000.000
GR	184.110	5004.750	185.530	5009.500	187.900	5014.250	190.000	5060.000	191.500	5120.000
GR	196.250	5310.000	200.000	5460.000	210.000	5770.000	220.000	6195.000	.000	.000

QT	6.000	511.000	1101.000	1452.000	2763.000	1452.000	180.000	.000	.000	.000
NH	7.000	.750	4610.000	.330	4800.000	.260	4981.500	.085	5018.500	.230
NH	5030.000	.310	5210.000	.720	5400.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4954.000	5029.000
X1	15517.000	27.000	4981.500	5018.500	389.000	411.000	400.000	.000	.000	.000
GR	209.390	4100.000	199.390	4460.000	196.940	4610.000	193.840	4800.000	193.330	4831.500
GR	192.780	4881.500	192.360	4931.500	191.450	4981.500	191.090	4982.500	191.080	4982.510
GR	189.260	4987.500	188.140	4991.500	186.780	4999.510	186.710	5000.000	186.630	5000.510
GR	185.610	5007.500	189.260	5014.500	192.030	5018.480	192.040	5018.490	192.040	5018.500
GR	192.470	5030.000	193.900	5068.500	194.550	5118.500	194.290	5168.500	199.390	5180.000
GR	200.750	5210.000	209.390	5400.000	.000	.000	.000	.000	.000	.000

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SR 1516

[illegible]

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THIS RUN EXECUTED 08-17-87 10:54:03

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XI VERSION AUGUST 1985

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

EAST BUIES CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
400.000	121.50	-3.50	121.63	632.53	508.20	668.93	696.87	.00	.00	4987.00	5013.00	.00
400.000	121.50	.00	121.85	198.62	304.49	944.83	624.68	.37	4928.82	4987.00	5013.00	5127.45
800.000	122.96	.00	123.06	531.08	226.43	609.61	1037.95	.00	.00	4987.00	5013.00	.00
800.000	123.87	.91	124.02	217.75	.00	767.32	1106.68	.36	4987.00	4987.00	5013.00	5204.75
1800.000	127.90	.00	128.08	443.40	350.00	841.43	682.57	.00	.00	4986.00	5014.00	.00
1800.000	128.85	.95	129.10	151.80	163.35	1023.98	686.67	.27	4959.47	4986.00	5014.00	5111.27
3350.000	135.27	.00	135.58	445.38	230.93	1149.51	493.57	.00	.00	4985.50	5014.50	.00
3350.000	135.98	.71	136.43	108.01	22.51	1382.31	469.19	.25	4978.33	4985.50	5014.50	5086.34
4700.000	141.33	.00	141.47	567.96	39.55	665.07	1169.38	.00	.00	4991.00	5009.00	.00
4700.000	142.36	1.03	142.49	218.64	.00	698.89	1175.11	.25	4991.00	4991.00	5009.00	5209.64
4950.000	142.22	.00	142.32	464.44	558.26	563.72	752.02	.00	.00	4991.00	5009.00	.00
4950.000	143.18	.96	143.31	227.89	463.98	666.44	743.58	.23	4930.16	4991.00	5009.00	5158.05
5249.000	143.34	.00	144.00	93.40	190.83	1535.17	148.00	.00	.00	4985.00	5015.00	.00
5249.000	144.03	.69	144.97	32.54	22.80	1851.19	.00	.16	4982.46	4985.00	5015.00	5015.00
5369.000	144.35	.00	145.42	30.00	.00	1874.00	.00	.00	.00	4985.00	5015.00	.00
5369.000	145.19	.84	146.06	30.00	.00	1874.00	.00	.00	4985.00	4985.00	5015.00	5015.00
5431.000	145.87	.00	146.68	30.00	.00	1874.00	.00	.00	.00	4985.00	5015.00	.00
5431.000	146.87	1.00	147.52	30.00	.00	1874.00	.00	.00	4985.00	4985.00	5015.00	5015.00
5461.000	146.68	.00	146.97	118.62	254.85	1411.35	207.79	.00	.00	4985.00	5015.00	.00
5461.000	147.32	.64	147.72	49.80	141.56	1648.67	83.77	.15	4973.42	4985.00	5015.00	5023.22
5546.500	147.05	.00	147.10	467.23	488.40	824.64	560.96	.00	.00	4982.50	5017.50	.00
5546.500	147.80	.74	147.88	153.16	338.39	1059.76	475.85	.29	4939.47	4982.50	5017.50	5092.64

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PAUL 40

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QNO9	PERENC	STENCL	STCHL	STCHR	STENCR
5686.500	147.15	.00	147.20	448.61	478.50	856.88	538.61	.00	.00	4982.50	5017.50	.00
5686.500	147.92	.77	148.02	137.60	319.06	1112.22	442.73	.30	4943.86	4982.50	5017.50	5081.46
5713.500	147.74	.00	147.78	471.80	490.65	817.22	566.13	.00	.00	4982.50	5017.50	.00
5713.500	148.58	.84	148.67	137.60	320.89	1098.40	454.70	.29	4943.86	4982.50	5017.50	5081.46
5748.500	147.76	.00	147.81	463.07	486.30	831.55	556.15	.00	.00	4982.50	5017.50	.00
5748.500	148.62	.86	148.70	150.23	334.98	1067.71	471.31	.29	4940.33	4982.50	5017.50	5090.56
6500.000	148.60	.00	148.65	497.34	254.21	494.89	914.90	.00	.00	4987.50	5012.50	.00
6500.000	149.62	1.02	149.69	189.31	.00	577.93	1086.07	.33	4987.50	4987.50	5012.50	5176.81
7000.000	150.12	.00	150.22	532.88	528.84	557.11	578.05	.00	.00	4987.43	5012.57	.00
7000.000	151.11	.99	151.26	161.81	404.38	692.80	566.82	.36	4922.37	4987.43	5012.57	5084.18
7800.000	154.65	.00	154.88	400.98	531.03	793.94	339.03	.00	.00	4987.34	5012.67	.00
7800.000	155.29	.63	155.61	125.00	501.47	944.71	217.82	125.00	4920.00	4987.34	5012.67	5045.00
8500.000	159.02	.00	159.18	488.12	461.28	726.90	475.82	.00	.00	4987.00	5013.00	.00
8500.000	159.92	.90	160.21	124.69	400.31	983.47	280.22	.40	4926.56	4987.00	5013.00	5051.26
9018.500	160.83	.00	160.88	637.89	475.91	481.69	706.40	.00	.00	4986.87	5013.17	.00
9018.500	161.86	1.03	161.93	233.33	382.28	605.31	676.41	.31	4920.06	4986.83	5013.17	5153.42
9418.500	162.15	.00	162.49	150.20	570.88	956.37	136.75	.00	.00	4986.50	5013.50	.00
9418.500	163.00	.86	163.48	64.93	487.28	1176.72	.00	.22	4948.58	4986.50	5013.50	5013.50
9526.500	162.88	.00	164.53	27.00	.00	1664.00	.00	.00	.00	4986.50	5013.50	.00
9526.500	163.89	1.01	165.10	27.00	.00	1664.00	.00	.45	4986.50	4986.50	5013.50	5013.50
* 9573.500	164.41	.00	165.45	27.00	.00	1664.00	.00	.00	.00	4986.50	5013.50	.00
* 9573.500	164.48	.07	165.50	27.00	.00	1664.00	.00	.00	4986.50	4986.50	5013.50	5013.50
9600.500	165.72	.00	165.84	337.65	618.28	828.38	217.34	.00	.00	4986.50	5013.50	.00
9600.500	165.68	.05	165.89	90.35	547.92	1013.55	102.53	.24	4936.60	4986.50	5013.50	5027.03
* 10050.000	167.22	.00	168.80	99.81	18.26	1282.15	363.59	.00	.00	4987.00	5013.00	.00
* 10050.000	167.91	.69	170.44	26.00	.00	1664.00	.00	.28	4987.00	4987.00	5013.00	5013.00
10435.000	174.83	.00	175.23	65.95	.00	1664.00	.00	.00	.00	4956.50	5052.50	.00
10435.000	175.67	.84	175.96	75.63	.00	1664.00	.00	.00	4956.50	4956.50	5052.50	5052.50
10436.000	174.80	.00	175.28	66.56	.00	1664.00	.00	.00	.00	4948.50	5051.50	.00
10436.000	175.66	.85	175.99	78.56	.00	1664.00	.00	.00	4948.50	4948.50	5051.50	5051.50
10463.000	175.17	.00	175.58	71.39	.00	1664.00	.00	.00	.00	4948.50	5051.50	.00
10463.000	175.89	.72	176.19	81.98	.00	1664.00	.00	.00	4948.50	4948.50	5051.50	5051.50
10464.000	175.27	.00	175.61	70.74	.00	1664.00	.00	.00	.00	4956.50	5052.50	.00
10464.000	175.95	.69	176.21	79.01	.00	1664.00	.00	.00	4956.50	4956.50	5052.50	5052.50

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SECNO	CWSEL	DIFKWS	EG	TOPWID	OLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10569.000	175.96	.00	176.25	146.62	48.16	1615.84	.00	.00	.00	4956.50	5052.50	.00
10569.000	176.45	.49	176.71	79.58	.00	1664.00	.00	.07	4956.50	4956.50	5052.50	5052.50
I 11750.000	181.20	.00	181.34	311.55	373.06	885.34	405.61	.00	.00	4987.50	5012.50	.00
11750.000	181.72	.53	181.96	113.96	268.87	1081.92	313.21	.25	4946.36	4987.50	5012.50	5060.32
J 13330.000	186.51	.00	186.67	306.57	175.25	1083.28	405.47	.00	.00	4982.50	5017.50	.00
13330.000	187.46	.94	187.66	90.62	44.98	1272.27	346.75	.22	4974.63	4982.50	5017.50	5065.25
14580.000	190.65	.00	190.72	282.69	589.45	463.60	610.95	.00	.00	4991.50	5008.50	.00
14580.000	191.57	.92	191.67	140.71	511.81	571.48	580.71	.24	4934.84	4991.50	5008.50	5075.55
15117.000	192.68	.00	192.89	301.48	396.60	981.10	286.29	.00	.00	4985.75	5014.25	.00
15117.000	193.54	.86	193.78	125.00	321.50	1112.17	230.32	125.00	4931.00	4985.75	5014.25	5056.00
15517.000	194.83	.00	195.06	430.40	289.73	1092.55	69.72	.00	.00	4981.50	5018.50	.00
15517.000	195.55	.72	195.87	75.00	103.09	1317.29	31.61	75.00	4954.00	4981.50	5018.50	5029.00
15665.000	195.70	.00	196.19	37.00	.00	1452.00	.00	.00	.00	1000.00	1037.00	.00
15665.000	196.44	.74	196.84	37.00	.00	1452.00	.00	.31	1000.00	1000.00	1037.00	1037.00
15694.000	196.34	.00	196.50	333.13	419.37	1032.63	.00	.00	.00	1001.00	1036.00	.00
15694.000	197.09	.75	197.45	37.00	1.85	1444.90	5.25	.35	1000.00	1001.00	1036.00	1037.00
15731.000	196.51	.00	196.62	493.33	385.19	940.23	126.59	.00	.00	4981.50	5018.50	.00
15731.000	197.52	1.01	197.63	180.62	394.53	1014.94	42.53	.16	4859.38	4981.50	5018.50	5031.00

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FLOODWAY DATA, EAST BUIES CREEK
PROFILE NO. 2

STATION	WIDTH	FLOODWAY		WATER SURFACE ELEVATION		
		SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
400.000	199.	741.	2.5	121.5	121.5	.0
800.000	218.	942.	2.0	123.9	125.0	.9
A 1800.000	152.	800.	2.3	128.9	127.9	1.0
B 3350.000	108.	567.	3.3	136.0	135.3	.7
4700.000	219.	1260.	1.5	142.3	141.3	1.0
4950.000	228.	1364.	1.4	143.2	142.2	1.0
5249.000	33.	253.	7.4	144.0	143.3	.7
5369.000	30.	251.	7.5	145.1	144.3	.8
5431.000	30.	289.	6.5	145.9	145.9	1.0
C 5461.000	50.	474.	4.0	147.3	146.7	.6
5546.500	153.	1254.	1.5	147.8	147.1	.7
5686.500	138.	1103.	1.7	147.9	147.1	.8
5713.500	138.	1194.	1.6	148.5	147.7	.8
D 5748.500	150.	1237.	1.5	148.7	147.8	.9
6500.000	189.	1070.	1.6	149.6	148.6	1.0
7000.000	162.	743.	2.2	151.1	150.1	1.0
7800.000	125.	593.	2.8	155.3	154.7	.6
E 8500.000	125.	618.	2.7	159.9	159.0	.9
9018.500	233.	1263.	1.3	161.8	160.8	1.0
9418.500	65.	406.	4.1	163.0	162.1	.9
9526.500	27.	189.	8.8	163.9	162.9	1.0
9573.500	27.	205.	8.1	164.5	164.4	.1
F 9600.500	90.	669.	2.5	165.7	165.7	.0
G 10050.000	26.	130.	12.8	167.9	167.2	.7
10435.000	76.	386.	4.3	175.6	174.8	.8
10436.000	91.	358.	4.6	175.7	174.8	.9
10463.000	92.	375.	4.4	175.9	175.2	.7
H 10464.000	79.	407.	4.1	176.0	175.3	.7
10569.000	80.	411.	4.0	176.5	176.0	.5
I 11750.000	114.	780.	2.1	181.7	181.2	.5
J 13330.000	91.	658.	2.5	187.4	186.5	.9
K 14580.000	141.	1038.	1.6	191.6	190.7	.9
15117.000	125.	715.	2.3	192.6	192.7	.9
15517.000	75.	415.	3.5	195.5	194.8	.7
15665.000	37.	285.	5.1	196.4	195.7	.7
15694.000	37.	309.	4.7	197.0	196.3	.7
L 15731.000	181.	959.	1.5	197.5	196.5	1.0