

HWY 96

RICE ST TO McMENEMY



MINN. PROJ. NO.

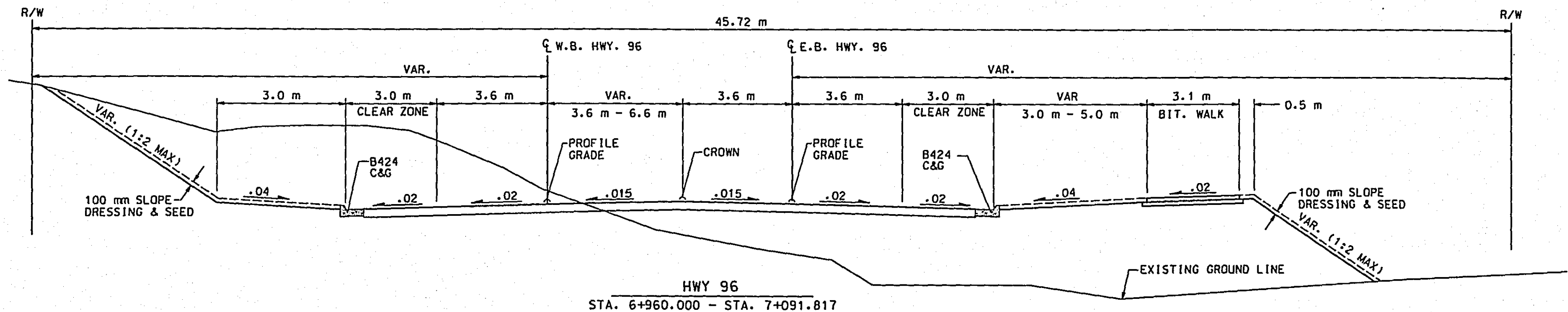
STATE AID PROJ. NO. 62-696-16 CTB SHEET NO. 1 OF 14 SHEETS



15/31/27

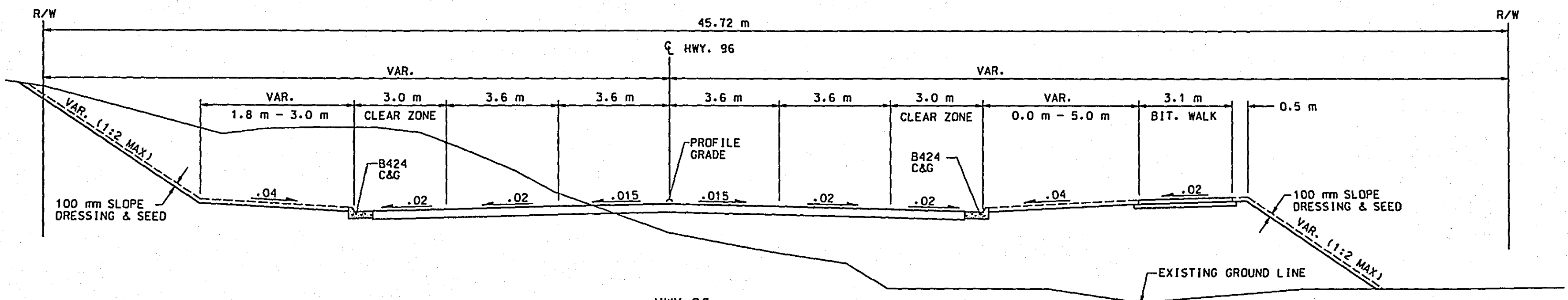
29 OCT 98

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HWY 96
STA. 6+960.000 - STA. 7+091.817

FOR R/W PLAN ONLY
NOT FOR CONSTRUCTION



HWY 96
STA. 7+091.817 - STA. 7+880.000

28-166

HWY 96
STA. 6+880.000 - STA. 7+880.000

DRAWING STATUS	DRAWN	DESIGN	CHECKED	DATE	DESCRIPTION	ENGINEER	ARCHITECT	PLANNER	FILE NO.	2
									RAMSE9601.03	14

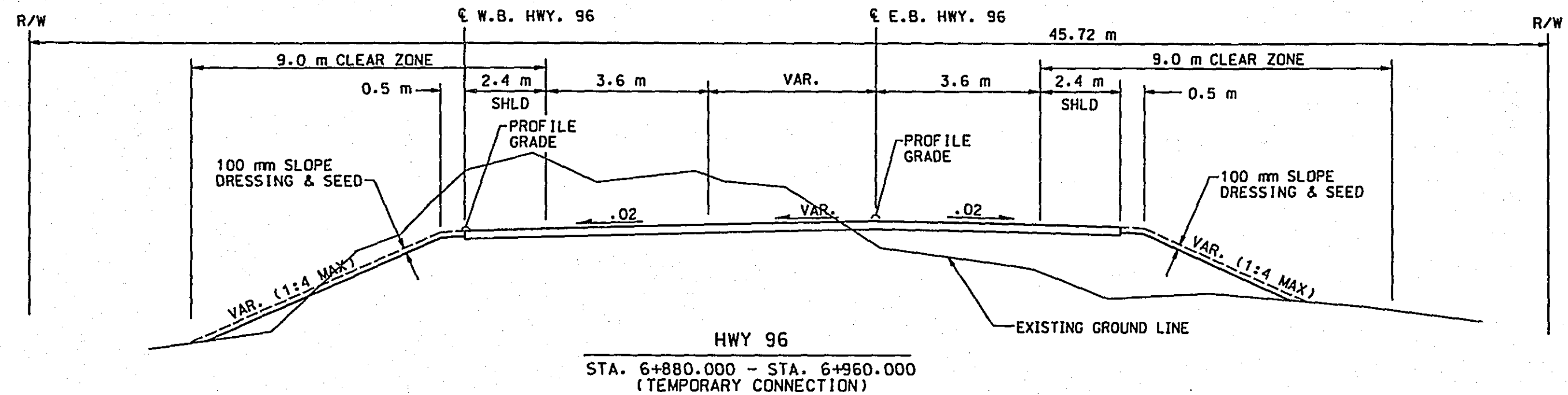
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

Nancy T. Daubman
Date: 11-23-98 Reg. No. 025161

RAMSEY COUNTY
HIGHWAY 96
S.A.P. 62-696-16 CTB

TYPICAL SECTIONS

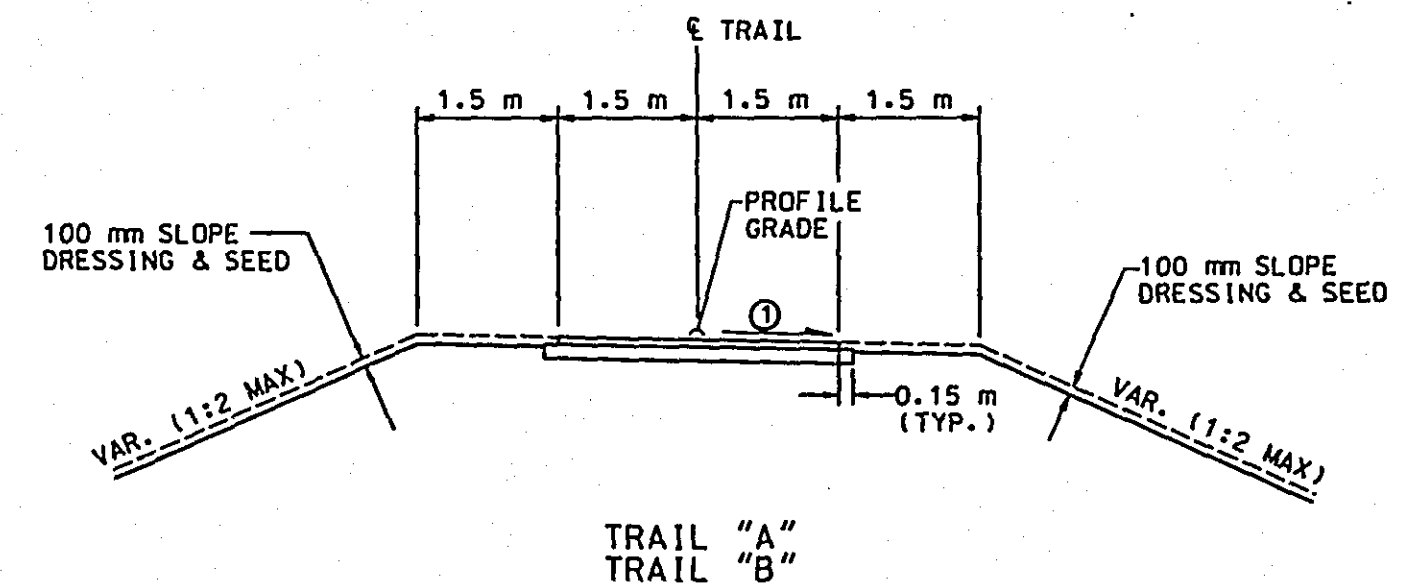
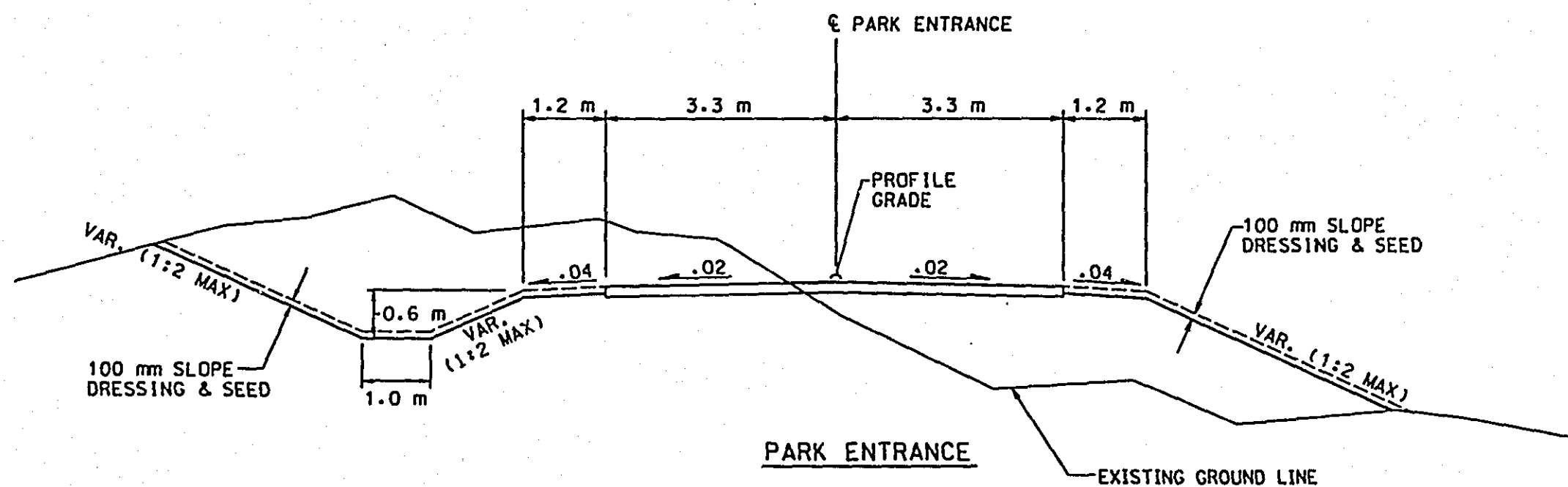
23 NOV 98



NOTES:

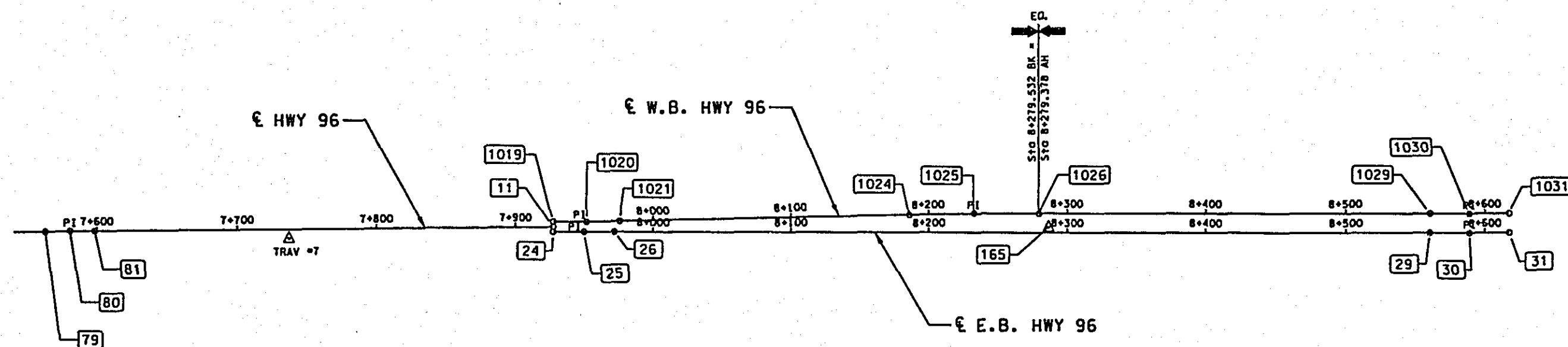
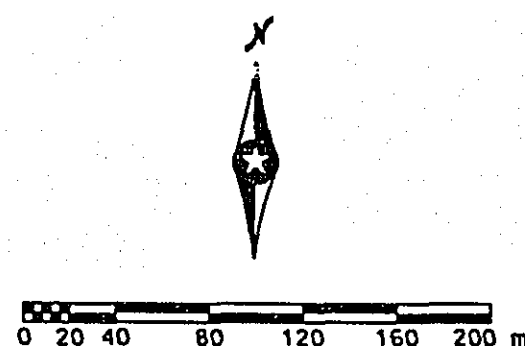
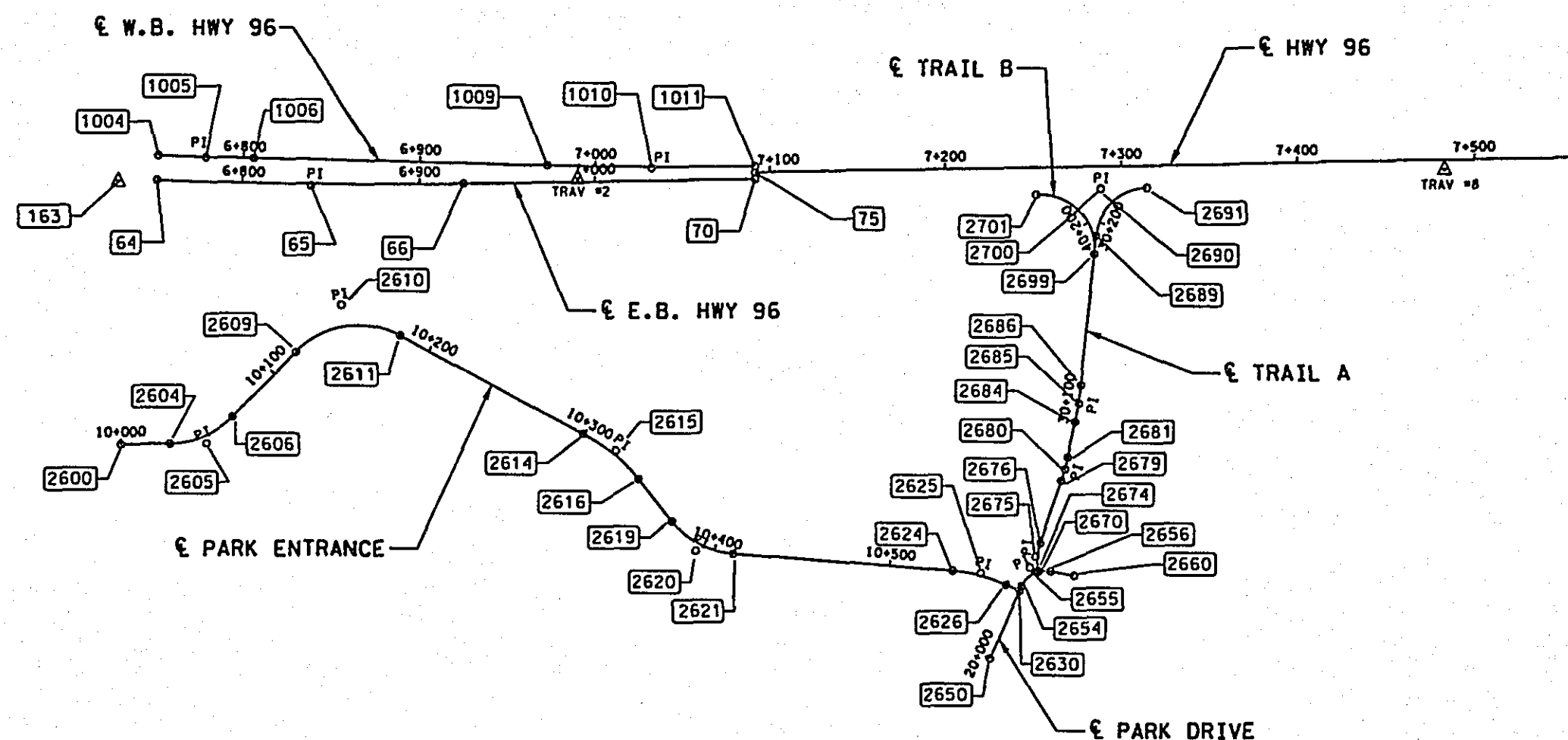
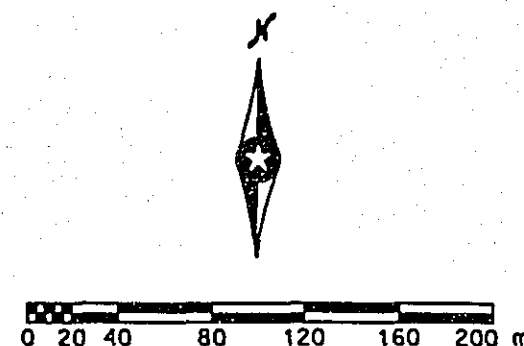
- ① SLOPE TRAIL .02 m/m EITHER RT. OR LT.
AS DIRECTED BY THE ENGINEER IN THE FIELD.

FOR R/W PLAN ONLY
NOT FOR CONSTRUCTION



HWY 96 - TEMP CONNECTION
STA. 6+880.0 - STA. 6+960.0
TRAIL "A" & "B"
PARK ENTRANCE

DRAWING STATUS	DRAWN	DESIGN	CHECKED	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota. <i>Nancy T. Neuhuber</i> Date <i>01-23-98</i> Reg. No. <i>825151</i>	 ENGINEERS ■ ARCHITECTS ■ PLANNERS	RAMSEY COUNTY HIGHWAY 96 S.A.P. 62-696-16 CTB	TYPICAL SECTIONS	FILE NO. RAMSEY601-03	3 14



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NOT FOR CONSTRUCTION

LEGEND

 HORIZONTAL CONTROL POINT
 ALIGNMENT POINT NUMBER

DRAWING STATUS

DRAWN

DESIGN

CHECKED

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Tennessee.

Nancy T. Daubenberger

Date: 11-23-98 Reg. No. 025151



RAMSEY COUNTY
HIGHWAY 96
S.A.P. 62-696-16 CTB

ALIGNMENT PLAN

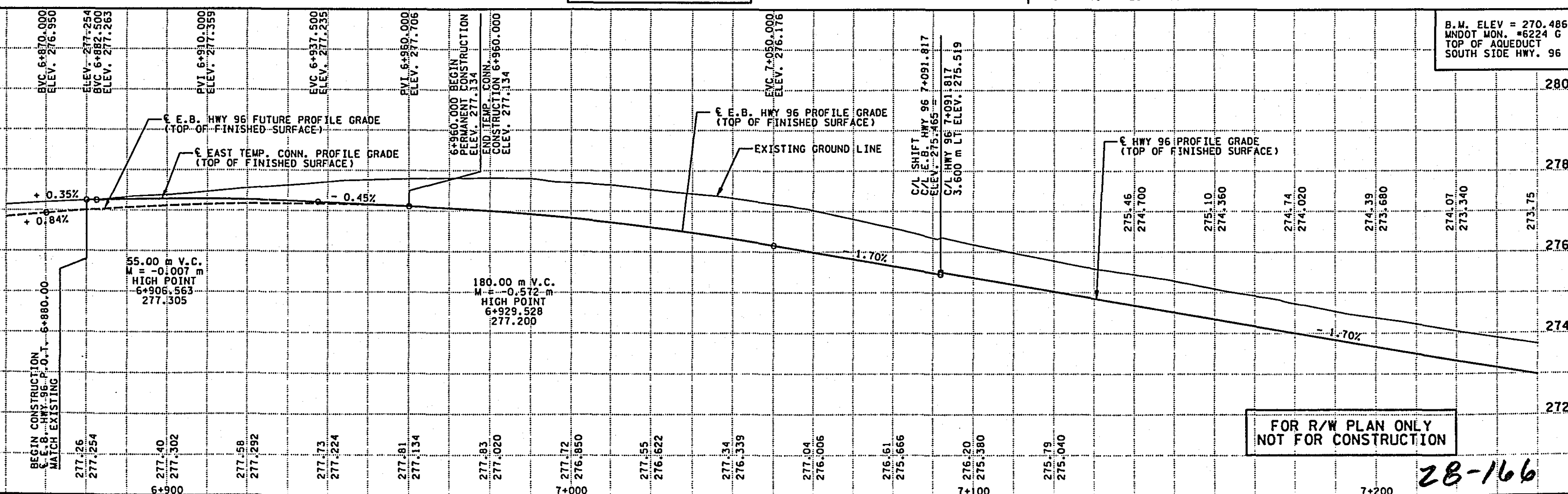
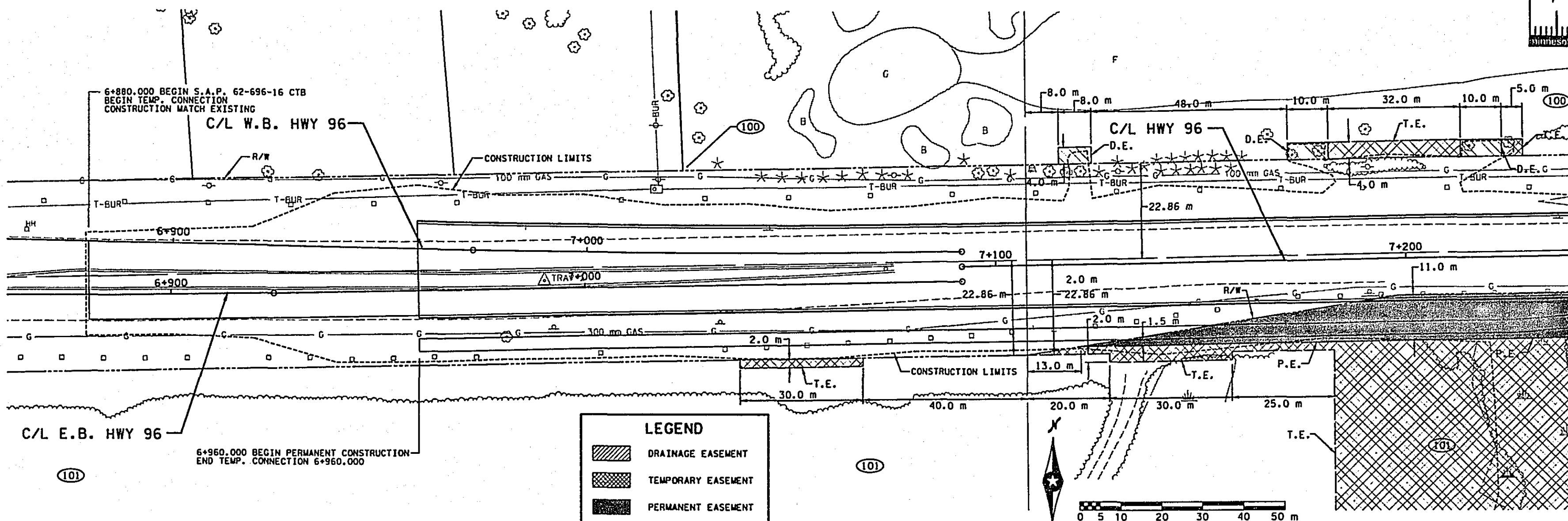
FILE NO.	RAMSE960103
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METRIC ALIGNMENT TABULATION										METRIC ALIGNMENT TABULATION									
POINT NO.	POINT	STATION	CURVE DATA				COORDINATES		AZIMUTH	POINT NO.	POINT	STATION	CURVE DATA				COORDINATES		AZIMUTH
			DELTA	RADIUS	TANGENT	LENGTH	X	Y					DELTA	RADIUS	TANGENT	LENGTH	X	Y	
		☺ HWY. 96										☺ PARK ENTRANCE							
75	POT	7+091.817 =					174,557.6789	62,529.0424		2600	POT	10+000.000				174,197.6960	62,376.7880		
		A PT. 3.600 m LT C/L E.B. HWY 96 P.O.T. 7+091.817								2604	PC	10+027.586				174,225.2801	62,377.1100	89° 19' 52.1"	
79	PC	7+563.676					175,029.4587	62,537.7182	88° 56' 47.3"	2605	PI	10+048.201	44° 48' 46.1" LT	50.000	20.615	39.107	174,245.8937	62,377.3507	PI
80	PI	7+581.053	0° 29' 52.1" RT	4,000.000	17.377	34.753	175,046.8325	62,538.0377	PI		CC					174,224.6964	62,427.1066		
	CC						175,103.0041	58,538.3944		2606	PT	10+066.693				174,260.3477	62,392.0497	44° 31' 06.0"	
81	PT	7+598.429					175,064.2084	62,538.2062	89° 26' 39.4"	2609	PC	10+117.413				174,295.9098	62,428.2148	44° 31' 06.0"	
11	POT	7+927.306 =					175,393.0700	62,541.3960		2610	PI	10+154.388	72° 57' 55.9" RT	50.000	36.975	63.674	174,321.8342	62,454.5788	PI
		A PT. 3.600 m LT C/L E.B. HWY 96 P.C. 7+927.306									CC					174,331.5611	62,393.1579		
		☺ E.B. HWY. 96								2611	PT	10+181.088				174,354.6361	62,437.5150	117° 29' 02.0"	
64	PC	6+751.991					174,217.9804	62,524.1564	92° 14' 03.4"	2614	PC	10+299.278				174,459.4879	62,382.9700	117° 29' 02.0"	
65	PI	6+838.485	3° 17' 16.1" LT	3,013.800	86.494	172.941	174,304.4087	62,520.7843	PI	2615	PI	10+319.853	23° 15' 08.9" RT	100.000	20.575	40.583	174,477.7407	62,373.4748	PI
	CC						174,335.4753	65,535.6652			CC					174,413.3380	62,294.2560		
66	PT	6+924.931					174,390.8880	62,522.3746	88° 56' 47.3"	2616	PT	10+339.862				174,490.7622	62,357.5449	140° 44' 10.8"	
70	POT	7+091.817 =					174,557.7451	62,525.4431		2619	PC	10+370.390				174,510.0833	62,333.9086	140° 44' 10.8"	
		A PT. 3.600 m RT C/L HWY 96 P.O.T. 7+091.817								2620	PI	10+391.822	46° 24' 15.3" LT	50.000	21.432	40.495	174,523.6476	62,317.3149	PI
24	PC	7+927.306 =					175,393.1049	62,537.7962	89° 26' 39.4"		CC					174,548.7954	62,365.5531		
		A PT. 3.600 m RT C/L HWY 96 P.O.T. 7+927.306								2621	PT	10+410.885				174,545.0185	62,315.6960	94° 19' 55.6"	
25	PI	7+945.746	0° 38' 34.2" RT	4,000.000	22.439	44.878	175,415.5431	62,538.0138	PI	2624	PC	10+536.043				174,669.8189	62,306.2419	94° 19' 55.6"	
	CC						175,431.9006	58,537.9843		2625	PI	10+551.958	20° 03' 22.1" RT	90.000	15.915	31.504	174,685.6883	62,305.0397	PI
26	PT	7+972.185					175,437.9823	62,537.9797	90° 05' 13.6"		CC					174,663.0205	62,216.4990		
29	PC	8+560.150					176,025.9467	62,537.0857	90° 05' 13.6"	2626	PT	10+567.547				174,700.1831	62,298.4682	114° 23' 17.6"	
30	PI	8+588.813	0° 49' 16.0" LT	4,000.000	28.663	57.325	176,054.6097	62,537.0421	PI	2630	POT	10+576.138 =				174,708.0070	62,294.9210		
	CC						176,032.0285	66,537.0811				A PT. ON C/L PARK DRIVE P.O.T. 20+041.525							
31	PT	8+617.475					176,083.2704	62,537.4093	89° 15' 57.6"			☺ PARK DRIVE							
		☺ W.B. HWY. 96								2650	POT	20+000.000				174,690.8630	62,257.1000		
1004	PC	6+752.001					174,218.5288	62,537.9455	92° 14' 03.4"	2654	PC	20+044.377				174,709.1840	62,297.5182	24° 23' 02.7"	
1005	PI	6+778.787	1° 01' 23.2" LT	3,000.000	26.785	53.569	174,245.2938	62,536.9012	PI	2655	PI	20+055.995	75° 31' 10.4" RT	15.000	11.618	19.771	174,713.9806	62,308.1001	PI
	CC						174,335.4857	65,535.6648			CC					174,722.8459	62,291.3254		
1006	PT	6+805.571					174,272.0732	62,536.3350	91° 12' 40.2"	2656	PT	20+064.148				174,725.4258	62,306.1019	99° 54' 13.1"	
1009	PC	6+972.822					174,439.0413	62,532.8050	91° 12' 40.2"	2660	POT	20+077.491				174,738.5700	62,303.8070		
1010	PI	7+032.120	2° 15' 52.9" LT	3,000.000	59.297	118.579	174,498.3254	62,531.5516	PI										
	CC						174,502.4537	65,532.1347											
1011	PT	7+091.402 =					174,557.6127	62,532.6418	88° 56' 47.3"										
		A PT. 3.600 m LT C/L HWY 96 P.O.T. 7+091.817																	
1019	PC	7+927.306 =					175,393.0351	62,544.9958	89° 26' 39.4"										
		A PT. 3.600 m LT C/L HWY 96 P.O.T. 7+927.306																	
1020	PI	7+951.692	0° 41' 54.9" LT	4,000.000	24.385	48.770	175,417.4193	62,545.2323	PI										
	CC						175,354.2394	66,544.8077											
1021	PT	7+976.077					175,441.7989	62,545.7661	88° 44' 44.5"										
1024	PC	8+185.883					175,651.5554	62,550.3588	88° 44' 44.5"										
1025	PI	8+232.710	1° 20' 29.1" RT	4,000.000	46.826	93.648	175,698.3704	62,551.3838	PI										
	CC						175,739.1148	58,551.3172											
1026	PT	8+279.532 (BK) =					175,745.1966	62,551.3126	90° 05' 13.6"										
		8+279.378 (AH)					175,745.1966	62,551.3126											
1029	PC	8+560.150					176,025.9677	62,550.8857	90° 05' 13.6"										
1030	PI	8+588.714	0° 49' 16.0" LT	3,986.200	28.564	57.127	176,054.5318	62,550.8423	PI										
	CC						176,032.0285	66,537.0811											
1031	PT	8+617.277					176,083.0936	62,551.2082	89° 15' 57.6"										
										CONTROL POINTS									
										163	CAST IRON MON'T SOUTHEAST CORNER SECTION 13					177,358.0470	62,552.1781		
										165	CAST IRON MON'T NORTHEAST CORNER SECTION 19					175,752.2542	62,541.1294		
										TRAV 2	PK NAIL IN MEDIAN 260 m EAST OF RICE ST.					174,456.1920	62,525.4840		
										TRAV 7	PK NAIL IN SOUTH SHOULDER 70 m EAST OF PARK ENTRANCE					175,202.9890	62,533.0890		
										TRAV 8	PK NAIL IN SOUTH SHOULDER AT OLD AQUADUCT CROSSING					174,949.1630	62,530.7990		
										28-11-64									
DRAWING STATUS										ALIGNMENT TABULATION									
DRAWN										FILE NO. 5									
DESIGN										RAMSEY 060103									
CHECKED										14									
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Tennessee.										ENGINEERS ARCHITECTS PLANNERS									
Date: 11-23-88										S.A.P. 62-696-16 CTB									

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DRAWING STATUS

DRAWN	DESIGN	CHECKED
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I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

John M. Mason

Date: 11/12/98 Reg. No. 18412



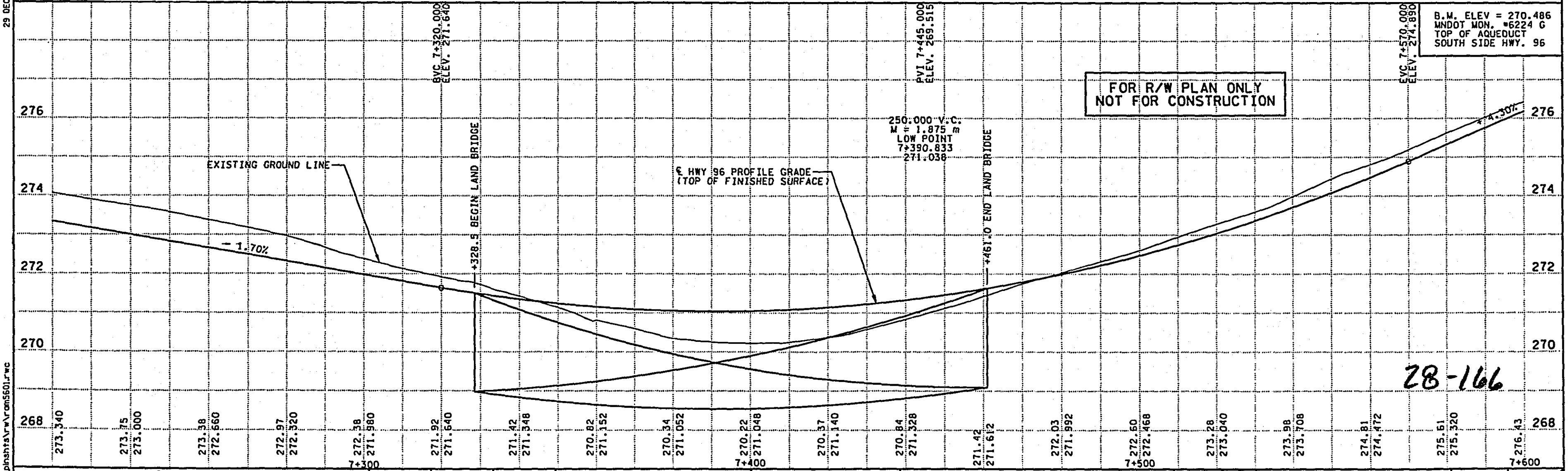
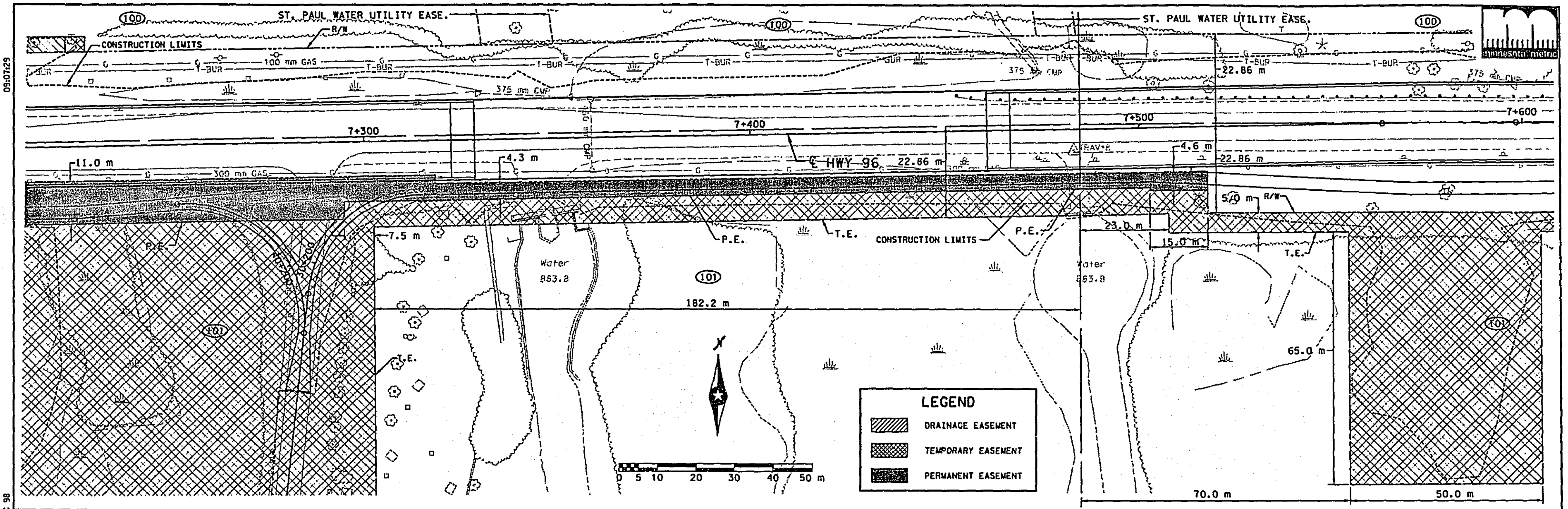
RAMSEY COUNTY
HIGHWAY 96
S.A.P. 62-696-16 CTB

E.B. HIGHWAY 96
PLAN & PROFILE
STA. 6+860.00 TO 7+240.00

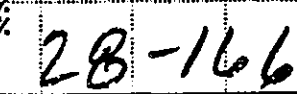
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DRAWING STATUS				DRAWN		DESIGN		CHECKED		I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota. <i>Nancy Daubenberg</i> Date: 12/29/98 Reg. No. 025151		 ENGINEERS ARCHITECTS PLANNERS		RAMSEY COUNTY HIGHWAY 96 S.A.P. 62-696-16 CTB		HIGHWAY 96 PLAN & PROFILE STA. 7+220.00 TO 7+600.00		FILE NO. RAMSE960103		8 14	
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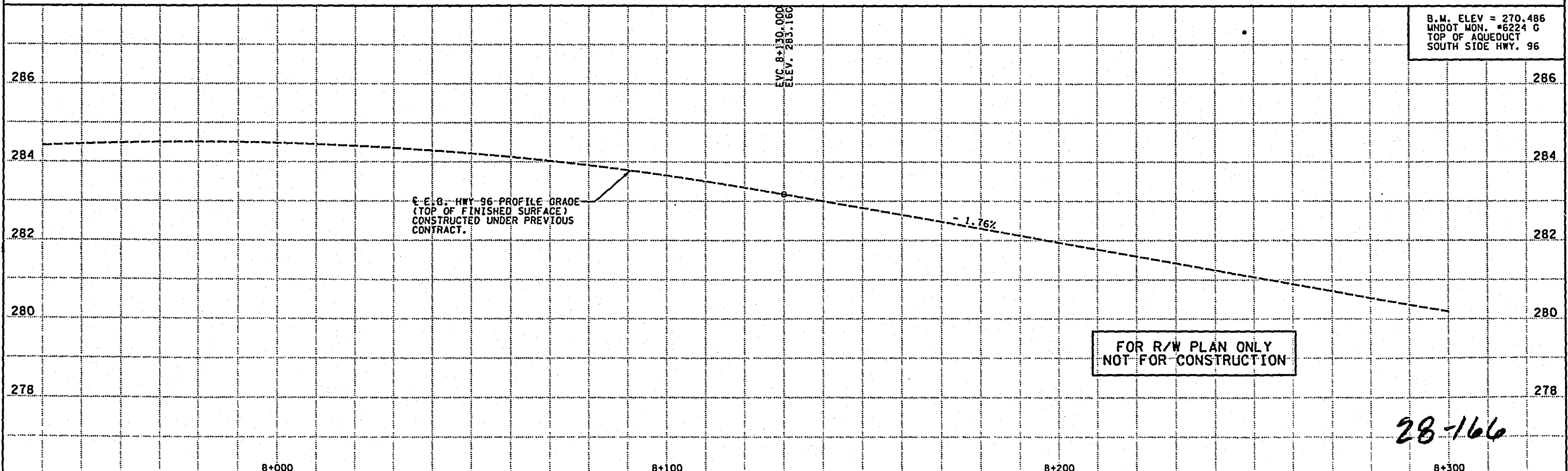
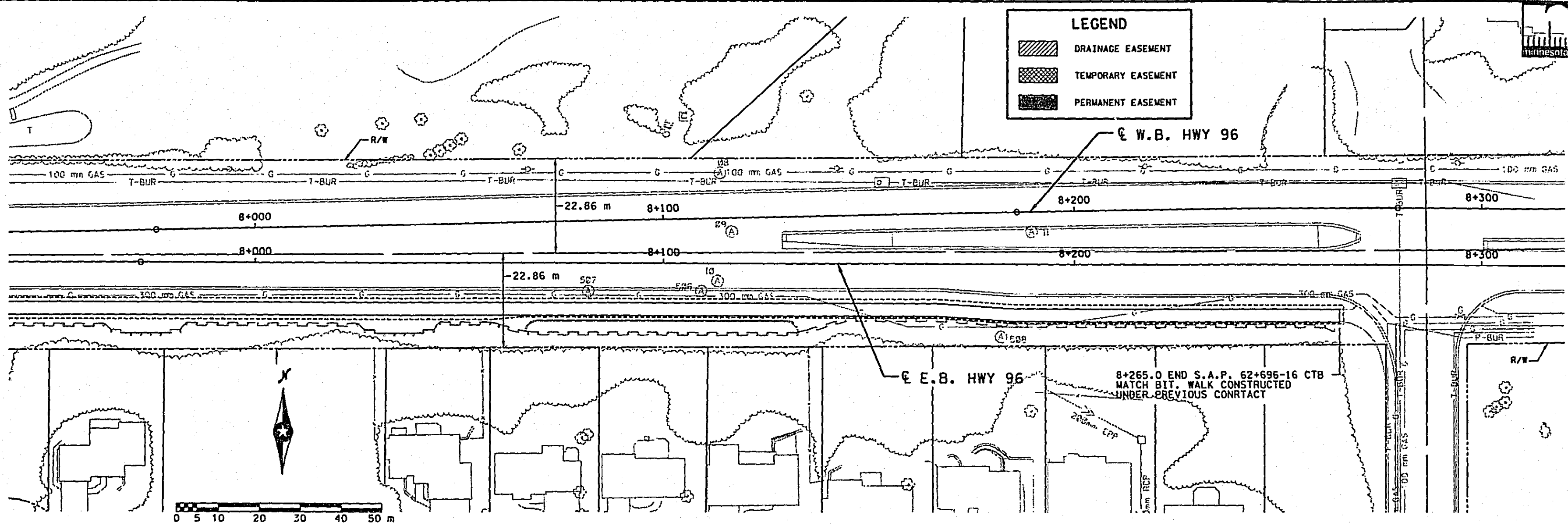


DRAWING STATUS	DRAWN	DESIGN	CHECKED	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota. <i>Nancy Daubnerger</i> Date: <u>3-04-99</u> Reg. No. <u>025151</u>	 ENGINEERS ■ ARCHITECTS ■ PLANNERS	RAMSEY COUNTY HIGHWAY 96 S.A.P. 62-696-16 CTB	HIGHWAY 96 PLAN & PROFILE STA. 7+580.00 TO 7+960.00	FILE NO. RAMSEY601.03	9 14
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DRAWING STATUS	DRAWN	DESIGN	CHECKED	DATE	BY	APP	FILE NO.
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RAMSEY COUNTY
HIGHWAY 96
S.A.P. 62-696-16 CTB

HIGHWAY 96
PLAN & PROFILE
STA. 7+940.000 TO 8+300.000

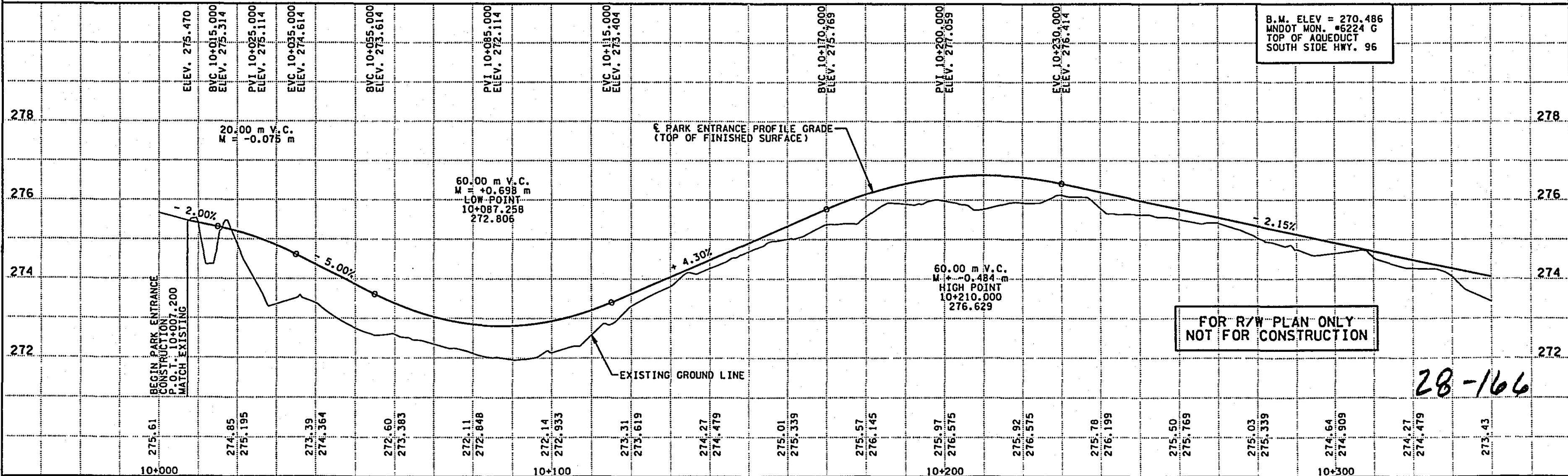
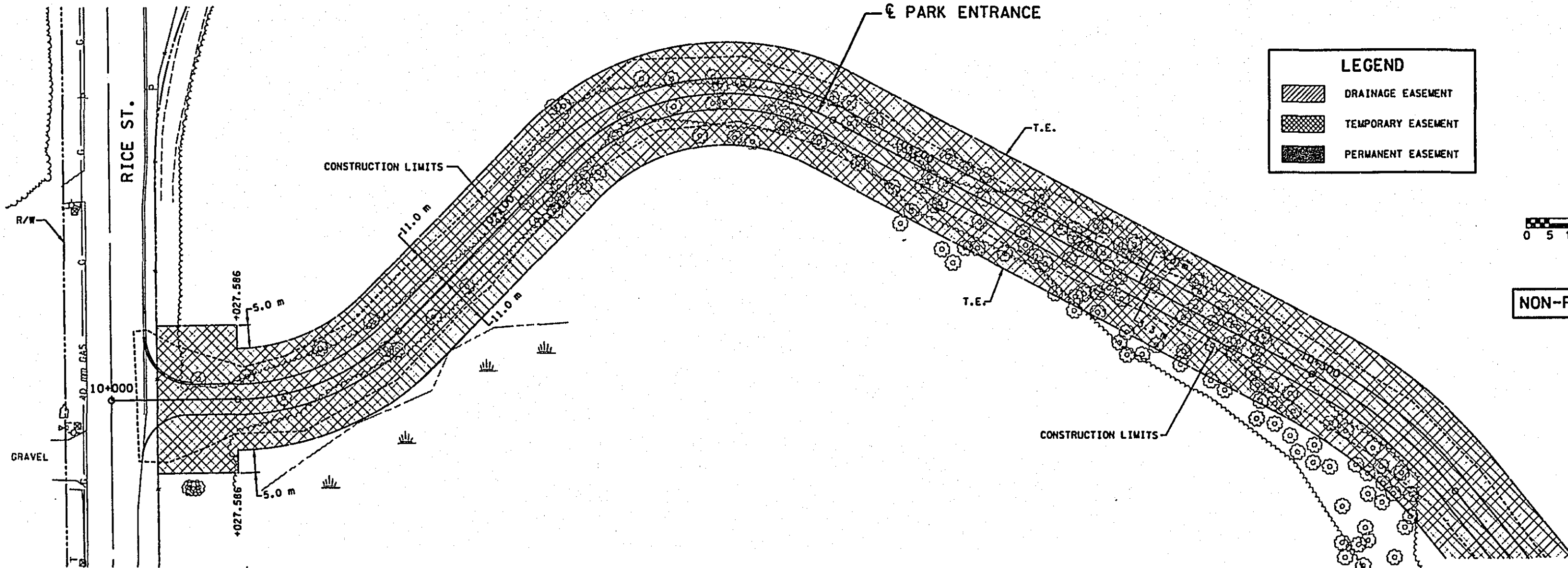
DATE: 11-25-98
REG. NO. 28151

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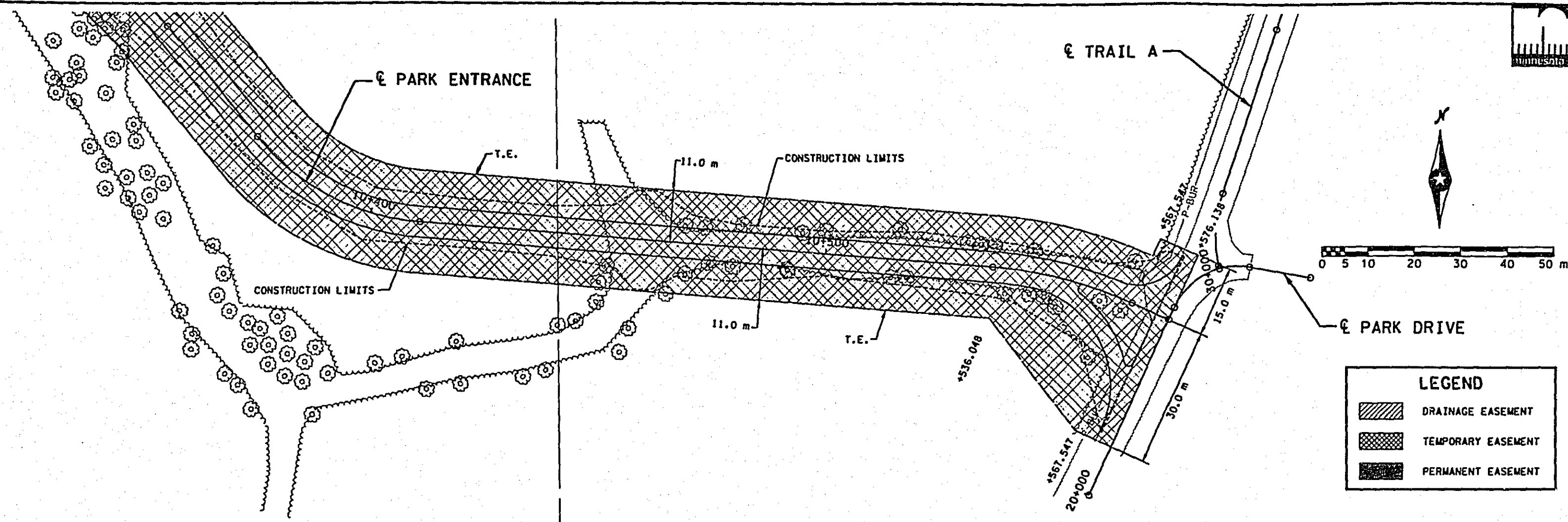


DRAWING STATUS			DRAWN	DESIGN	CHECKED	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota. <i>Nancy T. Daubert</i> Date: 11-23-98 Reg. No. 28151	 ENGINEERS ARCHITECTS PLANNERS	RAMSEY COUNTY HIGHWAY 96 S.A.P. 62-696-16 CTB		PARK ENTRANCE PLAN & PROFILE STA. 10+000.000 TO 10+350.000		FILE NO. RAMSEY9601.04	11 14

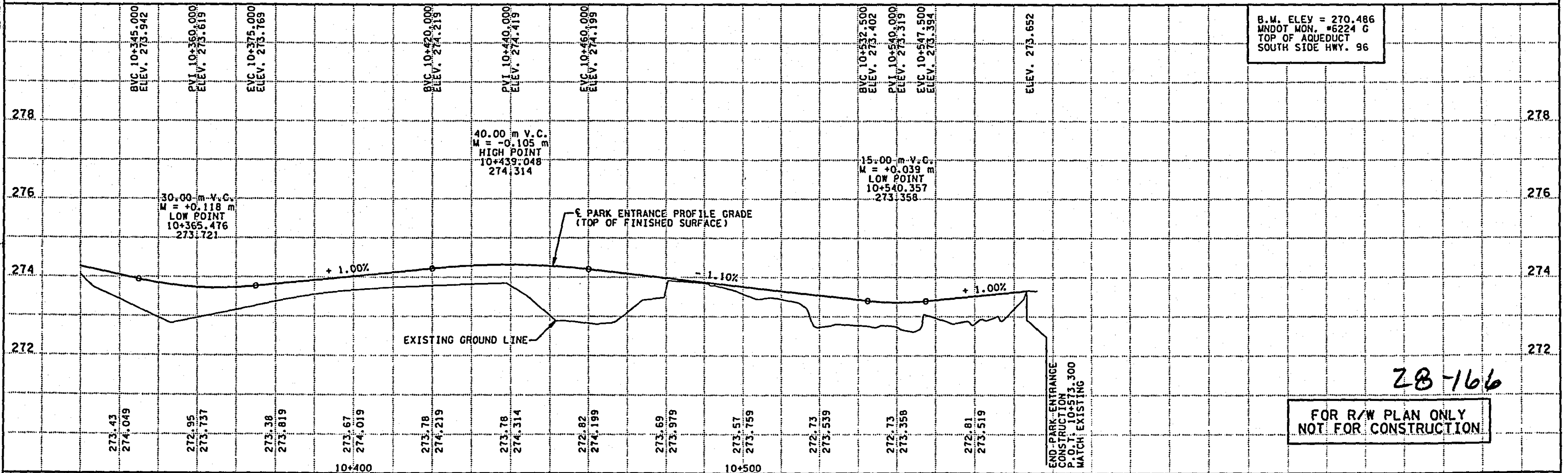
10/08/08

23 NOV 98

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NON-PARTICIPATING



FOR R/W PLAN ONLY
NOT FOR CONSTRUCTION

DRAWING STATUS		DRAWN	DESIGN	CHECKED	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota. <i>Nancy T. Daubert</i> Date: <i>11-23-98</i> Reg. No. <i>25051</i>	 ENGINEERS ■ ARCHITECTS ■ PLANNERS	RAMSEY COUNTY		PARK ENTRANCE		FILE NO.	12 14
							HIGHWAY 96		PLAN & PROFILE		RAMSEY9601.04	
							S.A.P. 62-696-16 CTB		STA. 10+350.000 TO 10+608.500			

NOTES	PARCEL NO.	I.H. 98 S.A.P. 62-595-16 CTB		ADDRESS	PARTIES OF INTEREST	PERMANENT EASEMENT (SQ. FEET)	PERMANENT EASEMENT (SQ. METERS)	COST PER SQ. FT.	ESTIMATED ACQUISITION COSTS	TEMPORARY EASEMENT (SQ. FEET)	TEMPORARY EASEMENT (SQ. METERS)	COST PER SQ. FT.	ESTIMATED ACQUISITION COSTS	DRAINAGE EASEMENT (SQ. FEET)	DRAINAGE EASEMENT (SQ. METERS)	COST PER SQ. FT.	ESTIMATED ACQUISITION COSTS
		PROPERTY ID NUMBER															
1	100	18-30-22-42-6-2		54 EAST OAKS RD., ST. PAUL	NORTH OAKS GOLF CLUB					1583.1	148.0	\$0.75	\$1,194.79	1205.6	112.0	\$2.00	\$2,411.12
	101				ST. PAUL WATER UTILITY	36422.9	3383.8	\$2.00	\$72,845.87	415483.4	38587.8	\$0.75	\$311,587.58				
					HWY 96 TOTALS	36422.9	3383.8		\$72,845.87	417056.5	38745.8		\$312,782.37	1205.6	112.0		\$2,411.12
					TOTAL ACQUISITION COSTS												\$385,049.38

NOTES:
1 INCLUDES 13,106.3 m2 NON-PARTICIPATING TEMPORARY EASEMENT FOR PARK ENTRANCE.

7/22/99

28-166