



Nimbus Engineers

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January 12, 1996

Mr. Robert Gottsacker, P.E.
City of Reno Public Works Department
Development Review
450 Sinclair Street
Reno, NV 89502

Re: Capital Realty, South Meadows Development - Central Channel (Nimbus Job 9506)

Dear Mr. Gottsacker:

Nimbus Engineers has evaluated the effects of the proposed construction of 8 foot and 5 foot paths within Whites Creek Central Channel in the Capital Realty South Meadows Development. The paths are adjacent to Phase I of the development between channel stations 98+26 and 57+00. The HEC-2 run for the original submittal of the Central Channel was modified by replacing the channel sections between station 98+26 and 57+00 with new sections conforming to the proposed construction.

The hydraulic evaluation was done with the following assumptions:

1. Mannings n-value retained at 0.04.
2. 100-year flow in Central Channel of 3000 cfs.
3. First flow channel assumed filled with sediment and ignored in calculations.
4. Culverts over the first flow channel are assumed plugged and modeled in accordance with the enclosed typical section with the top intruding 0.67' into the channel cross section.
5. Paths constructed between station 98+26 and station 72+28 where the design slope is 3:1 shall be benched into the existing slope with 1-1/2 to slope below the path and a maximum of 1-1/2:1 slope above the channel. A copy of the typical section is enclosed.
6. Paths constructed between station 70+00 and station 57+00 where the design slope is 4:1 shall be benched into the existing slope with 3:1 slope below the path and a maximum of 2:1 slope above the channel. A copy of the typical section is enclosed.

Mr. Robert Gottsacker
January 12, 1996

Page 2

7. The original design depth of 5.25 feet between station 98+26 and station 72+28 shall not be exceeded by the construction of the paths and bridges.
8. The original design depth of 4.50 feet between station 70+00 and station 57+00 shall not be exceeded by the construction of the paths and bridges.

The HEC-2 analysis verified the assumptions that the construction of paths and first flow bridges constructed in accordance with the forgoing assumptions will not adversely effect the channel design capacity of 3000 cfs through this reach.

Enclosed for your information is the following:

Central Channel Work Map.

HEC-2 printout for Central Channel

Typical path sections.

Typical first flow bridge section.

HEC-2 cross sections

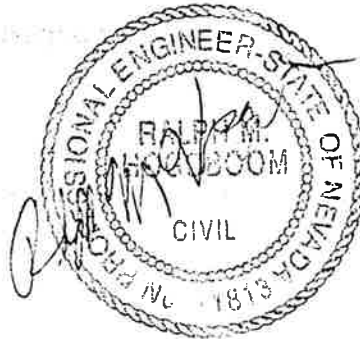
If you have any questions please contact our office.

Very Truly Yours,

NIMBUS ENGINEERS

Ralph M. Hogboom

Ralph M. Hogboom



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*****
* HEC-2 WATER SURFACE PROFILES *
*
* Version 4.6.0; February 1991 *
*
* RUN DATE 12JAN96 TIME 10:41:14 *
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*****
* U.S. ARMY CORPS OF ENGINEERS *
* HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET, SUITE D *
* DAVIS, CALIFORNIA 95616-4687 *
* (916) 756-1104 *
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12JAN96 10:41:14

PAGE 1

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*****
HEC-2 WATER SURFACE PROFILES
Version 4.6.0; February 1991
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T1 DOUBLE DIAMOND CHANNEL
T2 ALTERNATE NO. 3 FOR 100 YEAR STORM
T3 FILE WHCBNCHK.DAT

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START AT SOUTH PROPERTY LINE WITH AN ENTRANCE STRUCTURE TO CAPTURE THE FLOW COMING OFF OF DAMONTE.
 AMMENDED... START WITH KNOWN WATER SURFACE ELEVATION FROM WHITE-BC.DAT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSBL	PQ
	0	2	0	0	0	0	0	0	4434.04	0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1	0	-1	0	0	0	-1	0	0	0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

150 38 43 26 1 42 8

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NC .04 .04 .04 .3 .5
QT 2 3000 440
BEGINNING SECTION AT INLET OF WHITES "C" CHANNEL INVERT 4431.63
X1 10421 4 1000 1150 0 0
GR 4436.5 1000 4430.46 1018 4430.46 1132 4436.5 1150
AT THE DWONSTREAM SIDE OF ROAD

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X1 10271 4 1000 1100.67 151.36 151.36 151.36
X3 10

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R	4436.6	1000	4430.74	1000.01	4430.74	1100.66	4436.63	1100.67		
SC	8.013	.2	2.8	0	5	12	210.38	10.1	4430.89	4430.74
UPSTREAM SIDE OF ROAD										
J1	10060	4	1000	1100.67	211	211	211			
X2	0	0	2	4437.47	4438.47					
R	4437	1000	4431.17	1000.01	4431.17	1100.66	4437	1100.67		
NC	.04	.04	.04	.1	.3					
J1	9900	4	1000	1150	160.2	160.2	160.2	0	0	
R	4437	1000	4431.5	1018	4431.5	1132	4437.9	1150		

12JAN96 10:41:14

J1	9826	6	927.25	1072.75	74	74	74			
R	4436.9	927.25	4434.47	931.00	4434.31	939.00	4431.64	943.00	4431.64	1057.00
GR	4436.9	1072.75								
J1	9775	6	927.25	1072.75	51.00	51.00	51.00			
R	4437.0	927.25	4435.24	930.00	4435.08	938.00	4431.74	943.00	4431.74	1057.00
GR	4437.0	1072.75								
J1	9700	6	925.00	1072.75	75.00	75.00	75.00			
GR	4437.1	925.00	4437.31	925.00	4437.15	933.00	4431.90	943.00	4431.90	1057.00
GR	4437.1	1072.75								
J1	9650	5	927.25	1072.75	50.00	50.00	50.00			
GR	4437.2	927.25	4432.16	935.00	4432.00	943.00	4432.00	1057.00	4437.25	1072.75
J1	9638	4	927.25	1072.75	12.00	12.00	12.00			
R	4437.3	927.25	4432.02	943.00	4432.02	1057.00	4437.27	1072.75		
J1	9615	8	927.25	1072.75	23.00	23.00	23.00			
R	4437.3	927.25	4432.07	943.00	4432.07	990.00	4432.74	997.00	4432.74	1007.00
GR	4432.1	1014.00	4432.07	1057.00	4437.32	1072.75				
J1	9592	8	927.25	1072.75	23.00	23.00	23.00			
R	4437.4	927.25	4432.12	943.00	4432.12	986.00	4432.79	993.00	4432.79	1003.00
GR	4432.1	1010.00	4432.12	1057.00	4437.37	1072.75				
J1	9565	4	927.25	1072.75	27.00	27.00	27.00			
GR	4437.4	927.25	4432.17	943.00	4432.17	1057.00	4437.42	1072.75		
J1	9483	7	927.25	1072.75	82.00	82.00	82.00			
R	4437.6	927.25	4433.67	936	4433.67	941.00	4432.34	943.00	4432.34	1057.00
GR	4432.5	1065.00	4437.59	1072.75						
J1	9400	6	927.25	1075.00	83.00	83.00	83.00			
R	4437.8	927.25	4432.51	943.00	4432.51	1057.00	4437.76	1067.00	4437.92	1075.00
GR	4437.8	1075.00								
J1	9350	6	927.25	1083.00	50.00	50.00	50.00			
GR	4437.9	927.25	4432.61	943.00	4432.61	1057.00	4437.86	1075.00	4438.02	1083.00
GR	4437.9	1083.00								
J1	9266	6	927.25	1083.00	84.00	84.00	84.00			
GR	4438.0	927.25	4432.78	943.00	4432.78	1057.00	4438.03	1075.00	4438.19	1083.00
GR	4438.0	1083.00								
J1	9200	6	927.25	1075.00	66.00	66.00	66.00			
GR	4438.2	927.25	4432.92	943.00	4432.92	1057.00	4438.17	1067.00	4438.33	1075.00
GR	4438.2	1075.00								

X1	9150	5	927.25	1072.75	50.00	50.00	50.00			
GR	4438.3	927.25	4433.02	943.00	4433.02	1057.00	4433.18	1065.00	4438.27	1072.75
X1	9128	4	927.25	1072.75	22.00	22.00	22.00			
GR	4438.3	927.25	4433.06	943.00	4433.06	1057.00	4438.31	1072.75		
X1	9068	9	928	1072.75	60.00	60.00	60.00			
GR	4438.5	928	4438.43	933.00	4433.18	943.00	4433.18	970.00	4433.9	977.00
GR	4433.8	987.00	4433.18	994.00	4433.18	1057.00	4438.43	1072.75		
X1	9037	9	927	1072.75	31.00	31.00	31.00			
GR	4438.6	927	4433.50	932.00	4433.25	943.00	4433.25	978.00	4433.9	985.00
GR	4433.9	995.00	4433.25	1002.00	4433.25	1057.00	4438.50	1072.75		
X1	9012	4	927.25	1072.75	25.00	25.00	25.00			
GR	4438.5	927.25	4433.30	943.00	4433.30	1057.00	4438.55	1072.75		
X1	8988	5	927.25	1072.75	24.00	24.00	24.00			
GR	4438.6	927.25	4433.51	935.00	4433.35	943.00	4433.35	1057.00	4438.60	1072.75
X1	8900	6	923.00	1072.75	88.00	88.00	88.00			
GR	4438.8	923.00	4438.94	923.00	4438.78	931.00	4433.53	943.00	4433.53	1057.00
GR	4438.8	1072.75								
X1	8770	4	927.25	1072.75	130.00	130.00	130.00			
GR	4439.0	927.25	4433.79	943.00	4433.79	1057.00	4439.04	1072.75		
X1	8700	6	920.00	1072.75	70.00	70.00	70.00			
GR	4439.2	920.00	4439.34	920.00	4439.18	928.00	4433.93	943.00	4433.93	1057.00
GR	4439.2	1072.75								
X1	8600	6	926.00	1072.75	100.00	100.00	100.00			
GR	4439.4	926.00	4439.55	926.00	4439.39	934.00	4434.14	943.00	4434.14	1057.00
GR	4439.4	1072.75								
X1	8500	5	927.25	1072.75	100.00	100.00	100.00			
GR	4439.6	927.25	4434.50	935.00	4434.34	943.00	4434.34	1057.00	4439.59	1072.75
X1	8425	6	927.25	1072.75	75.00	75.00	75.00			
GR	4439.7	927.25	4436.65	932.00	4436.49	940.00	4434.49	943.00	4434.49	1057.00
GR	4439.7	1072.75								
X1	8360	6	927.25	1072.75	65.00	65.00	65.00			
GR	4439.9	927.25	4438.12	930.00	4437.96	938.00	4434.63	943.00	4434.63	1057.00
GR	4439.9	1072.75								
X1	8290	5	927.25	1072.75	70.00	70.00	70.00			
GR	4440.0	927.25	4434.93	935.00	4434.77	943.00	4434.77	1057.00	4440.02	1072.75

X1	8225	4	927.25	1072.75	65.00	65.00	65.00			
GR	4440.2	927.25	4434.90	943.00	4434.90	1057.00	4440.15	1072.75		
X1	8110	9	927.25	1072.75	115.00	115.00	115.00			
GR	4440.4	927.25	4435.24	938	4435.14	943.00	4435.14	1017.00	4435.81	1024.00
GR	4435.8	1034.00	4435.14	1041.00	4435.14	1057.00	4440.39	1072.75		
X1	8088	10	927.25	1072.75	22.00	22.00	22.00			
GR	4440.4	927.25	4435.28	938	4435.18	943.00	4435.18	1015.00	4435.85	1022.00

X1	6840	6	929.99	1068.00	60.00	60.00	60.00			
GR	4443.4	929.99	4442.43	932.00	4442.27	940.00	4438.94	950.00	4438.94	1050.00
GR	4443.4	1068.00								
X1	6770	5	932.00	1068.00	70.00	70.00	70.00			
GR	4443.7	932.00	4439.38	942.00	4439.22	950.00	4439.22	1050.00	4443.72	1068.00
X1	6725	9	932.00	1068.00	45.00	45.00	45.00			
GR	4443.9	932.00	4439.56	942.00	4439.40	950.00	4439.40	970.00	4440.07	977.00
GR	4440.1	987.00	4439.40	994.00	4439.40	1050.00	4443.90	1068.00		
X1	6700	9	932.00	1068.00	25.00	25.00	25.00			
GR	4444.0	932.00	4439.66	942.00	4439.50	950.00	4439.50	970.00	4440.17	977.00
GR	4440.2	987.00	4439.50	994.00	4439.50	1050.00	4444.00	1068.00		
X1	6612	6	932	1068.00	88.00	88.00	88.00			
GR	4444.4	932	4443.95	933	4443.85	938.00	4439.85	950.00	4439.85	1050.00
GR	4444.4	1068.00								
X1	6558	7	930.8	1068.00	54.00	54.00	54.00			
GR	4444.7	930.8	4444.67	931	4444.57	936.00	4440.07	950.00	4440.07	1050.00
GR	4440.2	1058.00	4444.57	1068.00						
X1	6476	8	932	1070.01	82.00	82.00	82.00			
GR	4444.9	932	4444.83	935	4443.73	940.00	4440.40	950.00	4440.40	1050.00
GR	4443.7	1060.00	4443.89	1068.00	4444.90	1070.01				
1	12JAN96	10:41:14								
									PAGE	6
X1	6455	4	932.00	1068.00	21.00	21.00	21.00			
GR	4445.0	932.00	4440.48	950.00	4440.48	1050.00	4444.98	1068.00		
X1	6436	6	932.00	1076.00	19.00	19.00	19.00			
GR	4445.1	932.00	4440.56	950.00	4440.56	1050.00	4445.06	1068.00	4445.22	1076.00
GR	4445.1	1076.00								
X1	6395	8	932	1070.01	41.00	41.00	41.00			
GR	4445.2	932	4444.82	933	4444.72	938.00	4440.72	950.00	4440.72	1050.00
GR	4444.1	1060.00	4444.21	1068.00	4445.22	1070.01				
X1	6300	8	930	1068.00	95.00	95.00	95.00			
GR	4445.7	930	4445.7	930	4445.60	935.00	4441.10	950.00	4441.10	1050.00
GR	4442.1	1053.00	4442.26	1061.00	4445.60	1068.00				
X1	6226	5	932.00	1068.00	74.00	74.00	74.00			
GR	4445.9	932.00	4441.40	950.00	4441.40	1050.00	4441.56	1058.00	4445.90	1068.00
X1	6169	4	932.00	1068.00	57.00	57.00	57.00			
GR	4446.1	932.00	4441.62	950.00	4441.62	1050.00	4446.12	1068.00		
X1	6131	8	932.00	1068.00	38.00	38.00	38.00			
GR	4446.3	932.00	4441.78	950.00	4441.78	998.00	4442.45	1005.00	4442.45	1015.00
GR	4441.8	1022.00	4441.78	1050.00	4446.28	1068.00				
X1	6100	8	932.00	1068.00	31.00	31.00	31.00			
GR	4446.4	932.00	4441.90	950.00	4441.90	998.00	4442.57	1005.00	4442.57	1015.00
GR	4441.9	1022.00	4441.90	1050.00	4446.40	1068.00				
X1	6000	5	932.00	1068.00	100.00	100.00	100.00			
GR	4446.8	932.00	4442.46	942.00	4442.30	950.00	4442.30	1050.00	4446.80	1068.00
X1	5945	6	929.99	1068.00	55.00	55.00	55.00			
GR	4447.0	929.99	4446.01	932.00	4445.85	940.00	4442.52	950.00	4442.52	1050.00

R	4447.0	1068.00								
X1	5800	6	930.65	1068.00	145.00	145.00	145.00			
FR	4447.6	930.65	4445.93	934.00	4445.77	942.00	4443.10	950.00	4443.10	1050.00
JR	4447.6	1068.00								

X1	5700	6	929.99	1068.00	100.00	100.00	100.00			
FR	4448.0	929.99	4446.99	932.00	4446.83	940.00	4443.50	950.00	4443.50	1050.00
GR	4448.0	1068.00								

C	.04	.04	.04	.3	.5					
DOWNSTREAM SIDE OF BOX CULVERTS @ ELEV=4444.10										
X1	5549	4	1000	1084.67	151	151	151			
X3	10									
FR	4448.6	1000	4444.10	1000.01	4444.10	1084.66	4448.60	1084.67		

12JAN96 10:41:14

SC	8.013	.2	2.8	0	5	10	80	11.3	4444.42	4444.10
UPSTREAM SIDE OF BOX CULVERTS @ ELEV=4444.42										
X1	5469	4	1000	1084.67	80	80	80			
X2	0	0	2	4449.42	4450.42					
X3										
FR	4450.4	1000	4444.42	1000.01	4444.42	1084.66	4450.42	1084.67		

X1	5370	4	1000	1148	99	99	99			
FR	4449.8	1000	4444.82	1024	4444.82	1124	4450.82	1148		

NC	.04	.04	.04	.1	.3					
X1	5050	0	1000	1136	320	320	320	0	1.28	
X1	4950	0	1000	1136	100	100	100	0	0.40	
X1	4850	0	1000	1136	100	100	100	0	0.40	
X1	4750	0	1000	1136	100	100	100	0	0.40	
X1	4650	0	1000	1136	100	100	100	0	0.40	
X1	4550	0	1000	1136	100	100	100	0	0.40	
X1	4500	0	1000	1136	50	50	50	0	0.20	
X1	4450	0	1000	1136	50	50	50	0	0.20	

BEGIN DROP STRUCTURE NO.1

X1	4425	0	1000	1136	25	25	25	0	0.10	
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END DROP STRUCTURE NO. 1

X1	4400	0	1000	1136	25	25	25	0	1.06	
X1	4350	0	1000	1136	50	50	50	0	0.20	
X1	4300	0	1000	1136	50	50	50	0	0.20	
X1	4200	0	1000	1136	100	100	100	0	0.40	
X1	4000	0	1000	1136	200	200	200	0	0.80	
X1	3950	0	1000	1136	50	50	50	0	0.20	

BEGIN DROP STRUCTURE NO. 2

X1	3925	0	1000	1136	25	25	25	0	0.10	
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END DROP STRUCTURE NO. 2

X1	3900	0	1000	1136	25	25	25	0	1.06
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12JAN96 10:41:14

1	3700	0	1000	1136	200	200	200	0	0.80
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X1	3500	0	1000	1136	200	200	200	0	0.80
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1	3450	0	1000	1136	50	50	50	0	0.20
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BEGIN DROP STRUCTURE NO. 3

1	3425	0	1000	1136	25	25	25	0	0.10
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END DROP STRUCTURE NO. 3

1	3400	0	1000	1136	25	25	25	0	1.06
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X1	3300	0	1000	1136	100	100	100	0	0.4128
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1	3200	0	1000	1136	100	100	100	0	0.4128
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X1	3100	0	1000	1136	100	100	100	0	0.4128
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1	3000	0	1000	1136	100	100	100	0	0.4128
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X1	2920	0	1000	1136	80	80	80	0	0.3302
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C	.04	.04	.04	.3	.6				
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X1	2820	4	1000	1084.67	100	100	100		
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Y3	10								
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R	4463.8	1000	4458	1000	4458	1084.67	4463.75	1084.67	
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SC	8.013	.2	2.8	0	5	10	82.82	10.1	4458.5	4458
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1	2736	4	1000	1084.67	82.82	82.82	82.82		
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2	0	0	2	4463.5	4464.5				
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X3	10								
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GR	4464.5	1000	4458.5	1000	4458.5	1084.67	4464.5	1084.67	
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1	2652	6	1000	1150	83.6	83.6	83.6		
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GR	4465	1000	4458.75	1025	4458.75	1125	4463	1150	4464	1250
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R	4465	1420							
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NC	.04	.04	.04	.1	.3				
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X1	2477	6	1000	1175	175	150	175		
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R	4466	1000	4459.28	1025	4459.28	1150	4464	1175	4464.1	1275
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R	4465	1400							
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Y1	2277	6	1000	1175	200	200	200		
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R	4467.2	1000	4459.88	1025	4459.88	1150	4464	1175	4464.1	1280
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R	4465	1380							
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1	2077	5	1000	1260	200	200	200		
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R	4468.1	1000	4460.48	1025	4460.7	1235	4466	1260	4467	1570
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CHANGE EXPANSION AND CONTRACTION COEFF TO COMPENSATE FOR BEND LOSS

12JAN96 10:41:14

NC	.04	.04	.04	.3	.6				
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X1	1877	4	1000	1385	200	200	200		
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GR	4468.5	1000	4461.08	1025	4461.8	1360	4469	1385	
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CHANGE N VALUE FOR RIPRAP ON SOUTH SLOPE AND PORTION OF BOTTOM

	.04	.04	.04						
X1	1677	4	1000	1200	200	200	200		
GR	4469	1000	4461.68	1025	4461.8	1175	4469	1200	

CHANGE N VALUE FOR RIPRAP ENTIRE CHANNEL
CHANGE CONTRACTION AND EXPANSION COEFF BACK TO NORMAL

	.04	.04	.04	.1	.3				
X1	1477	4	1000	1085	200	200	200		
GR	4469	1000	4462.28	1017.5	4462.28	1067.5	4469	1085	

	1277	4	1000	1085	200	200	200		
GR	4469	1000	4462.88	1017.5	4462.88	1067.5	4469	1085	

12JAN96 10:41:14 PAGE 10

SECNO	DBPTH	CWSEL	CRWS	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PROF 1

CRITICAL DEPTH TO BE CALCULATED AT ALL CROSS SECTIONS

CCHV= .300 CBHV= .500

SECNO 10421.000									
10421.000	3.58	4434.04	4433.16	4434.04	4434.74	.70	.00	.00	4436.50
3000.0	.0	3000.0	.0	.0	446.3	.0	.0	.0	4436.50
.00	.00	6.72	.00	.000	.040	.000	.000	4430.46	1007.33
.006745	0.	0.	0.	0	14	0	.00	135.34	1142.67

SECNO 10271.000

495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4436.60 ELREA= 4436.63

10271.000	4.22	4434.96	4433.76	.00	4435.73	.78	.95	.04	4436.60
3000.0	.0	3000.0	.0	.0	424.5	.0	1.5	.4	4436.63
.01	.00	7.07	.00	.000	.040	.000	.000	4430.74	1000.00
.005912	151.	151.	151.	2	11	0	.00	100.66	1100.67

SPECIAL CULVERT

SC	CUNO	CUNV	ENTLC	COFQ	RDLEN	RISE	SPAN	CULVLN	CHRT	SCL	ELCHU	ELCHD
	8	.013	.20	2.80	.00	5.00	12.00	210.38	10	1	4430.89	4430.74

CHART 10 - BOX CULVERT; 90-DEGREE HEADWALL; CHAMFERED OR BEVELED INLET EDGES
SCALE 1 - INLET EDGES CHAMFERED 3/4-INCH

140, NORMAL DEPTH EXCEEDS CULVERT HEIGHT

SECNO 10060.000

SPECIAL CULVERT OUTLET CONTROL

BGIC = 4436.001 BLOC = 4436.218 PCWSE= 4434.958 BLTRD= 4438.470

SPECIAL CULVERT

EGIC	EGOC	H4	QWEIR	QCULV	VCH	ACULV	ELTRD	WBIRLN
4436.00	4436.22	.48	0.	3000.	6.920	480.0	4438.47	0.

495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4437.00 ELREA= 4437.00

10060.000	4.30	4435.47	.00	.00	4436.22	.74	.48	.00	4437.00
3000.0	.0	3000.0	.0	.0	433.5	.0	3.6	.9	4437.00
.01	.00	6.92	.00	.000	.040	.000	.000	4431.17	1000.00
.005525	211.	211.	211.	3	0	0	.00	100.66	1100.67

1

12JAN96 10:41:14

PAGE 11

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	BLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CHV= .100 CEHV= .300
 *SECNO 9900.000

302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.58

9900.000	4.95	4436.45	4434.20	.00	4436.79	.34	.53	.04	4437.00
3000.0	.0	3000.0	.0	.0	638.9	.0	5.6	1.3	4437.90
.02	.00	4.70	.00	.000	.040	.000	.000	4431.50	1001.80
.002226	160.	160.	160.	2	14	0	.00	144.12	1145.92

*SECNO 9826.000

9826.000	4.98	4436.62	4434.40	.00	4436.96	.34	.16	.00	4436.90
3000.0	.0	3000.0	.0	.0	640.3	.0	6.6	1.6	4436.90
.03	.00	4.69	.00	.000	.040	.000	.000	4431.64	927.69
.002225	74.	74.	74.	2	11	0	.00	144.21	1071.90

*SECNO 9775.000

9775.000	4.99	4436.73	4434.46	.00	4437.07	.34	.11	.00	4437.00
3000.0	.0	3000.0	.0	.0	636.9	.0	7.4	1.8	4437.00
.03	.00	4.71	.00	.000	.040	.000	.000	4431.74	927.67
.002266	51.	51.	51.	0	11	0	.00	144.27	1071.94

*SECNO 9700.000

9700.000	4.99	4436.89	4434.62	.00	4437.24	.35	.17	.00	4437.31
3000.0	.0	3000.0	.0	.0	631.2	.0	8.5	2.0	4437.10
.04	.00	4.75	.00	.000	.040	.000	.000	4431.90	933.48
.002212	75.	75.	75.	0	11	0	.00	138.65	1072.13

*SECNO 9650.000

9650.000	5.04	4437.04	4434.61	.00	4437.35	.31	.10	.00	4437.20
3000.0	.0	3000.0	.0	.0	670.5	.0	9.2	2.2	4437.25
.04	.00	4.47	.00	.000	.040	.000	.000	4432.00	927.50
.001915	50.	50.	50.	2	11	0	.00	144.62	1072.12

*SECNO 9638.000

9638.000	5.03	4437.05	4434.72	.00	4437.38	.33	.02	.01	4437.30
3000.0	.0	3000.0	.0	.0	650.1	.0	9.4	2.2	4437.27
.04	.00	4.61	.00	.000	.040	.000	.000	4432.02	927.98
.002102	12.	12.	12.	1	11	0	.00	144.13	1072.11

12JAN96 10:41:14

PAGE 12

SECNO	DEPTH	CWSBL	CRIWS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9615.000

9615.000	5.02	4437.09	4434.87	.00	4437.43	.34	.05	.00	4437.30
3000.0	.0	3000.0	.0	.0	636.6	.0	9.8	2.3	4437.32
.04	.00	4.71	.00	.000	.040	.000	.000	4432.07	927.87
.002256	23.	23.	23.	0	11	0	.00	144.21	1072.08

*SECNO 9592.000

9592.000	5.04	4437.14	4434.91	.00	4437.49	.34	.05	.00	4437.40
3000.0	.0	3000.0	.0	.0	636.7	.0	10.1	2.4	4437.37
.04	.00	4.71	.00	.000	.040	.000	.000	4432.10	928.03
.002252	23.	23.	23.	0	11	0	.00	144.03	1072.06

*SECNO 9565.000

9565.000	5.05	4437.22	4434.87	.00	4437.55	.33	.06	.00	4437.40
3000.0	.0	3000.0	.0	.0	650.6	.0	10.5	2.4	4437.42
.04	.00	4.61	.00	.000	.040	.000	.000	4432.17	927.83
.002099	27.	27.	27.	1	11	0	.00	144.29	1072.11

*SECNO 9483.000

9483.000	5.07	4437.41	4434.95	.00	4437.71	.30	.16	.00	4437.60
3000.0	.0	3000.0	.0	.0	677.8	.0	11.7	2.7	4437.59
.05	.00	4.43	.00	.000	.040	.000	.000	4432.34	927.70
.001856	82.	82.	82.	1	11	0	.00	144.76	1072.46

*SECNO 9400.000

9400.000	5.03	4437.54	4435.23	.00	4437.89	.35	.17	.01	4437.80
3000.0	.0	3000.0	.0	.0	635.6	.0	13.0	3.0	4437.92
.05	.00	4.72	.00	.000	.040	.000	.000	4432.51	928.02
.002160	83.	83.	83.	2	11	0	.00	138.57	1066.59

*SECNO 9350.000

9350.000	5.06	4437.67	4435.31	.00	4438.00	.32	.11	.00	4437.90
3000.0	.0	3000.0	.0	.0	659.5	.0	13.7	3.2	4438.02
.06	.00	4.55	.00	.000	.040	.000	.000	4432.61	927.92
.002044	50.	50.	50.	2	11	0	.00	146.44	1074.36

12JAN96 10:41:14

PAGE 13

SECNO	DEPTH	CWSBL	CRIWS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9266.000

9266.000	5.07	4437.85	4435.48	.00	4438.17	.32	.17	.00	4438.00
3000.0	.0	3000.0	.0	.0	661.0	.0	15.0	3.4	4438.19
.06	.00	4.54	.00	.000	.040	.000	.000	4432.78	927.70
.002033	84.	84.	84.	0	11	0	.00	146.69	1074.39

*SECNO 9200.000

9200.000	5.05	4437.97	4435.63	.00	4438.31	.34	.14	.01	4438.20
3000.0	.0	3000.0	.0	.0	638.8	.0	16.0	3.7	4438.33
.07	.00	4.70	.00	.000	.040	.000	.000	4432.92	927.92
.002127	66.	66.	66.	1	11	0	.00	138.71	1066.63

*SECNO 9150.000

9150.000	5.09	4438.11	4435.63	.00	4438.41	.30	.10	.00	4438.30
3000.0	.0	3000.0	.0	.0	677.6	.0	16.8	3.8	4438.27
.07	.00	4.43	.00	.000	.040	.000	.000	4433.02	927.81
.001851	50.	50.	50.	2	11	0	.00	144.69	1072.51

*SECNO 9128.000

9128.000	5.08	4438.14	4435.77	.00	4438.46	.32	.04	.01	4438.30
3000.0	.0	3000.0	.0	.0	657.5	.0	17.1	3.9	4438.31
.07	.00	4.56	.00	.000	.040	.000	.000	4433.06	927.71
.002031	22.	22.	22.	1	11	0	.00	144.55	1072.26

*SECNO 9068.000

9068.000	5.07	4438.25	4435.99	.00	4438.60	.35	.13	.01	4438.50
3000.0	.0	3000.0	.0	.0	630.4	.0	18.0	4.1	4438.43
.07	.00	4.76	.00	.000	.040	.000	.000	4433.18	933.33
.002228	60.	60.	60.	0	11	0	.00	138.90	1072.23

*SECNO 9037.000

9037.000	5.07	4438.32	4436.06	.00	4438.67	.35	.07	.00	4438.60
3000.0	.0	3000.0	.0	.0	631.4	.0	18.4	4.2	4438.50
.08	.00	4.75	.00	.000	.040	.000	.000	4433.25	932.39
.002233	31.	31.	31.	0	11	0	.00	139.80	1072.19

12JAN96 10:41:14

SECNO	DEPTH	CWSEL	CRWS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9012.000

9012.000	5.10	4438.40	4436.01	.00	4438.72	.32	.05	.00	4438.50
3000.0	.0	3000.0	.0	.0	660.4	.0	18.8	4.3	4438.55
.08	.00	4.54	.00	.000	.040	.000	.000	4433.30	927.54
.002006	25.	25.	25.	2	11	0	.00	144.77	1072.31

*SECNO 8988.000

8988.000	5.12	4438.47	4435.97	.00	4438.77	.30	.05	.00	4438.60
3000.0	.0	3000.0	.0	.0	680.9	.0	19.2	4.3	4438.60
.08	.00	4.41	.00	.000	.040	.000	.000	4433.35	927.46
.001825	24.	24.	24.	1	11	0	.00	144.88	1072.34

*SECNO 8900.000

8900.000	5.09	4438.62	4436.24	.00	4438.95	.33	.17	.01	4438.94
3000.0	.0	3000.0	.0	.0	649.9	.0	20.5	4.6	4438.80
.08	.00	4.62	.00	.000	.040	.000	.000	4433.53	931.34
.002047	88.	88.	88.	1	11	0	.00	140.89	1072.24

*SECNO 8770.000

8770.000	5.10	4438.89	4436.50	.00	4439.21	.32	.26	.00	4439.00
3000.0	.0	3000.0	.0	.0	660.4	.0	22.5	5.1	4439.04
.09	.00	4.54	.00	.000	.040	.000	.000	4433.79	927.57
.002006	130.	130.	130.	2	11	0	.00	144.74	1072.31

*SECNO 8700.000

8700.000	5.10	4439.03	4436.63	.00	4439.36	.32	.14	.00	4439.34
3000.0	.0	3000.0	.0	.0	658.3	.0	23.5	5.3	4439.20
.10	.00	4.56	.00	.000	.040	.000	.000	4433.93	928.41
.002012	70.	70.	70.	0	11	0	.00	143.85	1072.26

*SECNO 8600.000

8600.000	5.09	4439.23	4436.86	.00	4439.57	.34	.20	.01	4439.55
3000.0	.0	3000.0	.0	.0	641.8	.0	25.0	5.6	4439.40
.10	.00	4.67	.00	.000	.040	.000	.000	4434.14	934.27
.002082	100.	100.	100.	0	11	0	.00	137.99	1072.25

12JAN96 10:41:14

SECNO	DEPTH	CWSEL	CRWS	WSBLK	EG	HV	HL	OLOSS	L-BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 8500.000

8500.000	5.12	4439.46	4436.95	.00	4439.76	.30	.19	.00	4439.60
3000.0	.0	3000.0	.0	.0	682.5	.0	26.5	5.9	4439.59
.11	.00	4.40	.00	.000	.040	.000	.000	4434.34	927.46
.001811	100.	100.	100.	2	11	0	.00	144.91	1072.37

*SECNO 8425.000

8425.000	5.10	4439.59	4437.22	.00	4439.91	.32	.14	.00	4439.70
3000.0	.0	3000.0	.0	.0	665.6	.0	27.7	6.2	4439.70
.11	.00	4.51	.00	.000	.040	.000	.000	4434.49	927.40
.001971	75.	75.	75.	1	11	0	.00	145.05	1072.45

*SECNO 8360.000

8360.000	5.09	4439.72	4437.35	.00	4440.05	.33	.13	.00	4439.90
3000.0	.0	3000.0	.0	.0	651.1	.0	28.7	6.4	4439.90
.12	.00	4.61	.00	.000	.040	.000	.000	4434.63	927.53
.002114	65.	65.	65.	0	11	0	.00	144.67	1072.20

*SECNO 8290.000

8290.000	5.12	4439.89	4437.39	.00	4440.19	.30	.14	.00	4440.00
3000.0	.0	3000.0	.0	.0	681.6	.0	29.7	6.6	4440.02
.12	.00	4.40	.00	.000	.040	.000	.000	4434.77	927.42
.001819	70.	70.	70.	2	11	0	.00	144.92	1072.35

*SECNO 8225.000

8225.000	5.10	4440.00	4437.60	.00	4440.32	.32	.12	.01	4440.20
3000.0	.0	3000.0	.0	.0	659.8	.0	30.8	6.9	4440.15
.13	.00	4.55	.00	.000	.040	.000	.000	4434.90	927.83
.002008	65.	65.	65.	1	11	0	.00	144.48	1072.31

*SECNO 8110.000

8110.000	5.09	4440.23	4437.88	.00	4440.55	.32	.23	.00	4440.40
3000.0	.0	3000.0	.0	.0	657.7	.0	32.5	7.2	4440.39
.13	.00	4.56	.00	.000	.040	.000	.000	4435.14	927.62
.002038	115.	115.	115.	1	11	0	.00	144.62	1072.24

12JAN96 10:41:14

SECNO	DEPTH	CWSBL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK	BLEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	BLEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPB	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 8088.000

8088.000	5.11	4440.29	4437.83	.00	4440.59	.30	.04	.00	4440.40
3000.0	.0	3000.0	.0	.0	681.8	.0	32.8	7.3	4440.43
.13	.00	4.40	.00	.000	.040	.000	.000	4435.18	927.47
.001826	22.	22.	22.	2	11	0	.00	145.07	1072.54

*SECNO 8050.000

8050.000	5.08	4440.34	4437.97	.00	4440.68	.33	.07	.01	4440.50
3000.0	.0	3000.0	.0	.0	647.0	.0	33.4	7.4	4440.67
.14	.00	4.64	.00	.000	.040	.000	.000	4435.26	927.61
.002053	38.	38.	38.	2	11	0	.00	139.10	1066.70

*SECNO 7965.000

7965.000	5.11	4440.54	4438.12	.00	4440.85	.31	.17	.00	4440.70
3000.0	.0	3000.0	.0	.0	670.1	.0	34.7	7.7	4440.84
.14	.00	4.48	.00	.000	.040	.000	.000	4435.43	927.61
.001952	85.	85.	85.	2	11	0	.00	146.84	1074.45

*SECNO 7900.000

7900.000	5.09	4440.65	4438.28	.00	4440.99	.34	.13	.01	4440.90
3000.0	.0	3000.0	.0	.0	638.8	.0	35.7	7.9	4440.80
.15	.00	4.70	.00	.000	.040	.000	.000	4435.56	935.24
.002099	65.	65.	65.	2	11	0	.00	137.05	1072.30

*SECNO 7836.000

7836.000	5.12	4440.81	4438.41	.00	4441.13	.32	.13	.00	4440.90
3000.0	.0	3000.0	.0	.0	661.6	.0	36.6	8.1	4440.90
.15	.00	4.53	.00	.000	.040	.000	.000	4435.69	927.49
.002004	64.	64.	64.	2	11	0	.00	144.97	1072.46

*SECNO 7800.000

7800.000	5.10	4440.87	4438.43	.00	4441.20	.33	.07	.00	4441.00
3000.0	.0	3000.0	.0	.0	653.9	.0	37.2	8.2	4441.20
.15	.00	4.59	.00	.000	.040	.000	.000	4435.77	927.50
.001952	36.	36.	36.	0	11	0	.00	137.28	1064.79

SECNO	DEPTH	CWSEL	CRIWS	WSELK	BG	HV	HL	OLOSS	L-BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	ELEV
TIME	VLOB	VCH	VRQB	YNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 7760.000

7760.000	5.13	4440.98	4438.46	.00	4441.28	.30	.07	.00	4441.10	
3000.0	.0	3000.0	.0	.0	687.3	.0	37.8	8.4	4441.10	
.15	.00	4.36	.00	.000	.040	.000	.000	4435.85	927.53	
.001777	40.	40.	40.	2	11	0	.00	145.04	1072.57	

*SECNO 7718.000

7718.000	5.10	4441.03	4438.75	.00	4441.38	.35	.08	.02	4441.20	
3000.0	.0	3000.0	.0	.0	634.8	.0	38.4	8.5	4441.18	
.16	.00	4.73	.00	.000	.040	.000	.000	4435.93	927.94	
.002292	42.	42.	42.	2	11	0	.00	144.35	1072.30	

*SECNO 7700.000

7700.000	5.10	4441.07	4438.78	.00	4441.42	.35	.04	.00	4441.30	
3000.0	.0	3000.0	.0	.0	631.0	.0	38.7	8.6	4441.22	
.16	.00	4.75	.00	.000	.040	.000	.000	4435.97	934.27	
.002206	18.	18.	18.	0	11	0	.00	138.02	1072.29	

*SECNO 7662.000

7662.000	5.13	4441.18	4438.75	.00	4441.50	.32	.08	.00	4441.30	
3000.0	.0	3000.0	.0	.0	664.2	.0	39.2	8.7	4441.30	
.16	.00	4.52	.00	.000	.040	.000	.000	4436.05	927.60	
.001969	38.	38.	38.	2	11	0	.00	144.80	1072.40	

*SECNO 7540.000

7540.000	5.13	4441.43	4438.92	.00	4441.73	.30	.23	.00	4441.50	
3000.0	.0	3000.0	.0	.0	684.7	.0	41.1	9.1	4441.55	
.17	.00	4.38	.00	.000	.040	.000	.000	4436.30	927.35	
.001794	122.	122.	122.	0	8	0	.00	145.06	1072.41	

*SECNO 7340.000

7340.000	4.86	4441.80	4439.68	.00	4442.15	.35	.41	.02	4442.20	
3000.0	.0	3000.0	.0	.0	630.0	.0	44.2	9.8	4442.20	
.18	.00	4.76	.00	.000	.040	.000	.000	4436.94	927.85	
.002337	200.	200.	200.	0	11	0	.00	143.73	1071.58	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	BG	HV	HL	OLOSS	L-BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	ELEV
TIME	VLOB	VCH	VRQB	YNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 7200.000

7200.000	4.63	4442.13	4440.27	.00	4442.54	.42	.37	.02	4442.50	
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3000.0	.0	3000.0	.0	.0	578.8	.0	46.1	10.2	4442.54
.19	.00	5.18	.00	.000	.040	.000	.000	4437.50	929.82
.002979	140.	140.	140.	2	11	0	.00	140.24	1070.06

*SECNO 7125.000

7125.000	4.53	4442.33	4440.63	.00	4442.80	.47	.24	.02	4442.80
3000.0	.0	3000.0	.0	.0	542.5	.0	47.1	10.5	4442.60
.19	.00	5.53	.00	.000	.040	.000	.000	4437.80	935.64
.003469	75.	75.	75.	0	14	0	.00	133.51	1069.15

*SECNO 7040.000

7040.000	4.49	4442.63	4441.07	.00	4443.11	.48	.31	.00	4442.70
3000.0	.0	3000.0	.0	.0	538.5	.0	48.1	10.7	4442.70
.19	.00	5.57	.00	.000	.040	.000	.000	4438.14	929.58
.003738	85.	85.	85.	2	14	0	.00	138.81	1068.39

*SECNO 6975.000

6975.000	4.46	4442.86	4441.32	.00	4443.38	.52	.26	.01	4442.90
3000.0	.0	3000.0	.0	.0	518.6	.0	48.9	10.9	4442.90
.20	.00	5.79	.00	.000	.040	.000	.000	4438.40	929.40
.004220	65.	65.	65.	0	14	0	.00	138.45	1067.84

*SECNO 6900.000

6900.000	4.48	4443.18	4441.60	.00	4443.68	.50	.30	.00	4443.36
3000.0	.0	3000.0	.0	.0	528.3	.0	49.8	11.2	4443.20
.20	.00	5.68	.00	.000	.040	.000	.000	4438.70	932.08
.003860	75.	75.	75.	2	14	0	.00	135.84	1067.92

*SECNO 6840.000

3280 CROSS SECTION 6840.00 EXTENDED .02 FEET

6840.000	4.48	4443.42	4441.85	.00	4443.92	.50	.24	.00	4443.40
3000.0	.0	3000.0	.0	.0	526.8	.0	50.5	11.4	4443.40
.20	.00	5.70	.00	.000	.040	.000	.000	4438.94	929.99
.003991	60.	60.	60.	0	14	0	.00	138.01	1068.00

12JAN96 10:41:14

PAGE 19

SECNO	DEPTH	CWSBL	CRWS	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6770.000

3280 CROSS SECTION 6770.00 EXTENDED .02 FEET

6770.000	4.49	4443.71	4442.02	.00	4444.18	.47	.26	.00	4443.70
3000.0	.0	3000.0	.0	.0	547.0	.0	51.4	11.6	4443.72
.21	.00	5.48	.00	.000	.040	.000	.000	4439.22	932.00
.003455	70.	70.	70.	2	14	0	.00	135.98	1067.98

*SECNO 6725.000

6725.000	4.46	4443.86	4442.30	.00	4444.35	.50	.16	.01	4443.90
3000.0	.0	3000.0	.0	.0	530.1	.0	52.0	11.7	4443.90
.21	.00	5.66	.00	.000	.040	.000	.000	4439.40	932.10
.003828	45.	45.	45.	2	14	0	.00	135.73	1067.83

*SECNO 6700.000										
6700.000	4.45	4443.95	4442.40	.00	4444.45	.50	.10	.00	4444.00	
3000.0	.0	3000.0	.0	.0	528.8	.0	52.3	11.8	4444.00	
.21	.00	5.67	.00	.000	.040	.000	.000	4439.50	932.12	
.003858	25.	25.	25.	0	14	0	.00	135.67	1067.79	

*SECNO 6612.000									
6612.000	4.44	4444.29	4442.77	.00	4444.81	.53	.35	.01	4444.40
3000.0	.0	3000.0	.0	.0	514.2	.0	53.3	12.1	4444.40
.22	.00	5.83	.00	.000	.040	.000	.000	4439.85	932.25
.004211	88.	88.	88.	0	14	0	.00	135.32	1067.56

*SECNO 6558.000									
6558.000	4.47	4444.54	4442.88	.00	4445.03	.49	.21	.00	4444.70
3000.0	.0	3000.0	.0	.0	535.0	.0	54.0	12.2	4444.57
.22	.00	5.61	.00	.000	.040	.000	.000	4440.07	936.09
.003578	54.	54.	54.	2	14	0	.00	131.84	1067.93

*SECNO 6476.000									
6476.000	4.43	4444.83	4443.33	.00	4445.36	.54	.32	.01	4444.90
3000.0	.0	3000.0	.0	.0	509.8	.0	54.9	12.5	4444.90
.22	.00	5.88	.00	.000	.040	.000	.000	4440.40	935.02
.004320	82.	82.	82.	2	14	0	.00	134.84	1069.86

1
12JAN96 10:41:14

PAGE 20

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	L-BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 6455.000									
6455.000	4.47	4444.95	4443.39	.00	4445.45	.50	.09	.00	4445.00
3000.0	.0	3000.0	.0	.0	526.7	.0	55.2	12.6	4444.98
.22	.00	5.70	.00	.000	.040	.000	.000	4440.48	932.20
.003894	21.	21.	21.	2	14	0	.00	135.68	1067.88

*SECNO 6436.000									
6436.000	4.46	4445.02	4443.47	.00	4445.53	.50	.07	.00	4445.10
3000.0	.0	3000.0	.0	.0	526.2	.0	55.4	12.6	4445.22
.22	.00	5.70	.00	.000	.040	.000	.000	4440.56	932.29
.003903	19.	19.	19.	0	14	0	.00	135.58	1067.87

*SECNO 6395.000									
6395.000	4.45	4445.17	4443.65	.00	4445.70	.53	.17	.01	4445.20
3000.0	.0	3000.0	.0	.0	514.8	.0	55.9	12.7	4445.22
.23	.00	5.83	.00	.000	.040	.000	.000	4440.72	932.05
.004309	41.	41.	41.	0	14	0	.00	137.89	1069.93

*SECNO 6300.000									
6300.000	4.49	4445.59	4443.97	.00	4446.08	.49	.38	.00	4445.70
3000.0	.0	3000.0	.0	.0	533.4	.0	57.1	13.0	4445.60
.23	.00	5.62	.00	.000	.040	.000	.000	4441.10	935.03
.003651	95.	95.	95.	2	14	0	.00	132.94	1067.98

*SECNO 6226.000									
6226.000	4.48	4445.88	4444.20	.00	4446.35	.47	.26	.00	4445.90
3000.0	.0	3000.0	.0	.0	545.6	.0	58.0	13.3	4445.90
.23	.00	5.50	.00	.000	.040	.000	.000	4441.40	932.06
.003483	74.	74.	74.	0	14	0	.00	135.91	1067.97

*SECNO 6169.000									
6169.000	4.44	4446.06	4444.52	.00	4446.57	.51	.21	.01	4446.10
3000.0	.0	3000.0	.0	.0	524.7	.0	58.7	13.4	4446.12
.24	.00	5.72	.00	.000	.040	.000	.000	4441.62	932.11
.003944	57.	57.	57.	1	14	0	.00	135.70	1067.81

1
12JAN96 10:41:14

SECNO	DEPTH	CWSEL	CRINS	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIMB	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6131.000									
6131.000	4.42	4446.20	4444.78	.00	4446.74	.54	.16	.01	4446.30
3000.0	.0	3000.0	.0	.0	508.9	.0	59.1	13.6	4446.28
.24	.00	5.90	.00	.000	.040	.000	.000	4441.78	932.38
.004355	38.	38.	38.	0	14	0	.00	135.32	1067.70

*SECNO 6100.000									
6100.000	4.43	4446.33	4444.90	.00	4446.87	.54	.13	.00	4446.40
3000.0	.0	3000.0	.0	.0	509.7	.0	59.5	13.7	4446.40
.24	.00	5.89	.00	.000	.040	.000	.000	4441.90	932.29
.004336	31.	31.	31.	0	14	0	.00	135.41	1067.71

*SECNO 6000.000									
6000.000	4.50	4446.80	4445.10	.00	4447.27	.47	.39	.01	4446.80
3000.0	.0	3000.0	.0	.0	547.3	.0	60.7	14.0	4446.80
.25	.00	5.48	.00	.000	.040	.000	.000	4442.30	932.00
.003449	100.	100.	100.	2	14	0	.00	135.99	1067.99

*SECNO 5945.000									
5945.000	4.45	4446.97	4445.44	.00	4447.49	.51	.21	.01	4447.00
3000.0	.0	3000.0	.0	.0	522.4	.0	61.4	14.1	4447.00
.25	.00	5.74	.00	.000	.040	.000	.000	4442.52	930.04
.004096	55.	55.	55.	2	14	0	.00	137.85	1067.89

*SECNO 5800.000									
5800.000	4.47	4447.57	4446.06	.00	4448.07	.50	.58	.00	4447.60
3000.0	.0	3000.0	.0	.0	527.9	.0	63.1	14.6	4447.60
.26	.00	5.68	.00	.000	.040	.000	.000	4443.10	930.72
.003930	145.	145.	145.	2	14	0	.00	137.14	1067.86

*SECNO 5700.000									
5700.000	4.46	4447.96	4446.41	.00	4448.47	.51	.40	.00	4448.00
3000.0	.0	3000.0	.0	.0	524.1	.0	64.3	14.9	4448.00
.26	.00	5.72	.00	.000	.040	.000	.000	4443.50	930.05
.004050	100.	100.	100.	0	14	0	.00	137.82	1067.87

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	BNDST

CCHV= .300 CRHV= .500
 *SECNO 5549.000

95 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4448.60 ELREA= 4448.60

5549.000	4.42	4448.52	4447.48	.00	4449.52	1.00	.80	.24	4448.60
3000.0	.0	3000.0	.0	.0	374.2	.0	65.9	15.3	4448.60
.27	.00	8.02	.00	.000	.040	.000	.000	4444.10	1000.00
.007328	151.	151.	151.	2	15	0	.00	84.67	1084.67

SPECIAL CULVERT

SC	CUNO	CUNV	ENTLC	COFQ	RDLBN	RISE	SPAN	CULVLN	CHRT	SC1	BLCHU	BLCHD
	8	.013	.20	2.80	.00	5.00	10.00	80.00	11	3	4444.42	4444.10

HART 11 - BOX CULVERT; SKEWED HEADWALL; CHAMFERED OR BEVELED INLET EDGES
 SCALE 3 - HEADWALL SKEWED 15 DEGREES; INLET EDGES CHAMFERED 3/4-INCH

*SECNO 5469.000

SPECIAL CULVERT INLET CONTROL

EGIC = 4450.271 EGOC = 4450.053 PCWSE= 4448.520 BLTRD= 4450.420

SPECIAL CULVERT

EGIC	EGOC	H4	QWBIR	QCULV	VCH	ACULV	BLTRD	WEIRLN
4450.27	4450.05	.75	0.	3000.	6.944	400.0	4450.42	0.

5469.000	5.10	4449.52	.00	.00	4450.27	.75	.75	.00	4450.40
3000.0	.0	3000.0	.0	.0	432.0	.0	66.6	15.5	4450.42
.27	.00	6.94	.00	.000	.040	.000	.000	4444.42	1000.00
.004628	80.	80.	80.	3	0	0	.00	84.67	1084.67

*SECNO 5370.000

80 CROSS SECTION 5370.00 EXTENDED .58 FEET

802 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.63

5370.000	5.56	4450.38	4447.72	.00	4450.67	.29	.27	.14	4449.80
3000.0	.0	3000.0	.0	.0	691.7	.0	67.9	15.7	4450.82
.27	.00	4.34	.00	.000	.040	.000	.000	4444.82	1000.00
.001744	99.	99.	99.	2	11	0	.00	146.25	1146.25

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
-------	-------	-------	------	-------	----	----	----	-------	-------------

Q TIME SLOPE	QLOB VLOB XLOBL	QCH VCH XLCH	QROB VROB XLOBR	ALOB XNL ITRIAL	ACH XNCH IDC	AROB XNR ICONT	VOL WTN CORAR	TWA ELMIN TOPWID	R-BANK ELEV SSTA ENDST
CCHV=	.100	CCHV=	.300						
SECNO	5050.000								
5050.000	4.90	4451.00	4448.99	.00	4451.40	.39	.69	.03	4451.08
3000.0	.0	3000.0	.0	.0	596.6	.0	72.6	16.8	4452.10
.29	.00	5.03	.00	.000	.040	.000	.000	4446.10	1000.36
.002762	320.	320.	320.	2	11	0	.00	143.26	1143.62

SECNO	4950.000								
4950.000	4.78	4451.27	4449.40	.00	4451.69	.42	.29	.01	4451.48
3000.0	.0	3000.0	.0	.0	578.1	.0	74.0	17.1	4452.50
.30	.00	5.19	.00	.000	.040	.000	.000	4446.50	1000.99
.003035	100.	100.	100.	2	11	0	.00	142.12	1143.10

*SECNO	4850.000								
4850.000	4.68	4451.57	4449.79	.00	4452.02	.44	.32	.01	4451.88
3000.0	.0	3000.0	.0	.0	562.5	.0	75.3	17.4	4452.90
.30	.00	5.33	.00	.000	.040	.000	.000	4446.90	1001.52
.003293	100.	100.	100.	0	14	0	.00	141.15	1142.66

*SECNO	4750.000								
4750.000	4.60	4451.90	4450.19	.00	4452.36	.46	.34	.00	4452.28
3000.0	.0	3000.0	.0	.0	552.9	.0	76.6	17.8	4453.30
.31	.00	5.43	.00	.000	.040	.000	.000	4447.30	1001.84
.003468	100.	100.	100.	1	14	0	.00	140.54	1142.39

*SECNO	4650.000								
4650.000	4.55	4452.25	4450.58	.00	4452.72	.47	.35	.00	4452.68
3000.0	.0	3000.0	.0	.0	545.0	.0	77.8	18.1	4453.70
.31	.00	5.50	.00	.000	.040	.000	.000	4447.70	1002.12
.003622	100.	100.	100.	0	14	0	.00	140.04	1142.16

*SECNO	4550.000								
4550.000	4.51	4452.61	4450.99	.00	4453.09	.48	.37	.00	4453.08
3000.0	.0	3000.0	.0	.0	539.6	.0	79.1	18.4	4454.10
.32	.00	5.56	.00	.000	.040	.000	.000	4448.10	1002.30
.003732	100.	100.	100.	0	14	0	.00	139.70	1142.01

1 12JAN96 10:41:14 PAGE 24

SECNO Q TIME SLOPE	DEPTH QLOB VLOB XLOBL	CWSEL QCH VCH XLCH	CRISW QROB VROB XLOBR	WSELK ALOB XNL ITRIAL	EG ACH XNCH IDC	HV AROB XNR ICONT	HL VOL WTN CORAR	OLOSS TWA ELMIN TOPWID	L-BANK ELEV R-BANK ELEV SSTA ENDST
SECNO	4500.000								
4500.000	4.49	4452.79	4451.18	.00	4453.28	.48	.19	.00	4453.28
3000.0	.0	3000.0	.0	.0	538.2	.0	79.7	18.6	4454.30
.32	.00	5.57	.00	.000	.040	.000	.000	4448.30	1002.35
.003760	50.	50.	50.	0	14	0	.00	139.62	1141.97

SECNO 4450.000

4450.000	4.48	4452.98	4451.39	.00	4453.47	.49	.19	.00	4453.48
3000.0	.0	3000.0	.0	.0	536.7	.0	80.3	18.7	4454.50
.32	.00	5.59	.00	.000	.040	.000	.000	4448.50	1002.40
.003792	50.	50.	50.	0	14	0	.00	139.52	1141.93

*SECNO 4425.000

4425.000	4.47	4453.07	4451.49	.00	4453.56	.49	.10	.00	4453.58
3000.0	.0	3000.0	.0	.0	535.8	.0	80.6	18.8	4454.60
.32	.00	5.60	.00	.000	.040	.000	.000	4448.60	1002.44
.003812	25.	25.	25.	0	14	0	.00	139.46	1141.90

*SECNO 4400.000

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .55

4400.000	3.16	4452.82	4452.54	.00	4453.90	1.08	.16	.18	4454.64
3000.0	.0	3000.0	.0	.0	360.4	.0	80.9	18.9	4455.66
.33	.00	8.32	.00	.000	.040	.000	.000	4449.66	1008.76
.012711	25.	25.	25.	3	14	0	.00	127.89	1136.65

*SECNO 4350.000

4350.000	3.82	4453.68	4452.75	.00	4454.38	.70	.45	.04	4454.84
3000.0	.0	3000.0	.0	.0	446.0	.0	81.3	19.0	4455.86
.33	.00	6.73	.00	.000	.040	.000	.000	4449.86	1005.60
.006631	50.	50.	50.	3	11	0	.00	133.67	1139.27

*SECNO 4300.000

4300.000	4.00	4454.06	4452.95	.00	4454.69	.63	.30	.01	4455.04
3000.0	.0	3000.0	.0	.0	471.0	.0	81.9	19.2	4456.06
.33	.00	6.37	.00	.000	.040	.000	.000	4450.06	1004.71
.005623	50.	50.	50.	2	15	0	.00	135.30	1140.01

12JAN96 10:41:14

PAGE 25

SECNO	DEPTH	CWSBL	CRWS	WSBLK	BG	HV	HL	OLOSS	L-BANK	BLEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	BLEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 4200.000

4200.000	4.19	4454.65	4453.36	.00	4455.22	.57	.52	.01	4455.44
3000.0	.0	3000.0	.0	.0	496.7	.0	83.0	19.5	4456.46
.33	.00	6.04	.00	.000	.040	.000	.000	4450.46	1003.80
.004788	100.	100.	100.	2	15	0	.00	136.97	1140.77

*SECNO 4000.000

4000.000	4.34	4455.60	4454.15	.00	4456.12	.52	.90	.00	4456.24
3000.0	.0	3000.0	.0	.0	517.1	.0	85.3	20.1	4457.26
.34	.00	5.80	.00	.000	.040	.000	.000	4451.26	1003.08
.004241	200.	200.	200.	2	19	0	.00	138.28	1141.36

*SECNO 3950.000

3950.000	4.36	4455.82	4454.35	.00	4456.33	.52	.21	.00	4456.44
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3000.0	.0	3000.0	.0	.0	520.6	.0	85.9	20.3	4457.46
.35	.00	5.76	.00	.000	.040	.000	.000	4451.46	1002.96
.004155	50.	50.	50.	0	14	0	.00	138.50	1141.46

*SECNO 3925.000

3925.000	4.36	4455.92	4454.45	.00	4456.44	.52	.10	.00	4456.54
3000.0	.0	3000.0	.0	.0	520.1	.0	86.2	20.4	4457.56
.35	.00	5.77	.00	.000	.040	.000	.000	4451.56	1002.98
.004167	25.	25.	25.	0	14	0	.00	138.47	1141.45

*SECNO 3900.000

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .52

3900.000	2.99	4455.61	4455.51	.00	4456.83	1.22	.18	.21	4457.60
3000.0	.0	3000.0	.0	.0	338.9	.0	86.4	20.4	4458.62
.35	.00	8.85	.00	.000	.040	.000	.000	4452.62	1009.57
.015345	25.	25.	25.	3	14	0	.00	126.41	1135.98

*SECNO 3700.000

12JAN96 10:41:14

PAGE 26

SECNO	DEPTH	CWSBL	CRWS	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	KLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.94

3700.000	4.39	4457.81	4456.32	.00	4458.32	.51	1.42	.07	4458.40
3000.0	.0	3000.0	.0	.0	523.7	.0	88.4	21.0	4459.42
.36	.00	5.73	.00	.000	.040	.000	.000	4453.42	1002.85
.004081	200.	200.	200.	2	8	0	.00	138.70	1141.55

*SECNO 3500.000

3500.000	4.41	4458.63	4457.11	.00	4459.13	.50	.81	.00	4459.20
3000.0	.0	3000.0	.0	.0	526.2	.0	90.8	21.7	4460.22
.37	.00	5.70	.00	.000	.040	.000	.000	4454.22	1002.77
.004025	200.	200.	200.	3	14	0	.00	138.86	1141.62

*SECNO 3450.000

3450.000	4.41	4458.83	4457.31	.00	4459.33	.50	.20	.00	4459.40
3000.0	.0	3000.0	.0	.0	526.5	.0	91.4	21.8	4460.42
.37	.00	5.70	.00	.000	.040	.000	.000	4454.42	1002.76
.004017	50.	50.	50.	0	14	0	.00	138.88	1141.63

*SECNO 3425.000

3425.000	4.41	4458.93	4457.41	.00	4459.43	.50	.10	.00	4459.50
3000.0	.0	3000.0	.0	.0	526.5	.0	91.7	21.9	4460.52
.37	.00	5.70	.00	.000	.040	.000	.000	4454.52	1002.76

.004017 25. 25. 25. 0 14 0 .00 138.88 1141.63

SECNO 3400.000

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .53

3400.000	3.06	4458.65	4458.47	.00	4459.80	1.15	.17	.19	4460.56
3000.0	.0	3000.0	.0	.0	348.2	.0	92.0	22.0	4461.58
.37	.00	8.62	.00	.000	.040	.000	.000	4455.58	1009.22
.014129	25.	25.	25.	3	14	0	.00	127.05	1136.27

12JAN96 10:41:14

SECNO	DEPTH	CWSBL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SECNO 3300.000

301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.63

3300.000	4.07	4460.06	4458.89	.00	4460.67	.60	.81	.05	4460.97
3000.0	.0	3000.0	.0	.0	480.7	.0	92.9	22.3	4461.99
.38	.00	6.24	.00	.000	.040	.000	.000	4455.99	1004.36
.005286	100.	100.	100.	2	8	0	.00	135.94	1140.30

SECNO 3200.000

3200.000	4.20	4460.61	4459.30	.00	4461.17	.56	.50	.00	4461.39
3000.0	.0	3000.0	.0	.0	499.1	.0	94.1	22.6	4462.41
.38	.00	6.01	.00	.000	.040	.000	.000	4456.41	1003.71
.004719	100.	100.	100.	2	19	0	.00	137.12	1140.84

SECNO 3100.000

3100.000	4.27	4461.09	4459.71	.00	4461.63	.54	.46	.00	4461.80
3000.0	.0	3000.0	.0	.0	509.2	.0	95.2	22.9	4462.82
.39	.00	5.89	.00	.000	.040	.000	.000	4456.82	1003.36
.004443	100.	100.	100.	1	14	0	.00	137.77	1141.13

SECNO 3000.000

3000.000	4.31	4461.54	4460.12	.00	4462.07	.53	.44	.00	4462.21
3000.0	.0	3000.0	.0	.0	514.1	.0	96.4	23.2	4463.23
.39	.00	5.84	.00	.000	.040	.000	.000	4457.23	1003.19
.004317	100.	100.	100.	0	14	0	.00	138.08	1141.27

SECNO 2920.000

2920.000	4.33	4461.89	4460.45	.00	4462.41	.53	.34	.00	4462.54
3000.0	.0	3000.0	.0	.0	515.7	.0	97.4	23.5	4463.56
.39	.00	5.82	.00	.000	.040	.000	.000	4457.56	1003.13
.004276	80.	80.	80.	0	14	0	.00	138.19	1141.32

CCHV= .300 CRHV= .600

12JAN96 10:41:14

SECNO	DEPTH	CWSEL	CRISW	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2820.000

301 HV CHANGED MORE THAN HVINS

495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4463.80 ELREA= 4463.75

2820.000	4.25	4462.25	4461.38	.00	4463.33	1.08	.58	.33	4463.80
3000.0	.0	3000.0	.0	.0	359.5	.0	98.4	23.8	4463.75
.40	.00	8.34	.00	.000	.040	.000	.000	4458.00	1000.00
.008334	100.	100.	100.	2	15	0	.00	84.67	1084.67

SPECIAL CULVERT

SC	CUNO	CUNV	BNTLC	COFQ	RDLEN	RISE	SPAN	CULVLN	CHRT	SCL	ELCHU	ELCHD
8	.013	.20	2.80	.00	5.00	10.00	82.82	10	1	4458.50	4458.00	

CHART 10 - BOX CULVERT; 90-DEGREE HEADWALL; CHAMFERED OR BEVELED INLET EDGES
SCALE 1 - INLET EDGES CHAMFERED 3/4-INCH

*SECNO 2736.000

SPECIAL CULVERT INLET CONTROL

BGIC = 4464.272 BGOE = 4464.121 PCWSE= 4462.246 ELTRD= 4464.500

SPECIAL CULVERT

BGIC	BGOE	H4	QWEIR	QCULV	VCH	ACULV	ELTRD	WBIRLN
4464.27	4464.12	.94	0.	3000.	7.100	400.0	4464.50	0.

495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4464.50 ELREA= 4464.50

2736.000	4.99	4463.49	.00	.00	4464.27	.78	.94	.00	4464.50
3000.0	.0	3000.0	.0	.0	422.6	.0	99.1	23.9	4464.50
.40	.00	7.10	.00	.000	.040	.000	.000	4458.50	1000.00
.004968	83.	83.	83.	3	0	0	.00	84.67	1084.67

*SECNO 2652.000

301 HV CHANGED MORE THAN HVINS

12JAN96 10:41:14

SECNO	DEPTH	CWSEL	CRISW	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.86

2652.000	5.65	4464.40	4461.63	.00	4464.64	.24	.20	.16	4465.00
3000.0	.0	2875.9	124.1	.0	716.7	103.3	100.3	24.3	4463.00
.41	.00	4.01	1.20	.000	.040	.040	.000	4458.75	1002.41
.001432	84.	84.	84.	2	11	0	.00	315.33	1317.73

CHV= .100 CBHV= .300

*SECNO 2477.000

2477.000	5.39	4464.67	4461.81	.00	4464.87	.20	.23	.00	4466.00
3000.0	.0	2928.6	71.4	.0	803.6	84.6	103.7	25.5	4464.00
.42	.00	3.64	.84	.000	.040	.040	.000	4459.28	1004.95
.001224	175.	175.	150.	2	14	0	.00	349.27	1354.22

*SECNO 2277.000

2277.000	5.05	4464.93	4462.40	.00	4465.14	.21	.26	.00	4467.20
3000.0	.0	2850.8	149.2	.0	749.6	130.7	107.7	27.2	4464.00
.44	.00	3.80	1.14	.000	.040	.040	.000	4459.88	1007.75
.001430	200.	200.	200.	1	14	0	.00	364.49	1372.24

*SECNO 2077.000

2077.000	4.76	4465.24	4462.41	.00	4465.36	.12	.21	.01	4468.10
3000.0	.0	3000.0	.0	.0	1061.8	.0	112.2	28.6	4466.00
.46	.00	2.83	.00	.000	.040	.000	.000	4460.48	1009.39
.000833	200.	200.	200.	2	18	0	.00	247.02	1256.41

CHV= .300 CBHV= .600

*SECNO 1877.000

1877.000	4.36	4465.44	4462.78	.00	4465.51	.07	.13	.02	4468.50
3000.0	.0	3000.0	.0	.0	1395.6	.0	117.8	30.0	4469.00
.48	.00	2.15	.00	.000	.040	.000	.000	4461.08	1010.31
.000557	200.	200.	200.	2	22	0	.00	362.34	1372.64

*SECNO 1677.000

302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .42

1

12JAN96 10:41:14

PAGE 30

SECNO	DEPTH	CWSEL	CRIWS	WSELK	BG	HV	HL	OLOSS	L-BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

1677.000	3.87	4465.55	4464.00	.00	4465.91	.36	.22	.17	4469.00
3000.0	.0	3000.0	.0	.0	620.9	.0	122.5	31.2	4469.00
.49	.00	4.83	.00	.000	.040	.000	.000	4461.68	1011.80
.003181	200.	200.	200.	2	11	0	.00	176.21	1188.01

CHV= .100 CBHV= .300

*SECNO 1477.000

302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .35

1477.000	3.84	4466.12	4465.16	.00	4466.78	.66	.78	.09	4469.00
1500.0	.0	1500.0	.0	.0	230.9	.0	124.4	31.8	4469.00
.50	.00	6.50	.00	.000	.040	.000	.000	4462.28	1007.48
.006404	200.	200.	200.	2	15	0	.00	70.03	1077.52

*SECNO 1277.000

1277.000	4.44	4467.32	4465.74	.00	4467.77	.45	.97	.02	4469.00
1500.0	.0	1500.0	.0	.0	278.2	.0	125.6	32.1	4469.00
.51	.00	5.39	.00	.000	.040	.000	.000	4462.88	1004.81
.003792	200.	200.	200.	2	15	0	.00	75.38	1080.19

*SECNO 1077.000

1077.000	4.59	4468.07	4466.33	.00	4468.48	.41	.71	.00	4469.00
1500.0	.0	1500.0	.0	.0	291.3	.0	126.9	32.5	4470.00
.52	.00	5.15	.00	.000	.040	.000	.000	4463.48	1002.94
.003338	200.	200.	200.	2	14	0	.00	76.88	1079.83

*SECNO 1002.000

1002.000	4.63	4468.33	4466.54	.00	4468.73	.39	.24	.00	4469.00
1500.0	.0	1500.0	.0	.0	297.4	.0	127.4	32.6	4470.00
.53	.00	5.04	.00	.000	.040	.000	.000	4463.70	1002.18
.003184	75.	75.	75.	0	14	0	.00	78.21	1080.39

12JAN96 10:41:14

T1
T2
T3

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0	3	0	0	0	0	0	0	4434.02	0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2	0	-1	0	0	0	-1	0	0	0

12JAN96 10:41:14

SECNO	DEPTH	CWSEL	CRIVS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CRITICAL DEPTH TO BE CALCULATED AT ALL CROSS SECTIONS

CCHV= .300 CRHV= .500

*SECNO 10421.000

10421.000	3.56	4434.02	4431.23	4434.02	4434.04	.02	.00	.00	4436.50
440.0	.0	440.0	.0	.0	443.6	.0	.0	.0	4436.50
.00	.00	.99	.00	.000	.040	.000	.000	4430.46	1007.39
.000148	0.	0.	0.	0	16	0	.00	135.22	1142.61

*SECNO 10271.000

495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4436.60 ELREA= 4436.63

10271.000	3.30	4434.04	4431.58	.00	4434.07	.03	.03	.01	4436.60
440.0	.0	440.0	.0	.0	332.4	.0	1.3	.4	4436.63
.03	.00	1.32	.00	.000	.040	.000	.000	4430.74	1000.00
.000281	151.	151.	151.	0	17	0	.00	100.66	1100.67

SPECIAL CULVERT

SC	CUNO	CUNV	ENTLC	COFQ	RDLEN	RISE	SPAN	CULVLN	CHRT	SCL	ELCHU	ELCHD
8		.013	.20	2.80	.00	5.00	12.00	210.38	10	1	4430.89	4430.74

CHART 10 - BOX CULVERT; 90-DEGREE HEADWALL; CHAMFERED OR BEVELED INLET EDGES
SCALE 1 - INLET EDGES CHAMFERED 3/4-INCH

*SECNO 10060.000

SPECIAL CULVERT OUTLET CONTROL

EGIC = 4432.311 EGOC = 4434.092 PCWSE= 4434.044 ELTRD= 4438.470

SPECIAL CULVERT

EGIC	EGOC	H4	QWEIR	QCULV	VCH	ACULV	ELTRD	WEIRLN
4432.31	4434.09	.02	0.	440.	1.514	480.0	4438.47	0.

495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4437.00 ELREA= 4437.00

10060.000	2.89	4434.06	.00	.00	4434.09	.04	.02	.00	4437.00
440.0	.0	440.0	.0	.0	290.6	.0	2.9	.9	4437.00
.07	.00	1.51	.00	.000	.040	.000	.000	4431.17	1000.01
.000435	211.	211.	211.	2	0	0	.00	100.66	1100.67

12JAN96 10:41:14

SECNO	DEPTH	CWSBL	CRISW	WSLKL	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .100 CEHV= .300

*SECNO 9900.000

9900.000	2.63	4434.13	4432.27	.00	4434.16	.03	.07	.00	4437.00
440.0	.0	440.0	.0	.0	320.0	.0	4.0	1.3	4437.90
.10	.00	1.38	.00	.000	.040	.000	.000	4431.50	1009.42
.000416	160.	160.	160.	1	14	0	.00	129.96	1139.38

*SECNO 9826.000

9826.000	2.52	4434.16	4432.41	.00	4434.20	.03	.03	.00	4436.90
440.0	.0	440.0	.0	.0	301.9	.0	4.5	1.5	4436.90
.12	.00	1.46	.00	.000	.040	.000	.000	4431.64	939.22
.000483	74.	74.	74.	0	14	0	.00	125.33	1064.55

*SECNO 9775.000

9775.000	2.45	4434.19	4432.51	.00	4434.22	.04	.03	.00	4437.00
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440.0	.0	440.0	.0	.0	292.1	.0	4.9	1.7	4437.00
.13	.00	1.51	.00	.000	.040	.000	.000	4431.74	939.34
.000536	51.	51.	51.	0	17	0	.00	124.98	1064.32

*SECNO 9700.000

9700.000	2.33	4434.23	4432.67	.00	4434.27	.04	.04	.00	4437.31
440.0	.0	440.0	.0	.0	278.3	.0	5.3	1.9	4437.10
.14	.00	1.58	.00	.000	.040	.000	.000	4431.90	938.57
.000632	75.	75.	75.	0	17	0	.00	125.47	1064.04

*SECNO 9650.000

9650.000	2.26	4434.26	4432.74	.00	4434.30	.04	.03	.00	4437.20
440.0	.0	440.0	.0	.0	285.7	.0	5.7	2.0	4437.25
.15	.00	1.54	.00	.000	.040	.000	.000	4432.00	931.78
.000620	50.	50.	50.	0	17	0	.00	131.99	1063.77

*SECNO 9638.000

9638.000	2.25	4434.27	4432.78	.00	4434.31	.04	.01	.00	4437.30
440.0	.0	440.0	.0	.0	271.4	.0	5.7	2.1	4437.27
.15	.00	1.62	.00	.000	.040	.000	.000	4432.02	936.29
.000700	12.	12.	12.	0	17	0	.00	127.45	1063.74

12JAN96 10:41:14

PAGE 34

SECNO	DEPTH	CWSBL	CRISWS	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9615.000

9615.000	2.21	4434.28	4432.94	.00	4434.33	.05	.02	.00	4437.30
440.0	.0	440.0	.0	.0	254.6	.0	5.9	2.2	4437.32
.15	.00	1.73	.00	.000	.040	.000	.000	4432.07	936.34
.000866	23.	23.	23.	0	18	0	.00	127.29	1063.63

*SECNO 9592.000

9592.000	2.20	4434.30	4432.98	.00	4434.35	.05	.02	.00	4437.40
440.0	.0	440.0	.0	.0	251.6	.0	6.0	2.2	4437.37
.16	.00	1.75	.00	.000	.040	.000	.000	4432.10	936.50
.000898	23.	23.	23.	0	18	0	.00	127.03	1063.53

*SECNO 9565.000

9565.000	2.16	4434.33	4432.94	.00	4434.37	.04	.02	.00	4437.40
440.0	.0	440.0	.0	.0	259.4	.0	6.2	2.3	4437.42
.16	.00	1.70	.00	.000	.040	.000	.000	4432.17	936.52
.000810	27.	27.	27.	0	18	0	.00	126.94	1063.46

*SECNO 9483.000

9483.000	2.05	4434.39	4433.07	.00	4434.44	.04	.07	.00	4437.60
440.0	.0	440.0	.0	.0	259.9	.0	6.7	2.5	4437.59
.18	.00	1.69	.00	.000	.040	.000	.000	4432.34	934.38
.000864	82.	82.	82.	0	17	0	.00	133.50	1067.89

*SECNO 9400.000

9400.000	1.96	4434.47	4433.28	.00	4434.52	.06	.08	.00	4437.80
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440.0	.0	440.0	.0	.0	232.0	.0	7.1	2.8	4437.92
.19	.00	1.90	.00	.000	.040	.000	.000	4432.51	937.18
.001134	83.	83.	83.	0	18	0	.00	123.54	1060.72

*SECNO 9350.000

9350.000	1.92	4434.53	4433.37	.00	4434.58	.06	.06	.00	4437.90
440.0	.0	440.0	.0	.0	229.1	.0	7.4	2.9	4438.02
.20	.00	1.92	.00	.000	.040	.000	.000	4432.61	937.32
.001214	50.	50.	50.	0	18	0	.00	126.22	1063.54

12JAN96 10:41:14

PAGE 35

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XLN	XLNCH	XNR	WTN	BLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9266.000

9266.000	1.85	4434.63	4433.54	.00	4434.69	.06	.11	.00	4438.00
440.0	.0	440.0	.0	.0	221.2	.0	7.8	3.2	4438.19
.21	.00	1.99	.00	.000	.040	.000	.000	4432.78	937.44
.001360	84.	84.	84.	0	17	0	.00	125.89	1063.32

*SECNO 9200.000

9200.000	1.80	4434.72	4433.69	.00	4434.79	.07	.09	.00	4438.20
440.0	.0	440.0	.0	.0	212.5	.0	8.2	3.4	4438.33
.22	.00	2.07	.00	.000	.040	.000	.000	4432.92	937.65
.001507	66.	66.	66.	0	14	0	.00	122.77	1060.42

*SECNO 9150.000

9150.000	1.78	4434.80	4433.76	.00	4434.86	.06	.07	.00	4438.30
440.0	.0	440.0	.0	.0	222.3	.0	8.4	3.5	4438.27
.22	.00	1.98	.00	.000	.040	.000	.000	4433.02	937.71
.001395	50.	50.	50.	0	14	0	.00	129.74	1067.46

*SECNO 9128.000

9128.000	1.77	4434.83	4433.83	.00	4434.90	.07	.03	.00	4438.30
440.0	.0	440.0	.0	.0	211.4	.0	8.5	3.6	4438.31
.23	.00	2.08	.00	.000	.040	.000	.000	4433.06	937.68
.001562	22.	22.	22.	0	14	0	.00	124.64	1062.31

*SECNO 9068.000

9068.000	1.75	4434.93	4434.04	.00	4435.01	.08	.11	.00	4438.50
440.0	.0	440.0	.0	.0	194.0	.0	8.8	3.7	4438.43
.23	.00	2.27	.00	.000	.040	.000	.000	4433.18	939.69
.002038	60.	60.	60.	0	11	0	.00	122.52	1062.21

*SECNO 9037.000

9037.000	1.74	4434.99	4434.10	.00	4435.07	.08	.06	.00	4438.50
440.0	.0	440.0	.0	.0	193.9	.0	8.9	3.8	4438.50
.24	.00	2.27	.00	.000	.040	.000	.000	4433.25	939.37
.002045	31.	31.	31.	0	8	0	.00	122.82	1062.19

12JAN96 10:41:14

PAGE 36

SBCNO	DEPTH	CWSBL	CRWS	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9012.000

9012.000	1.75	4435.05	4434.06	.00	4435.12	.07	.05	.00	4438.50
440.0	.0	440.0	.0	.0	207.5	.0	9.1	3.9	4438.55
.24	.00	2.12	.00	.000	.040	.000	.000	4433.30	937.73
.001658	25.	25.	25.	0	14	0	.00	124.49	1062.22

*SECNO 8988.000

8988.000	1.74	4435.09	4434.09	.00	4435.15	.06	.04	.00	4438.60
440.0	.0	440.0	.0	.0	218.1	.0	9.2	4.0	4438.60
.24	.00	2.02	.00	.000	.040	.000	.000	4433.35	932.59
.001485	24.	24.	24.	0	14	0	.00	129.63	1062.22

*SECNO 8900.000

8900.000	1.70	4435.23	4434.29	.00	4435.30	.07	.14	.00	4438.94
440.0	.0	440.0	.0	.0	201.3	.0	9.6	4.2	4438.80
.25	.00	2.19	.00	.000	.040	.000	.000	4433.53	939.12
.001806	88.	88.	88.	0	14	0	.00	122.96	1062.08

*SECNO 8770.000

8770.000	1.68	4435.47	4434.55	.00	4435.54	.08	.24	.00	4439.00
440.0	.0	440.0	.0	.0	199.4	.0	10.2	4.6	4439.04
.27	.00	2.21	.00	.000	.040	.000	.000	4433.79	937.94
.001884	130.	130.	130.	2	14	0	.00	124.09	1062.03

*SECNO 8700.000

8700.000	1.67	4435.60	4434.70	.00	4435.67	.08	.13	.00	4439.34
440.0	.0	440.0	.0	.0	197.8	.0	10.5	4.8	4439.20
.28	.00	2.22	.00	.000	.040	.000	.000	4433.93	938.25
.001930	70.	70.	70.	0	14	0	.00	123.73	1061.97

*SECNO 8600.000

8600.000	1.65	4435.79	4434.91	.00	4435.87	.08	.20	.00	4439.55
440.0	.0	440.0	.0	.0	194.3	.0	11.0	5.1	4439.40
.29	.00	2.26	.00	.000	.040	.000	.000	4434.14	940.17
.002007	100.	100.	100.	0	14	0	.00	121.76	1061.94

12JAN96 10:41:14

PAGE 37

SBCNO	DEPTH	CWSBL	CRWS	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 8500.000

8500.000	1.65	4435.99	4435.08	.00	4436.06	.07	.19	.00	4439.60
440.0	.0	440.0	.0	.0	206.4	.0	11.4	5.4	4439.59
.31	.00	2.13	.00	.000	.040	.000	.000	4434.34	932.74
.001776	100.	100.	100.	0	15	0	.00	129.21	1061.95

*SBCNO 8425.000

8425.000	1.64	4436.13	4435.25	.00	4436.21	.08	.14	.00	4439.70
440.0	.0	440.0	.0	.0	193.5	.0	11.8	5.6	4439.70
.31	.00	2.27	.00	.000	.040	.000	.000	4434.49	940.53
.002031	75.	75.	75.	0	14	0	.00	121.43	1061.97

*SBCNO 8360.000

8360.000	1.63	4436.26	4435.40	.00	4436.34	.08	.14	.00	4439.90
440.0	.0	440.0	.0	.0	190.6	.0	12.1	5.8	4439.90
.32	.00	2.31	.00	.000	.040	.000	.000	4434.63	940.57
.002129	65.	65.	65.	0	11	0	.00	121.28	1061.84

*SBCNO 8290.000

8290.000	1.64	4436.41	4435.51	.00	4436.48	.07	.14	.00	4440.00
440.0	.0	440.0	.0	.0	204.6	.0	12.4	6.0	4440.02
.33	.00	2.15	.00	.000	.040	.000	.000	4434.77	932.74
.001828	70.	70.	70.	0	14	0	.00	129.16	1061.91

*SBCNO 8225.000

8225.000	1.63	4436.53	4435.66	.00	4436.61	.08	.13	.00	4440.20
440.0	.0	440.0	.0	.0	194.8	.0	12.7	6.1	4440.15
.34	.00	2.26	.00	.000	.040	.000	.000	4434.90	938.13
.002030	65.	65.	65.	0	11	0	.00	123.79	1061.92

*SBCNO 8110.000

8110.000	1.64	4436.78	4435.98	.00	4436.86	.08	.25	.00	4440.40
440.0	.0	440.0	.0	.0	189.5	.0	13.2	6.5	4440.39
.35	.00	2.32	.00	.000	.040	.000	.000	4435.14	934.80
.002309	115.	115.	115.	2	11	0	.00	127.10	1061.91

12JAN96 10:41:14

PAGE 38

SECNO	DEPTH	CWSEL	CRISW	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	BLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SBCNO 8088.000

8088.000	1.65	4436.83	4435.99	.00	4436.91	.07	.05	.00	4440.40
440.0	.0	440.0	.0	.0	200.2	.0	13.3	6.5	4440.43
.36	.00	2.20	.00	.000	.040	.000	.000	4435.18	934.76
.002036	22.	22.	22.	0	8	0	.00	132.50	1067.26

*SBCNO 8050.000

8050.000	1.65	4436.91	4436.03	.00	4436.99	.08	.08	.00	4440.50
440.0	.0	440.0	.0	.0	194.7	.0	13.4	6.7	4440.67
.36	.00	2.26	.00	.000	.040	.000	.000	4435.26	935.48
.002060	38.	38.	38.	0	14	0	.00	124.68	1060.16

*SBCNO 7965.000

7965.000	1.65	4437.08	4436.20	.00	4437.16	.08	.17	.00	4440.70
440.0	.0	440.0	.0	.0	196.3	.0	13.8	6.9	4440.84
.37	.00	2.24	.00	.000	.040	.000	.000	4435.43	935.49
.002055	85.	85.	85.	0	14	0	.00	127.15	1062.64

*SECNO 7900.000

7900.000	1.65	4437.21	4436.33	.00	4437.29	.08	.13	.00	4440.90
440.0	.0	440.0	.0	.0	195.1	.0	14.1	7.1	4440.80
.38	.00	2.25	.00	.000	.040	.000	.000	4435.56	940.47
.001975	65.	65.	65.	0	11	0	.00	121.51	1061.98

*SECNO 7836.000

7836.000	1.65	4437.34	4436.46	.00	4437.42	.08	.13	.00	4440.90
440.0	.0	440.0	.0	.0	194.6	.0	14.4	7.3	4440.90
.39	.00	2.26	.00	.000	.040	.000	.000	4435.69	940.52
.001993	64.	64.	64.	0	11	0	.00	121.48	1062.00

*SECNO 7800.000

7800.000	1.65	4437.42	4436.51	.00	4437.49	.08	.07	.00	4441.00
440.0	.0	440.0	.0	.0	199.6	.0	14.6	7.4	4441.20
.39	.00	2.20	.00	.000	.040	.000	.000	4435.77	934.77
.001897	36.	36.	36.	0	14	0	.00	124.73	1059.50

12JAN96 10:41:14

PAGE 39

SECNO	DEPTH	CWSBL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7760.000

7760.000	1.64	4437.49	4436.59	.00	4437.57	.07	.08	.00	4441.10
440.0	.0	440.0	.0	.0	204.8	.0	14.8	7.5	4441.10
.40	.00	2.15	.00	.000	.040	.000	.000	4435.85	935.51
.001874	40.	40.	40.	0	14	0	.00	131.76	1067.27

*SECNO 7718.000

7718.000	1.64	4437.57	4436.79	.00	4437.66	.09	.09	.01	4441.20
440.0	.0	440.0	.0	.0	182.0	.0	14.9	7.6	4441.18
.40	.00	2.42	.00	.000	.040	.000	.000	4435.93	940.54
.002491	42.	42.	42.	0	11	0	.00	121.39	1061.93

*SECNO 7700.000

7700.000	1.65	4437.62	4436.83	.00	4437.71	.09	.04	.00	4441.30
440.0	.0	440.0	.0	.0	182.3	.0	15.0	7.7	4441.22
.40	.00	2.41	.00	.000	.040	.000	.000	4435.97	940.19
.002486	18.	18.	18.	0	11	0	.00	121.73	1061.92

*SECNO 7662.000

7662.000	1.66	4437.71	4436.82	.00	4437.79	.08	.08	.00	4441.30
440.0	.0	440.0	.0	.0	197.7	.0	15.2	7.8	4441.30
.41	.00	2.23	.00	.000	.040	.000	.000	4436.05	938.02
.001937	38.	38.	38.	0	11	0	.00	123.97	1061.98

*SECNO 7540.000

7540.000	1.65	4437.95	4437.04	.00	4438.02	.07	.23	.00	4441.50
440.0	.0	440.0	.0	.0	206.2	.0	15.7	8.1	4441.55
.42	.00	2.13	.00	.000	.040	.000	.000	4436.30	932.71
.001783	122.	122.	122.	2	14	0	.00	129.23	1061.94

SECNO 7340.000

7340.000	1.45	4438.39	4437.71	.00	4438.49	.10	.46	.01	4442.20
440.0	.0	440.0	.0	.0	169.6	.0	16.6	8.7	4442.20
.45	.00	2.59	.00	.000	.040	.000	.000	4436.94	940.83
.003116	200.	200.	200.	2	11	0	.00	120.50	1061.33

12JAN96 10:41:14

PAGE 40

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SECNO 7200.000

7200.000	1.37	4438.87	4438.28	.00	4438.99	.12	.49	.01	4442.50
440.0	.0	440.0	.0	.0	156.3	.0	17.1	9.1	4442.54
.46	.00	2.81	.00	.000	.040	.000	.000	4437.50	940.50
.004007	140.	140.	140.	2	11	0	.00	118.95	1059.46

SECNO 7125.000

7125.000	1.37	4439.17	4438.60	.00	4439.30	.13	.31	.00	4442.80
440.0	.0	440.0	.0	.0	151.3	.0	17.4	9.3	4442.60
.47	.00	2.91	.00	.000	.040	.000	.000	4437.80	943.46
.004253	75.	75.	75.	2	11	0	.00	114.53	1057.99

SECNO 7040.000

7040.000	1.39	4439.53	4438.97	.00	4439.67	.14	.37	.00	4442.70
440.0	.0	440.0	.0	.0	148.3	.0	17.7	9.5	4442.70
.47	.00	2.97	.00	.000	.040	.000	.000	4438.14	944.84
.004387	85.	85.	85.	1	14	0	.00	111.55	1056.38

SECNO 6975.000

6975.000	1.42	4439.82	4439.23	.00	4439.95	.14	.28	.00	4442.90
440.0	.0	440.0	.0	.0	148.5	.0	17.9	9.7	4442.90
.48	.00	2.96	.00	.000	.040	.000	.000	4438.40	945.76
.004283	65.	65.	65.	0	11	0	.00	109.90	1055.66

*SECNO 6900.000

6900.000	1.43	4440.13	4439.53	.00	4440.26	.13	.31	.00	4443.36
440.0	.0	440.0	.0	.0	152.4	.0	18.2	9.9	4443.20
.49	.00	2.89	.00	.000	.040	.000	.000	4438.70	944.24
.004000	75.	75.	75.	0	11	0	.00	111.53	1055.76

*SECNO 6840.000

6840.000	1.43	4440.37	4439.77	.00	4440.50	.13	.24	.00	4443.40
440.0	.0	440.0	.0	.0	151.6	.0	18.4	10.0	4443.40
.49	.00	2.90	.00	.000	.040	.000	.000	4438.94	945.67
.004010	60.	60.	60.	0	11	0	.00	110.15	1055.82

12JAN96 10:41:14

PAGE 41

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV

TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 6770.000									
6770.000	1.43	4440.65	4440.02	.00	4440.77	.12	.27	.00	4443.70
440.0	.0	440.0	.0	.0	160.1	.0	18.6	10.2	4443.72
.50	.00	2.75	.00	.000	.040	.000	.000	4439.22	939.05
.003606	70.	70.	70.	0	11	0	.00	116.68	1055.73

*SECNO 6725.000									
6725.000	1.42	4440.82	4440.30	.00	4440.96	.14	.18	.01	4443.90
440.0	.0	440.0	.0	.0	147.6	.0	18.8	10.3	4443.90
.50	.00	2.98	.00	.000	.040	.000	.000	4439.40	939.08
.004729	45.	45.	45.	0	14	0	.00	116.62	1055.70

*SECNO 6700.000									
6700.000	1.44	4440.94	4440.40	.00	4441.08	.14	.12	.00	4444.00
440.0	.0	440.0	.0	.0	148.8	.0	18.9	10.4	4444.00
.51	.00	2.96	.00	.000	.040	.000	.000	4439.50	939.06
.004607	25.	25.	25.	1	14	0	.00	116.68	1055.74

*SECNO 6612.000									
6612.000	1.47	4441.32	4440.69	.00	4441.45	.13	.37	.00	4444.40
440.0	.0	440.0	.0	.0	154.5	.0	19.2	10.6	4444.40
.52	.00	2.85	.00	.000	.040	.000	.000	4439.85	945.59
.003762	88.	88.	88.	2	11	0	.00	110.23	1055.82

*SECNO 6558.000									
6558.000	1.46	4441.53	4440.87	.00	4441.64	.11	.19	.00	4444.70
440.0	.0	440.0	.0	.0	163.1	.0	19.4	10.7	4444.57
.52	.00	2.70	.00	.000	.040	.000	.000	4440.07	945.44
.003351	54.	54.	54.	1	11	0	.00	115.61	1061.06

*SECNO 6476.000									
6476.000	1.42	4441.82	4441.24	.00	4441.96	.14	.31	.01	4444.90
440.0	.0	440.0	.0	.0	147.8	.0	19.7	11.0	4444.90
.53	.00	2.98	.00	.000	.040	.000	.000	4440.40	945.74
.004278	82.	82.	82.	0	11	0	.00	108.55	1054.30

12JAN96 10:41:14

PAGE 42

SECNO	DEPTH	CWSBL	CRISW	WSELK	BG	HV	HL	OLOSS	L-BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK	ELZV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 6455.000										
6455.000	1.43	4441.91	4441.31	.00	4442.04	.13	.09	.00	4445.00	
440.0	.0	440.0	.0	.0	150.6	.0	19.7	11.0	4444.98	
.53	.00	2.92	.00	.000	.040	.000	.000	4440.48	944.33	
.004155	21.	21.	21.	1	11	0	.00	111.37	1055.70	

*SECNO 6436.000										
6436.000	1.43	4441.99	4441.40	.00	4442.12	.13	.08	.00	4445.10	
440.0	.0	440.0	.0	.0	151.3	.0	19.8	11.1	4445.22	

.53	.00	2.91	.00	.000	.040	.000	.000	4440.56	944.32
.004089	19.	19.	19.	0	11	0	.00	111.40	1055.73

SECNO 6395.000

6395.000	1.44	4442.16	4441.56	.00	4442.29	.13	.17	.00	4445.20
440.0	.0	440.0	.0	.0	150.2	.0	20.0	11.2	4445.22
.54	.00	2.93	.00	.000	.040	.000	.000	4440.72	945.68
.004055	41.	41.	41.	0	11	0	.00	108.58	1054.26

SECNO 6300.000

6300.000	1.45	4442.55	4441.94	.00	4442.68	.13	.39	.00	4445.70
440.0	.0	440.0	.0	.0	153.7	.0	20.3	11.4	4445.60
.55	.00	2.86	.00	.000	.040	.000	.000	4441.10	945.19
.004121	95.	95.	95.	0	11	0	.00	116.41	1061.60

SECNO 6226.000

6226.000	1.45	4442.85	4442.20	.00	4442.96	.11	.28	.00	4445.90
440.0	.0	440.0	.0	.0	162.0	.0	20.6	11.6	4445.90
.55	.00	2.72	.00	.000	.040	.000	.000	4441.40	944.20
.003469	74.	74.	74.	1	11	0	.00	116.77	1060.97

SECNO 6169.000

6169.000	1.43	4443.05	4442.45	.00	4443.18	.13	.21	.00	4446.10
440.0	.0	440.0	.0	.0	151.8	.0	20.8	11.8	4446.12
.56	.00	2.90	.00	.000	.040	.000	.000	4441.62	944.23
.004055	57.	57.	57.	1	11	0	.00	111.51	1055.74

12JAN96 10:41:14

SECNO	DEPTH	CWSBL	CRISW	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SECNO 6131.000

6131.000	1.43	4443.21	4442.73	.00	4443.37	.16	.18	.01	4446.30
440.0	.0	440.0	.0	.0	138.3	.0	20.9	11.9	4446.28
.56	.00	3.18	.00	.000	.040	.000	.000	4441.78	944.34
.005513	38.	38.	38.	1	14	0	.00	111.34	1055.68

SECNO 6100.000

6100.000	1.48	4443.38	4442.84	.00	4443.52	.14	.16	.00	4446.40
440.0	.0	440.0	.0	.0	145.6	.0	21.0	11.9	4446.40
.56	.00	3.02	.00	.000	.040	.000	.000	4441.90	944.07
.004675	31.	31.	31.	2	14	0	.00	111.86	1055.93

SECNO 6000.000

6000.000	1.50	4443.80	4443.10	.00	4443.90	.11	.38	.00	4446.80
440.0	.0	440.0	.0	.0	167.6	.0	21.3	12.2	4446.80
.58	.00	2.62	.00	.000	.040	.000	.000	4442.30	938.92
.003109	100.	100.	100.	2	11	0	.00	117.07	1055.99

*SECNO 5945.000

5945.000	1.45	4443.97	4443.35	.00	4444.10	.13	.19	.01	4447.00
440.0	.0	440.0	.0	.0	152.8	.0	21.5	12.3	4447.00

.58	.00	2.88	.00	.000	.040	.000	.000	4442.52	945.63
.003907	55.	55.	55.	2	11	0	.00	110.21	1055.84

SBCNO 5800.000

5800.000	1.45	4444.55	4443.94	.00	4444.68	.13	.57	.00	4447.60
440.0	.0	440.0	.0	.0	151.7	.0	22.1	12.7	4447.60
.59	.00	2.90	.00	.000	.040	.000	.000	4443.10	945.67
.003993	145.	145.	145.	2	11	0	.00	110.11	1055.78

SBCNO 5700.000

5700.000	1.45	4444.95	4444.34	.00	4445.08	.13	.40	.00	4448.00
440.0	.0	440.0	.0	.0	151.3	.0	22.4	13.0	4448.00
.60	.00	2.91	.00	.000	.040	.000	.000	4443.50	945.67
.004029	100.	100.	100.	0	11	0	.00	110.09	1055.76

12JAN96 10:41:14

SBCNO	DEPTH	CWSEL	CRWS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VR0B	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .300 CBHV= .500

*SBCNO 5549.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 4448.60 ELREA= 4448.60

5549.000	1.51	4445.61	4445.04	.00	4445.79	.18	.69	.03	4448.60
440.0	.0	440.0	.0	.0	127.7	.0	22.9	13.3	4448.60
.62	.00	3.45	.00	.000	.040	.000	.000	4444.10	1000.01
.005212	151.	151.	151.	2	14	0	.00	84.66	1084.66

SPECIAL CULVERT

SC	CUNO	CUNV	ENTLC	COFQ	RDLEN	RISE	SPAN	CULVLN	CHRT	SLC	ELCHU	ELCHD
8		.013	.20	2.80	.00	5.00	10.00	80.00	11	3	4444.42	4444.10

CHART 11 - BOX CULVERT; SKEWED HEADWALL; CHAMFERED OR BEVELED INLET EDGES
 SCALE 3 - HEADWALL SKEWED 15 DEGREES; INLET EDGES CHAMFERED 3/4-INCH

*SECNO 5469.000

SPECIAL CULVERT INLET CONTROL

BGIC = 4446.046 EGOC = 4446.028 PCWSE= 4445.608 ELTRD= 4450.420

SPECIAL CULVERT

BGIC	EGOC	H4	QWBIR	QCULV	VCH	ACULV	ELTRD	WBIRLN
4446.05	4446.03	.25	0.	440.	3.647	400.0	4450.42	0.

5469.000	1.42	4445.84	.00	.00	4446.05	.21	.25	.00	4450.40
440.0	.0	440.0	.0	.0	120.7	.0	23.1	13.5	4450.42
.62	.00	3.65	.00	.000	.040	.000	.000	4444.42	1000.01
.006278	80.	80.	80.	2	0	0	.00	84.65	1084.66

*SECNO 5370.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.44

5370.000	1.56	4446.38	4445.65	.00	4446.49	.11	.42	.03	4449.80
440.0	.0	440.0	.0	.0	167.3	.0	23.4	13.7	4450.82
.63	.00	2.63	.00	.000	.040	.000	.000	4444.82	1016.46
.003011	99.	99.	99.	2	11	0	.00	113.80	1130.26

12JAN96 10:41:14

PAGE 45

SECNO	DEPTH	CWSBL	CRIWS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .100 CBHV= .300

*SECNO 5050.000

5050.000	1.41	4447.51	4446.93	.00	4447.65	.13	1.14	.01	4451.08
440.0	.0	440.0	.0	.0	149.3	.0	24.6	14.5	4452.10
.66	.00	2.95	.00	.000	.040	.000	.000	4446.10	1017.22
.004322	320.	320.	320.	2	11	0	.00	112.40	1129.63

*SECNO 4950.000

4950.000	1.43	4447.93	4447.33	.00	4448.06	.13	.42	.00	4451.48
440.0	.0	440.0	.0	.0	152.5	.0	24.9	14.8	4452.50
.67	.00	2.89	.00	.000	.040	.000	.000	4446.50	1017.09
.004045	100.	100.	100.	2	11	0	.00	112.65	1129.74

*SECNO 4850.000

4850.000	1.44	4448.34	4447.73	.00	4448.46	.13	.40	.00	4451.88
440.0	.0	440.0	.0	.0	153.5	.0	25.3	15.0	4452.90
.68	.00	2.87	.00	.000	.040	.000	.000	4446.90	1017.04
.003958	100.	100.	100.	1	11	0	.00	112.73	1129.77

*SECNO 4750.000

4750.000	1.43	4448.73	4448.13	.00	4448.86	.13	.40	.00	4452.28
440.0	.0	440.0	.0	.0	152.8	.0	25.7	15.3	4453.30
.69	.00	2.88	.00	.000	.040	.000	.000	4447.30	1017.07
.004017	100.	100.	100.	0	11	0	.00	112.67	1129.75

*SECNO 4650.000

4650.000	1.44	4449.14	4448.53	.00	4449.27	.13	.40	.00	4452.68
440.0	.0	440.0	.0	.0	152.4	.0	26.0	15.5	4453.70
.70	.00	2.89	.00	.000	.040	.000	.000	4447.70	1017.09
.004050	100.	100.	100.	0	11	0	.00	112.64	1129.73

*SECNO 4550.000

4550.000	1.44	4449.54	4448.93	.00	4449.67	.13	.40	.00	4453.08
440.0	.0	440.0	.0	.0	153.2	.0	26.4	15.8	4454.10
.71	.00	2.87	.00	.000	.040	.000	.000	4448.10	1017.06
.003981	100.	100.	100.	0	11	0	.00	112.71	1129.76

12JAN96 10:41:14

PAGE 46

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SECNO 4500.000

4500.000	1.44	4449.74	4449.13	.00	4449.87	.13	.20	.00	4453.28
440.0	.0	440.0	.0	.0	153.3	.0	26.5	15.9	4454.30
.72	.00	2.87	.00	.000	.040	.000	.000	4448.30	1017.05
.003976	50.	50.	50.	0	11	0	.00	112.71	1129.77

SECNO 4450.000

4450.000	1.44	4449.94	4449.33	.00	4450.07	.13	.20	.00	4453.48
440.0	.0	440.0	.0	.0	152.9	.0	26.7	16.1	4454.50
.72	.00	2.88	.00	.000	.040	.000	.000	4448.50	1017.07
.004008	50.	50.	50.	0	11	0	.00	112.68	1129.75

SECNO 4425.000

4425.000	1.44	4450.04	4449.43	.00	4450.17	.13	.10	.00	4453.58
440.0	.0	440.0	.0	.0	152.9	.0	26.8	16.1	4454.60
.72	.00	2.88	.00	.000	.040	.000	.000	4448.60	1017.07
.004008	25.	25.	25.	0	11	0	.00	112.68	1129.75

SECNO 4400.000

185 MINIMUM SPECIFIC ENERGY
 720 CRITICAL DBPTH ASSUMED

4400.000	.83	4450.49	4450.49	.00	4450.90	.41	.21	.08	4454.64
440.0	.0	440.0	.0	.0	86.0	.0	26.9	16.2	4455.66
.72	.00	5.11	.00	.000	.040	.000	.000	4449.66	1020.00
.025496	25.	25.	25.	0	11	0	.00	107.32	1127.32

SECNO 4350.000

302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.35

4350.000	1.38	4451.24	4450.69	.00	4451.38	.14	.45	.03	4454.84
440.0	.0	440.0	.0	.0	146.2	.0	27.0	16.3	4455.86
.73	.00	3.01	.00	.000	.040	.000	.000	4449.86	1017.36
.004624	50.	50.	50.	3	5	0	.00	112.16	1129.51

SECNO 4300.000

4300.000	1.41	4451.47	4450.89	.00	4451.60	.13	.22	.00	4455.04
440.0	.0	440.0	.0	.0	149.3	.0	27.2	16.4	4456.06
.73	.00	2.95	.00	.000	.040	.000	.000	4450.06	1017.23
.004327	50.	50.	50.	2	11	0	.00	112.40	1129.62

12JAN96 10:41:14

PAGE 47

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SECNO 4200.000

4200.000	1.43	4451.89	4451.29	.00	4452.02	.13	.42	.00	4455.44
440.0	.0	440.0	.0	.0	152.1	.0	27.5	16.7	4456.46

.74	.00	2.89	.00	.000	.040	.000	.000	4450.46	1017.10
.004073	100.	100.	100.	2	14	0	.00	112.62	1129.72

*SECNO 4000.000

4000.000	1.44	4452.70	4452.09	.00	4452.82	.13	.80	.00	4456.24
440.0	.0	440.0	.0	.0	153.6	.0	28.2	17.2	4457.26
.76	.00	2.86	.00	.000	.040	.000	.000	4451.26	1017.04
.003949	200.	200.	200.	1	11	0	.00	112.74	1129.78

*SECNO 3950.000

3950.000	1.44	4452.90	4452.29	.00	4453.02	.13	.20	.00	4456.44
440.0	.0	440.0	.0	.0	152.9	.0	28.4	17.3	4457.46
.77	.00	2.88	.00	.000	.040	.000	.000	4451.46	1017.07
.004013	50.	50.	50.	0	11	0	.00	112.68	1129.75

*SECNO 3925.000

3925.000	1.43	4452.99	4452.39	.00	4453.12	.13	.10	.00	4456.54
440.0	.0	440.0	.0	.0	152.5	.0	28.5	17.4	4457.56
.77	.00	2.88	.00	.000	.040	.000	.000	4451.56	1017.09
.004040	25.	25.	25.	0	11	0	.00	112.65	1129.74

*SECNO 3900.000

7185 MINIMUM SPECIFIC ENERGY
3723 CRITICAL DEPTH ASSUMED

3900.000	.83	4453.45	4453.45	.00	4453.86	.40	.21	.08	4457.60
440.0	.0	440.0	.0	.0	86.4	.0	28.5	17.5	4458.62
.77	.00	5.09	.00	.000	.040	.000	.000	4452.62	1019.99
.025196	25.	25.	25.	0	11	0	.00	107.35	1127.33

*SECNO 3700.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 3.02

3700.000	1.61	4455.03	4454.25	.00	4455.13	.10	1.25	.03	4458.40
440.0	.0	440.0	.0	.0	172.0	.0	29.1	18.0	4459.42
.79	.00	2.56	.00	.000	.040	.000	.000	4453.42	1016.26
.002759	200.	200.	200.	5	5	0	.00	114.16	1130.42

12JAN96 10:41:14

PAGE 48

SECNO	DEPTH	CWSBL	CRWS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	BLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3500.000

3500.000	1.45	4455.67	4455.06	.00	4455.79	.13	.65	.01	4459.20
440.0	.0	440.0	.0	.0	153.9	.0	29.9	18.5	4460.22
.81	.00	2.86	.00	.000	.040	.000	.000	4454.22	1017.03
.003926	200.	200.	200.	4	11	0	.00	112.76	1129.79

*SECNO 3450.000

3450.000	1.44	4455.86	4455.25	.00	4455.99	.13	.20	.00	4459.40
440.0	.0	440.0	.0	.0	153.3	.0	30.1	18.6	4460.42
.82	.00	2.87	.00	.000	.040	.000	.000	4454.42	1017.05
.003976	50.	50.	50.	2	11	0	.00	112.71	1129.77

*SECNO 3425.000

3425.000	1.44	4455.96	4455.35	.00	4456.09	.13	.10	.00	4459.50
440.0	.0	440.0	.0	.0	153.2	.0	30.1	18.7	4460.52
.82	.00	2.87	.00	.000	.040	.000	.000	4454.52	1017.06
.003981	25.	25.	25.	0	11	0	.00	112.71	1129.76

*SECNO 3400.000

7185 MINIMUM SPECIFIC ENBRGY
3720 CRITICAL DEPTH ASSUMED

3400.000	.83	4456.41	4456.41	.00	4456.82	.40	.20	.08	4460.56
440.0	.0	440.0	.0	.0	86.4	.0	30.2	18.8	4461.58
.82	.00	5.09	.00	.000	.040	.000	.000	4455.58	1019.98
.025147	25.	25.	25.	0	11	0	.00	107.35	1127.33

*SECNO 3300.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.66

3300.000	1.48	4457.48	4456.82	.00	4457.59	.12	.75	.03	4460.97
440.0	.0	440.0	.0	.0	158.8	.0	30.5	19.0	4461.99
.83	.00	2.77	.00	.000	.040	.000	.000	4455.99	1016.82
.003553	100.	100.	100.	4	5	0	.00	113.14	1129.96

*SECNO 3200.000

3200.000	1.44	4457.84	4457.24	.00	4457.97	.13	.37	.00	4461.39
440.0	.0	440.0	.0	.0	153.5	.0	30.9	19.3	4462.41
.84	.00	2.87	.00	.000	.040	.000	.000	4456.41	1017.05
.003962	100.	100.	100.	3	11	0	.00	112.73	1129.77

12JAN96 10:41:14

SECNO	DEPTH	CWSBL	CRISW	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	BNDST

*SECNO 3100.000

3100.000	1.43	4458.25	4457.65	.00	4458.38	.13	.40	.00	4461.80
440.0	.0	440.0	.0	.0	151.8	.0	31.2	19.5	4462.82
.85	.00	2.90	.00	.000	.040	.000	.000	4456.82	1017.12
.004106	100.	100.	100.	2	11	0	.00	112.59	1129.71

*SECNO 3000.000

3000.000	1.43	4458.66	4458.06	.00	4458.79	.13	.41	.00	4462.21
440.0	.0	440.0	.0	.0	151.3	.0	31.6	19.8	4463.23
.86	.00	2.91	.00	.000	.040	.000	.000	4457.23	1017.14
.004144	100.	100.	100.	1	11	0	.00	112.56	1129.70

*SECNO 2920.000

2920.000	1.43	4458.99	4458.39	.00	4459.12	.13	.33	.00	4462.54
440.0	.0	440.0	.0	.0	151.7	.0	31.8	20.0	4463.56
.87	.00	2.90	.00	.000	.040	.000	.000	4457.56	1017.12
.004111	80.	80.	80.	0	11	0	.00	112.59	1129.71

CCHV= .300 CBHV= .600
 *SECNO 2820.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, BLLEA= 4463.80 ELREA= 4463.75

2820.000	1.45	4459.45	4458.94	.00	4459.65	.20	.49	.04	4463.80
440.0	.0	440.0	.0	.0	122.8	.0	32.1	20.2	4463.75
.88	.00	3.58	.00	.000	.040	.000	.000	4458.00	1000.00
.005928	100.	100.	100.	2	14	0	.00	84.67	1084.67

SPECIAL CULVERT

SC	CUNO	CUNV	BNTLC	COFQ	RDLEN	RISE	SPAN	CULVLN	CHRT	SCL	BLCHU	BLCHD
	8	.013	.20	2.80	.00	5.00	10.00	82.82	10	1	4458.50	4458.00

CHART 10 - BOX CULVERT; 90-DEGREE HEADWALL; CHAMFERED OR BEVELED INLET EDGES
 SCALE 1 - INLET EDGES CHAMFERED 3/4-INCH

*SECNO 2736.000

12JAN96 10:41:14

SECNO	DEPTH	CWSEL	CRISW	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XLN	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL CULVERT INLET CONTROL

EGIC = 4460.104 EGOC = 4460.097 PCWSE= 4459.451 ELTRD= 4464.500

SPECIAL CULVERT

EGIC	EGOC	H4	QWBIR	QCULV	VCH	ACULV	ELTRD	WBIRLN
4460.10	4460.10	.45	0.	440.	3.721	400.0	4464.50	0.

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, BLLEA= 4464.50 ELREA= 4464.50

2736.000	1.39	4459.89	.00	.00	4460.10	.22	.45	.00	4464.50
440.0	.0	440.0	.0	.0	118.2	.0	32.4	20.4	4464.50
.88	.00	3.72	.00	.000	.040	.000	.000	4458.50	1000.00
.006712	83.	83.	83.	2	0	0	.00	84.67	1084.67

*SECNO 2652.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.60

2652.000	1.63	4460.38	4459.58	.00	4460.47	.10	.33	.04	4465.00
440.0	.0	440.0	.0	.0	175.5	.0	32.7	20.6	4463.00
.89	.00	2.51	.00	.000	.040	.000	.000	4458.75	1018.50
.002634	84.	84.	84.	2	11	0	.00	116.05	1134.56

CCHV= .100 CBHV= .300

*SECNO 2477.000

2477.000	1.53	4460.81	4460.00	.00	4460.89	.07	.41	.00	4466.00
440.0	.0	440.0	.0	.0	201.2	.0	33.4	21.1	4464.00
.91	.00	2.19	.00	.000	.040	.000	.000	4459.28	1019.33
.002120	175.	175.	150.	2	15	0	.00	138.75	1158.08

*SECNO 2277.000

2277.000	1.41	4461.29	4460.60	.00	4461.37	.09	.48	.00	4467.20
440.0	.0	440.0	.0	.0	185.5	.0	34.3	21.7	4464.00
.94	.00	2.37	.00	.000	.040	.000	.000	4459.88	1020.19
.002766	200.	200.	200.	0	14	0	.00	138.36	1158.55

12JAN96 10:41:14

PAGE 51

SRCNO	DEPTH	CWSEL	CRISW	WSBLK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	BLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2077.000

2077.000	1.29	4461.77	4461.10	.00	4461.82	.05	.44	.00	4468.10
440.0	.0	440.0	.0	.0	254.1	.0	35.3	22.5	4466.00
.97	.00	1.73	.00	.000	.040	.000	.000	4460.48	1020.75
.001789	200.	200.	200.	0	14	0	.00	219.31	1240.06

CCHV= .300 CBHV= .600

*SECNO 1877.000

1877.000	1.14	4462.22	4461.81	.00	4462.26	.04	.44	.00	4468.50
440.0	.0	440.0	.0	.0	264.1	.0	36.5	23.8	4469.00
1.00	.00	1.67	.00	.000	.040	.000	.000	4461.08	1021.16
.002824	200.	200.	200.	1	11	0	.00	340.30	1361.46

*SECNO 1677.000

1677.000	1.19	4462.87	4462.38	.00	4462.97	.10	.67	.03	4469.00
440.0	.0	440.0	.0	.0	173.8	.0	37.5	25.0	4469.00
1.02	.00	2.53	.00	.000	.040	.000	.000	4461.68	1020.94
.004089	200.	200.	200.	2	14	0	.00	157.78	1178.71

CCHV= .100 CBHV= .300

*SECNO 1477.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .48

1477.000	1.40	4463.68	4463.11	.00	4463.81	.13	.84	.01	4469.00
220.0	.0	220.0	.0	.0	75.2	.0	38.1	25.5	4469.00
1.04	.00	2.92	.00	.000	.040	.000	.000	4462.28	1013.85
.004361	200.	200.	200.	2	16	0	.00	57.30	1071.15

*SECNO 1277.000

1277.000	1.56	4464.44	4463.71	.00	4464.54	.10	.72	.00	4469.00
220.0	.0	220.0	.0	.0	84.7	.0	38.4	25.7	4469.00
1.06	.00	2.60	.00	.000	.040	.000	.000	4462.88	1013.05
.003050	200.	200.	200.	2	11	0	.00	58.89	1071.95

*SECNO 1077.000

1077.000	1.56	4465.04	4464.31	.00	4465.15	.10	.61	.00	4469.00
220.0	.0	220.0	.0	.0	85.2	.0	38.8	26.0	4470.00
1.09	.00	2.58	.00	.000	.040	.000	.000	4463.48	1012.55
.003003	200.	200.	200.	2	11	0	.00	59.14	1071.69

SECNO	DEPTH	CWSEL	CRWS	WSELK	BG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SECNO 1002.000

1002.000	1.57	4465.27	4464.53	.00	4465.37	.10	.22	.00	4469.00
220.0	.0	220.0	.0	.0	86.0	.0	39.0	26.1	4470.00
1.09	.00	2.56	.00	.000	.040	.000	.000	4463.70	1012.32
.002939	75.	75.	75.	0	11	0	.00	59.54	1071.86

THIS RUN EXECUTED 12JAN96 10:41:22

HEC-2 WATER SURFACE PROFILES

Version 4.6.0; February 1991

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

FILE WHCENCHK.DAT

SUMMARY PRINTOUT

SECNO	Q	VCH	CWSEL	ELMIN	DEPTH
10421.000	3000.00	6.72	4434.04	4430.46	3.58
10421.000	440.00	.99	4434.02	4430.46	3.56
10271.000	3000.00	7.07	4434.96	4430.74	4.22
10271.000	440.00	1.32	4434.04	4430.74	3.30
10060.000	3000.00	6.92	4435.47	4431.17	4.30
10060.000	440.00	1.51	4434.06	4431.17	2.89
9900.000	3000.00	4.70	4436.45	4431.50	4.95
9900.000	440.00	1.38	4434.13	4431.50	2.63
9826.000	3000.00	4.69	4436.62	4431.64	4.98
9826.000	440.00	1.46	4434.16	4431.64	2.52
9775.000	3000.00	4.71	4436.73	4431.74	4.99
9775.000	440.00	1.51	4434.19	4431.74	2.45
9700.000	3000.00	4.75	4436.89	4431.90	4.99
9700.000	440.00	1.58	4434.23	4431.90	2.33
9650.000	3000.00	4.47	4437.04	4432.00	5.04
9650.000	440.00	1.54	4434.26	4432.00	2.26
9638.000	3000.00	4.61	4437.05	4432.02	5.03

9638.000	440.00	1.62	4434.27	4432.02	2.25
9615.000	3000.00	4.71	4437.09	4432.07	5.02
9615.000	440.00	1.73	4434.28	4432.07	2.21
9592.000	3000.00	4.71	4437.14	4432.10	5.04
9592.000	440.00	1.75	4434.30	4432.10	2.20

12JAN96 10:41:14

PAGE 54

SECNO	Q	VCH	CWSEL	BLMIN	DBPTH
9565.000	3000.00	4.61	4437.22	4432.17	5.05
9565.000	440.00	1.70	4434.33	4432.17	2.16
9483.000	3000.00	4.43	4437.41	4432.34	5.07
9483.000	440.00	1.69	4434.39	4432.34	2.05
9400.000	3000.00	4.72	4437.54	4432.51	5.03
9400.000	440.00	1.90	4434.47	4432.51	1.96
9350.000	3000.00	4.55	4437.67	4432.61	5.06
9350.000	440.00	1.92	4434.53	4432.61	1.92
9266.000	3000.00	4.54	4437.85	4432.78	5.07
9266.000	440.00	1.99	4434.63	4432.78	1.85
9200.000	3000.00	4.70	4437.97	4432.92	5.05
9200.000	440.00	2.07	4434.72	4432.92	1.80
9150.000	3000.00	4.43	4438.11	4433.02	5.09
9150.000	440.00	1.98	4434.80	4433.02	1.78
9128.000	3000.00	4.56	4438.14	4433.06	5.08
9128.000	440.00	2.08	4434.83	4433.06	1.77
9068.000	3000.00	4.76	4438.25	4433.18	5.07
9068.000	440.00	2.27	4434.93	4433.18	1.75
9037.000	3000.00	4.75	4438.32	4433.25	5.07
9037.000	440.00	2.27	4434.99	4433.25	1.74
9012.000	3000.00	4.54	4438.40	4433.30	5.10
9012.000	440.00	2.12	4435.05	4433.30	1.75
8988.000	3000.00	4.41	4438.47	4433.35	5.12
8988.000	440.00	2.02	4435.09	4433.35	1.74
8900.000	3000.00	4.62	4438.62	4433.53	5.09
8900.000	440.00	2.19	4435.23	4433.53	1.70
8770.000	3000.00	4.54	4438.89	4433.79	5.10
8770.000	440.00	2.21	4435.47	4433.79	1.68
8700.000	3000.00	4.56	4439.03	4433.93	5.10
8700.000	440.00	2.22	4435.60	4433.93	1.67
8600.000	3000.00	4.67	4439.23	4434.14	5.09
8600.000	440.00	2.26	4435.79	4434.14	1.65
8500.000	3000.00	4.40	4439.46	4434.34	5.12
8500.000	440.00	2.13	4435.99	4434.34	1.65

SBCNO	Q	VCH	CWSEL	ELMIN	DEPTH
8425.000	3000.00	4.51	4439.59	4434.49	5.10
8425.000	440.00	2.27	4436.13	4434.49	1.64
8360.000	3000.00	4.61	4439.72	4434.63	5.09
8360.000	440.00	2.31	4436.26	4434.63	1.63
8290.000	3000.00	4.40	4439.89	4434.77	5.12
8290.000	440.00	2.15	4436.41	4434.77	1.64
8225.000	3000.00	4.55	4440.00	4434.90	5.10
8225.000	440.00	2.26	4436.53	4434.90	1.63
8110.000	3000.00	4.56	4440.23	4435.14	5.09
8110.000	440.00	2.32	4436.78	4435.14	1.64
8088.000	3000.00	4.40	4440.29	4435.18	5.11
8088.000	440.00	2.20	4436.83	4435.18	1.65
8050.000	3000.00	4.64	4440.34	4435.26	5.08
8050.000	440.00	2.26	4436.91	4435.26	1.65
7965.000	3000.00	4.48	4440.54	4435.43	5.11
7965.000	440.00	2.24	4437.08	4435.43	1.65
7900.000	3000.00	4.70	4440.65	4435.56	5.09
7900.000	440.00	2.25	4437.21	4435.56	1.65
7836.000	3000.00	4.53	4440.81	4435.69	5.12
7836.000	440.00	2.26	4437.34	4435.69	1.65
7800.000	3000.00	4.59	4440.87	4435.77	5.10
7800.000	440.00	2.20	4437.42	4435.77	1.65
7760.000	3000.00	4.36	4440.98	4435.85	5.13
7760.000	440.00	2.15	4437.49	4435.85	1.64
7718.000	3000.00	4.73	4441.03	4435.93	5.10
7718.000	440.00	2.42	4437.57	4435.93	1.64
7700.000	3000.00	4.75	4441.07	4435.97	5.10
7700.000	440.00	2.41	4437.62	4435.97	1.65
7662.000	3000.00	4.52	4441.18	4436.05	5.13
7662.000	440.00	2.23	4437.71	4436.05	1.66
7540.000	3000.00	4.38	4441.43	4436.30	5.13
7540.000	440.00	2.13	4437.95	4436.30	1.65
7340.000	3000.00	4.76	4441.80	4436.94	4.86
7340.000	440.00	2.59	4438.39	4436.94	1.45

SBCNO	Q	VCH	CWSEL	ELMIN	DEPTH
7200.000	3000.00	5.18	4442.13	4437.50	4.63
7200.000	440.00	2.81	4438.87	4437.50	1.37
7125.000	3000.00	5.53	4442.33	4437.80	4.53

7125.000	440.00	2.91	4439.17	4437.80	1.37
7040.000	3000.00	5.57	4442.63	4438.14	4.49
7040.000	440.00	2.97	4439.53	4438.14	1.39
6975.000	3000.00	5.79	4442.86	4438.40	4.46
6975.000	440.00	2.96	4439.82	4438.40	1.42
6900.000	3000.00	5.68	4443.18	4438.70	4.48
6900.000	440.00	2.89	4440.13	4438.70	1.43
6840.000	3000.00	5.70	4443.42	4438.94	4.48
6840.000	440.00	2.90	4440.37	4438.94	1.43
6770.000	3000.00	5.48	4443.71	4439.22	4.49
6770.000	440.00	2.75	4440.65	4439.22	1.43
6725.000	3000.00	5.66	4443.86	4439.40	4.46
6725.000	440.00	2.98	4440.82	4439.40	1.42
6700.000	3000.00	5.67	4443.95	4439.50	4.45
6700.000	440.00	2.96	4440.94	4439.50	1.44
6612.000	3000.00	5.83	4444.29	4439.85	4.44
6612.000	440.00	2.85	4441.32	4439.85	1.47
6558.000	3000.00	5.61	4444.54	4440.07	4.47
6558.000	440.00	2.70	4441.53	4440.07	1.46
6476.000	3000.00	5.88	4444.83	4440.40	4.43
6476.000	440.00	2.98	4441.82	4440.40	1.42
6455.000	3000.00	5.70	4444.95	4440.48	4.47
6455.000	440.00	2.92	4441.91	4440.48	1.43
6436.000	3000.00	5.70	4445.02	4440.56	4.46
6436.000	440.00	2.91	4441.99	4440.56	1.43
6395.000	3000.00	5.83	4445.17	4440.72	4.45
6395.000	440.00	2.93	4442.16	4440.72	1.44
6300.000	3000.00	5.62	4445.59	4441.10	4.49
6300.000	440.00	2.86	4442.55	4441.10	1.45
6226.000	3000.00	5.50	4445.88	4441.40	4.48
6226.000	440.00	2.72	4442.85	4441.40	1.45

12JAN96 10:41:14

PAGE 57

SBCNO	Q	VCH	CWSEL	BLMIN	DEPTH
6169.000	3000.00	5.72	4446.06	4441.62	4.44
6169.000	440.00	2.90	4443.05	4441.62	1.43
6131.000	3000.00	5.90	4446.20	4441.78	4.42
6131.000	440.00	3.18	4443.21	4441.78	1.43
6100.000	3000.00	5.89	4446.33	4441.90	4.43
6100.000	440.00	3.02	4443.38	4441.90	1.48
6000.000	3000.00	5.48	4446.80	4442.30	4.50
6000.000	440.00	2.62	4443.80	4442.30	1.50
5945.000	3000.00	5.74	4446.97	4442.52	4.45

5945.000	440.00	2.88	4443.97	4442.52	1.45
5800.000	3000.00	5.68	4447.57	4443.10	4.47
5800.000	440.00	2.90	4444.55	4443.10	1.45
5700.000	3000.00	5.72	4447.96	4443.50	4.46
5700.000	440.00	2.91	4444.95	4443.50	1.45
5549.000	3000.00	8.02	4448.52	4444.10	4.42
5549.000	440.00	3.45	4445.61	4444.10	1.51
5469.000	3000.00	6.94	4449.52	4444.42	5.10
5469.000	440.00	3.65	4445.84	4444.42	1.42
5370.000	3000.00	4.34	4450.38	4444.82	5.56
5370.000	440.00	2.63	4446.38	4444.82	1.56
5050.000	3000.00	5.03	4451.00	4446.10	4.90
5050.000	440.00	2.95	4447.51	4446.10	1.41
4950.000	3000.00	5.19	4451.27	4446.50	4.78
4950.000	440.00	2.89	4447.93	4446.50	1.43
4850.000	3000.00	5.33	4451.57	4446.90	4.68
4850.000	440.00	2.87	4448.34	4446.90	1.44
4750.000	3000.00	5.43	4451.90	4447.30	4.60
4750.000	440.00	2.88	4448.73	4447.30	1.43
4650.000	3000.00	5.50	4452.25	4447.70	4.55
4650.000	440.00	2.89	4449.14	4447.70	1.44
4550.000	3000.00	5.56	4452.61	4448.10	4.51
4550.000	440.00	2.87	4449.54	4448.10	1.44
4500.000	3000.00	5.57	4452.79	4448.30	4.49
4500.000	440.00	2.87	4449.74	4448.30	1.44

12JAN96 10:41:14

PAGE 58

SECNO	Q	VCH	CWSBL	BLMIN	DEPTH
4450.000	3000.00	5.59	4452.98	4448.50	4.48
4450.000	440.00	2.88	4449.94	4448.50	1.44
4425.000	3000.00	5.60	4453.07	4448.60	4.47
4425.000	440.00	2.88	4450.04	4448.60	1.44
4400.000	3000.00	8.32	4452.82	4449.66	3.16
4400.000	440.00	5.11	4450.49	4449.66	.83
4350.000	3000.00	6.73	4453.68	4449.86	3.82
4350.000	440.00	3.01	4451.24	4449.86	1.38
4300.000	3000.00	6.37	4454.06	4450.06	4.00
4300.000	440.00	2.95	4451.47	4450.06	1.41
4200.000	3000.00	6.04	4454.65	4450.46	4.19
4200.000	440.00	2.89	4451.89	4450.46	1.43
4000.000	3000.00	5.80	4455.60	4451.26	4.34
4000.000	440.00	2.86	4452.70	4451.26	1.44
3950.000	3000.00	5.76	4455.82	4451.46	4.36

3950.000	440.00	2.88	4452.90	4451.46	1.44
3925.000	3000.00	5.77	4455.92	4451.56	4.36
3925.000	440.00	2.88	4452.99	4451.56	1.43
* 3900.000	3000.00	8.85	4455.61	4452.62	2.99
* 3900.000	440.00	5.09	4453.45	4452.62	.83
3700.000	3000.00	5.73	4457.81	4453.42	4.39
* 3700.000	440.00	2.56	4455.03	4453.42	1.61
3500.000	3000.00	5.70	4458.63	4454.22	4.41
3500.000	440.00	2.86	4455.67	4454.22	1.45
3450.000	3000.00	5.70	4458.83	4454.42	4.41
3450.000	440.00	2.87	4455.86	4454.42	1.44
3425.000	3000.00	5.70	4458.93	4454.52	4.41
3425.000	440.00	2.87	4455.96	4454.52	1.44
* 3400.000	3000.00	8.62	4458.65	4455.58	3.06
* 3400.000	440.00	5.09	4456.41	4455.58	.83
* 3300.000	3000.00	6.24	4460.06	4455.99	4.07
* 3300.000	440.00	2.77	4457.48	4455.99	1.48
3200.000	3000.00	6.01	4460.61	4456.41	4.20
3200.000	440.00	2.87	4457.84	4456.41	1.44

12JAN96 10:41:14

PAGE 59

SECNO	Q	VCH	CWSEL	BLMIN	DEPTH
3100.000	3000.00	5.89	4461.09	4456.82	4.27
3100.000	440.00	2.90	4458.25	4456.82	1.43
3000.000	3000.00	5.84	4461.54	4457.23	4.31
3000.000	440.00	2.91	4458.66	4457.23	1.43
2920.000	3000.00	5.82	4461.89	4457.56	4.33
2920.000	440.00	2.90	4458.99	4457.56	1.43
2820.000	3000.00	8.34	4462.25	4458.00	4.25
2820.000	440.00	3.58	4459.45	4458.00	1.45
2736.000	3000.00	7.10	4463.49	4458.50	4.99
2736.000	440.00	3.72	4459.89	4458.50	1.39
* 2652.000	3000.00	4.01	4464.40	4458.75	5.65
* 2652.000	440.00	2.51	4460.38	4458.75	1.63
2477.000	3000.00	3.64	4464.67	4459.28	5.39
2477.000	440.00	2.19	4460.81	4459.28	1.53
2277.000	3000.00	3.80	4464.93	4459.88	5.05
2277.000	440.00	2.37	4461.29	4459.88	1.41
2077.000	3000.00	2.83	4465.24	4460.48	4.76
2077.000	440.00	1.73	4461.77	4460.48	1.29
1877.000	3000.00	2.15	4465.44	4461.08	4.36
1877.000	440.00	1.67	4462.22	4461.08	1.14
* 1677.000	3000.00	4.83	4465.55	4461.68	3.87

1677.000	440.00	2.53	4462.87	4461.68	1.19
1477.000	1500.00	6.50	4466.12	4462.28	3.84
1477.000	220.00	2.92	4463.68	4462.28	1.40
1277.000	1500.00	5.39	4467.32	4462.88	4.44
1277.000	220.00	2.60	4464.44	4462.88	1.56
1077.000	1500.00	5.15	4468.07	4463.48	4.59
1077.000	220.00	2.58	4465.04	4463.48	1.56
1002.000	1500.00	5.04	4468.33	4463.70	4.63
1002.000	220.00	2.56	4465.27	4463.70	1.57

12JAN96 10:41:14

PAGE 60

FILE WHCENCHK.DAT

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	BLTRD	BLLC	BLMIN	Q	CWSBL	CRWS	EG	10*XS	VCH	AREA	.01K
10421.000	.00	.00	.00	4430.46	3000.00	4434.04	4433.16	4434.74	67.45	6.72	446.33	365.28
10421.000	.00	.00	.00	4430.46	440.00	4434.02	4431.23	4434.04	1.48	.99	443.62	361.81
10271.000	151.36	.00	.00	4430.74	3000.00	4434.96	4433.76	4435.73	59.12	7.07	424.50	390.18
10271.000	151.36	.00	.00	4430.74	440.00	4434.04	4431.58	4434.07	2.81	1.32	332.39	262.49
10060.000	211.00	4438.47	4437.47	4431.17	3000.00	4435.47	.00	4436.22	55.25	6.92	433.50	403.62
10060.000	211.00	4438.47	4437.47	4431.17	440.00	4434.06	.00	4434.09	4.35	1.51	290.56	210.87
9900.000	160.20	.00	.00	4431.50	3000.00	4436.45	4434.20	4436.79	22.26	4.70	638.88	635.83
9900.000	160.20	.00	.00	4431.50	440.00	4434.13	4432.27	4434.16	4.16	1.38	319.96	215.80
9826.000	74.00	.00	.00	4431.64	3000.00	4436.62	4434.40	4436.96	22.25	4.69	640.27	635.96
9826.000	74.00	.00	.00	4431.64	440.00	4434.16	4432.41	4434.20	4.83	1.46	301.91	200.31
9775.000	51.00	.00	.00	4431.74	3000.00	4436.73	4434.46	4437.07	22.66	4.71	636.93	630.26
9775.000	51.00	.00	.00	4431.74	440.00	4434.19	4432.51	4434.22	5.36	1.51	292.13	190.00
9700.000	75.00	.00	.00	4431.90	3000.00	4436.89	4434.62	4437.24	22.12	4.75	631.19	637.90
9700.000	75.00	.00	.00	4431.90	440.00	4434.23	4432.67	4434.27	6.32	1.58	278.35	175.02
9650.000	50.00	.00	.00	4432.00	3000.00	4437.04	4434.61	4437.35	19.15	4.47	670.51	685.50
9650.000	50.00	.00	.00	4432.00	440.00	4434.26	4432.74	4434.30	6.20	1.54	285.71	176.73
9638.000	12.00	.00	.00	4432.02	3000.00	4437.05	4434.72	4437.38	21.02	4.61	650.06	654.32
9638.000	12.00	.00	.00	4432.02	440.00	4434.27	4432.78	4434.31	7.00	1.62	271.40	166.25
9615.000	23.00	.00	.00	4432.07	3000.00	4437.09	4434.87	4437.43	22.56	4.71	636.65	631.60
9615.000	23.00	.00	.00	4432.07	440.00	4434.28	4432.94	4434.33	8.66	1.73	254.59	149.53
9592.000	23.00	.00	.00	4432.10	3000.00	4437.14	4434.91	4437.49	22.52	4.71	636.68	632.15
9592.000	23.00	.00	.00	4432.10	440.00	4434.30	4432.98	4434.35	8.98	1.75	251.60	146.82
9565.000	27.00	.00	.00	4432.17	3000.00	4437.22	4434.87	4437.55	20.99	4.61	650.63	654.84
9565.000	27.00	.00	.00	4432.17	440.00	4434.33	4432.94	4434.37	8.10	1.70	259.42	154.63
9483.000	82.00	.00	.00	4432.34	3000.00	4437.41	4434.95	4437.71	18.56	4.43	677.82	696.28
9483.000	82.00	.00	.00	4432.34	440.00	4434.39	4433.07	4434.44	8.64	1.69	259.88	149.68
9400.000	83.00	.00	.00	4432.51	3000.00	4437.54	4435.23	4437.89	21.60	4.72	635.56	645.42
9400.000	83.00	.00	.00	4432.51	440.00	4434.47	4433.28	4434.52	11.34	1.90	232.03	130.66

9350.000	50.00	.00	.00	4432.61	3000.00	4437.67	4435.31	4438.00	20.44	4.55	659.50	663.50
9350.000	50.00	.00	.00	4432.61	440.00	4434.53	4433.37	4434.58	12.14	1.92	229.14	126.29
9266.000	84.00	.00	.00	4432.78	3000.00	4437.85	4435.48	4438.17	20.33	4.54	661.01	665.33
9266.000	84.00	.00	.00	4432.78	440.00	4434.63	4433.54	4434.69	13.60	1.99	221.20	119.31

12JAN96 10:41:14

PAGE 61

SBCNO	XLCH	BLTRD	BLLC	BLMIN	Q	CWSBL	CRWS	BG	10*KS	VCH	ARBA	.01K
9200.000	66.00	.00	.00	4432.92	3000.00	4437.97	4435.63	4438.31	21.27	4.70	638.81	650.48
9200.000	66.00	.00	.00	4432.92	440.00	4434.72	4433.69	4434.79	15.07	2.07	212.49	113.35
9150.000	50.00	.00	.00	4433.02	3000.00	4438.11	4435.63	4438.41	18.51	4.43	677.60	697.26
9150.000	50.00	.00	.00	4433.02	440.00	4434.80	4433.76	4434.86	13.95	1.98	222.33	117.81
9128.000	22.00	.00	.00	4433.06	3000.00	4438.14	4435.77	4438.46	20.31	4.56	657.54	665.62
9128.000	22.00	.00	.00	4433.06	440.00	4434.83	4433.83	4434.90	15.62	2.08	211.37	111.33
9068.000	60.00	.00	.00	4433.18	3000.00	4438.25	4435.99	4438.60	22.28	4.76	630.42	635.55
9068.000	60.00	.00	.00	4433.18	440.00	4434.93	4434.04	4435.01	20.38	2.27	193.95	97.46
9037.000	31.00	.00	.00	4433.25	3000.00	4438.32	4436.06	4438.67	22.33	4.75	631.44	634.89
9037.000	31.00	.00	.00	4433.25	440.00	4434.99	4434.10	4435.07	20.45	2.27	193.91	97.29
9012.000	25.00	.00	.00	4433.30	3000.00	4438.40	4436.01	4438.72	20.06	4.54	660.38	669.74
9012.000	25.00	.00	.00	4433.30	440.00	4435.05	4434.06	4435.12	16.58	2.12	207.52	108.06
8988.000	24.00	.00	.00	4433.35	3000.00	4438.47	4435.97	4438.77	18.25	4.41	680.87	702.27
8988.000	24.00	.00	.00	4433.35	440.00	4435.09	4434.09	4435.15	14.85	2.02	218.11	114.19
8900.000	88.00	.00	.00	4433.53	3000.00	4438.62	4436.24	4438.95	20.47	4.62	649.87	663.06
8900.000	88.00	.00	.00	4433.53	440.00	4435.23	4434.29	4435.30	18.06	2.19	201.33	103.55
8770.000	130.00	.00	.00	4433.79	3000.00	4438.89	4436.50	4439.21	20.06	4.54	660.38	669.81
8770.000	130.00	.00	.00	4433.79	440.00	4435.47	4434.55	4435.54	18.84	2.21	199.44	101.36
8700.000	70.00	.00	.00	4433.93	3000.00	4439.03	4436.63	4439.36	20.12	4.56	658.28	668.85
8700.000	70.00	.00	.00	4433.93	440.00	4435.60	4434.70	4435.67	19.30	2.22	197.80	100.17
8600.000	100.00	.00	.00	4434.14	3000.00	4439.23	4436.86	4439.57	20.82	4.67	641.84	657.47
8600.000	100.00	.00	.00	4434.14	440.00	4435.79	4434.91	4435.87	20.07	2.26	194.32	98.20
8500.000	100.00	.00	.00	4434.34	3000.00	4439.46	4436.95	4439.76	18.11	4.40	682.45	704.86
8500.000	100.00	.00	.00	4434.34	440.00	4435.99	4435.08	4436.06	17.76	2.13	206.42	104.41
8425.000	75.00	.00	.00	4434.49	3000.00	4439.59	4437.22	4439.91	19.71	4.51	665.55	675.66
8425.000	75.00	.00	.00	4434.49	440.00	4436.13	4435.25	4436.21	20.31	2.27	193.47	97.64
8360.000	65.00	.00	.00	4434.63	3000.00	4439.72	4437.35	4440.05	21.14	4.61	651.14	652.52
8360.000	65.00	.00	.00	4434.63	440.00	4436.26	4435.40	4436.34	21.29	2.31	190.65	95.36
8290.000	70.00	.00	.00	4434.77	3000.00	4439.89	4437.39	4440.19	18.19	4.40	681.57	703.34
8290.000	70.00	.00	.00	4434.77	440.00	4436.41	4435.51	4436.48	18.28	2.15	204.60	102.91
8225.000	65.00	.00	.00	4434.90	3000.00	4440.00	4437.60	4440.32	20.08	4.55	659.78	669.55
8225.000	65.00	.00	.00	4434.90	440.00	4436.53	4435.66	4436.61	20.30	2.26	194.83	97.65
8110.000	115.00	.00	.00	4435.14	3000.00	4440.23	4437.88	4440.55	20.38	4.56	657.74	664.59
8110.000	115.00	.00	.00	4435.14	440.00	4436.78	4435.98	4436.86	23.09	2.32	189.51	91.56

12JAN96 10:41:14

PAGE 62

SECNO	XLCH	BLTRD	BLLC	BLMIN	Q	CWSEL	CRWS	BG	10*KS	VCH	AREA	.01K
8088.000	22.00	.00	.00	4435.18	3000.00	4440.29	4437.83	4440.59	18.26	4.40	681.83	702.11
8088.000	22.00	.00	.00	4435.18	440.00	4436.83	4435.99	4436.91	20.36	2.20	200.21	97.52
8050.000	38.00	.00	.00	4435.26	3000.00	4440.34	4437.97	4440.68	20.53	4.64	646.99	662.14
8050.000	38.00	.00	.00	4435.26	440.00	4436.91	4436.03	4436.99	20.60	2.26	194.73	96.94
7965.000	85.00	.00	.00	4435.43	3000.00	4440.54	4438.12	4440.85	19.52	4.48	670.09	679.05
7965.000	85.00	.00	.00	4435.43	440.00	4437.08	4436.20	4437.16	20.55	2.24	196.30	97.07
7900.000	65.00	.00	.00	4435.56	3000.00	4440.65	4438.28	4440.99	20.99	4.70	638.85	654.85
7900.000	65.00	.00	.00	4435.56	440.00	4437.21	4436.33	4437.29	19.75	2.25	195.14	99.01
7836.000	64.00	.00	.00	4435.69	3000.00	4440.81	4438.41	4441.13	20.04	4.53	661.62	670.09
7836.000	64.00	.00	.00	4435.69	440.00	4437.34	4436.46	4437.42	19.93	2.26	194.60	98.57
7800.000	36.00	.00	.00	4435.77	3000.00	4440.87	4438.43	4441.20	19.52	4.59	653.95	679.07
7800.000	36.00	.00	.00	4435.77	440.00	4437.42	4436.51	4437.49	18.97	2.20	199.64	101.03
7760.000	40.00	.00	.00	4435.85	3000.00	4440.98	4438.46	4441.28	17.77	4.36	687.31	711.70
7760.000	40.00	.00	.00	4435.85	440.00	4437.49	4436.59	4437.57	18.74	2.15	204.81	101.64
7718.000	42.00	.00	.00	4435.93	3000.00	4441.03	4438.75	4441.38	22.92	4.73	634.78	626.58
7718.000	42.00	.00	.00	4435.93	440.00	4437.57	4436.79	4437.66	24.91	2.42	182.00	88.17
7700.000	18.00	.00	.00	4435.97	3000.00	4441.07	4438.78	4441.42	22.06	4.75	631.00	638.79
7700.000	18.00	.00	.00	4435.97	440.00	4437.62	4436.83	4437.71	24.86	2.41	182.27	88.25
7662.000	38.00	.00	.00	4436.05	3000.00	4441.18	4438.75	4441.50	19.69	4.52	664.25	676.15
7662.000	38.00	.00	.00	4436.05	440.00	4437.71	4436.82	4437.79	19.37	2.23	197.71	99.97
7540.000	122.00	.00	.00	4436.30	3000.00	4441.43	4438.92	4441.73	17.94	4.38	684.73	708.32
7540.000	122.00	.00	.00	4436.30	440.00	4437.95	4437.04	4438.02	17.83	2.13	206.18	104.21
7340.000	200.00	.00	.00	4436.94	3000.00	4441.80	4439.68	4442.15	23.37	4.76	630.05	620.63
7340.000	200.00	.00	.00	4436.94	440.00	4438.39	4437.71	4438.49	31.16	2.59	169.58	78.82
7200.000	140.00	.00	.00	4437.50	3000.00	4442.13	4440.27	4442.54	29.79	5.18	578.77	549.63
7200.000	140.00	.00	.00	4437.50	440.00	4438.87	4438.28	4438.99	40.07	2.81	156.32	69.51
7125.000	75.00	.00	.00	4437.80	3000.00	4442.33	4440.63	4442.80	34.69	5.53	542.46	509.33
7125.000	75.00	.00	.00	4437.80	440.00	4439.17	4438.60	4439.30	42.53	2.91	151.27	67.47
7040.000	85.00	.00	.00	4438.14	3000.00	4442.63	4441.07	4443.11	37.38	5.57	538.49	490.67
7040.000	85.00	.00	.00	4438.14	440.00	4439.53	4438.97	4439.67	43.87	2.97	148.27	66.43
6975.000	65.00	.00	.00	4438.40	3000.00	4442.86	4441.32	4443.38	42.20	5.79	518.56	461.83
6975.000	65.00	.00	.00	4438.40	440.00	4439.82	4439.23	4439.95	42.83	2.96	148.46	67.23
6900.000	75.00	.00	.00	4438.70	3000.00	4443.18	4441.60	4443.68	38.60	5.68	528.35	482.84
6900.000	75.00	.00	.00	4438.70	440.00	4440.13	4439.53	4440.26	40.00	2.89	152.40	69.57

12JAN96 10:41:14

PAGE 63

SECNO	XLCH	BLTRD	BLLC	BLMIN	Q	CWSEL	CRWS	BG	10*KS	VCH	AREA	.01K
6840.000	60.00	.00	.00	4438.94	3000.00	4443.42	4441.85	4443.92	39.91	5.70	526.76	474.86
6840.000	60.00	.00	.00	4438.94	440.00	4440.37	4439.77	4440.50	40.10	2.90	151.56	69.48
6770.000	70.00	.00	.00	4439.22	3000.00	4443.71	4442.02	4444.18	34.55	5.48	547.00	510.36
6770.000	70.00	.00	.00	4439.22	440.00	4440.65	4440.02	4440.77	36.06	2.75	160.12	73.27

6725.000	45.00	.00	.00	4439.40	3000.00	4443.86	4442.30	4444.35	38.28	5.66	530.14	484.89
6725.000	45.00	.00	.00	4439.40	440.00	4440.82	4440.30	4440.96	47.29	2.98	147.61	63.98
6700.000	25.00	.00	.00	4439.50	3000.00	4443.95	4442.40	4444.45	38.58	5.67	528.82	483.02
6700.000	25.00	.00	.00	4439.50	440.00	4440.94	4440.40	4441.08	46.07	2.96	148.81	64.82
6612.000	88.00	.00	.00	4439.85	3000.00	4444.29	4442.77	4444.81	42.11	5.83	514.21	462.31
6612.000	88.00	.00	.00	4439.85	440.00	4441.32	4440.69	4441.45	37.62	2.85	154.54	71.74
6558.000	54.00	.00	.00	4440.07	3000.00	4444.54	4442.88	4445.03	35.78	5.61	534.96	501.54
6558.000	54.00	.00	.00	4440.07	440.00	4441.53	4440.87	4441.64	33.51	2.70	163.11	76.00
6476.000	82.00	.00	.00	4440.40	3000.00	4444.83	4443.33	4445.36	43.20	5.88	509.79	456.44
6476.000	82.00	.00	.00	4440.40	440.00	4441.82	4441.24	4441.96	42.78	2.98	147.81	67.27
6455.000	21.00	.00	.00	4440.48	3000.00	4444.95	4443.39	4445.45	38.94	5.70	526.71	480.74
6455.000	21.00	.00	.00	4440.48	440.00	4441.91	4441.31	4442.04	41.55	2.92	150.58	68.26
6436.000	19.00	.00	.00	4440.56	3000.00	4445.02	4443.47	4445.53	39.03	5.70	526.20	480.20
6436.000	19.00	.00	.00	4440.56	440.00	4441.99	4441.40	4442.12	40.89	2.91	151.33	68.81
6395.000	41.00	.00	.00	4440.72	3000.00	4445.17	4443.65	4445.70	43.09	5.83	514.84	457.03
6395.000	41.00	.00	.00	4440.72	440.00	4442.16	4441.56	4442.29	40.55	2.93	150.22	69.09
6300.000	95.00	.00	.00	4441.10	3000.00	4445.59	4443.97	4446.08	36.51	5.62	533.44	496.51
6300.000	95.00	.00	.00	4441.10	440.00	4442.55	4441.94	4442.68	41.21	2.86	153.69	68.54
6226.000	74.00	.00	.00	4441.40	3000.00	4445.88	4444.20	4446.35	34.83	5.50	545.57	508.34
6226.000	74.00	.00	.00	4441.40	440.00	4442.85	4442.20	4442.96	34.69	2.72	162.05	74.71
6169.000	57.00	.00	.00	4441.62	3000.00	4446.06	4444.52	4446.57	39.44	5.72	524.74	477.73
6169.000	57.00	.00	.00	4441.62	440.00	4443.05	4442.45	4443.18	40.55	2.90	151.76	69.10
6131.000	38.00	.00	.00	4441.78	3000.00	4446.20	4444.78	4446.74	43.55	5.90	508.88	454.60
6131.000	38.00	.00	.00	4441.78	440.00	4443.21	4442.73	4443.37	55.13	3.18	138.35	59.26
6100.000	31.00	.00	.00	4441.90	3000.00	4446.33	4444.90	4446.87	43.36	5.89	509.67	455.58
6100.000	31.00	.00	.00	4441.90	440.00	4443.38	4442.84	4443.52	46.75	3.02	145.64	64.35
6000.000	100.00	.00	.00	4442.30	3000.00	4446.80	4445.10	4447.27	34.49	5.48	547.29	510.81
6000.000	100.00	.00	.00	4442.30	440.00	4443.80	4443.10	4443.90	31.09	2.62	167.64	78.91
5945.000	55.00	.00	.00	4442.52	3000.00	4446.97	4445.44	4447.49	40.96	5.74	522.39	468.76
5945.000	55.00	.00	.00	4442.52	440.00	4443.97	4443.35	4444.10	39.07	2.88	152.78	70.39

12JAN96 10:41:14

PAGE 64

SECNO	XLCH	BLTRD	BLLC	BLMIN	Q	CWSBL	CRWS	EG	10*RS	VCH	AREA	.01K
5800.000	145.00	.00	.00	4443.10	3000.00	4447.57	4446.06	4448.07	39.30	5.68	527.93	478.56
5800.000	145.00	.00	.00	4443.10	440.00	4444.55	4443.94	4444.68	39.93	2.90	151.73	69.63
5700.000	100.00	.00	.00	4443.50	3000.00	4447.96	4446.41	4448.47	40.50	5.72	524.14	471.43
5700.000	100.00	.00	.00	4443.50	440.00	4444.95	4444.34	4445.08	40.29	2.91	151.31	69.32
5549.000	151.00	.00	.00	4444.10	3000.00	4448.52	4447.48	4449.52	73.28	8.02	374.19	350.45
5549.000	151.00	.00	.00	4444.10	440.00	4445.61	4445.04	4445.79	52.12	3.45	127.68	60.95
5469.000	80.00	4450.42	4449.42	4444.42	3000.00	4449.52	.00	4450.27	46.28	6.94	432.01	441.00
5469.000	80.00	4450.42	4449.42	4444.42	440.00	4445.84	.00	4446.05	62.78	3.65	120.65	55.53
5370.000	99.00	.00	.00	4444.82	3000.00	4450.38	4447.72	4450.67	17.44	4.34	691.73	718.33
5370.000	99.00	.00	.00	4444.82	440.00	4446.38	4445.65	4446.49	30.11	2.63	167.29	80.19

5050.000	320.00	.00	.00	4446.10	3000.00	4451.00	4448.99	4451.40	27.62	5.03	596.63	570.83
5050.000	320.00	.00	.00	4446.10	440.00	4447.51	4446.93	4447.65	43.22	2.95	149.35	66.93
4950.000	100.00	.00	.00	4446.50	3000.00	4451.27	4449.40	4451.69	30.35	5.19	578.10	544.54
4950.000	100.00	.00	.00	4446.50	440.00	4447.93	4447.33	4448.06	40.45	2.89	152.48	69.18
4850.000	100.00	.00	.00	4446.90	3000.00	4451.57	4449.79	4452.02	32.93	5.33	562.54	522.76
4850.000	100.00	.00	.00	4446.90	440.00	4448.34	4447.73	4448.46	39.58	2.87	153.52	69.94
4750.000	100.00	.00	.00	4447.30	3000.00	4451.90	4450.19	4452.36	34.68	5.43	552.91	509.41
4750.000	100.00	.00	.00	4447.30	440.00	4448.73	4448.13	4448.86	40.17	2.88	152.81	69.42
4650.000	100.00	.00	.00	4447.70	3000.00	4452.25	4450.58	4452.72	36.22	5.50	544.96	498.47
4650.000	100.00	.00	.00	4447.70	440.00	4449.14	4448.53	4449.27	40.50	2.89	152.42	69.14
4550.000	100.00	.00	.00	4448.10	3000.00	4452.61	4450.99	4453.09	37.32	5.56	539.57	491.08
4550.000	100.00	.00	.00	4448.10	440.00	4449.54	4448.93	4449.67	39.81	2.87	153.25	69.74
4500.000	50.00	.00	.00	4448.30	3000.00	4452.79	4451.18	4453.28	37.60	5.57	538.20	489.22
4500.000	50.00	.00	.00	4448.30	440.00	4449.74	4449.13	4449.87	39.76	2.87	153.30	69.78
4450.000	50.00	.00	.00	4448.50	3000.00	4452.98	4451.39	4453.47	37.92	5.59	536.71	487.17
4450.000	50.00	.00	.00	4448.50	440.00	4449.94	4449.33	4450.07	40.08	2.88	152.92	69.50
4425.000	25.00	.00	.00	4448.60	3000.00	4453.07	4451.49	4453.56	38.12	5.60	535.75	485.87
4425.000	25.00	.00	.00	4448.60	440.00	4450.04	4449.43	4450.17	40.08	2.88	152.92	69.50
4400.000	25.00	.00	.00	4449.66	3000.00	4452.82	4452.54	4453.90	127.11	8.32	360.37	266.10
4400.000	25.00	.00	.00	4449.66	440.00	4450.49	4450.49	4450.90	254.96	5.11	86.05	27.56
4350.000	50.00	.00	.00	4449.86	3000.00	4453.68	4452.75	4454.38	66.31	6.73	446.00	368.40
4350.000	50.00	.00	.00	4449.86	440.00	4451.24	4450.69	4451.38	46.24	3.01	146.22	64.71
4300.000	50.00	.00	.00	4450.06	3000.00	4454.06	4452.95	4454.69	56.23	6.37	470.95	400.07
4300.000	50.00	.00	.00	4450.06	440.00	4451.47	4450.89	4451.60	43.27	2.95	149.29	66.89

12JAN96 10:41:14

PAGE 65

SBCNO	XLCH	BLTRD	ELLC	ELMIN	Q	CWSBL	CRWS	BG	10*RS	VCH	AREA	.01K
4200.000	100.00	.00	.00	4450.46	3000.00	4454.65	4453.36	4455.22	47.88	6.04	496.68	433.53
4200.000	100.00	.00	.00	4450.46	440.00	4451.89	4451.29	4452.02	40.73	2.89	152.15	68.94
4000.000	200.00	.00	.00	4451.26	3000.00	4455.60	4454.15	4456.12	42.41	5.80	517.10	460.67
4000.000	200.00	.00	.00	4451.26	440.00	4452.70	4452.09	4452.82	39.49	2.86	153.63	70.02
3950.000	50.00	.00	.00	4451.46	3000.00	4455.82	4454.35	4456.33	41.55	5.76	520.62	465.39
3950.000	50.00	.00	.00	4451.46	440.00	4452.90	4452.29	4453.02	40.13	2.88	152.86	69.46
3925.000	25.00	.00	.00	4451.56	3000.00	4455.92	4454.45	4456.44	41.67	5.77	520.14	464.76
3925.000	25.00	.00	.00	4451.56	440.00	4452.99	4452.39	4453.12	40.40	2.88	152.53	69.22
3900.000	25.00	.00	.00	4452.62	3000.00	4455.61	4455.51	4456.83	153.45	8.85	338.95	242.18
3900.000	25.00	.00	.00	4452.62	440.00	4453.45	4453.45	4453.86	251.96	5.09	86.36	27.72
3700.000	200.00	.00	.00	4453.42	3000.00	4457.81	4456.32	4458.32	40.81	5.73	523.73	469.58
3700.000	200.00	.00	.00	4453.42	440.00	4455.03	4454.25	4455.13	27.59	2.56	171.97	83.77
3500.000	200.00	.00	.00	4454.22	3000.00	4458.63	4457.11	4459.13	40.25	5.70	526.17	472.88
3500.000	200.00	.00	.00	4454.22	440.00	4455.67	4455.06	4455.79	39.26	2.86	153.91	70.22
3450.000	50.00	.00	.00	4454.42	3000.00	4458.83	4457.31	4459.33	40.17	5.70	526.51	473.33
3450.000	50.00	.00	.00	4454.42	440.00	4455.86	4455.25	4455.99	39.76	2.87	153.30	69.78

3425.000	25.00	.00	.00	4454.52	3000.00	4458.93	4457.41	4459.43	40.17	5.70	526.51	473.33
3425.000	25.00	.00	.00	4454.52	440.00	4455.96	4455.35	4456.09	39.81	2.87	153.25	69.74
* 3400.000	25.00	.00	.00	4455.58	3000.00	4458.65	4458.47	4459.80	141.29	8.62	348.17	252.39
* 3400.000	25.00	.00	.00	4455.58	440.00	4456.41	4456.41	4456.82	251.47	5.09	86.41	27.75
* 3300.000	100.00	.00	.00	4455.99	3000.00	4460.06	4458.89	4460.67	52.86	6.24	480.69	412.64
* 3300.000	100.00	.00	.00	4455.99	440.00	4457.48	4456.82	4457.59	35.53	2.77	158.82	73.82
3200.000	100.00	.00	.00	4456.41	3000.00	4460.61	4459.30	4461.17	47.19	6.01	499.08	436.71
3200.000	100.00	.00	.00	4456.41	440.00	4457.84	4457.24	4457.97	39.62	2.87	153.47	69.90
3100.000	100.00	.00	.00	4456.82	3000.00	4461.09	4459.71	4461.63	44.43	5.89	509.15	450.05
3100.000	100.00	.00	.00	4456.82	440.00	4458.25	4457.65	4458.38	41.06	2.90	151.76	68.67
3000.000	100.00	.00	.00	4457.23	3000.00	4461.54	4460.12	4462.07	43.17	5.84	514.07	456.61
3000.000	100.00	.00	.00	4457.23	440.00	4458.66	4458.06	4458.79	41.44	2.91	151.32	68.35
2920.000	80.00	.00	.00	4457.56	3000.00	4461.89	4460.45	4462.41	42.76	5.82	515.69	458.77
2920.000	80.00	.00	.00	4457.56	440.00	4458.99	4458.39	4459.12	41.11	2.90	151.71	68.63
2820.000	100.00	.00	.00	4458.00	3000.00	4462.25	4461.38	4463.33	83.34	8.34	359.52	328.61
2820.000	100.00	.00	.00	4458.00	440.00	4459.45	4458.94	4459.65	59.28	3.58	122.79	57.15
2736.000	82.82	4464.50	4463.50	4458.50	3000.00	4463.49	.00	4464.27	49.68	7.10	422.56	425.65
2736.000	82.82	4464.50	4463.50	4458.50	440.00	4459.89	.00	4460.10	67.12	3.72	118.24	53.71

12JAN96 10:41:14

PAGE 66

SECNO	XLCH	BLTRD	ELLC	ELMIN	Q	CWSL	CRWS	BG	10*KS	VCH	AREA	.01K
* 2652.000	83.60	.00	.00	4458.75	3000.00	4464.40	4461.63	4464.64	14.32	4.01	820.08	792.78
* 2652.000	83.60	.00	.00	4458.75	440.00	4460.38	4459.58	4460.47	26.34	2.51	175.49	85.73
2477.000	175.00	.00	.00	4459.28	3000.00	4464.67	4461.81	4464.87	12.24	3.64	888.27	857.42
2477.000	175.00	.00	.00	4459.28	440.00	4460.81	4460.00	4460.89	21.20	2.19	201.16	95.57
2277.000	200.00	.00	.00	4459.88	3000.00	4464.93	4462.40	4465.14	14.30	3.80	880.29	793.30
2277.000	200.00	.00	.00	4459.88	440.00	4461.29	4460.60	4461.37	27.66	2.37	185.50	83.66
2077.000	200.00	.00	.00	4460.48	3000.00	4465.24	4462.41	4465.36	8.33	2.83	1061.83	1039.61
2077.000	200.00	.00	.00	4460.48	440.00	4461.77	4461.10	4461.82	17.89	1.73	254.07	104.02
1877.000	200.00	.00	.00	4461.08	3000.00	4465.44	4462.78	4465.51	5.57	2.15	1395.56	1271.25
1877.000	200.00	.00	.00	4461.08	440.00	4462.22	4461.81	4462.26	28.24	1.67	264.05	82.80
* 1677.000	200.00	.00	.00	4461.68	3000.00	4465.55	4464.00	4465.91	31.81	4.83	620.85	531.90
* 1677.000	200.00	.00	.00	4461.68	440.00	4462.87	4462.38	4462.97	40.89	2.53	173.85	68.81
* 1477.000	200.00	.00	.00	4462.28	1500.00	4466.12	4465.16	4466.78	64.04	6.50	230.87	187.44
* 1477.000	200.00	.00	.00	4462.28	220.00	4463.68	4463.11	4463.81	43.61	2.92	75.24	33.31
1277.000	200.00	.00	.00	4462.88	1500.00	4467.32	4465.74	4467.77	37.92	5.39	278.18	243.57
1277.000	200.00	.00	.00	4462.88	220.00	4464.44	4463.71	4464.54	30.50	2.60	84.67	39.83
1077.000	200.00	.00	.00	4463.48	1500.00	4468.07	4466.33	4468.48	33.38	5.15	291.35	259.64
1077.000	200.00	.00	.00	4463.48	220.00	4465.04	4464.31	4465.15	30.03	2.58	85.21	40.15
1002.000	75.00	.00	.00	4463.70	1500.00	4468.33	4466.54	4468.73	31.84	5.04	297.42	265.83
1002.000	75.00	.00	.00	4463.70	220.00	4465.27	4464.53	4465.37	29.39	2.56	85.98	40.58

12JAN96 10:41:14

PAGE 67

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
10421.000	3000.00	4434.04	.00	.00	.00	135.34	.00
10421.000	440.00	4434.02	-.02	.00	.00	135.22	.00
10271.000	3000.00	4434.96	.00	.92	.00	100.66	151.36
10271.000	440.00	4434.04	-.91	.02	.00	100.66	151.36
10060.000	3000.00	4435.47	.00	.52	.00	100.66	211.00
10060.000	440.00	4434.06	-1.42	.01	.00	100.66	211.00
9900.000	3000.00	4436.45	.00	.98	.00	144.12	160.20
9900.000	440.00	4434.13	-2.32	.08	.00	129.96	160.20
9826.000	3000.00	4436.62	.00	.17	.00	144.21	74.00
9826.000	440.00	4434.16	-2.45	.03	.00	125.33	74.00
9775.000	3000.00	4436.73	.00	.11	.00	144.27	51.00
9775.000	440.00	4434.19	-2.54	.02	.00	124.98	51.00
9700.000	3000.00	4436.89	.00	.16	.00	138.65	75.00
9700.000	440.00	4434.23	-2.66	.04	.00	125.47	75.00
9650.000	3000.00	4437.04	.00	.15	.00	144.62	50.00
9650.000	440.00	4434.26	-2.78	.03	.00	131.99	50.00
9638.000	3000.00	4437.05	.00	.01	.00	144.13	12.00
9638.000	440.00	4434.27	-2.78	.00	.00	127.45	12.00
9615.000	3000.00	4437.09	.00	.04	.00	144.21	23.00
9615.000	440.00	4434.28	-2.81	.01	.00	127.29	23.00
9592.000	3000.00	4437.14	.00	.05	.00	144.03	23.00
9592.000	440.00	4434.30	-2.84	.02	.00	127.03	23.00
9565.000	3000.00	4437.22	.00	.07	.00	144.29	27.00
9565.000	440.00	4434.33	-2.89	.03	.00	126.94	27.00
9483.000	3000.00	4437.41	.00	.19	.00	144.76	82.00
9483.000	440.00	4434.39	-3.01	.07	.00	133.50	82.00
9400.000	3000.00	4437.54	.00	.14	.00	138.57	83.00
9400.000	440.00	4434.47	-3.07	.07	.00	123.54	83.00
9350.000	3000.00	4437.67	.00	.13	.00	146.44	50.00
9350.000	440.00	4434.53	-3.15	.06	.00	126.22	50.00
9266.000	3000.00	4437.85	.00	.17	.00	146.69	84.00
9266.000	440.00	4434.63	-3.22	.10	.00	125.89	84.00

12JAN96 10:41:14

PAGE 68

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
9200.000	3000.00	4437.97	.00	.12	.00	138.71	66.00
9200.000	440.00	4434.72	-3.25	.09	.00	122.77	66.00

9150.000	3000.00	4438.11	.00	.14	.00	144.69	50.00
9150.000	440.00	4434.80	-3.31	.08	.00	129.74	50.00
9128.000	3000.00	4438.14	.00	.03	.00	144.55	22.00
9128.000	440.00	4434.83	-3.31	.03	.00	124.64	22.00
9068.000	3000.00	4438.25	.00	.11	.00	138.90	60.00
9068.000	440.00	4434.93	-3.32	.10	.00	122.52	60.00
9037.000	3000.00	4438.32	.00	.07	.00	139.80	31.00
9037.000	440.00	4434.99	-3.33	.06	.00	122.82	31.00
9012.000	3000.00	4438.40	.00	.09	.00	144.77	25.00
9012.000	440.00	4435.05	-3.36	.06	.00	124.49	25.00
8988.000	3000.00	4438.47	.00	.07	.00	144.88	24.00
8988.000	440.00	4435.09	-3.38	.04	.00	129.63	24.00
8900.000	3000.00	4438.62	.00	.15	.00	140.89	88.00
8900.000	440.00	4435.23	-3.39	.14	.00	122.96	88.00
8770.000	3000.00	4438.89	.00	.28	.00	144.74	130.00
8770.000	440.00	4435.47	-3.43	.24	.00	124.09	130.00
8700.000	3000.00	4439.03	.00	.14	.00	143.85	70.00
8700.000	440.00	4435.60	-3.44	.13	.00	123.73	70.00
8600.000	3000.00	4439.23	.00	.19	.00	137.99	100.00
8600.000	440.00	4435.79	-3.43	.19	.00	121.76	100.00
8500.000	3000.00	4439.46	.00	.24	.00	144.91	100.00
8500.000	440.00	4435.99	-3.47	.20	.00	129.21	100.00
8425.000	3000.00	4439.59	.00	.13	.00	145.05	75.00
8425.000	440.00	4436.13	-3.47	.14	.00	121.43	75.00
8360.000	3000.00	4439.72	.00	.12	.00	144.67	65.00
8360.000	440.00	4436.26	-3.46	.13	.00	121.28	65.00
8290.000	3000.00	4439.89	.00	.17	.00	144.92	70.00
8290.000	440.00	4436.41	-3.48	.15	.00	129.16	70.00
8225.000	3000.00	4440.00	.00	.11	.00	144.48	65.00
8225.000	440.00	4436.53	-3.47	.12	.00	123.79	65.00
8110.000	3000.00	4440.23	.00	.23	.00	144.62	115.00
8110.000	440.00	4436.78	-3.45	.25	.00	127.10	115.00

12JAN96 10:41:14

PAGE 69

SBCNO	Q	CWSEL	DIFWSP	DIFWSX	DIPKWS	TOPWID	XLCH
8088.000	3000.00	4440.29	.00	.07	.00	145.07	22.00
8088.000	440.00	4436.83	-3.46	.06	.00	132.50	22.00
8050.000	3000.00	4440.34	.00	.05	.00	139.10	38.00
8050.000	440.00	4436.91	-3.44	.08	.00	124.68	38.00
7965.000	3000.00	4440.54	.00	.20	.00	146.84	85.00
7965.000	440.00	4437.08	-3.46	.18	.00	127.15	85.00
7900.000	3000.00	4440.65	.00	.11	.00	137.05	65.00
7900.000	440.00	4437.21	-3.44	.13	.00	121.51	65.00

7836.000	3000.00	4440.81	.00	.16	.00	144.97	64.00
7836.000	440.00	4437.34	-3.47	.13	.00	121.48	64.00
7800.000	3000.00	4440.87	.00	.07	.00	137.28	36.00
7800.000	440.00	4437.42	-3.46	.07	.00	124.73	36.00
7760.000	3000.00	4440.98	.00	.11	.00	145.04	40.00
7760.000	440.00	4437.49	-3.49	.08	.00	131.76	40.00
7718.000	3000.00	4441.03	.00	.05	.00	144.35	42.00
7718.000	440.00	4437.57	-3.46	.08	.00	121.39	42.00
7700.000	3000.00	4441.07	.00	.04	.00	138.02	18.00
7700.000	440.00	4437.62	-3.45	.05	.00	121.73	18.00
7662.000	3000.00	4441.18	.00	.12	.00	144.80	38.00
7662.000	440.00	4437.71	-3.47	.10	.00	123.97	38.00
7540.000	3000.00	4441.43	.00	.25	.00	145.06	122.00
7540.000	440.00	4437.95	-3.48	.23	.00	129.23	122.00
7340.000	3000.00	4441.80	.00	.37	.00	143.73	200.00
7340.000	440.00	4438.39	-3.42	.44	.00	120.50	200.00
7200.000	3000.00	4442.13	.00	.32	.00	140.24	140.00
7200.000	440.00	4438.87	-3.26	.48	.00	118.95	140.00
7125.000	3000.00	4442.33	.00	.20	.00	133.51	75.00
7125.000	440.00	4439.17	-3.15	.30	.00	114.53	75.00
7040.000	3000.00	4442.63	.00	.30	.00	138.81	85.00
7040.000	440.00	4439.53	-3.09	.36	.00	111.55	85.00
6975.000	3000.00	4442.86	.00	.23	.00	138.45	65.00
6975.000	440.00	4439.82	-3.04	.28	.00	109.90	65.00
6900.000	3000.00	4443.18	.00	.32	.00	135.84	75.00
6900.000	440.00	4440.13	-3.05	.32	.00	111.53	75.00

12JAN96 10:41:14

PAGE 70

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6840.000	3000.00	4443.42	.00	.23	.00	138.01	60.00
6840.000	440.00	4440.37	-3.04	.24	.00	110.15	60.00
6770.000	3000.00	4443.71	.00	.30	.00	135.98	70.00
6770.000	440.00	4440.65	-3.06	.28	.00	116.68	70.00
6725.000	3000.00	4443.86	.00	.14	.00	135.73	45.00
6725.000	440.00	4440.82	-3.03	.17	.00	116.62	45.00
6700.000	3000.00	4443.95	.00	.09	.00	135.67	25.00
6700.000	440.00	4440.94	-3.01	.12	.00	116.68	25.00
6612.000	3000.00	4444.29	.00	.33	.00	135.32	88.00
6612.000	440.00	4441.32	-2.97	.38	.00	110.23	88.00
6558.000	3000.00	4444.54	.00	.25	.00	131.84	54.00
6558.000	440.00	4441.53	-3.01	.21	.00	115.61	54.00
6476.000	3000.00	4444.83	.00	.29	.00	134.84	82.00
6476.000	440.00	4441.82	-3.01	.29	.00	108.55	82.00

6455.000	3000.00	4444.95	.00	.12	.00	135.68	21.00
6455.000	440.00	4441.91	-3.04	.09	.00	111.37	21.00
6436.000	3000.00	4445.02	.00	.07	.00	135.58	19.00
6436.000	440.00	4441.99	-3.03	.08	.00	111.40	19.00
6395.000	3000.00	4445.17	.00	.15	.00	137.89	41.00
6395.000	440.00	4442.16	-3.02	.17	.00	108.58	41.00
6300.000	3000.00	4445.59	.00	.42	.00	132.94	95.00
6300.000	440.00	4442.55	-3.04	.40	.00	116.41	95.00
6226.000	3000.00	4445.88	.00	.29	.00	135.91	74.00
6226.000	440.00	4442.85	-3.03	.29	.00	116.77	74.00
6169.000	3000.00	4446.06	.00	.19	.00	135.70	57.00
6169.000	440.00	4443.05	-3.02	.20	.00	111.51	57.00
6131.000	3000.00	4446.20	.00	.13	.00	135.32	38.00
6131.000	440.00	4443.21	-2.99	.16	.00	111.34	38.00
6100.000	3000.00	4446.33	.00	.14	.00	135.41	31.00
6100.000	440.00	4443.38	-2.95	.17	.00	111.86	31.00
6000.000	3000.00	4446.80	.00	.46	.00	135.99	100.00
6000.000	440.00	4443.80	-3.00	.42	.00	117.07	100.00
5945.000	3000.00	4446.97	.00	.17	.00	137.85	55.00
5945.000	440.00	4443.97	-3.00	.18	.00	110.21	55.00

12JAN96 10:41:14

PAGE 71

SECNO	Q	CWSBL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5800.000	3000.00	4447.57	.00	.59	.00	137.14	145.00
5800.000	440.00	4444.55	-3.02	.57	.00	110.11	145.00
5700.000	3000.00	4447.96	.00	.39	.00	137.82	100.00
5700.000	440.00	4444.95	-3.01	.40	.00	110.09	100.00
5549.000	3000.00	4448.52	.00	.56	.00	84.67	151.00
5549.000	440.00	4445.61	-2.91	.66	.00	84.66	151.00
5469.000	3000.00	4449.52	.00	1.00	.00	84.67	80.00
5469.000	440.00	4445.84	-3.68	.23	.00	84.65	80.00
* 5370.000	3000.00	4450.38	.00	.86	.00	146.25	99.00
* 5370.000	440.00	4446.38	-4.00	.54	.00	113.80	99.00
5050.000	3000.00	4451.00	.00	.62	.00	143.26	320.00
5050.000	440.00	4447.51	-3.49	1.13	.00	112.40	320.00
4950.000	3000.00	4451.27	.00	.27	.00	142.12	100.00
4950.000	440.00	4447.93	-3.34	.42	.00	112.65	100.00
4850.000	3000.00	4451.57	.00	.30	.00	141.15	100.00
4850.000	440.00	4448.34	-3.24	.40	.00	112.73	100.00
4750.000	3000.00	4451.90	.00	.33	.00	140.54	100.00
4750.000	440.00	4448.73	-3.17	.40	.00	112.67	100.00
4650.000	3000.00	4452.25	.00	.34	.00	140.04	100.00
4650.000	440.00	4449.14	-3.11	.40	.00	112.64	100.00

4550.000	3000.00	4452.61	.00	.36	.00	139.70	100.00
4550.000	440.00	4449.54	-3.07	.40	.00	112.71	100.00
4500.000	3000.00	4452.79	.00	.19	.00	139.62	50.00
4500.000	440.00	4449.74	-3.05	.20	.00	112.71	50.00
4450.000	3000.00	4452.98	.00	.19	.00	139.52	50.00
4450.000	440.00	4449.94	-3.04	.20	.00	112.68	50.00
4425.000	3000.00	4453.07	.00	.09	.00	139.46	25.00
4425.000	440.00	4450.04	-3.04	.10	.00	112.68	25.00
4400.000	3000.00	4452.82	.00	-.25	.00	127.89	25.00
4400.000	440.00	4450.49	-2.33	.45	.00	107.32	25.00
4350.000	3000.00	4453.68	.00	.86	.00	133.67	50.00
4350.000	440.00	4451.24	-2.44	.75	.00	112.16	50.00
4300.000	3000.00	4454.06	.00	.38	.00	135.30	50.00
4300.000	440.00	4451.47	-2.60	.23	.00	112.40	50.00

12JAN96 10:41:14

PAGE 72

SECNO	Q	CWSEL	DIPWSP	DIPWSX	DIPKWS	TOPWID	XLCH
4200.000	3000.00	4454.65	.00	.59	.00	136.97	100.00
4200.000	440.00	4451.89	-2.76	.43	.00	112.62	100.00
4000.000	3000.00	4455.60	.00	.95	.00	138.28	200.00
4000.000	440.00	4452.70	-2.90	.80	.00	112.74	200.00
3950.000	3000.00	4455.82	.00	.22	.00	138.50	50.00
3950.000	440.00	4452.90	-2.92	.20	.00	112.68	50.00
3925.000	3000.00	4455.92	.00	.10	.00	138.47	25.00
3925.000	440.00	4452.99	-2.93	.10	.00	112.65	25.00
3900.000	3000.00	4455.61	.00	-.31	.00	126.41	25.00
3900.000	440.00	4453.45	-2.16	.46	.00	107.35	25.00
3700.000	3000.00	4457.81	.00	2.20	.00	138.70	200.00
3700.000	440.00	4455.03	-2.78	1.58	.00	114.16	200.00
3500.000	3000.00	4458.63	.00	.82	.00	138.86	200.00
3500.000	440.00	4455.67	-2.96	.64	.00	112.76	200.00
3450.000	3000.00	4458.83	.00	.20	.00	138.88	50.00
3450.000	440.00	4455.86	-2.97	.20	.00	112.71	50.00
3425.000	3000.00	4458.93	.00	.10	.00	138.88	25.00
3425.000	440.00	4455.96	-2.97	.10	.00	112.71	25.00
3400.000	3000.00	4458.65	.00	-.28	.00	127.05	25.00
3400.000	440.00	4456.41	-2.23	.45	.00	107.35	25.00
3300.000	3000.00	4460.06	.00	1.42	.00	135.94	100.00
3300.000	440.00	4457.48	-2.59	1.06	.00	113.14	100.00
3200.000	3000.00	4460.61	.00	.55	.00	137.12	100.00
3200.000	440.00	4457.84	-2.76	.37	.00	112.73	100.00
3100.000	3000.00	4461.09	.00	.48	.00	137.77	100.00
3100.000	440.00	4458.25	-2.84	.40	.00	112.59	100.00

3000.000	3000.00	4461.54	.00	.45	.00	138.08	100.00
3000.000	440.00	4458.66	-2.88	.41	.00	112.56	100.00
2920.000	3000.00	4461.89	.00	.35	.00	138.19	80.00
2920.000	440.00	4458.99	-2.90	.33	.00	112.59	80.00
2820.000	3000.00	4462.25	.00	.36	.00	84.67	100.00
2820.000	440.00	4459.45	-2.80	.46	.00	84.67	100.00
2736.000	3000.00	4463.49	.00	1.24	.00	84.67	82.82
2736.000	440.00	4459.89	-3.60	.44	.00	84.67	82.82

12JAN96 10:41:14

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 2652.000	3000.00	4464.40	.00	.91	.00	315.33	83.60
* 2652.000	440.00	4460.38	-4.02	.49	.00	116.05	83.60
2477.000	3000.00	4464.67	.00	.27	.00	349.27	175.00
2477.000	440.00	4460.81	-3.86	.44	.00	138.75	175.00
2277.000	3000.00	4464.93	.00	.26	.00	364.49	200.00
2277.000	440.00	4461.29	-3.64	.47	.00	138.36	200.00
2077.000	3000.00	4465.24	.00	.31	.00	247.02	200.00
2077.000	440.00	4461.77	-3.47	.48	.00	219.31	200.00
1877.000	3000.00	4465.44	.00	.20	.00	362.34	200.00
1877.000	440.00	4462.22	-3.22	.45	.00	340.30	200.00
* 1677.000	3000.00	4465.55	.00	.10	.00	176.21	200.00
1677.000	440.00	4462.87	-2.68	.65	.00	157.78	200.00
* 1477.000	1500.00	4466.12	.00	.58	.00	70.03	200.00
* 1477.000	220.00	4463.68	-2.44	.81	.00	57.30	200.00
1277.000	1500.00	4467.32	.00	1.19	.00	75.38	200.00
1277.000	220.00	4464.44	-2.88	.75	.00	58.89	200.00
1077.000	1500.00	4468.07	.00	.75	.00	76.88	200.00
1077.000	220.00	4465.04	-3.03	.61	.00	59.14	200.00
1002.000	1500.00	4468.33	.00	.26	.00	78.21	75.00
1002.000	220.00	4465.27	-3.07	.23	.00	59.54	75.00

12JAN96 10:41:14

SUMMARY OF ERRORS AND SPECIAL NOTES

- WARNING SECNO= 9900.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
- WARNING SECNO= 5370.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
- WARNING SECNO= 5370.000 PROFILE= 2 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
- WARNING SECNO= 4400.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
- CAUTION SECNO= 4400.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 4400.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

WARNING SECNO= 4350.000 PROFILE= 2 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 3900.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO= 3900.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 3900.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

WARNING SECNO= 3700.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 3700.000 PROFILE= 2 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 3400.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO= 3400.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 3400.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

WARNING SECNO= 3300.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 3300.000 PROFILE= 2 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 2652.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 2652.000 PROFILE= 2 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 1677.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 1477.000 PROFILE= 1 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO= 1477.000 PROFILE= 2 CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE



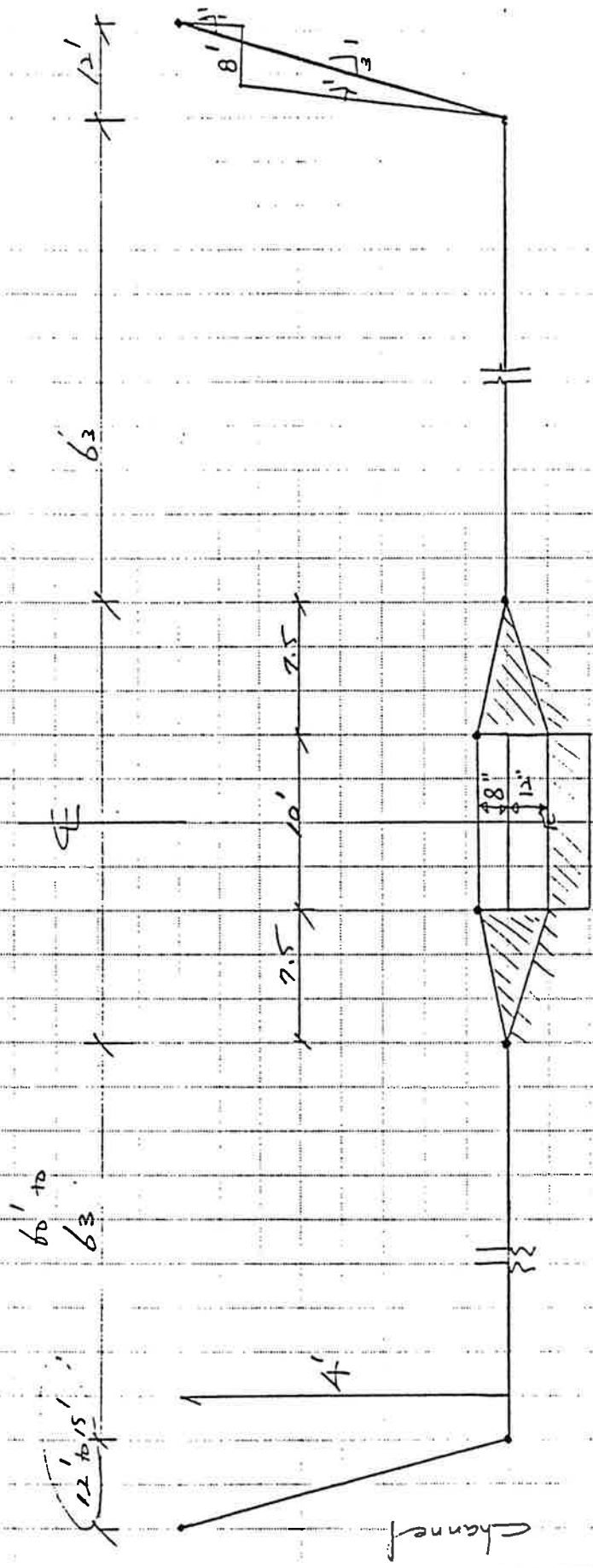
Nimbus Engineers

3710 Grant Dr., Suite A • Reno, NV 89510
Mail: P.O. Box 10220 • Reno, NV 89510
(702) 689-6630 FAX (702) 689-6614

JOB _____
SHEET NO. _____
OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____

SCALE _____

Assumed Channel Crossing

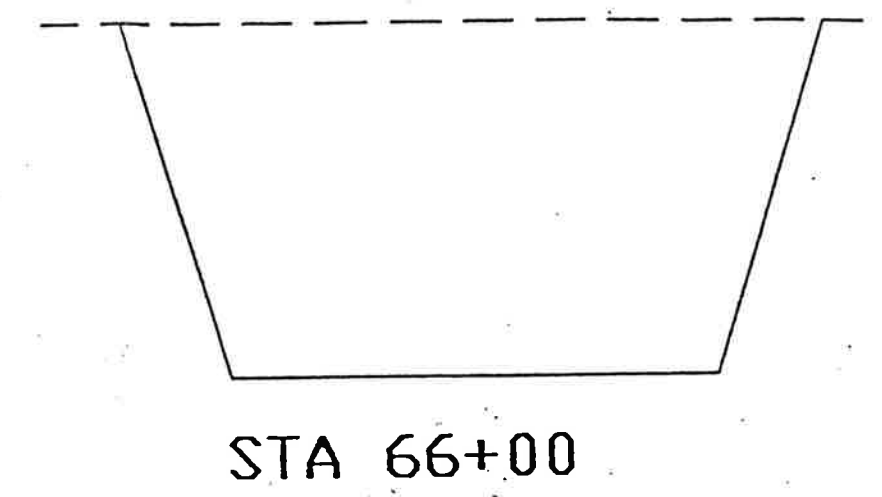
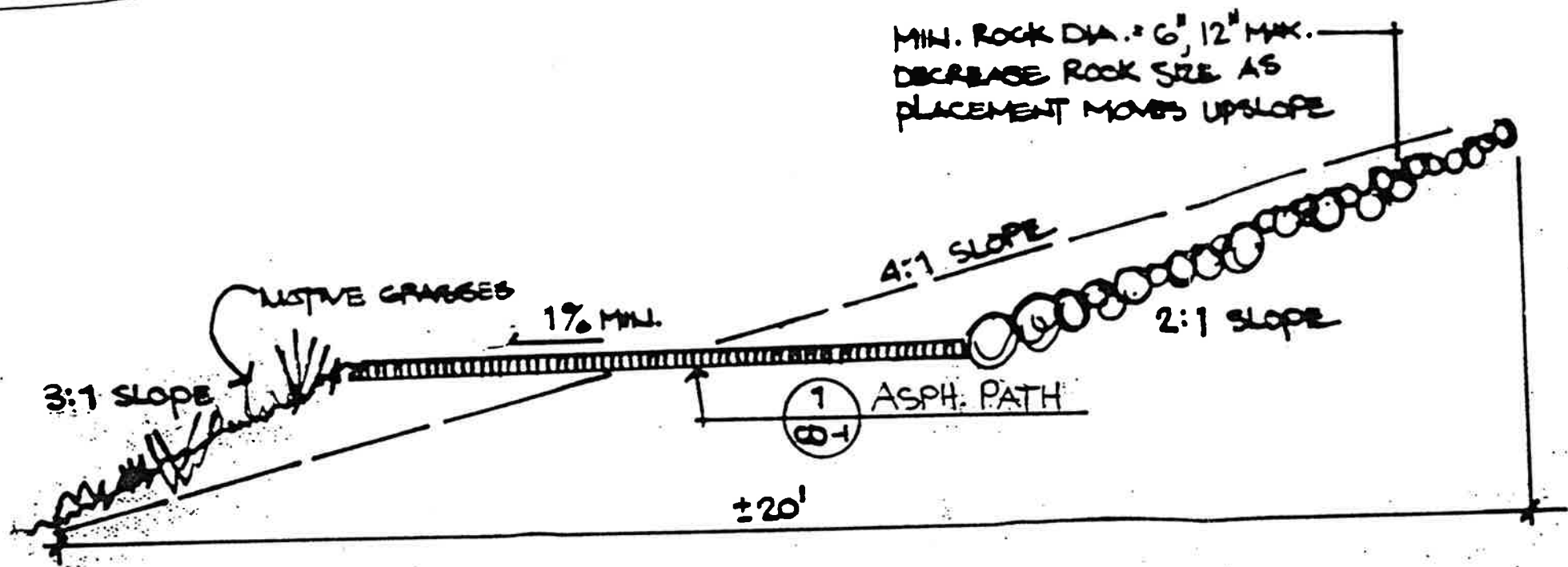


Flow

Channel

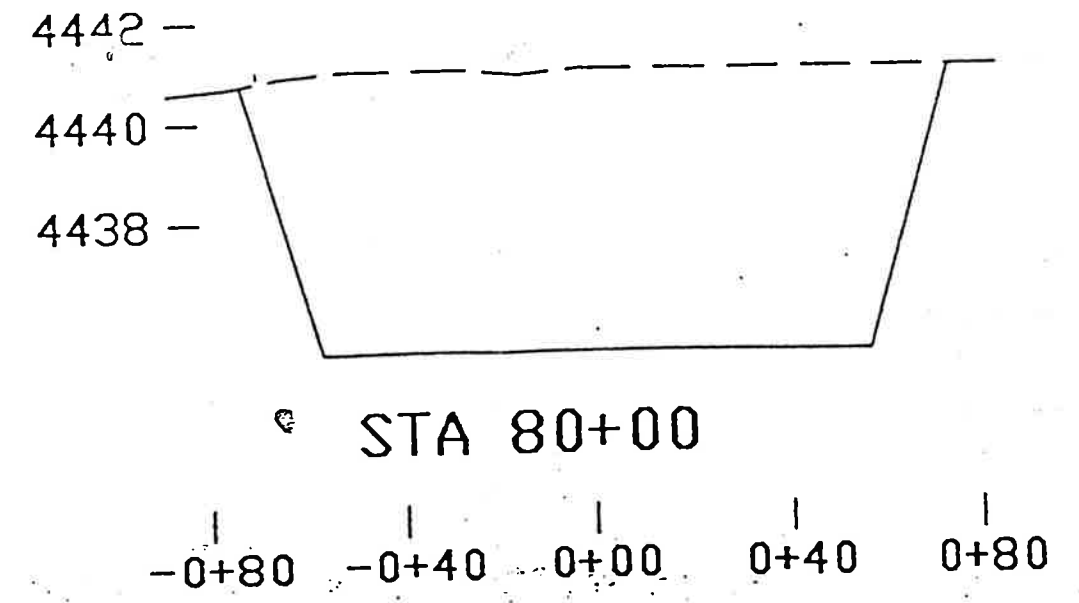
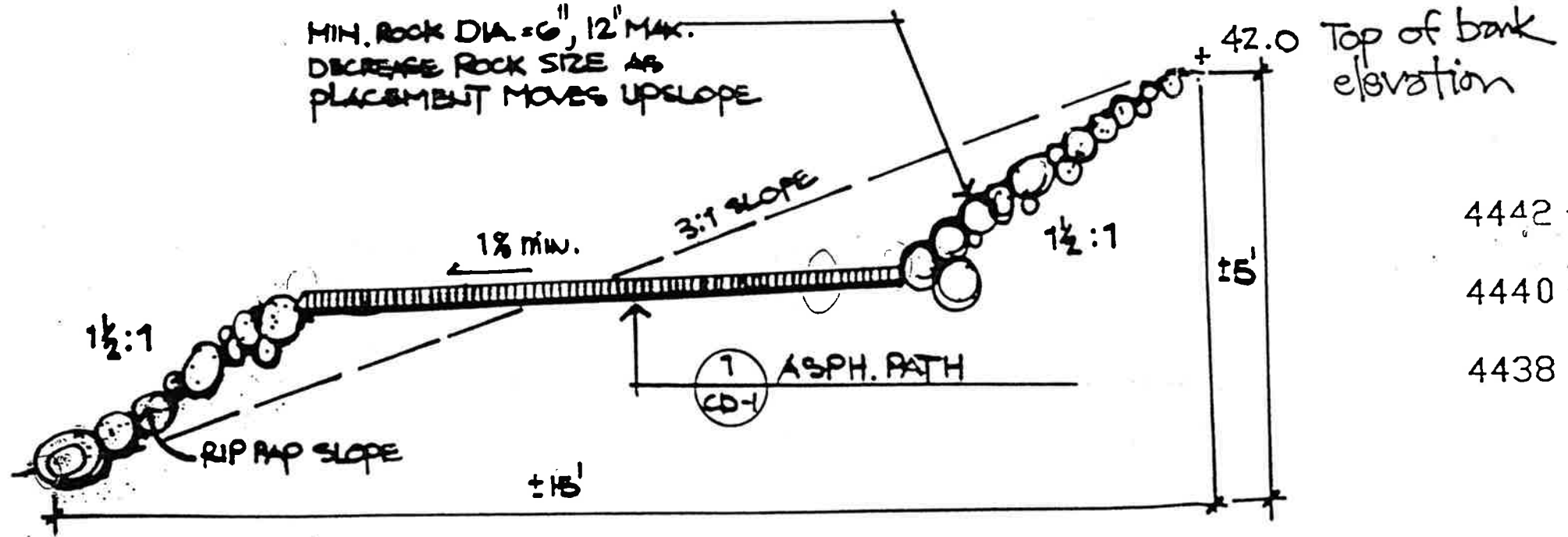
DOUBLE DIAMOND

MIN. ROCK DIA. = 6" 12" MAX.
DECREASE ROCK SIZE AS
PLACEMENT MOVES UPSLOPE

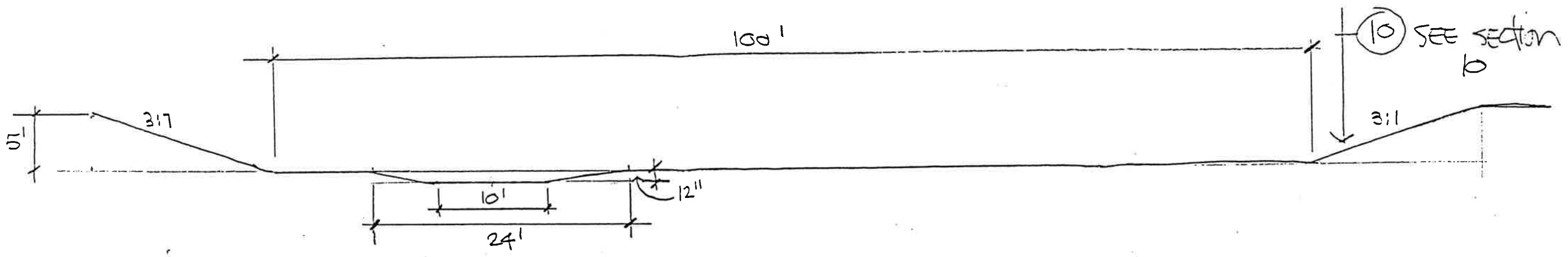


9 SECTION THRU 4:1 SLOPE AREA WITH PATH
STATION 66.00

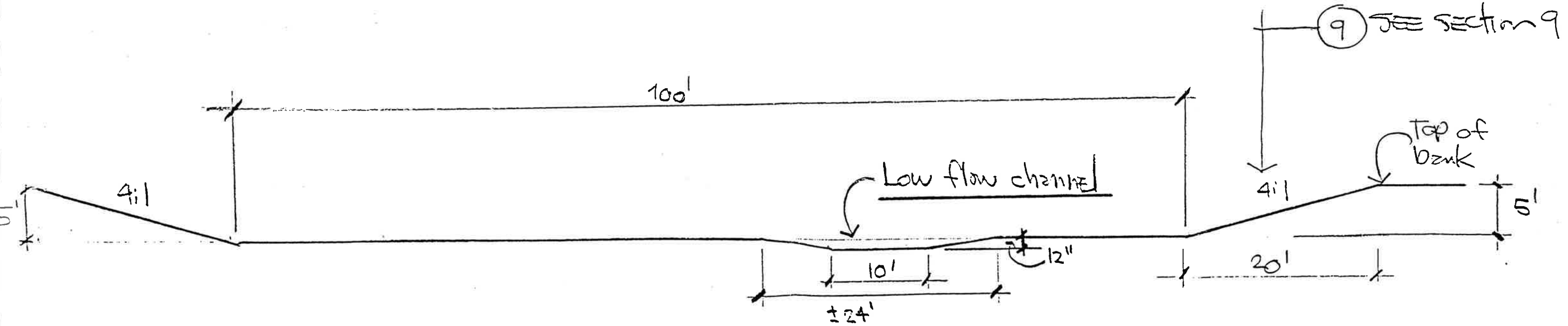
MIN. ROCK DIA. = 6" 12" MAX.
DECREASE ROCK SIZE AS
PLACEMENT MOVES UPSLOPE



10 SECTION THRU 3:1 SLOPE AREA WITH PATH
STATION 80.00



STATION 80:00
 1" = 100' - 0"

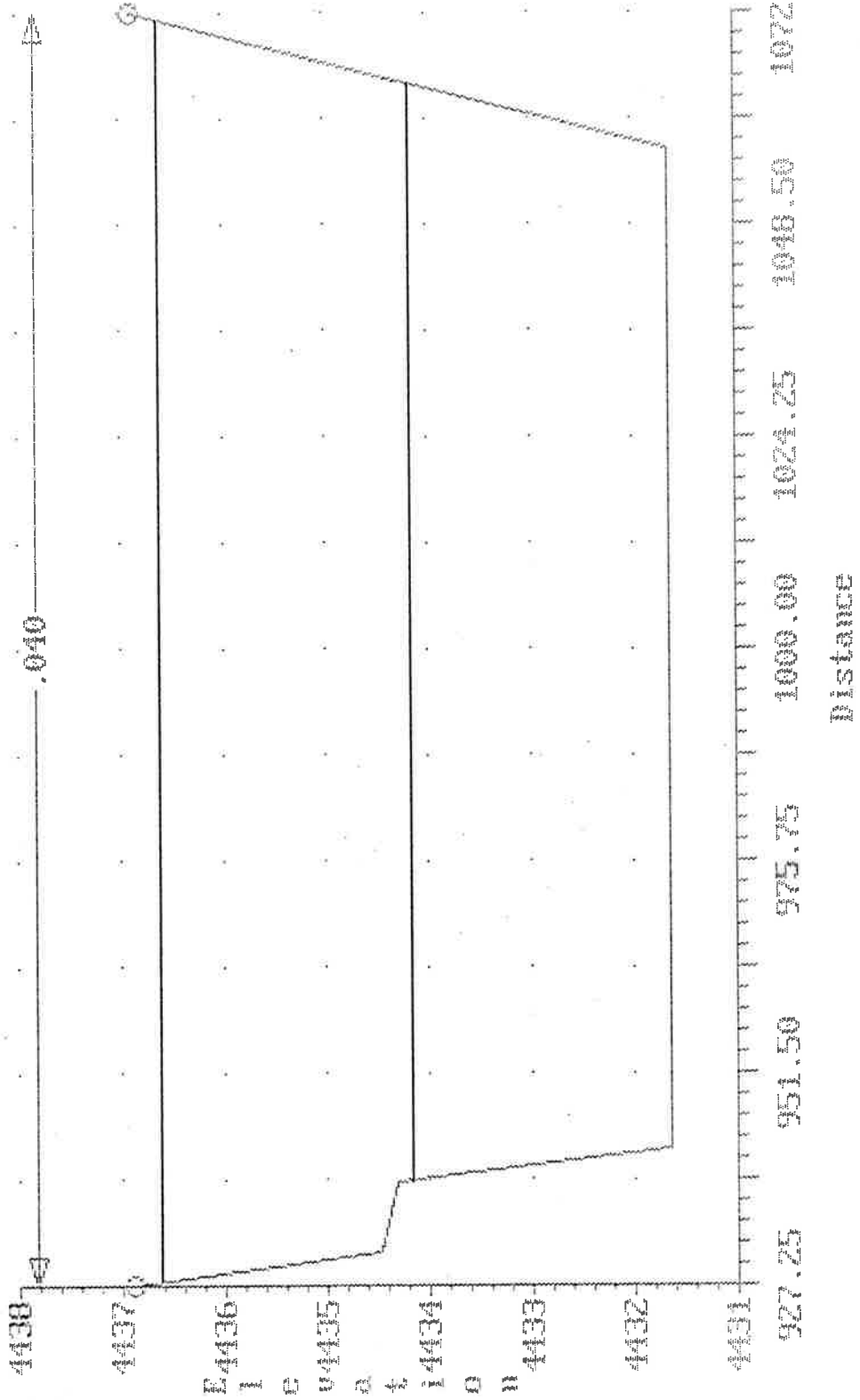


STATION 66:00
 1" = 100' - 0"

SEA inc.
 12.26.95

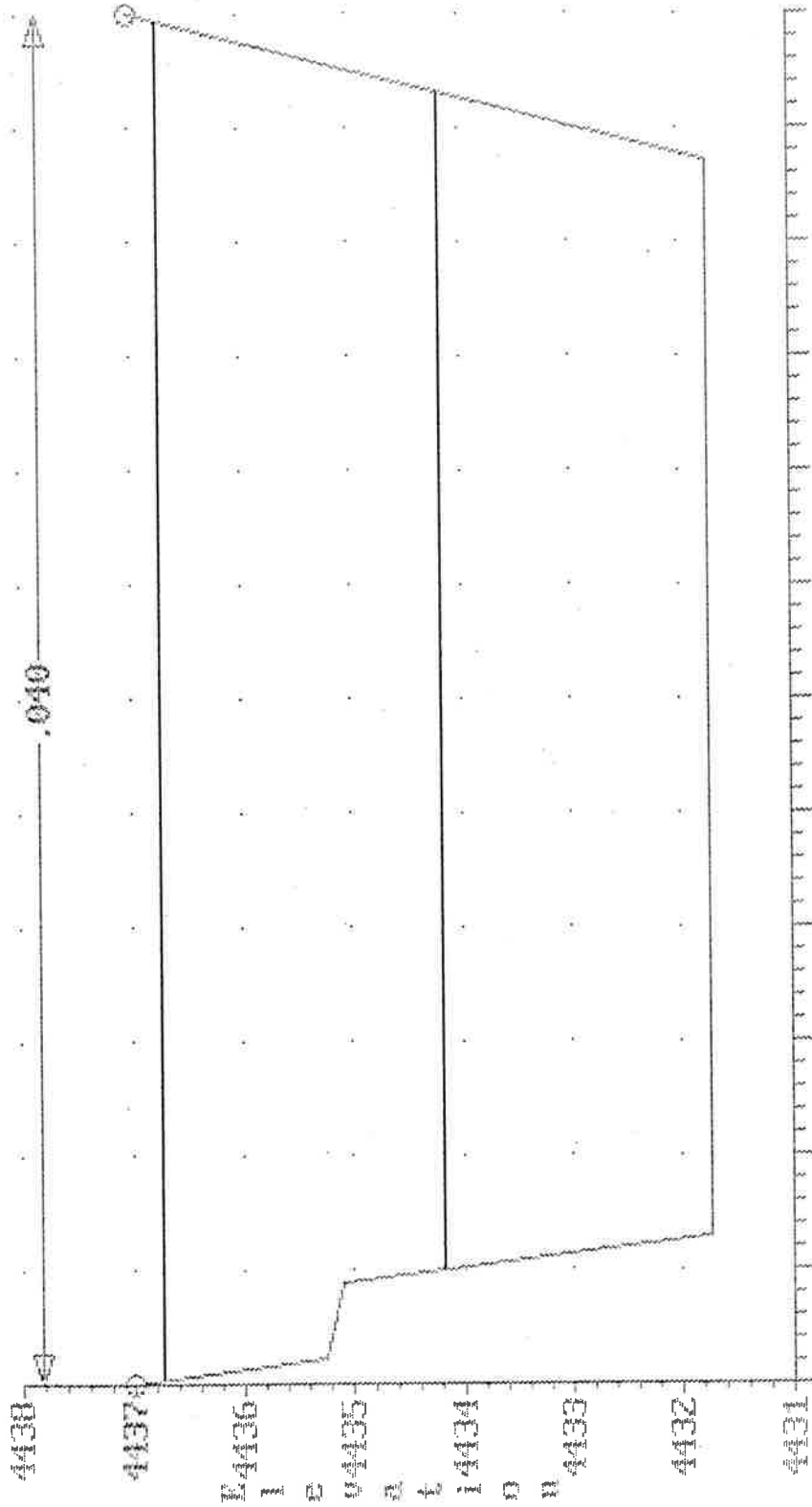
FILE WICENCHK.DAT

Cross-section 9026.000



FILE WCHCHK.INF

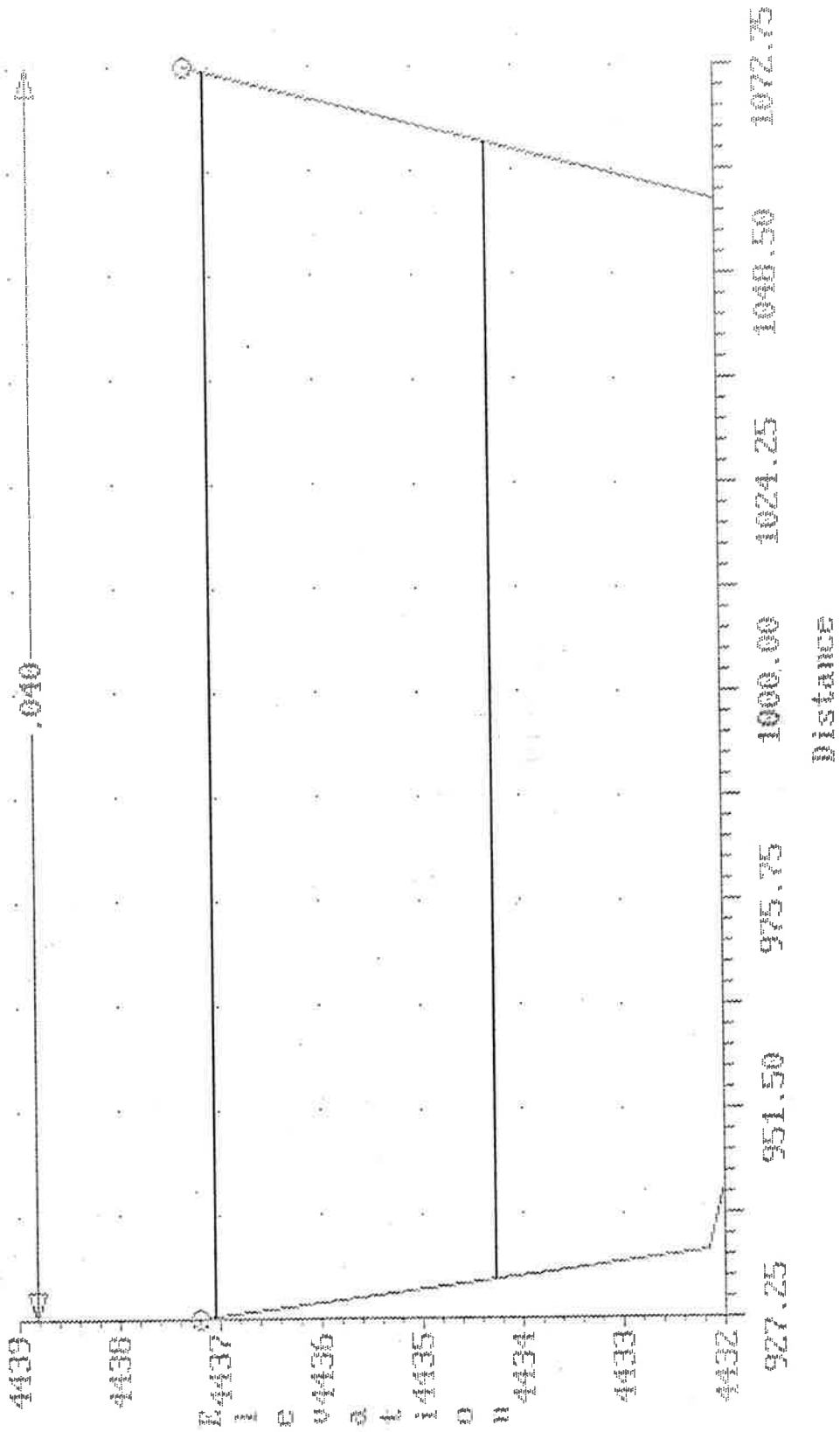
Cross-section 3775.000



Distance	Elevation
927.25	4431
951.50	4432
975.75	4433
1000.00	4434
1024.25	4435
1048.50	4436
1072.75	4437

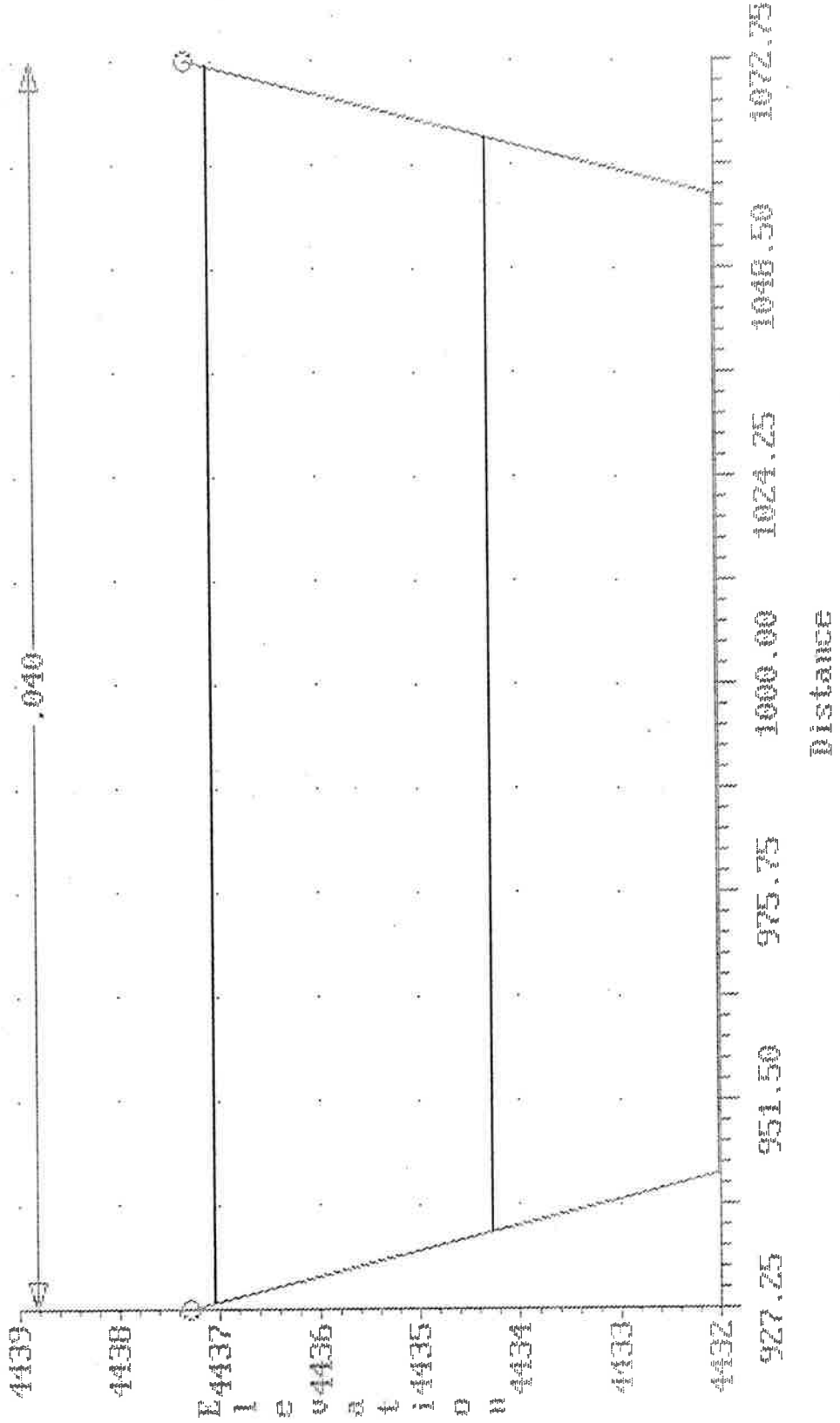
FILE WCTCHK.MT

Cross-section 3650.000

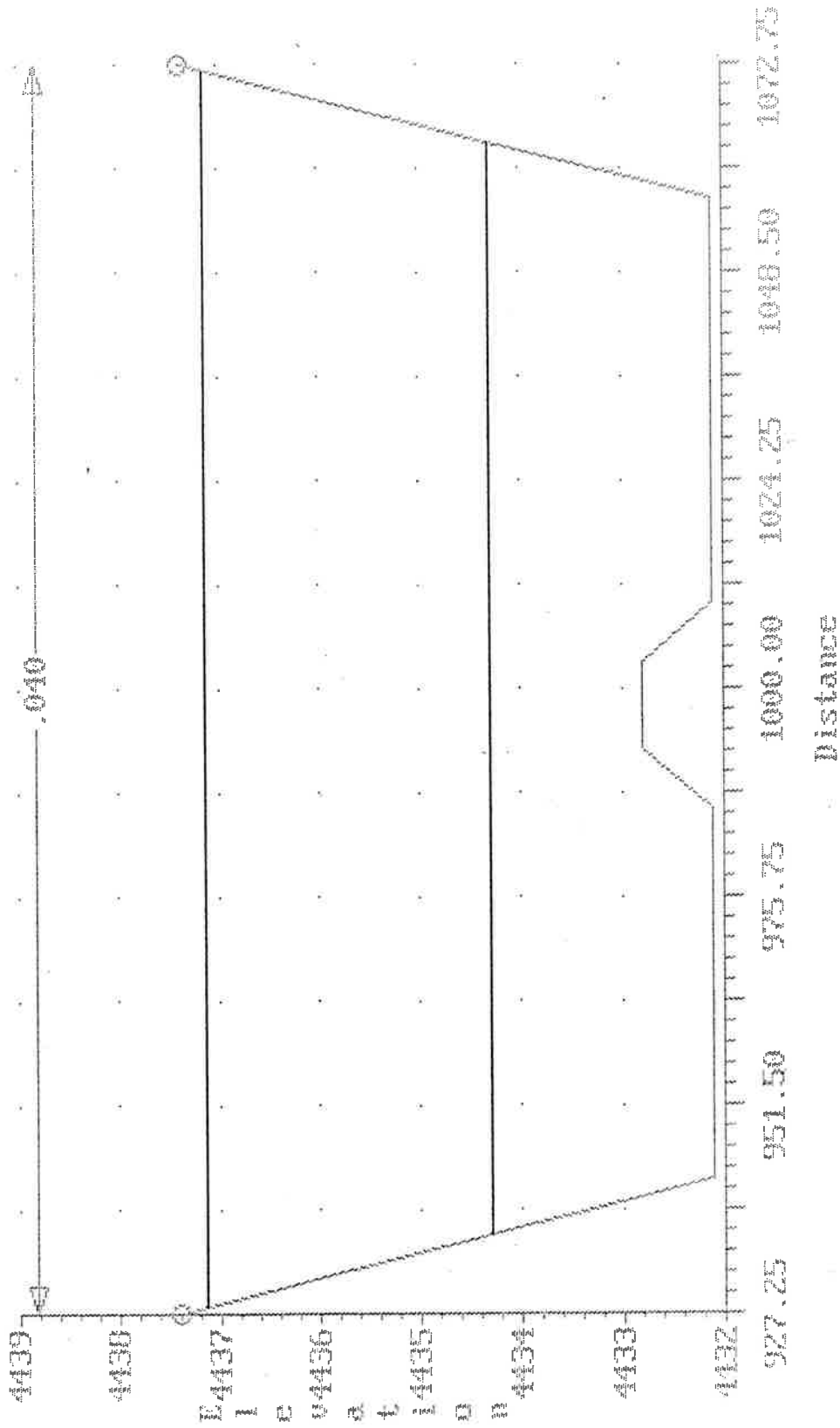


FILE MCEBCKA.DAT

Cross-section 5638.000

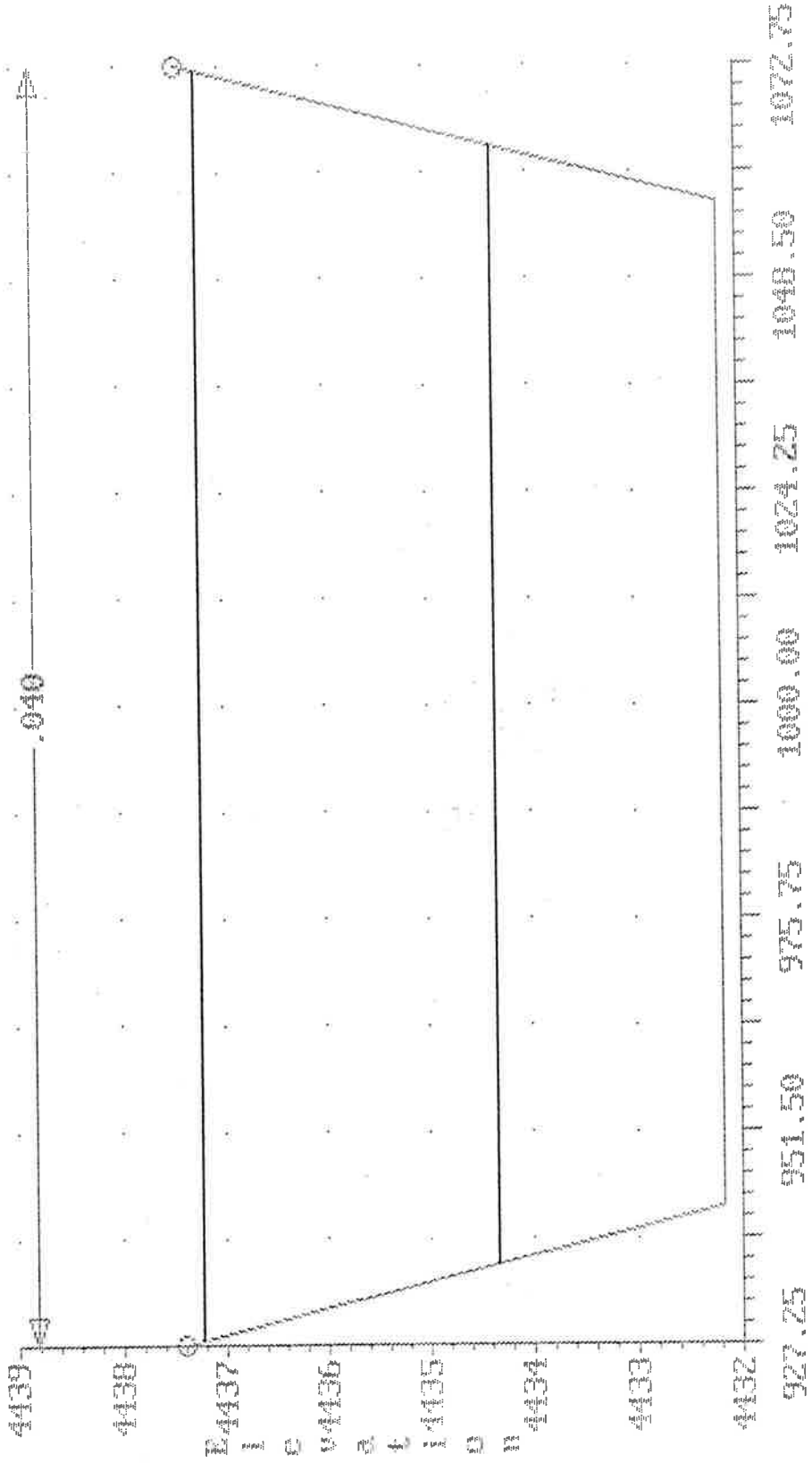


FILE LOCATION: PAF
 Cross-section 992.000



FILE M000004.DAT

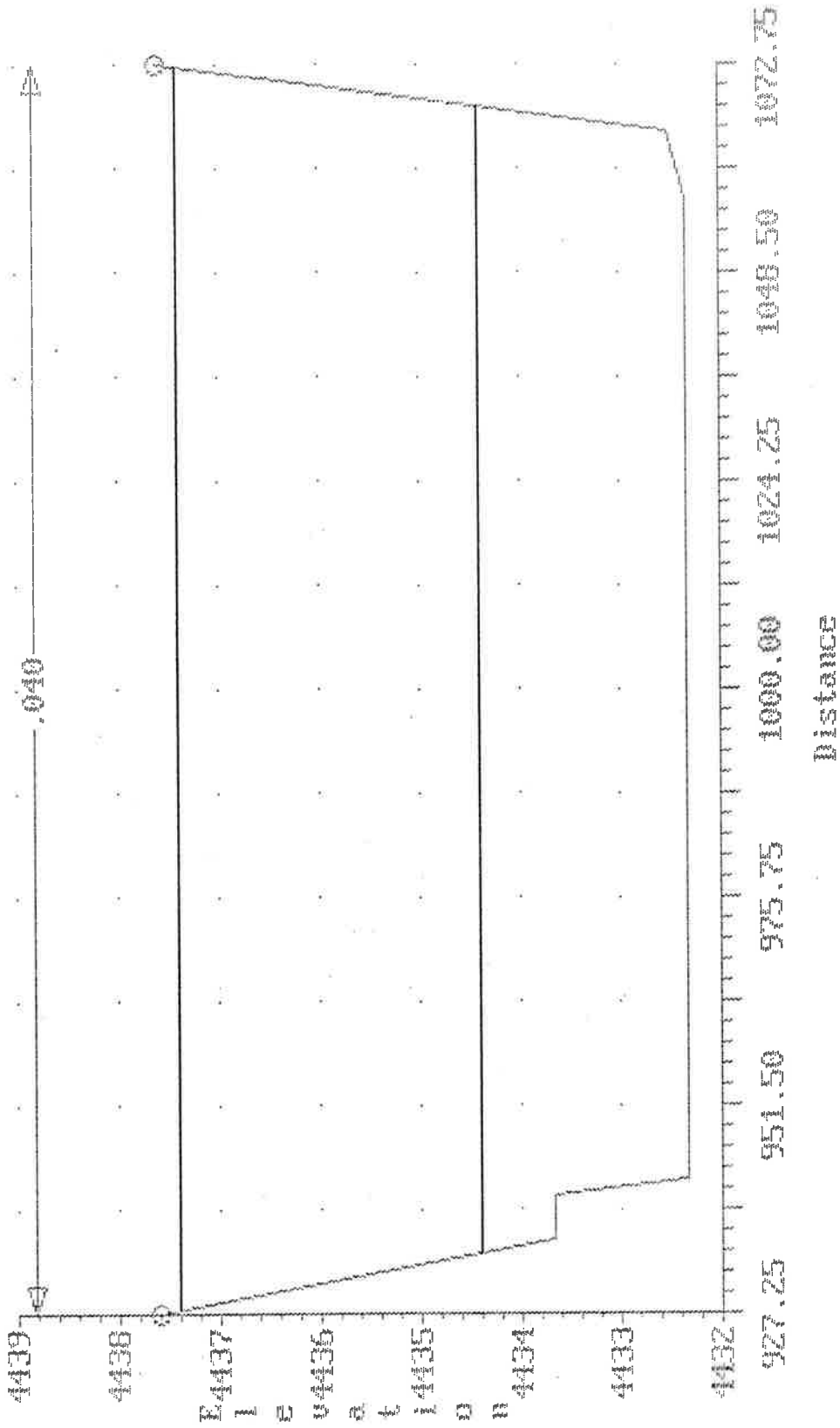
Cross-section 9565.000



Distance

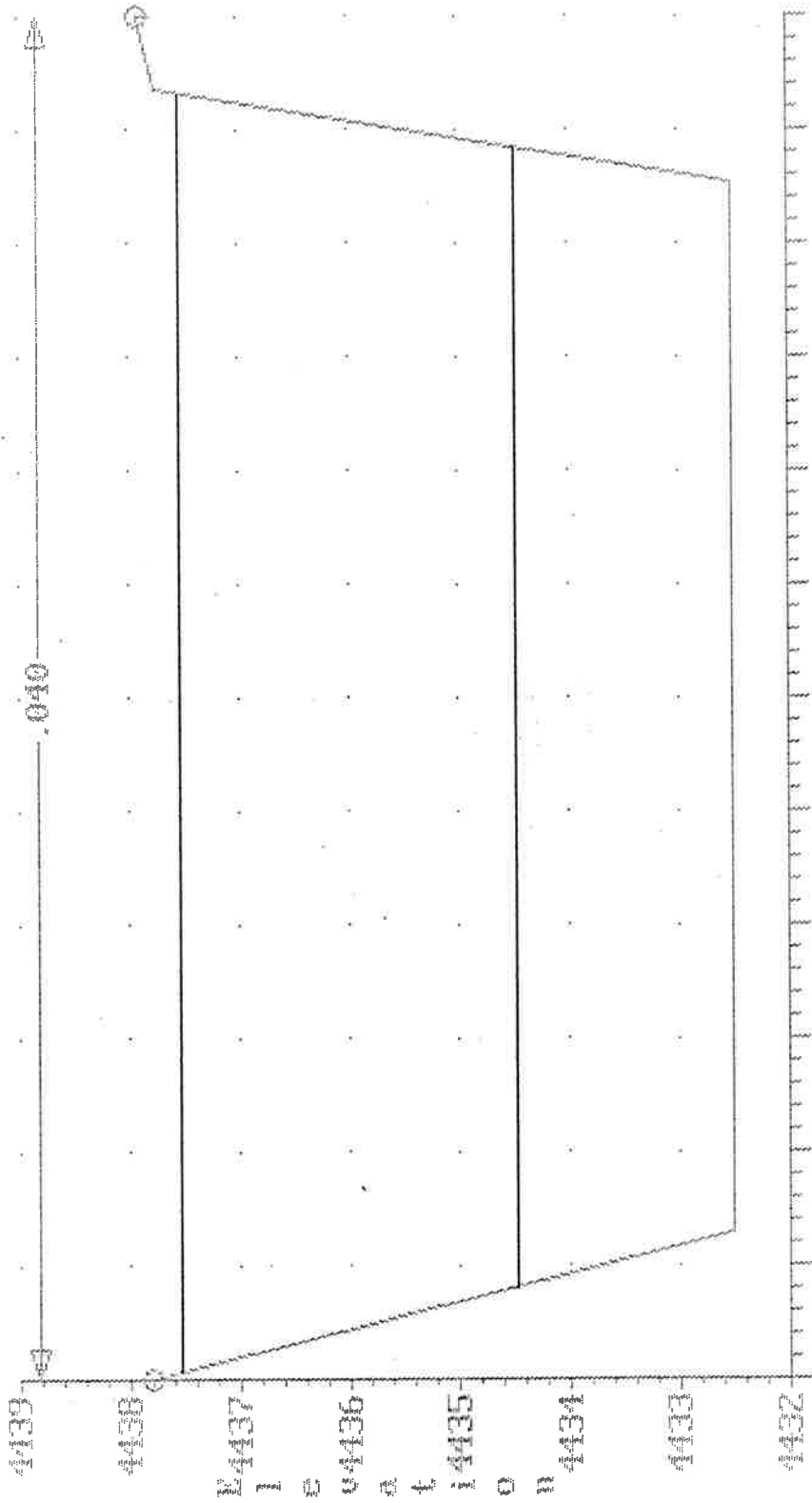
FILE WCCCHK.DAT

Cross-section 9403.000



FILE MCHCHK.DAT

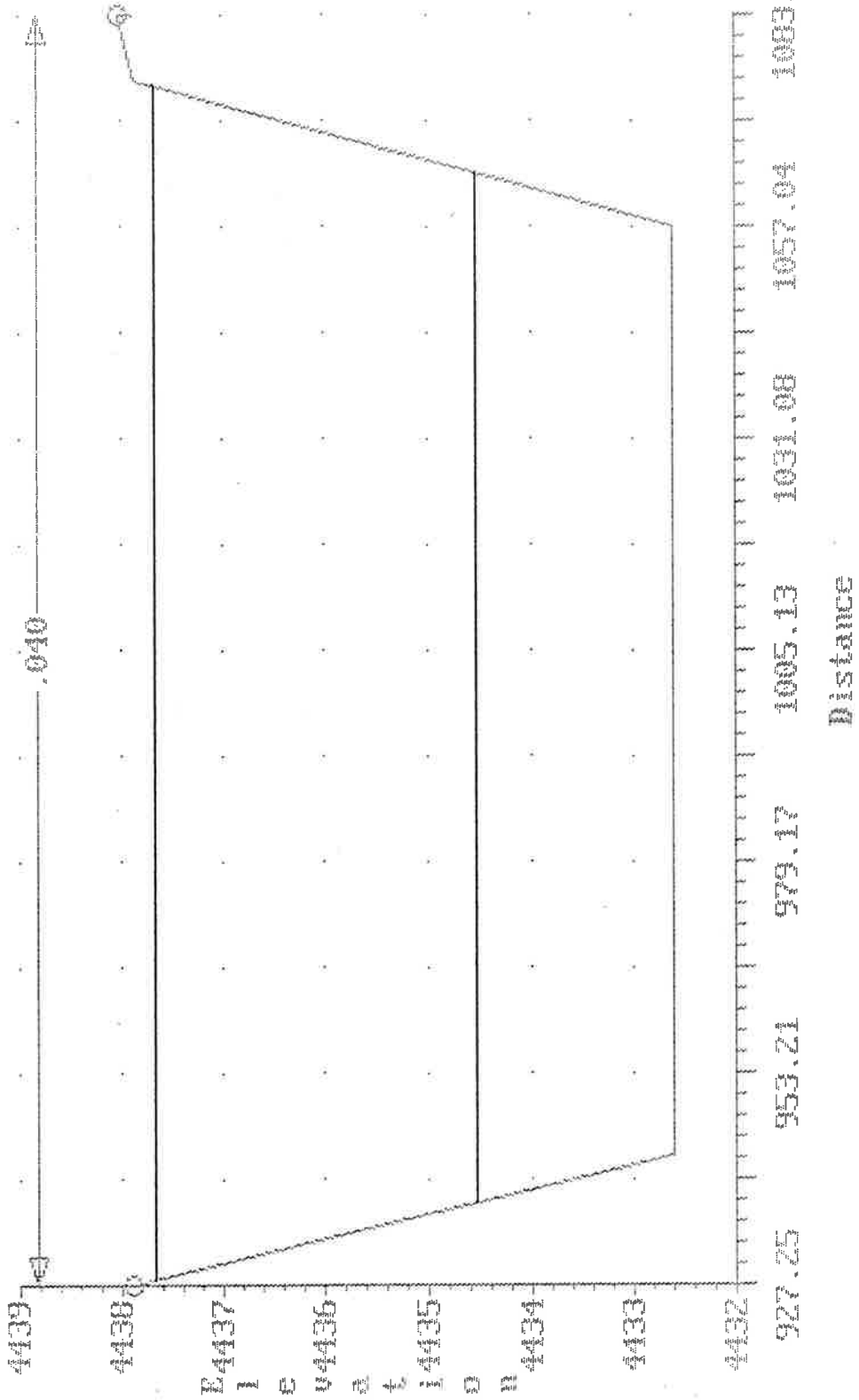
Cross-section 9400.000



Distance

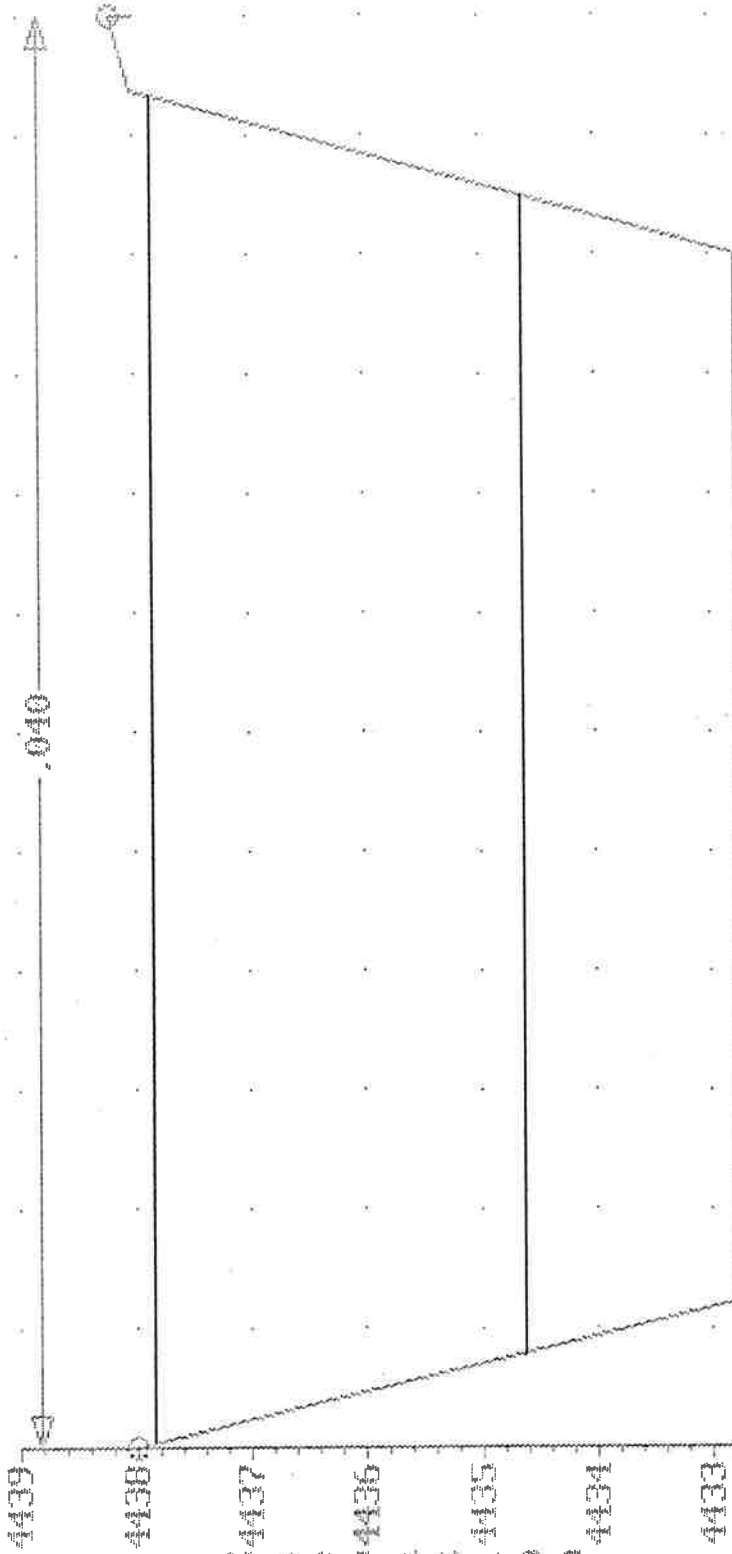
FILE MACHOK.DAT

Cross-section 9350.000



FILE MCH200K.MAT

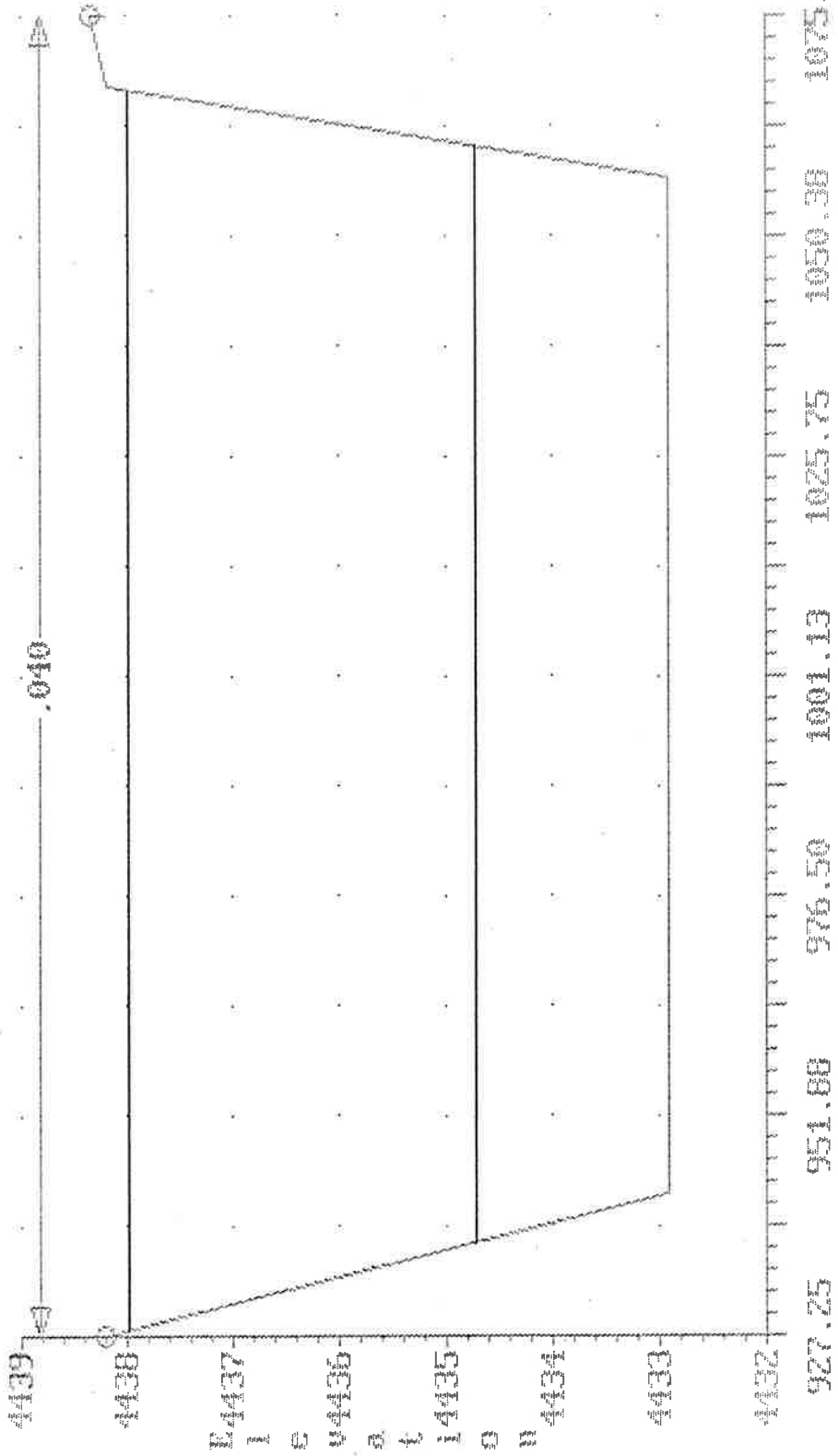
Cross-section: 9266.000



Distance	927.25	953.21	979.17	1005.13	1031.08	1057.04	1083.00

FILE WCECHUK.DAT

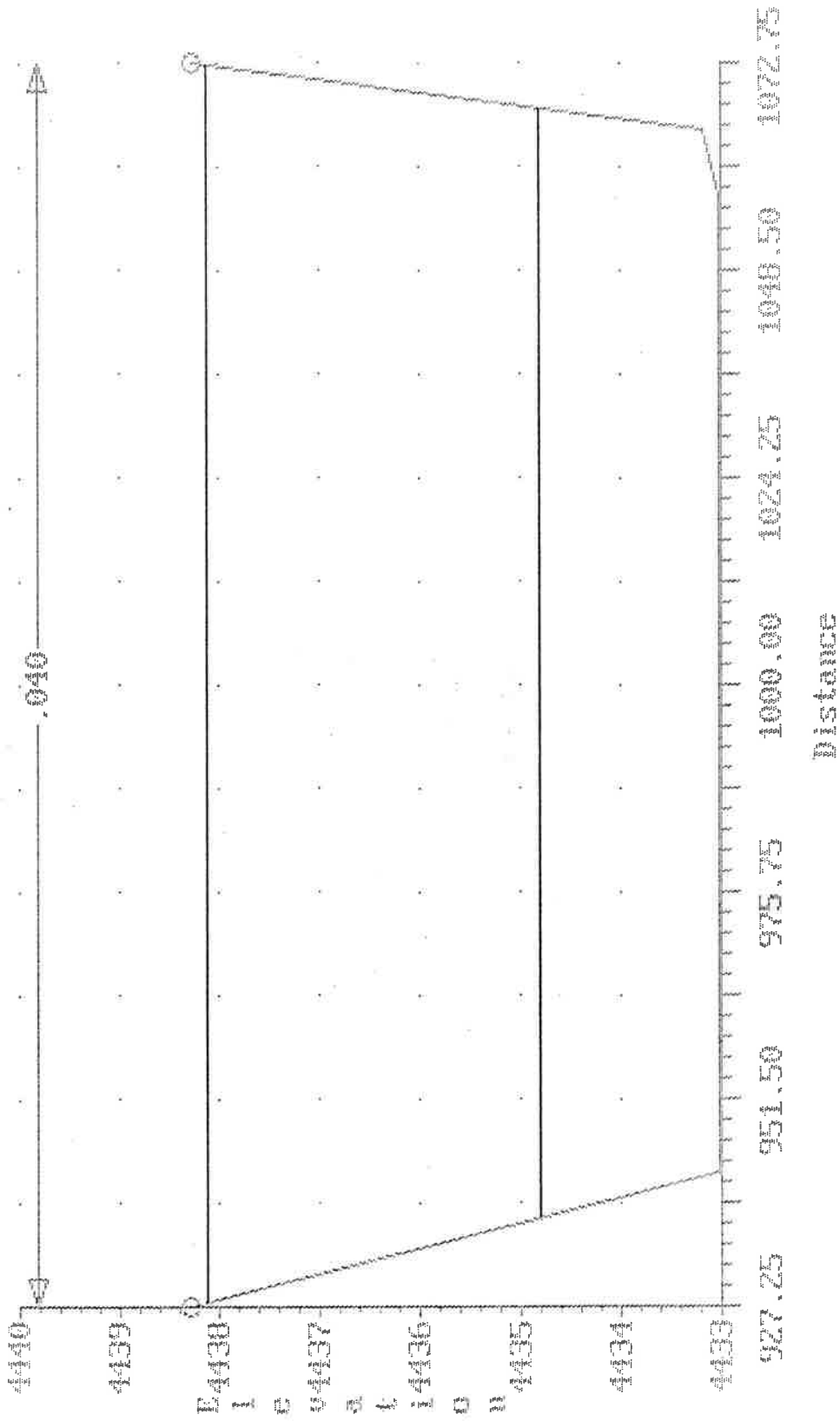
Cross-section 9200.000



Distance

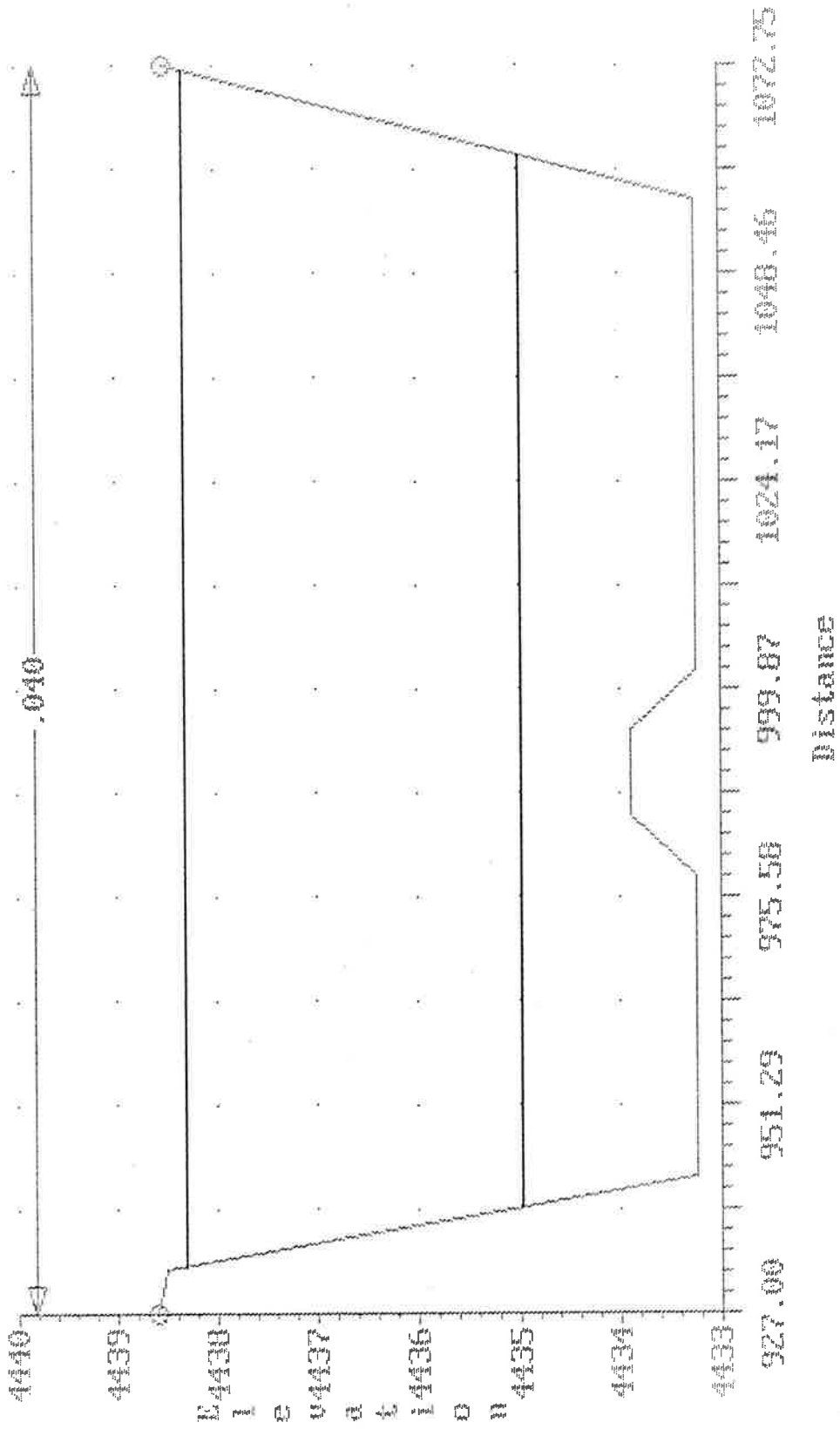
FILE NUMBER: 197

Cross-section 9150.000



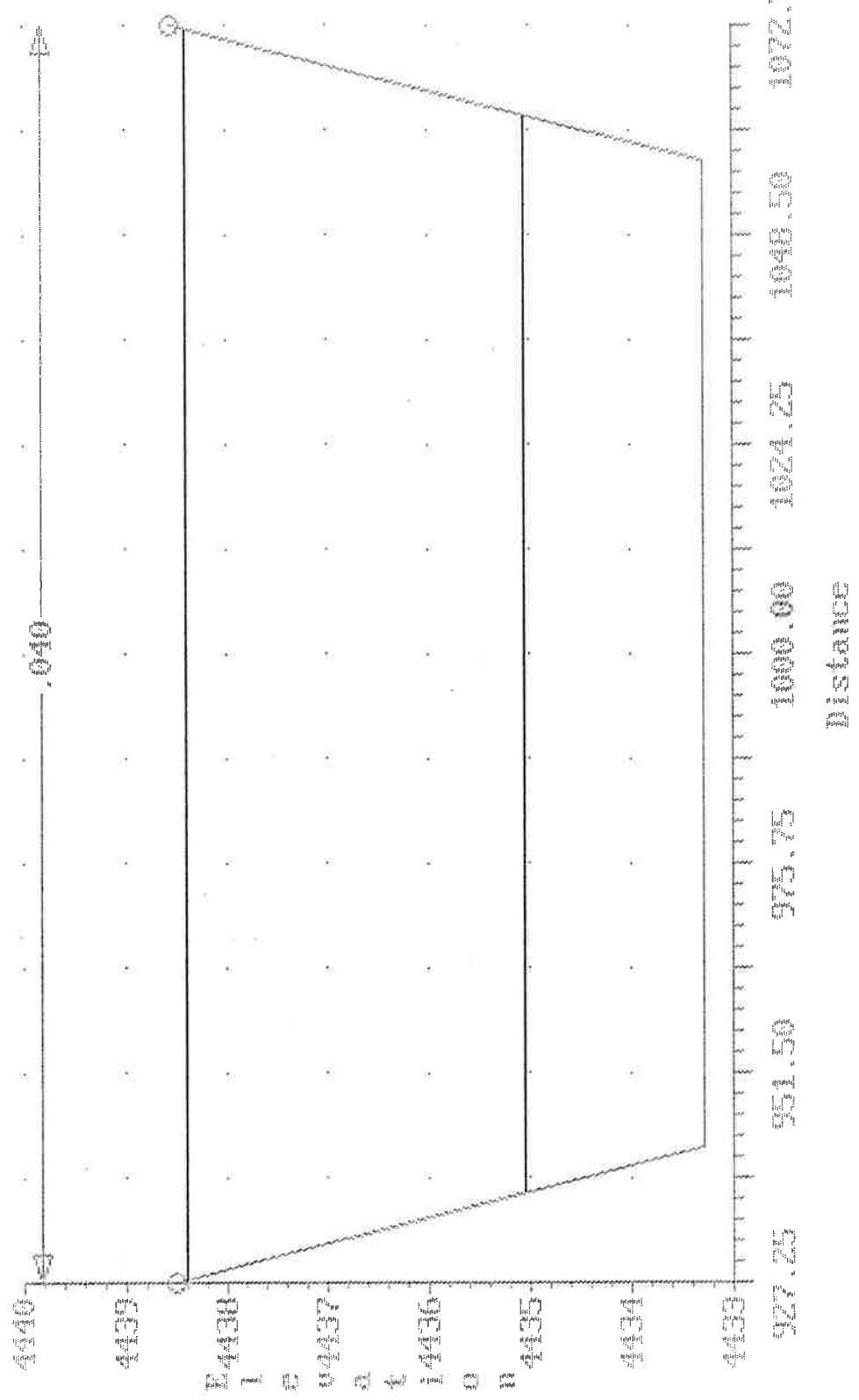
FILE CHECK.INI

Cross-section 5037.000



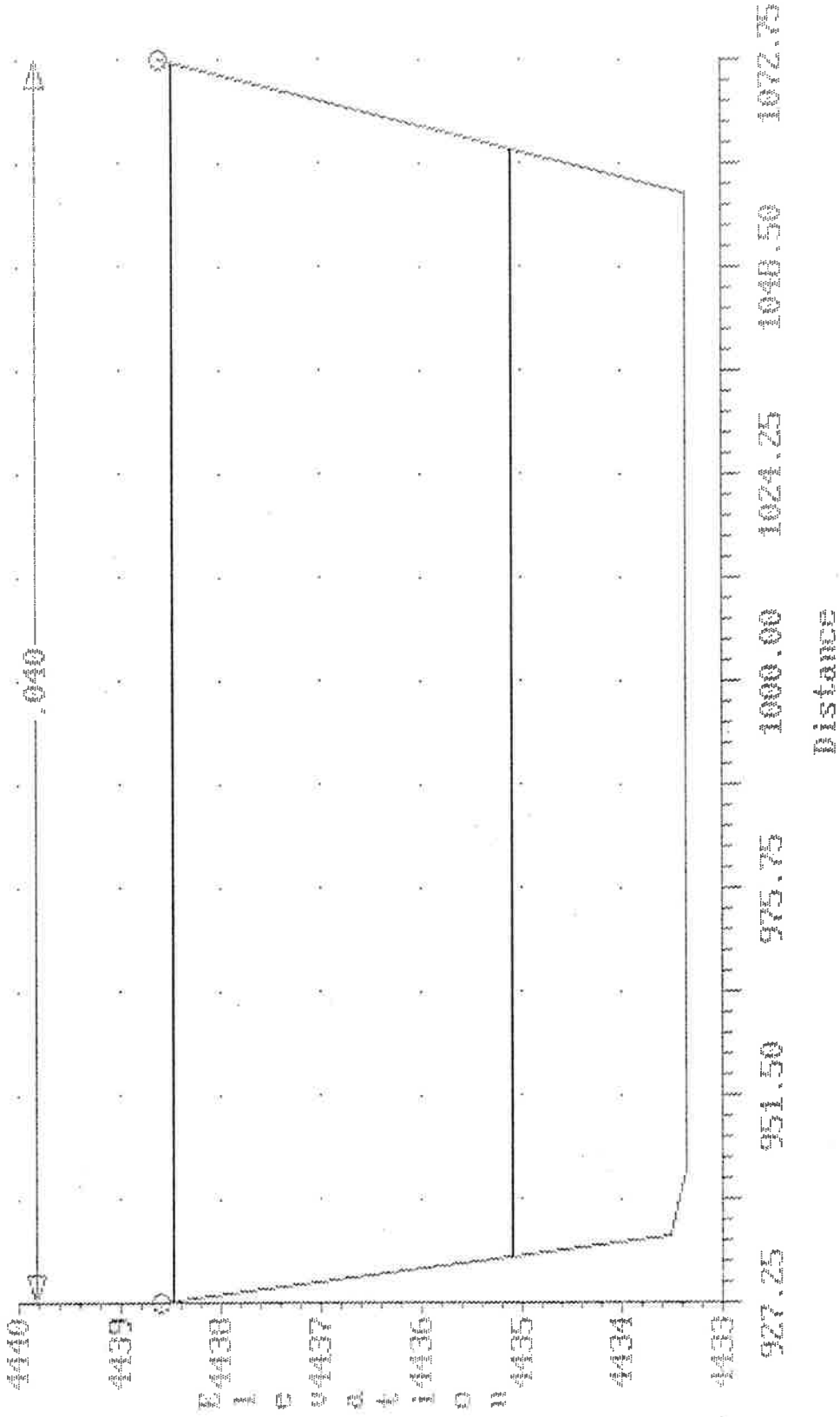
FILE CHECK.DAT

Cross-section 9012.000



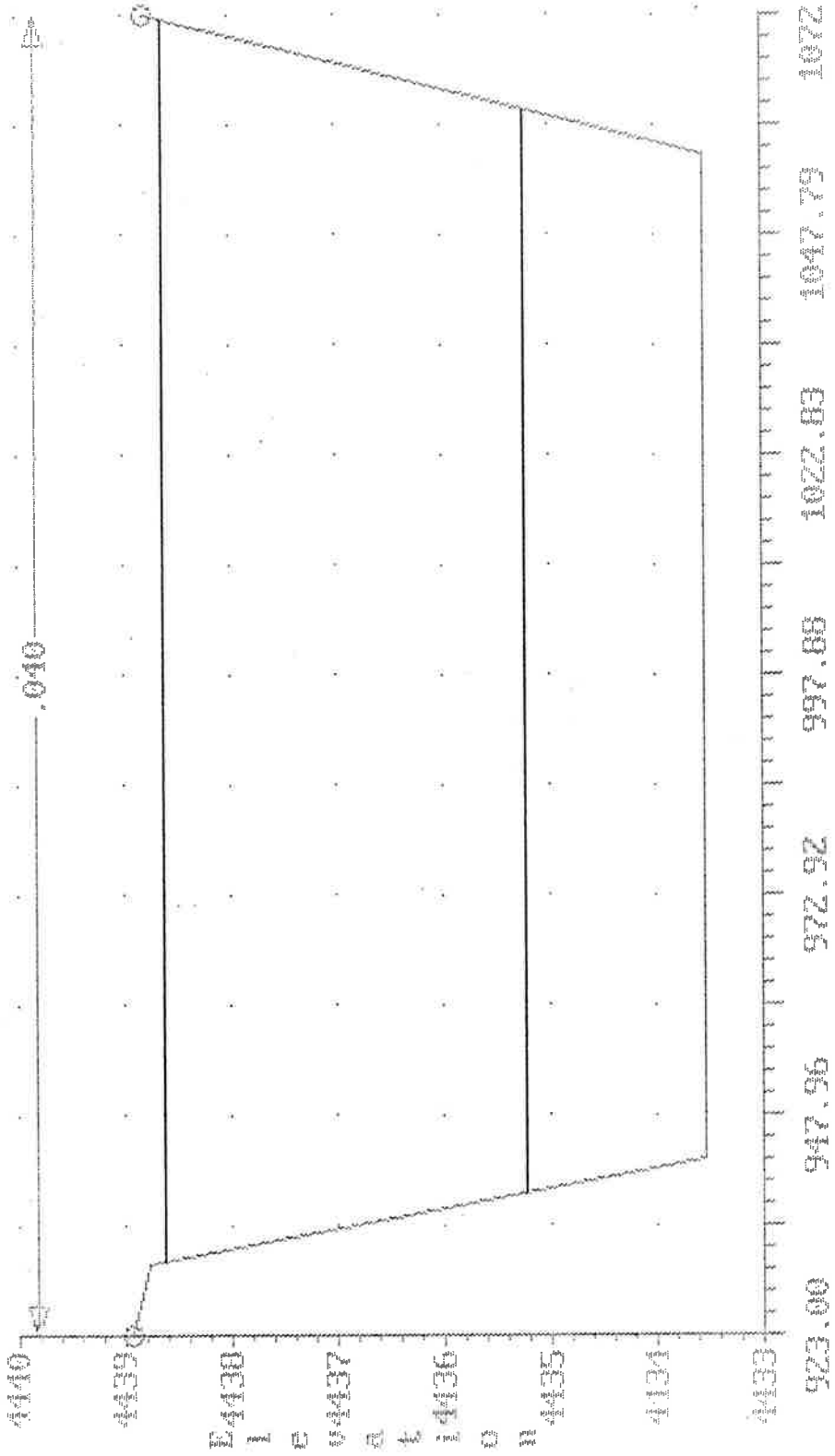
FILE MCHONK.DAT

Cross-section 0500.000



FILE WCHCHK.DAT

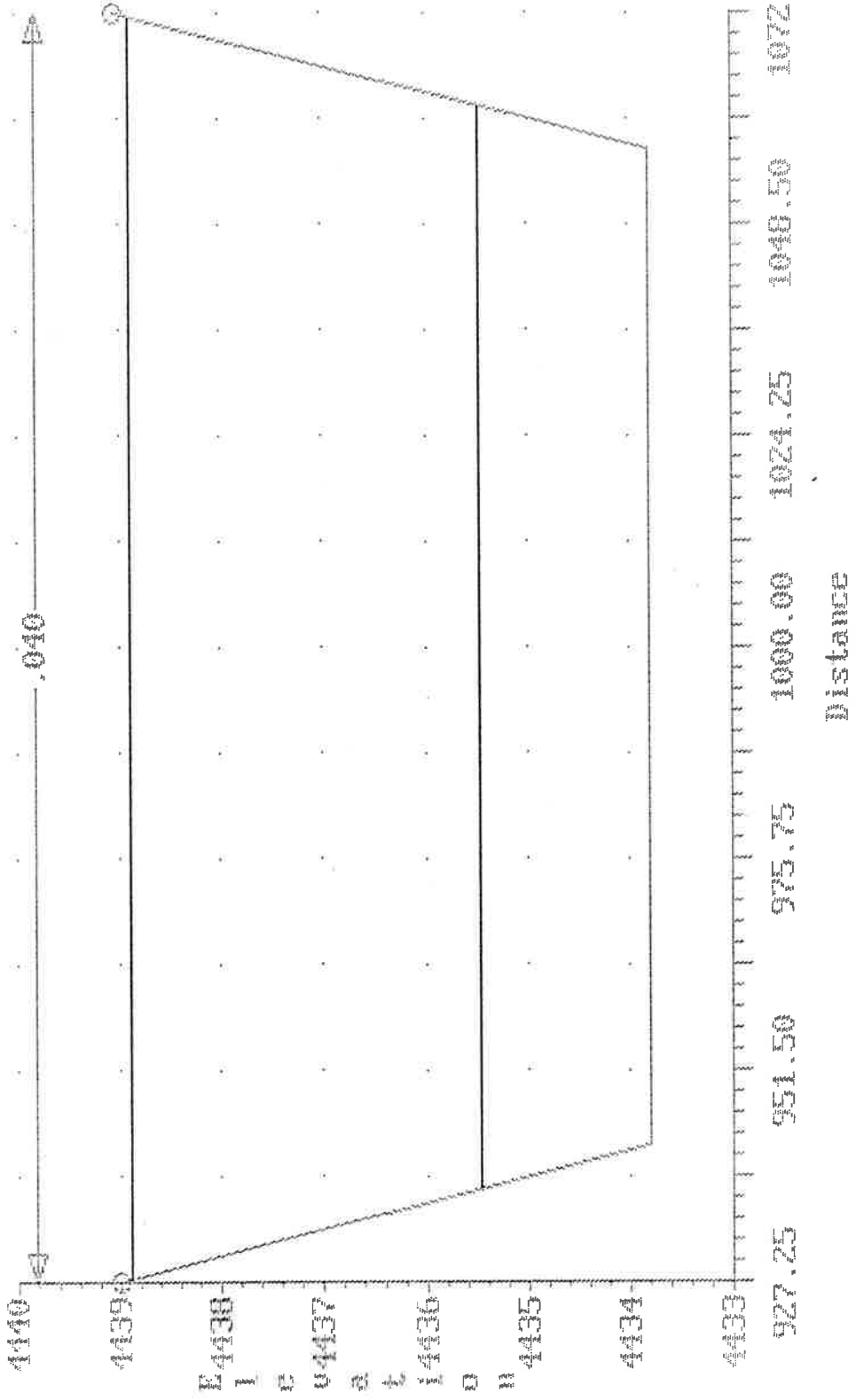
Cross-section 0900.000



Distance

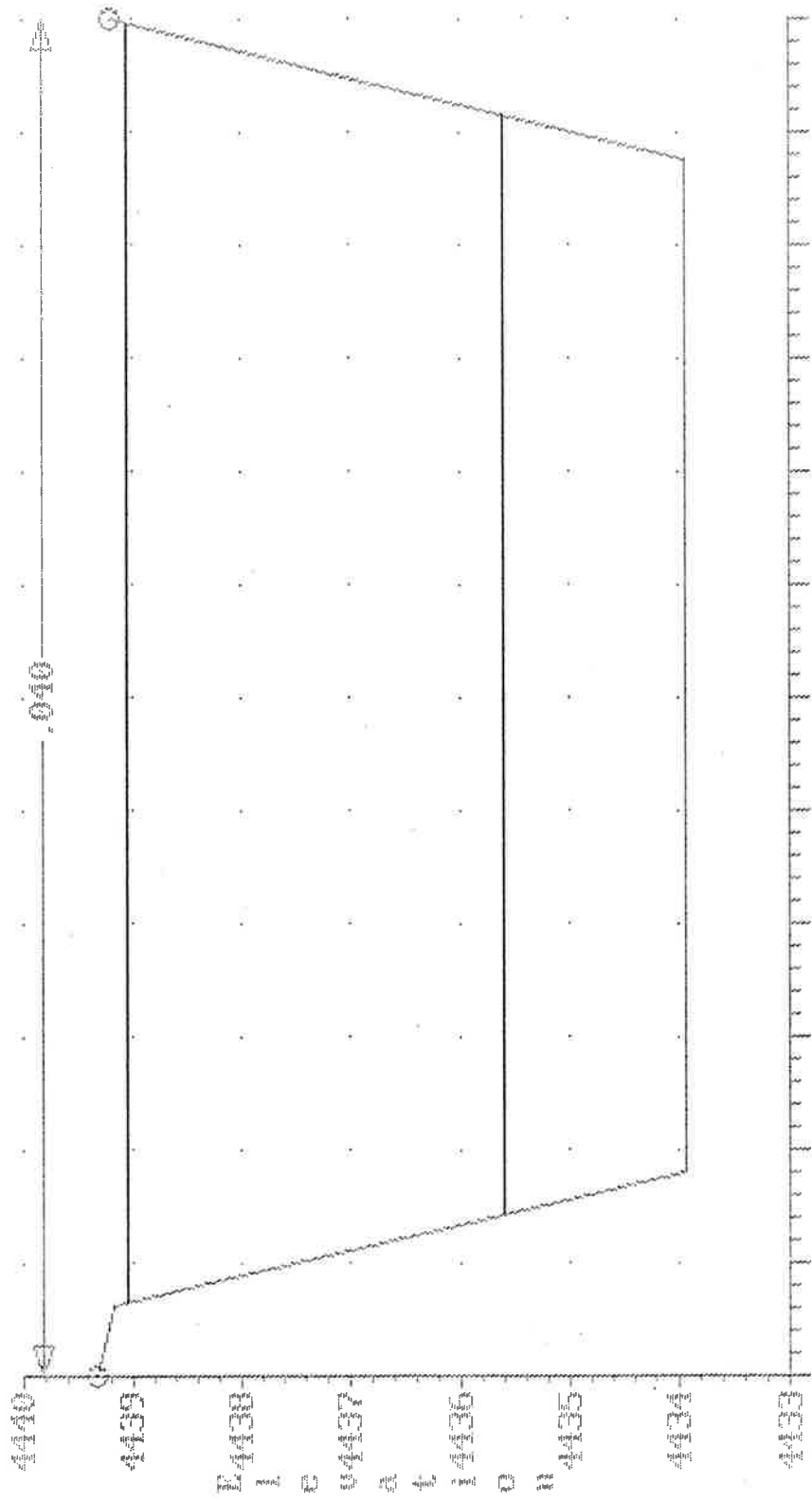
FILE NUMBER: 1A

Cross-section 0770.000



THE HOLLOWAY PA

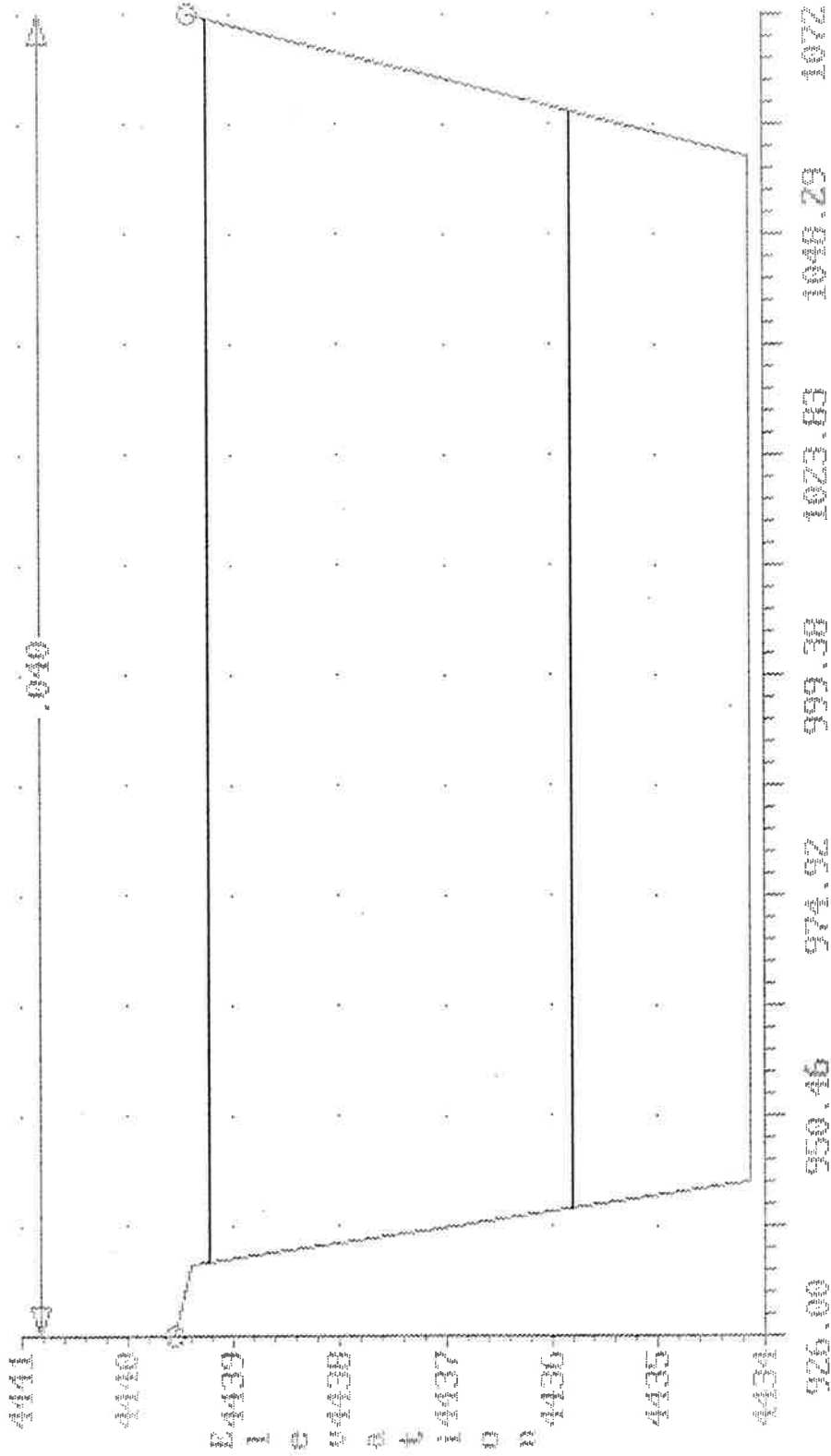
Cross-section 8700.000



Distance	920.00	945.46	970.92	996.38	1021.83	1047.29	1072.75

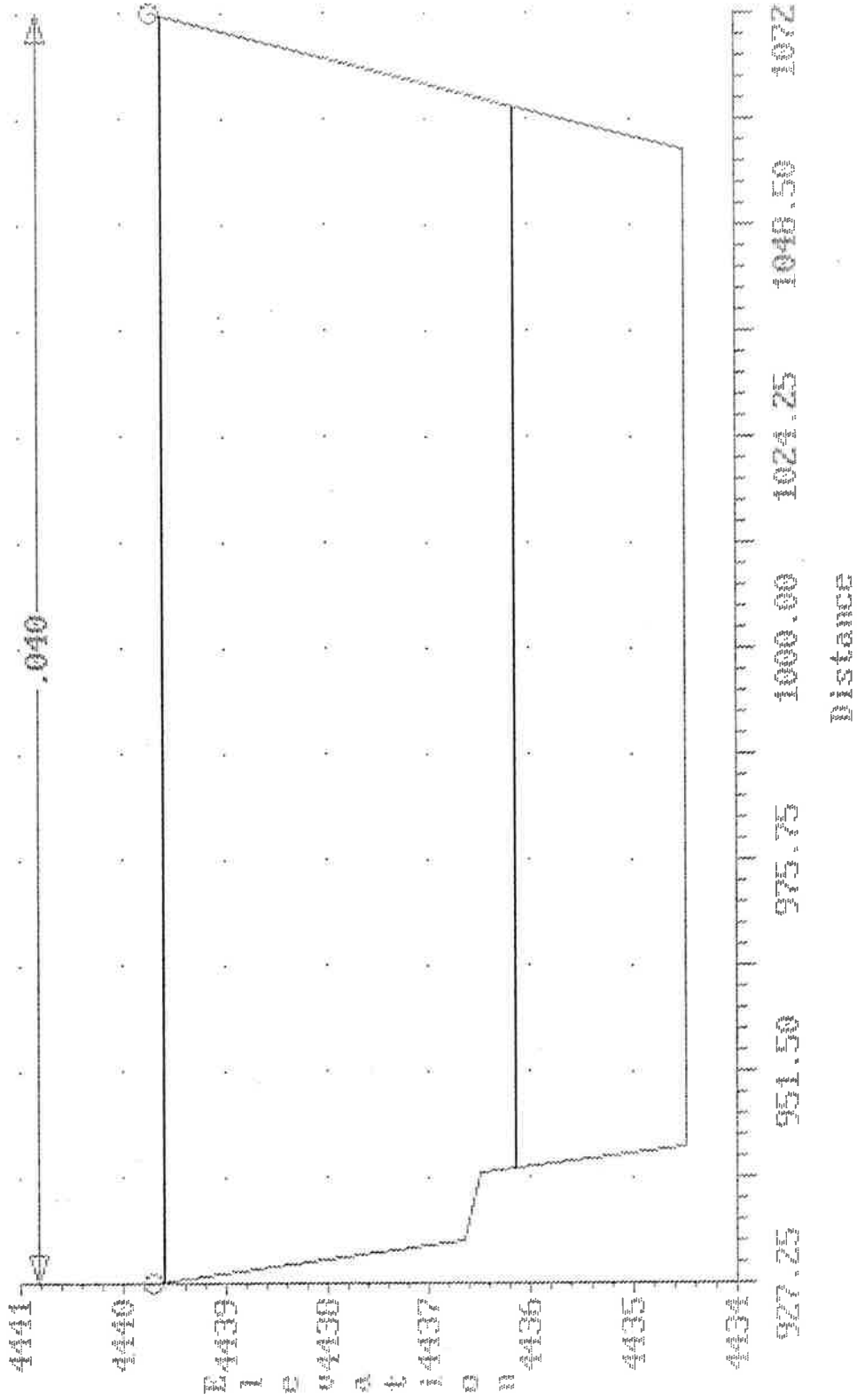
FILE NUMBER: 2000

Cross-section 0000.000



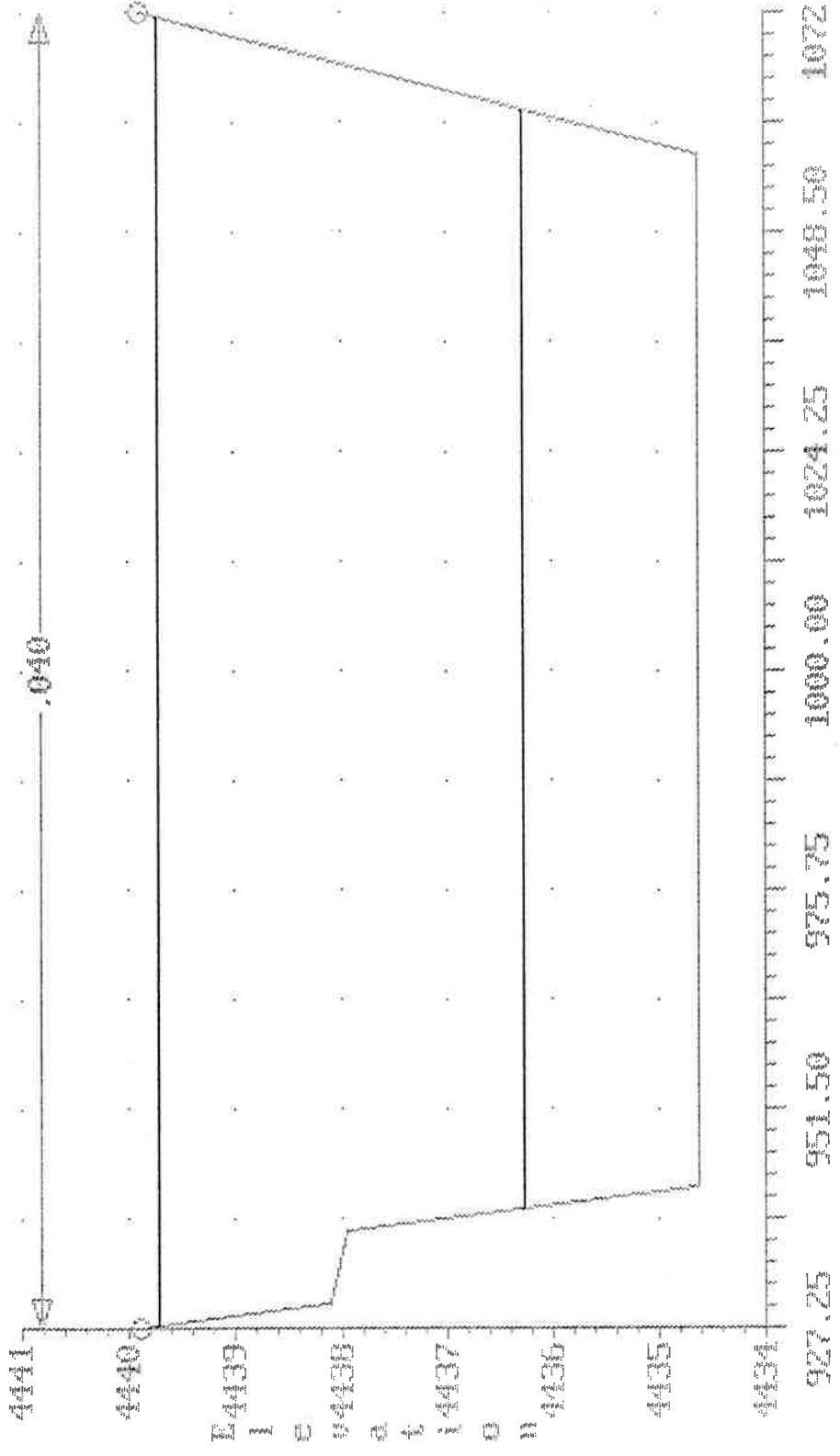
FILE WENCH.MF

Cross-section B425.000



FILE MARCH.DAT

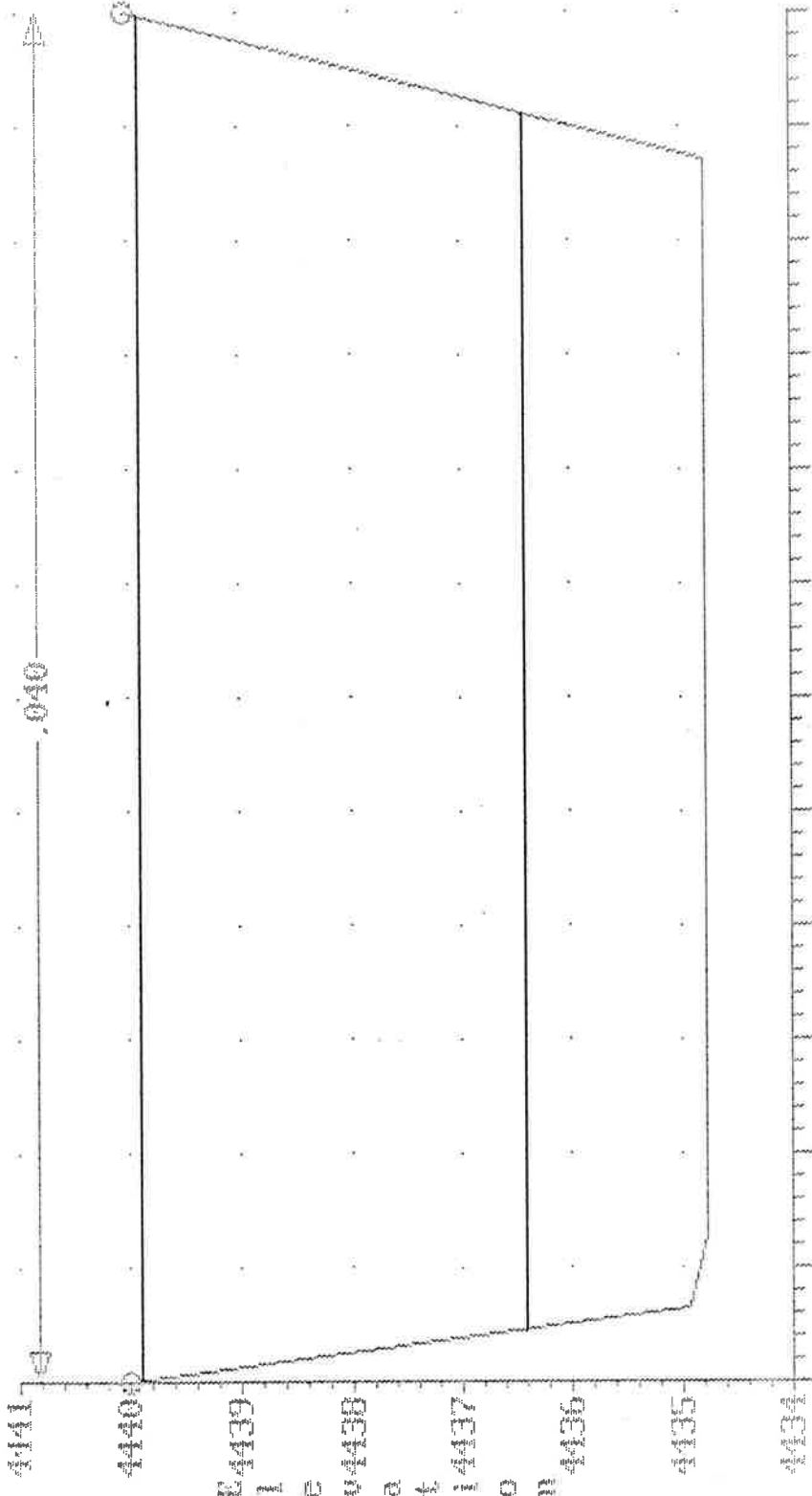
Cross-section 0350.000



Distance

FILE MCHCHK.BAT

Cross-section 8290.000

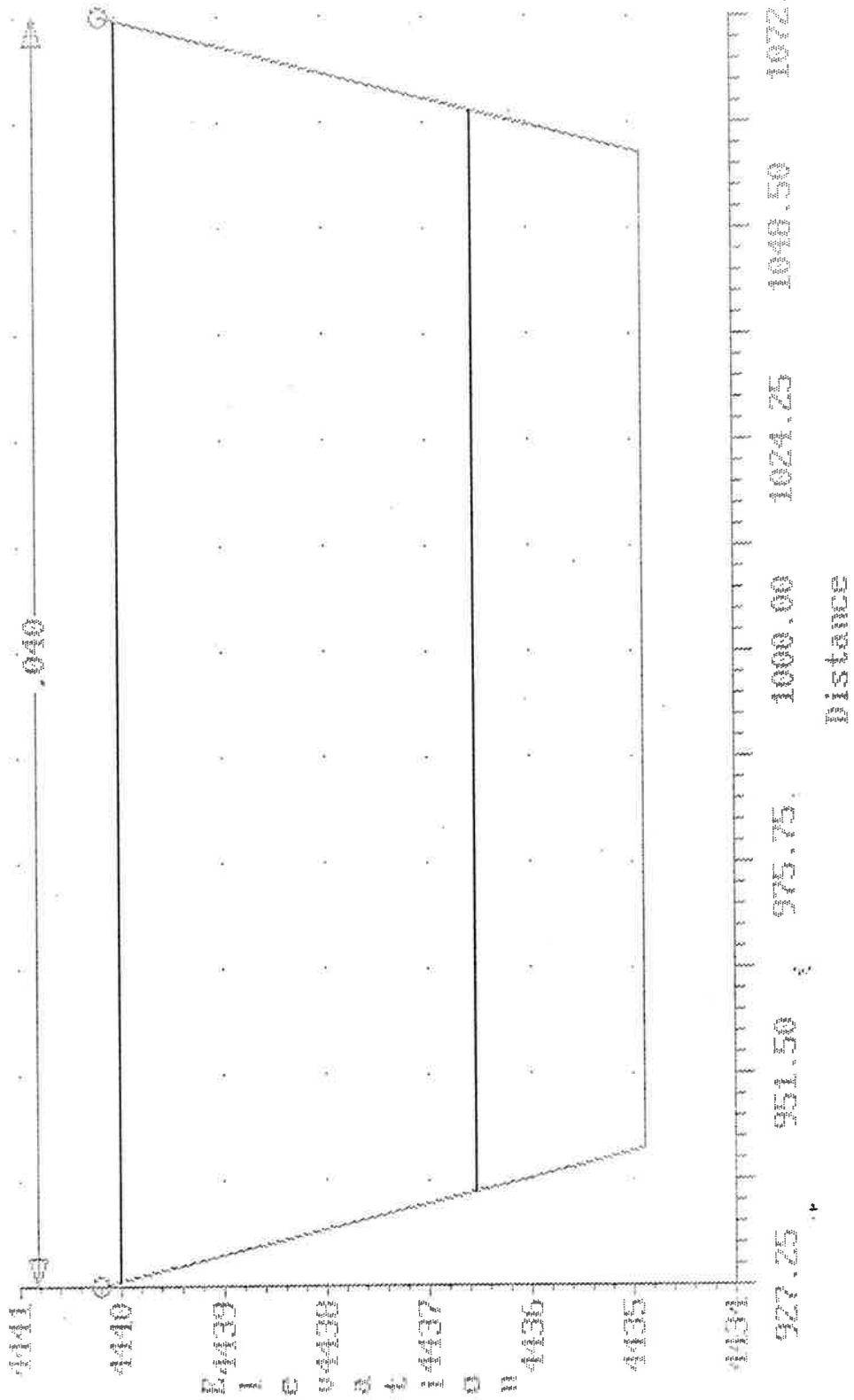


Distance	927.25	951.50	975.75	1000.00	1024.25	1048.50	1072.75
4441							
4440							
4439							
4438							
4437							
4436							
4435							

Distance

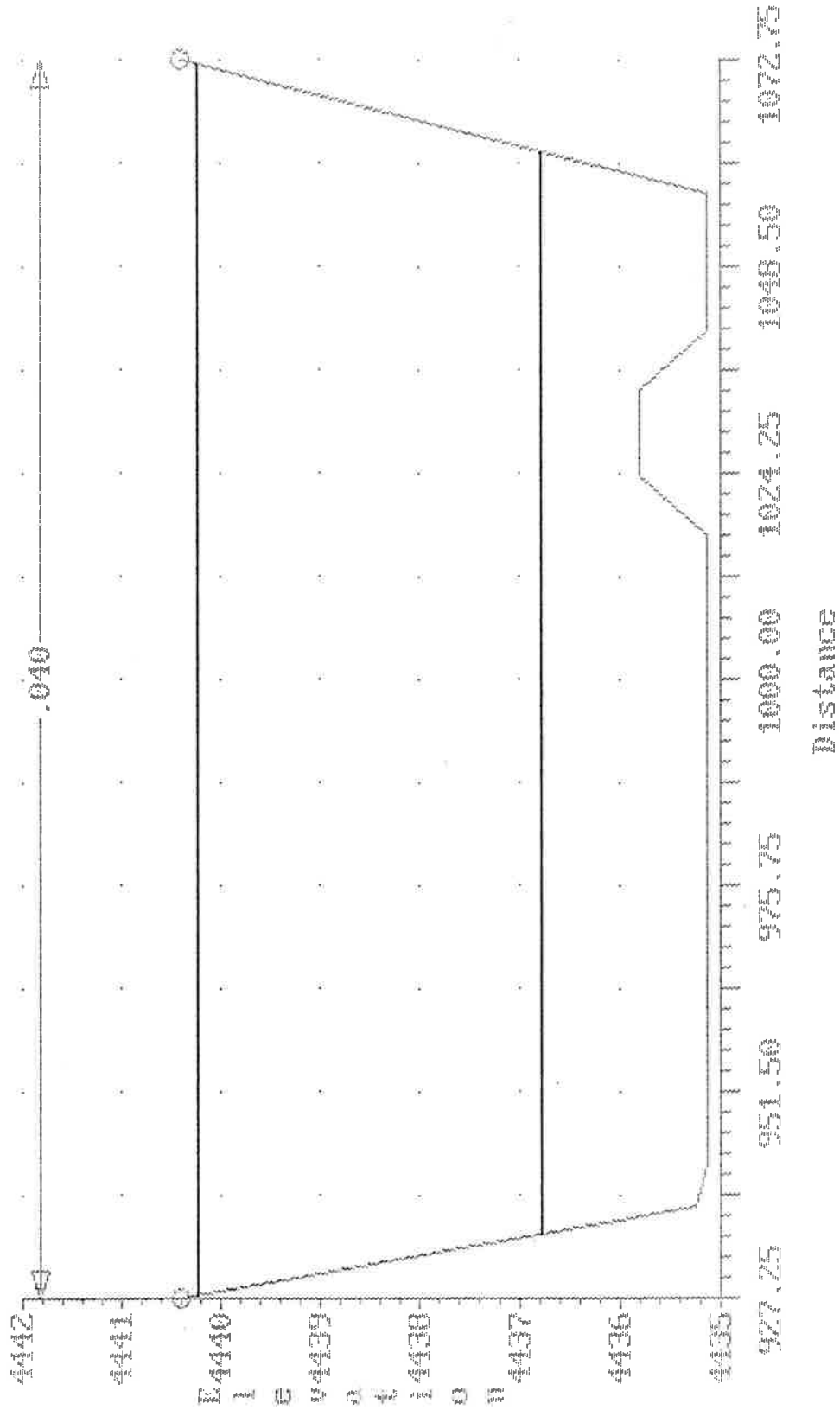
FILE MDCCHK.DAT

Cross-section 8225.000



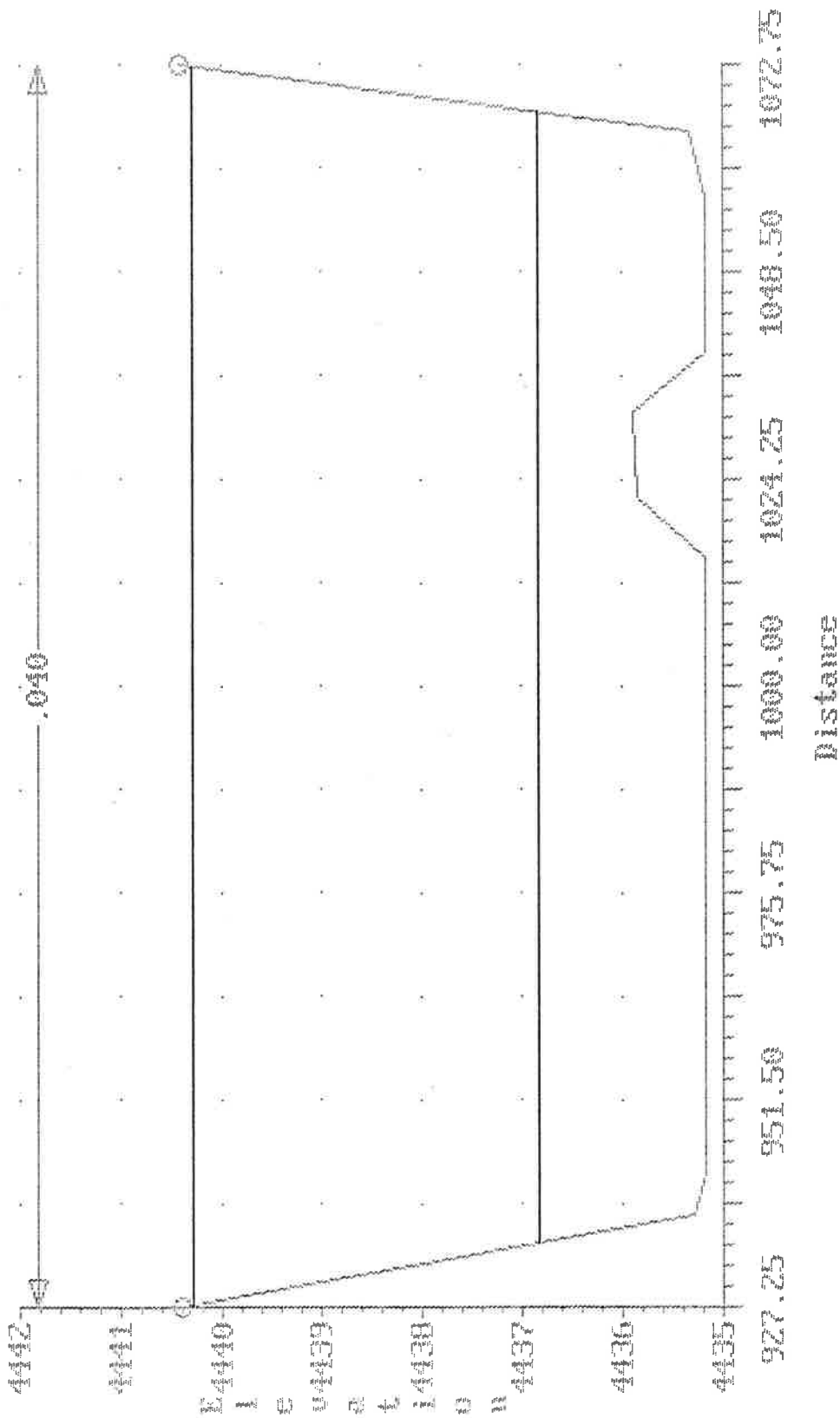
FILE MUCKER.DAT

Cross-section 0110.000



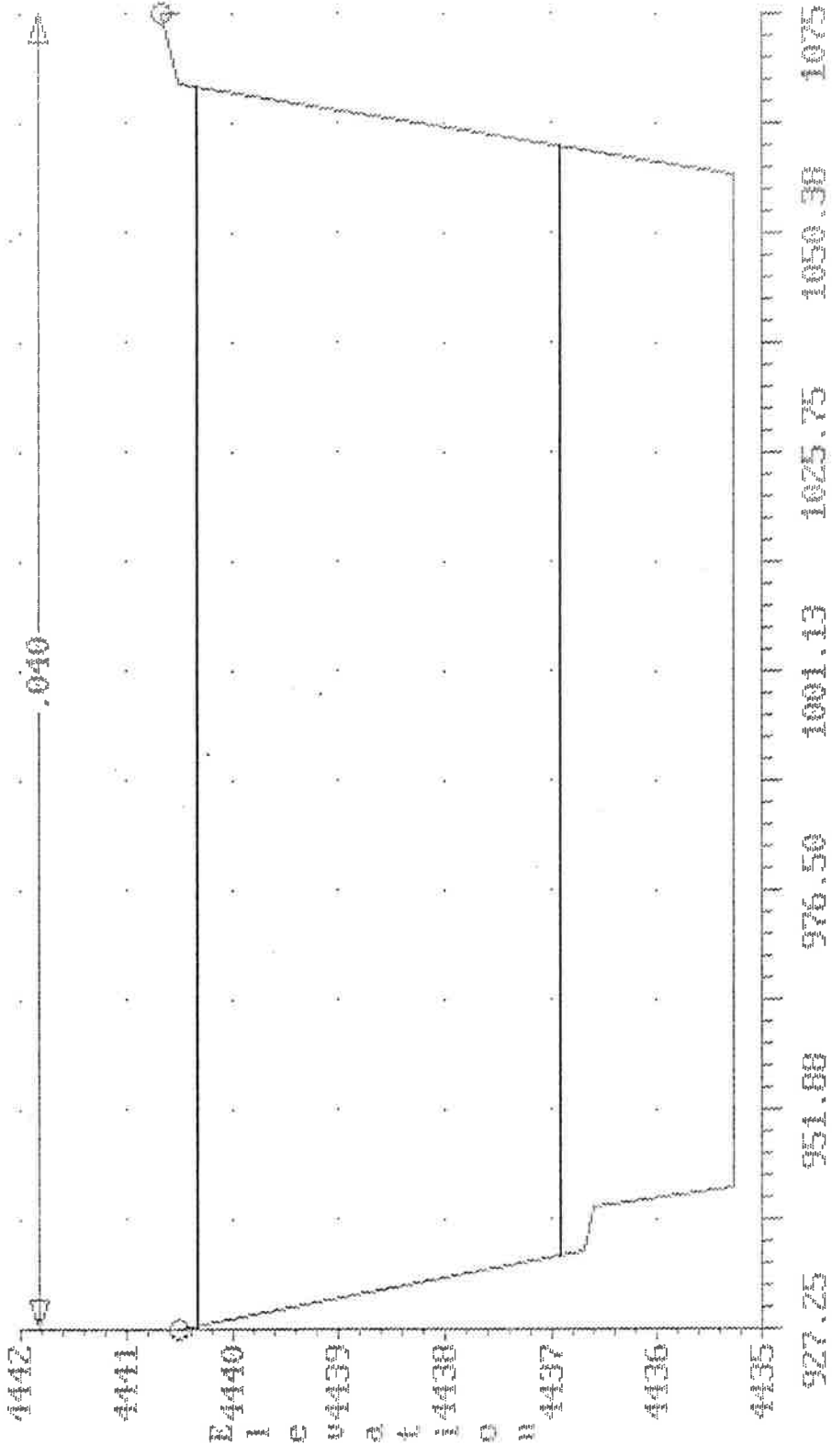
FILE NUMBER: 101

Cross-section 1000.000



FILE WCHECK.DAT

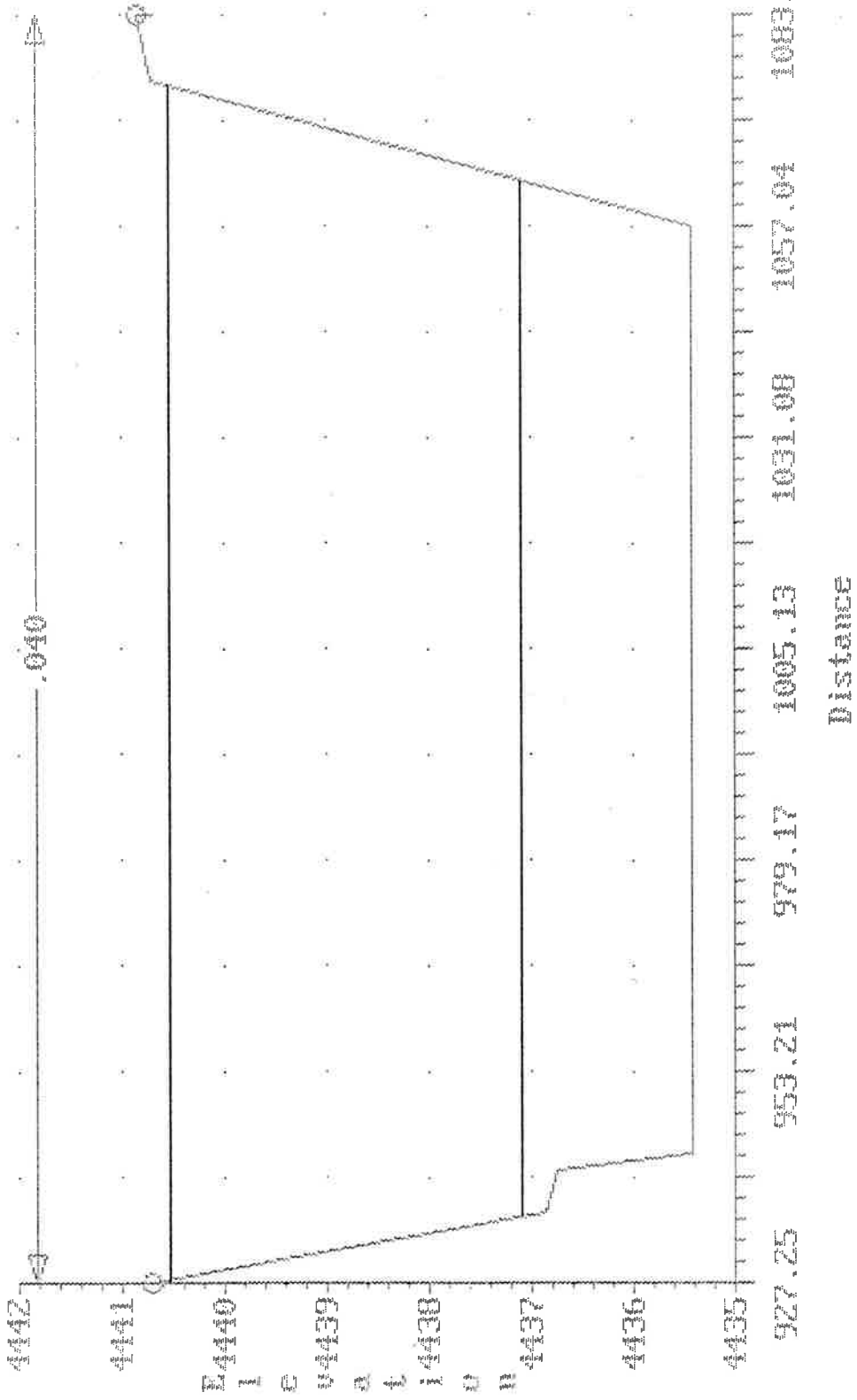
Cross-section 0050.000



Distance

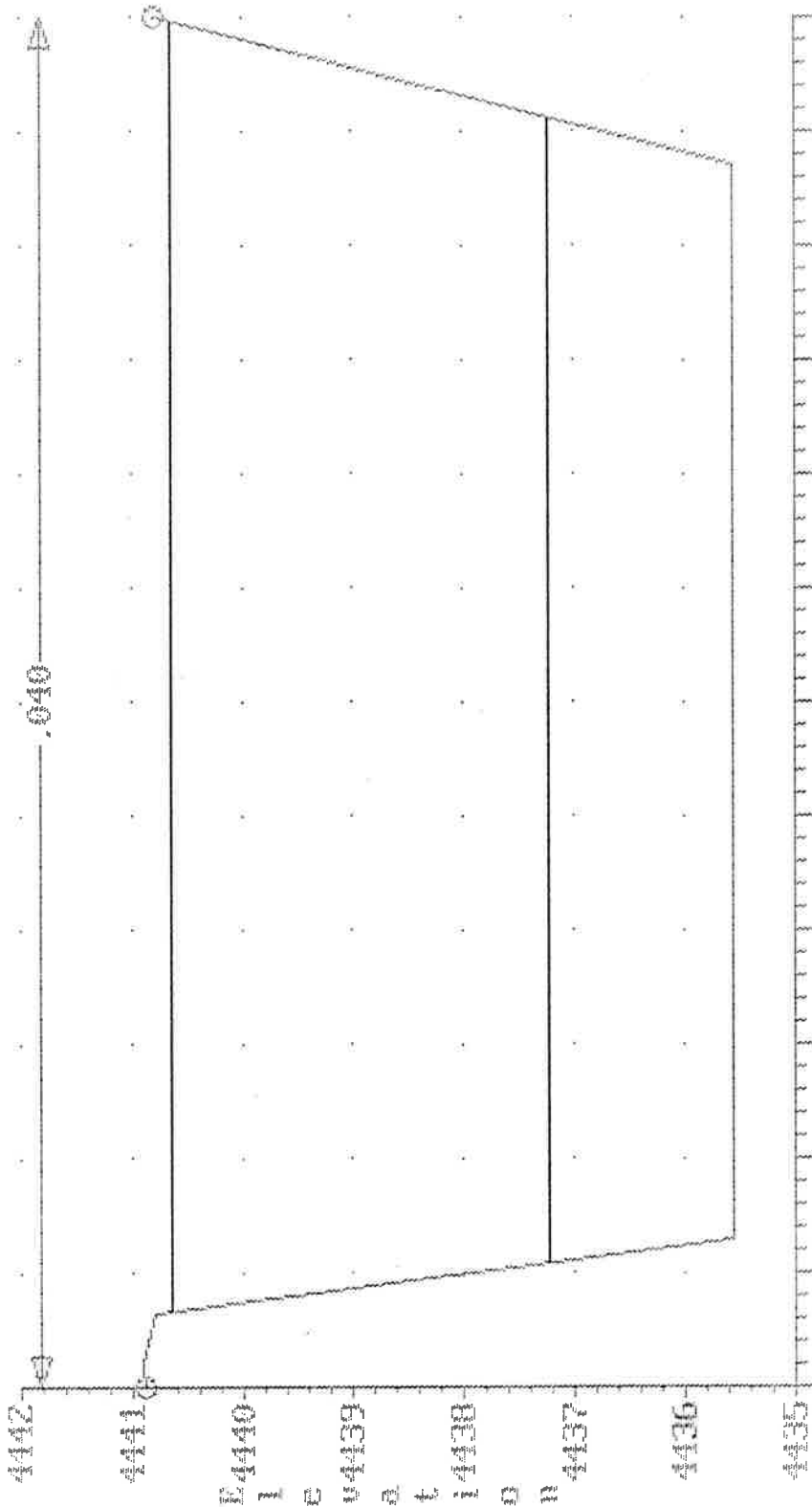
FILE WMECH01.DAT

Cross-section 7965.000



FILE NUMBER: PA

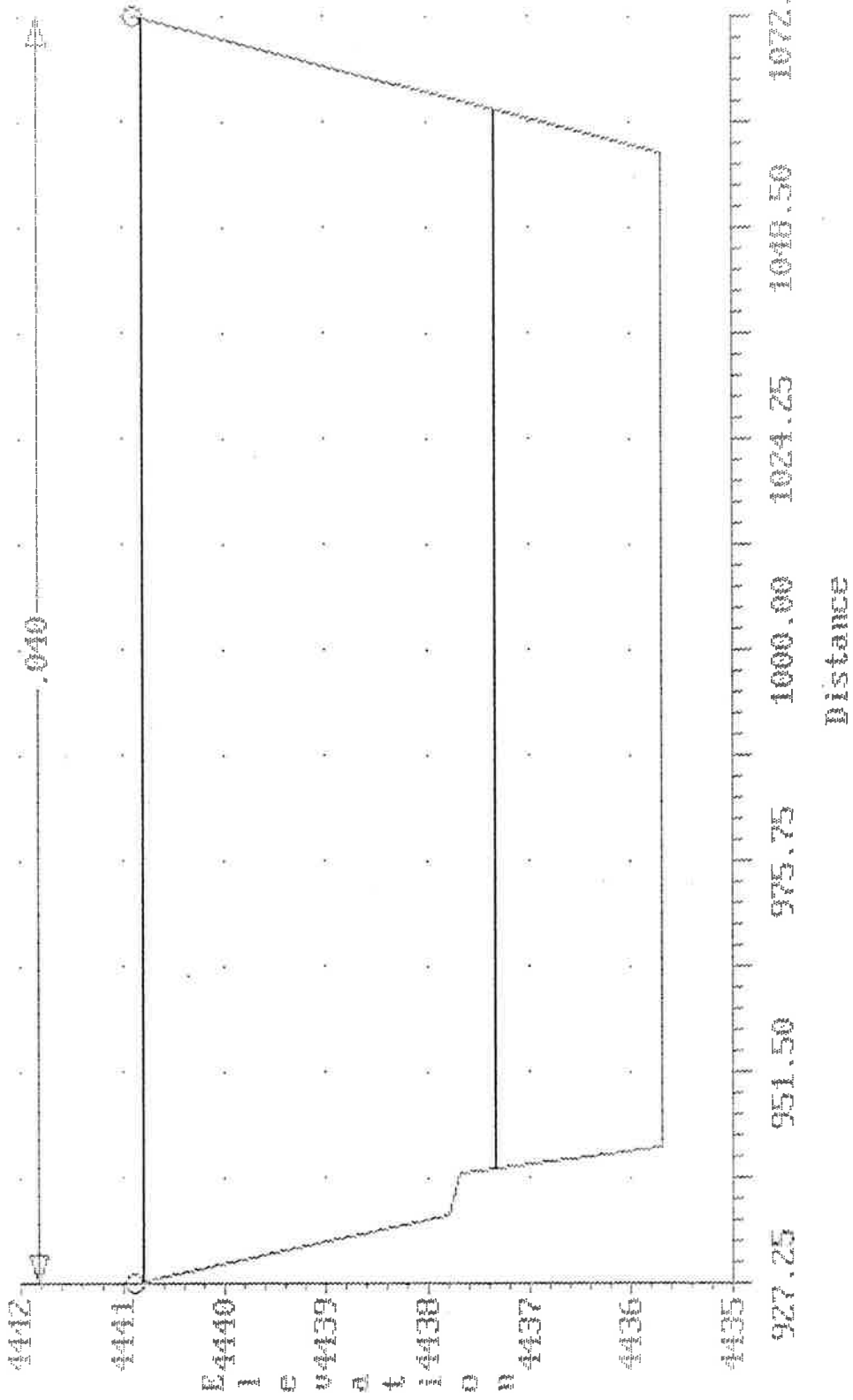
Cross-section 750.000



Distance

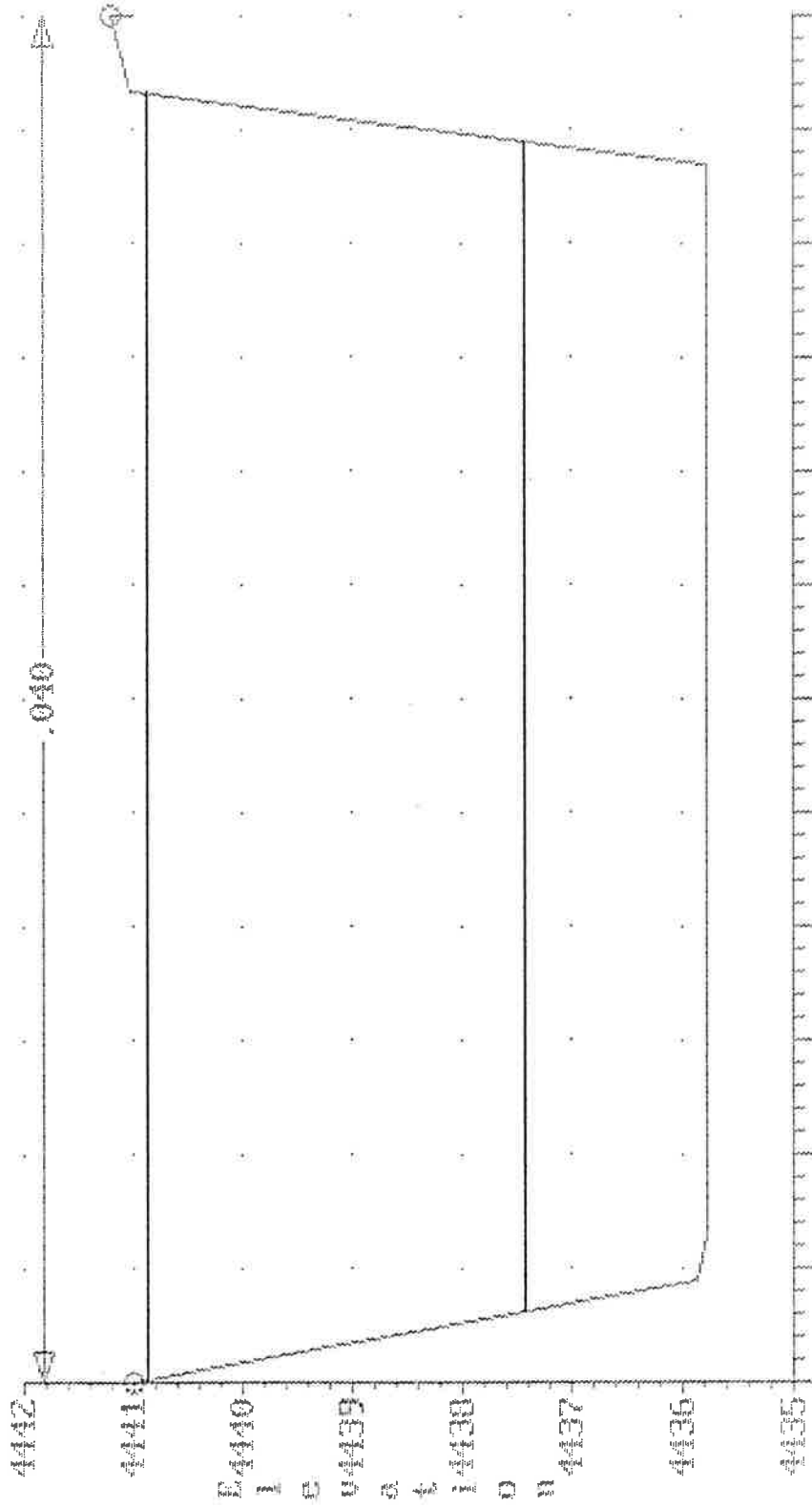
FILE MACHINES.DAT

Cross-section 7036.000



FILE CHECK.PAT

Cross-section 700.000

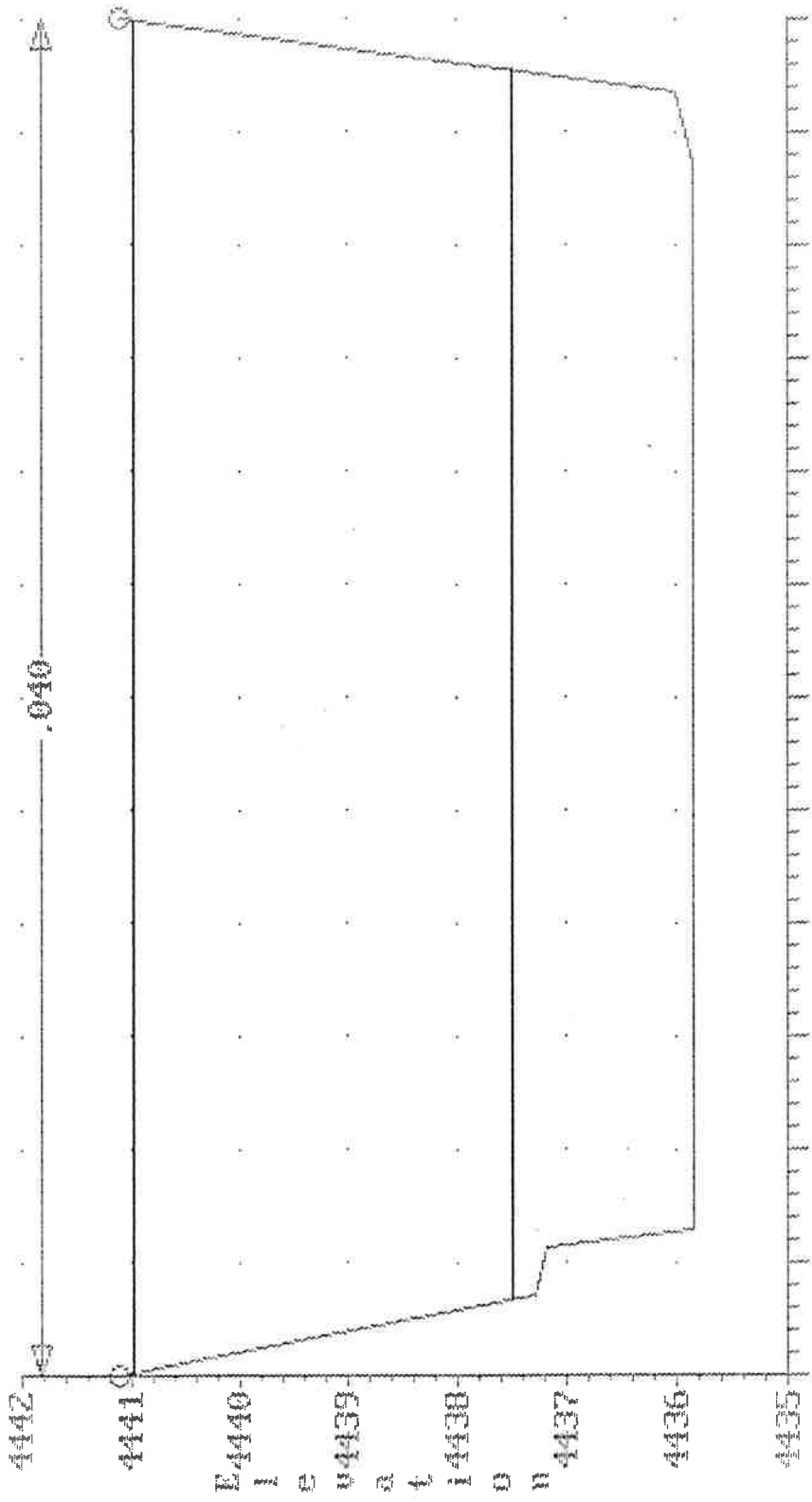


927.25	951.54	975.83	1000.12	1024.42	1048.71	1073.00
--------	--------	--------	---------	---------	---------	---------

Distance

FILE CHECK.MIT

Cross-section 7760.000

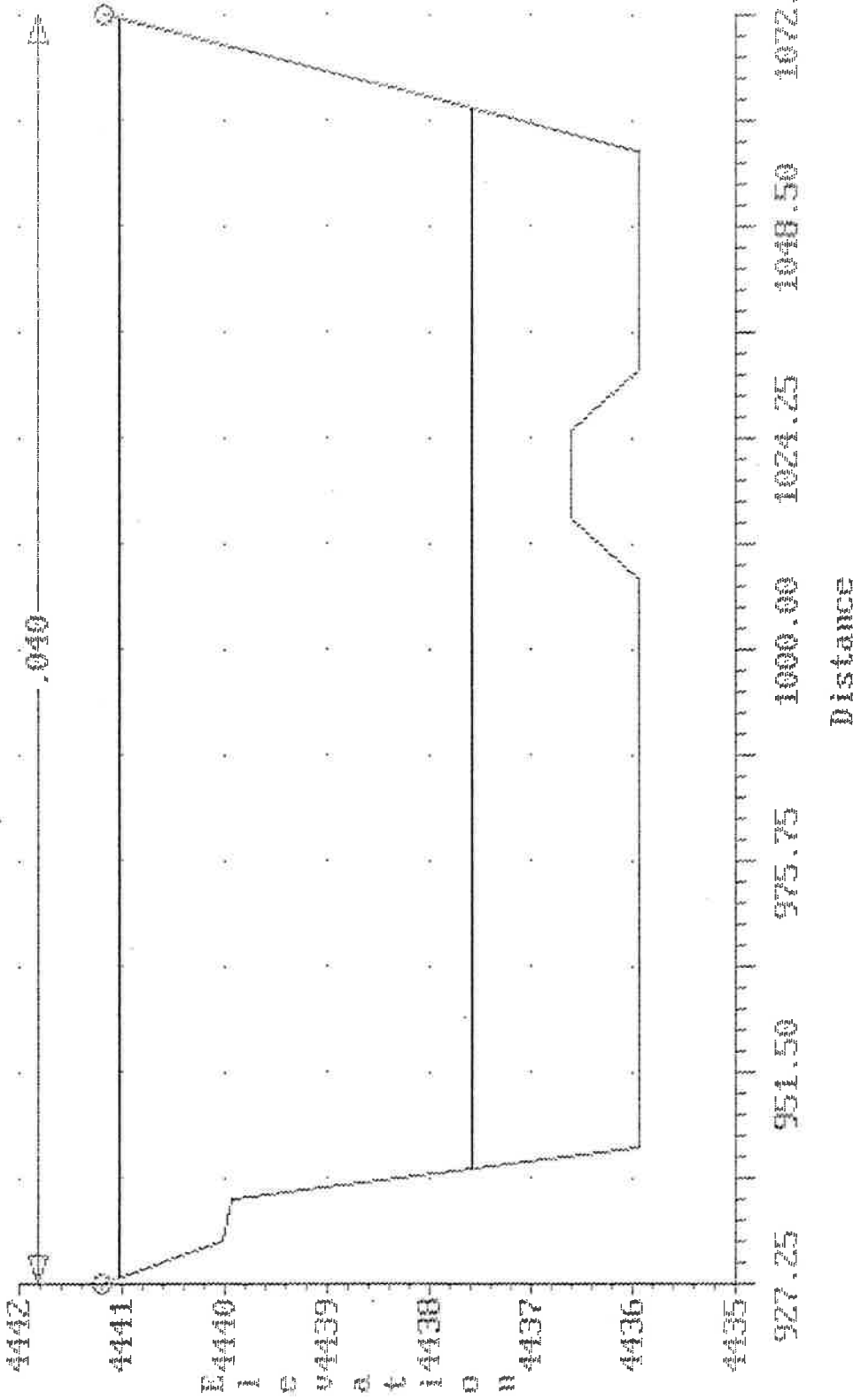


4442
0.040
4441
E4440
v4439
I4438
4437
4436
4435
927.25 951.50 975.75 1000.00 1024.25 1048.50 1072.75

Distance

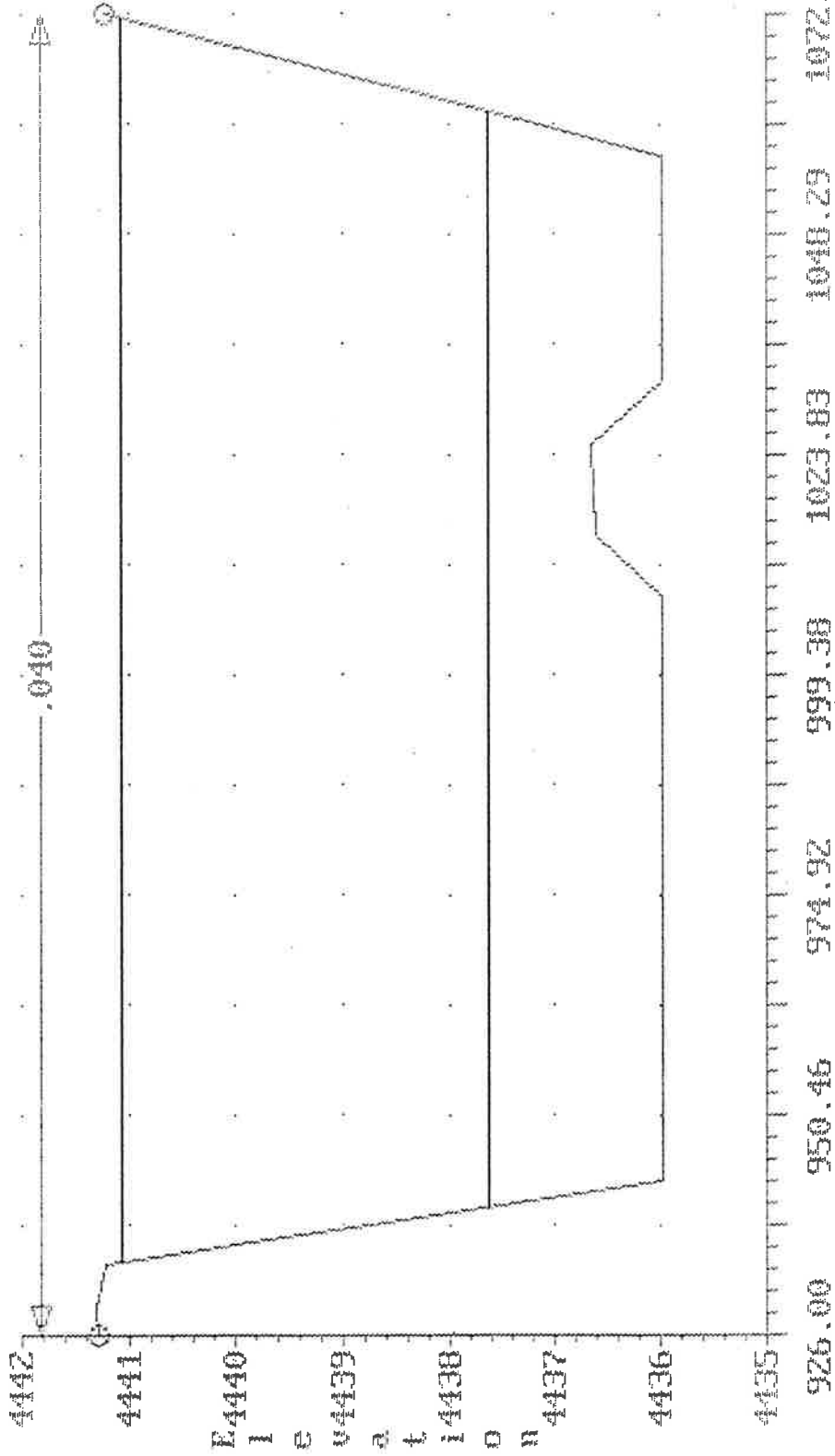
FILE CHECK.DAT

Cross-section 7718.000



FILE VICECHK.DAT

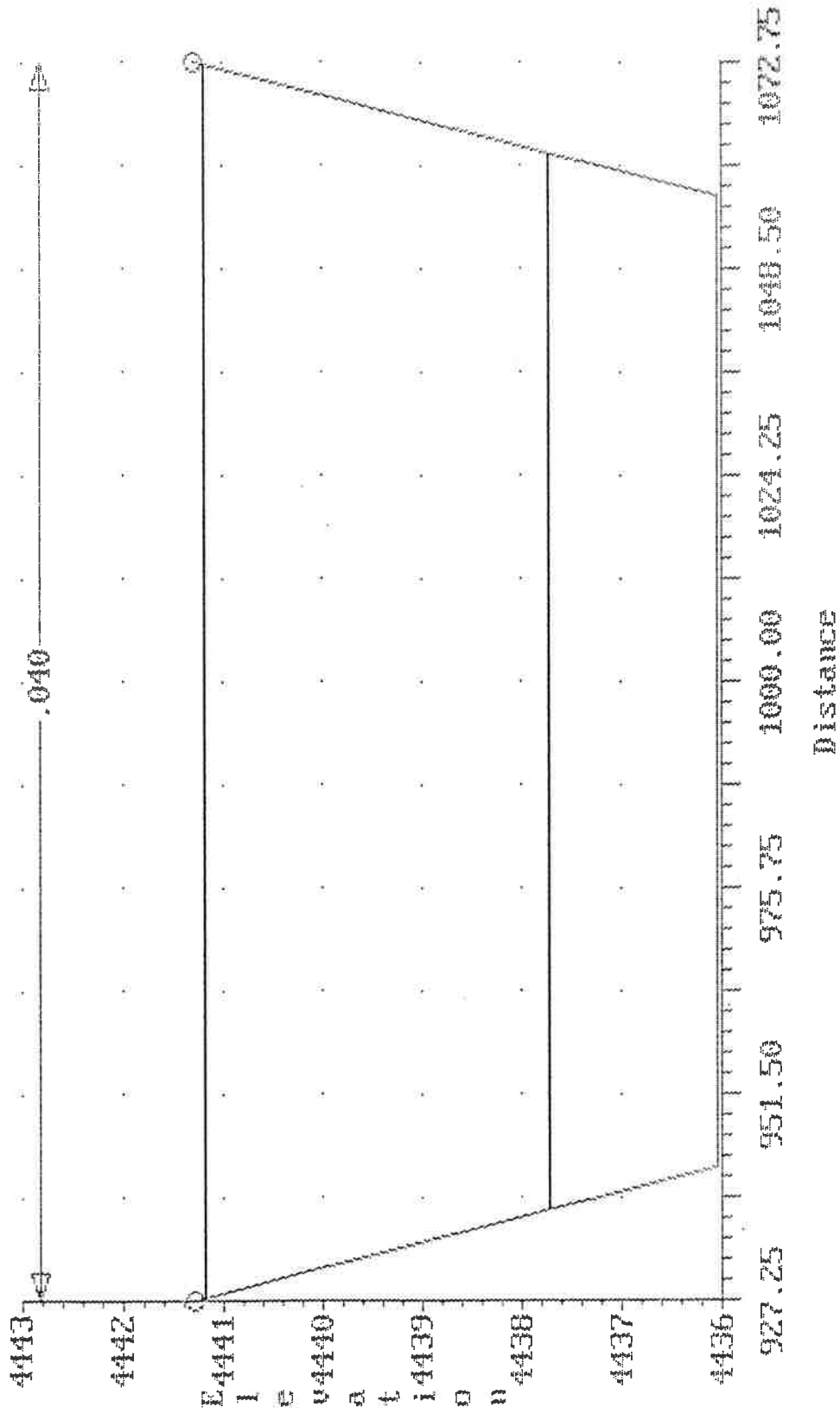
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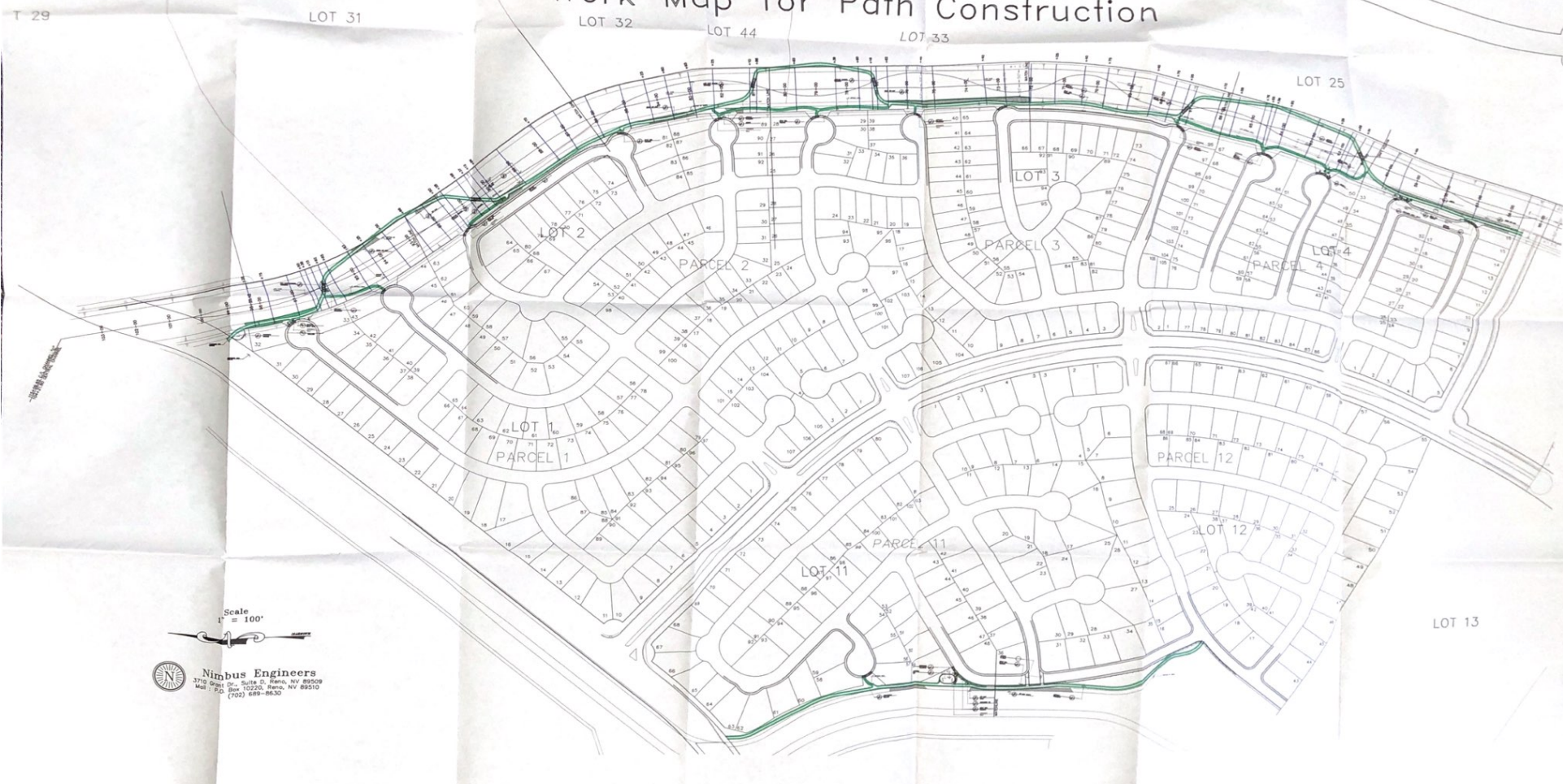
Distance

FILE WNCENCHK.DAT

Cross-section 7662.0000



Whites Creek Central Channel Work Map for Path Construction



T 29

LOT 31

LOT 32


LOT 44

LOT 33

LOT 25

LOT 13

Scale
1" = 100'

 **Nimbus Engineers**
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