WIDEN EXISTING ENGLISH COULEE DIVERSION

EXISTING ENGLISH COULEE DIVERSION

ENGLISH COULEE DIVERSION

US HWY 2

BNRR

I-29

US HWY 18

RED RIVER OF THE NORTH

US HWY 220

23RD ST NW

EAST GRAND FORKS

US HWY 2

GATEWAY DRIVE

GRAND FORKS

DEMERS AVE

BUSINESS HWY 2

RED LAKE RIVER

EAST GRAND FORKS (THE POINT AREA)

US HWY 220

32ND AVE S

HEARTSVILLE COULEE DIVERSION

HEARTSVILLE COULEE

WASHINGTON STREET

BELMONT ROAD

47TH AVE S

CO RD 17

CO RD 8

CO RD 6 (MERRIFIELD RD)

N

LEGEND

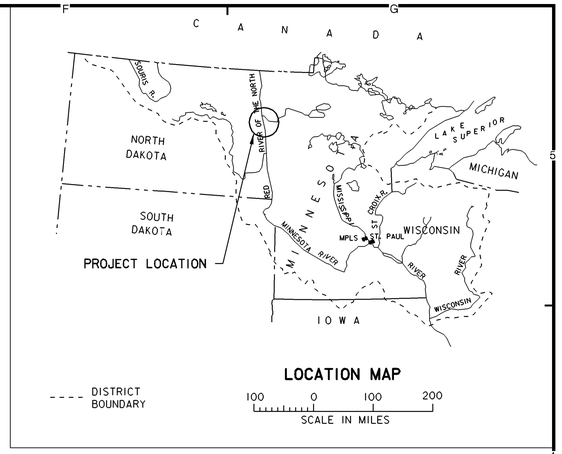
LEVEE/FLOODWALL

EXCAVATED CHANNEL

VICINITY MAP

2500 0 2500 5000

SCALE IN FEET



LOCATION MAP

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL

LOCATION MAP & VICINITY MAP

PE-D	DESIGNED: DT/CA/CB	
	CHECKED: RGB/MSM	
	DRAWN: CAA	
PE-H	DESIGNED: MDL	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GF10R100.DGN	DRAWING NUMBER: PLATE NO. 1
	SOL. NO:	SHT 1 OF 166

DRAWING INDEX

SHT	DESCRIPTION	CAD FILE
GENERAL DRAWINGS		
1	LOCATION & VICINITY MAPS	GF10R100.DGN
2	DRAWING INDEX & LEGEND	GF00R101.DGN
3	SITE MAP	GF10R101.DGN
GRAND FORKS, ND		
4	SITE MAP - GRAND FORKS - DOWNSTREAM	GF10R102.DGN
5	SITE MAP - GRAND FORKS - UPSTREAM	GF10R103.DGN
6	PLAN - STA 0+00 TO STA 14+20	GFGPR001.DGN
7	PLAN - STA 14+20 TO STA 29+20	GFGPR002.DGN
8	PLAN - STA 29+20 TO STA 43+00	GFGPR003.DGN
9	PLAN - STA 43+00 TO STA 57+40	GFGPR004.DGN
10	PLAN - STA 57+40 TO STA 72+20	GFGPR005.DGN
11	PLAN - STA 72+20 TO STA 86+60	GFGPR006.DGN
12	PLAN - STA 86+60 TO STA 101+20	GFGPR007.DGN
13	PLAN - STA 101+20 TO STA 114+80	GFGPR008.DGN
14	PLAN - STA 114+80 TO STA 129+80	GFGPR009.DGN
15	PLAN - STA 129+80 TO STA 146+80	GFGPR010.DGN
16	PLAN - STA 146+80 TO STA 161+80	GFGPR011.DGN
17	PLAN - STA 161+80 TO STA 176+40	GFGPR012.DGN
18	PLAN - STA 176+40 TO STA 191+20	GFGPR013.DGN
19	PLAN - STA 191+20 TO STA 206+40	GFGPR014.DGN
20	PLAN - STA 206+40 TO STA 222+20	GFGPR015.DGN
21	PLAN - STA 222+20 TO STA 237+60	GFGPR016.DGN
22	PLAN - STA 237+60 TO STA 252+60	GFGPR017.DGN
23	PLAN - STA 252+60 TO STA 264+00	GFGPR018.DGN
24	PLAN - STA 264+00 TO STA 279+00	GFGPR019.DGN
25	PLAN - STA 279+00 TO STA 294+00	GFGPR020.DGN
26	PLAN - STA 294+00 TO STA 311+40	GFGPR021.DGN
27	PLAN - STA 311+40 TO STA 327+00	GFGPR022.DGN
28	PLAN - STA 327+00 TO STA 340+00	GFGPR023.DGN
29	PLAN - STA 340+00 TO STA 355+40	GFGPR024.DGN
30	PLAN - STA 355+40 TO STA 373+60	GFGPR025.DGN
31	PLAN - STA 373+60 TO STA 388+20	GFGPR026.DGN
32	PLAN - STA 388+20 TO STA 408+20	GFGPR027.DGN
33	PLAN - STA 408+20 TO STA 424+80	GFGPR028.DGN
34	PLAN - STA 424+80 TO STA 439+40	GFGPR029.DGN
35	PLAN - STA 439+40 TO STA 453+60	GFGPR030.DGN
36	PLAN - STA 453+60 TO STA 469+40	GFGPR031.DGN
37	PLAN - STA 469+40 TO STA 482+60	GFGPR032.DGN
38	PLAN - STA 482+60 TO STA 497+20	GFGPR033.DGN
39	PLAN - STA 497+20 TO STA 511+20	GFGPR034.DGN
40	PLAN - STA 511+20 TO STA 522+24	GFGPR035.DGN
41	PROFILE - STA 0+00 TO STA 25+00	GFGFR001.DGN
42	PROFILE - STA 25+00 TO STA 50+00	GFGFR002.DGN
43	PROFILE - STA 50+00 TO STA 75+00	GFGFR003.DGN
44	PROFILE - STA 75+00 TO STA 100+00	GFGFR004.DGN
45	PROFILE - STA 100+00 TO STA 125+00	GFGFR005.DGN
46	PROFILE - STA 125+00 TO STA 150+00	GFGFR006.DGN
47	PROFILE - STA 150+00 TO STA 175+00	GFGFR007.DGN
48	PROFILE - STA 175+00 TO STA 200+00	GFGFR008.DGN
49	PROFILE - STA 200+00 TO STA 225+00	GFGFR009.DGN
50	PROFILE - STA 225+00 TO STA 250+00	GFGFR010.DGN
51	PROFILE - STA 250+00 TO STA 275+00	GFGFR011.DGN
52	PROFILE - STA 275+00 TO STA 300+00	GFGFR012.DGN
53	PROFILE - STA 300+00 TO STA 325+00	GFGFR013.DGN
54	PROFILE - STA 325+00 TO STA 350+00	GFGFR014.DGN
55	PROFILE - STA 350+00 TO STA 375+00	GFGFR015.DGN
56	PROFILE - STA 375+00 TO STA 400+00	GFGFR016.DGN
57	PROFILE - STA 400+00 TO STA 425+00	GFGFR017.DGN
58	PROFILE - STA 425+00 TO STA 450+00	GFGFR018.DGN
59	PROFILE - STA 450+00 TO STA 475+00	GFGFR019.DGN
60	PROFILE - STA 475+00 TO STA 500+00	GFGFR020.DGN
61	PROFILE - STA 500+00 TO STA 522+24	GFGFR021.DGN
62	TYPICAL SECTIONS 1 - 3	GFGXR001.DGN
63	TYPICAL SECTIONS 4 - 6	GFGXR002.DGN
64	TYPICAL SECTIONS 7 - 9	GFGXR003.DGN
65	TYPICAL SECTIONS 10 - 12	GFGXR004.DGN
66	TYPICAL SECTIONS 13 - 15	GFGXR005.DGN
67	TYPICAL SECTIONS 16 - 18	GFGXR006.DGN
68	EXISTING LEVEE REMOVALS - RIVERSIDE PARK	GFGPR200.DGN
69	EXISTING LEVEE REMOVALS - NORTH 3RD STREET	GFGPR201.DGN
70	EXISTING LEVEE REMOVALS - CENTRAL PARK	GFGPR202.DGN
71	EXISTING LEVEE REMOVALS - LINCOLN DRIVE	GFGPR203.DGN
72	EXISTING LEVEE REMOVALS - LINCOLN PARK	GFGPR204.DGN
73	EXISTING LEVEE REMOVALS - OLSON DRIVE	GFGPR205.DGN

DRAWING INDEX (CONTINUED)

SHT	DESCRIPTION	CAD FILE
EAST GRAND FORKS, MN		
74	SITE MAP - EAST GRAND FORKS	GF10R104.DGN
75	PLAN - STA D0+00 TO STA D18+00	GFGPR100.DGN
76	PLAN - STA D18+00 TO STA D35+00	GFGPR101.DGN
77	PLAN - STA D35+00 TO STA D50+00	GFGPR102.DGN
78	PLAN - STA D50+00 TO STA D65+00	GFGPR103.DGN
79	PLAN - STA D65+00 TO STA D79+00	GFGPR104.DGN
80	PLAN - STA D79+00 TO STA D95+00	GFGPR105.DGN
81	PLAN - STA D95+00 TO STA D113+00	GFGPR106.DGN
82	PLAN - STA D113+00 TO STA D133+00	GFGPR107.DGN
83	PLAN - STA D133+00 TO STA D148+00	GFGPR108.DGN
84	PLAN - STA D148+00 TO STA D163+00	GFGPR109.DGN
85	PLAN - STA D163+00 TO STA D179+00	GFGPR110.DGN
86	PLAN - STA D179+00 TO STA D194+00	GFGPR111.DGN
87	PLAN - STA D194+00 TO STA D209+00	GFGPR112.DGN
88	PLAN - STA D209+00 TO STA D223+00	GFGPR113.DGN
89	PLAN - STA D223+00 TO STA D238+00	GFGPR114.DGN
90	PLAN - STA D238+00 TO STA D258+00	GFGPR115.DGN
91	PLAN - STA D258+00 TO STA D274+83	GFGPR116.DGN
92	PLAN - STA E0+00 TO STA E28+00	GFGPR117.DGN
93	PLAN - STA E28+00 TO STA E58+00	GFGPR118.DGN
94	PLAN - STA E58+00 TO STA E87+00	GFGPR119.DGN
95	PLAN - STA E87+00 TO STA E116+00	GFGPR120.DGN
96	PLAN - STA E116+00 TO STA E155+00	GFGPR121.DGN
97	PLAN - STA E155+00 TO STA E185+00	GFGPR122.DGN
98	PLAN - STA E185+00 TO STA E215+00	GFGPR123.DGN
99	PLAN - STA E215+00 TO STA E245+00	GFGPR124.DGN
100	PLAN - STA E245+00 TO STA E275+00	GFGPR125.DGN
101	PLAN - STA E275+00 TO STA E305+00	GFGPR126.DGN
102	PLAN - STA E305+00 TO STA E335+00	GFGPR127.DGN
103	PLAN - STA E335+00 TO STA E345+94.17	GFGPR128.DGN
104	PROFILE - STA D0+00 TO STA D25+00	GFGFR100.DGN
105	PROFILE - STA D25+00 TO STA D50+00	GFGFR101.DGN
106	PROFILE - STA D50+00 TO STA D75+00	GFGFR102.DGN
107	PROFILE - STA D75+00 TO STA D100+00	GFGFR103.DGN
108	PROFILE - STA D100+00 TO STA D125+00	GFGFR104.DGN
109	PROFILE - STA D125+00 TO STA D150+00	GFGFR105.DGN
110	PROFILE - STA D150+00 TO STA D175+00	GFGFR106.DGN
111	PROFILE - STA D175+00 TO STA D200+00	GFGFR107.DGN
112	PROFILE - STA D200+00 TO STA D225+00	GFGFR108.DGN
113	PROFILE - STA D225+00 TO STA D250+00	GFGFR109.DGN
114	PROFILE - STA D250+00 TO STA D274+83	GFGFR110.DGN
115	PROFILE - STA E0+00 TO STA E50+00	GFGFR111.DGN
116	PROFILE - STA E50+00 TO STA E100+00	GFGFR112.DGN
117	PROFILE - STA E100+00 TO STA E150+00	GFGFR113.DGN
118	PROFILE - STA E150+00 TO STA E200+00	GFGFR114.DGN
119	PROFILE - STA E200+00 TO STA E250+00	GFGFR115.DGN
120	PROFILE - STA E250+00 TO STA E300+00	GFGFR116.DGN
121	PROFILE - STA E300+00 TO STA E345+94.17	GFGFR117.DGN
122	TYPICAL SECTIONS 19 - 21	GFGXR100.DGN
123	TYPICAL SECTIONS 22 - 24	GFGXR101.DGN
124	TYPICAL SECTIONS 25 - 27	GFGXR102.DGN
125	EXISTING LEVEE REMOVALS - SHERLOCK PARK	GFGPR206.DGN
126	EXISTING LEVEE REMOVALS - DOWNTOWN	GFGPR207.DGN

DRAWING INDEX (CONTINUED)

SHT	DESCRIPTION	CAD FILE
EAST GRAND FORKS, MN- THE POINT		
127	SITE MAP - EAST GRAND FORKS - THE POINT	GF10R105.DGN
128	PLAN - STA F0+00 TO STA F15+00	GFGPR150.DGN
129	PLAN - STA F15+00 TO STA F30+00	GFGPR151.DGN
130	PLAN - STA F30+00 TO STA F45+00	GFGPR152.DGN
131	PLAN - STA F45+00 TO STA F63+00	GFGPR153.DGN
132	PLAN - STA F63+00 TO STA F79+00	GFGPR154.DGN
133	PLAN - STA F79+00 TO STA F95+00	GFGPR155.DGN
134	PLAN - STA F95+00 TO STA F110+00	GFGPR156.DGN
135	PLAN - STA F110+00 TO STA F126+00	GFGPR157.DGN
136	PLAN - STA F126+00 TO STA F143+00	GFGPR158.DGN
137	PLAN - STA F143+00 TO STA F160+00	GFGPR159.DGN
138	PLAN - STA F160+00 TO STA F177+00	GFGPR160.DGN
139	PLAN - STA F177+00 TO STA F189+72	GFGPR161.DGN
140	PLAN - STA G0+00 TO STA G30+00	GFGPR162.DGN
141	PLAN - STA G30+00 TO STA G64+00	GFGPR163.DGN
142	PLAN - STA G64+00 TO STA G95+00	GFGPR164.DGN
143	PLAN - STA G95+00 TO STA G124+00	GFGPR165.DGN
144	PLAN - STA G124+00 TO STA G148+00	GFGPR166.DGN
145	PLAN - STA G148+00 TO STA G170+19.54	GFGPR167.DGN
146	PROFILE - STA F0+00 TO STA F25+00	GFGFR150.DGN
147	PROFILE - STA F25+00 TO STA F50+00	GFGFR151.DGN
148	PROFILE - STA F50+00 TO STA F75+00	GFGFR152.DGN
149	PROFILE - STA F75+00 TO STA F100+00	GFGFR153.DGN
150	PROFILE - STA F100+00 TO STA F125+00	GFGFR154.DGN
151	PROFILE - STA F125+00 TO STA F150+00	GFGFR155.DGN
152	PROFILE - STA F150+00 TO STA F175+00	GFGFR156.DGN
153	PROFILE - STA F175+00 TO STA F189+72	GFGFR157.DGN
154	PROFILE - STA G0+00 TO STA G50+00	GFGFR158.DGN
155	PROFILE - STA G50+00 TO STA G100+00	GFGFR159.DGN
156	PROFILE - STA G100+00 TO STA G150+00	GFGFR160.DGN
157	PROFILE - STA G150+00 TO STA G170+19.15	GFGFR161.DGN
158	PROFILE - STA H0+00 TO STA H50+00	GFGFR162.DGN
159	PROFILE - STA H50+00 TO STA H64+85.1	GFGFR163.DGN
160	TYPICAL SECTIONS 28 - 30	GFGXR150.DGN
161	TYPICAL SECTIONS 31 - 33	GFGXR151.DGN
162	TYPICAL SECTIONS 34 - 36	GFGXR152.DGN
163	TYPICAL SECTIONS 37 - 39	GFGXR153.DGN
164	EXISTING LEVEE REMOVALS - 3RD AVE SE	GFGPR208.DGN
MISCELLANEOUS		
165	BANK STABILIZATION REACHES	GFGPR209.DGN
166	POTENTIAL BORROW SITES	GFGPR210.DGN

GENERAL CROSS-REFERENCING SYMBOLS

SECTION/DETAIL (A)
SUPPLEMENTAL INFORMATION
SCALE: X/X" = 1'-0"
SECTION/DETAIL TITLE ON SAME DRAWING (CENTERED UNDER SECTION/DETAIL)

SECTION/DETAIL (2 / 99/999)
SUPPLEMENTAL INFORMATION
SCALE: X/X" = 1'-0"
SECTION/DETAIL TITLE ON ANOTHER DRAWING (CENTERED UNDER SECTION/DETAIL)

TOP FRONT SIDE
ELEVATION SECTION
VIEW SUBTITLE (CENTERED UNDER EACH VIEW)

(2) SECTION CUT W/ VIEW SHOWN ON SAME DRAWING

(2 / 99/999) SECTION CUT W/ VIEW SHOWN ON ANOTHER DRAWING

(A) DETAIL SYMBOL W/ VIEW SHOWN ON SAME DRAWING

(A / 99/999) DETAIL SYMBOL W/ VIEW SHOWN ON ANOTHER DRAWING

ABBREVIATIONS

ALT. W/	ALTERNATE WITH	GALV.	GALVANIZED
ALUM.	ALUMINUM	I.F.	INSIDE FACE
BOT.	BOTTOM	LG.	LONG
CL.	CLEAR COVER	MAX.	MAXIMUM
C.J.	CONSTRUCTION JOINT	MIN.	MINIMUM
CONC.	CONCRETE	N.F.	NEAR FACE
CONT. JT.	CONTRACTION JOINT	O.F.	OUTSIDE FACE
DIA.	DIAMETER	O.C.	ON CENTER
E.F.	EACH FACE	S.S.	STAINLESS STEEL
E.J.	EXPANSION JOINT	T & B	TOP AND BOTTOM
EL.	ELEVATION	TYP.	TYPICAL
E.W.	EACH WAY	U.N.O.	UNLESS NOTED OTHERWISE
F.F.	FAR FACE		

GENERAL LEGEND

- P.I. POINT
- FIRE HYDRANT
- MANHOLE
- CB — CATCHBASIN
- WATER VALVE
- PUMP STATION
- GATED OUTLET
- SAN — SANITARY SEWER
- SS — STORM SEWER
- W — WATERMAIN
- 97-41M — BORING LOCATION AND NUMBER
- LIMITS OF WORK
- FILL
- CUT
- TRAIL CROSS-OVER
- LEVEE
- FLOODWALL
- MSE WALL

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

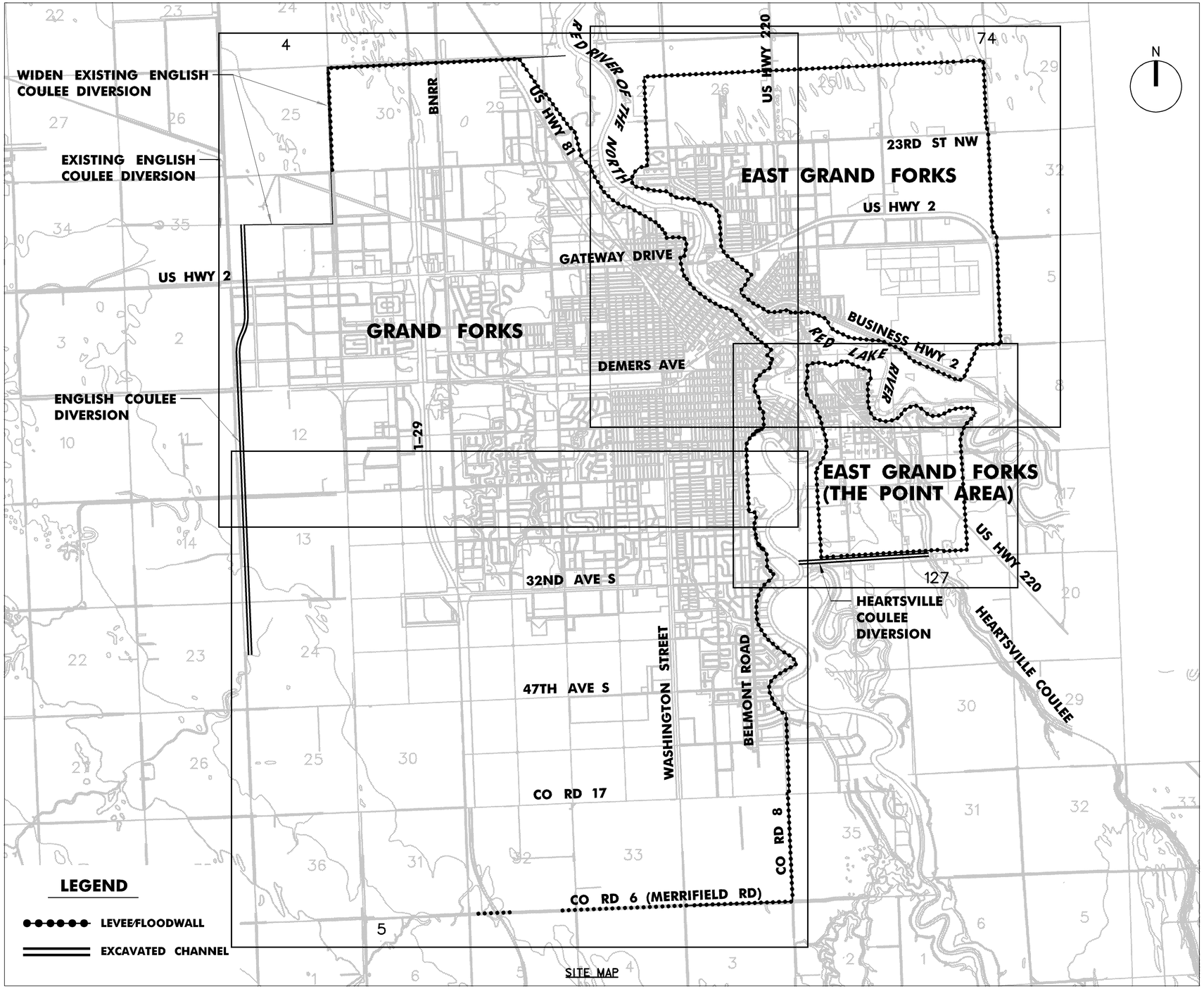
AE APPROVING OFFICIAL:

PE-D: DESIGNED: CAA/DMT; CHECKED: RGB; DRAWN: CAA
PE-H: DESIGNED: ; CHECKED:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL

DRAWING INDEX & LEGEND

CAD FILE NAME: GF00R101.DGN
DRAWING NUMBER: **PLATE NO. 2**
SHT 2 OF 166
DATE: NOVEMBER 1998
SOL. NO:



SYMBOL	DESCRIPTION	DATE	APPROVAL

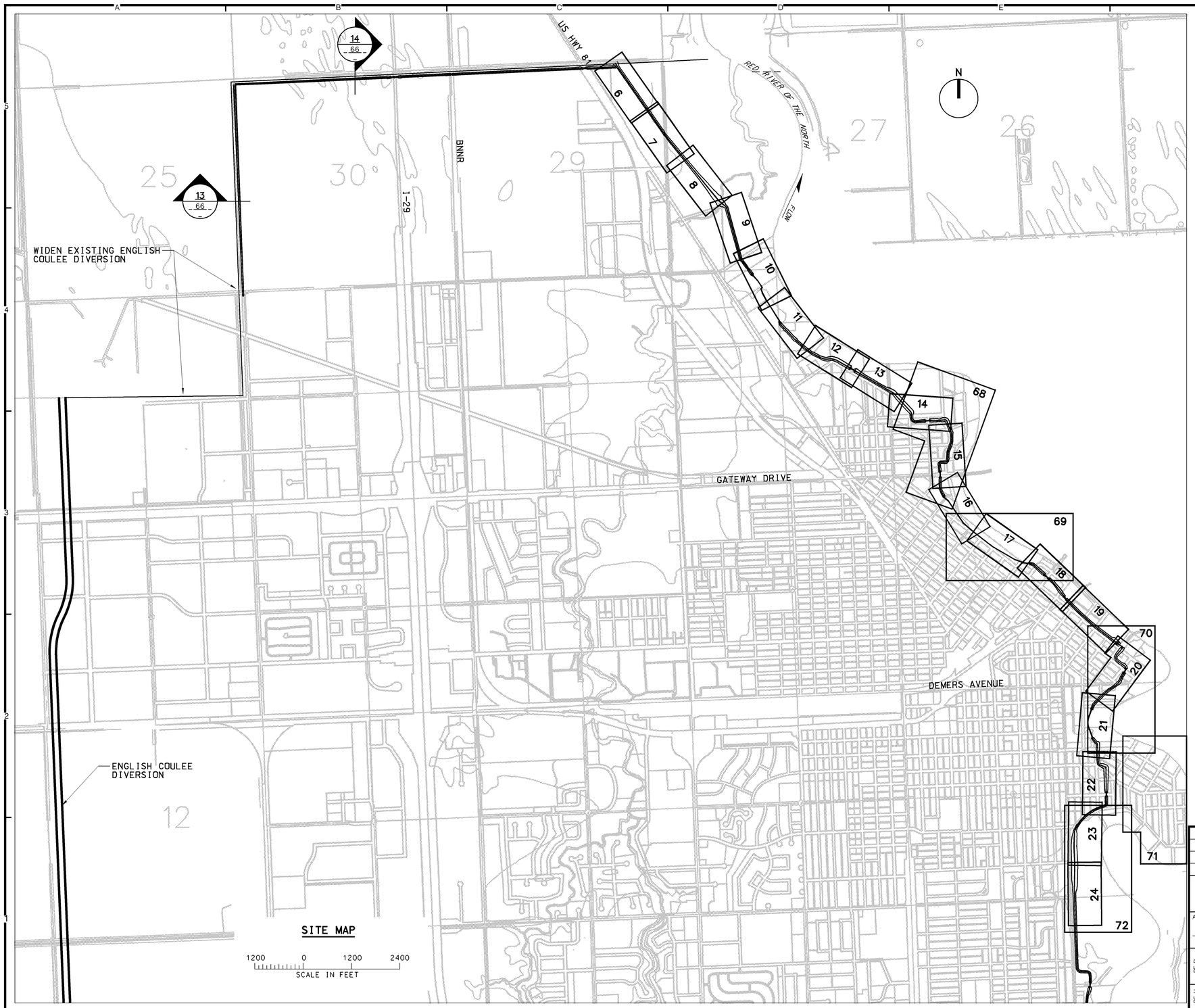
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL

SITE MAP

PE-D	DESIGNED: DT/CA/CB	
	CHECKED: RGB/MSM	
	DRAWN: CAA	
PE-H	DESIGNED: MDL/JWM	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GF10R001.DGN	DRAWING NUMBER: PLATE NO. 3
	SOL. NO:	SHT 3 OF 166



SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
SITE MAP
GRAND FORKS - DOWNSTREAM

PE-D	DESIGNED: DT/CA/CB	
	CHECKED: RGB/MSM	
	DRAWN: CAA	
PE-H	DESIGNED: MDL/JWM	
	CHECKED: MDL	CAD FILE NAME: GF10R102.DGN

DATE: NOVEMBER 1998 | SOL. NO: | DRAWING NUMBER: **PLATE NO. 4** | SHT 4 OF 166

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

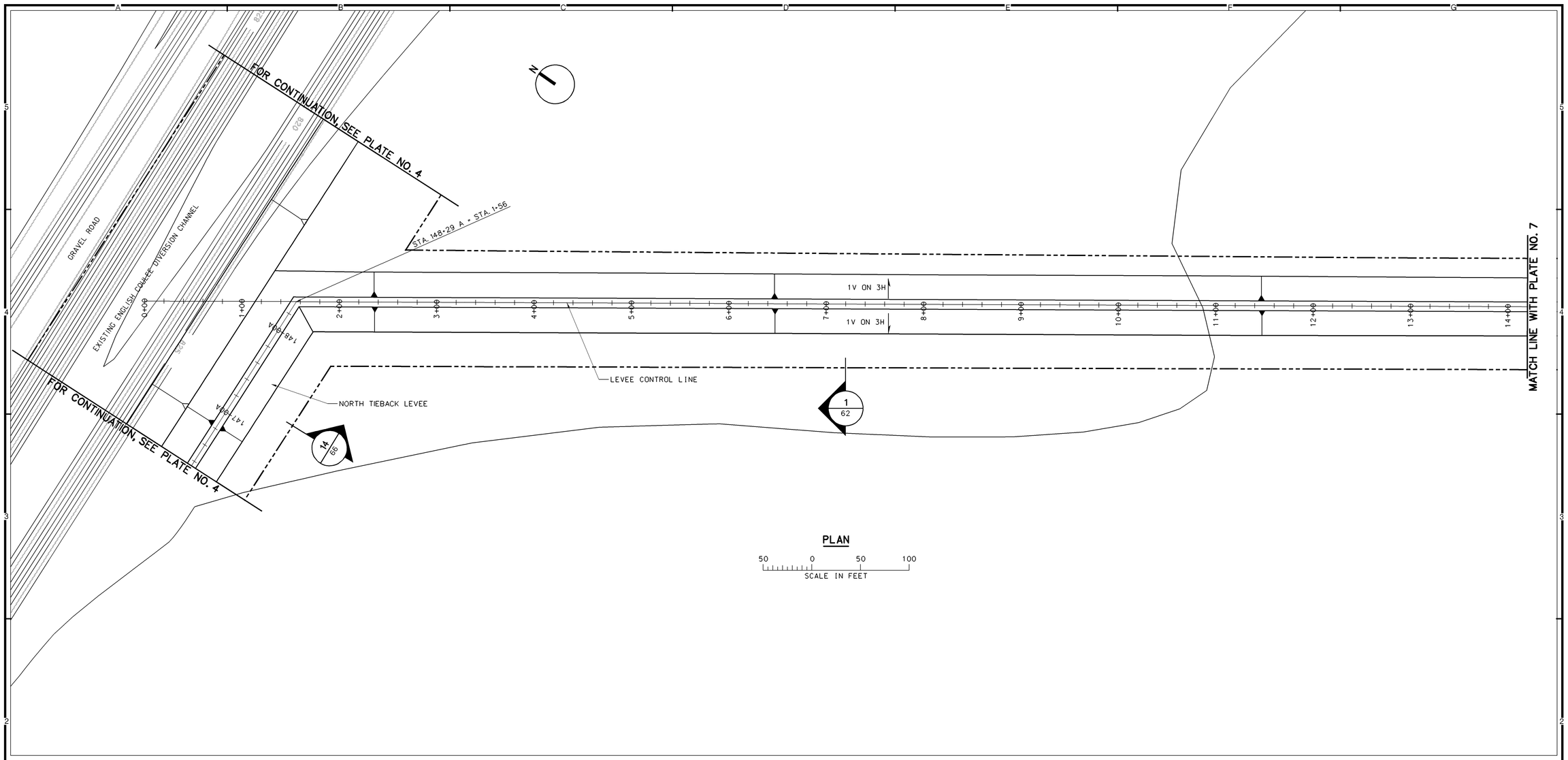
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
SITE MAP
GRAND FORKS - UPSTREAM

PE-D	DESIGNED: DT/CA/CB	
	CHECKED: RGB/MSM	
	DRAWN: CAA	
PE-H	DESIGNED: MDL/JWM	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GF10R103.DGN	SOL. NO:

DRAWING NUMBER: **PLATE NO. 5**

SHT 5 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	41
3.	TYPICAL SECTIONS	62,64

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

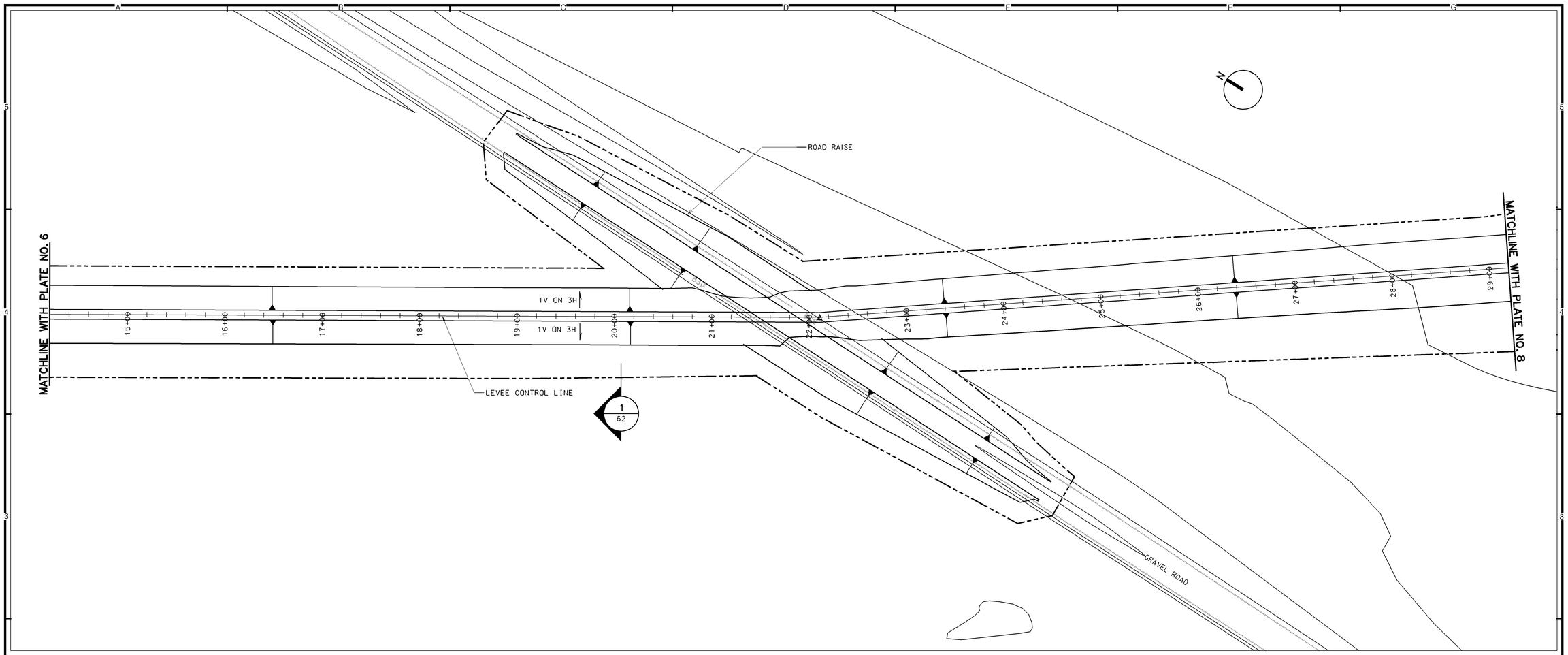
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 0+00 TO STA 14+20

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR001.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 6
SHT 6 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	41.42
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

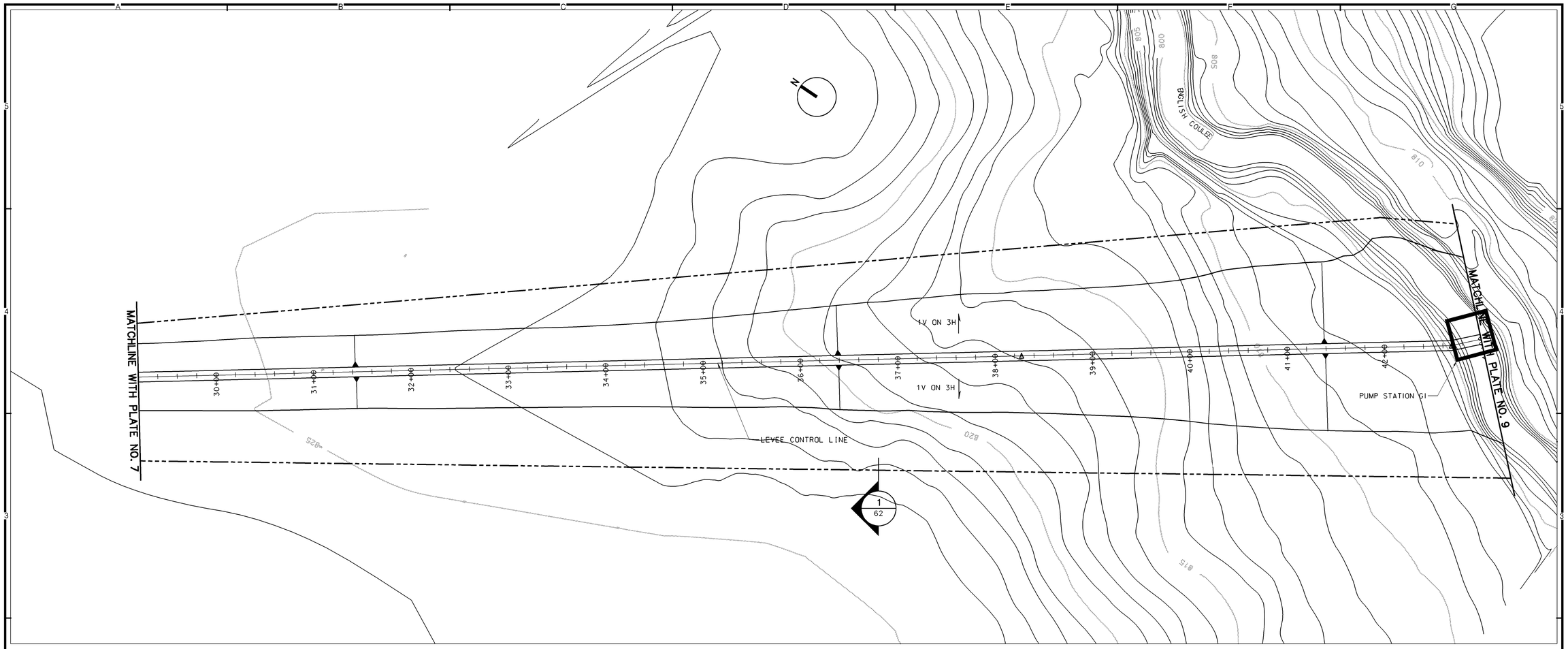
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 14+20 TO STA 29+20

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR002.DGN
DRAWING NUMBER: **PLATE NO. 7**
SHT 7 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	42
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 29+20 TO STA 43+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR003.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 8**
SHT 8 OF 166

PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	42,43
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 43+00 TO STA 57+40

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR004.DGN

SOL. NO:

DRAWING NUMBER: **PLATE NO. 9**

SHT 9 OF 166

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	43
3. TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

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SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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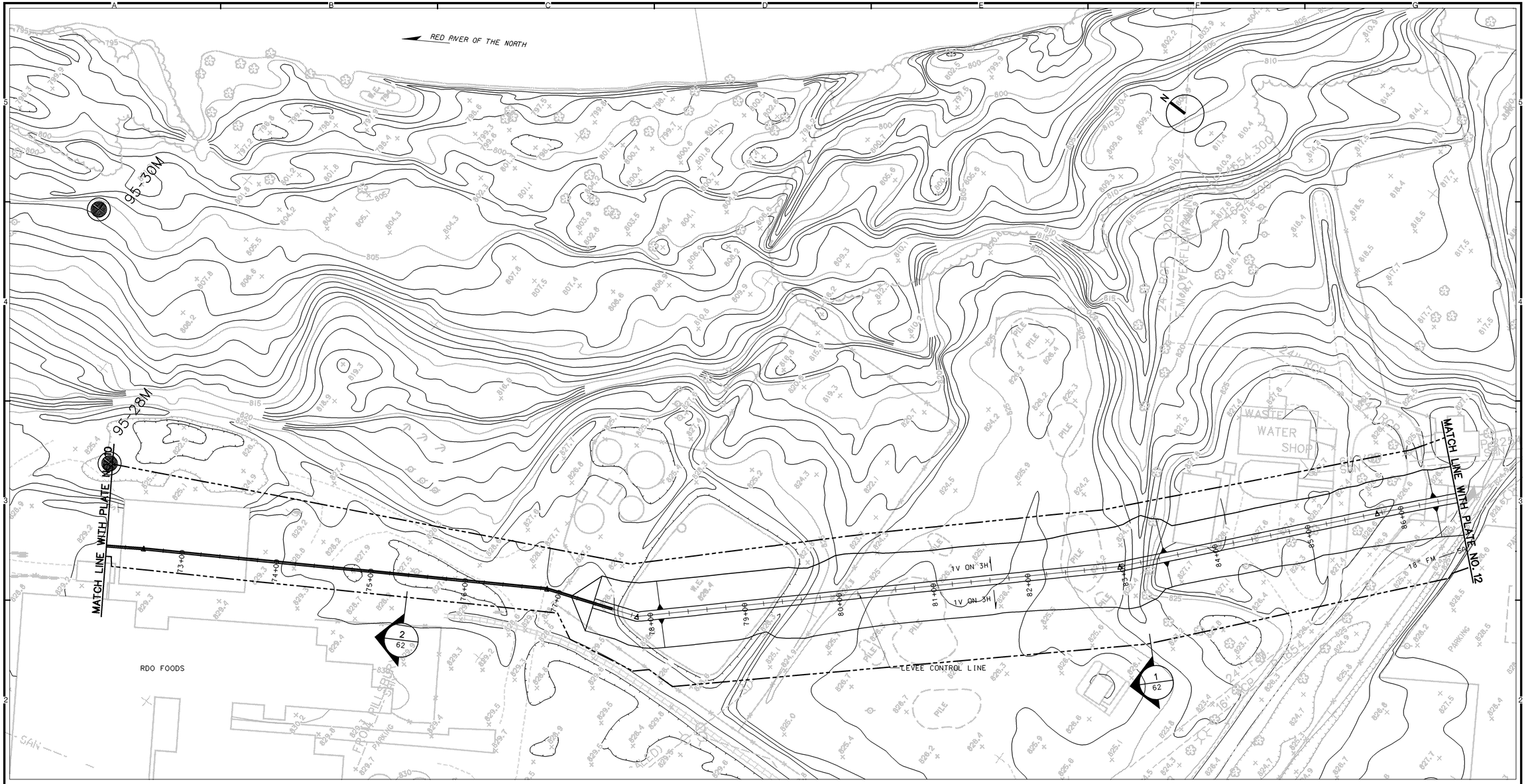
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 57+40 TO STA 72+20

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR005.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 10**
SHT 10 OF 166



PLAN

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SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	43.44
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 72+20 TO STA 86+60

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

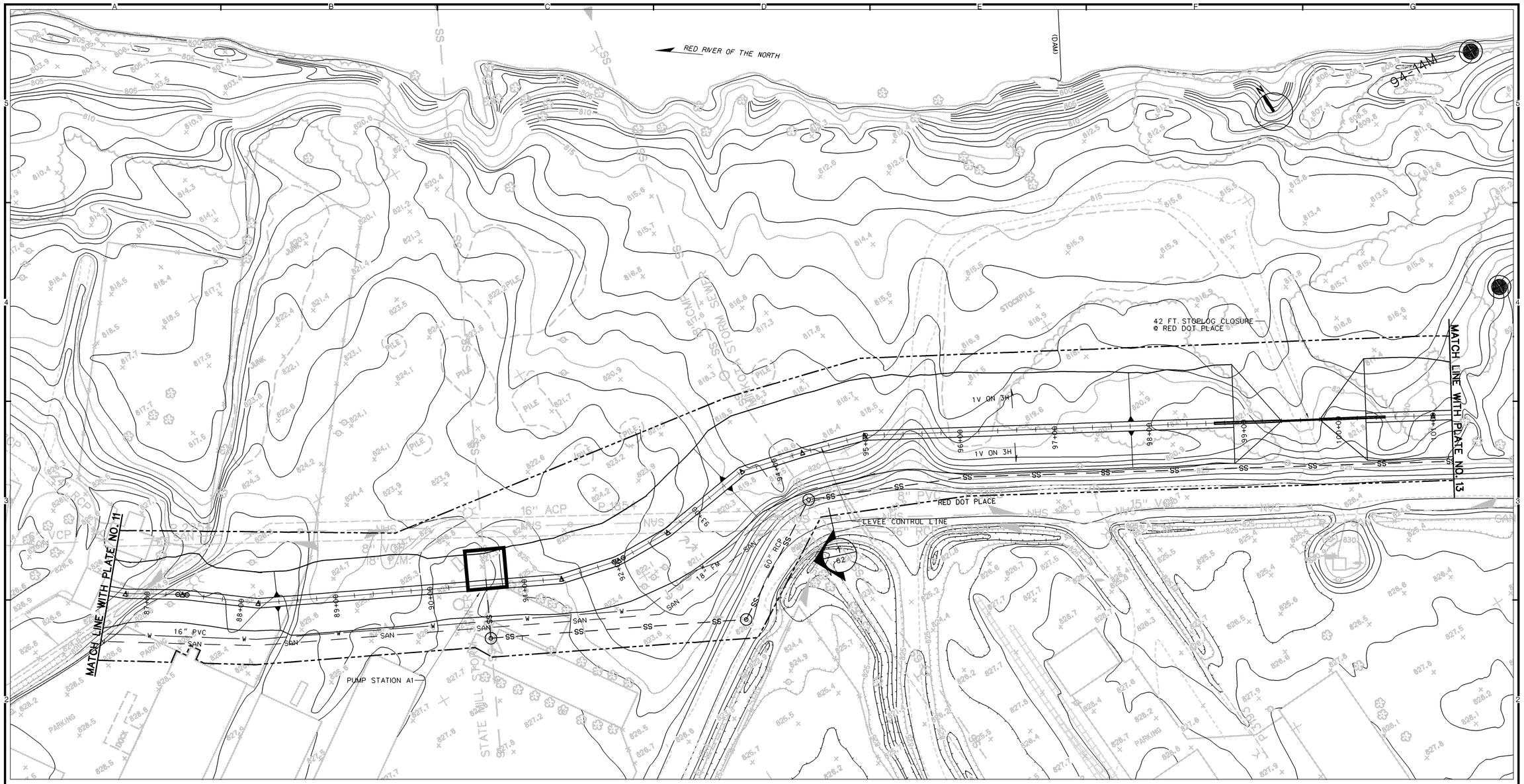
DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR006.DGN

SOL. NO:

DRAWING NUMBER: **PLATE NO. 11**

SHT 11 OF 166



REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	44.45
3. TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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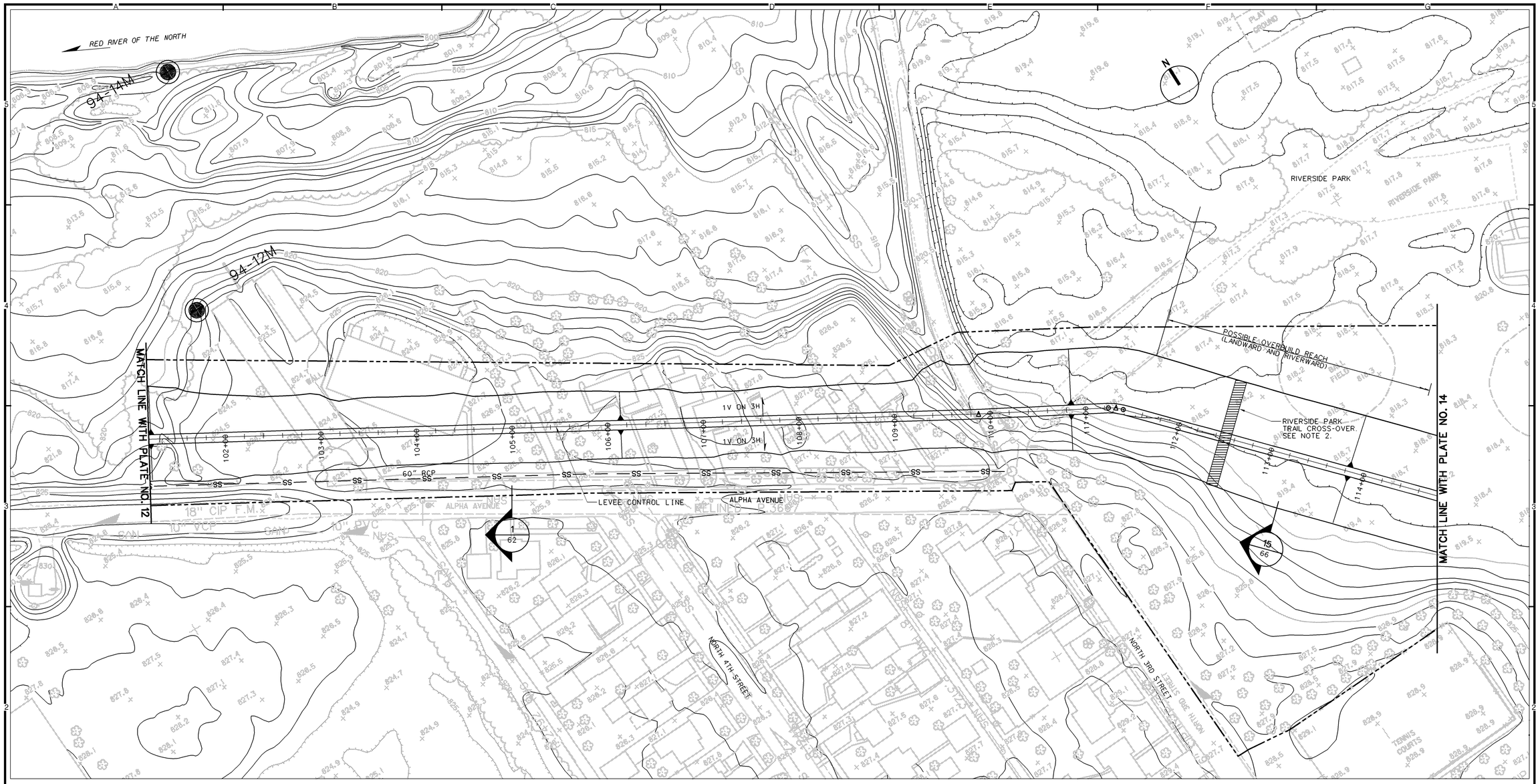
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 86+60 TO STA 101+20

PE-O	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR007.DGN
DRAWING NUMBER: **PLATE NO. 12**
SHT 12 OF 166
DATE: NOVEMBER 1998
SOL. NO:



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	45
3.	TYPICAL SECTIONS	62,66

PLAN

50 0 50 100

SCALE IN FEET

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 101+20 TO STA 114+80

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

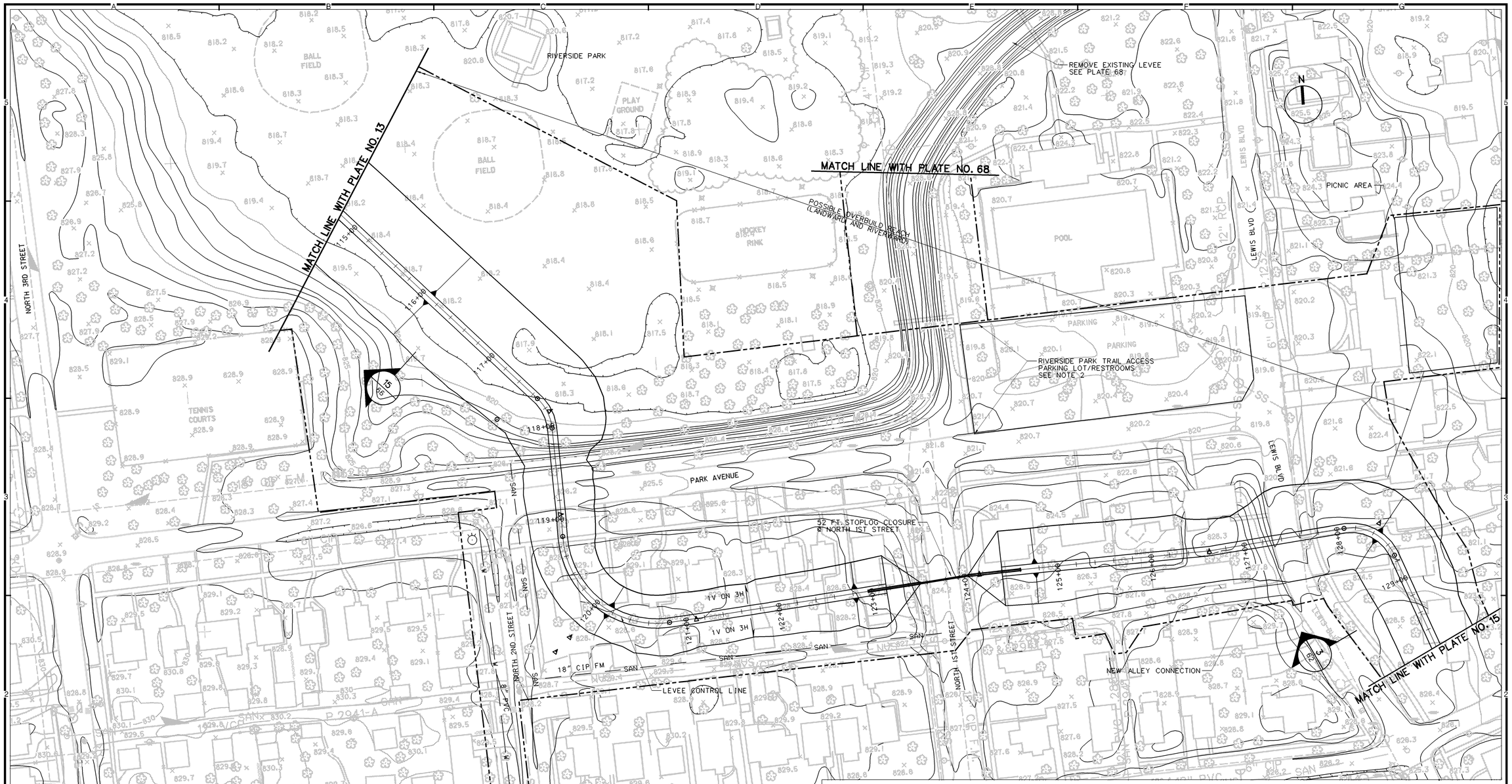
DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR008.DGN

SOL. NO:

DRAWING NUMBER: **PLATE NO. 13**

SHT 13 OF 166



REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	45.46
3. TYPICAL SECTIONS	62.66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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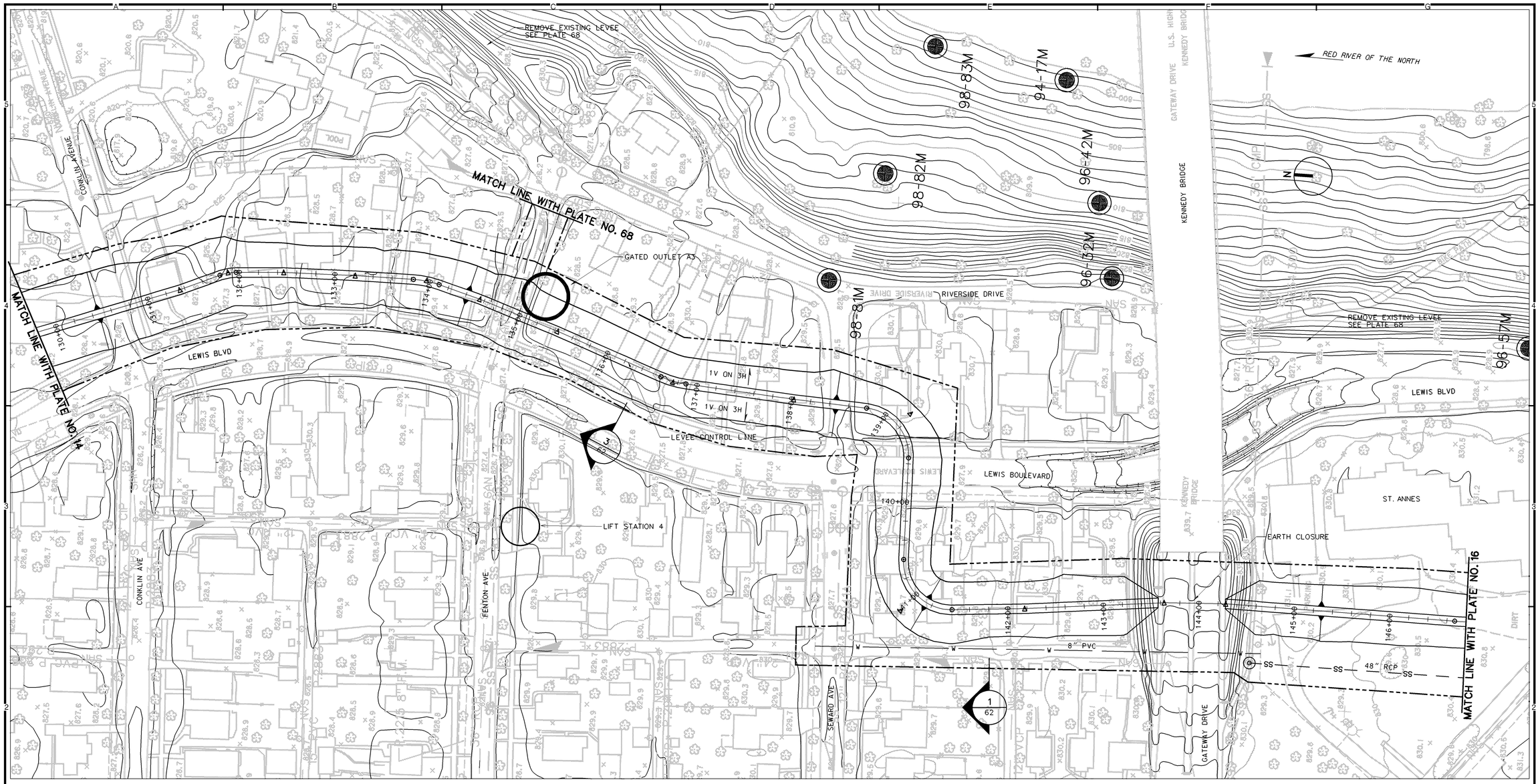
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 114+80 TO STA 129+80

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR009.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 14**
SHT 14 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	46
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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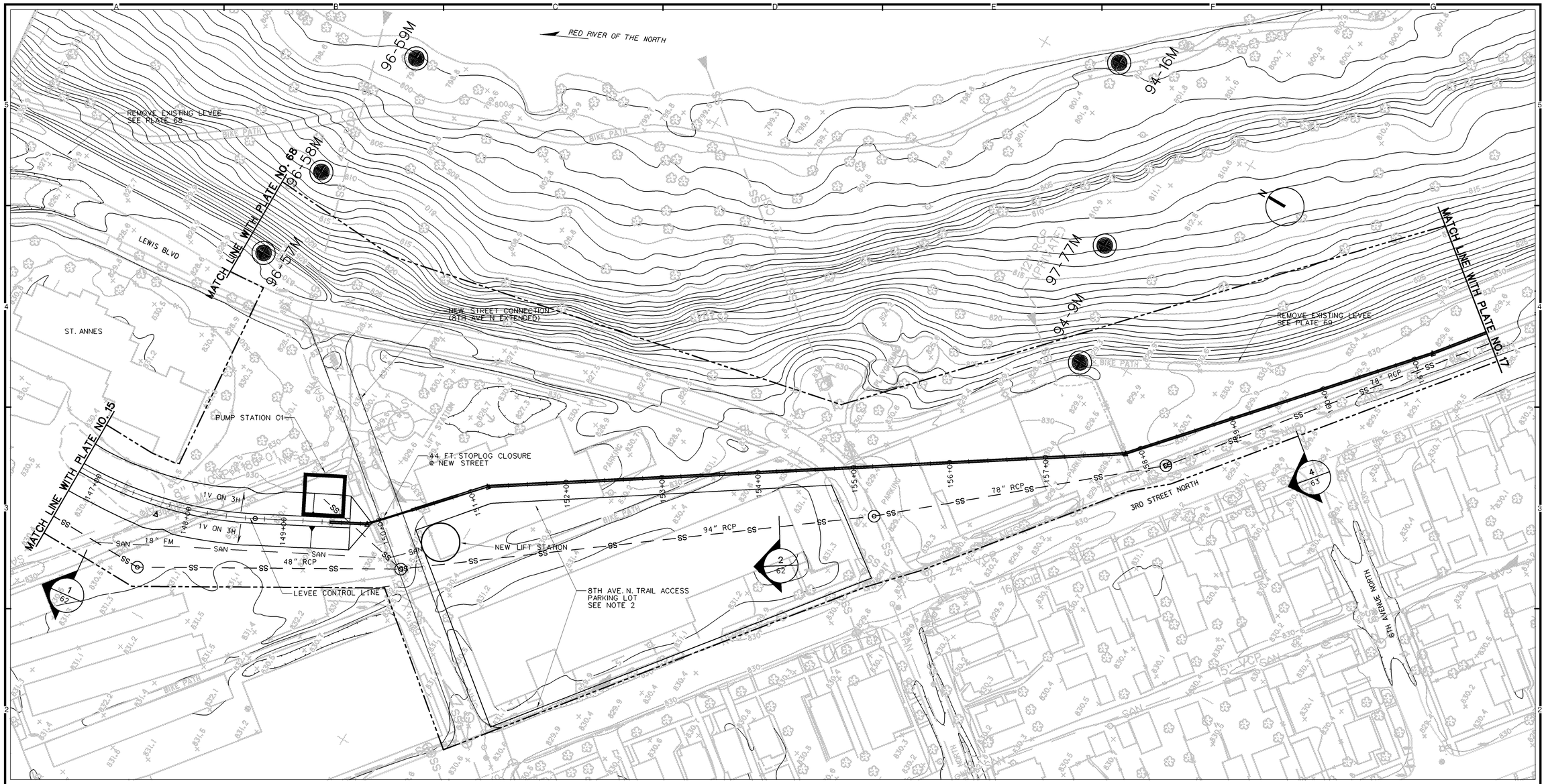
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 129+80 TO STA 146+80

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR010.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 15**
SHT 15 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	46,47
3.	TYPICAL SECTIONS	62,63

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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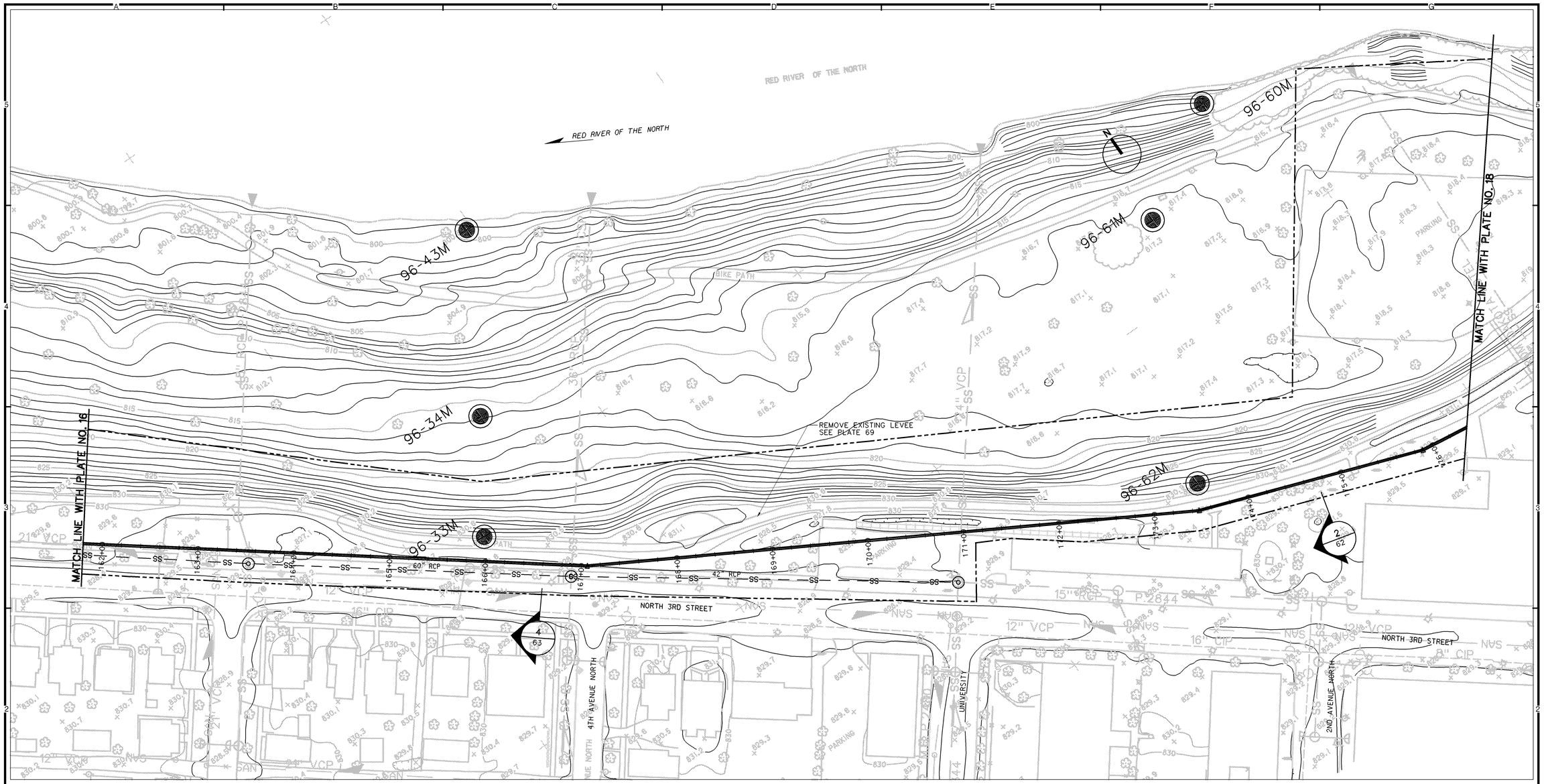
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 146+80 TO STA 161+80

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR011.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 16**
SHT 16 OF 166



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	47.48
3.	TYPICAL SECTIONS	62.63

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

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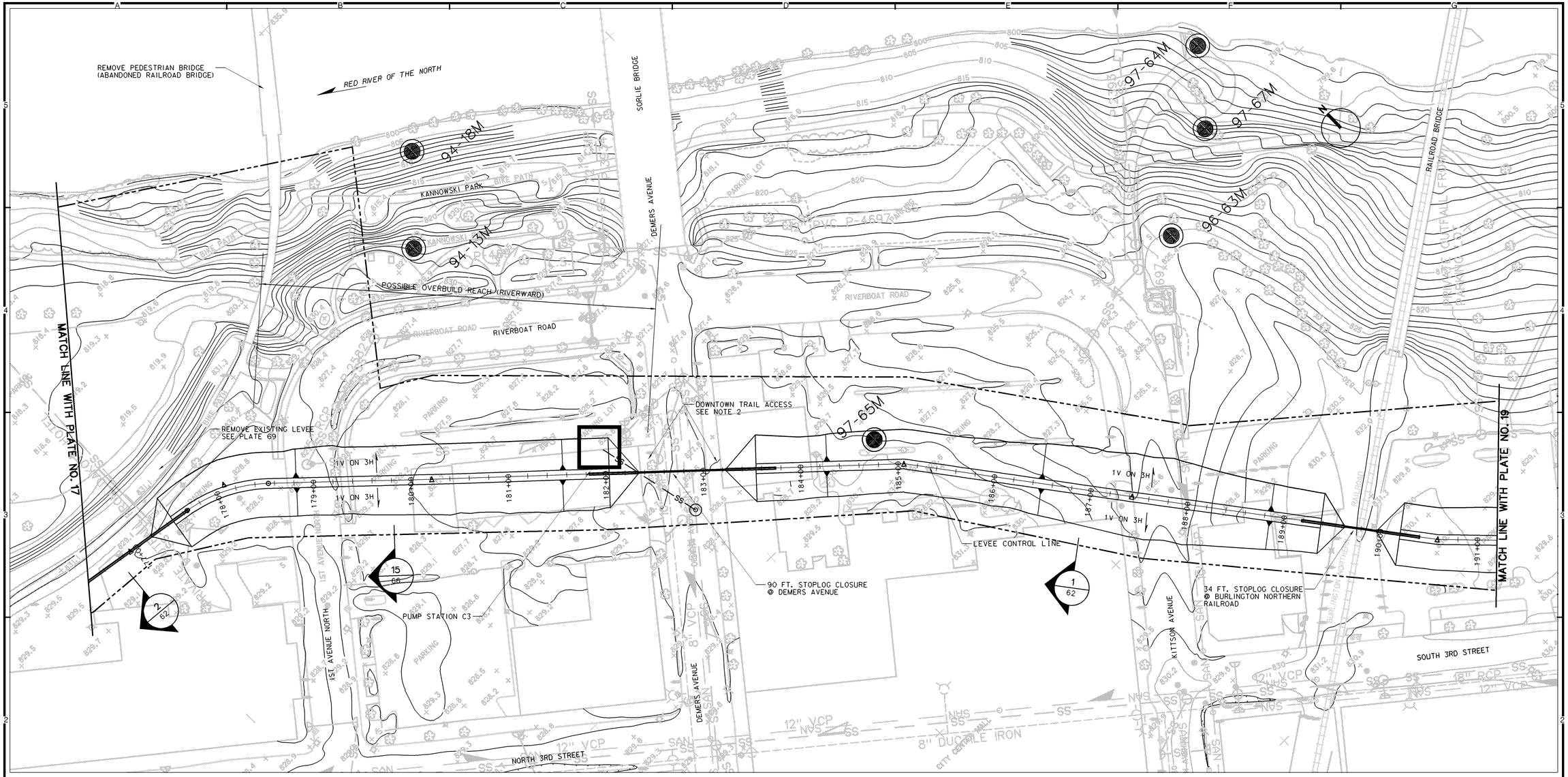
DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 161+80 TO STA 176+40

PE-O	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR012.DGN
DRAWING NUMBER: **PLATE NO. 17**
SHT 17 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	48
3.	TYPICAL SECTIONS	62.66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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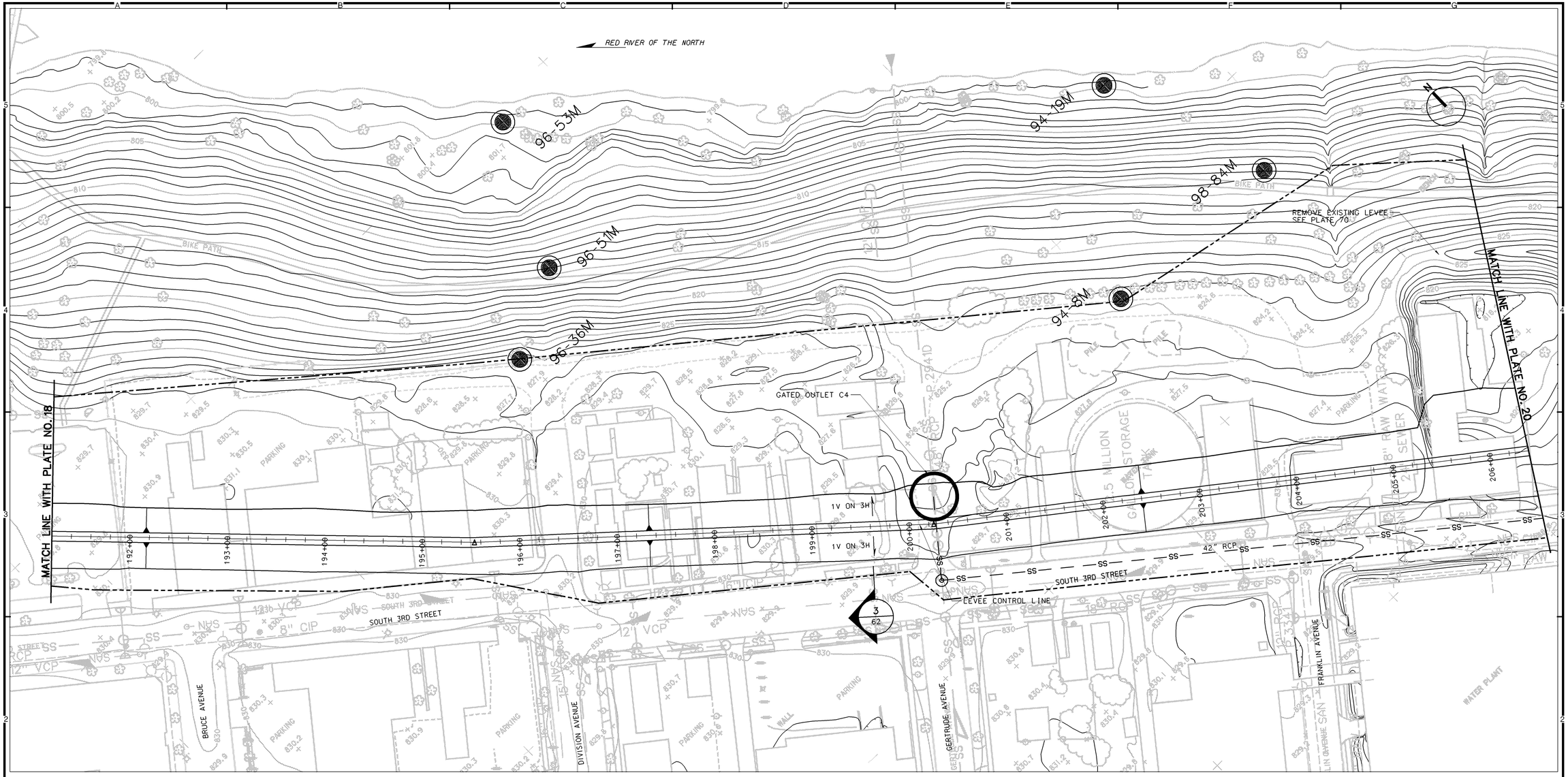
DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 176+40 TO STA 191+20

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR013.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 18**
SHT 18 OF 166



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	48,49
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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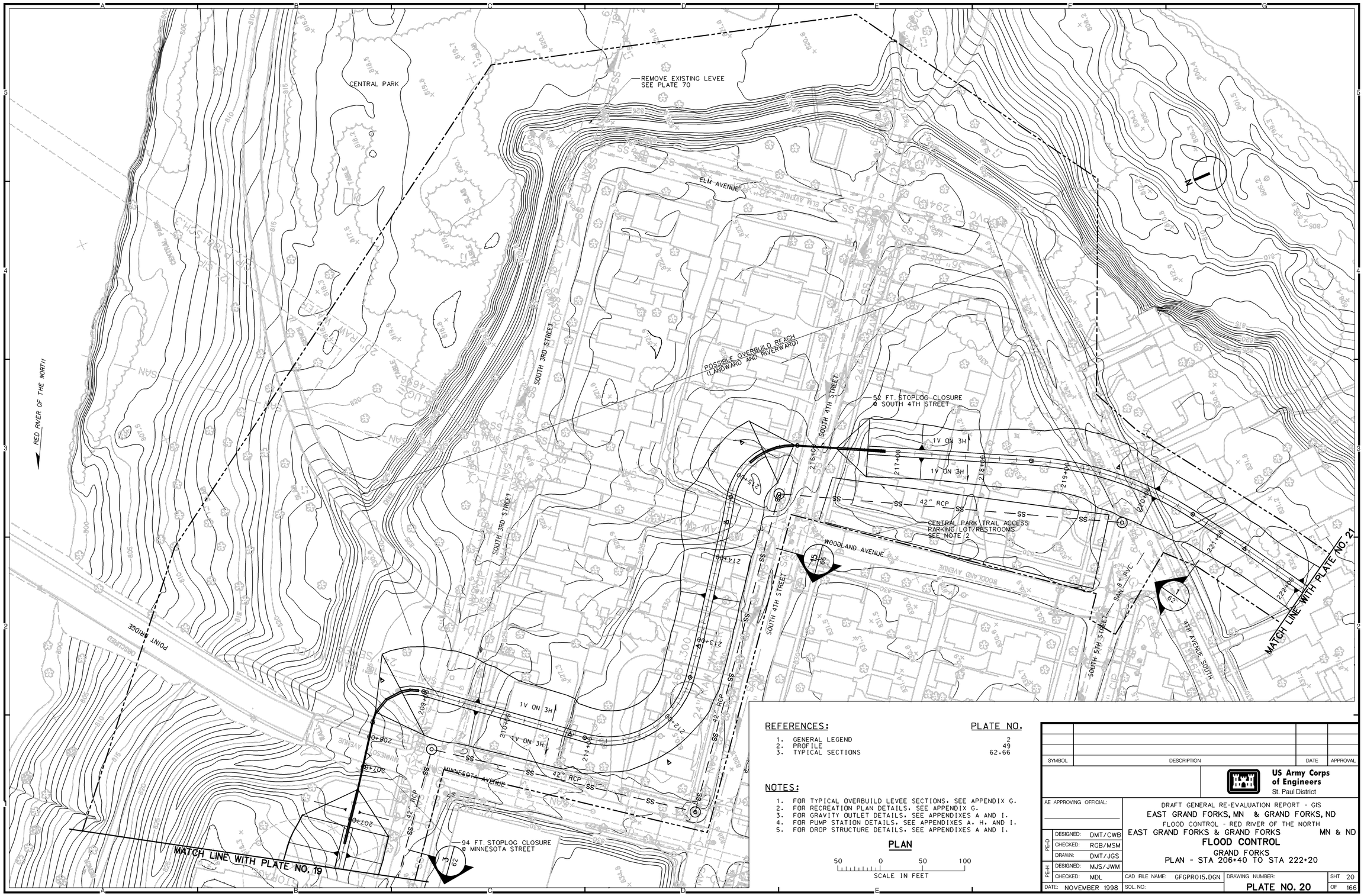
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 191+20 TO STA 206+40

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR014.DGN
DRAWING NUMBER: **PLATE NO. 19**
SHT 19 OF 166
DATE: NOVEMBER 1998
SOL. NO:



REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	49
3. TYPICAL SECTIONS	62.66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

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SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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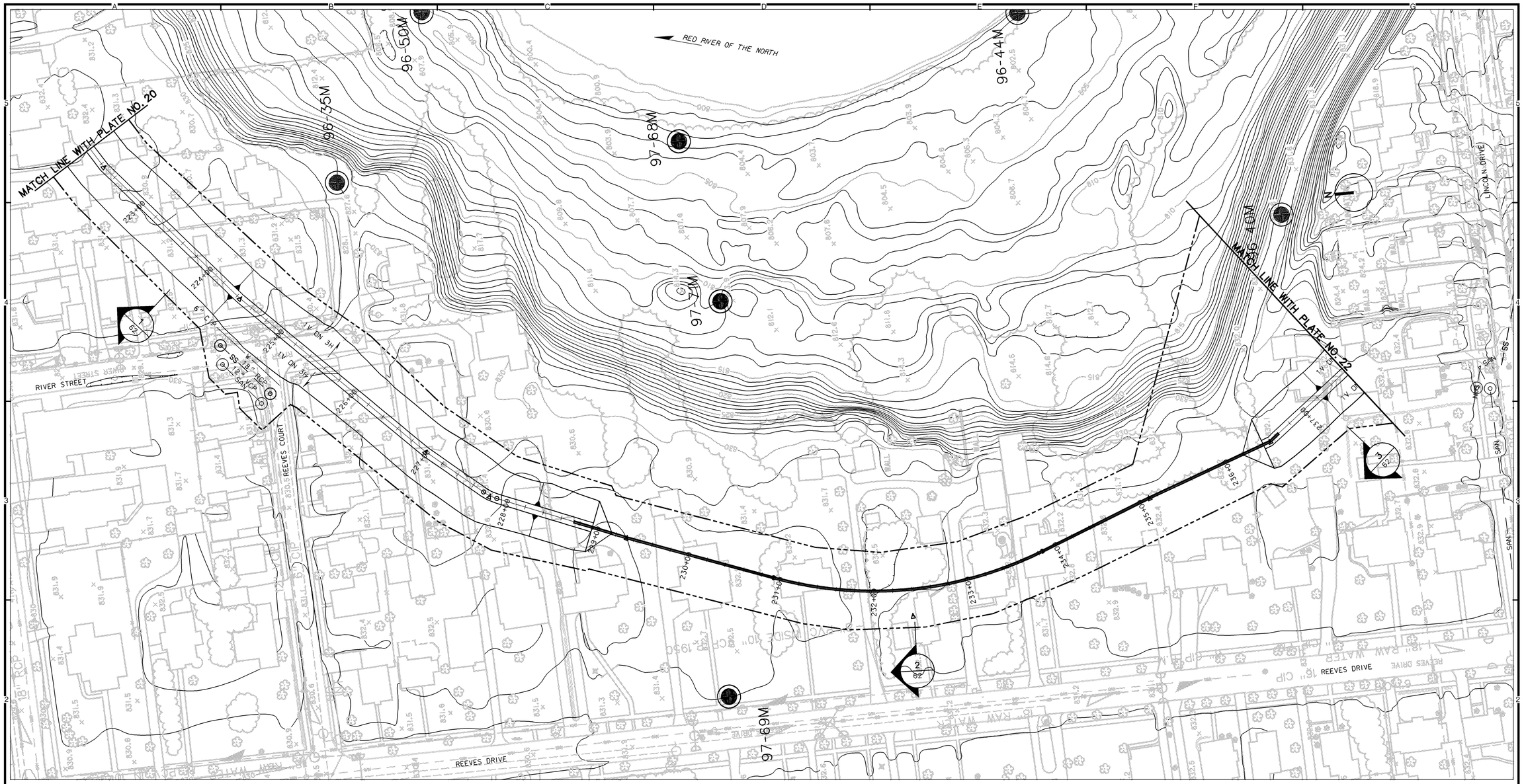
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 206+40 TO STA 222+20

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL
DATE:	NOVEMBER 1998	

CAD FILE NAME: GFGPR015.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 20
SHT 20 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	49.50
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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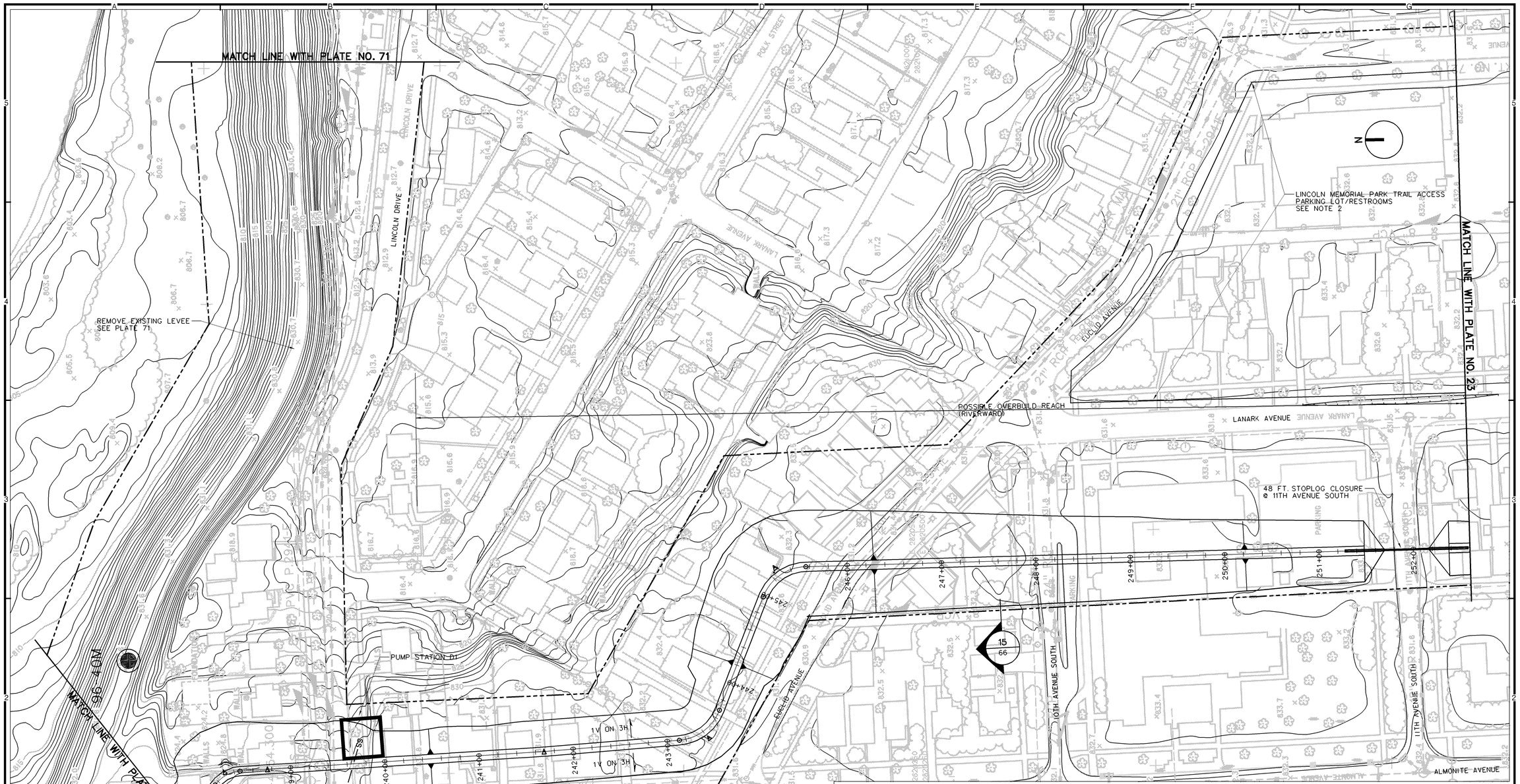
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 222+20 TO STA 237+60

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR016.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 21**
SHT 21 OF 166



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	50.51
3.	TYPICAL SECTIONS	62.66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

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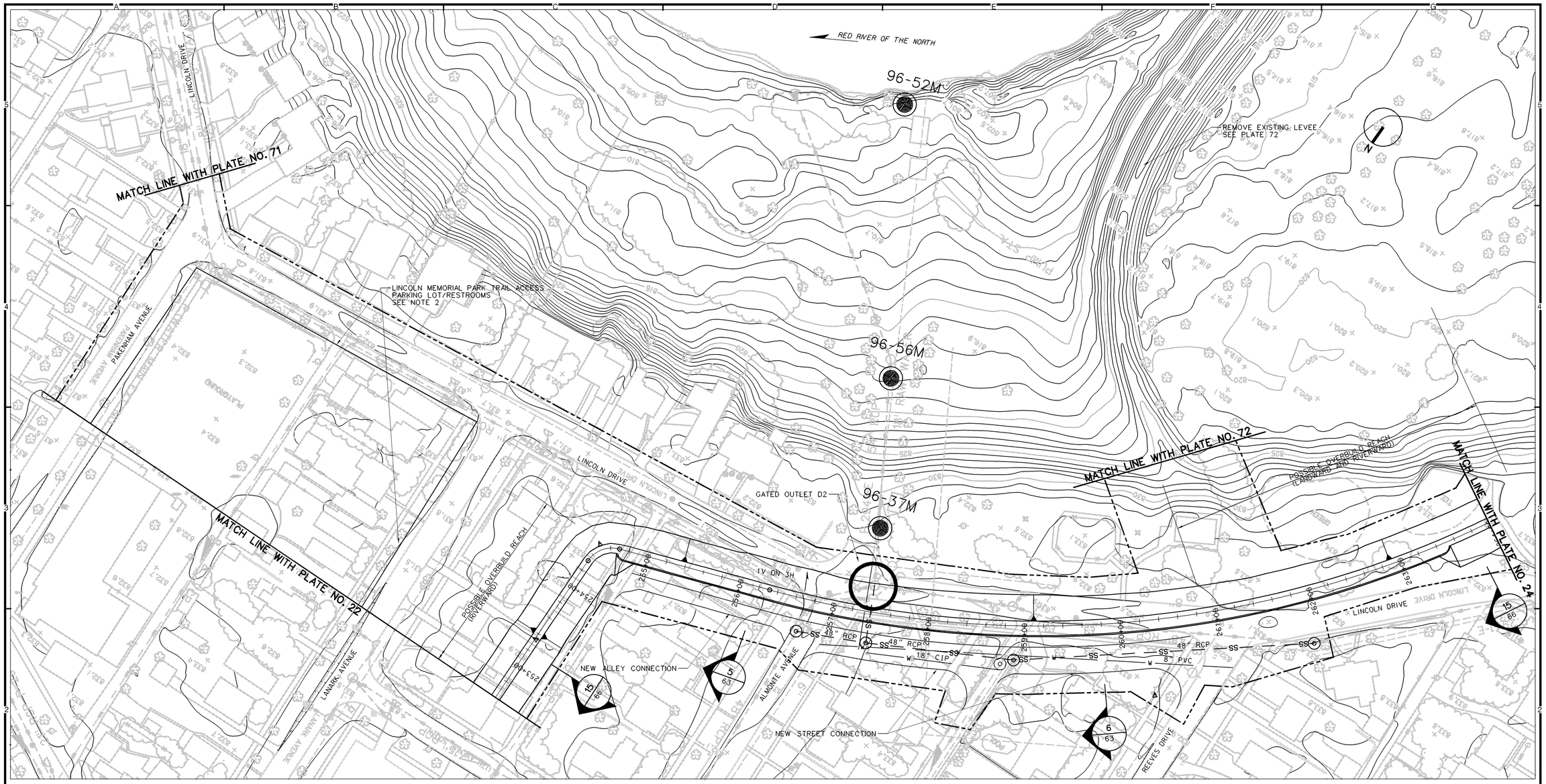
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 237+60 TO STA 252+60

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL
DATE: NOVEMBER 1998		

CAD FILE NAME: GFGPR017.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 22**
SHT 22 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	51
3.	TYPICAL SECTIONS	63.66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

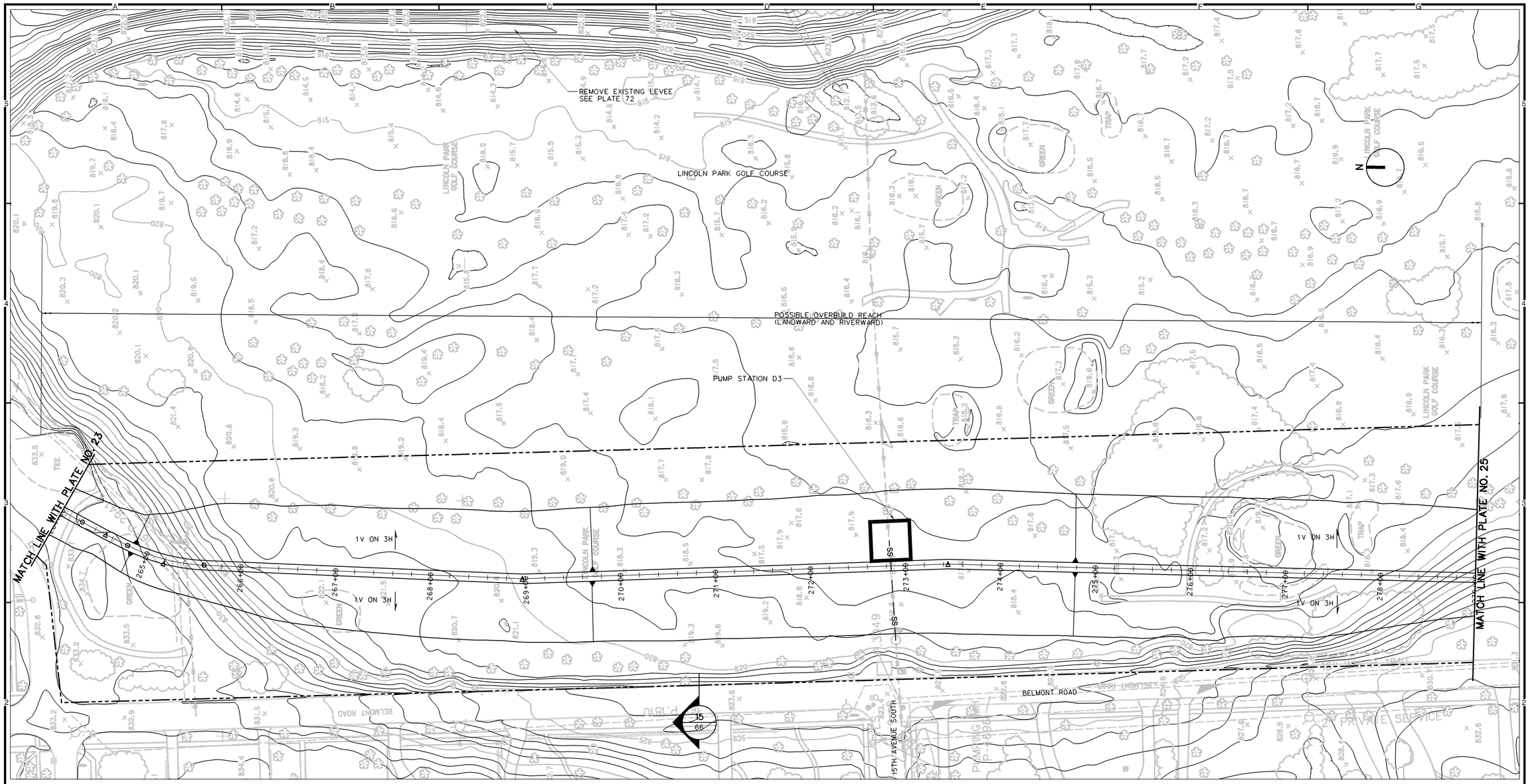
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 252+60 TO STA 264+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR018.DGN
DRAWING NUMBER: **PLATE NO. 23**
SHT 23 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	51,52
3. TYPICAL SECTIONS	66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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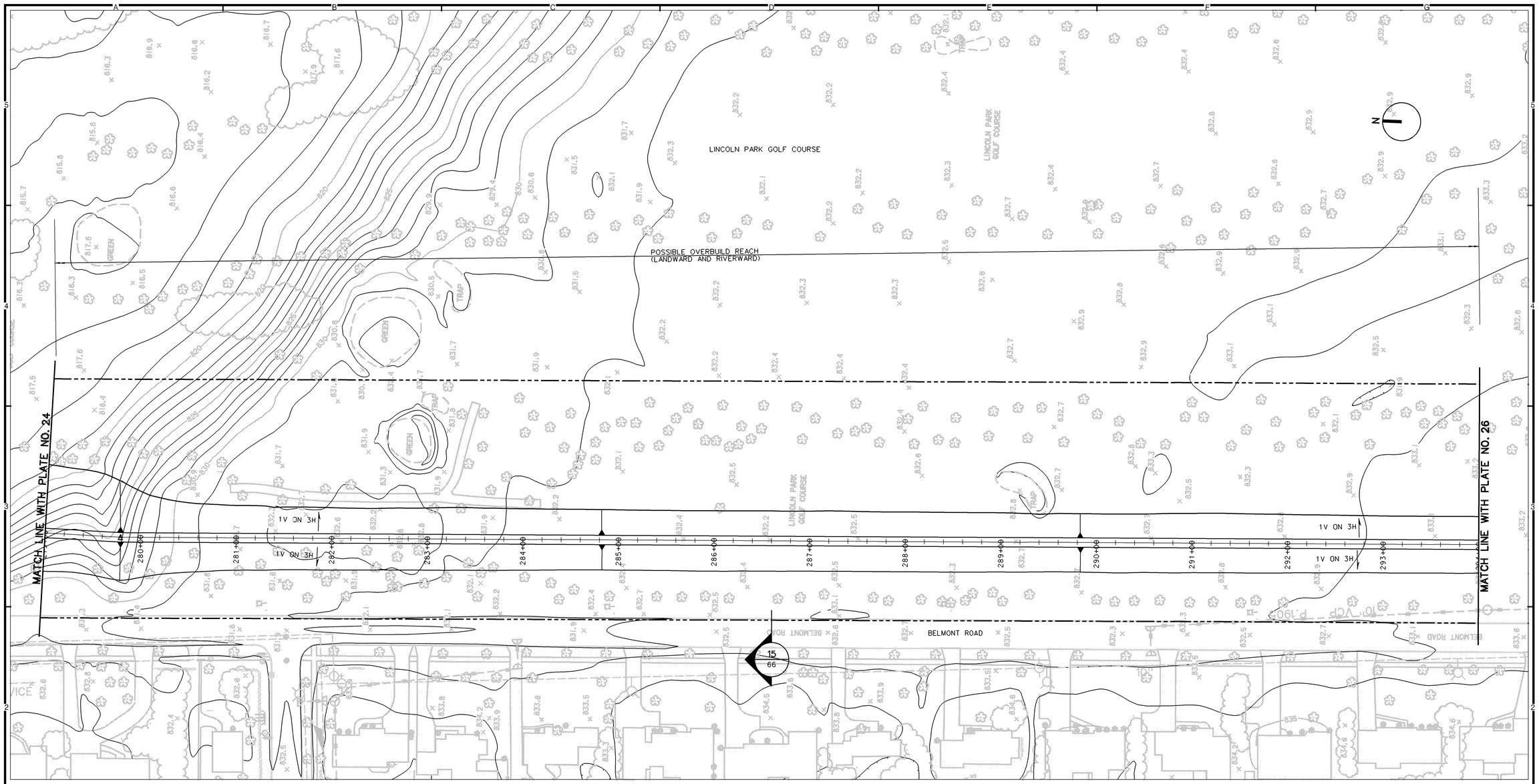
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 264+00 TO STA 279+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR019.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 24**
SHT 24 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	52
3. TYPICAL SECTIONS	66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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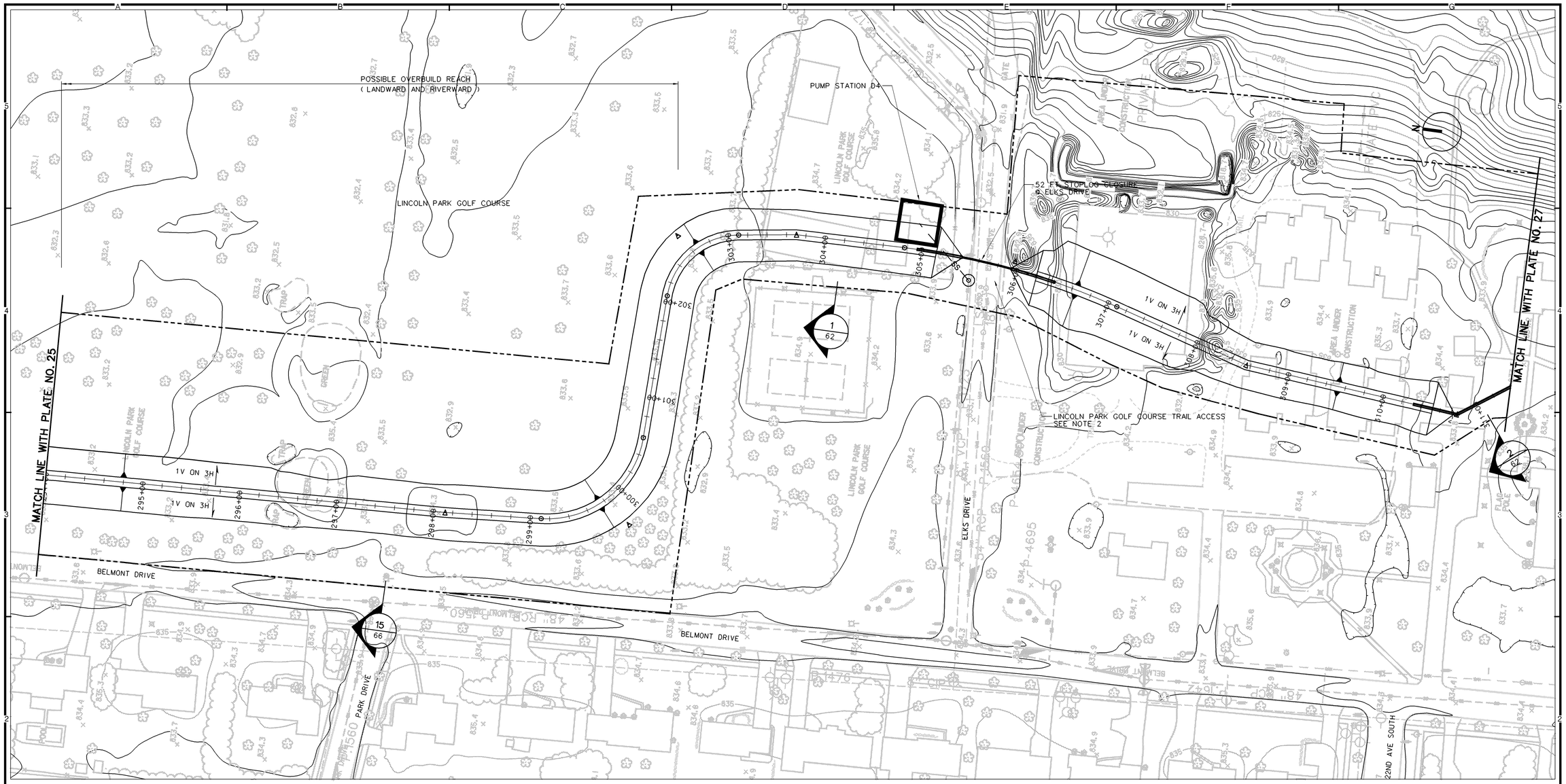
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 279+00 TO STA 294+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR020.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 25**
SHT 25 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	52.53
3.	TYPICAL SECTIONS	62.66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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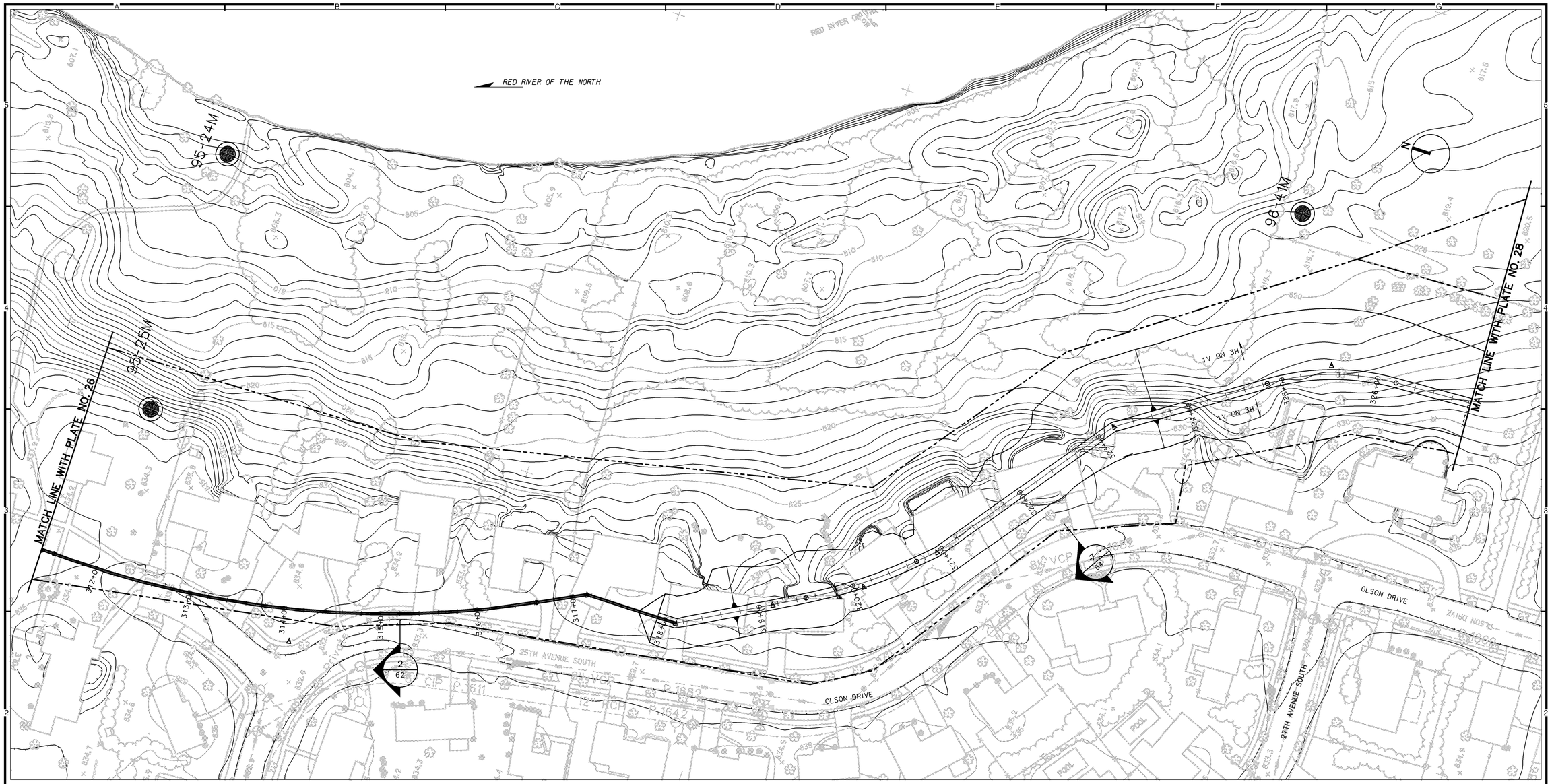
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 294+00 TO STA 311+40

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR021.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 26**
SHT 26 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	53.54
3.	TYPICAL SECTIONS	62.64

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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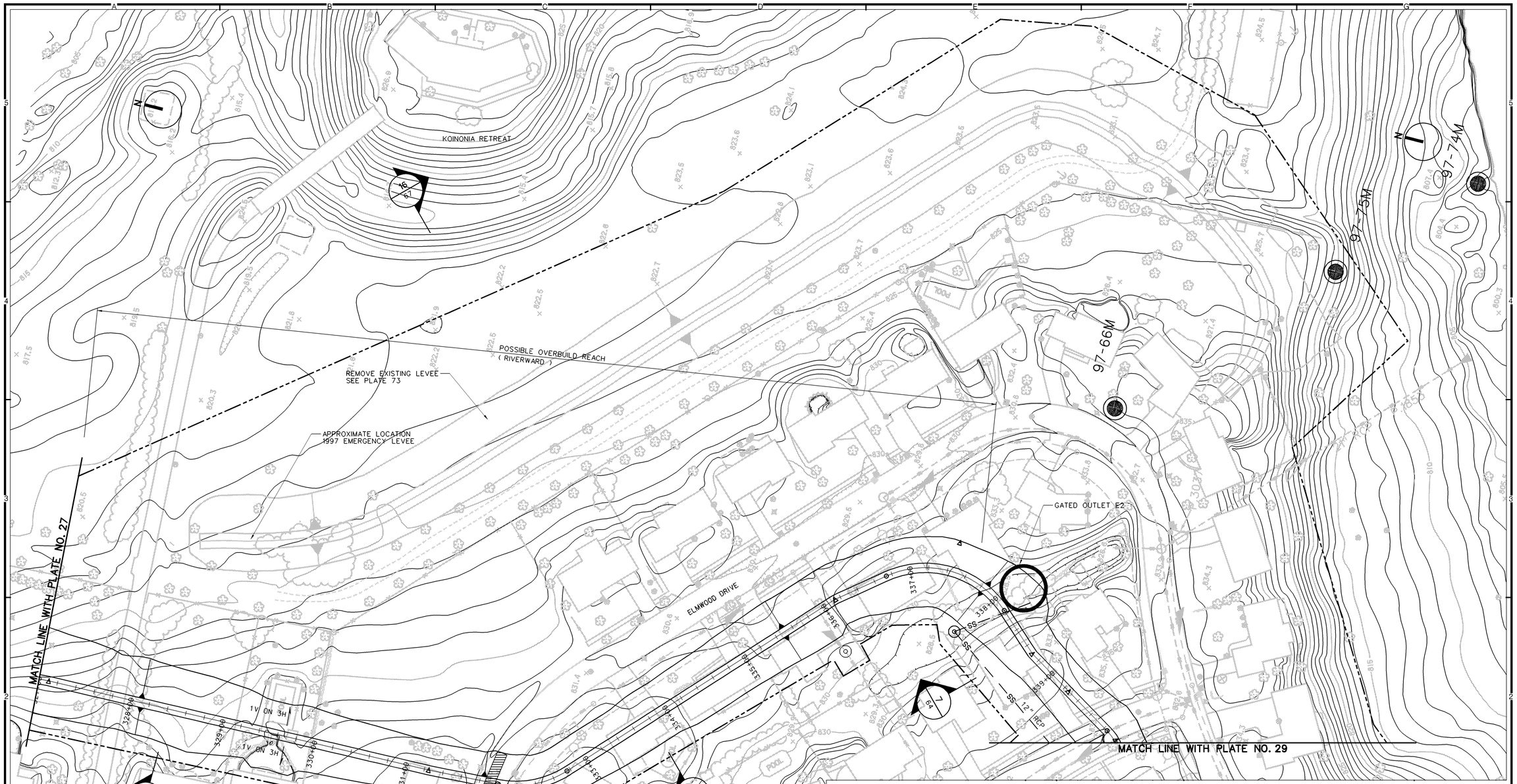
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 311+40 TO STA 327+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR022.DGN
DRAWING NUMBER: PLATE NO. 27
SHT 27 OF 166
DATE: NOVEMBER 1998
SOL. NO:



REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	54
3. TYPICAL SECTIONS	64.66

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100

SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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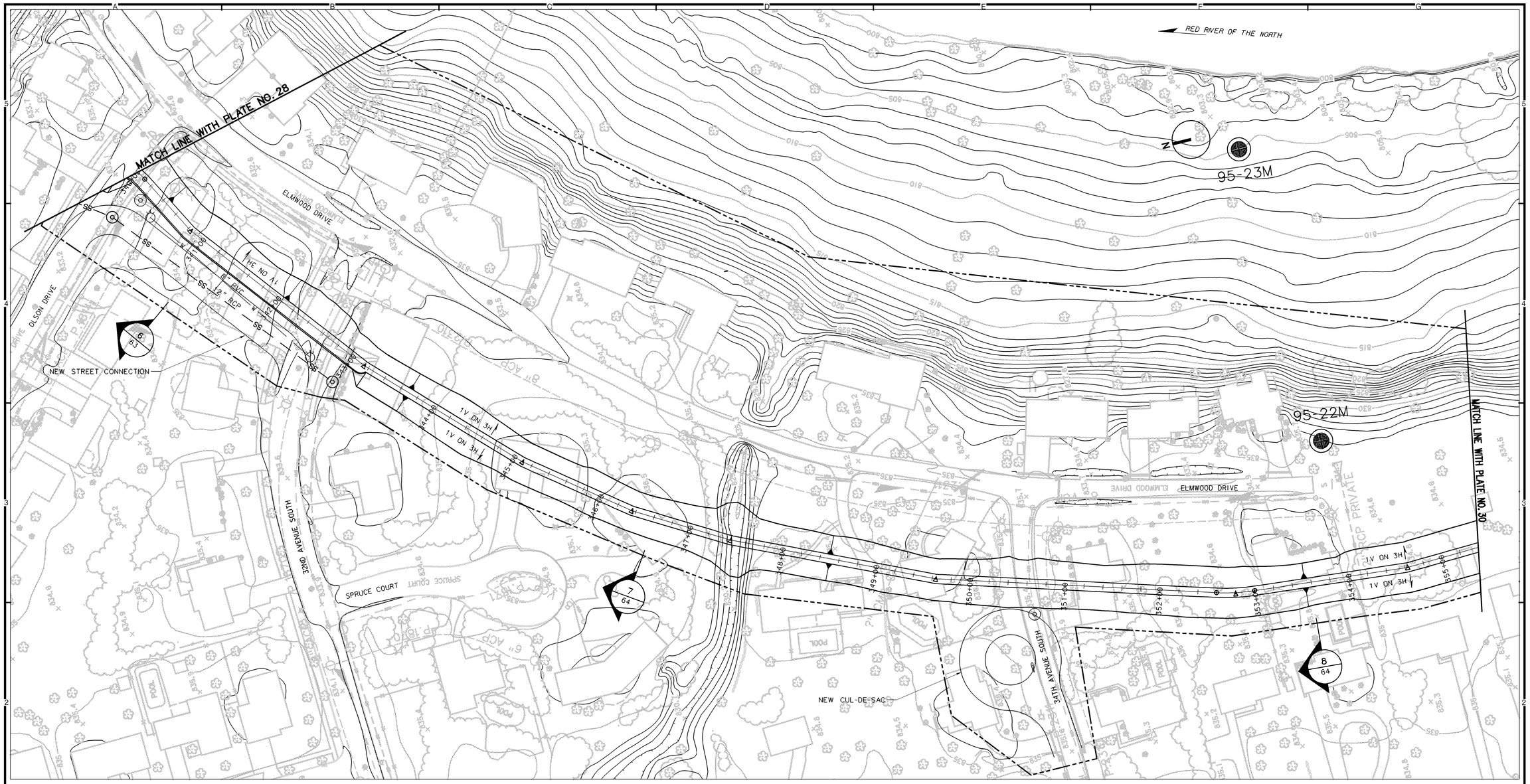
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 327+00 TO STA 340+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR023.DGN
DRAWING NUMBER: **PLATE NO. 28**
SHT 28 OF 166
DATE: NOVEMBER 1998
SOL. NO:



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	54.55
3.	TYPICAL SECTIONS	63.64

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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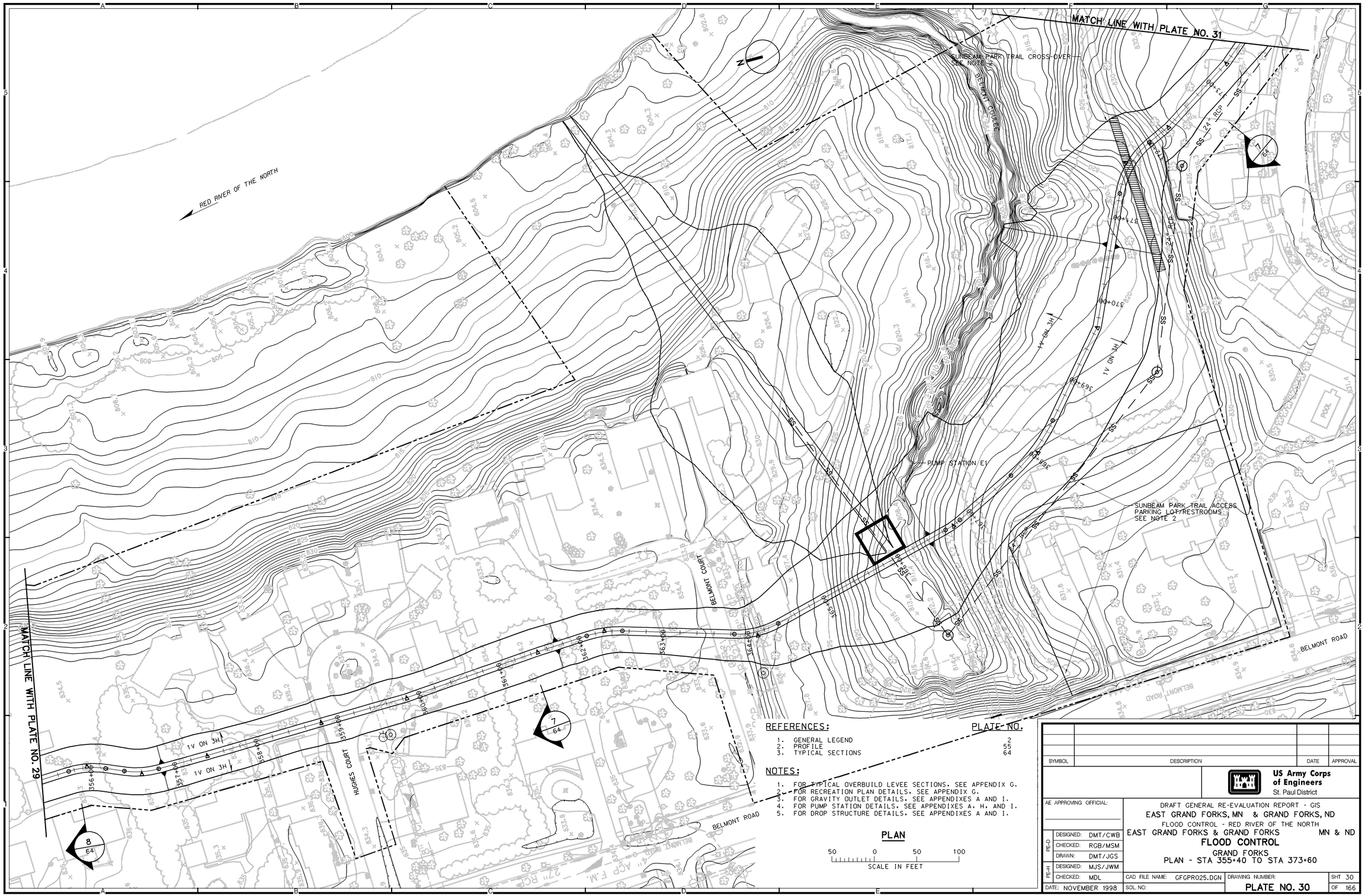
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 340+00 TO STA 355+40

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR024.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 29**
SHT 29 OF 166



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	55
3.	TYPICAL SECTIONS	64

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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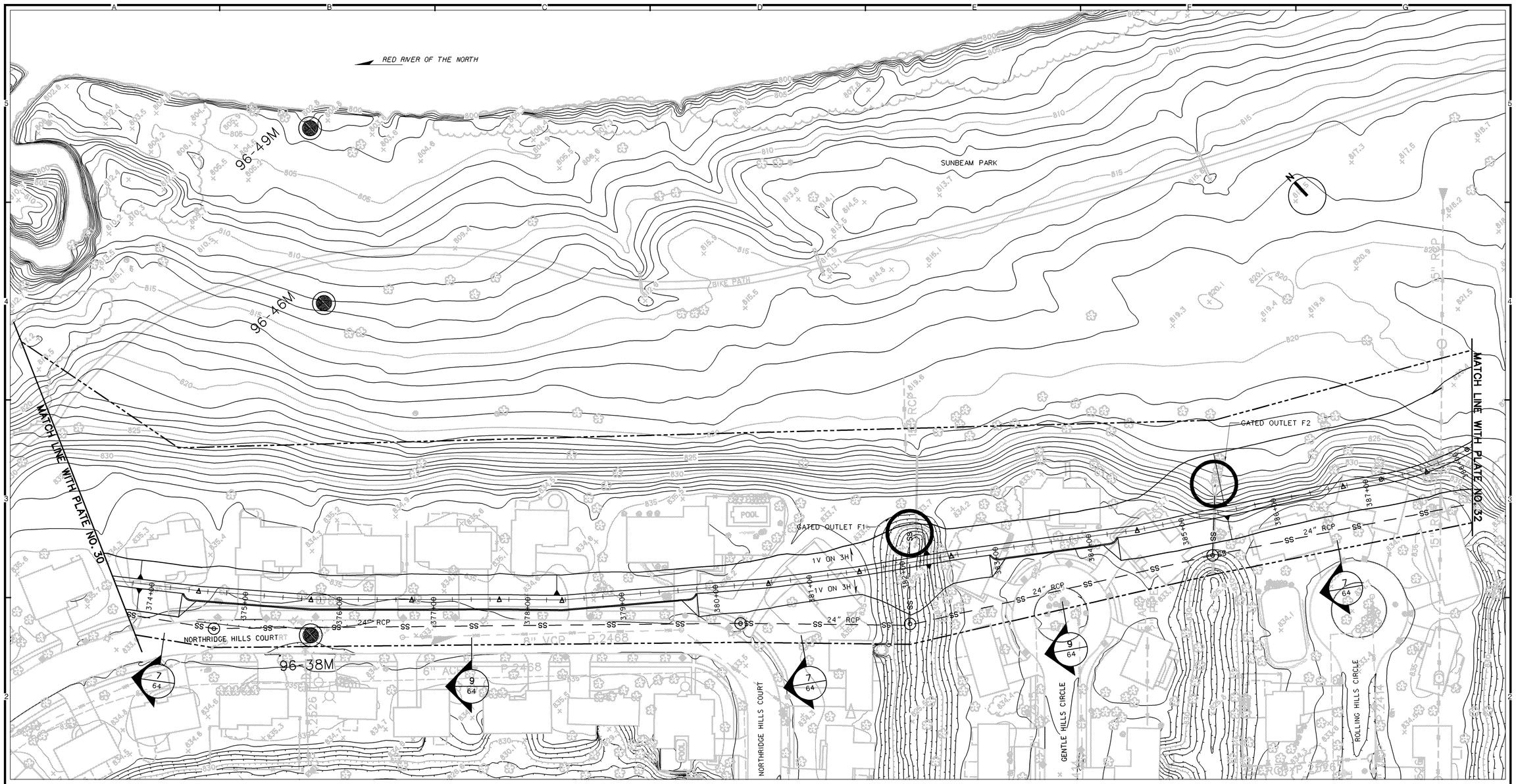
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 355+40 TO STA 373+60

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR025.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 30**
SHT 30 OF 166



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	55.56
3. TYPICAL SECTIONS	64

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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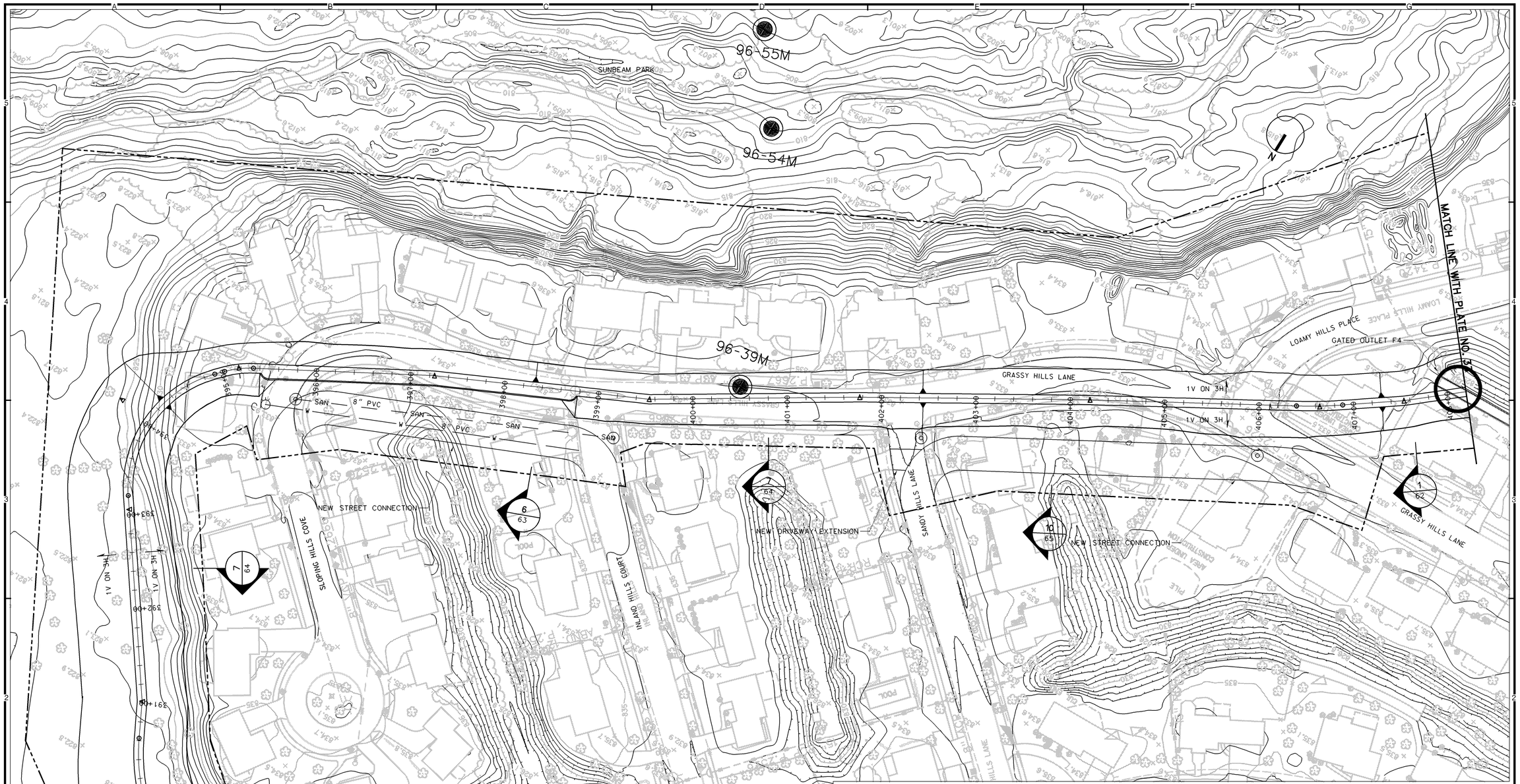
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 373+60 TO STA 388+20

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR026.DGN
DRAWING NUMBER: **PLATE NO. 31**
SHT 31 OF 166
DATE: NOVEMBER 1998
SOL NO:



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	56-57
3.	TYPICAL SECTIONS	62-65

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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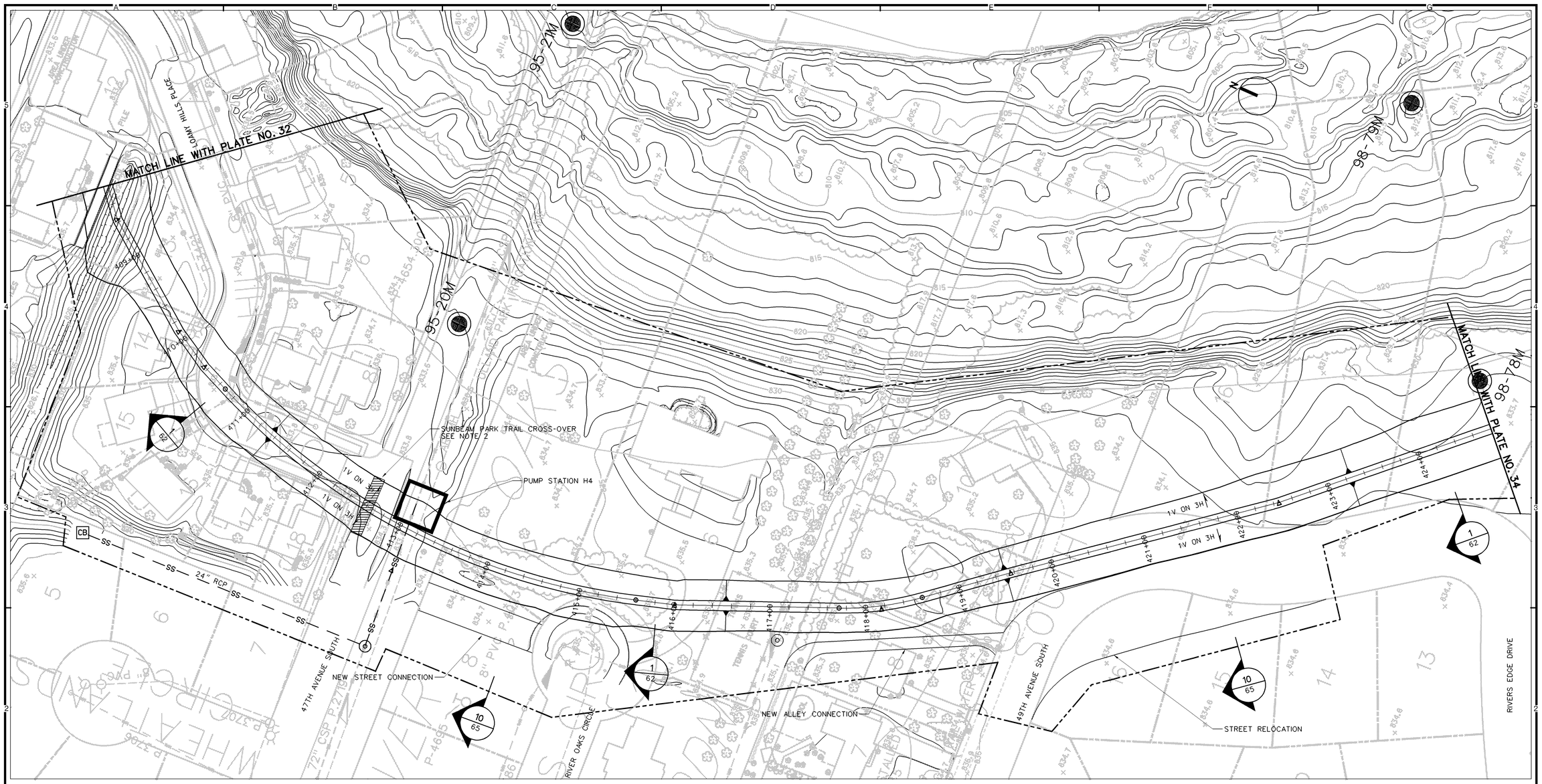
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 388+20 TO STA 408+20

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL
DATE:	NOVEMBER 1998	

CAD FILE NAME: GFGPR027.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 32
SHT 32 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	57
3.	TYPICAL SECTIONS	62,65

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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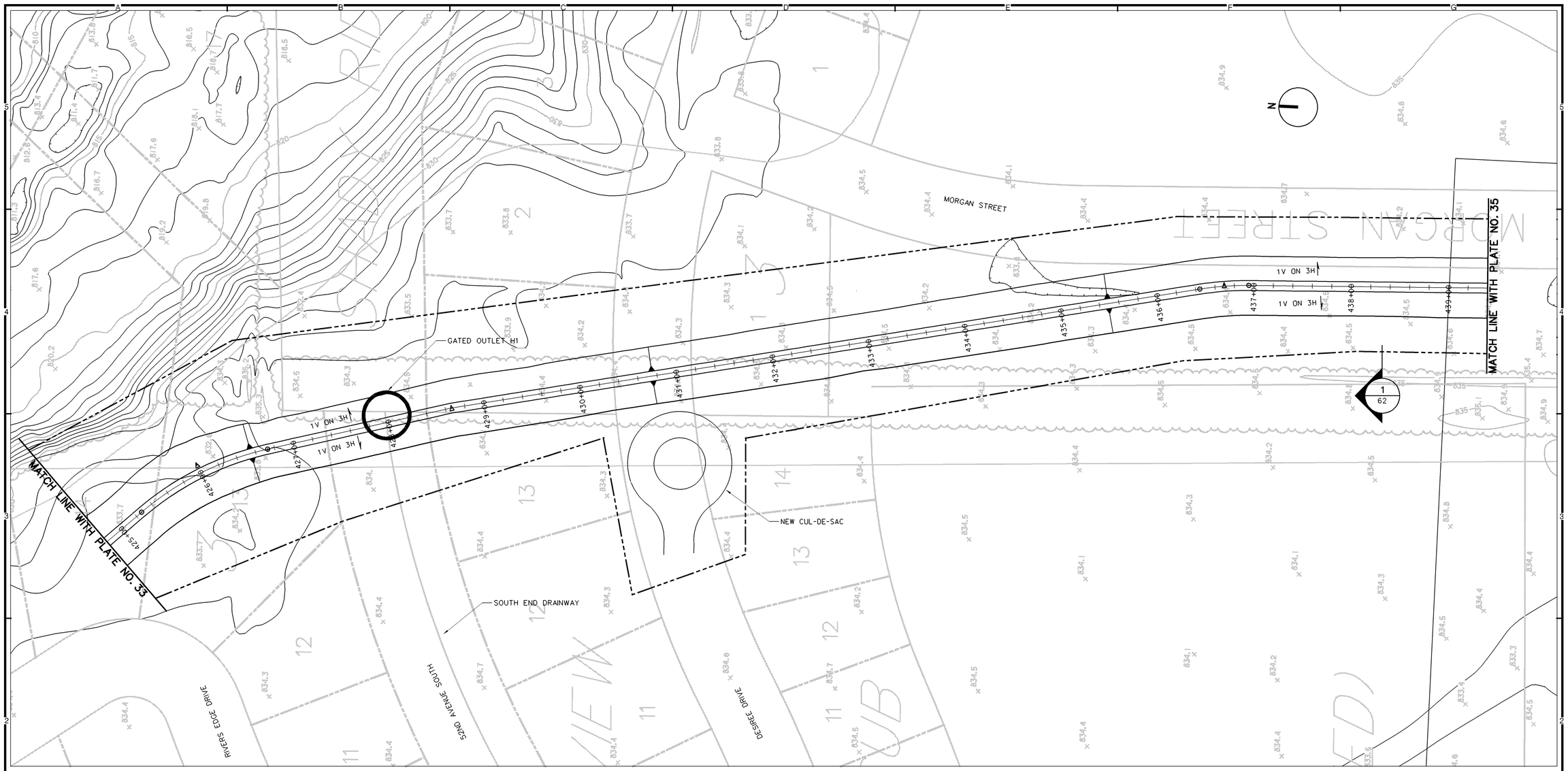
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 408+20 TO STA 424+80

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR028.DGN
DRAWING NUMBER: PLATE NO. 33
SHT 33 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	57.58
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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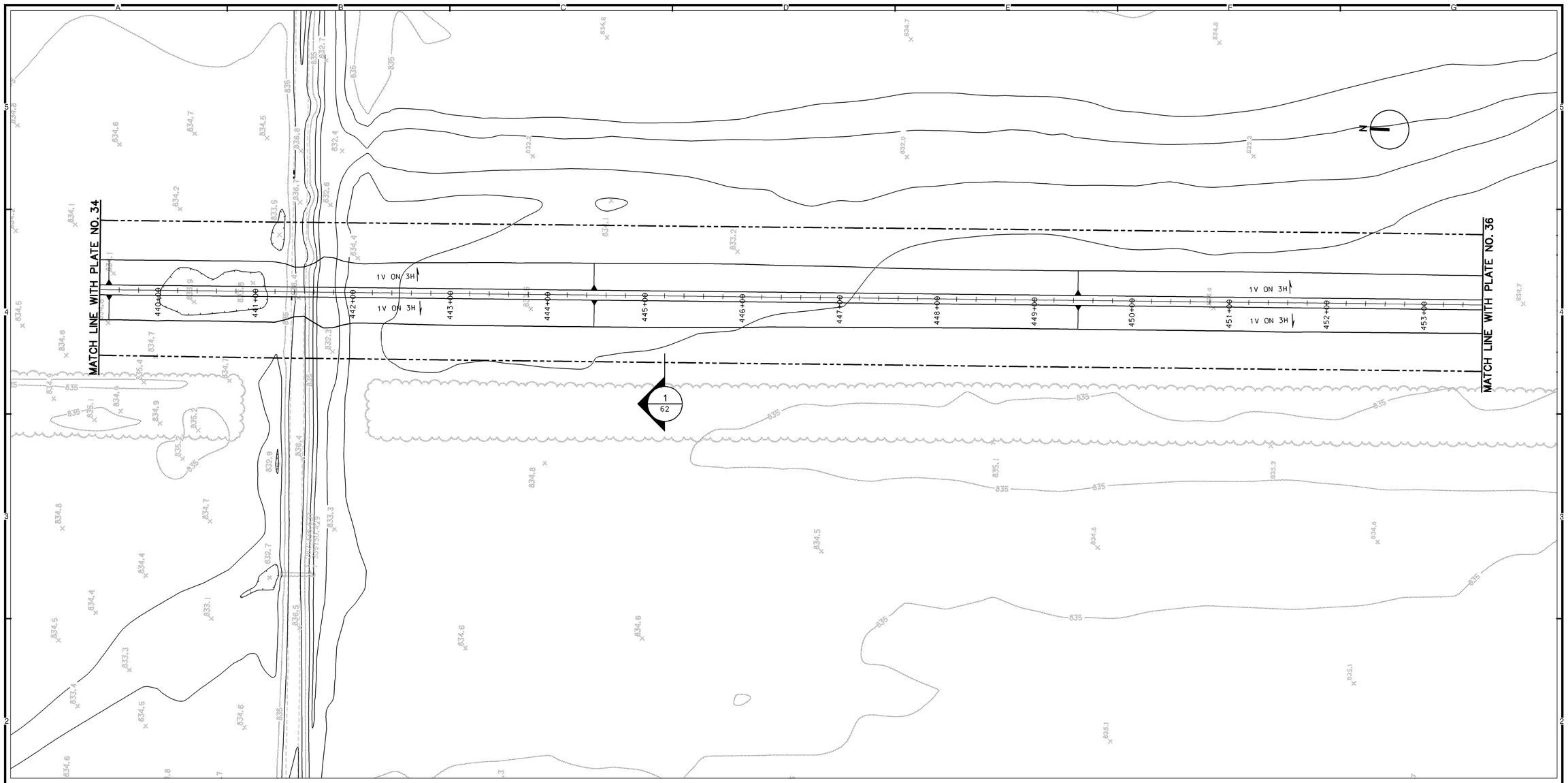
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 424+80 TO STA 439+40

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	DMT/JGS
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR029.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 34**
SHT 34 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	58.59
3.	TYPICAL SECTIONS	62

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS. SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS. SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS. SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS. SEE APPENDIXES A. H. AND I.
5. FOR DROP STRUCTURE DETAILS. SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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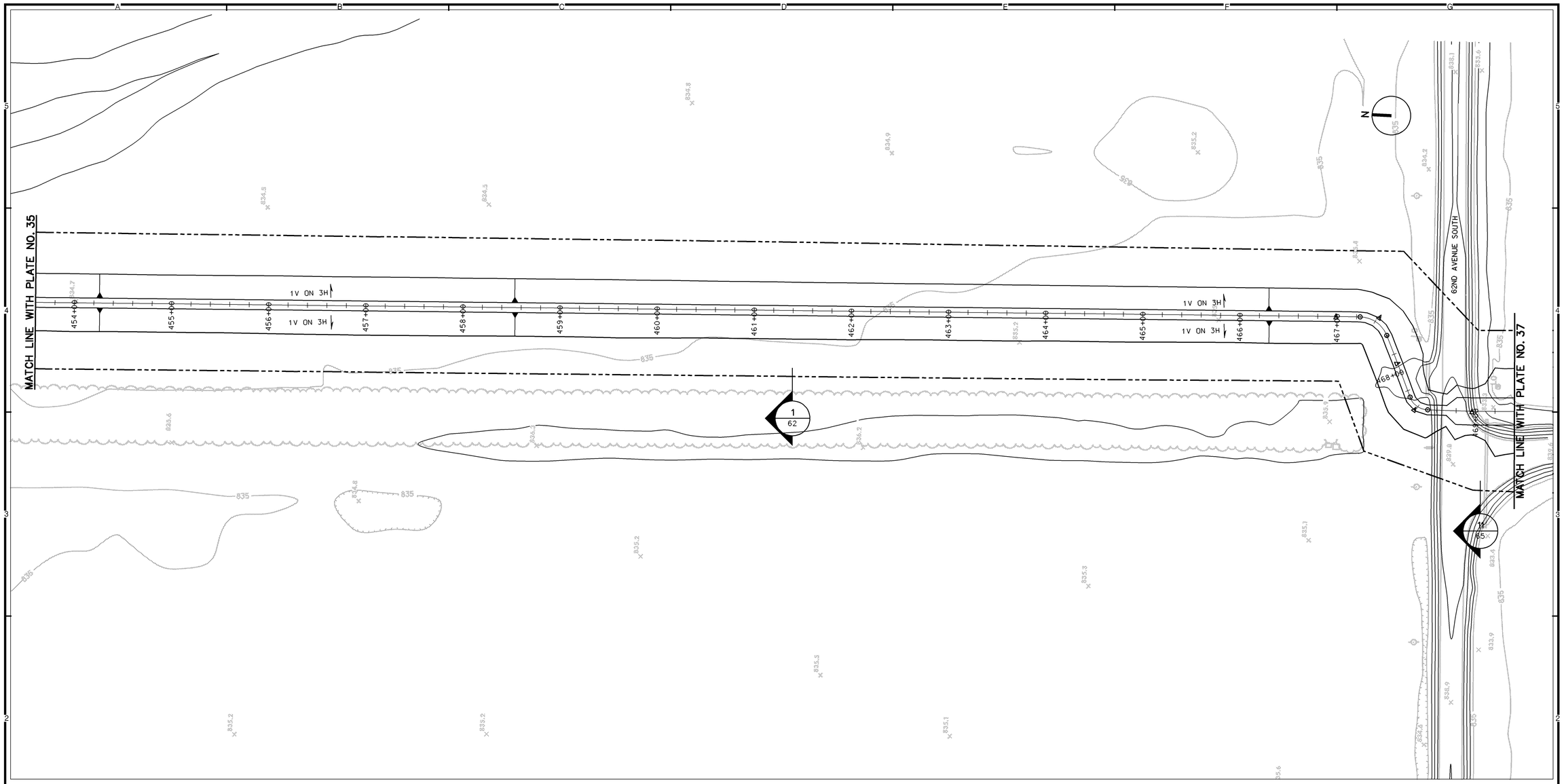
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 439+40 TO STA 453+60

PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: DMT/JGS	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	

CAD FILE NAME: GFGPR030.DGN
DRAWING NUMBER: **PLATE NO. 35**
SHT 35 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	59
3. TYPICAL SECTIONS	62.65

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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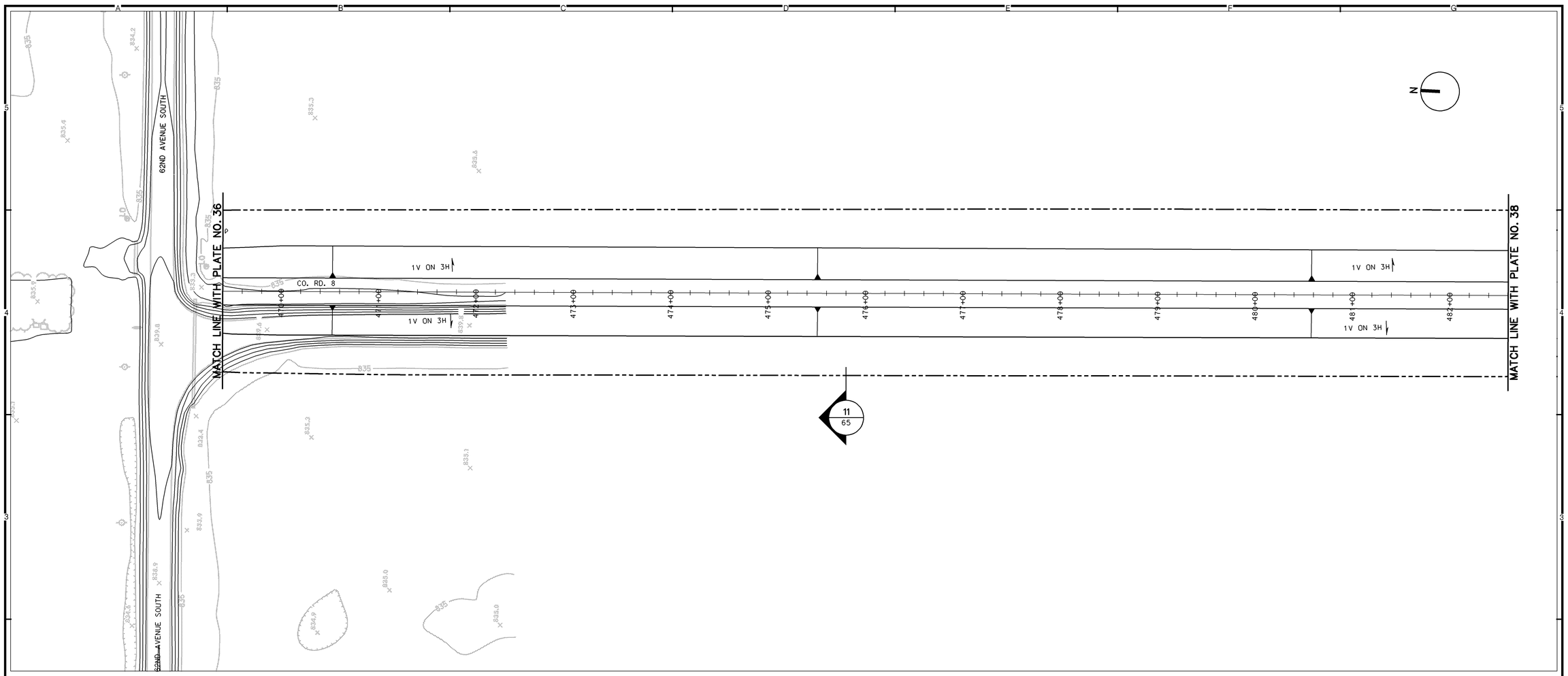
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 453+60 TO STA 469+40

PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: DMT/JGS	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	

CAD FILE NAME: GFGPR031.DGN
DRAWING NUMBER: PLATE NO. 36
SHT 36 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	59.60
3.	TYPICAL SECTIONS	65

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 469+40 TO STA 482+60

PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: DMT/JGS	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	

CAD FILE NAME: CFGPR032.DGN
DRAWING NUMBER: **PLATE NO. 37**
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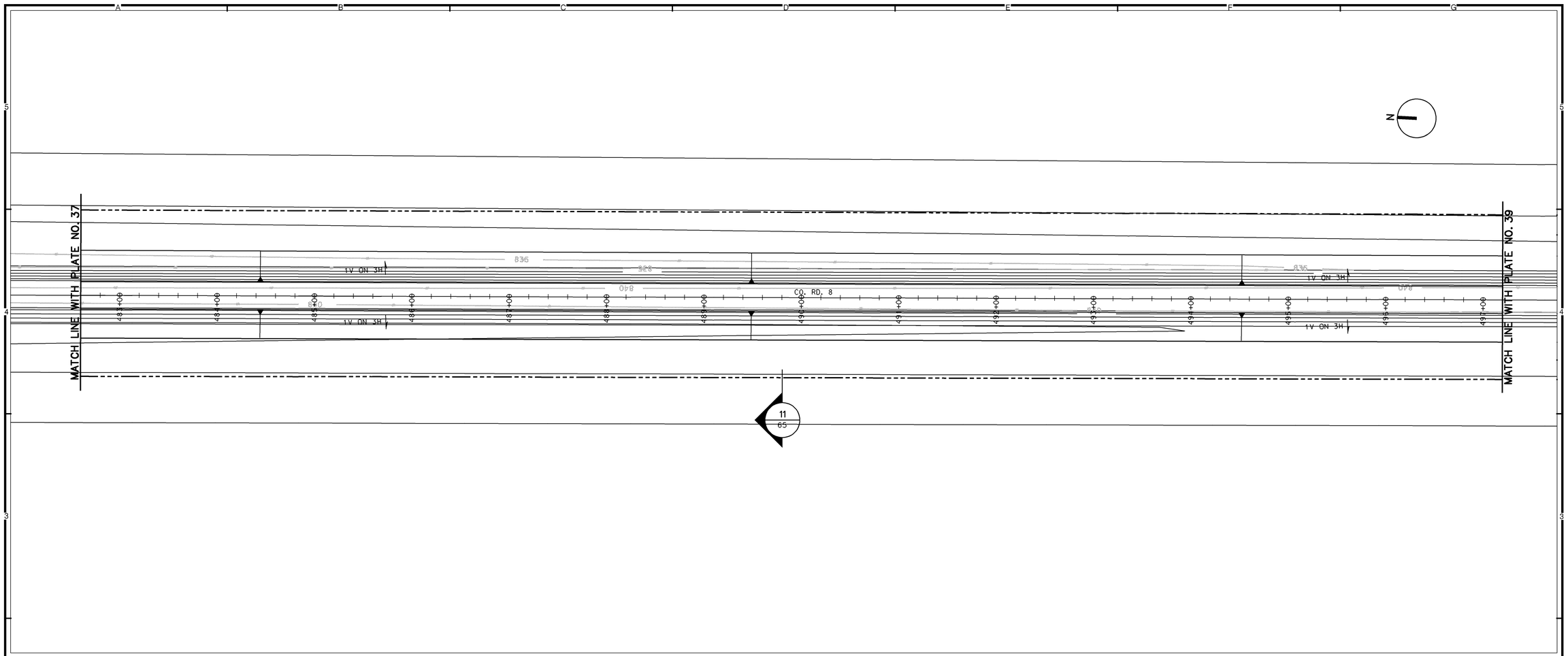
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	60
3.	TYPICAL SECTIONS	65

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

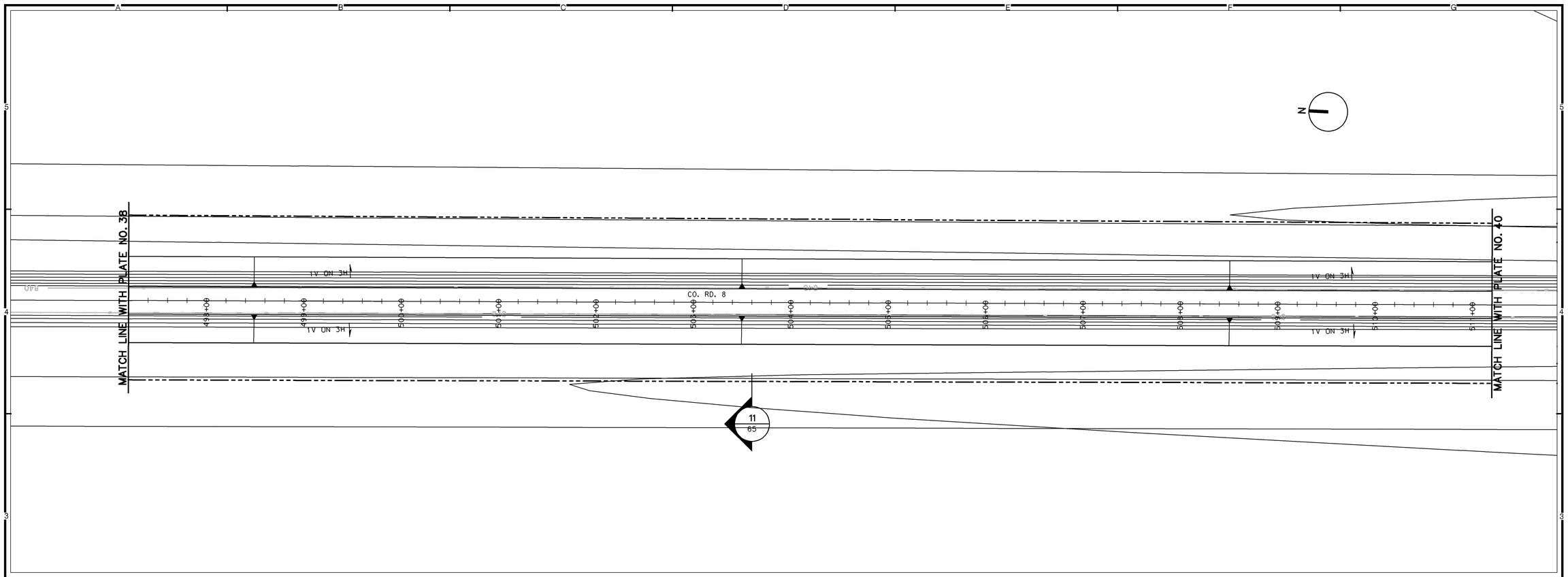
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 482+60 TO STA 497+20

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: DMT/JGS
PE-H: DESIGNED: MJS/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR033.DGN
DRAWING NUMBER: **PLATE NO. 38**
SHT 38 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	60.61
3.	TYPICAL SECTIONS	65

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

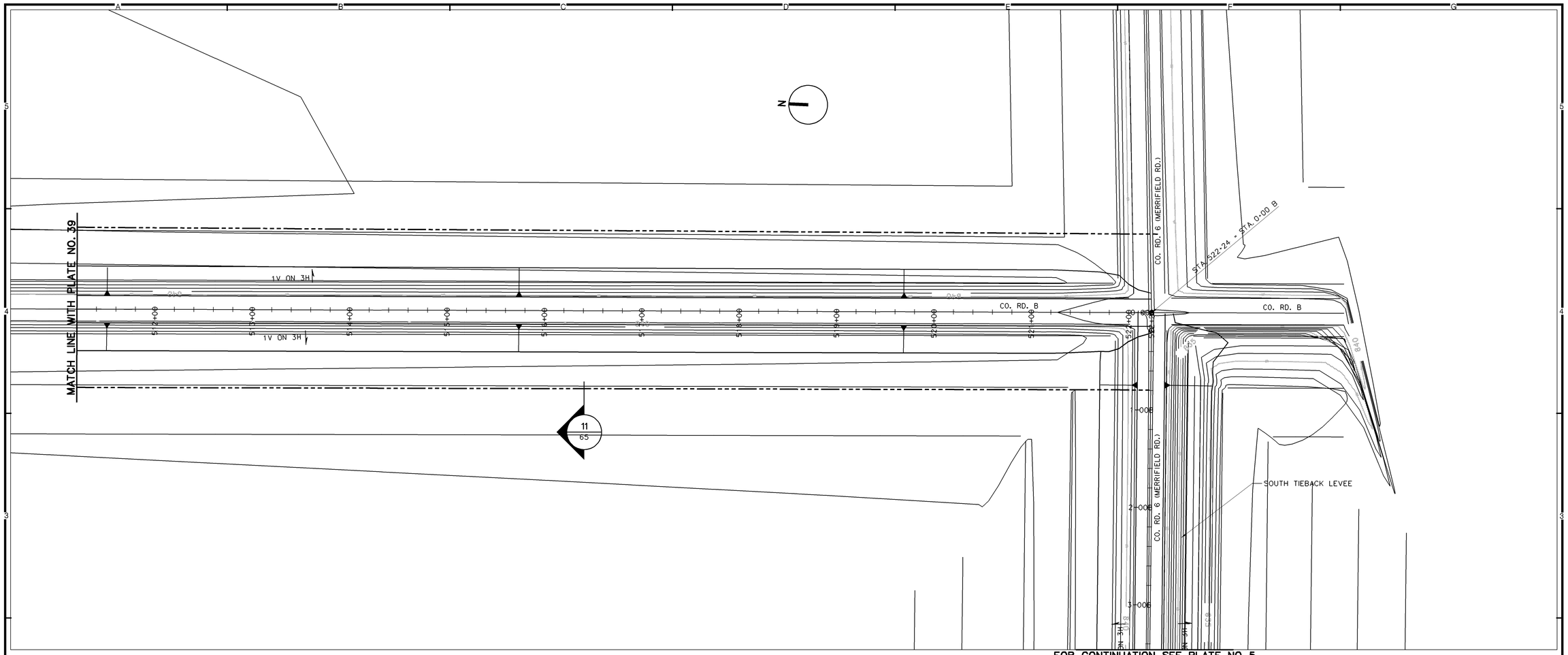
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 497+20 TO STA 511+20

PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: DMT/JGS	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	

CAD FILE NAME: GFGPR034.DGN
DRAWING NUMBER: **PLATE NO. 39**
SHT 39 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	61
3. TYPICAL SECTIONS	65

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

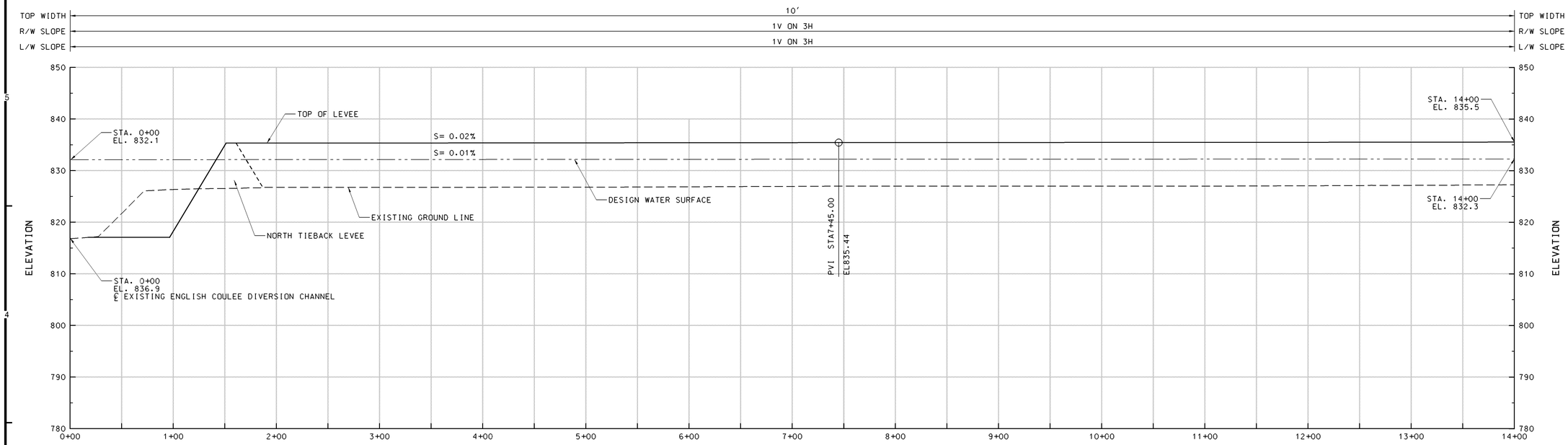
AE APPROVING OFFICIAL:

DRAFT GENERAL RE-EVALUATION REPORT - GIS
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PLAN - STA 511+20 TO STA 522+24

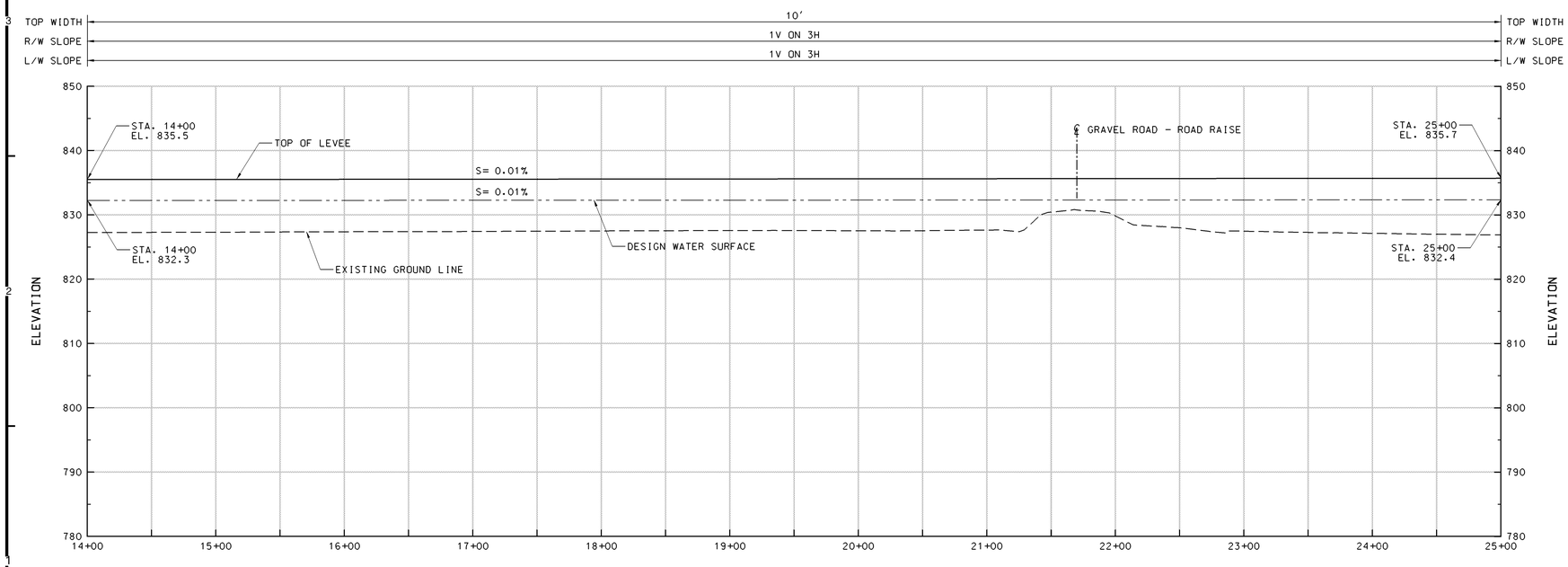
PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: DMT/JGS	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGPR035.DGN	SOL. NO:

DRAWING NUMBER: PLATE NO. 40

SHT 40 OF 166



PROFILE



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

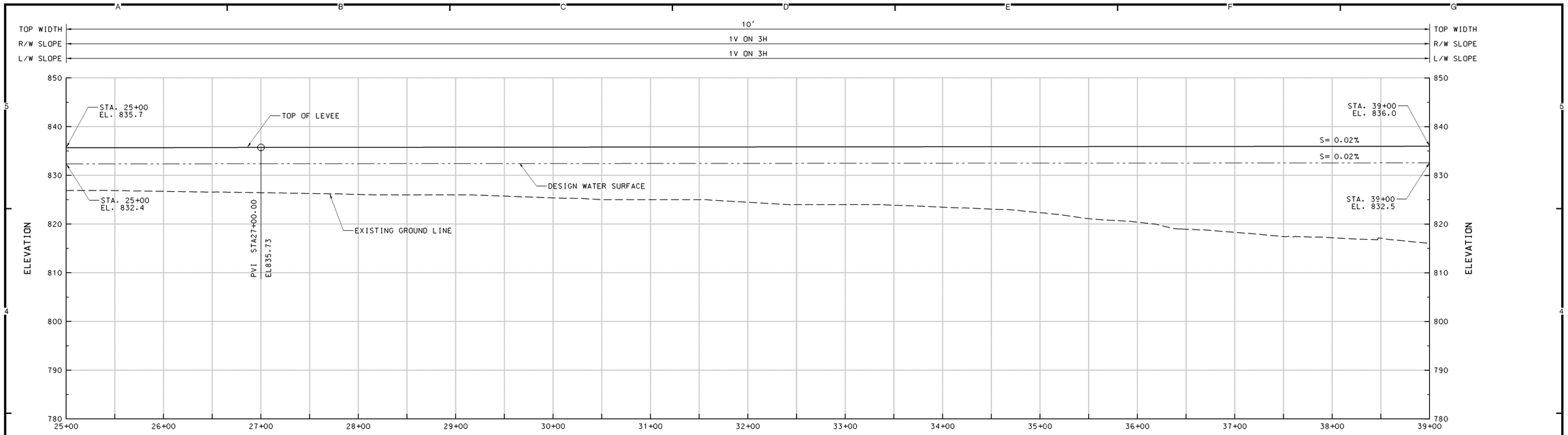
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

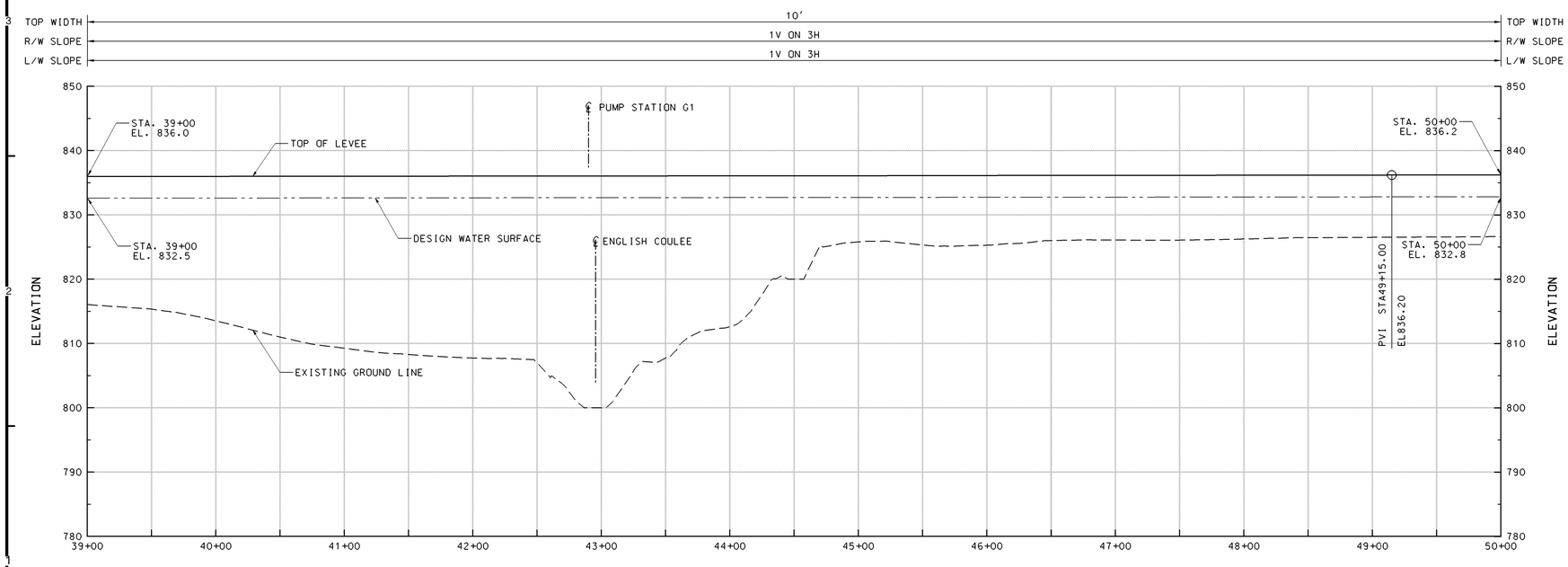
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 0+00 TO STA 25+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR001.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 41**
SHT 41 OF 166



PROFILE



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

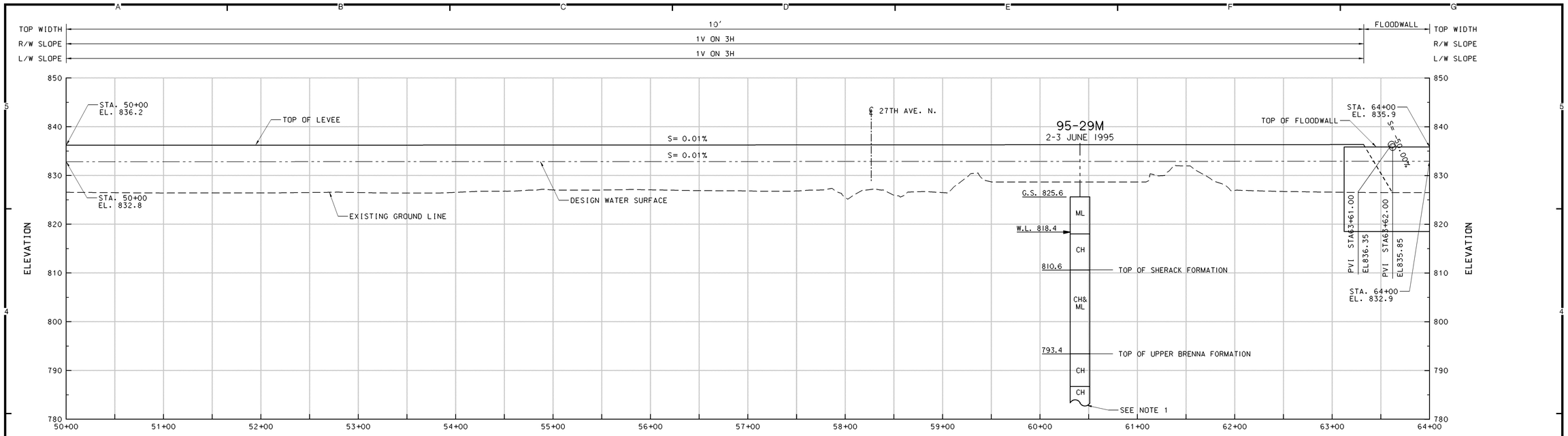
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

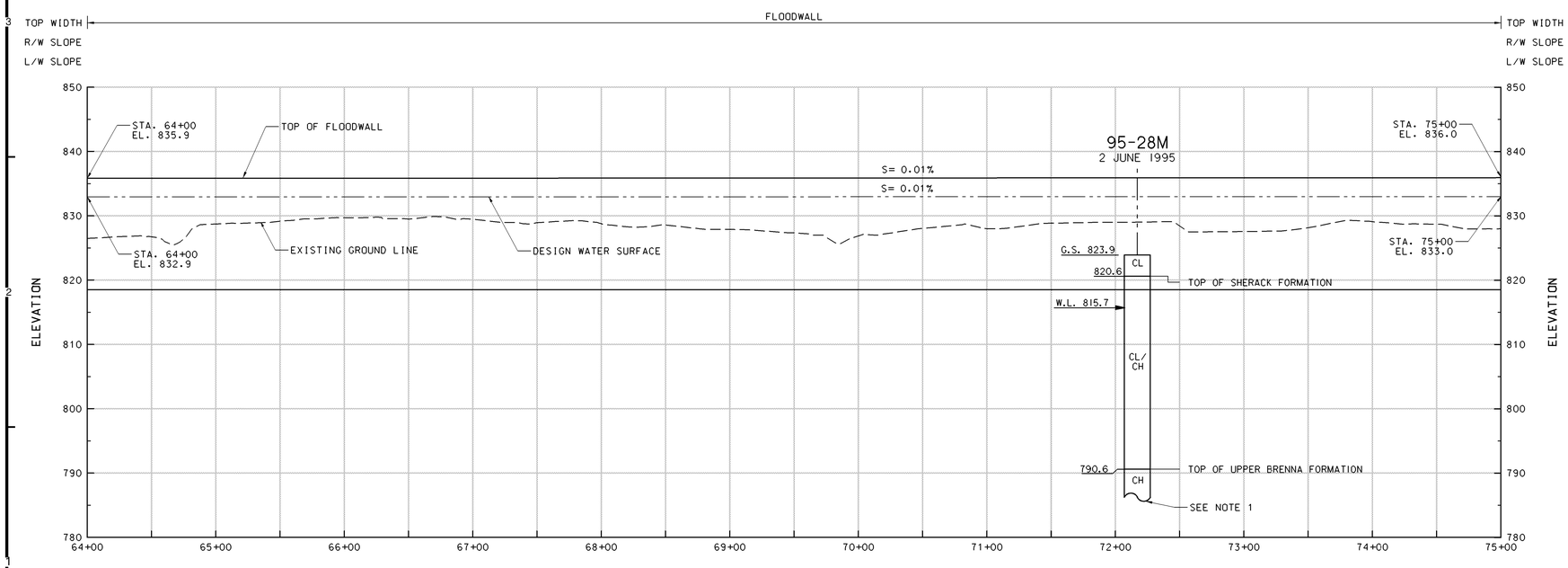
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 25+00 TO STA 50+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR002.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 42**
SHT 42 OF 166



PROFILE



PROFILE

NOTES:

1. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

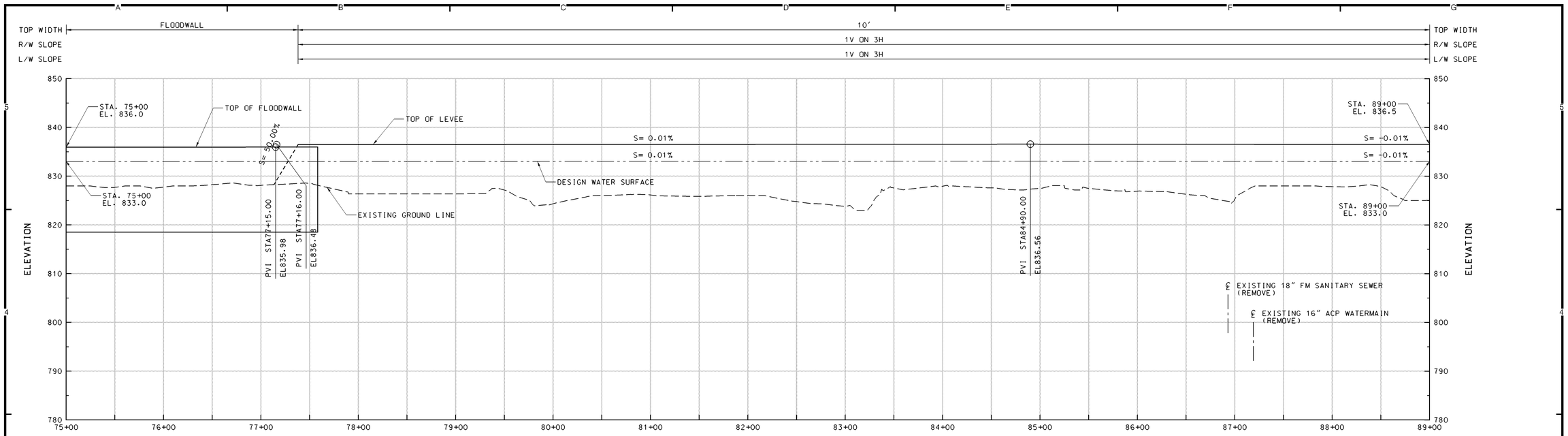
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

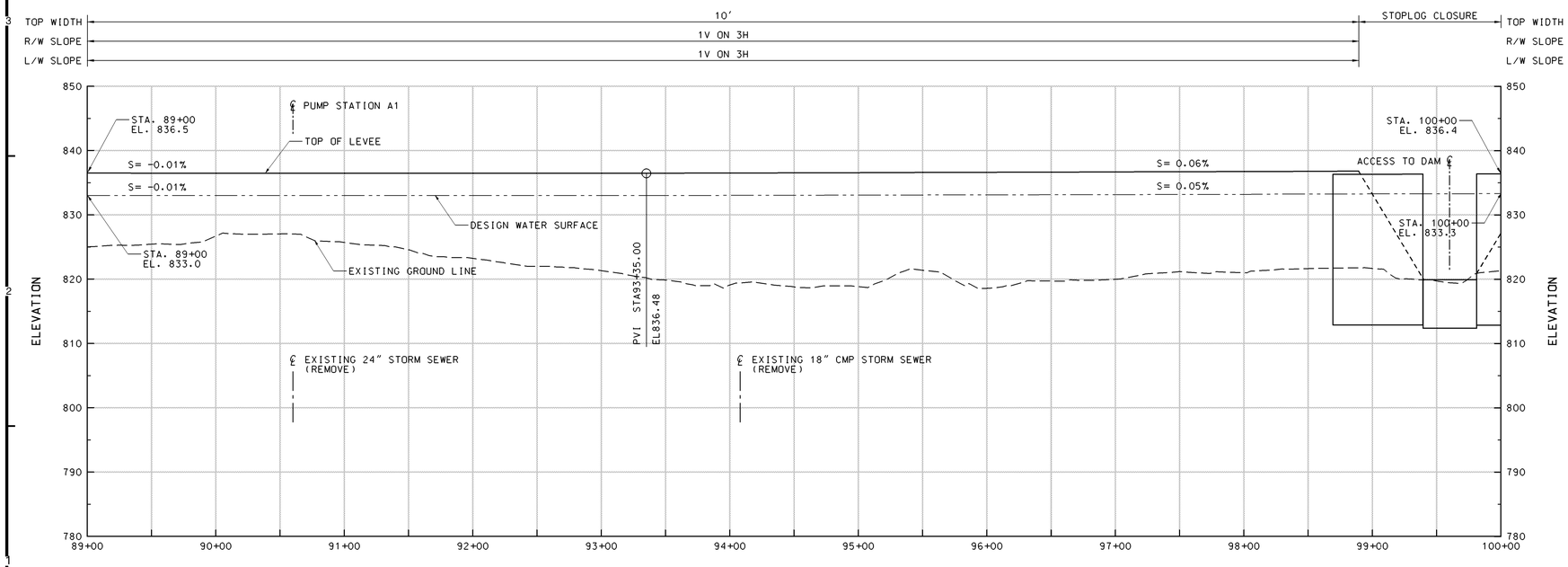
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 50+00 TO STA 75+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

CAD FILE NAME: GFGFR003.DGN
DRAWING NUMBER: PLATE NO. 43
SHT 43 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

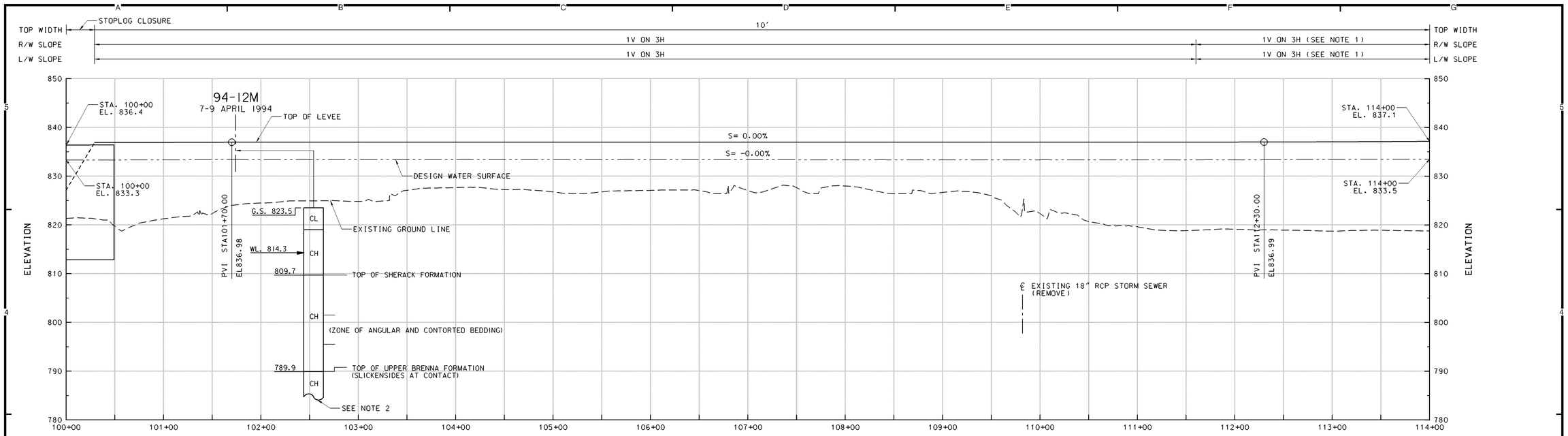
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

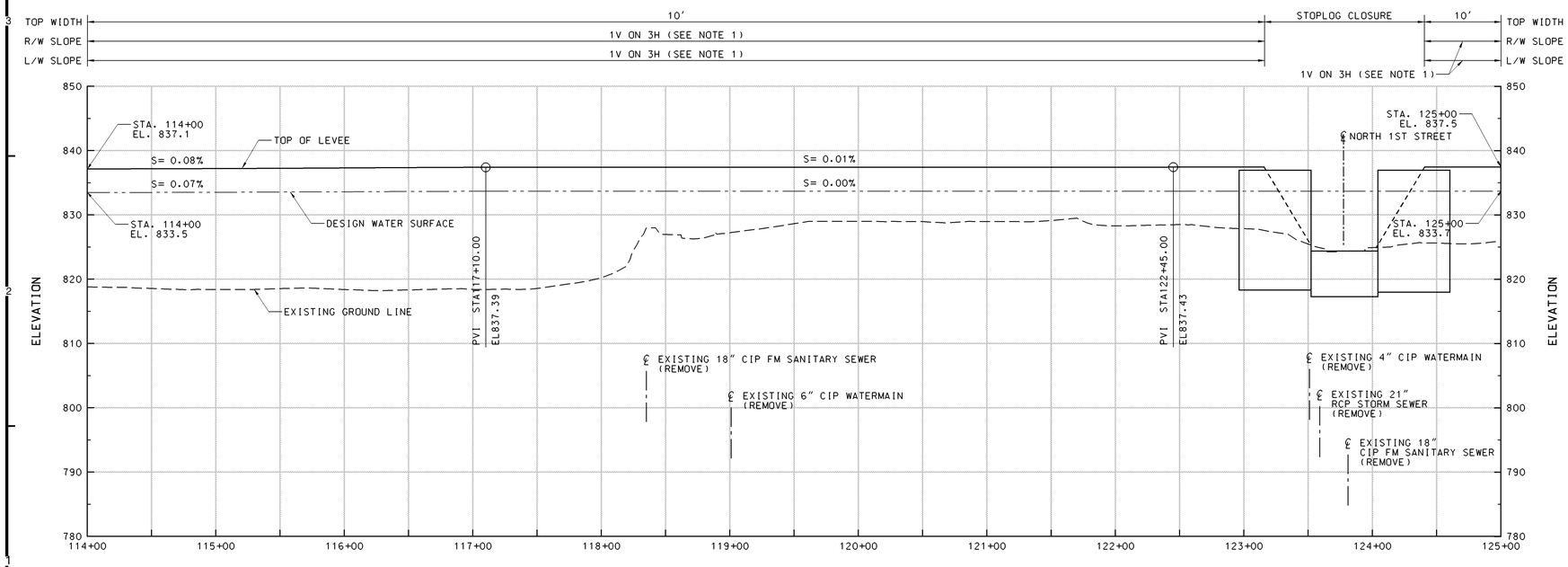
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 75+00 TO STA 100+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR004.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 44**
SHT 44 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

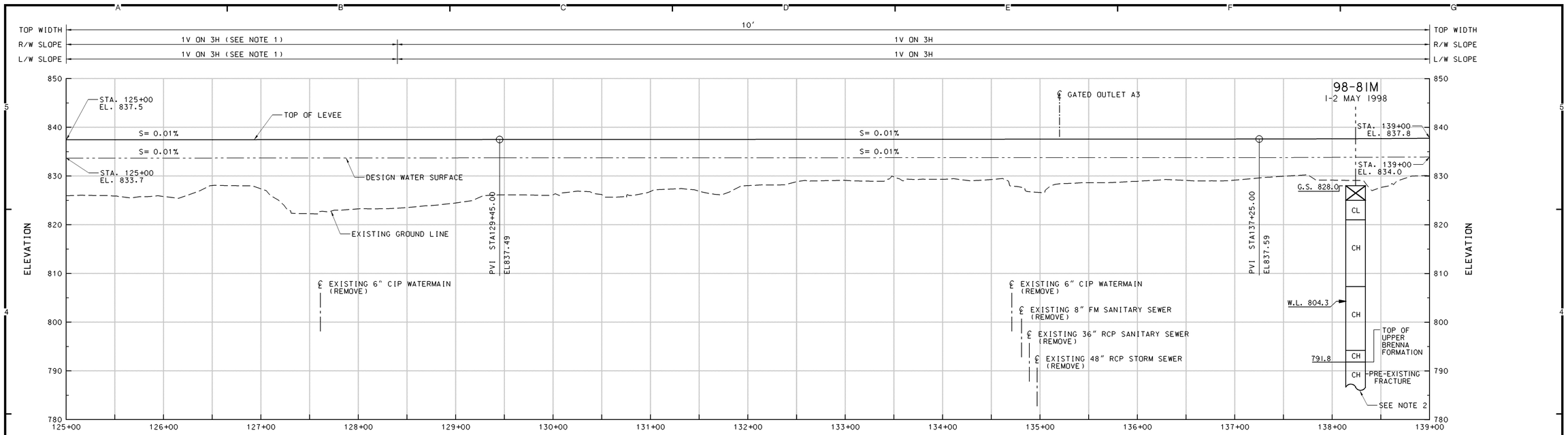
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

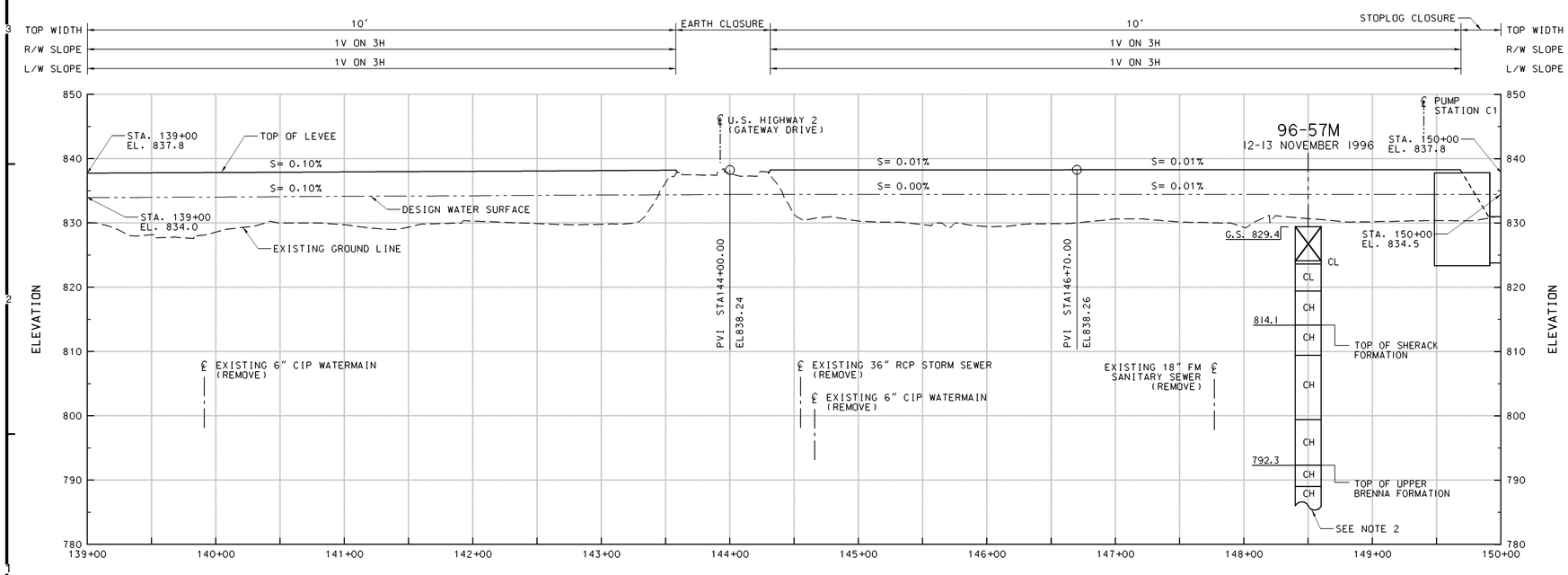
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 100+00 TO STA 125+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

CAD FILE NAME: GFGFR005.DGN
DRAWING NUMBER: **PLATE NO. 45**
SHT 45 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

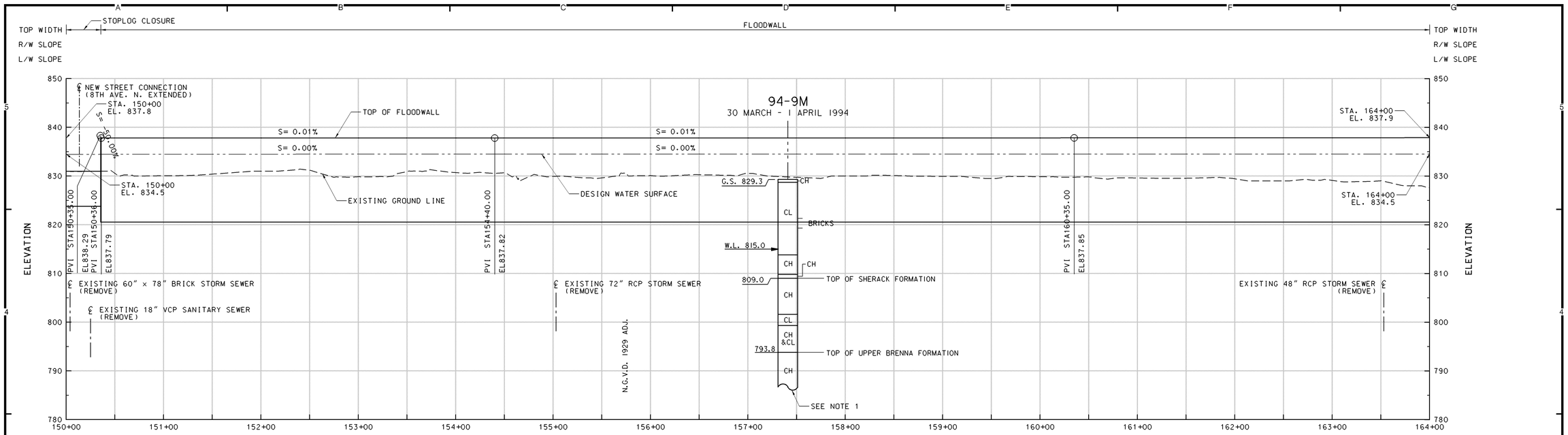
SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

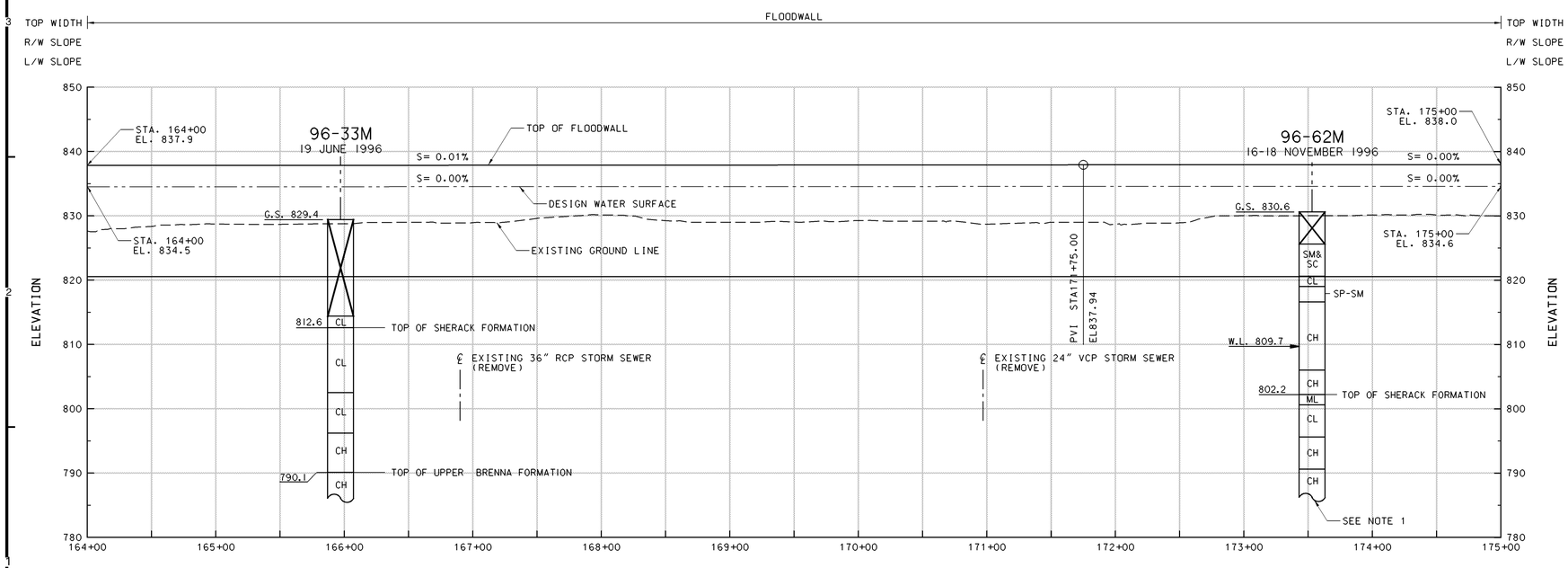
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 125+00 TO STA 150+00

PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: JGS	
PE-H	DESIGNED: MJS/MDL	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGFR006.DGN	DRAWING NUMBER: **PLATE NO. 46**
	SOL. NO:	SHT 46 OF 166



PROFILE



PROFILE

NOTES:

1. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

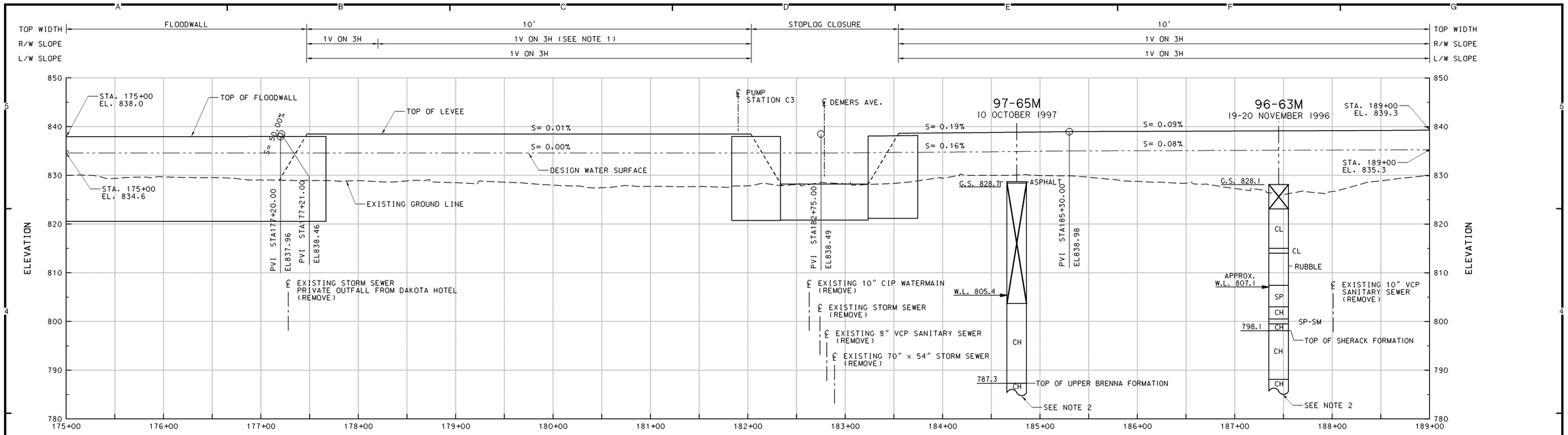
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

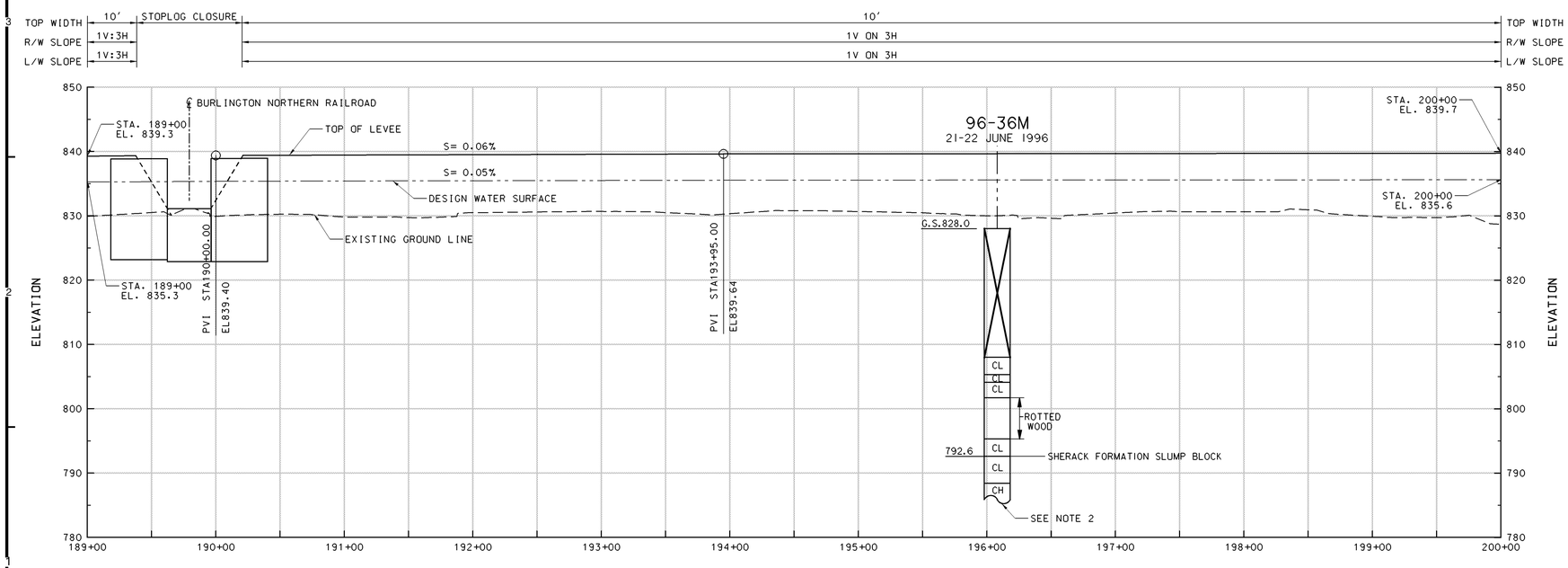
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 150+00 TO STA 175+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

CAD FILE NAME: GFGFR007.DGN
DRAWING NUMBER: PLATE NO. 47
SHT 47 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

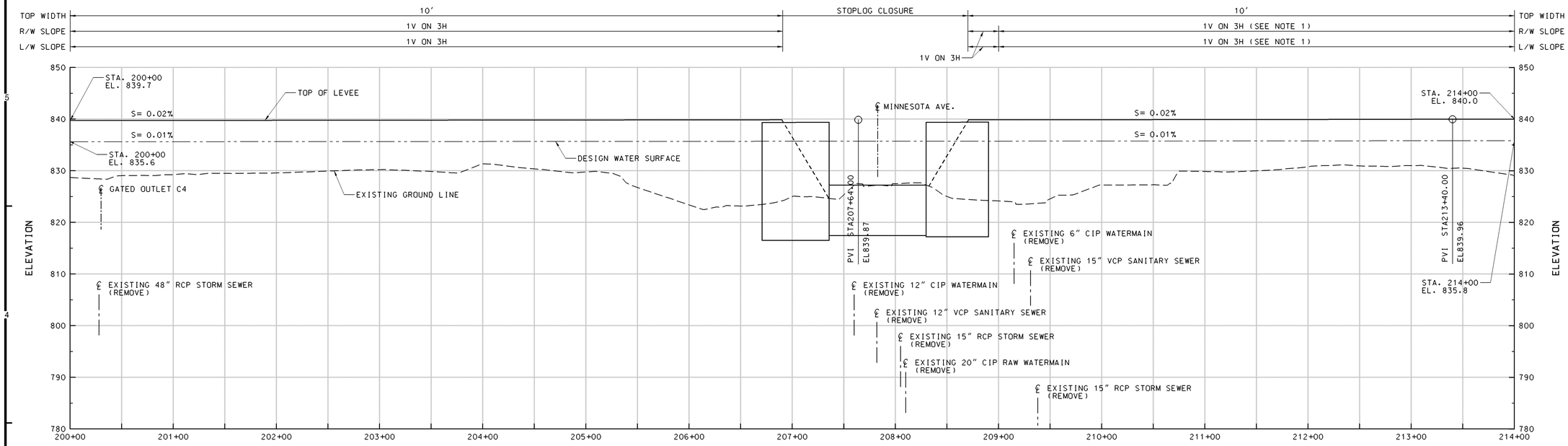
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

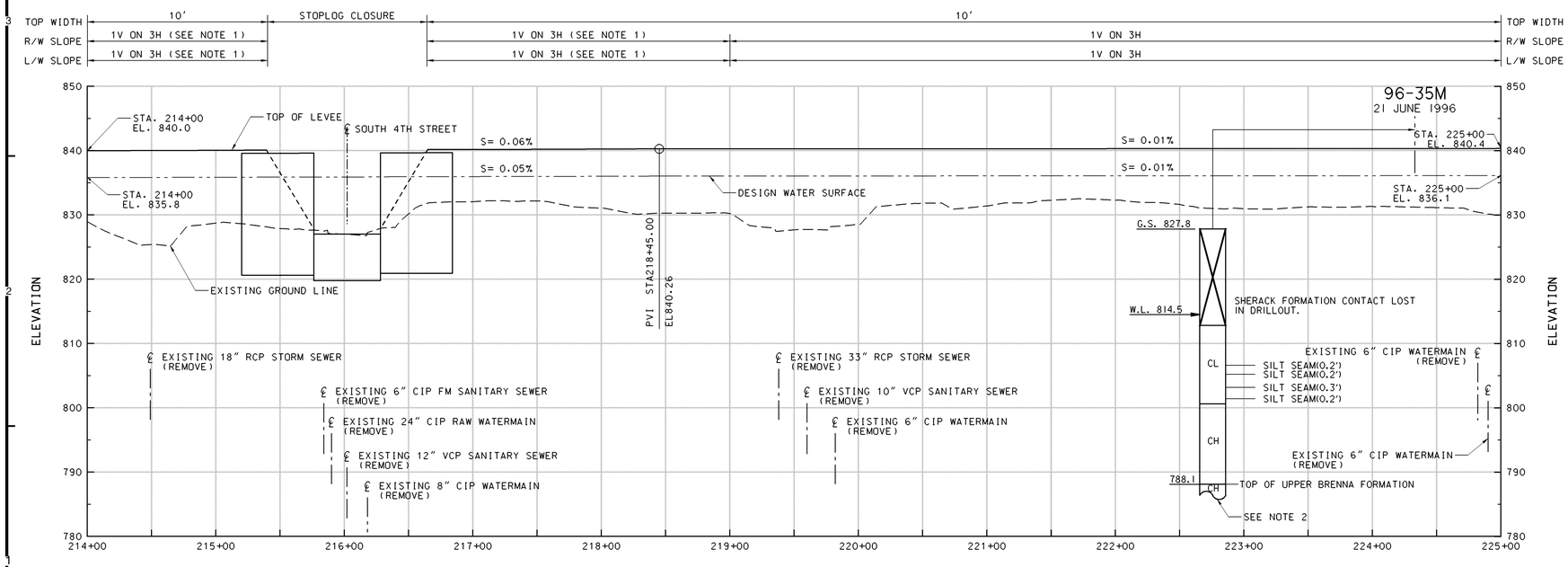
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 175+00 TO STA 200+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR008.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 48**
SHT 48 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

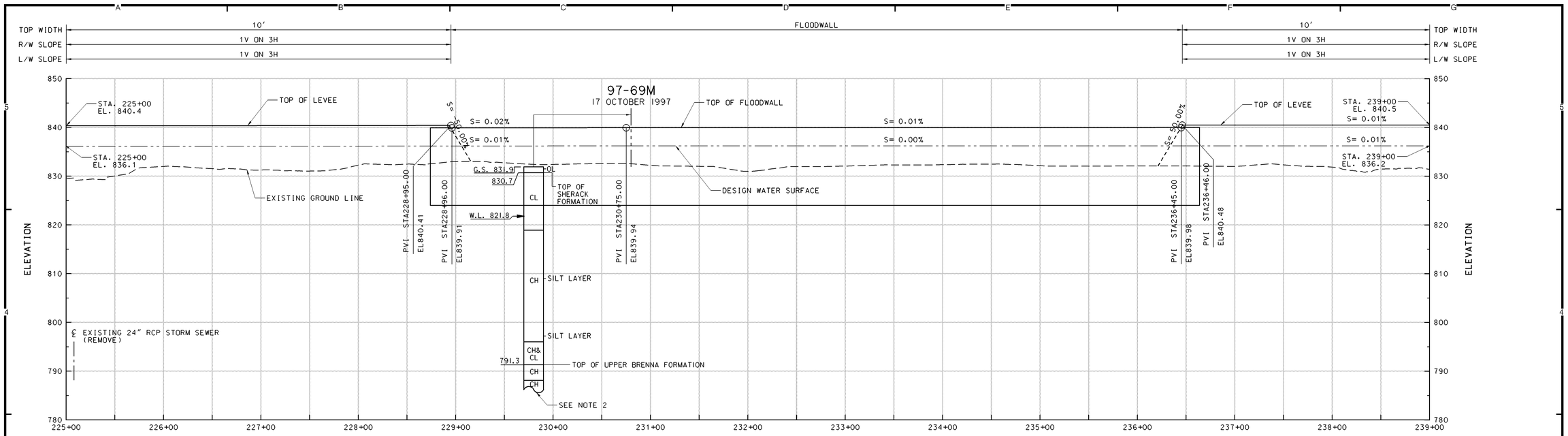
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

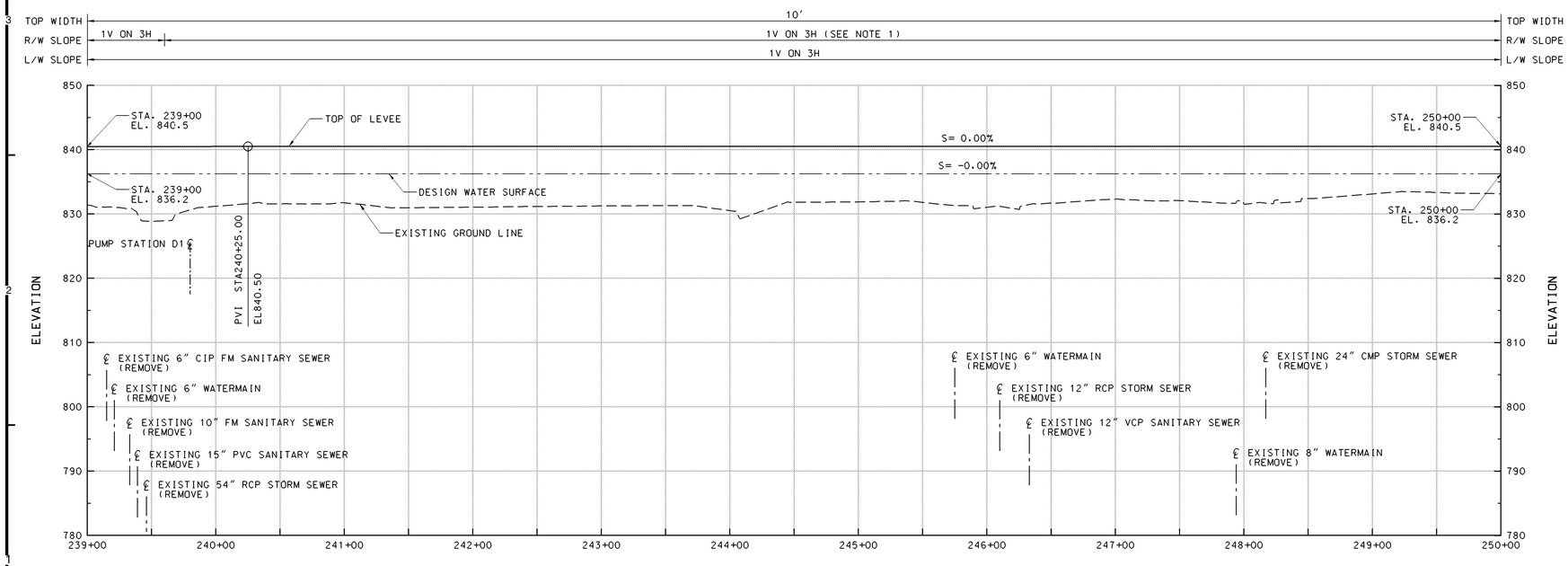
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 200+00 TO STA 225+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR009.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 49**
SHT 49 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

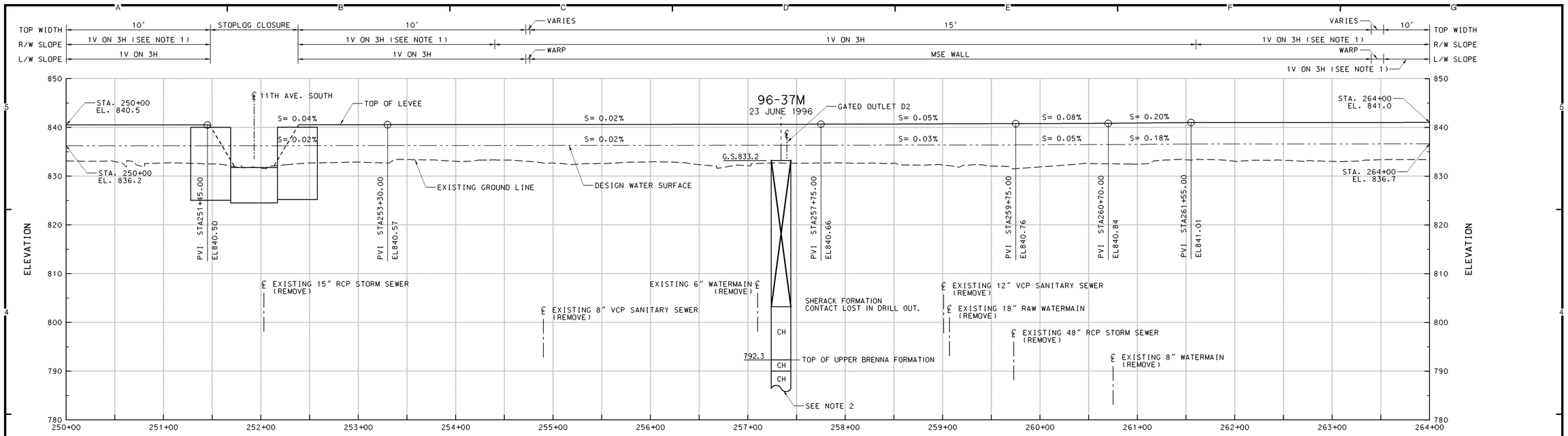
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

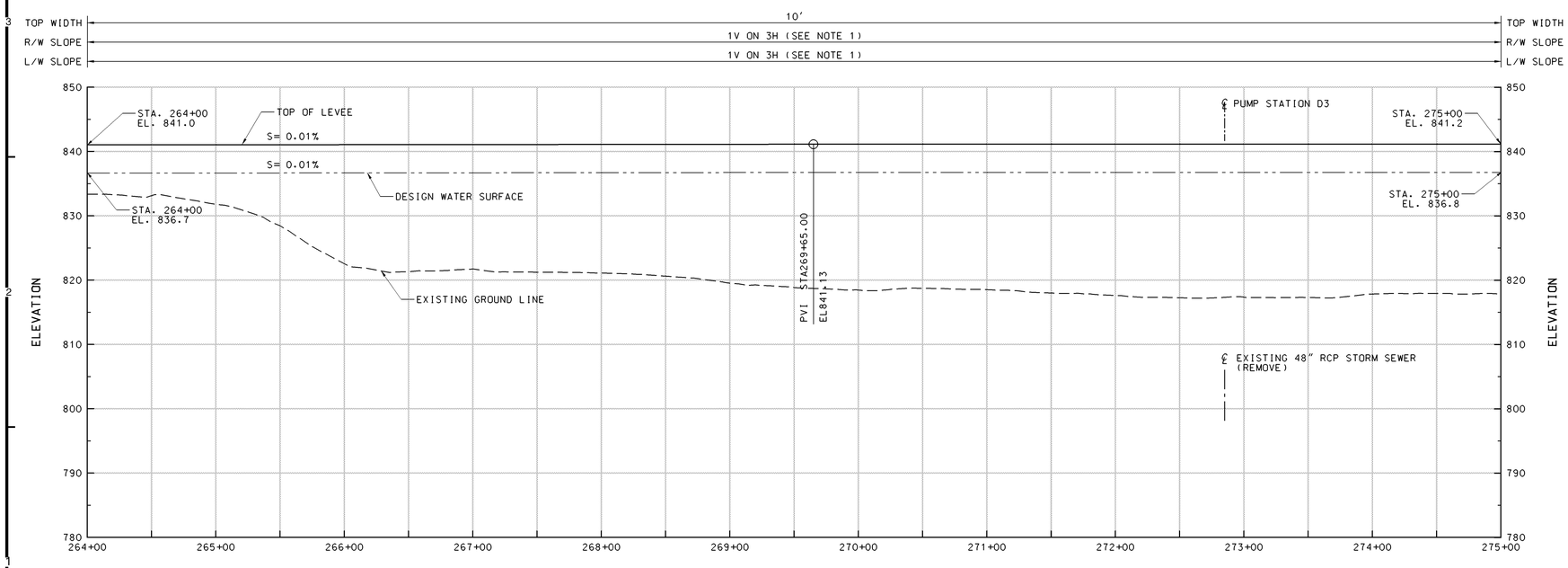
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 225+00 TO STA 250+00

PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: JGS	
PE-H	DESIGNED: MJS/MDL	
	CHECKED: MDL	

CAD FILE NAME: GFGFR010.DGN
DRAWING NUMBER: PLATE NO. 50
SHT 50 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

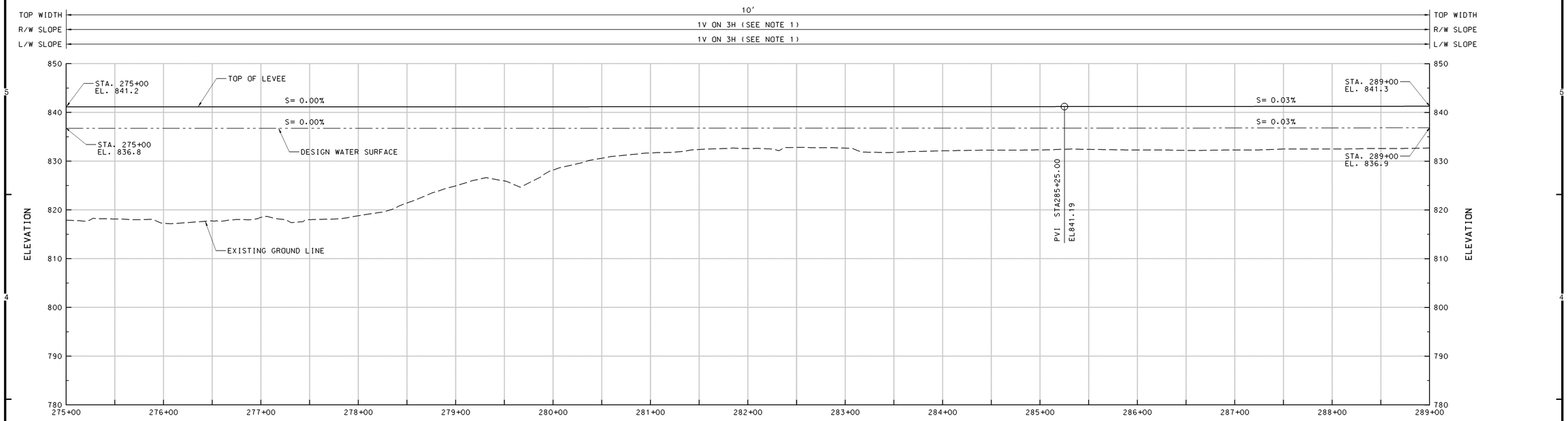
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

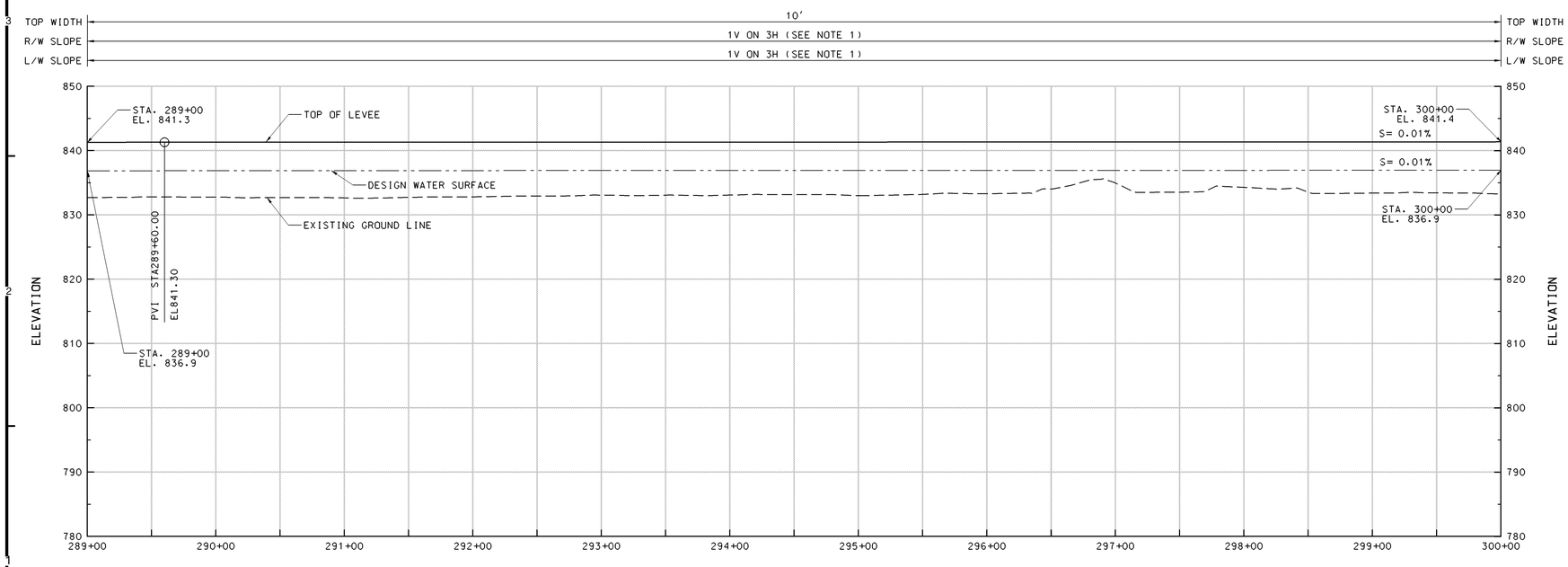
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 250+00 TO STA 275+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

CAD FILE NAME: GFGFR011.DGN
DRAWING NUMBER: **PLATE NO. 51**
SHT 51 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

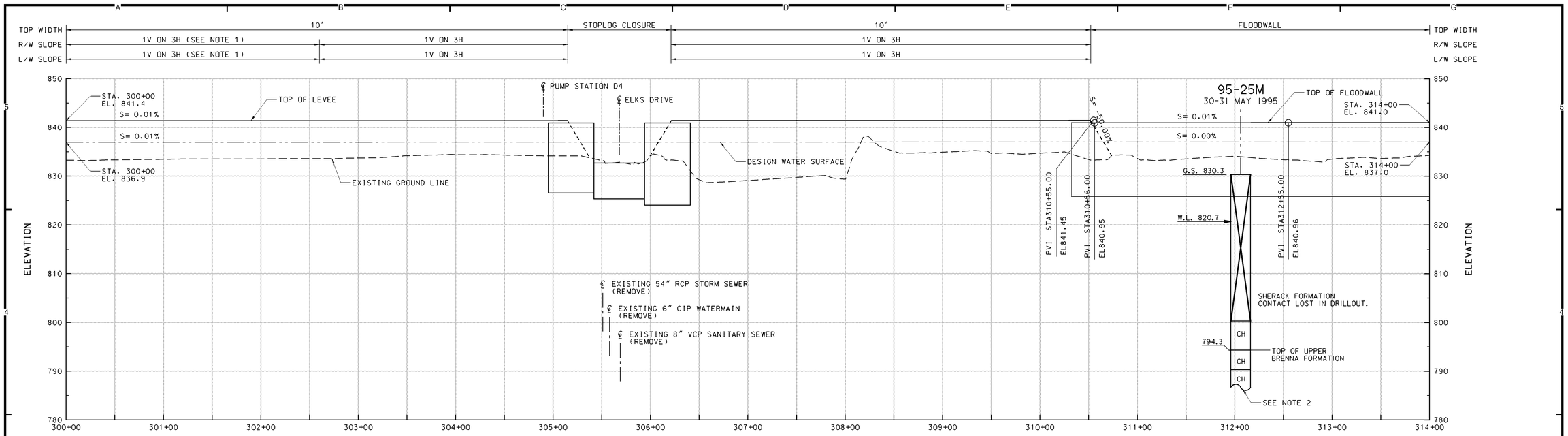
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

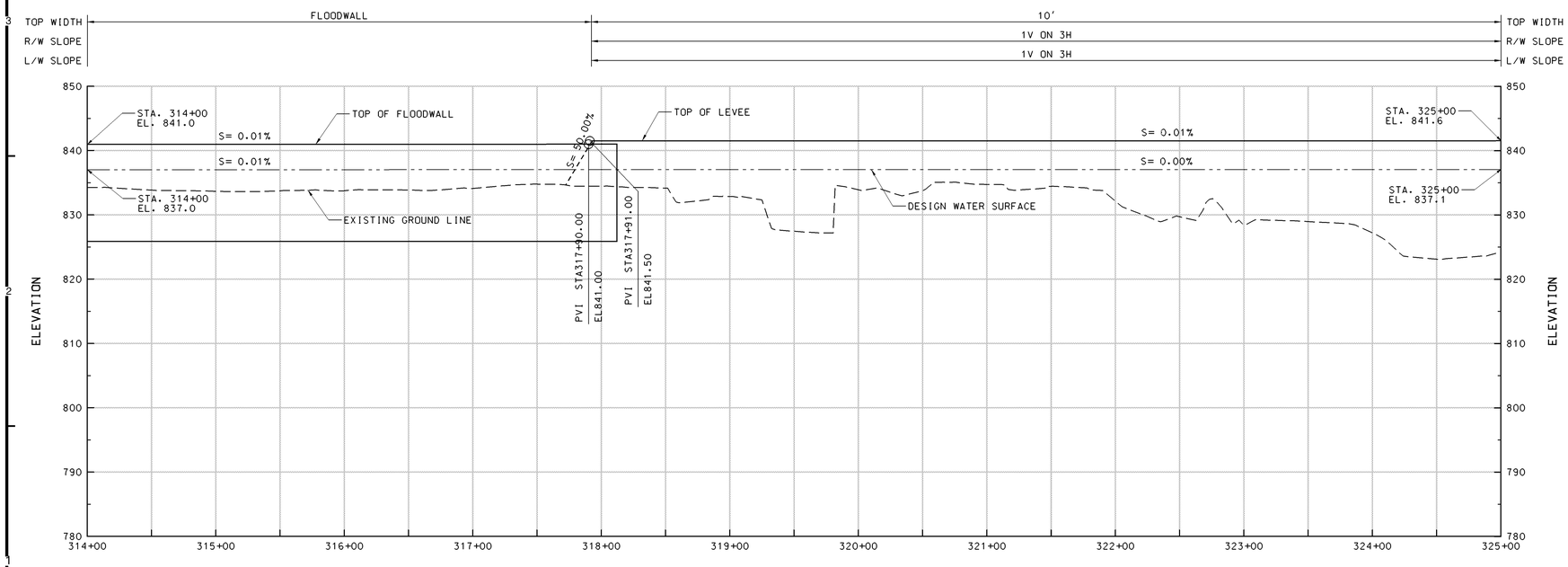
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 275+00 TO STA 300+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

CAD FILE NAME: GFGFR012.DGN
DRAWING NUMBER: **PLATE NO. 52**
SHT 52 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

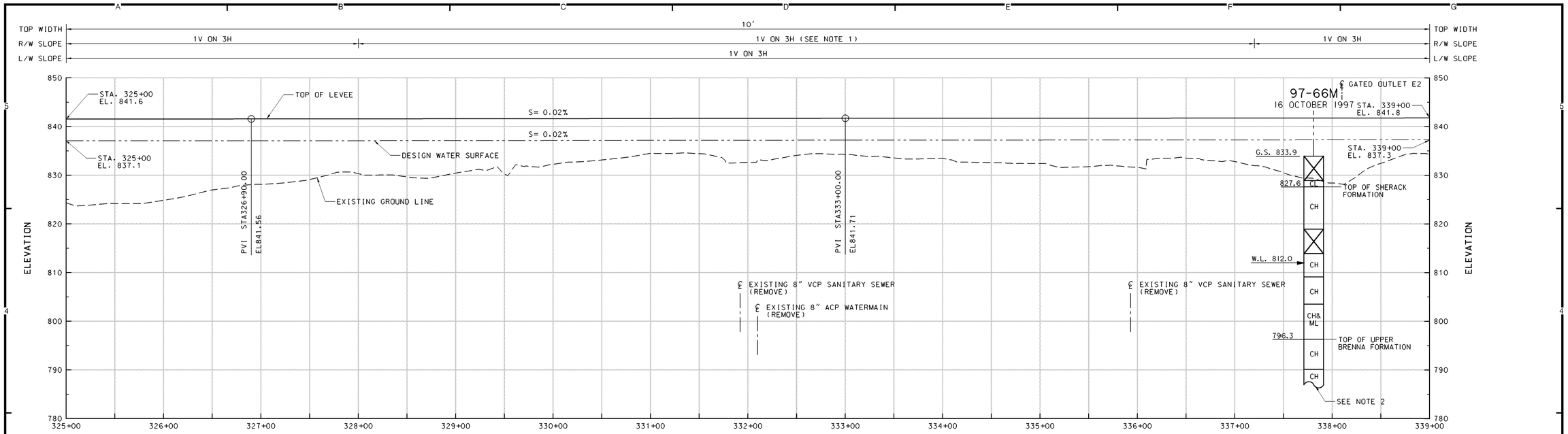
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

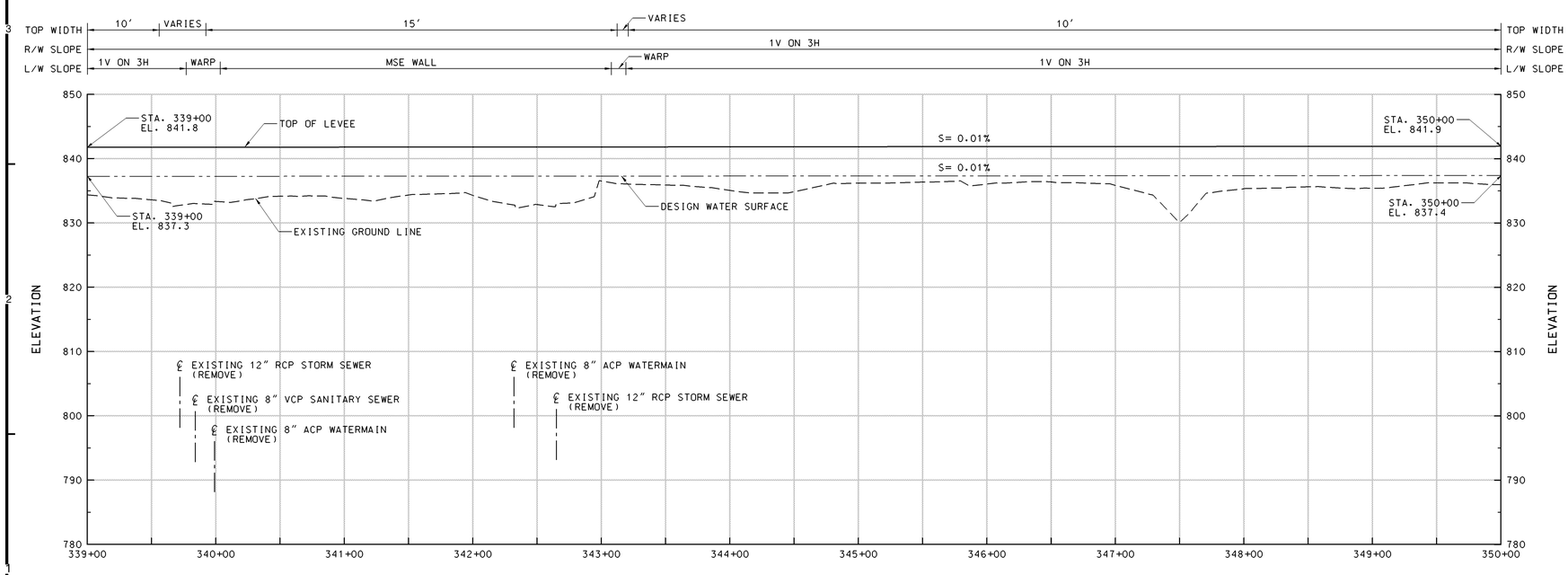
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 300+00 TO STA 325+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

CAD FILE NAME: GFGFR013.DGN
DRAWING NUMBER: **PLATE NO. 53**
SHT 53 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.
2. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

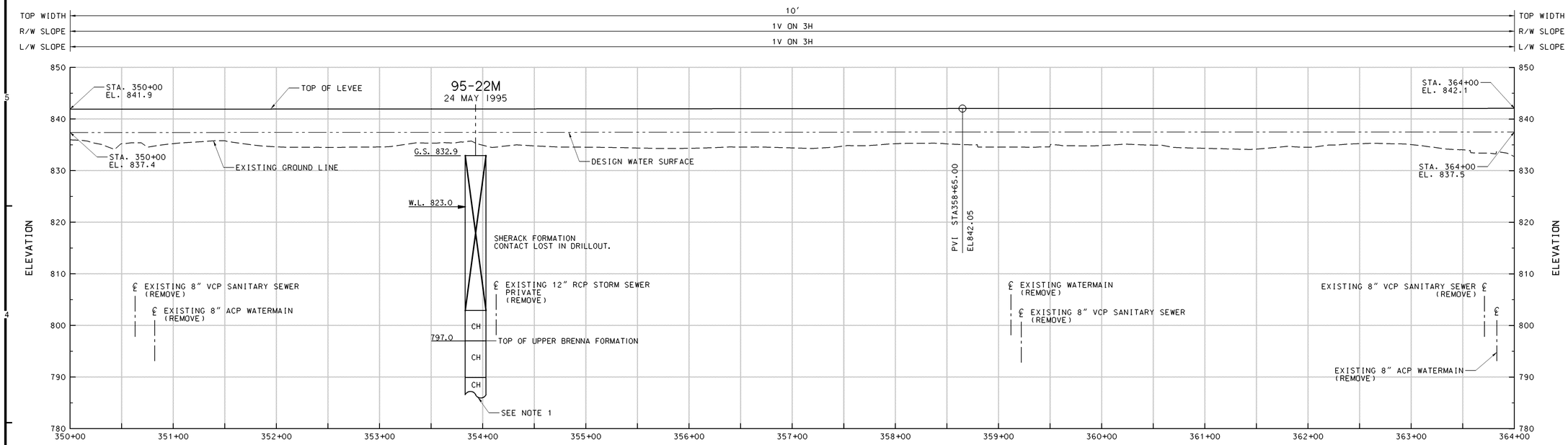
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

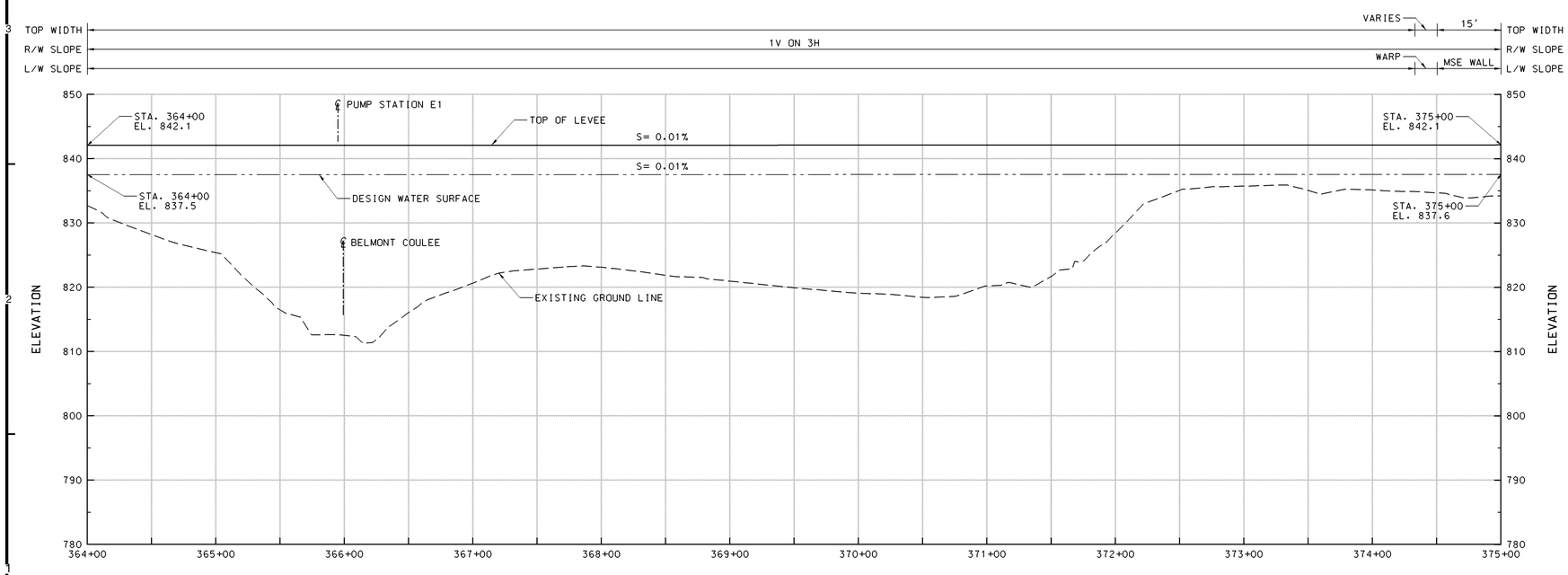
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 325+00 TO STA 350+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR014.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 54**
SHT 54 OF 166



PROFILE



PROFILE

NOTES:

1. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

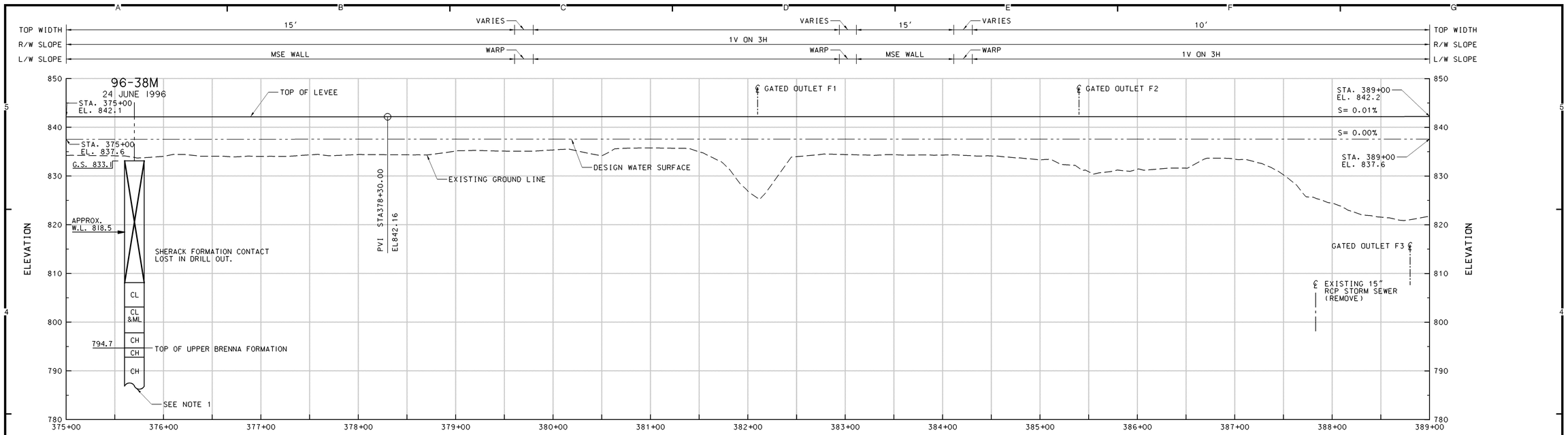
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 350+00 TO STA 375+00

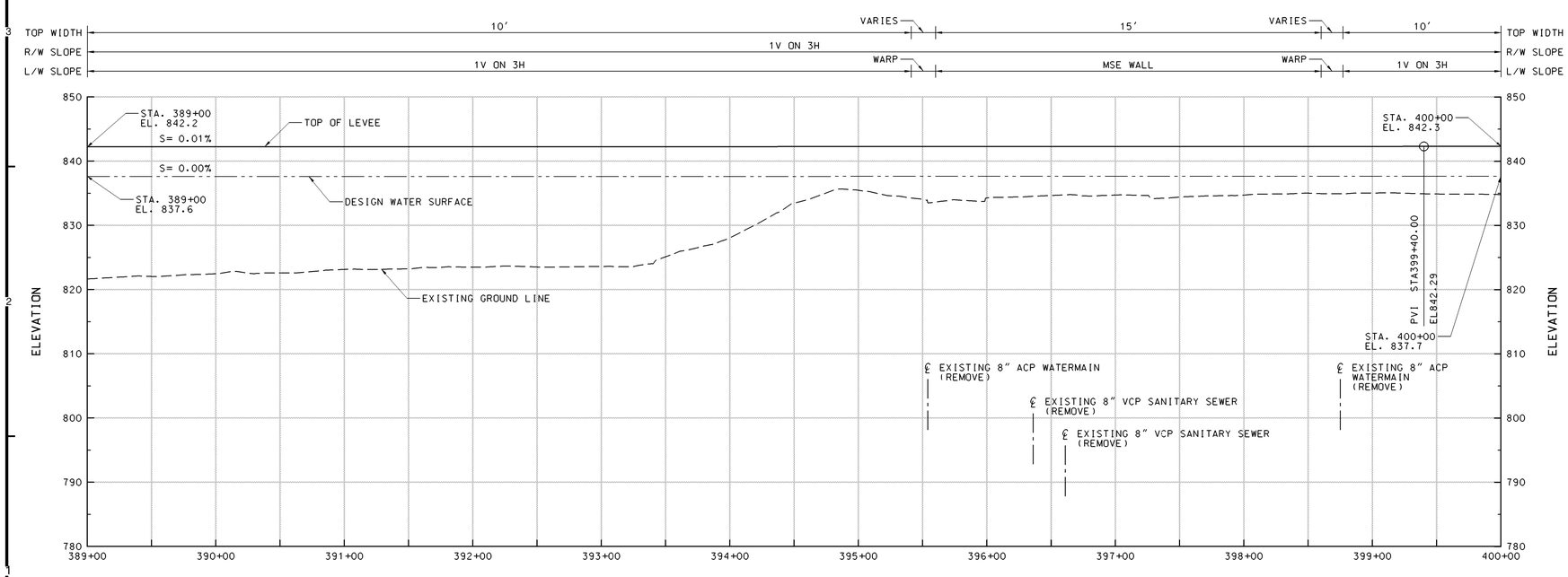
PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998

CAD FILE NAME: GFGFR015.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 55**
SHT 55 OF 166



PROFILE



PROFILE

NOTES:

1. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

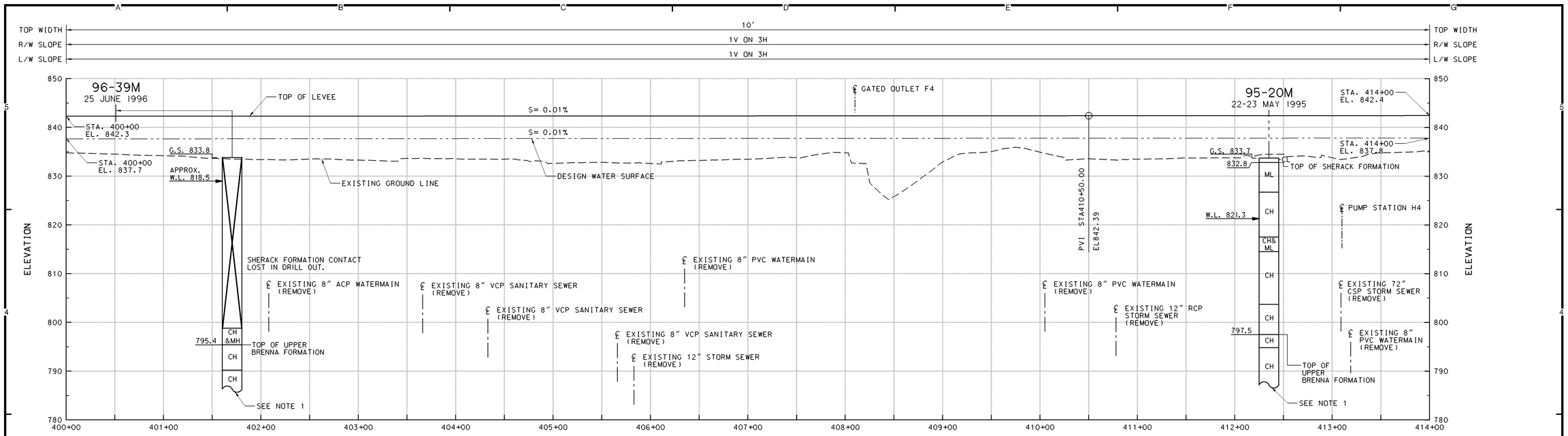
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

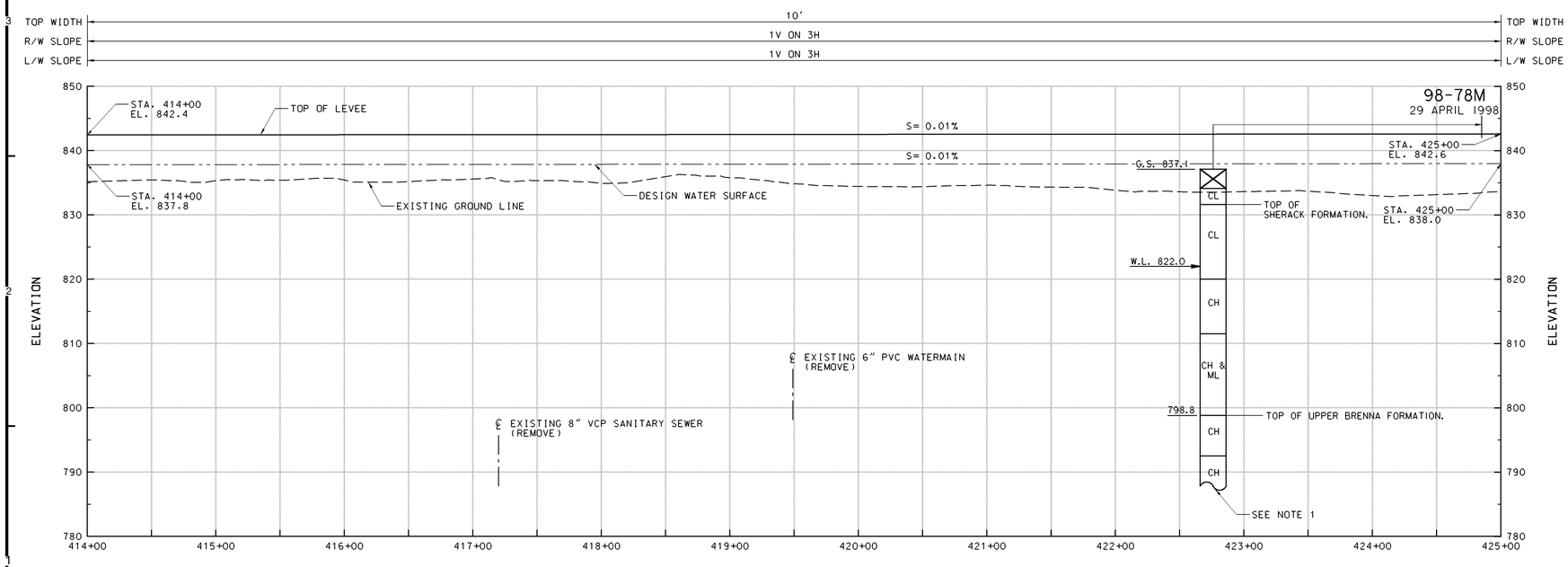
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 375+00 TO STA 400+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR016.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 56**
SHT 56 OF 166



PROFILE



PROFILE

NOTES:

1. FOR CONTINUATION OF BORING LOG. SEE APPENDIX B.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
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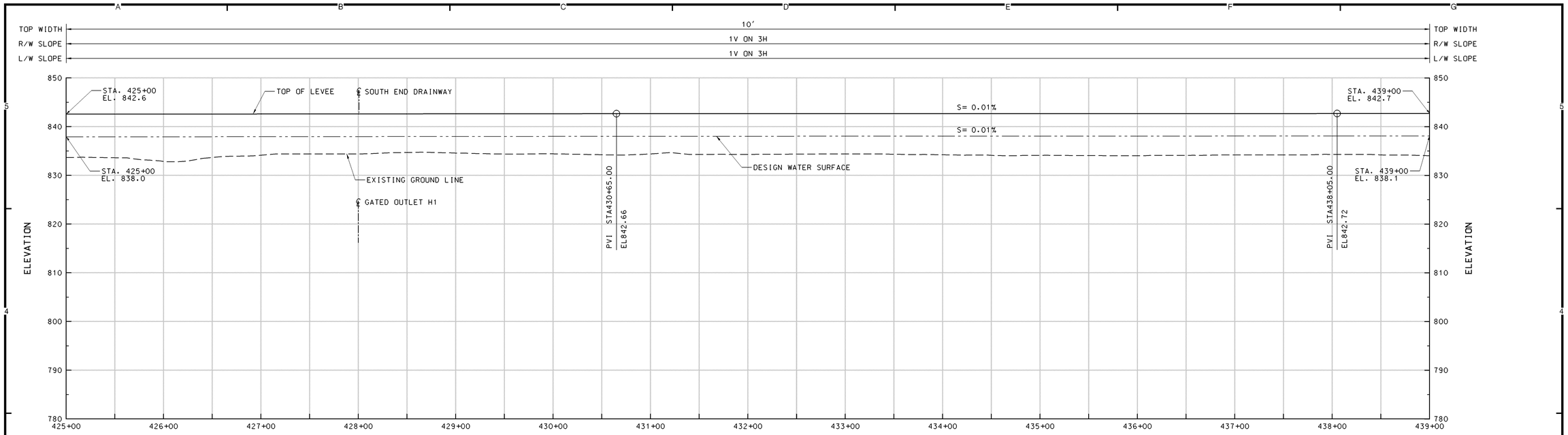
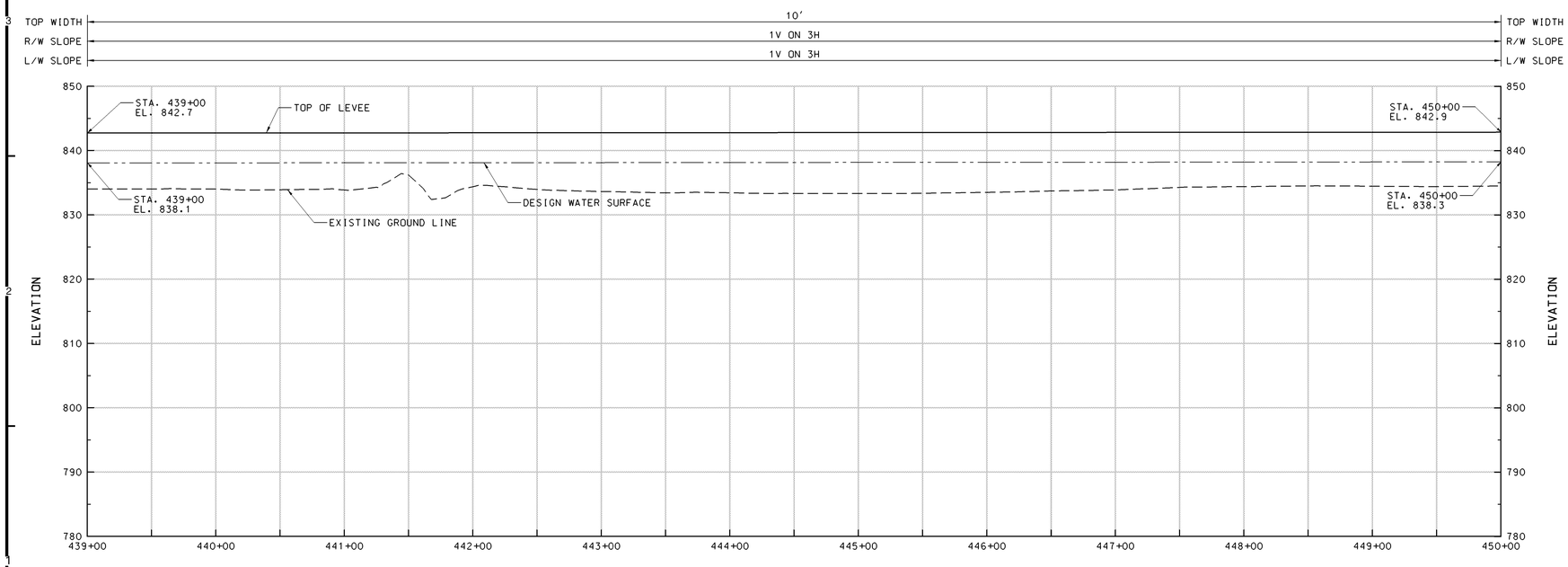
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 400+00 TO STA 425+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR017.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 57
SHT 57 OF 166



PROFILE



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

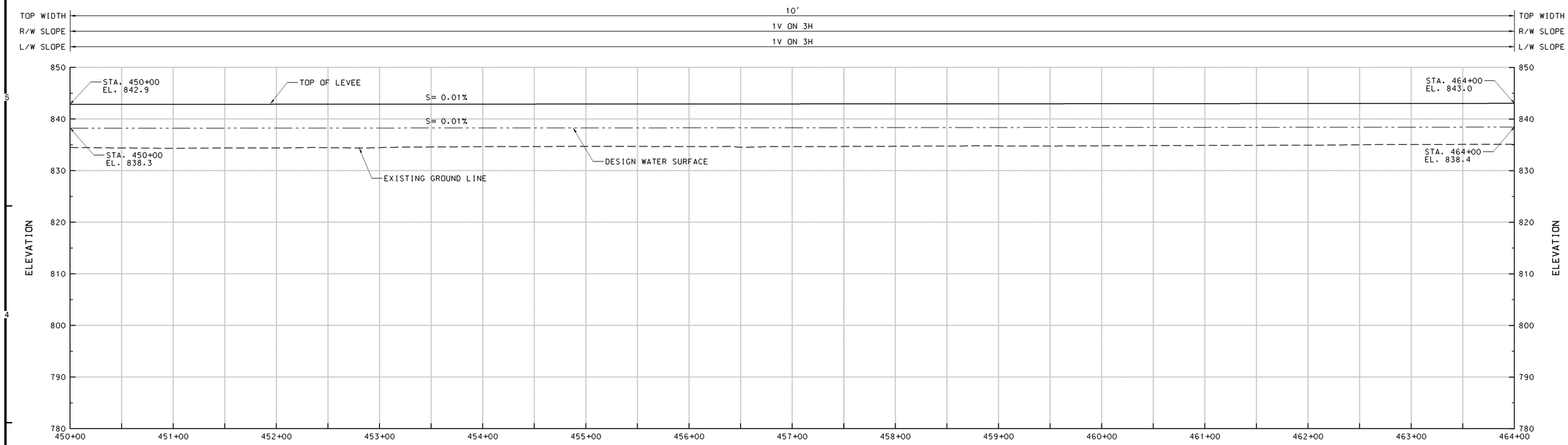
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

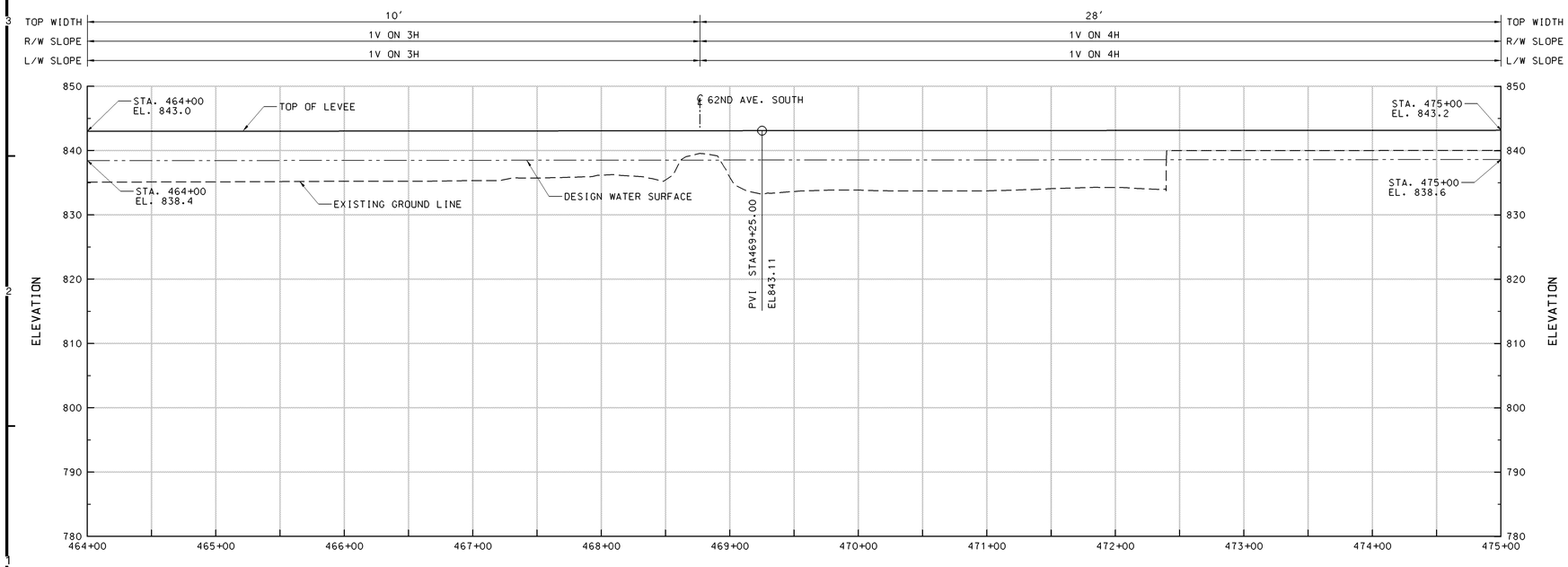
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 425+00 TO STA 450+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR018.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 58**
SHT 58 OF 166



PROFILE



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
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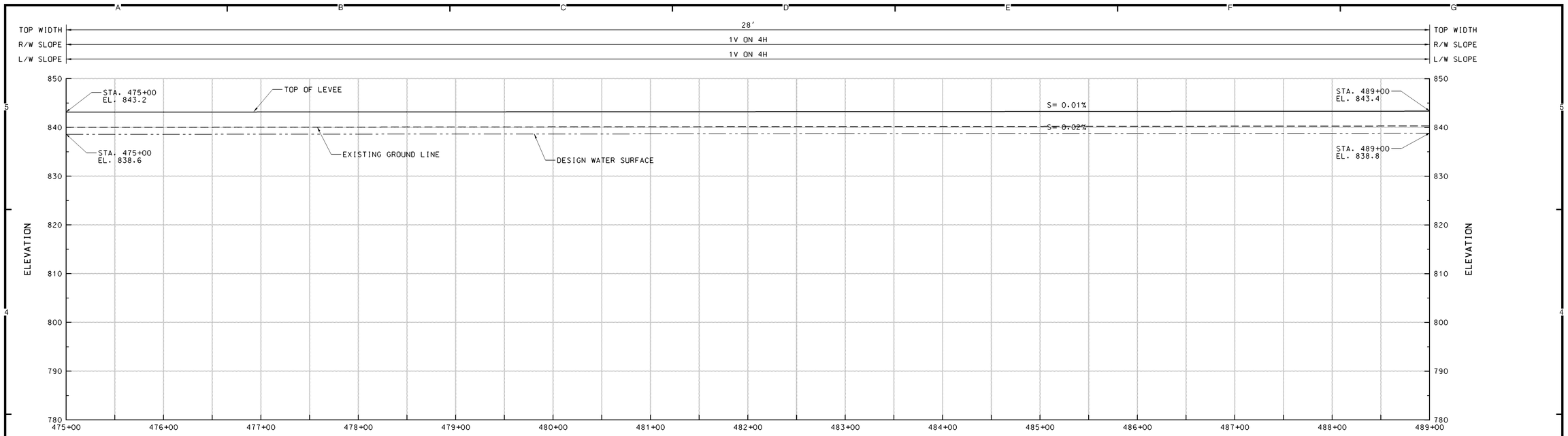
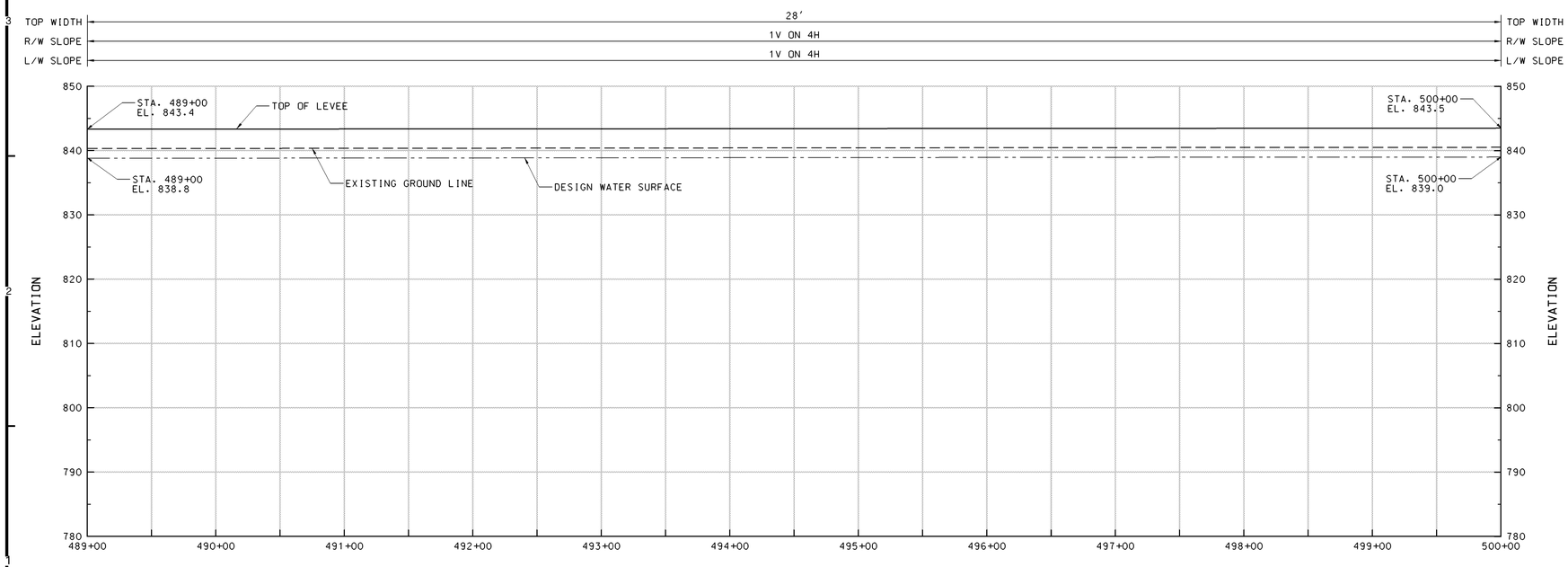
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 450+00 TO STA 475+00

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

CAD FILE NAME: GFGFR019.DGN
DRAWING NUMBER: **PLATE NO. 59**
SHT 59 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

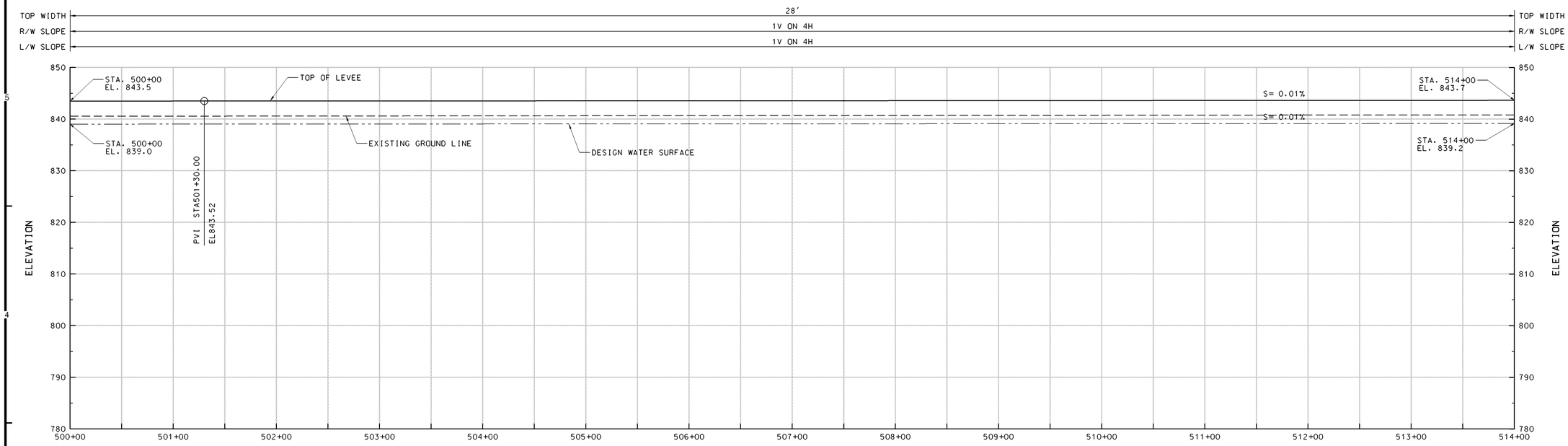
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 475+00 TO STA 500+00

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR020.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 60**
SHT 60 OF 166



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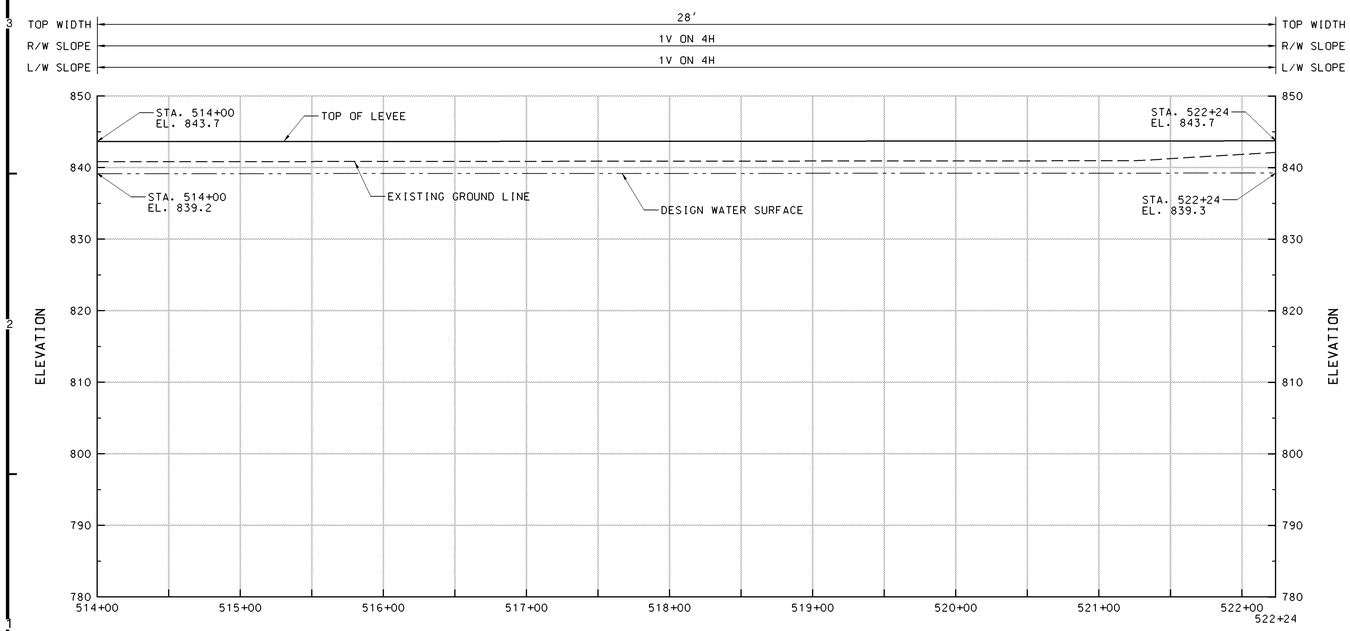


PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

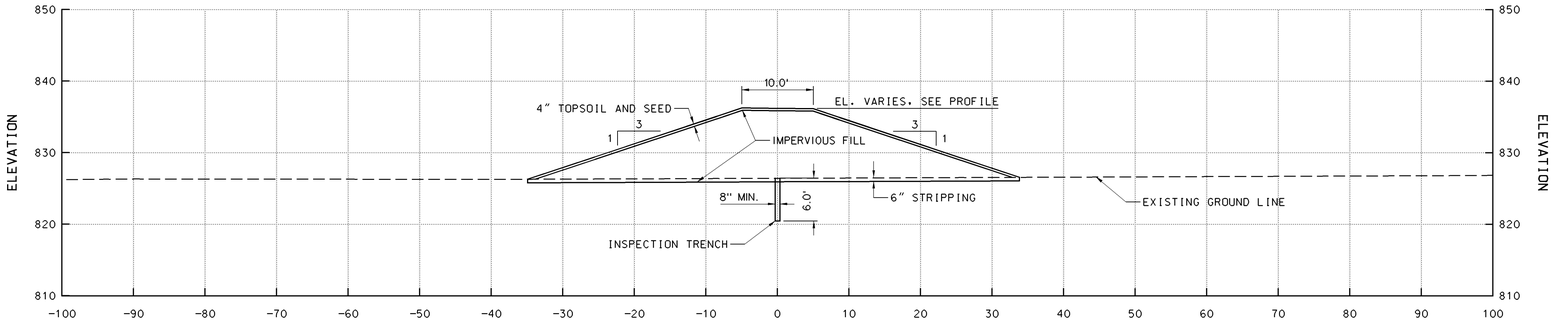
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
PROFILE - STA 500+00 TO STA 522+24

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998

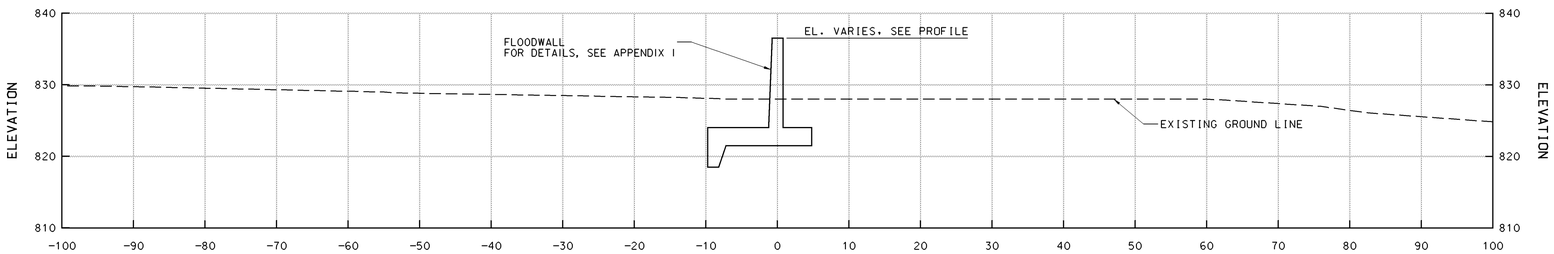
CAD FILE NAME: GFGFR021.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 61**
SHT 61 OF 166



TYPICAL SECTION 1

STA 0+00 TO 63+12.4	6 - 10
STA 77+58.3 TO 110+00	11 - 13
STA 141+00 TO 149+48.4	15, 16
STA 182+20 TO 191+00	18
STA 219+60 TO 228+74	20, 21
STA 301+40 TO 310+32.1	26
STA 407+00 TO 413+50	32, 33
STA 414+80 TO 417+20	33
STA 423+00 TO 468+60	33 - 36

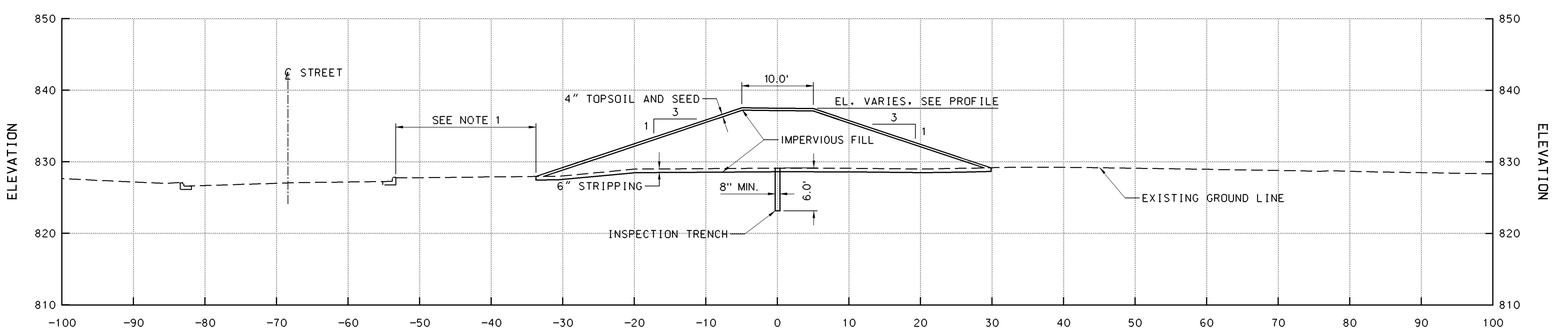
SCALE: AS SHOWN



TYPICAL SECTION 2

STA 63+12.4 TO 77+58.3	10, 11
STA 149+48.4 TO 154+60	16
STA 169+00 TO 177+66.9	17
STA 228+74 TO 236+63.8	21
STA 310+32.1 TO 318+12.2	26, 27

SCALE: AS SHOWN



TYPICAL SECTION 3

STA 128+40 TO 141+00	14, 15
STA 191+00 TO 208+20	19
STA 236+63.8 TO 245+20	21, 22

SCALE: AS SHOWN

NOTE:

1. 10' MINIMUM FROM BACK OF CURB TO TOE OF LEVEE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

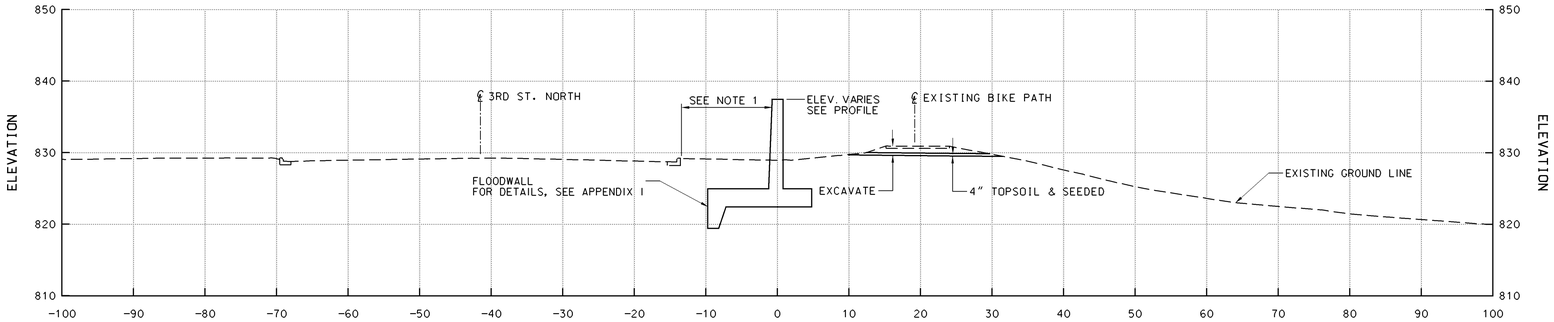
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

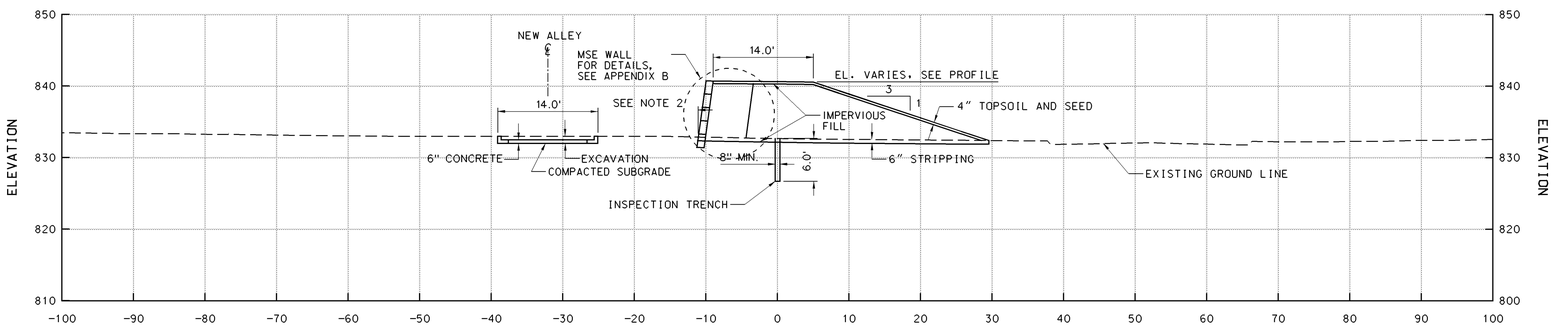
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
TYPICAL SECTIONS 1 - 3

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

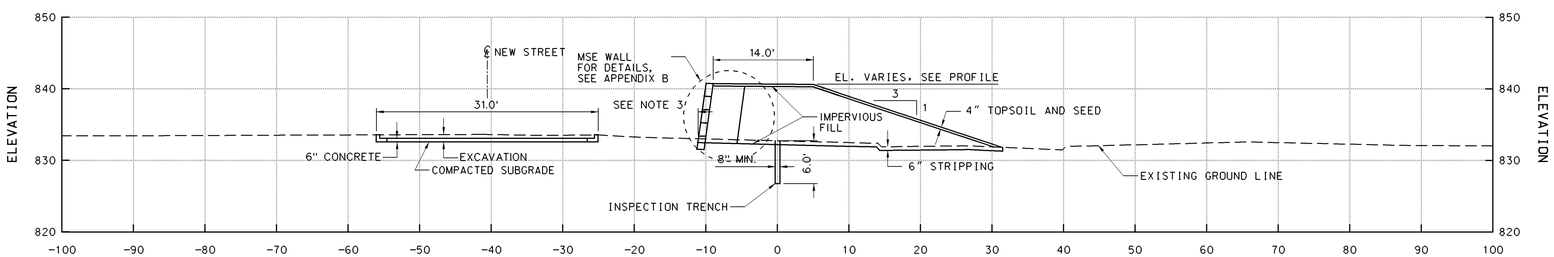
CAD FILE NAME: GFGXR001.DGN
DRAWING NUMBER: PLATE NO. 62
SHT 62 OF 166
DATE: NOVEMBER 1998
SOL. NO:



TYPICAL SECTION 4 / 16 - 18
STA. 154+60 TO 169+00
SCALE: AS SHOWN



TYPICAL SECTION 5 / 23
STA. 254+80 TO 256+80
SCALE: AS SHOWN



TYPICAL SECTION 6 / 23 / 29 / 32
STA 256+80 TO 263+52.7
STA 339+76.8 TO 343+19.1
STA 395+41.0 TO 398+77.1
SCALE: AS SHOWN

NOTES:

1. 10' MINIMUM FROM BACK OF CURB TO FACE OF FLOODWALL.
2. 10' MINIMUM FROM EDGE OF ALLEY TO FACE OF MSE WALL.
3. 10' MINIMUM FROM BACK OF CURB TO FACE OF MSE WALL.

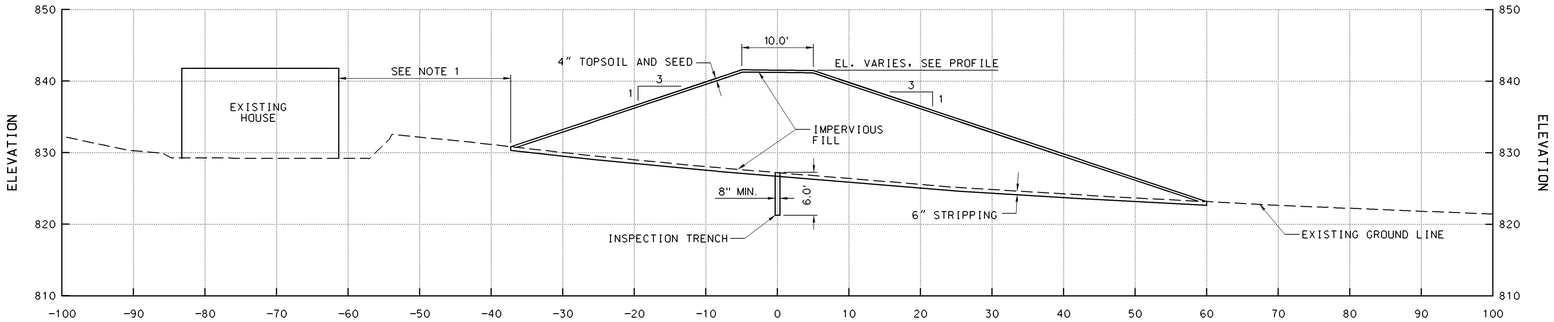
SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
TYPICAL SECTIONS 4 - 6

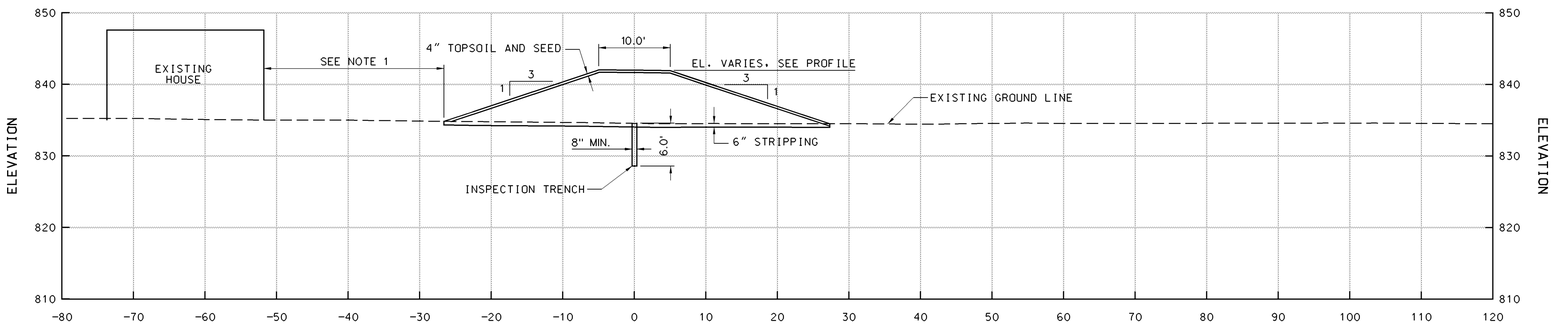
PE-D	DESIGNED: DMT/CWB	
	CHECKED: RGB/MSM	
	DRAWN: JGS	
PE-H	DESIGNED: MJS/MDL	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGXR002.DGN	DRAWING NUMBER: PLATE NO. 63
	SOL. NO:	SHT 63 OF 166



TYPICAL SECTION 7

STA 318+12.2 TO 329+20	27, 28
STA 337+80 TO 339+55.9	28
STA 343+20.9 TO 352+80	29
STA 356+00 TO 374+33	30, 31
STA 379+79.6 TO 382+93.8	31
STA 384+30 TO 395+41.0	31, 32
STA 398+77.1 TO 402+20	32

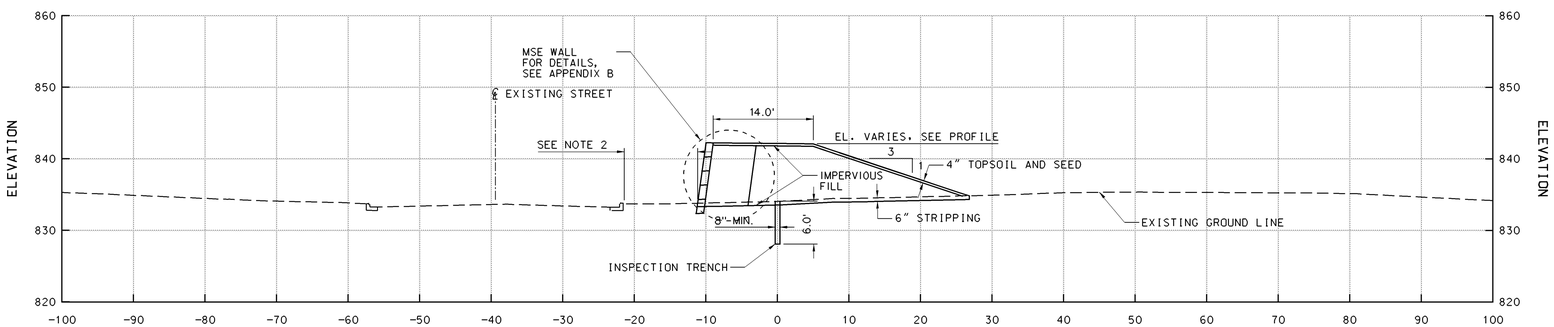
SCALE: AS SHOWN



TYPICAL SECTION 8

STA. 352+80 TO 356+00 — 29, 30

SCALE: AS SHOWN



TYPICAL SECTION 9

STA 374+33 TO 379+79.6	31
STA 382+93.8 TO 384+30.4	31

SCALE: AS SHOWN

NOTES:

1. 20' MINIMUM FROM FACE OF HOUSE TO TOE OF LEVEE.
2. 10' MINIMUM FROM BACK OF CURB TO FACE OF MSE WALL.

SYMBOL	DESCRIPTION	DATE	APPROVAL

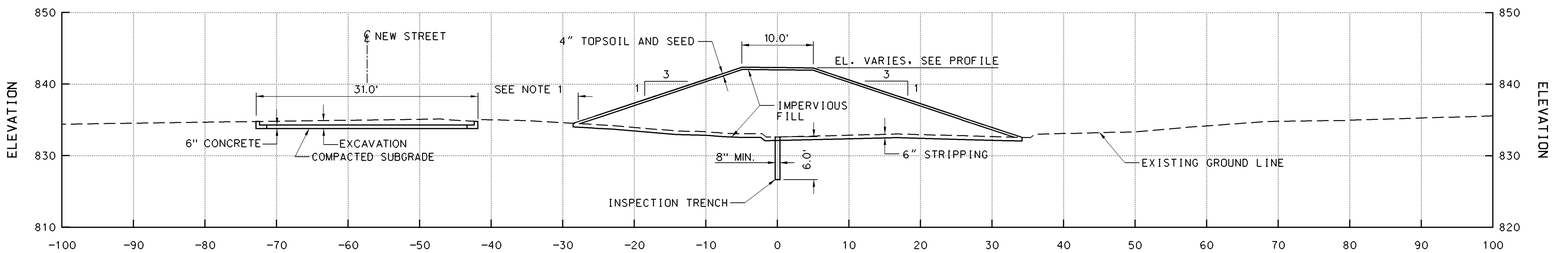
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

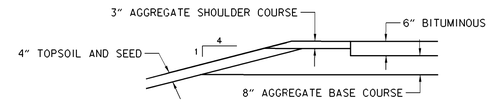
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
TYPICAL SECTIONS 7 - 9

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

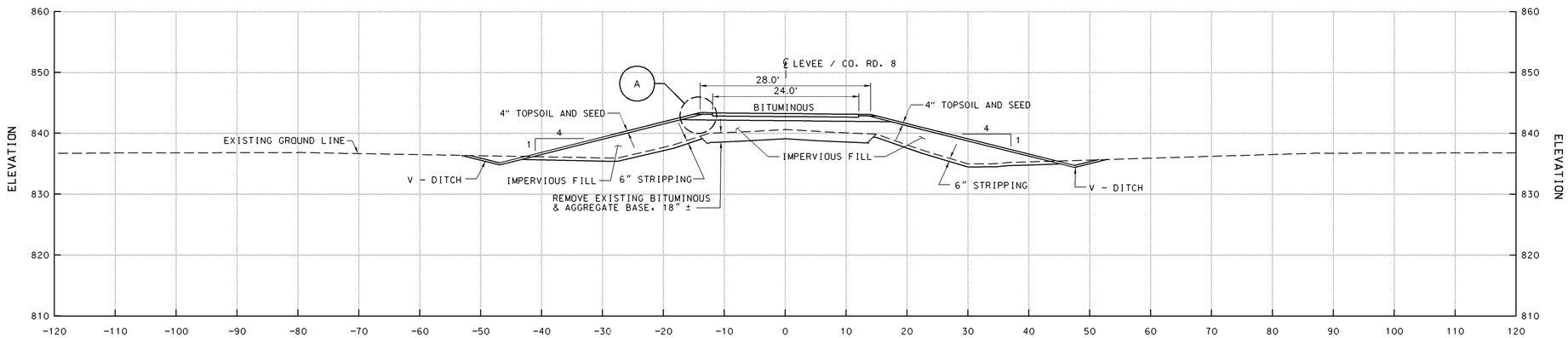
CAD FILE NAME: GFGXR003.DGN
DRAWING NUMBER: PLATE NO. 64
SHT 64 OF 166
DATE: NOVEMBER 1998
SOL. NO:



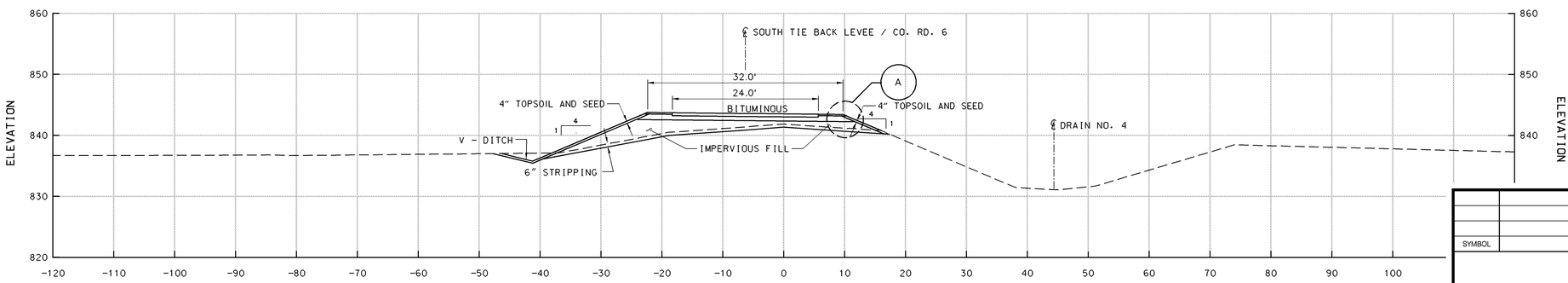
TYPICAL SECTION (10)
STA 402+20 TO 407+00 (32)
STA 413+50 TO 414+80 (33)
STA 417+20 TO 423+00 (33)
SCALE: AS SHOWN



DETAIL A
TYPICAL BITUMINOUS SECTION
SCALE: NONE



TYPICAL SECTION (11)
STA 468+60 TO 522+23 (36 - 40)
SCALE: AS SHOWN



TYPICAL SECTION (12)
STA 0+00B TO 119+50B (4)
SCALE: AS SHOWN

NOTE:

1. 10' MINIMUM FROM BACK OF CURB TO TOE OF LEVEE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

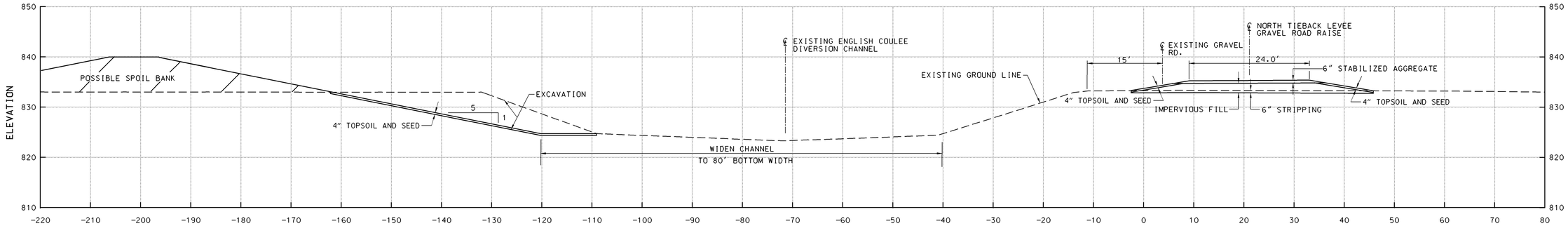
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

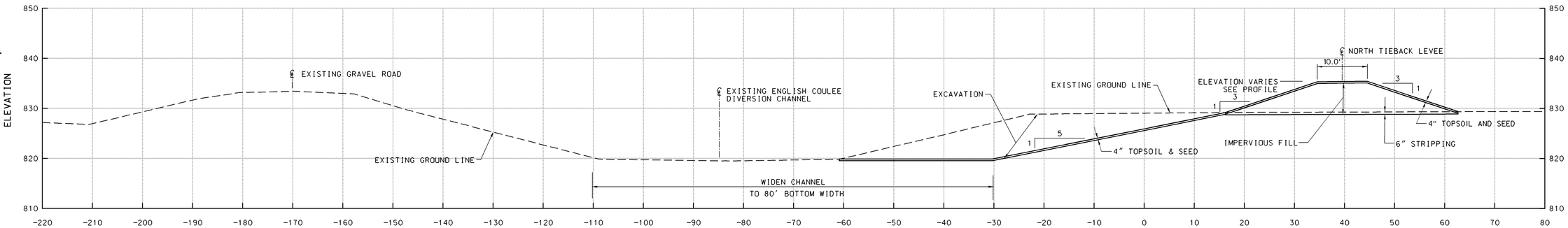
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
TYPICAL SECTIONS 10 - 12

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS/TRJ
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

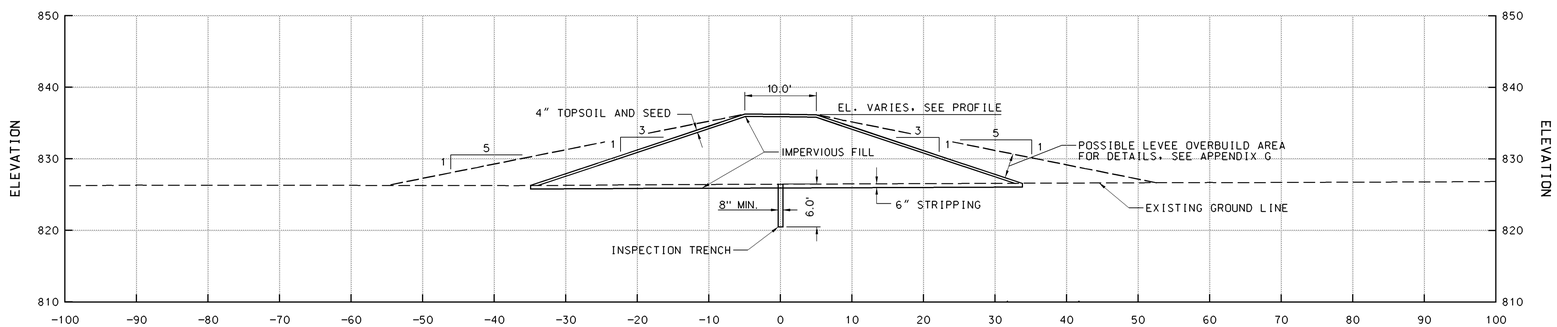
DATE: NOVEMBER 1998
CAD FILE NAME: GFGXR004.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 65**
SHT 65 OF 166



TYPICAL SECTION 13/4
STA. 0+00A TO 52+65A
SCALE: AS SHOWN



TYPICAL SECTION 14/4, 6
STA. 53+00A TO 147+66A
SCALE: AS SHOWN



TYPICAL SECTION 15

STA 110+00 TO 128+40	13 - 14
STA 177+66.9 TO 182+20	18
STA 208+20 TO 219+60	20
STA 240+40 TO 254+80	22, 23
STA 263+52.7 TO 301+40	23 - 26
STA 327+00 TO 337+80	28

SCALE: AS SHOWN

SYMBOL	DESCRIPTION	DATE	APPROVAL

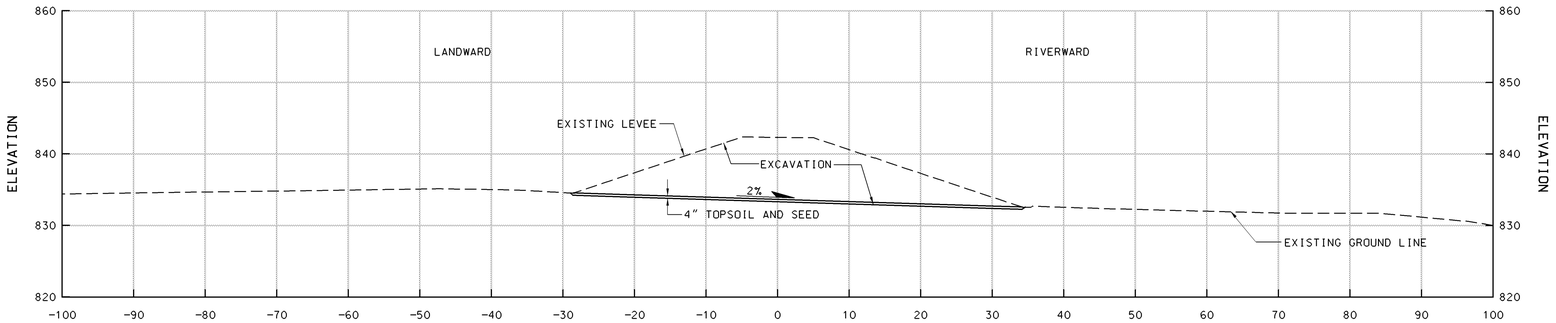
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
TYPICAL SECTIONS 13 - 15

PE-D: DESIGNED: DMT/CWB; CHECKED: RGB/MSM; DRAWN: JGS/TRJ
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

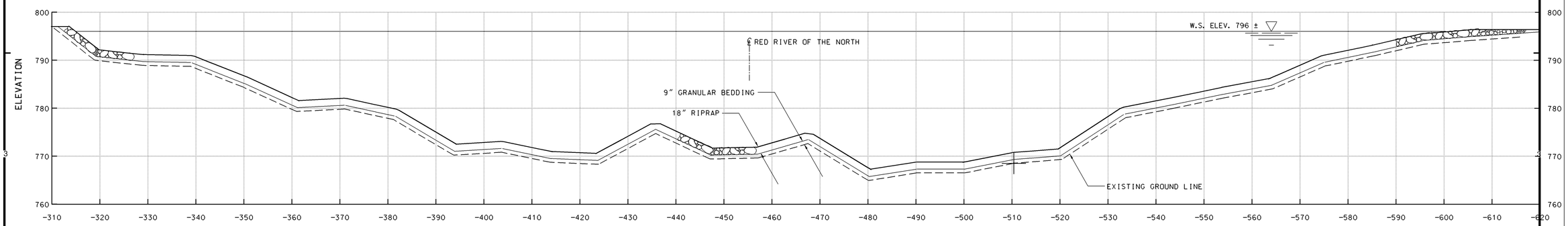
CAD FILE NAME: GFGXR005.DGN
DRAWING NUMBER: **PLATE NO. 66**
SHT 66 OF 166
DATE: NOVEMBER 1998
SOL. NO:



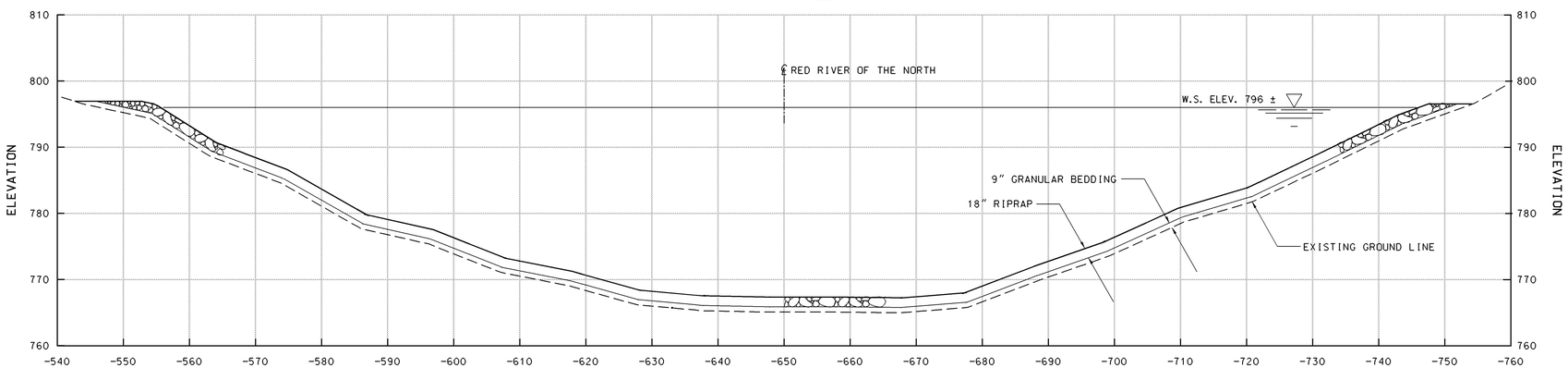
TYPICAL LEVEE REMOVAL (16)

RIVERSIDE PARK	68
NORTH 3RD STREET	69
CENTRAL PARK	70
LINCOLN DRIVE	71
LINCOLN PARK	72
OLSON DRIVE	73
SHERLOCK PARK	125
DOWNTOWN EAST GRAND FORKS	126
3RD AVE SE	164

SCALE: AS SHOWN



TYPICAL BANK STABILIZATION SECTION (17)
DOWNSTREAM OF JUNCTION WITH RED LAKE RIVER (165)
SCALE: AS SHOWN



TYPICAL BANK STABILIZATION SECTION (18)
UPSTREAM OF JUNCTION WITH RED LAKE RIVER (165)
SCALE: AS SHOWN

SYMBOL	DESCRIPTION	DATE	APPROVAL

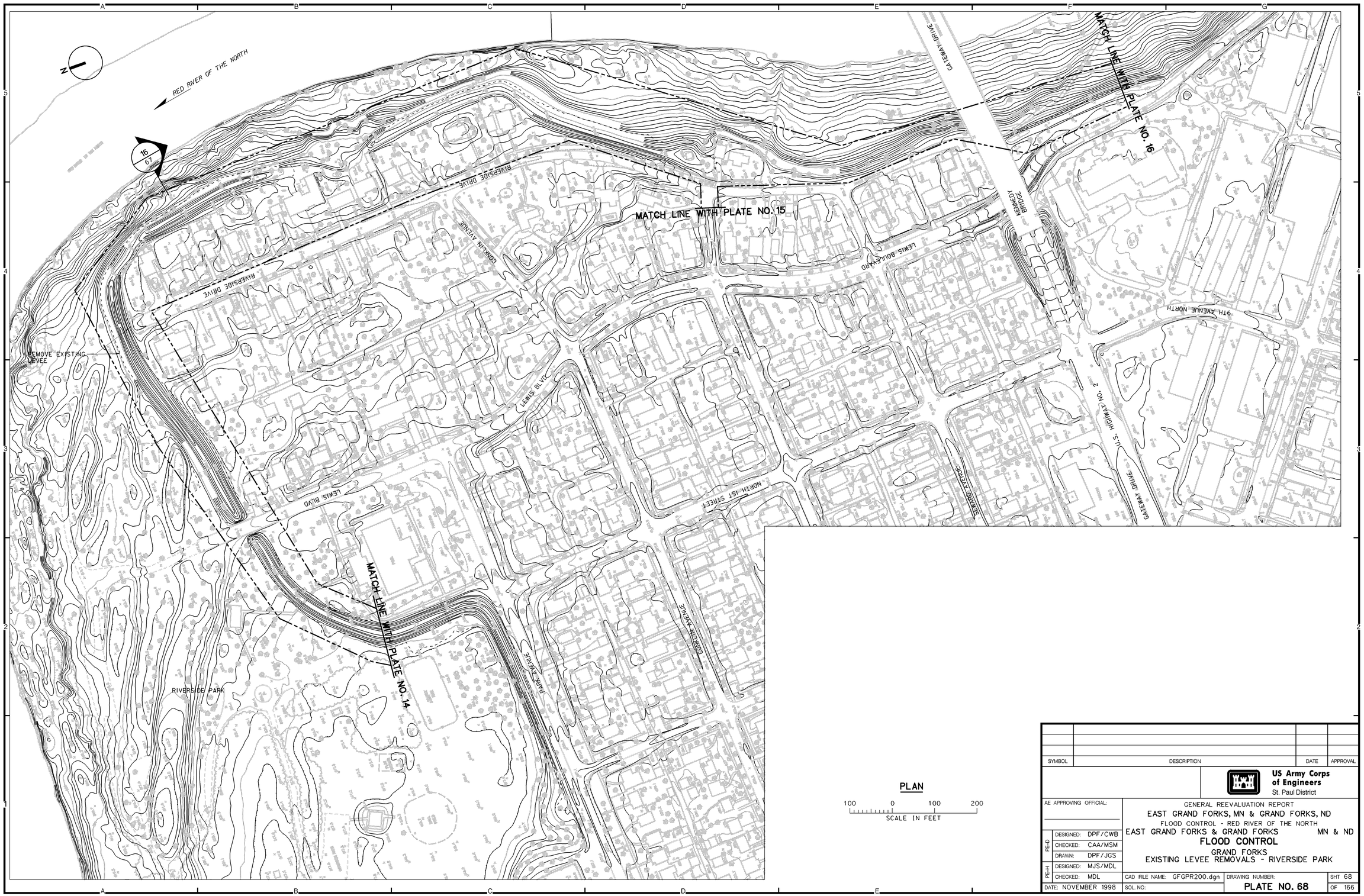
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
TYPICAL SECTIONS 16 - 18

PE-D	DESIGNED:	DMT/CWB
	CHECKED:	RGB/MSM
	DRAWN:	JGS/TRJ
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGXR006.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 67**
SHT 67 OF 166



PLAN

100 0 100 200
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

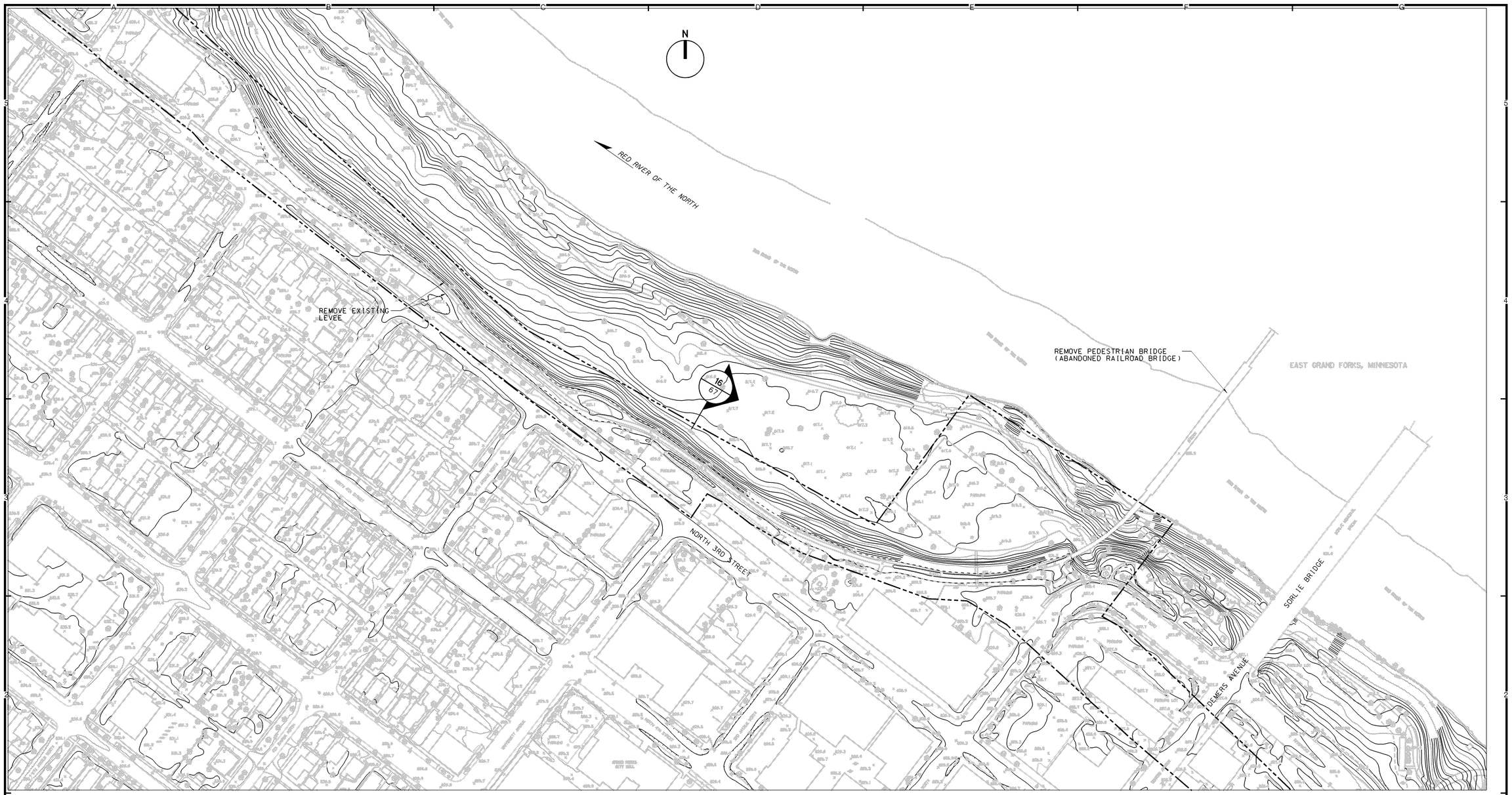
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
EXISTING LEVEE REMOVALS - RIVERSIDE PARK

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR200.dgn
SOL. NO:
DRAWING NUMBER: **PLATE NO. 68**
SHT 68 OF 166



PLAN

100 0 100 200
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

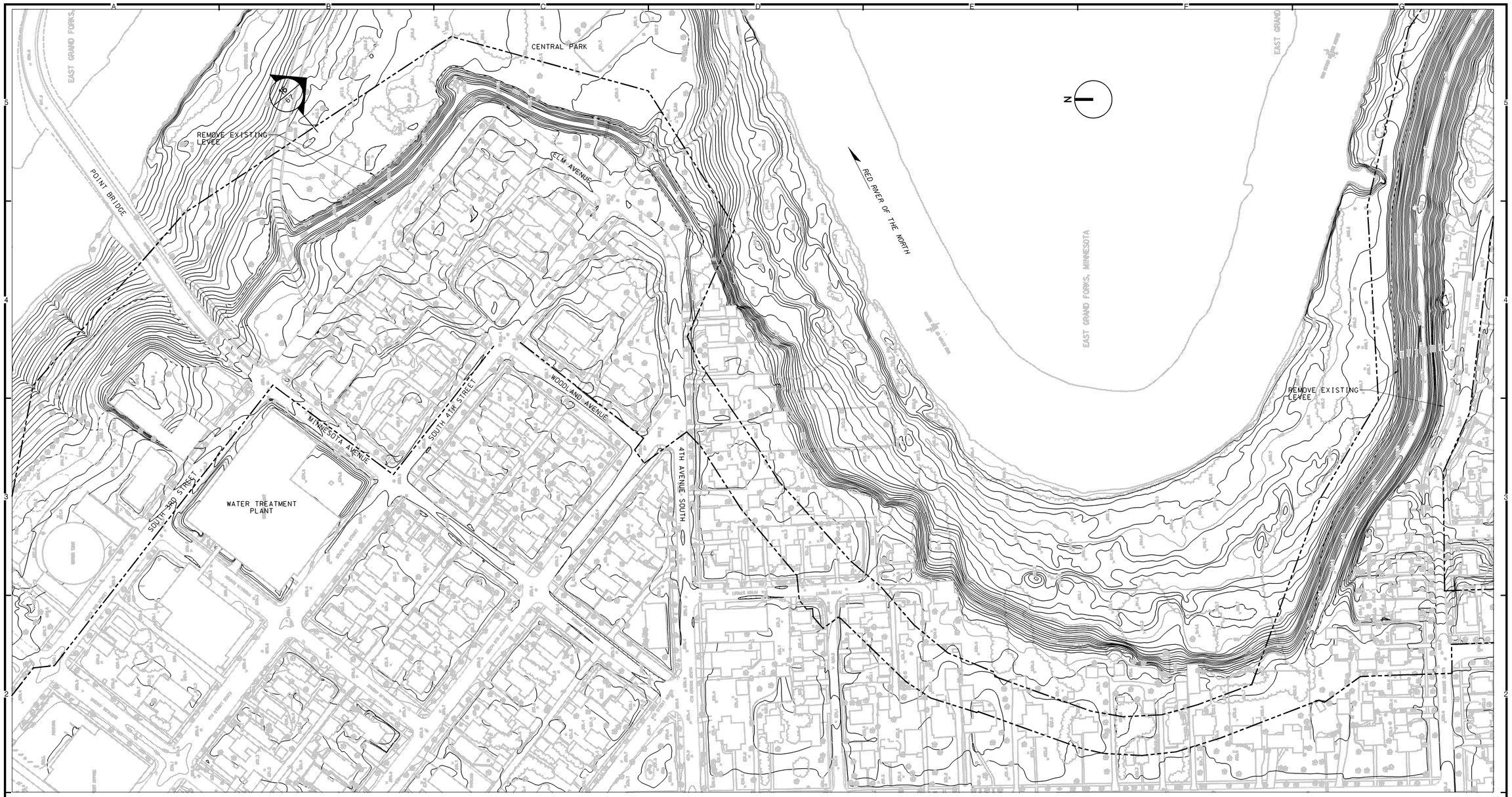
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
EXISTING LEVEE REMOVALS - NORTH 3RD STREET

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR201.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 69**
SHT 69 OF 166



PLAN

100 0 100 200

SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
EXISTING LEVEE REMOVALS - CENTRAL PARK

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

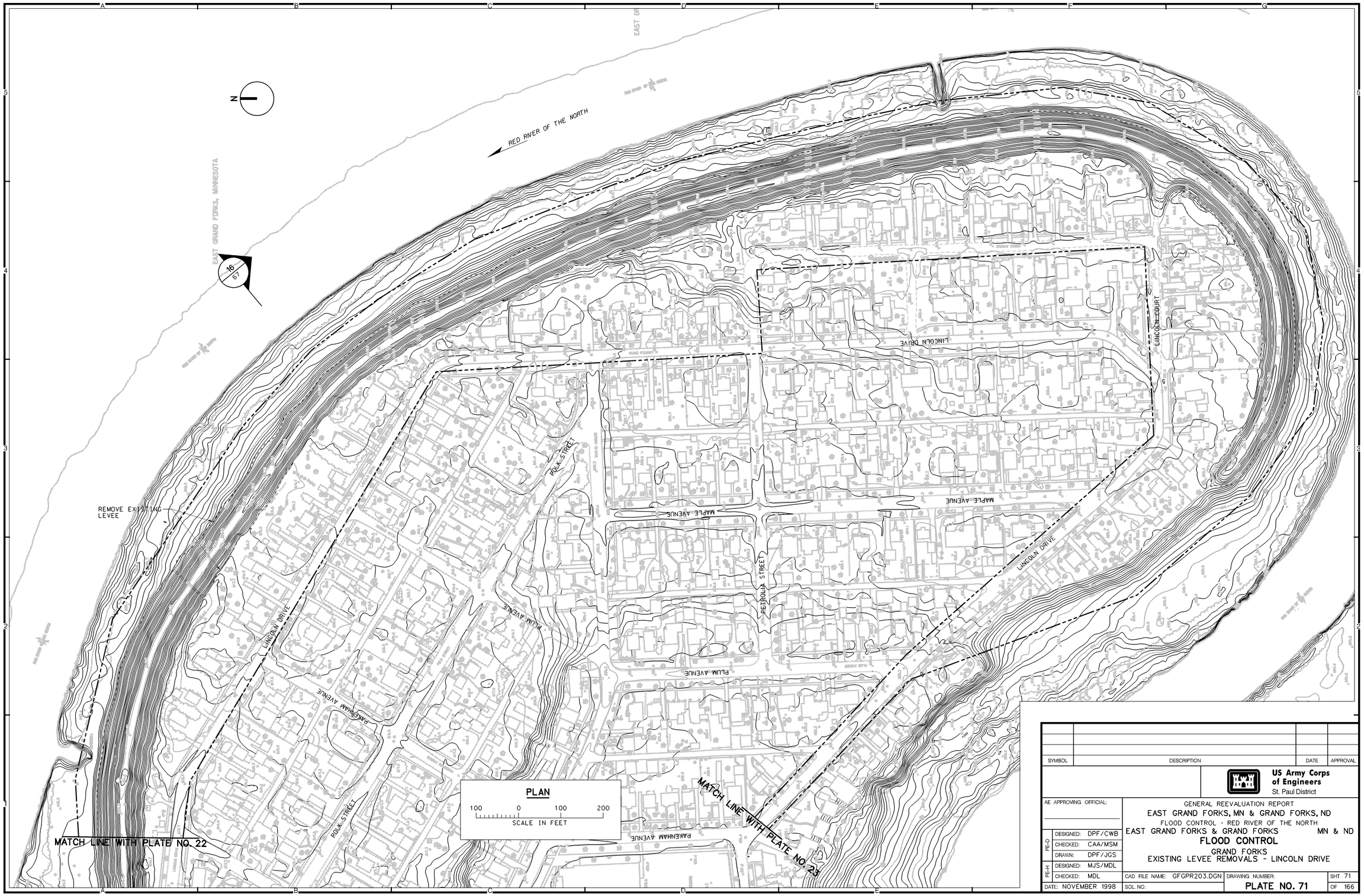
DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR202.DGN

SOL. NO:

DRAWING NUMBER: **PLATE NO. 70**

SHT 70 OF 166



SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

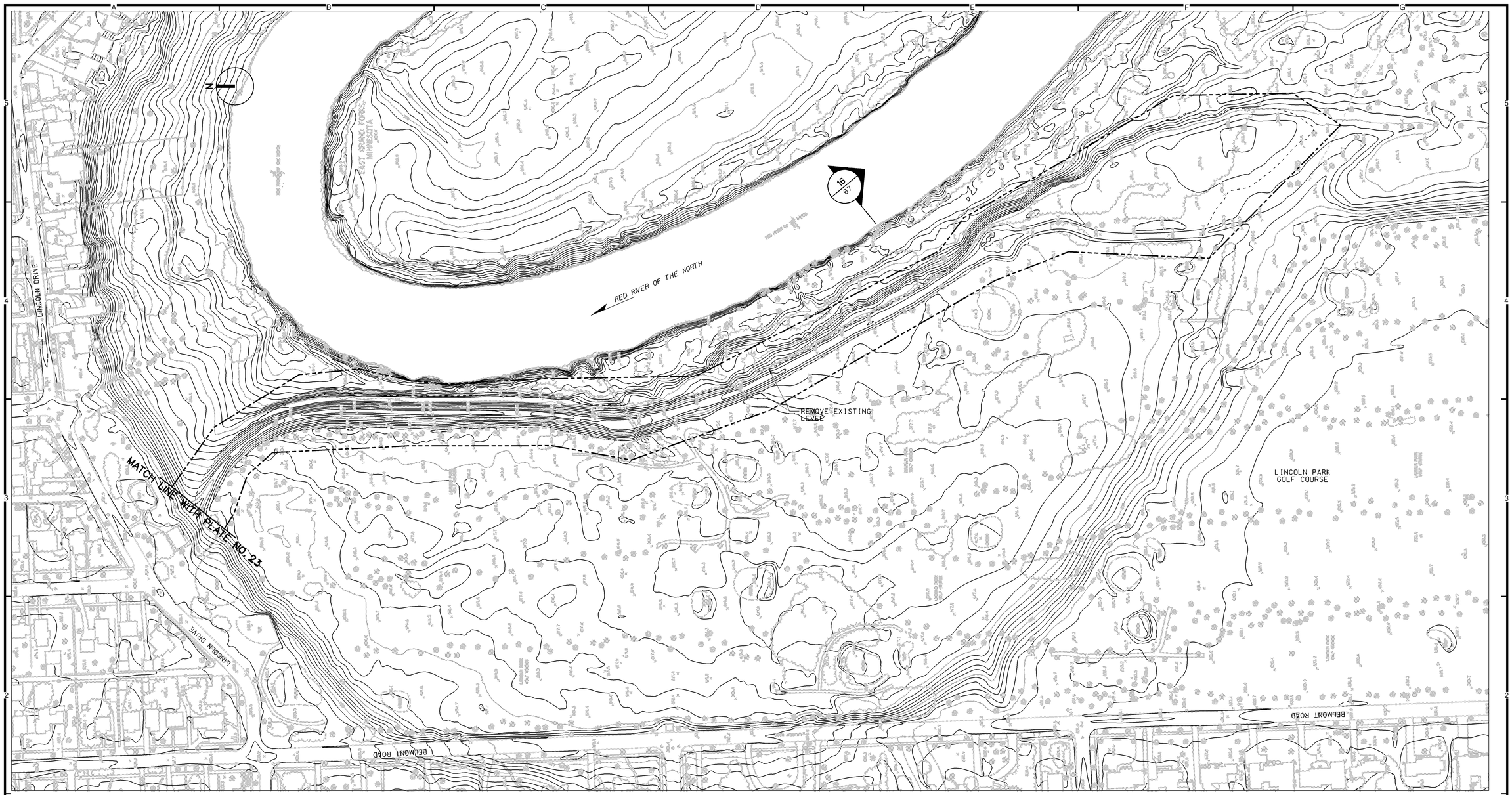
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
EXISTING LEVEE REMOVALS - LINCOLN DRIVE

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR203.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 71**
SHT 71 OF 166



PLAN

100 0 100 200

SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
EXISTING LEVEE REMOVALS - LINCOLN PARK

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

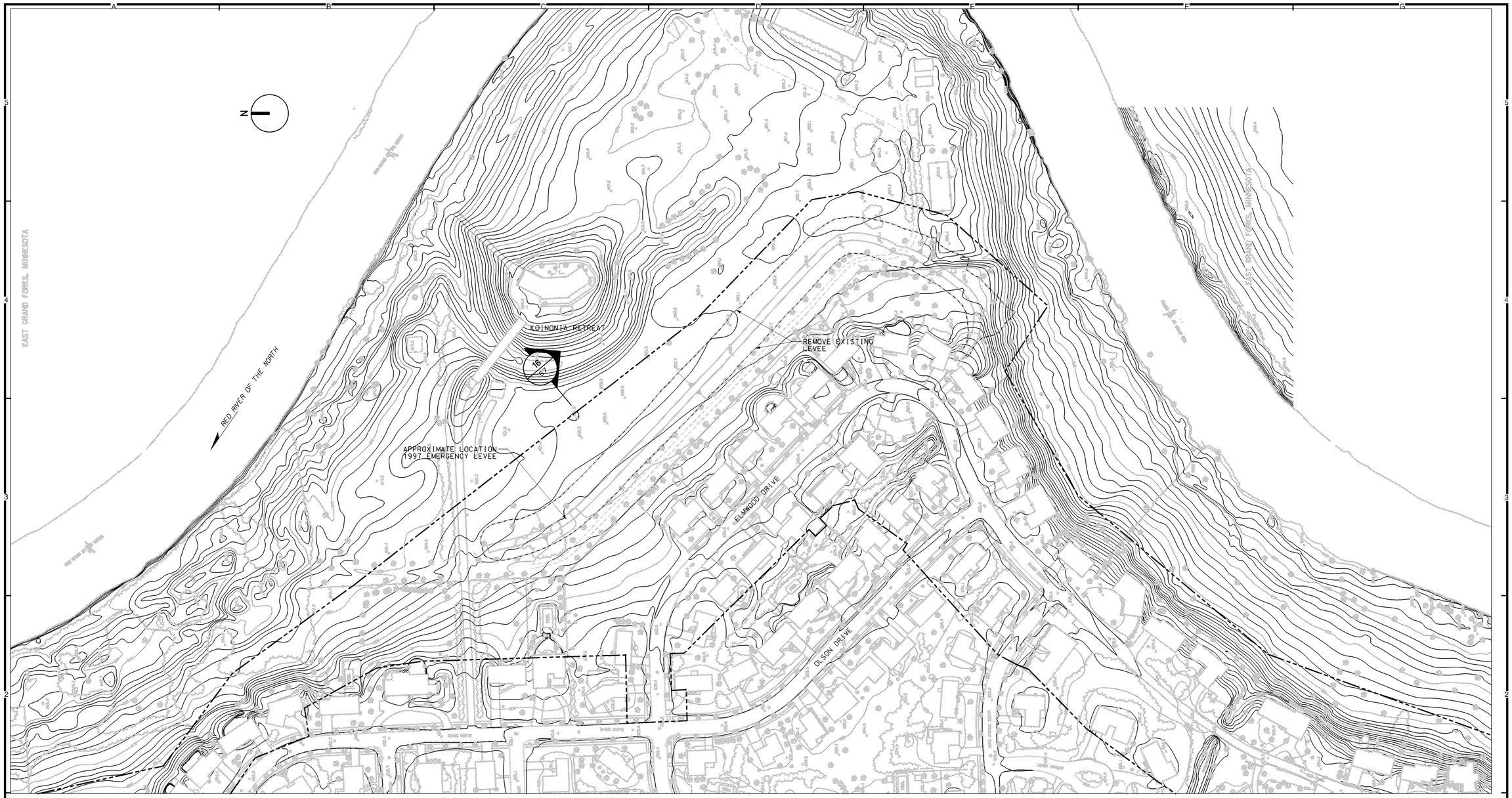
DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR204.DGN

SOL. NO:

DRAWING NUMBER: **PLATE NO. 72**

SHT 72 OF 166



PLAN

100 0 100 200
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

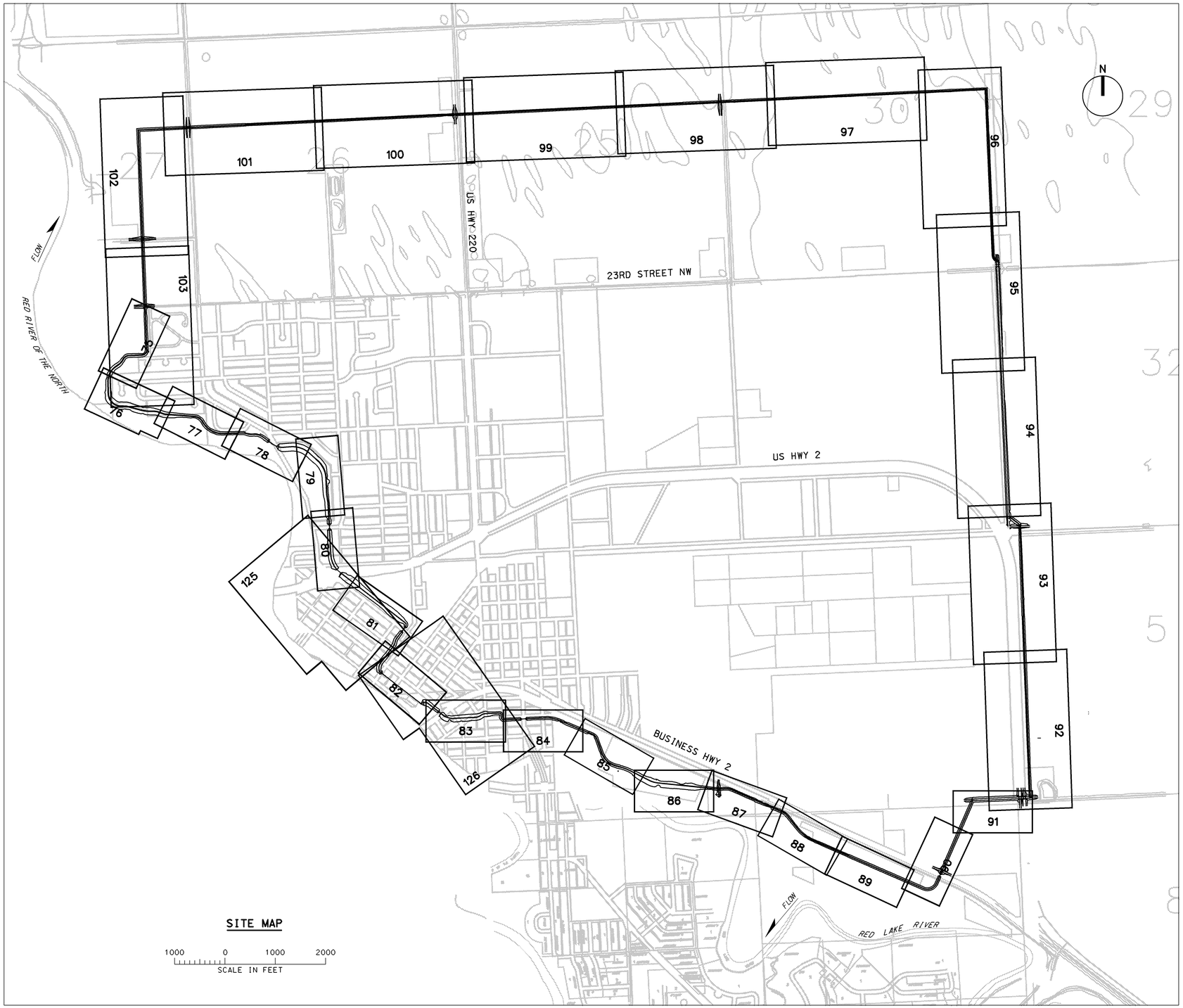
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
GRAND FORKS
EXISTING LEVEE REMOVAL - OLSON DRIVE

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/JGS
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR205.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 73**
SHT 73 OF 166



SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
SITE MAP
EAST GRAND FORKS

PE-D	DESIGNED:	DT/CA/CB
	CHECKED:	RGB/MSM
	DRAWN:	CAA
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

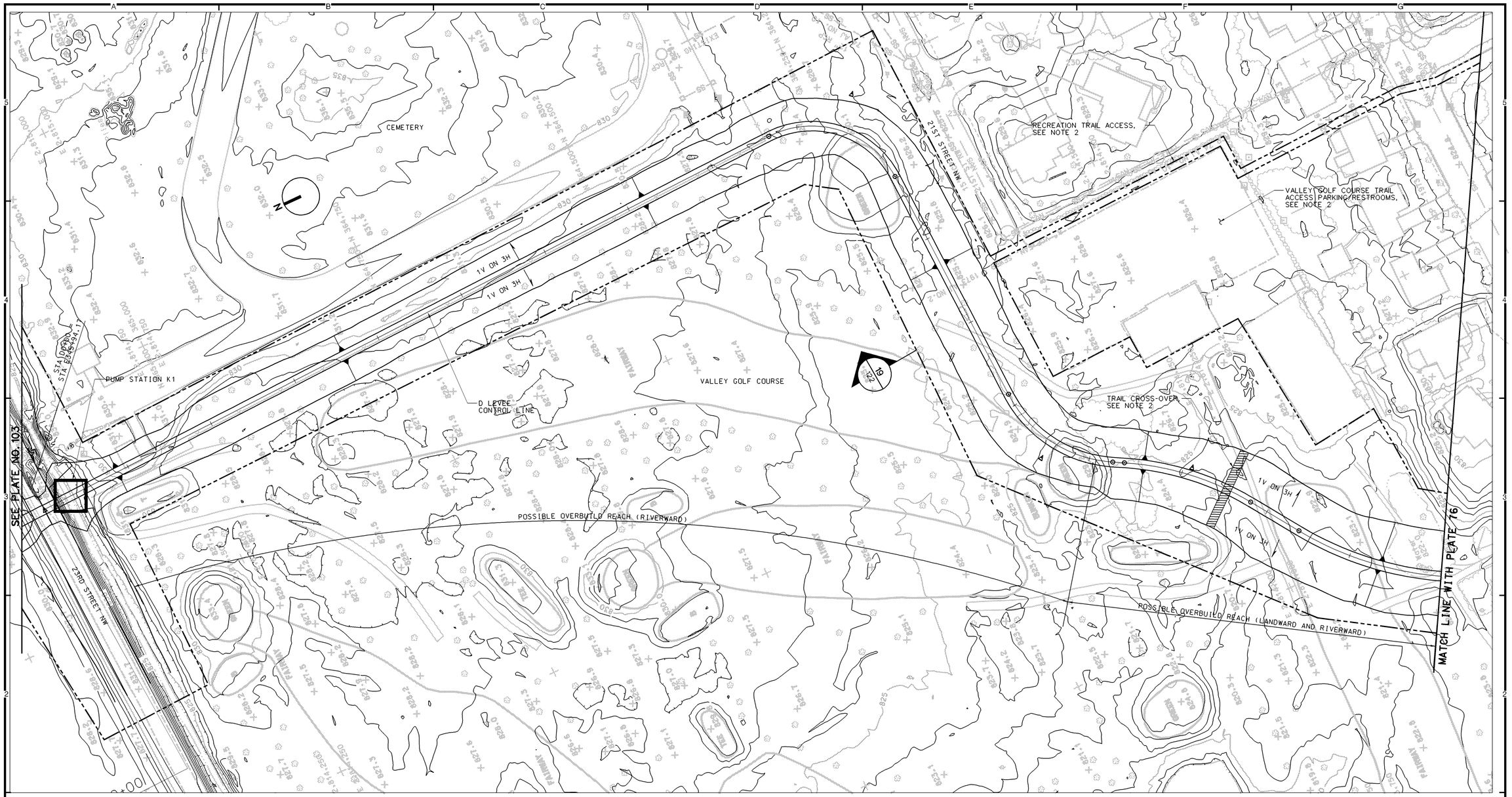
DATE: NOVEMBER 1998

CAD FILE NAME: GF10R104.DGN

SOL. NO:

DRAWING NUMBER:
PLATE NO. 74

SHT 74 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	104
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

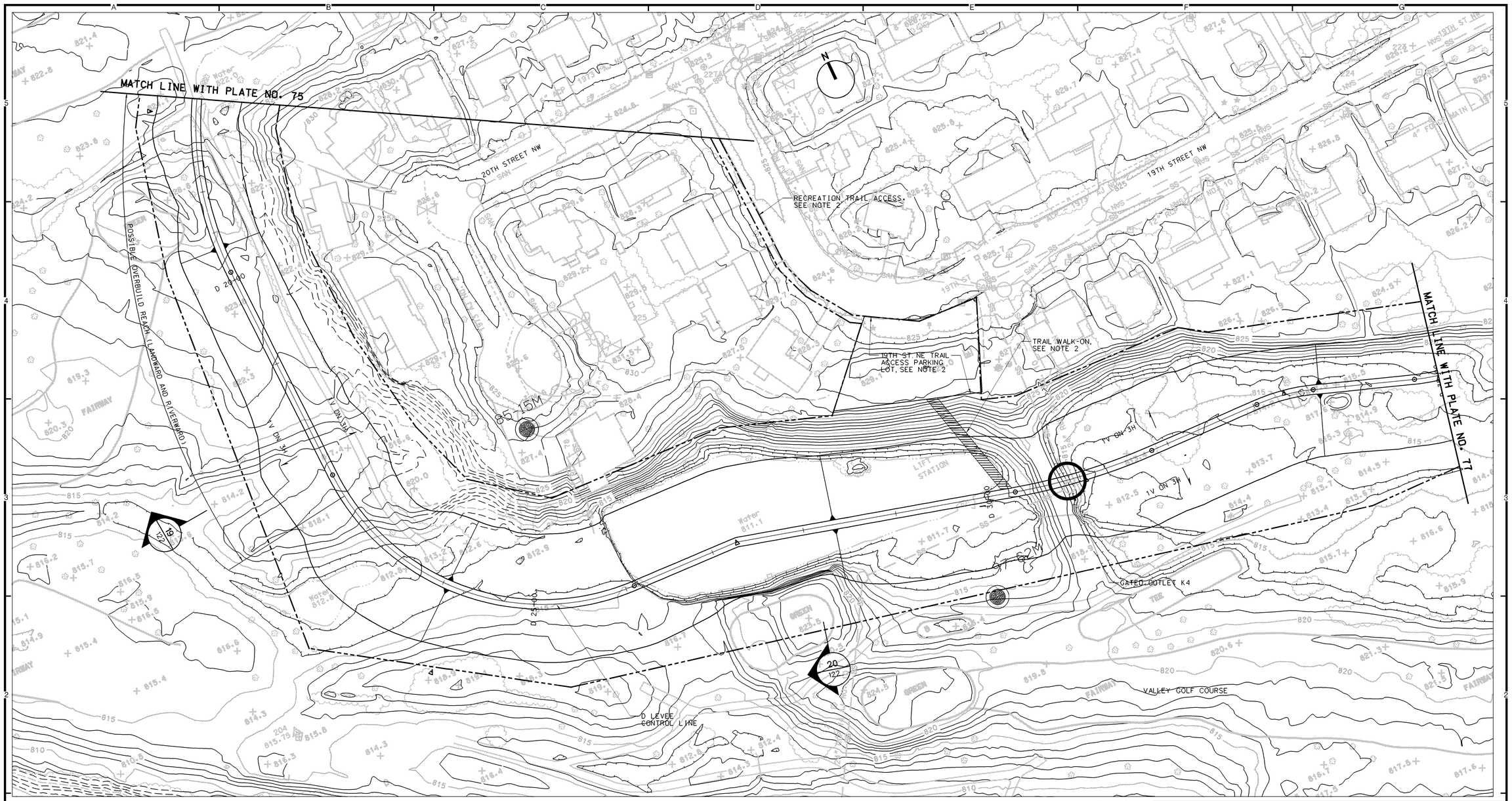
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D0+00 TO STA D18+00

PE-D	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF/LKT	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	

CAD FILE NAME: GFGPR100.DGN
DRAWING NUMBER: PLATE NO. 75
SHT 75 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	104-105
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

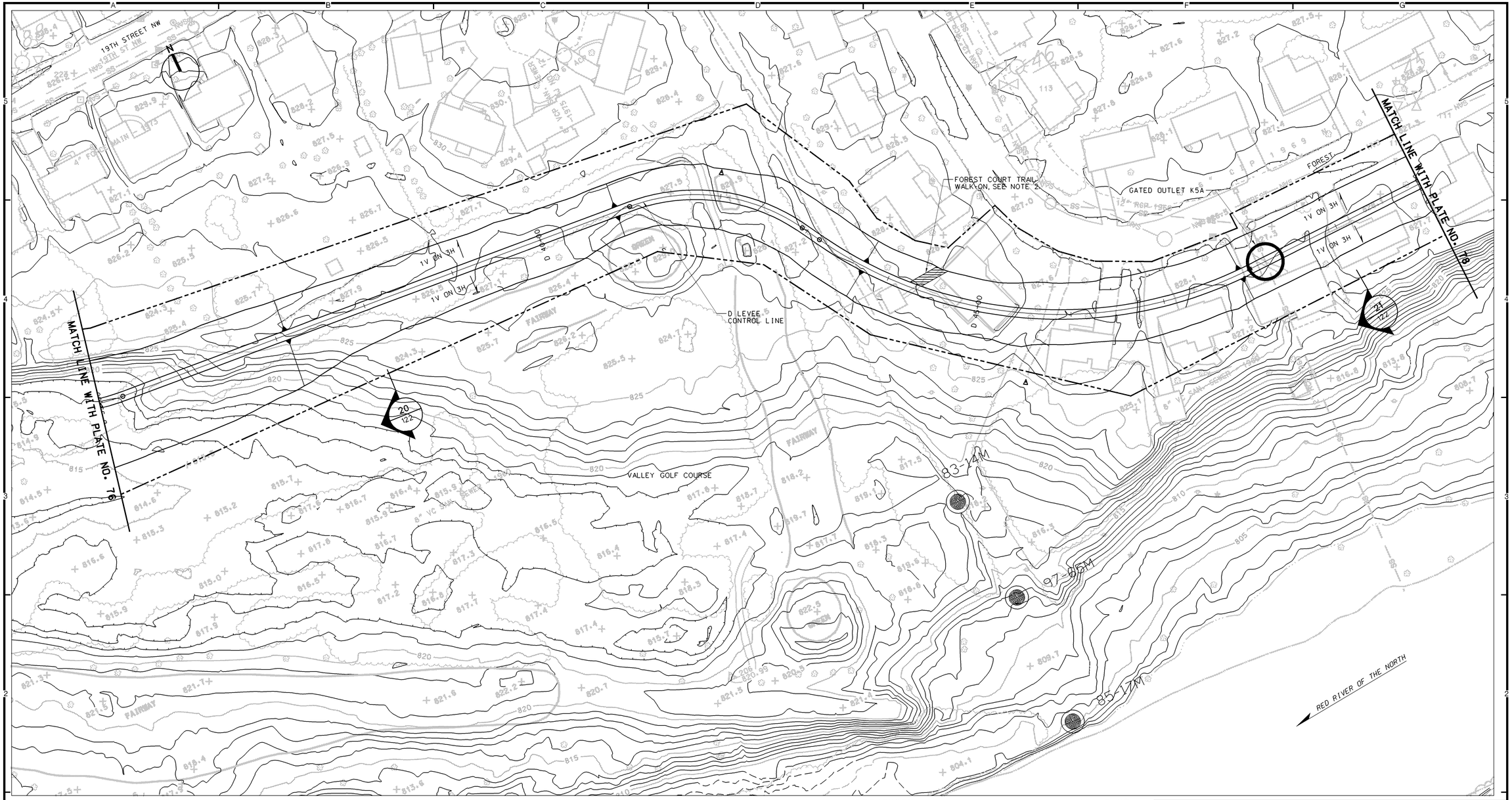
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D18+00 TO STA D35+00

PE-D	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF/LKT	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGPR101.DGN	SOL. NO:

DRAWING NUMBER: PLATE NO. 76

SHT 76 OF 166



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	105
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

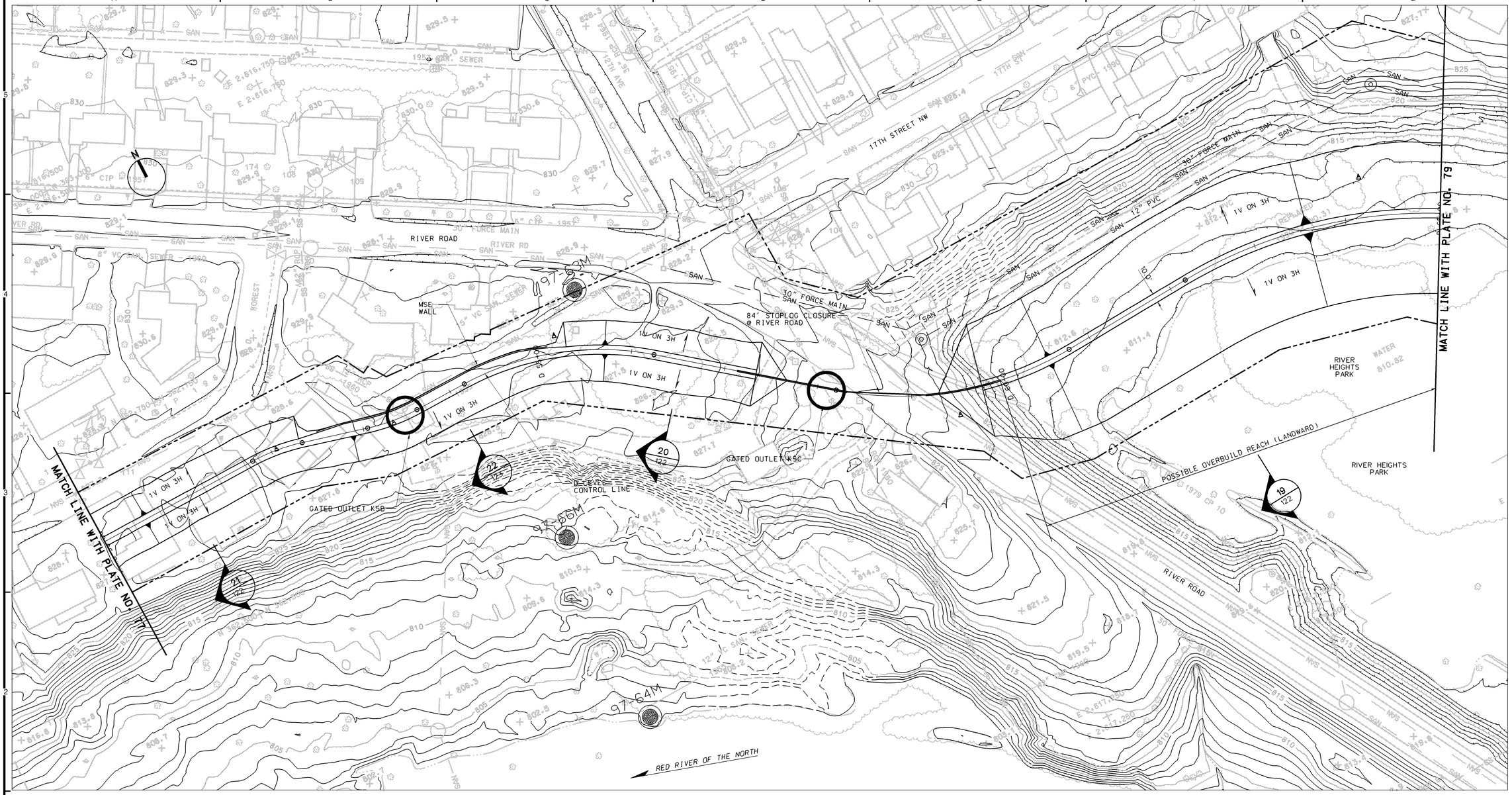
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D35+00 TO STA D50+00

PE-O	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF/LKT	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	

CAD FILE NAME: GFGPR1C2.DGN
DRAWING NUMBER: **PLATE NO. 77**
SHT 77 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	105
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D50+00 TO STA D65+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MJS/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR103.DGN
DRAWING NUMBER: PLATE NO. 78
SHT 78 OF 166
DATE: NOVEMBER 1998
SOL. NO:

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	106-107
3.	TYPICAL SECTIONS	122-123

PLAN

50 0 50 100

SCALE IN FEET

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D65+00 TO STA D79+00

PE-D	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF/LKT	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	

CAD FILE NAME: GFGPR104.DGN
DRAWING NUMBER: **PLATE NO. 79**
SHT 79 OF 166
DATE: NOVEMBER 1998
SOL. NO:

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	107
3.	TYPICAL SECTIONS	122-123

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

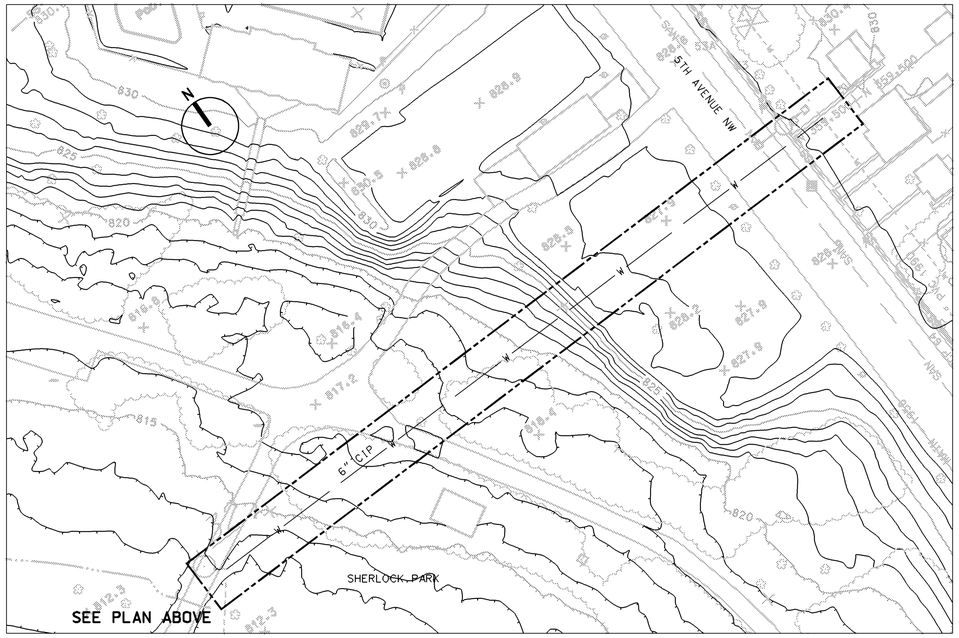
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D79+00 TO STA D95+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MJS/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR105.DGN
DRAWING NUMBER: **PLATE NO. 80**
SHT 80 OF 166
DATE: NOVEMBER 1998
SOL. NO:



DETAIL

50 0 50 100
SCALE IN FEET

PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	107-108
3. TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

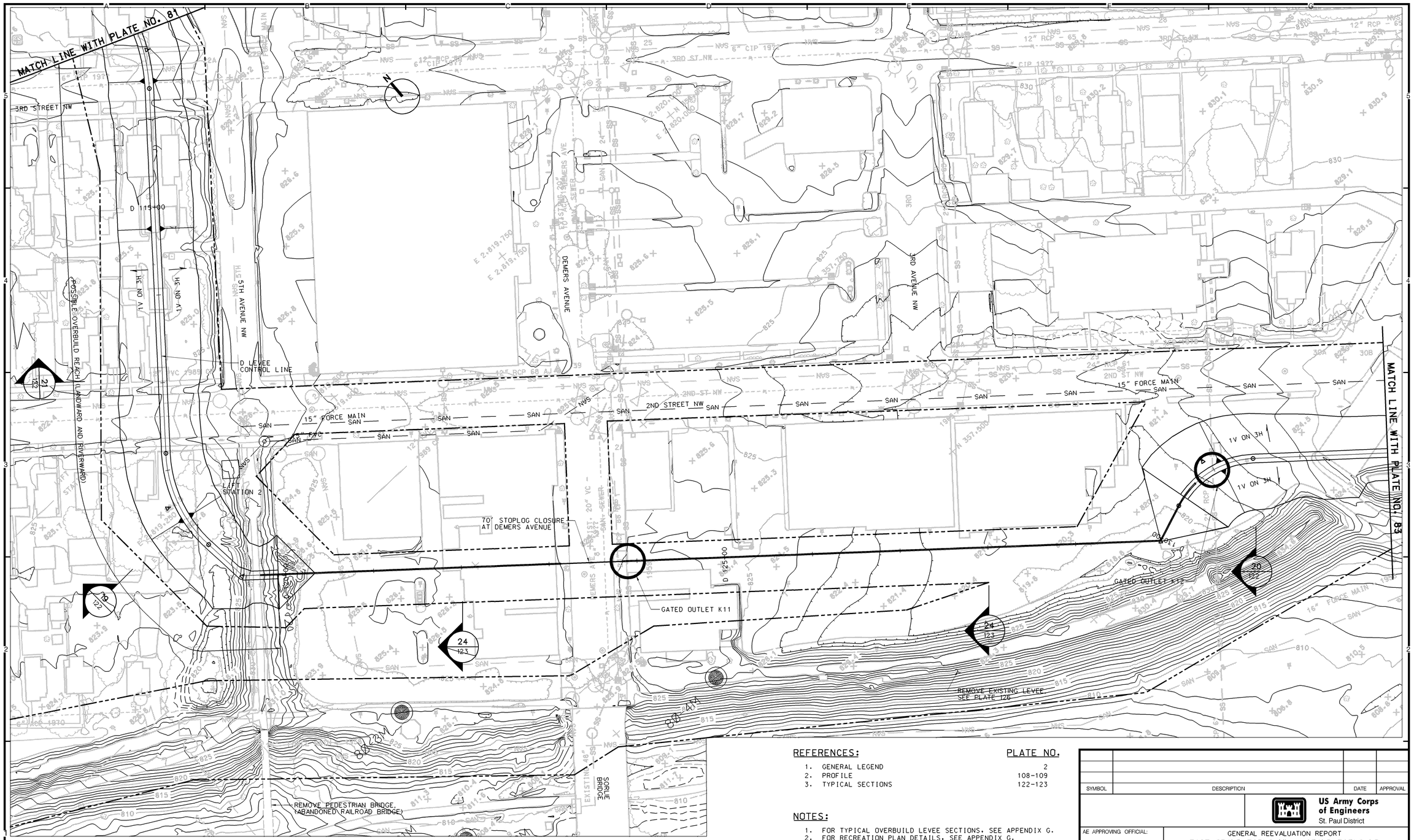
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D95+00 TO STA D113+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MJS/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR106.DGN
DRAWING NUMBER: PLATE NO. 81
SHT 81 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	108-109
3.	TYPICAL SECTIONS	122-123

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

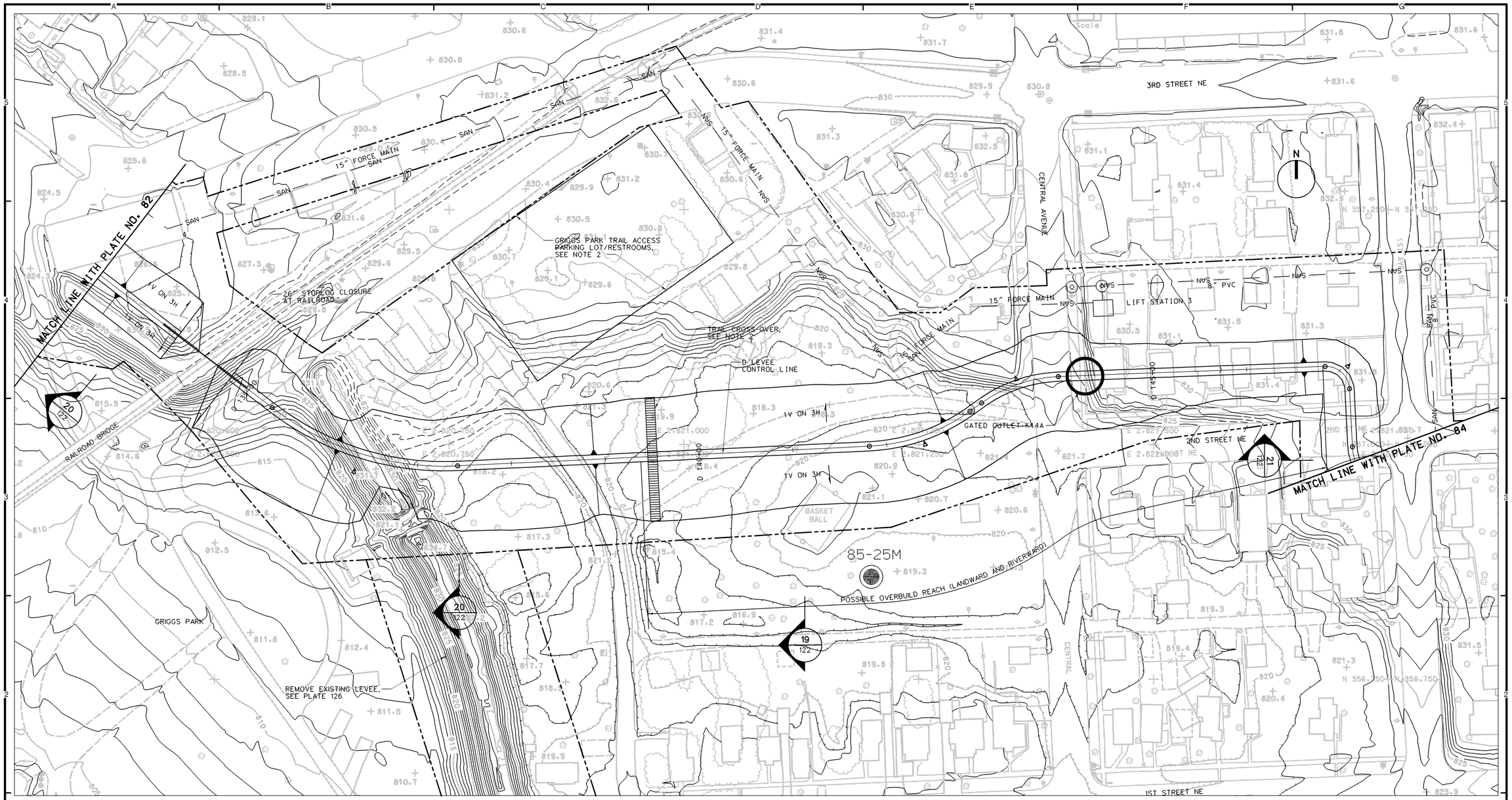
SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D113+TO STA D133+00

PE-D	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF/LKT	
PE-H	DESIGNED: MJS/JWM	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGPR107.DGN	DRAWING NUMBER: **PLATE NO. 82**
	SOL. NO:	SHT 82 OF 166



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	109
3.	TYPICAL SECTIONS	122

PLAN

50 0 50 100
SCALE IN FEET

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

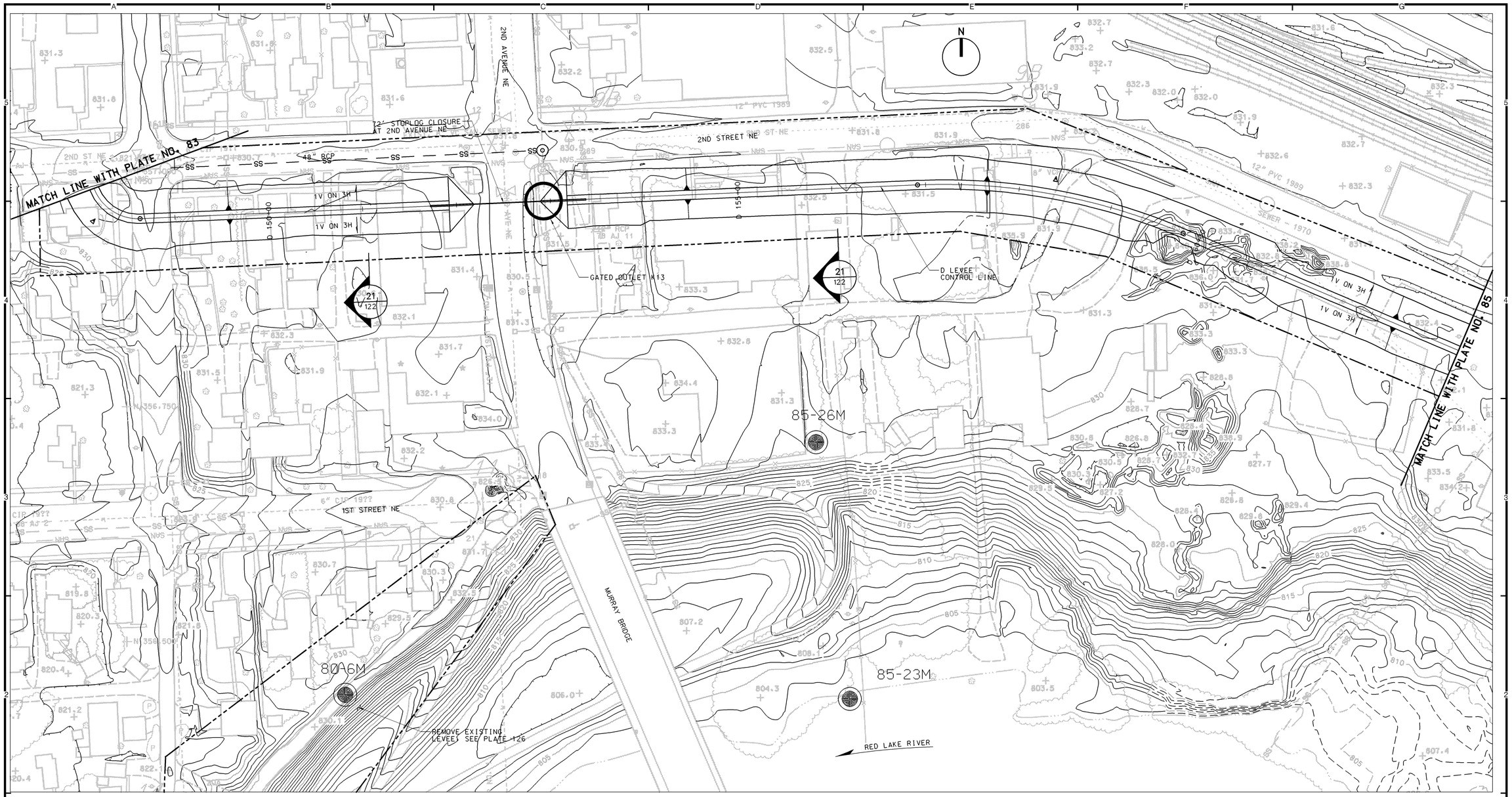
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D133+00 TO STA D148+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MJS/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR108.DGN
DRAWING NUMBER: **PLATE NO. 83**
SHT 83 OF 166
DATE: NOVEMBER 1998
SOL NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	109-110
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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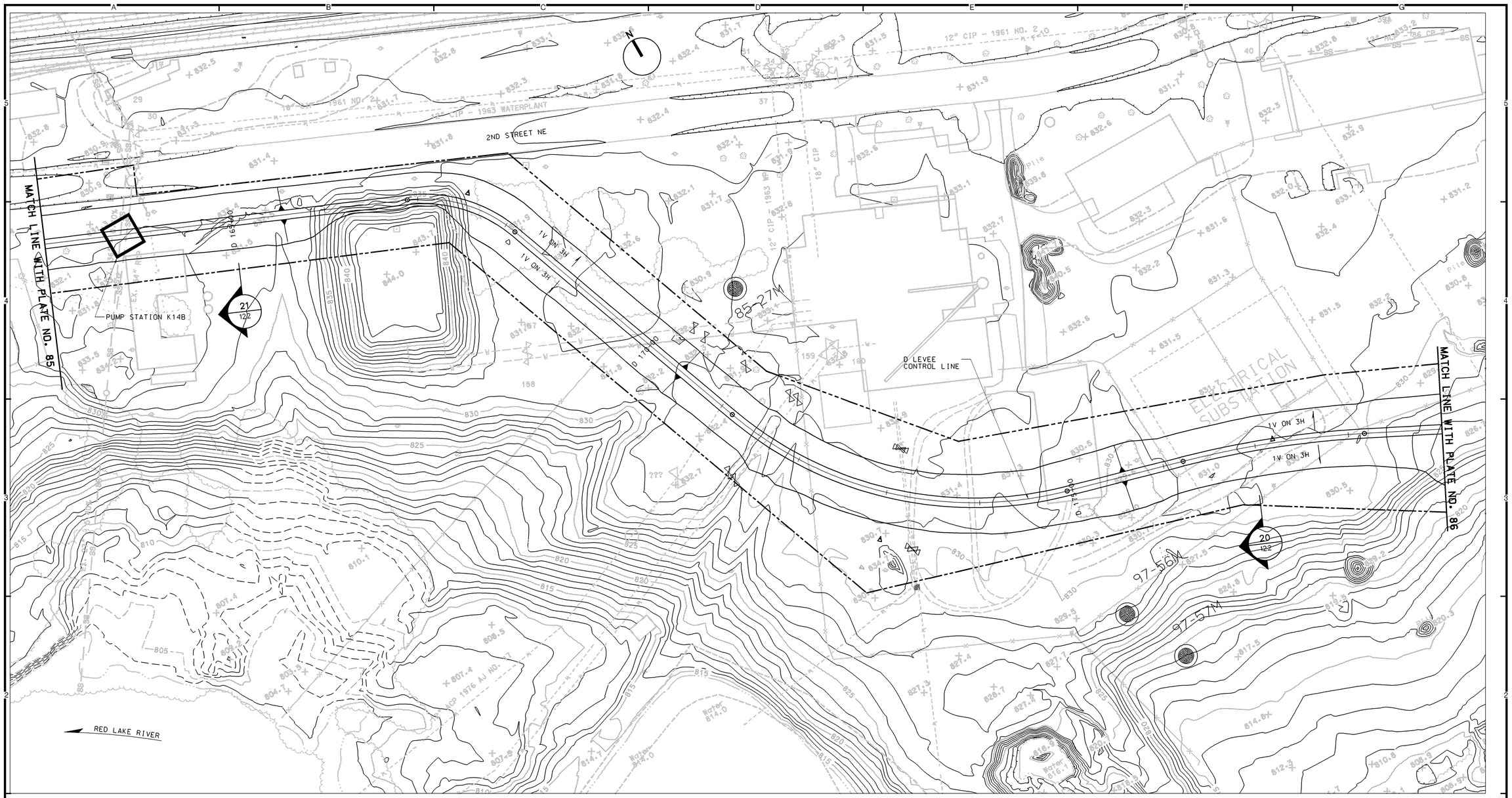
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D148+00 TO STA D163+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MDL/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR109.DGN
DRAWING NUMBER: **PLATE NO. 84**
SHT 84 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

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SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	110-111
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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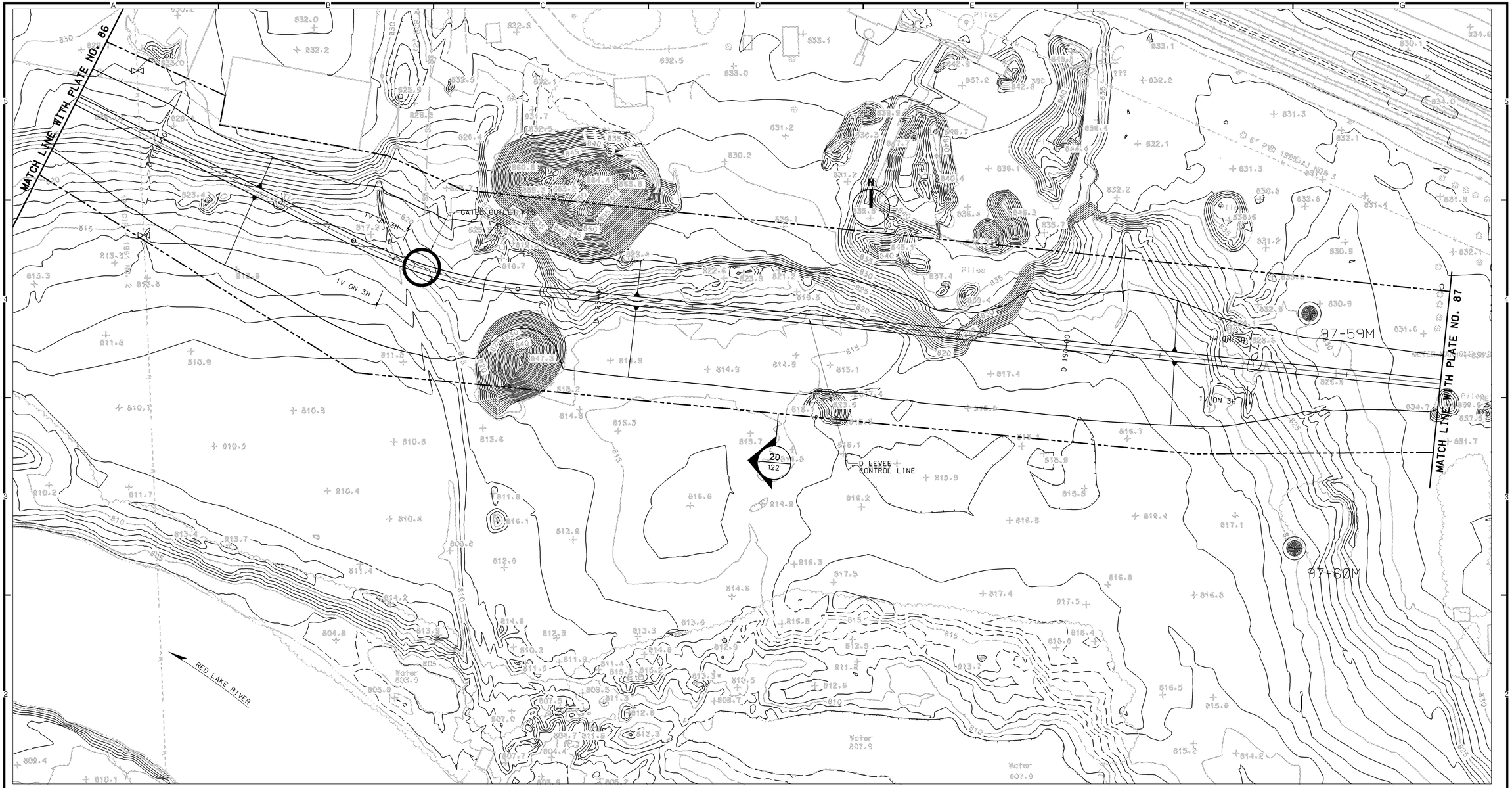
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D163+00 TO STA D179+00

PE-D	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF/LKT	
PE-H	DESIGNED: MDL/JWM	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGPR110.DGN	DRAWING NUMBER: PLATE NO. 85
	SOL. NO:	SHT 85 OF 166



PLAN

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SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	111
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D179+00 TO STA D194+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MDL/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR111.DGN
DRAWING NUMBER: **PLATE NO. 86**
SHT 86 OF 166
DATE: NOVEMBER 1998
SOL. NO:

PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	111-112
3. TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D194+00 TO STA D209+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MDL/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR112.DGN
DRAWING NUMBER: **PLATE NO. 87**
SHT 87 OF 166
DATE: NOVEMBER 1998
SOL. NO:

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	112
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

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SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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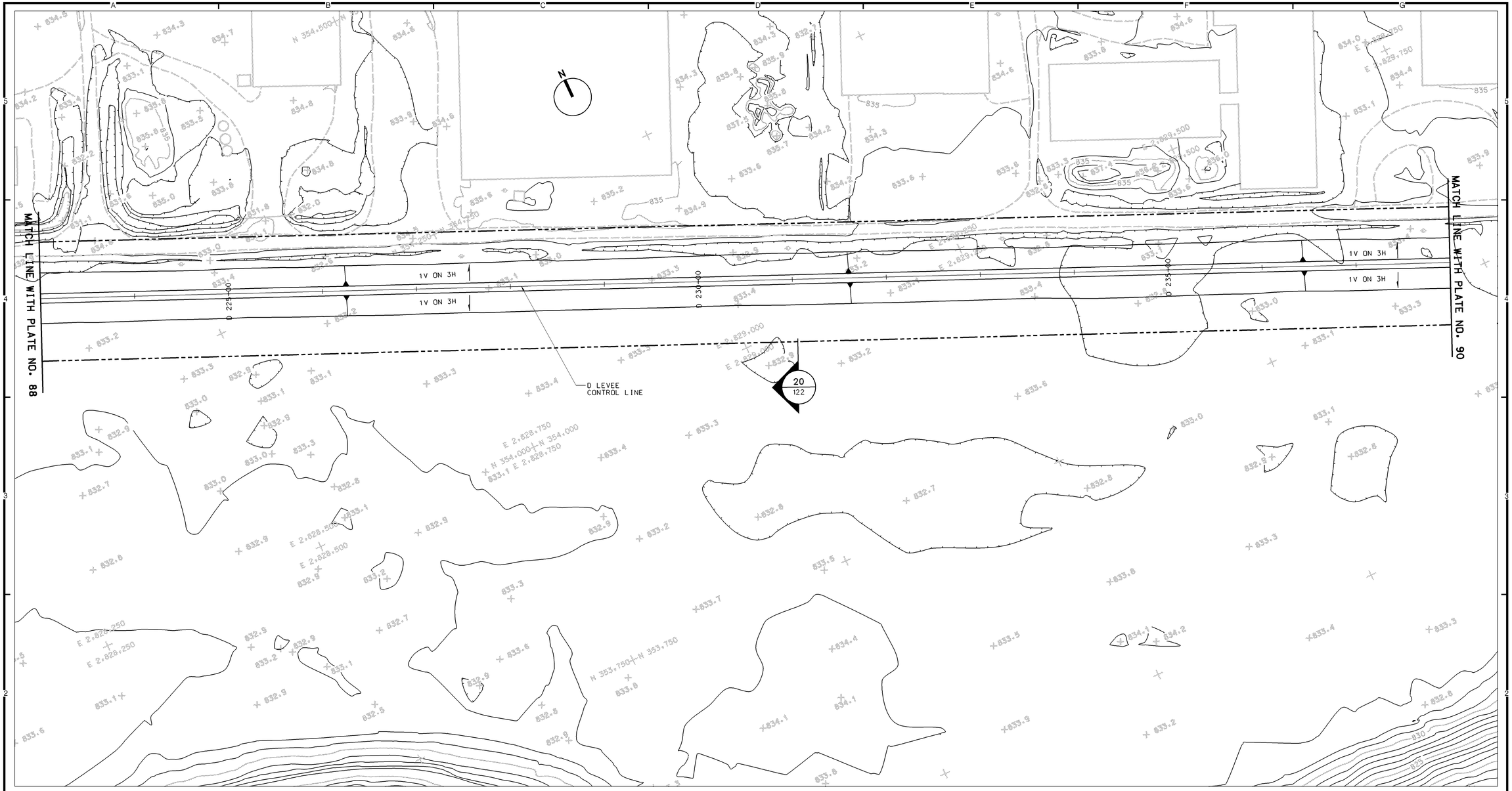
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D209+00 TO STA D223+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MDL/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR113.DGN
DRAWING NUMBER: **PLATE NO. 88**
SHT 88 OF 166
DATE: NOVEMBER 1998
SOL. NO:



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	112-113
3.	TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

50 0 50 100
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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GENERAL REEVALUATION REPORT
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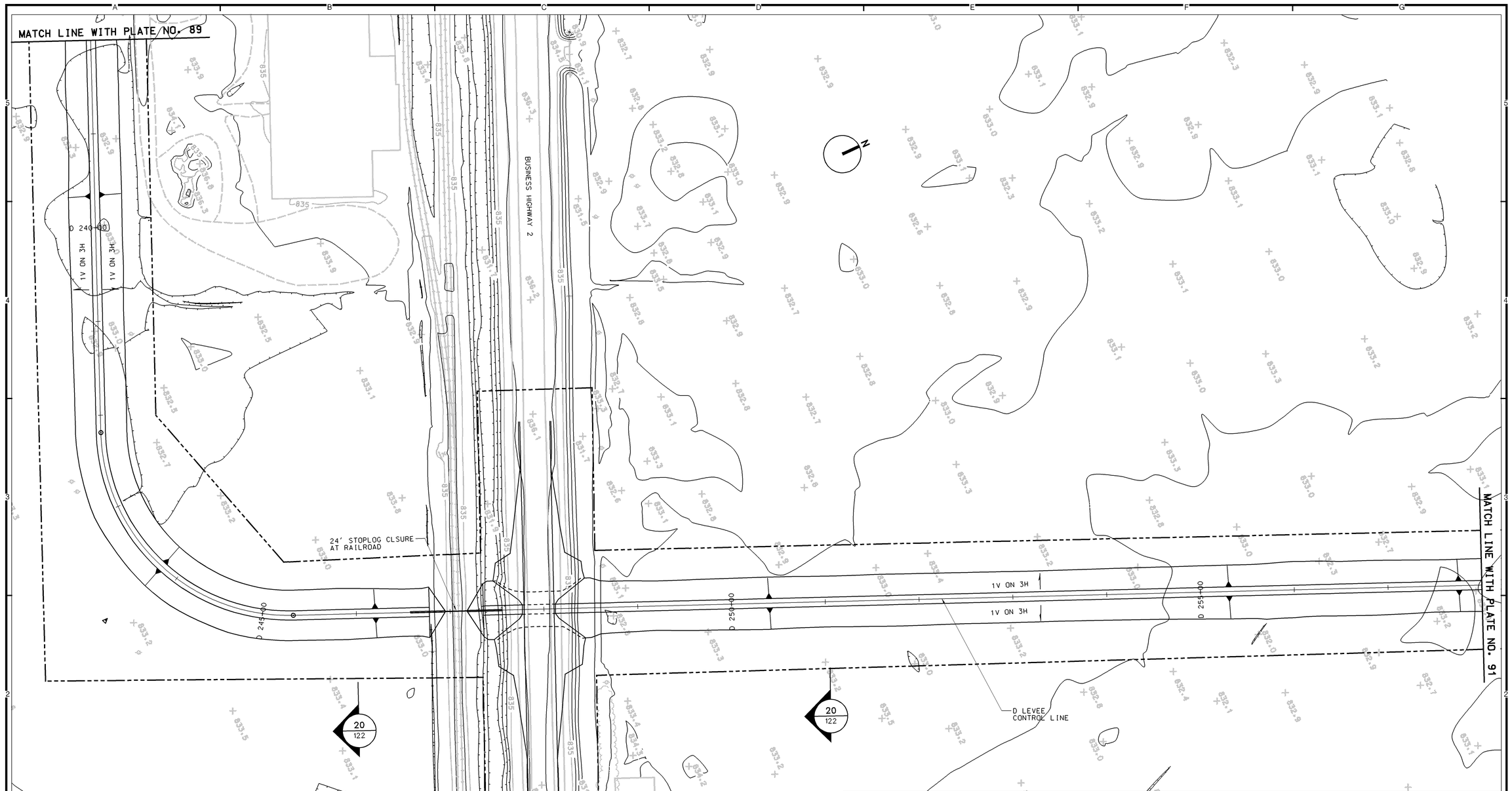
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D223+00 TO STA D238+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MDL/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR114.DGN
DRAWING NUMBER: **PLATE NO. 89**
SHT 89 OF 166
DATE: NOVEMBER 1998
SOL. NO:



REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	113-114
3. TYPICAL SECTIONS	122

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

PLAN

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SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

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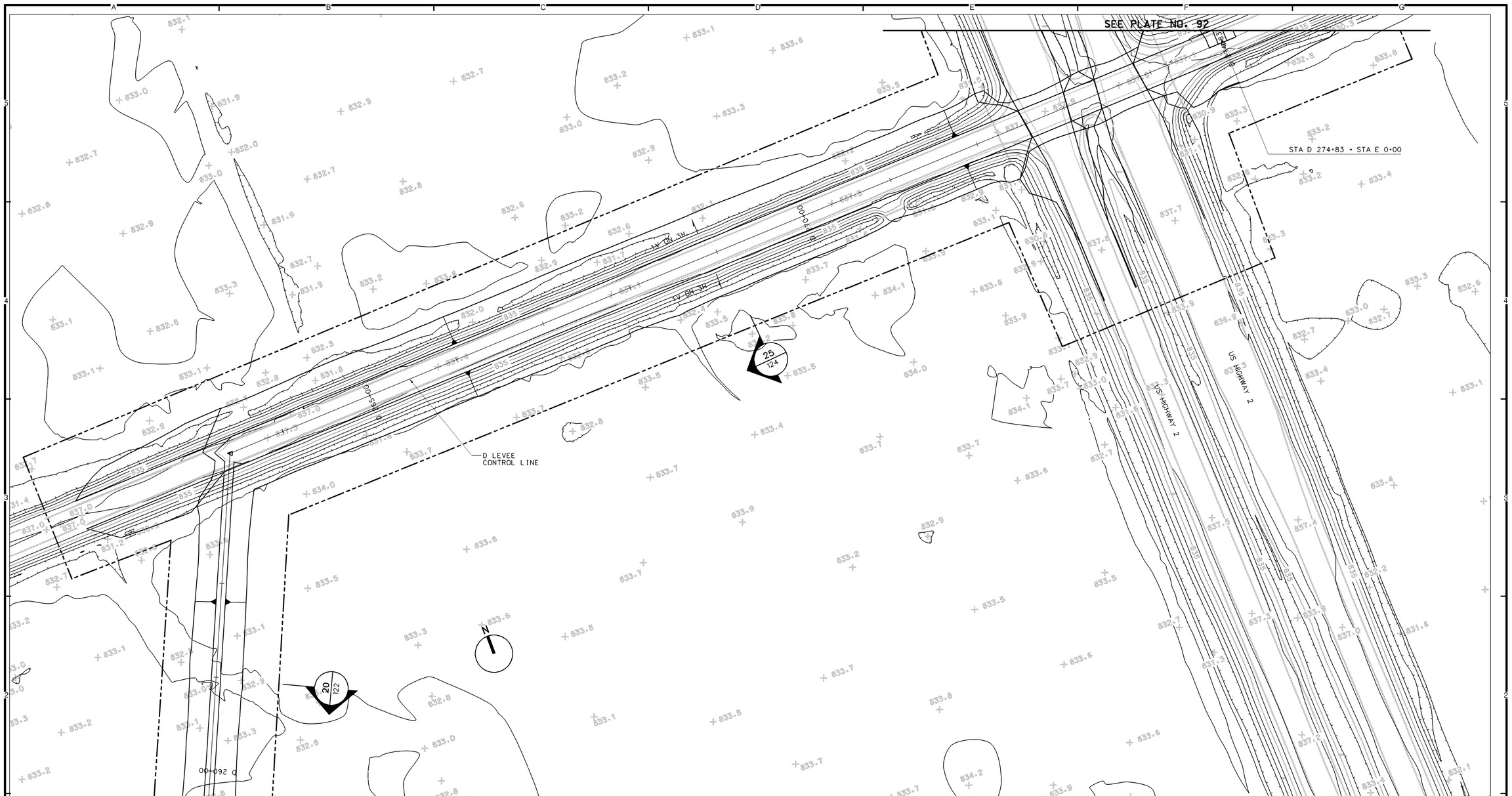
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D238+00 TO STA D258+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MDL/JWM; CHECKED: MDL

CAD FILE NAME: GFGPR115.DGN
DATE: NOVEMBER 1998
SOL. NO:
DRAWING NUMBER: **PLATE NO. 90**
SHT 90 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	114
3. TYPICAL SECTIONS	122,124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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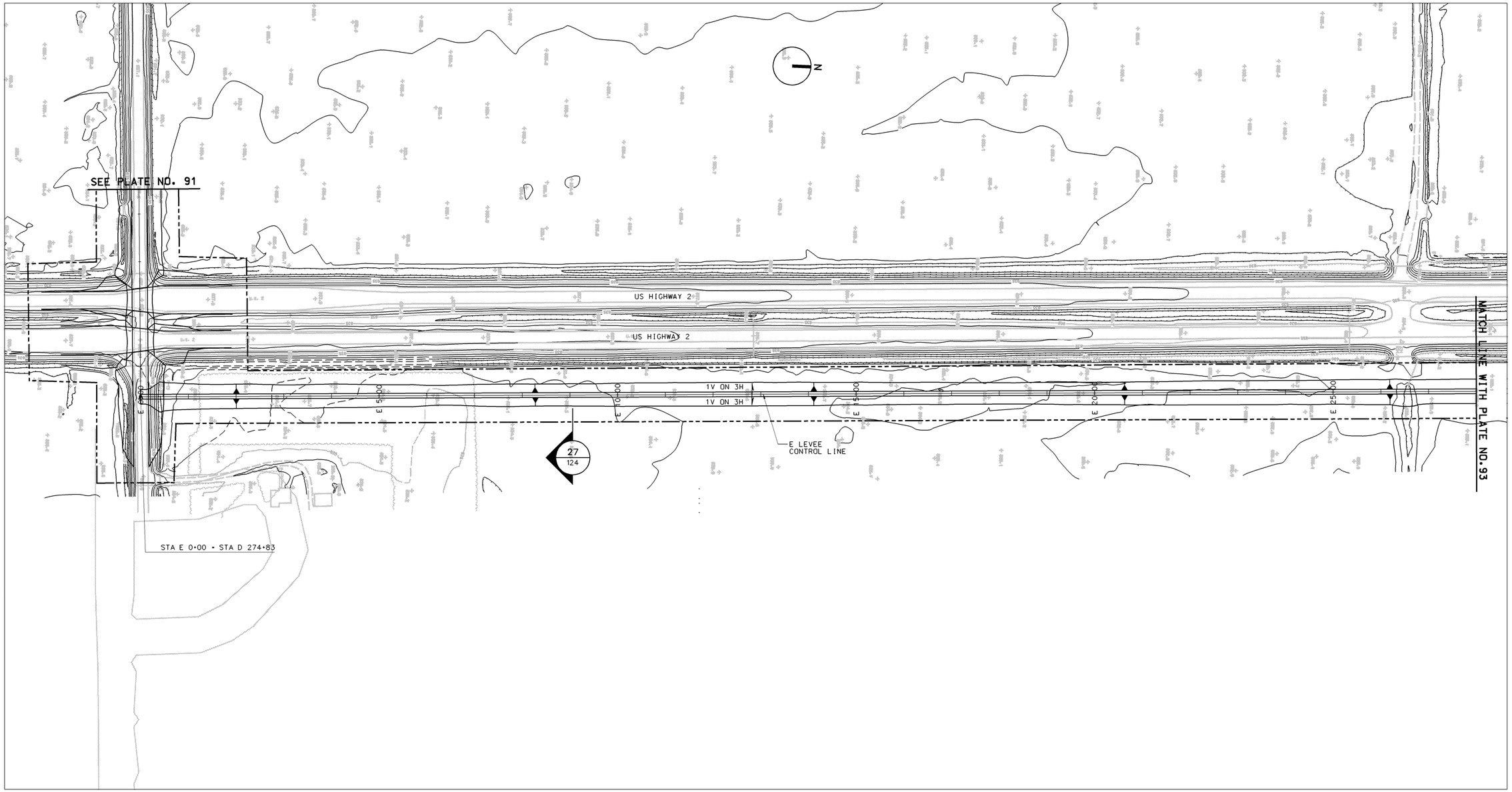
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA D258+00 TO STA D274+83

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF/LKT
PE-H: DESIGNED: MDL/JWM; CHECKED: MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR116.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 91**
SHT 91 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	115
3.	TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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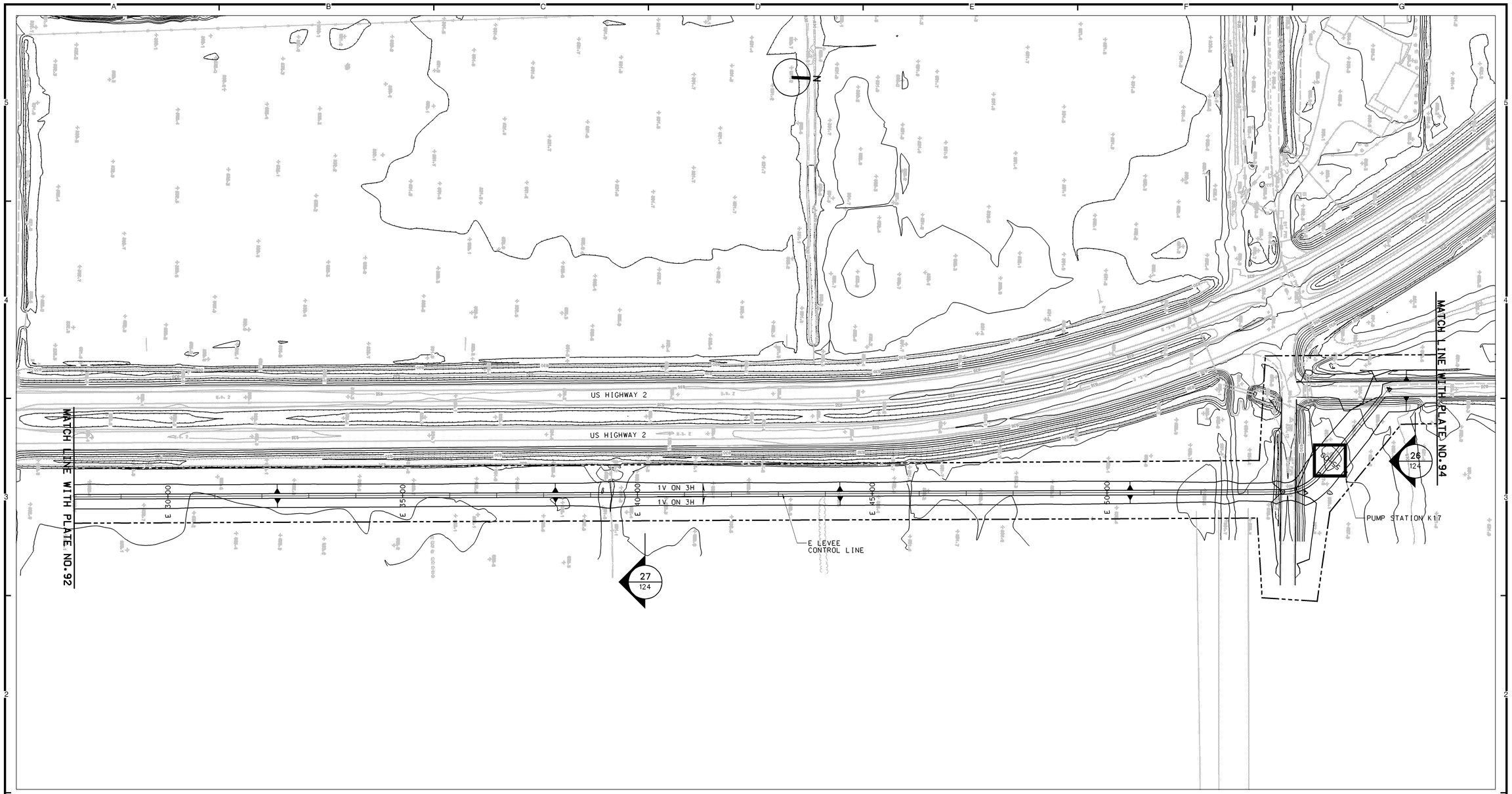
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E0+00 TO STA E28+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR117.DGN
DRAWING NUMBER: **PLATE NO. 92**
SHT 92 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	115-116
3. TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

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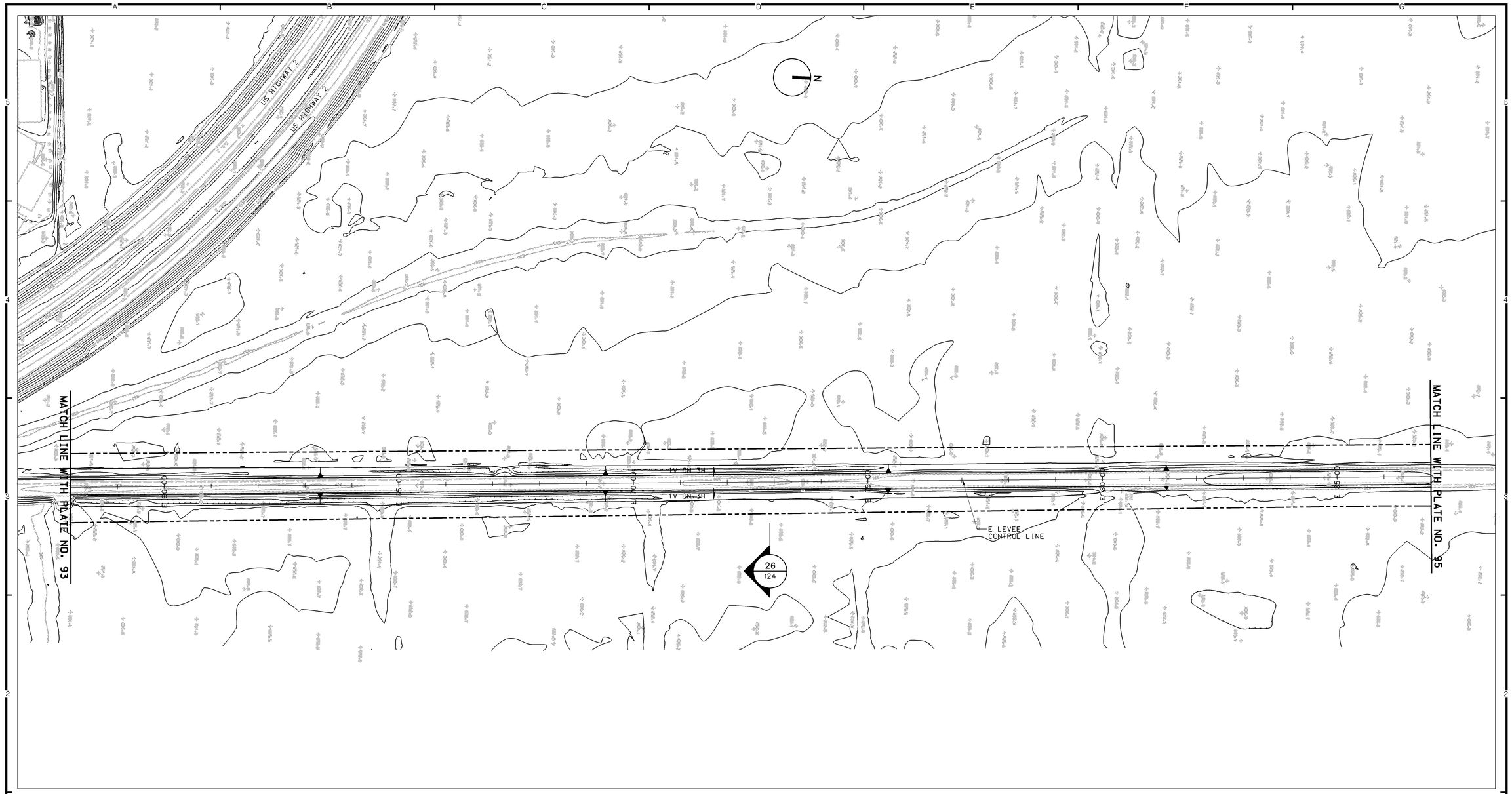
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E28+00 TO STA E58+00

PE-D	DESIGNED: DPF/CWB	
	CHECKED: CAA/MSM	
	DRAWN: DPF/LKT	
PE-H	DESIGNED: MDL/JWM	
	CHECKED: MDL	

CAD FILE NAME: GFGPR118.DGN
DRAWING NUMBER: **PLATE NO. 93**
SHT 93 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	116
3. TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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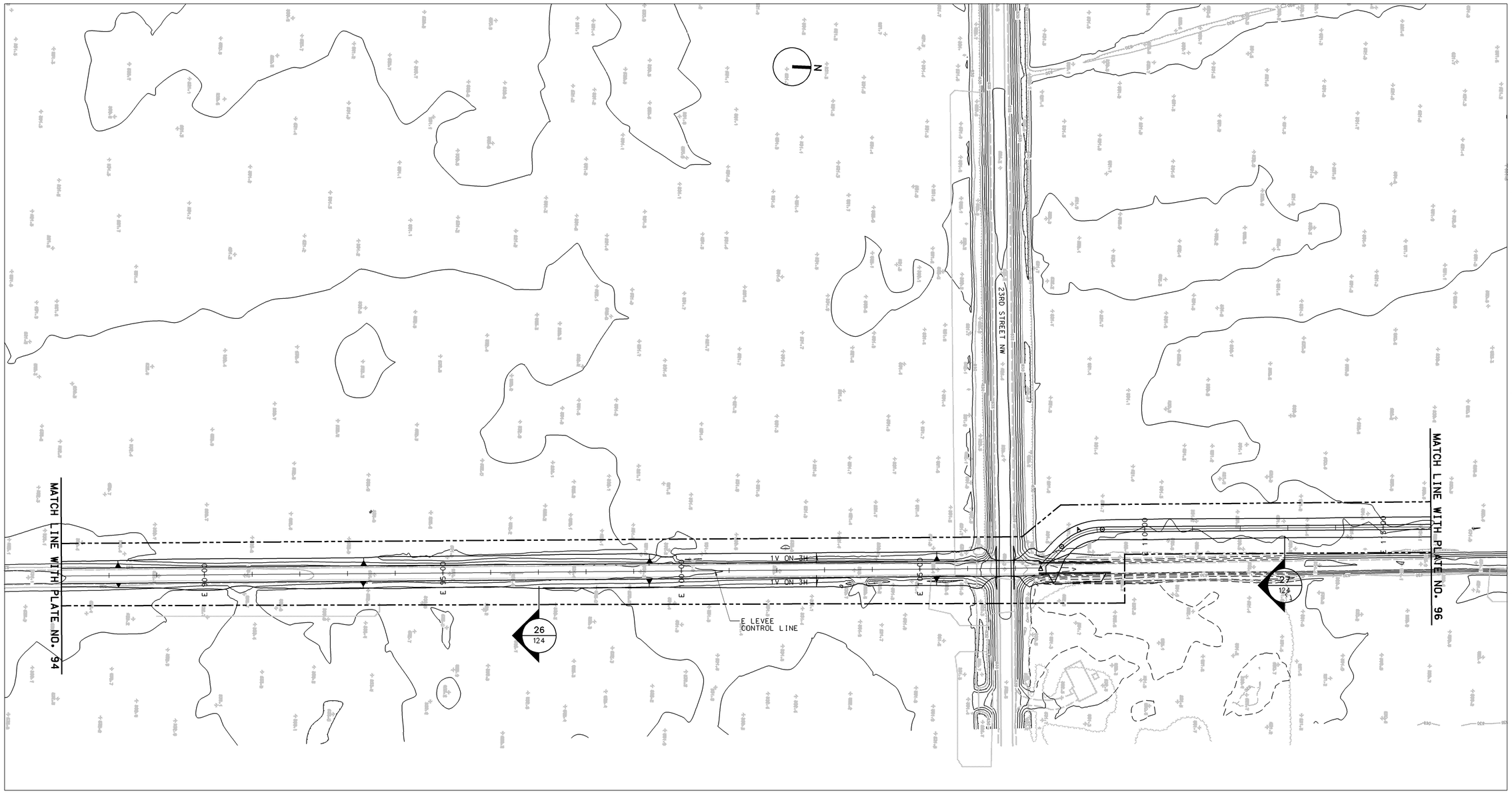
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E58+00 TO STA E87+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR119.DGN
DRAWING NUMBER: **PLATE NO. 94**
SHT 94 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	116-117
3.	TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

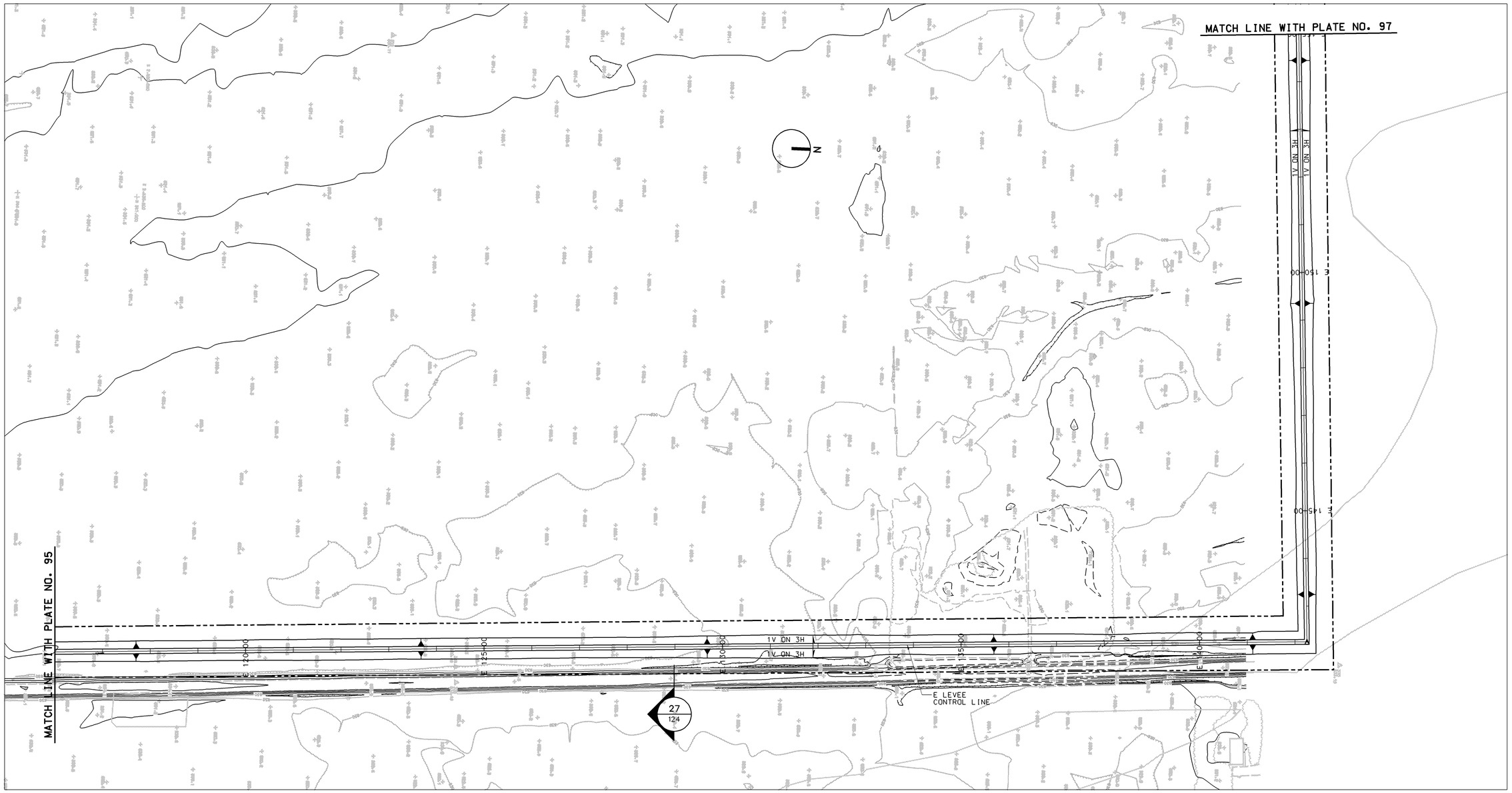
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E87+00 TO STA E116+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR120.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 95
SHT 95 OF 166



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	117-118
3.	TYPICAL SECTIONS	124

PLAN

100 0 100 200
SCALE IN FEET

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

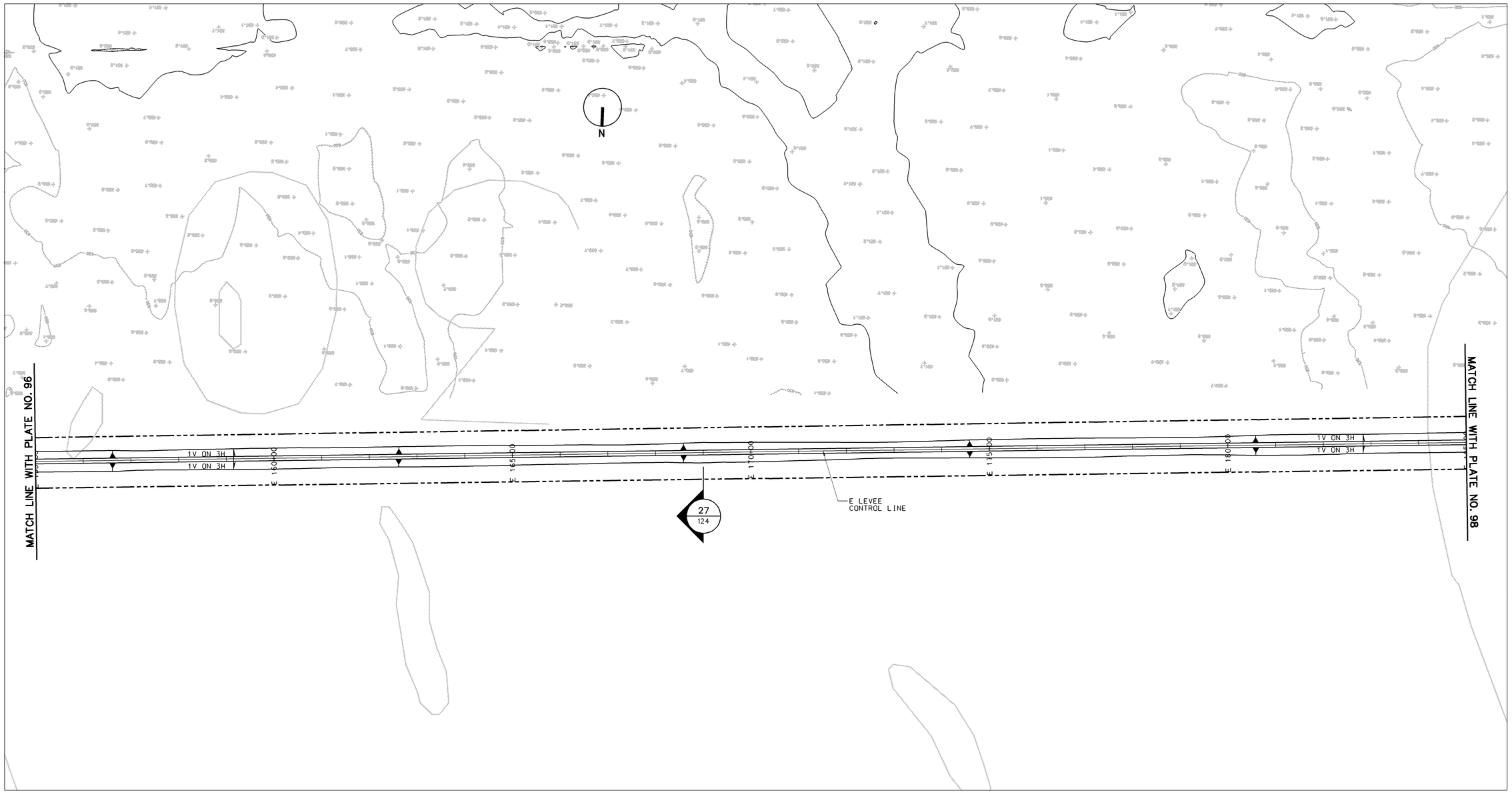
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E116+00 TO STA E155+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR121.DGN
DRAWING NUMBER: **PLATE NO. 96**
SHT 96 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

100 0 100 200

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	118
3.	TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

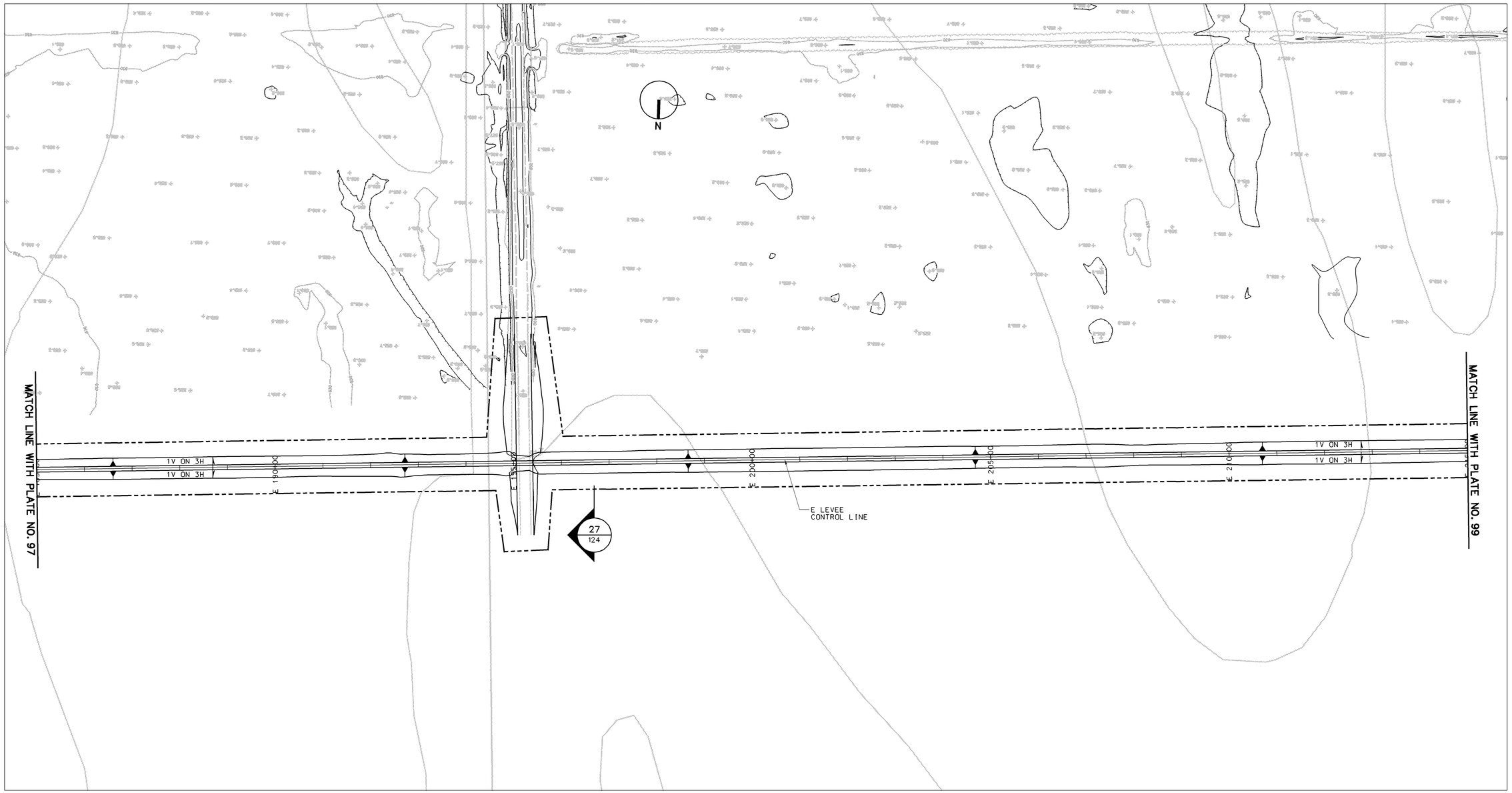
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E155+00 TO STA E185+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR122.DGN
DRAWING NUMBER: **PLATE NO. 97**
SHT 97 OF 166
DATE: NOVEMBER 1998
SOL NO:



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	118-119
3. TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

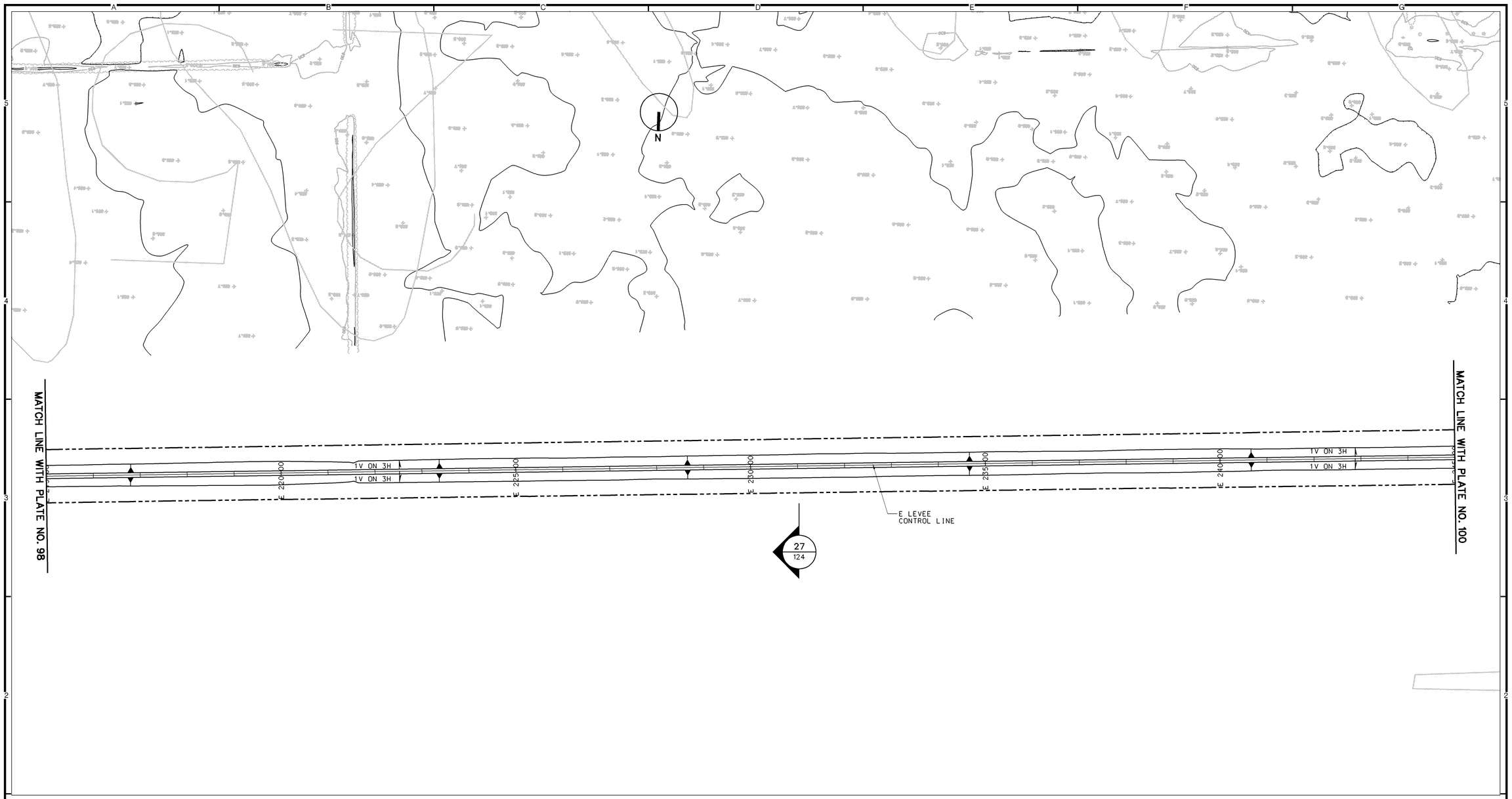
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E185+00 TO STA E215+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR123.DGN
DRAWING NUMBER: **PLATE NO. 98**
SHT 98 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	119
3. TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

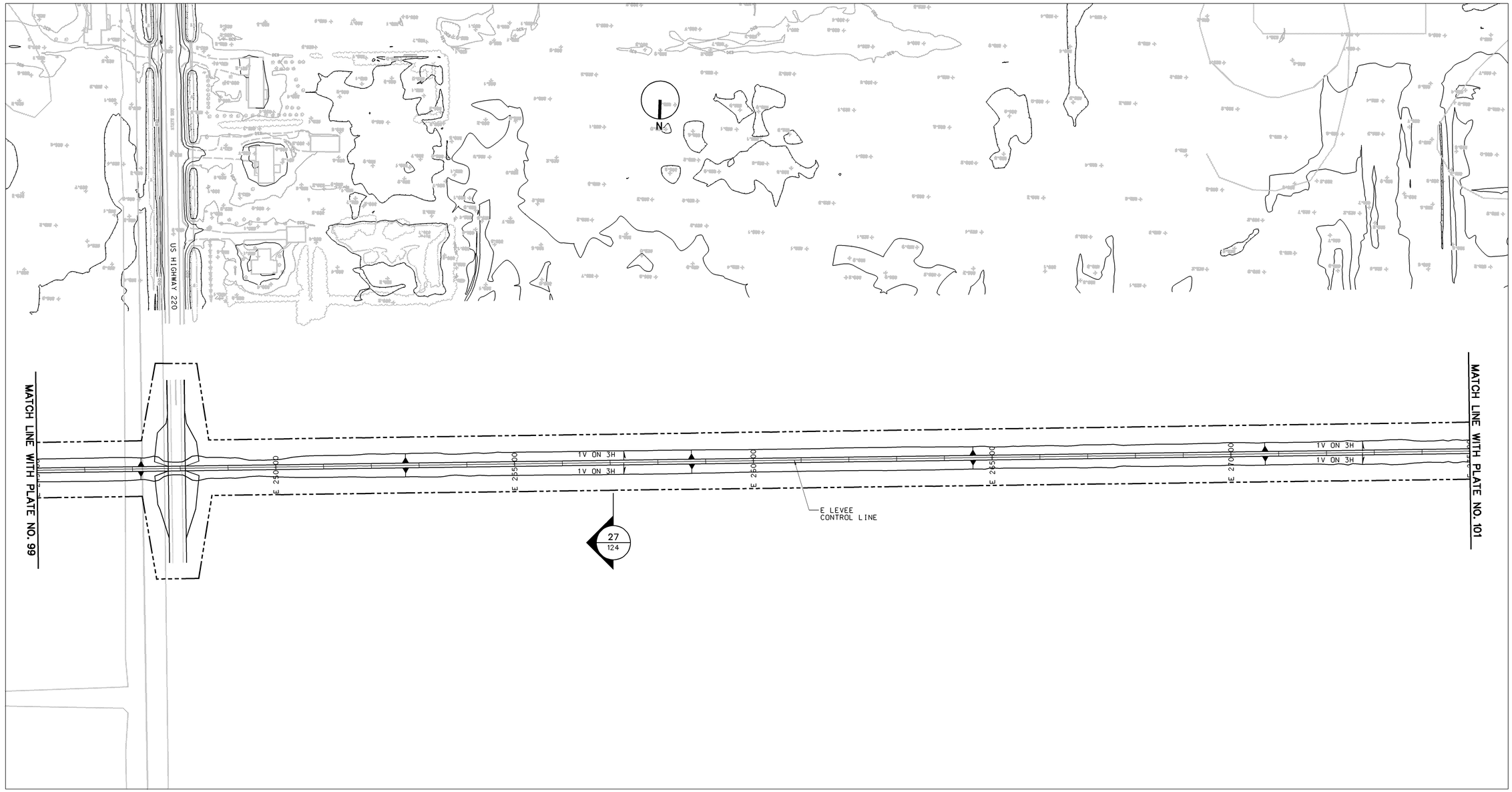
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E215+00 TO STA E245+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR124.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 99**
SHT 99 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	119-120
3. TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

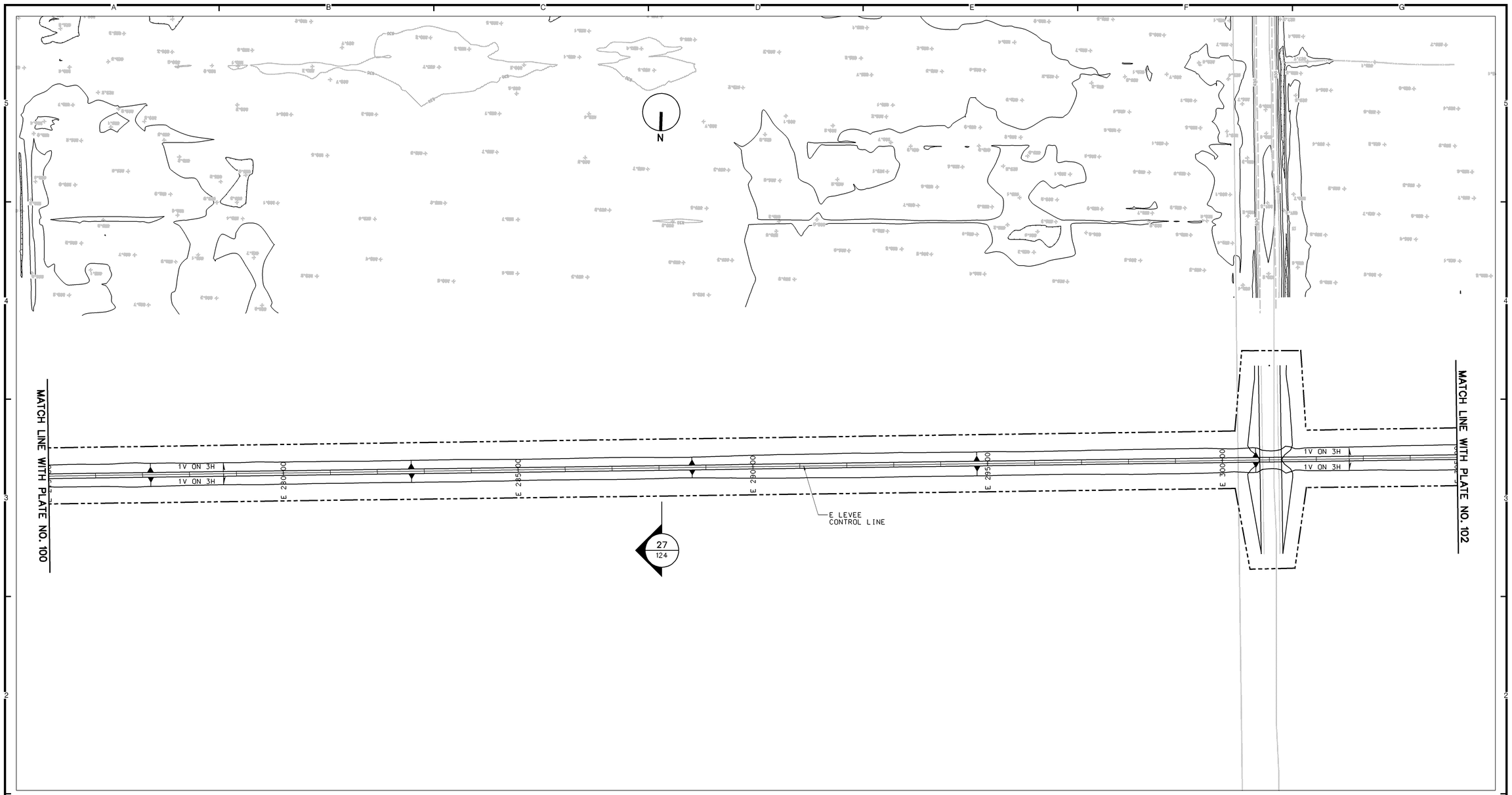
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E245+00 TO STA E275+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR125.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 100**
SHT 100 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	120-121
3.	TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

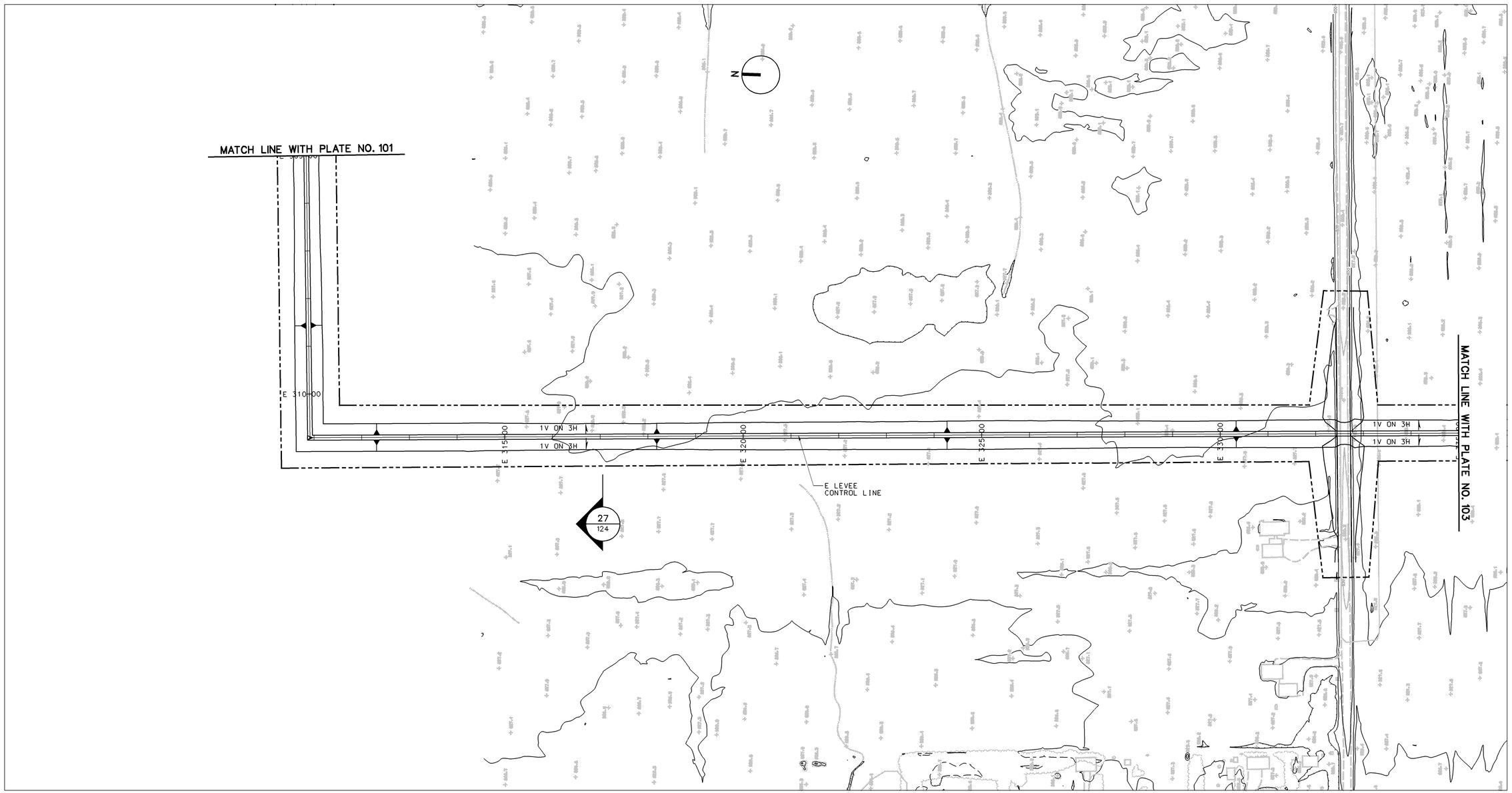
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E275+00 TO STA E305+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR126.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 101**
SHT 101 OF 166



REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	121
3. TYPICAL SECTIONS	124

PLAN

100 0 100 200
SCALE IN FEET

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

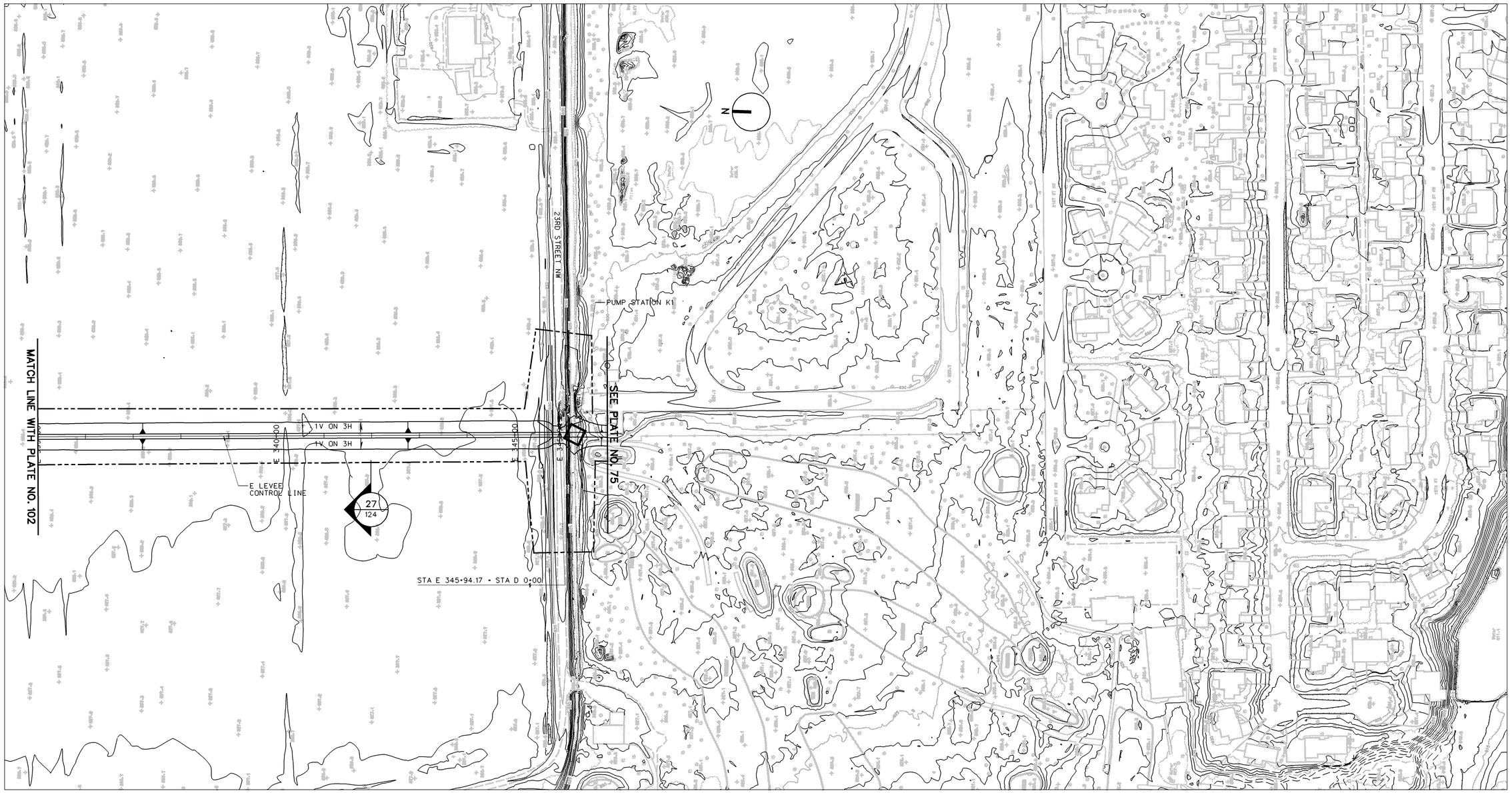
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E305+00 TO STA E335+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR127.DPF
SOL. NO:
DRAWING NUMBER: **PLATE NO. 102**
SHT 102 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	121
3.	TYPICAL SECTIONS	124

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

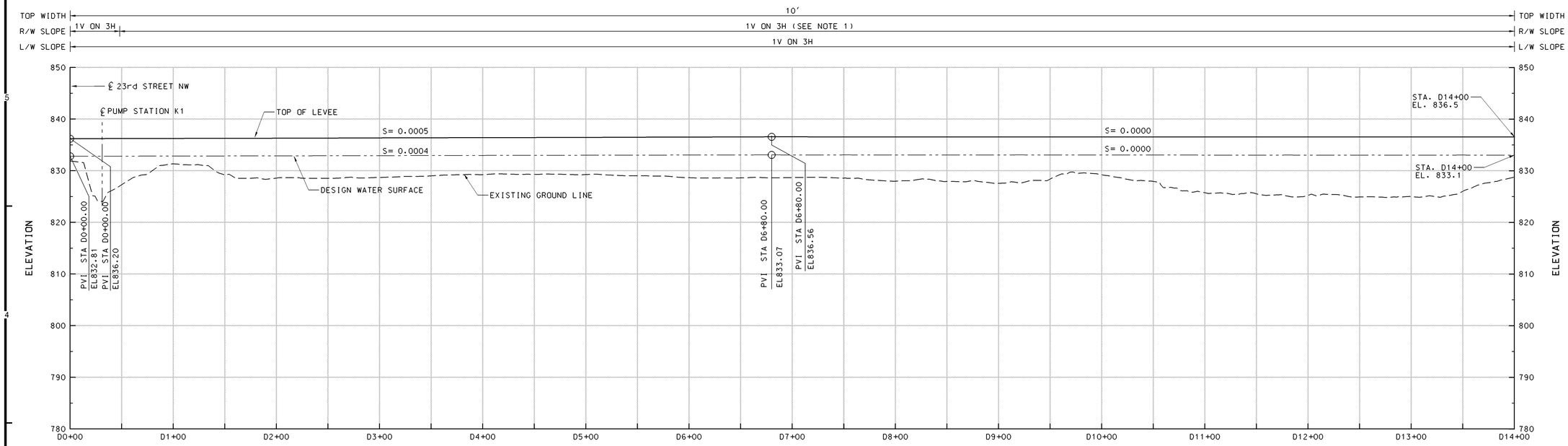
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

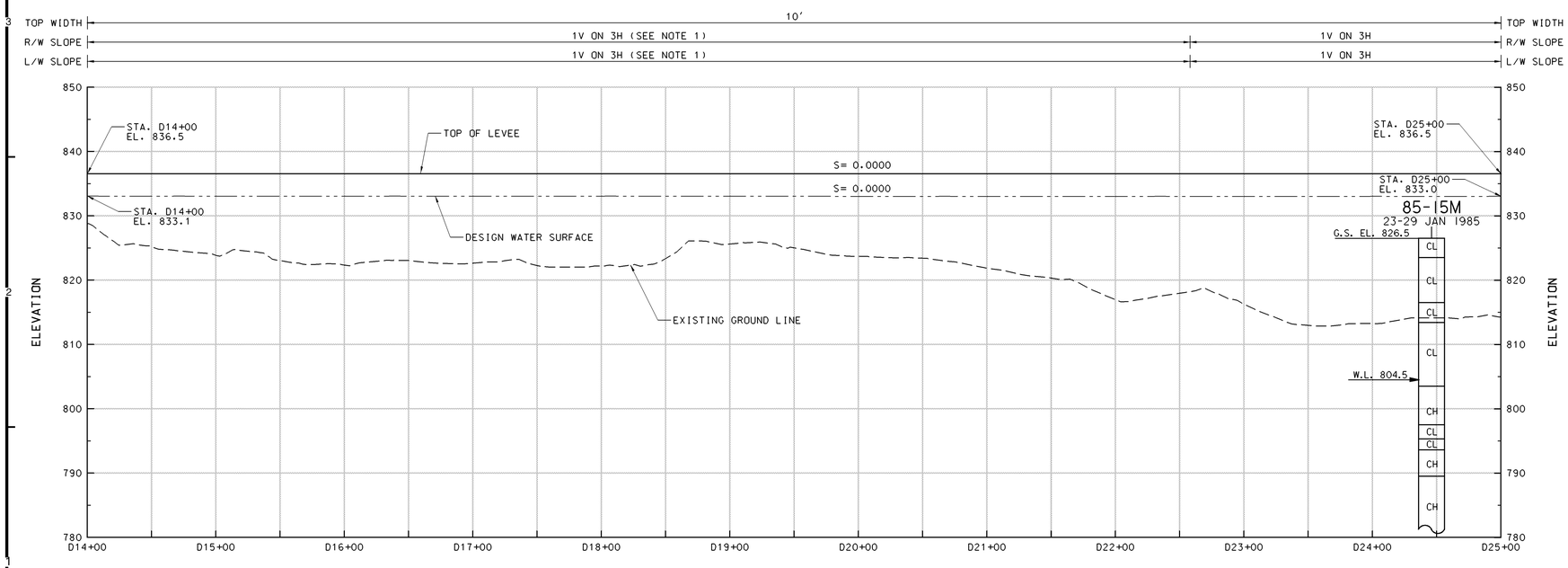
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PLAN - STA E335+00 TO STA E345+94.17

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR128.DPF
SOL. NO:
DRAWING NUMBER: **PLATE NO. 103**
SHT 103 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

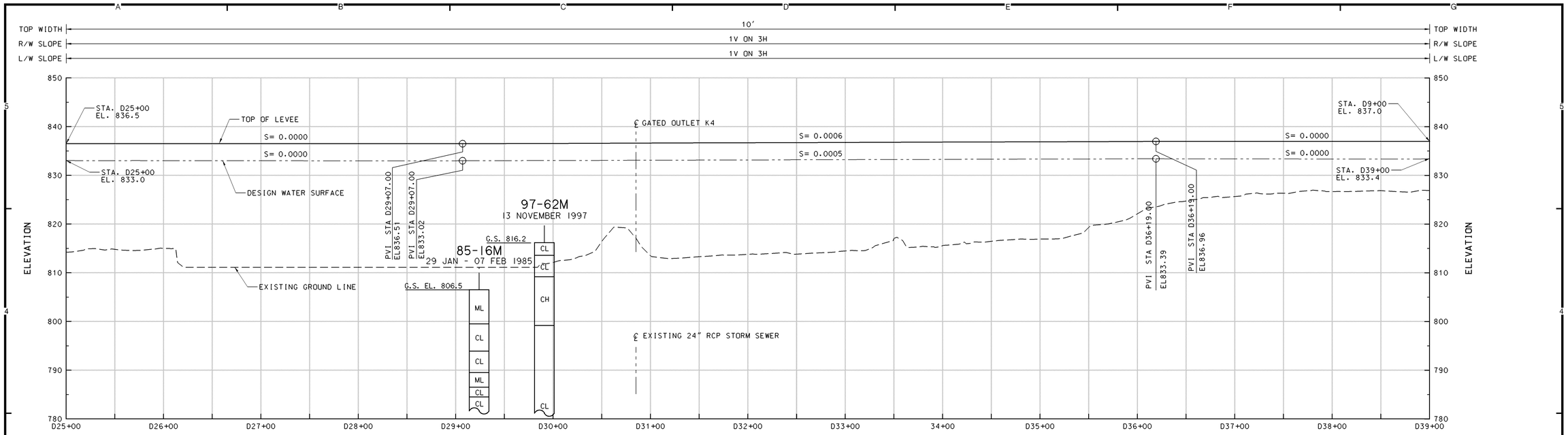
SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

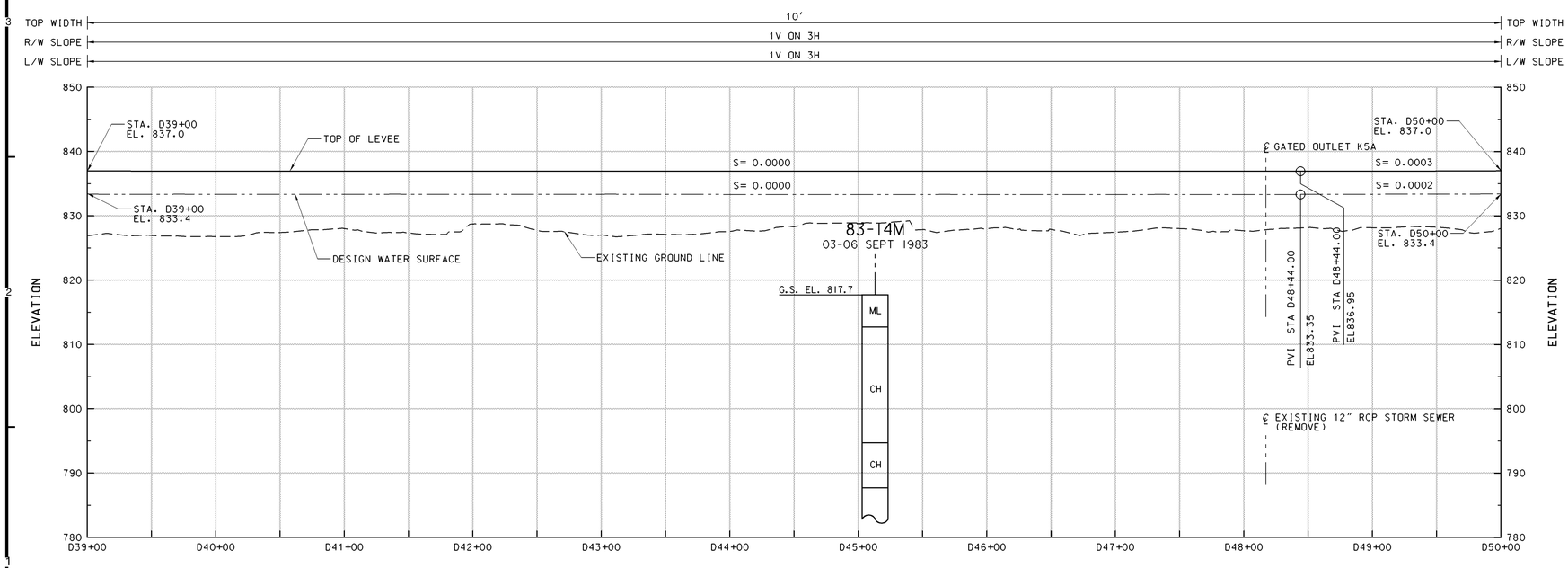
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D0+00 TO STA D25+00

PE-D	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF	
PE-H	DESIGNED: MJS/MDL	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGFR100.DGN	DRAWING NUMBER: PLATE NO. 104
	SOL. NO:	SHT 104 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

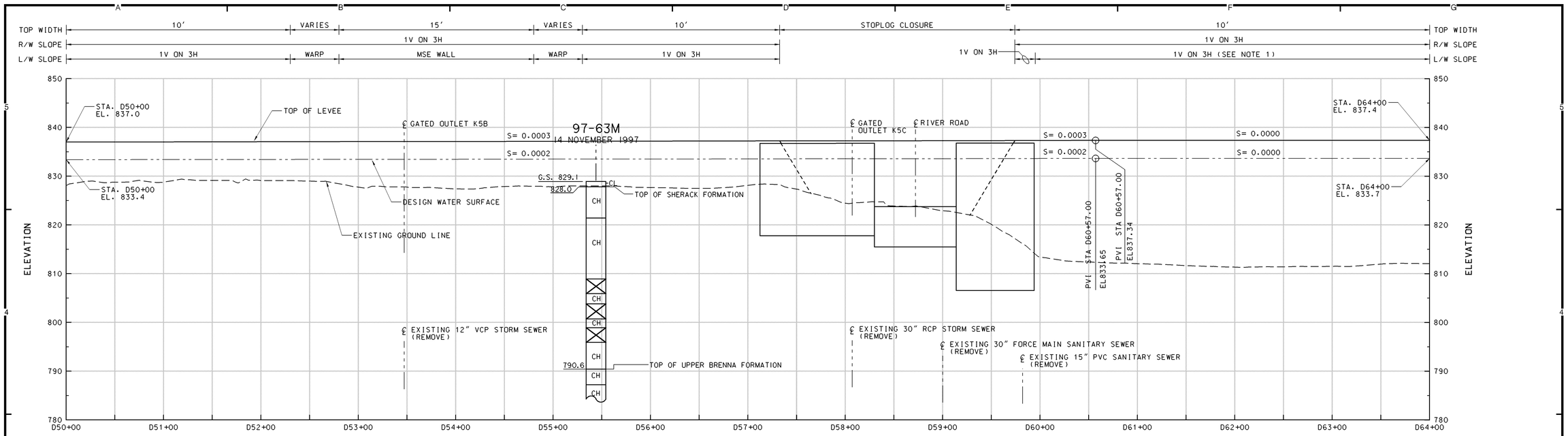
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

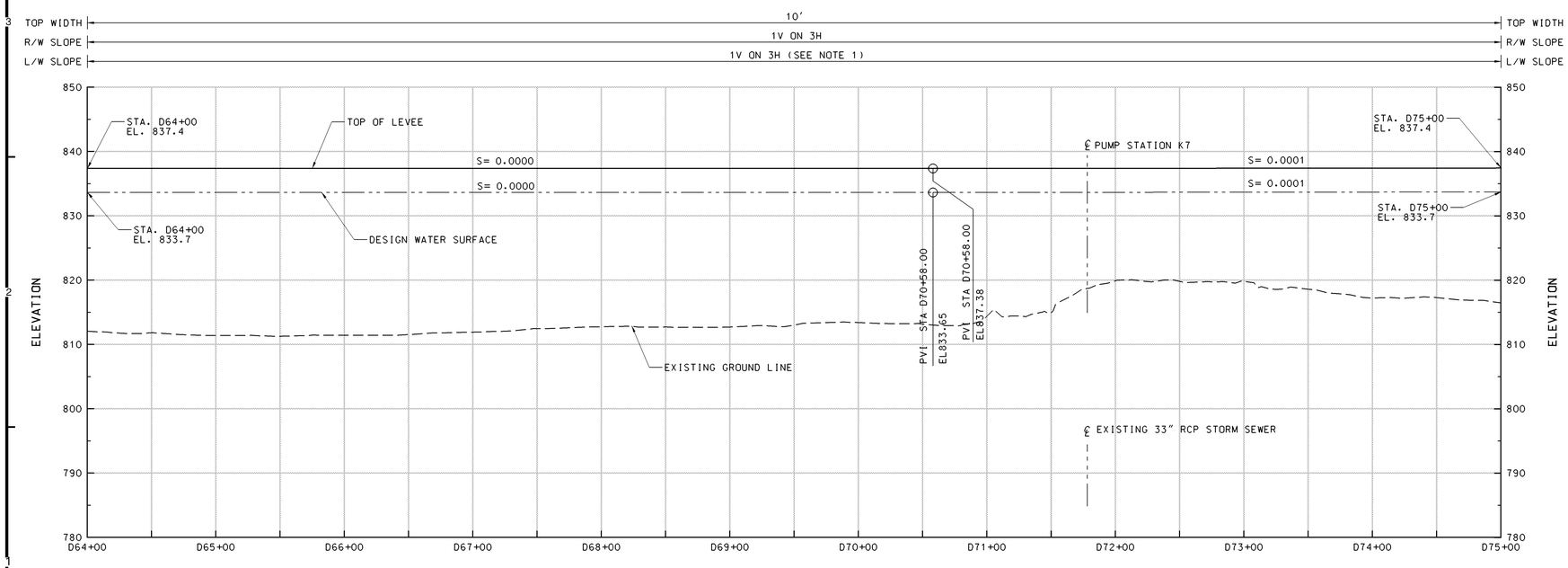
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D25+00 TO STA D50+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR101.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 105
SHT 105 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

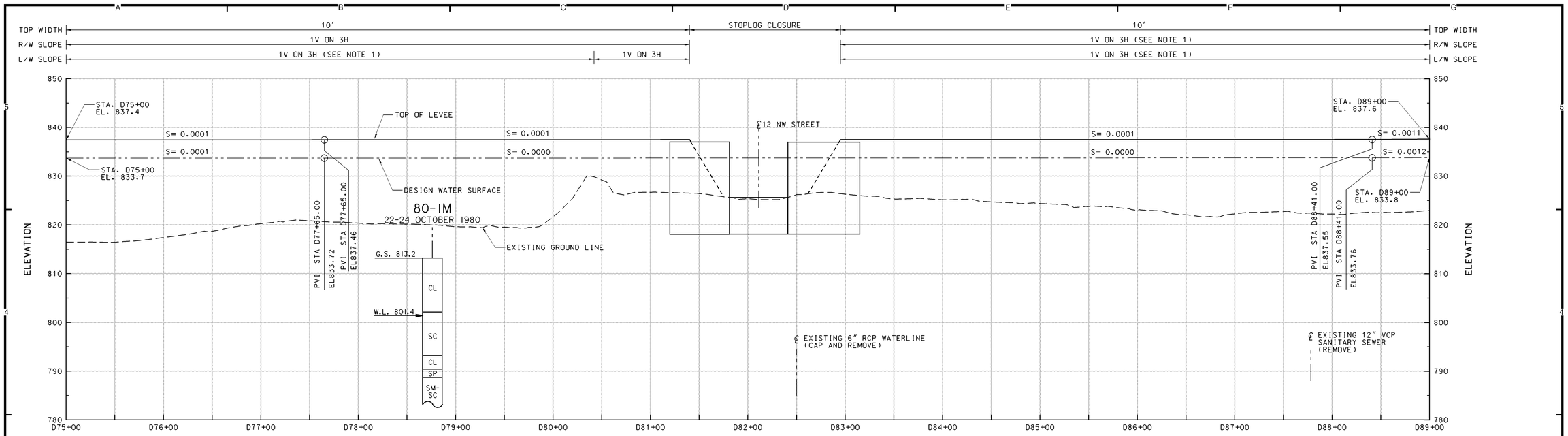
SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

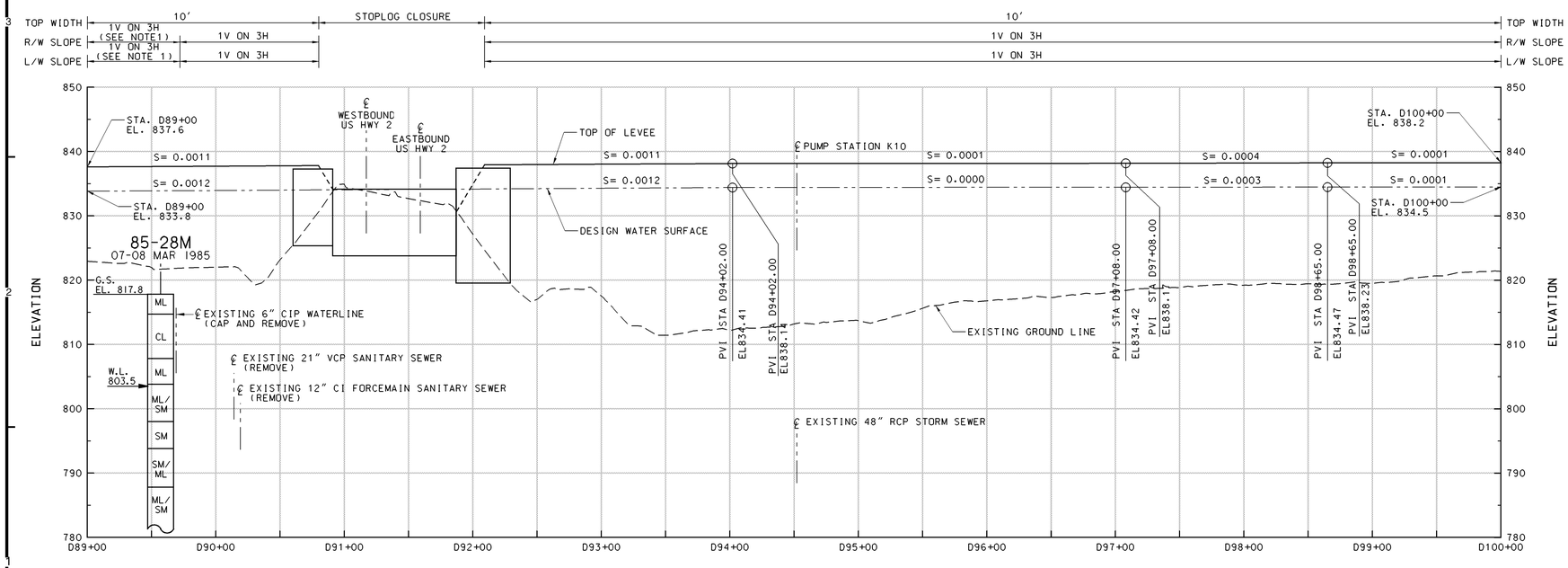
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D50+00 TO STA D75+00

PE-D	DESIGNED: CAA/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA/DPF	
PE-H	DESIGNED: MJS/MDL	
	CHECKED: MDL	
DATE: NOVEMBER 1998	CAD FILE NAME: GFGFR102.DGN	DRAWING NUMBER: PLATE NO. 106
	SOL. NO:	SHT 106 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

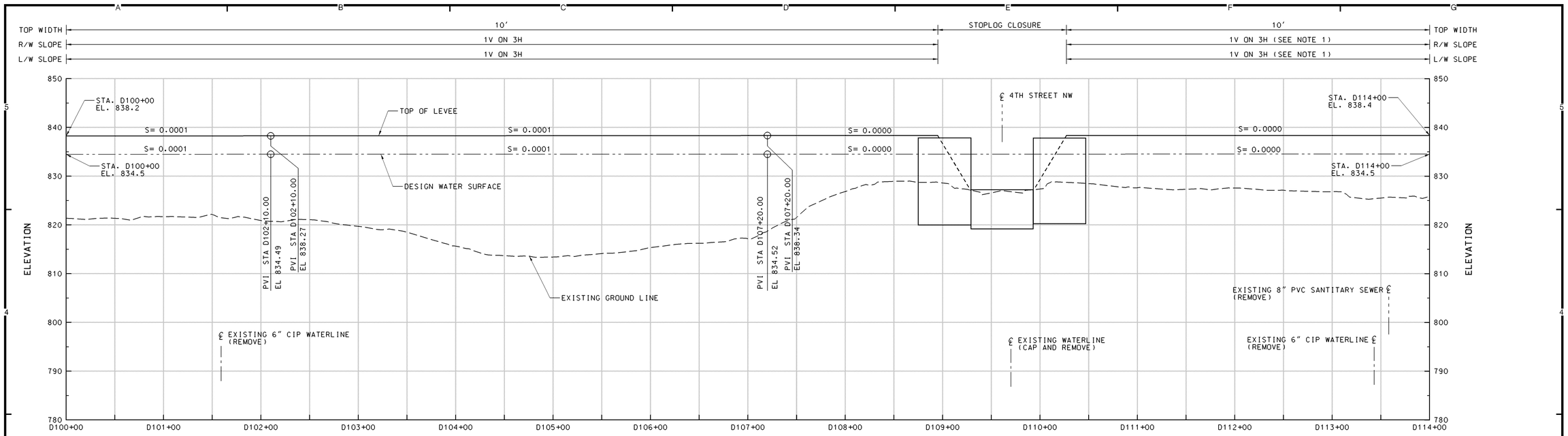
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

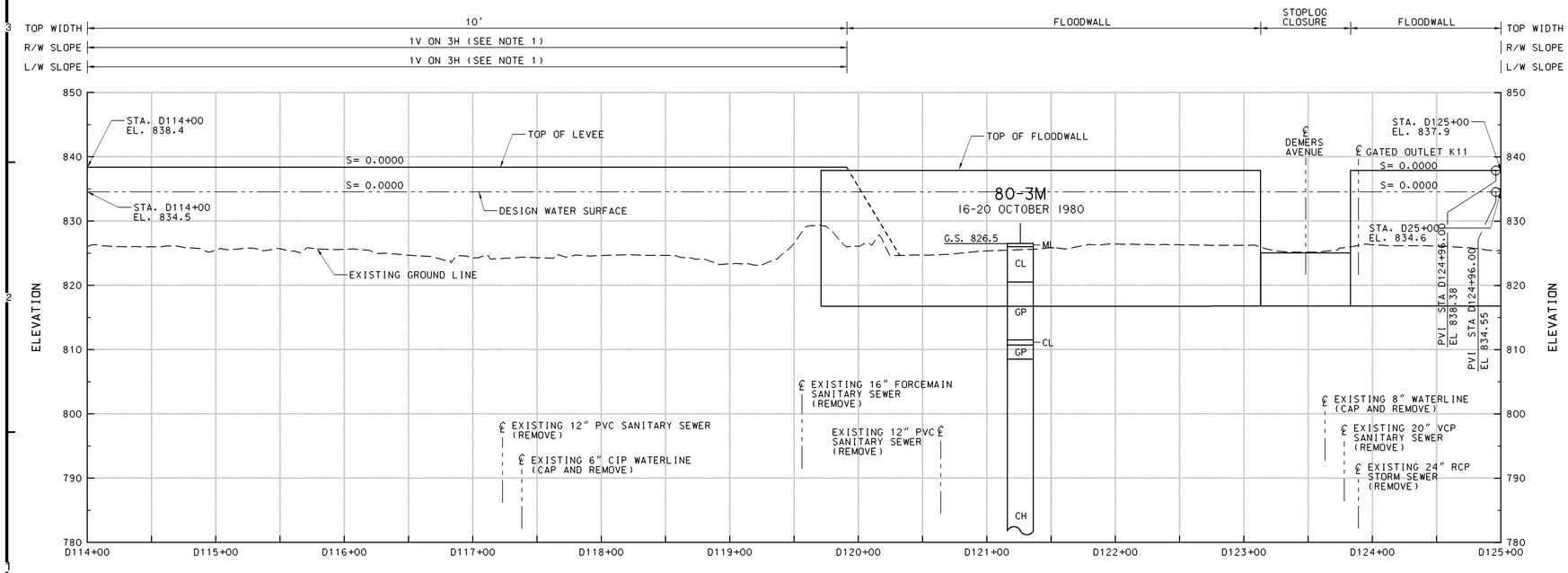
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D75+00 TO STA D100+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR103.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 107**
SHT 107 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

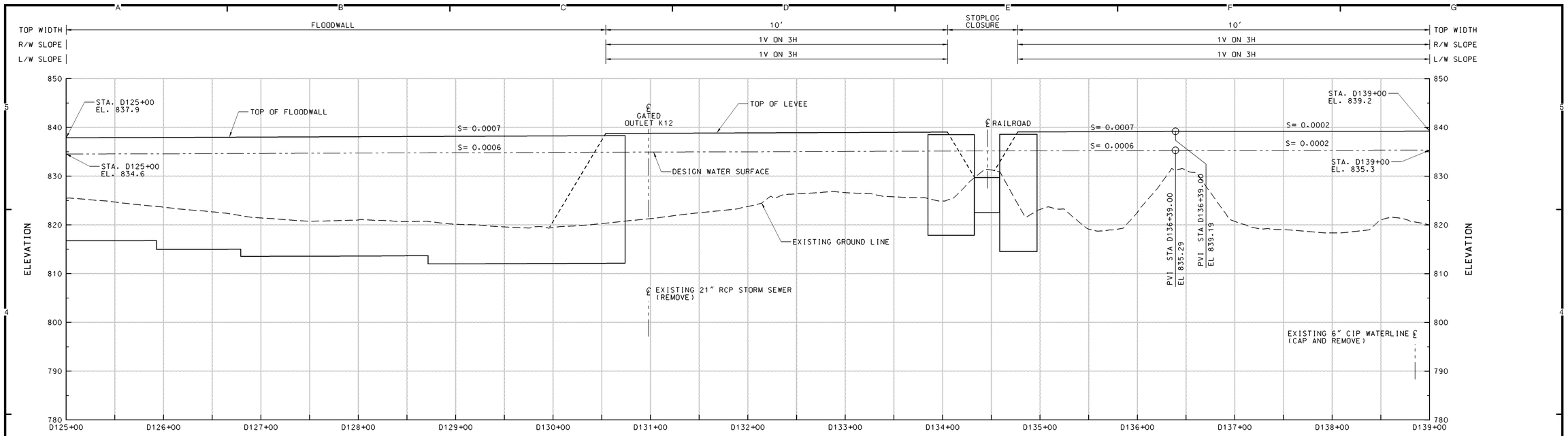
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

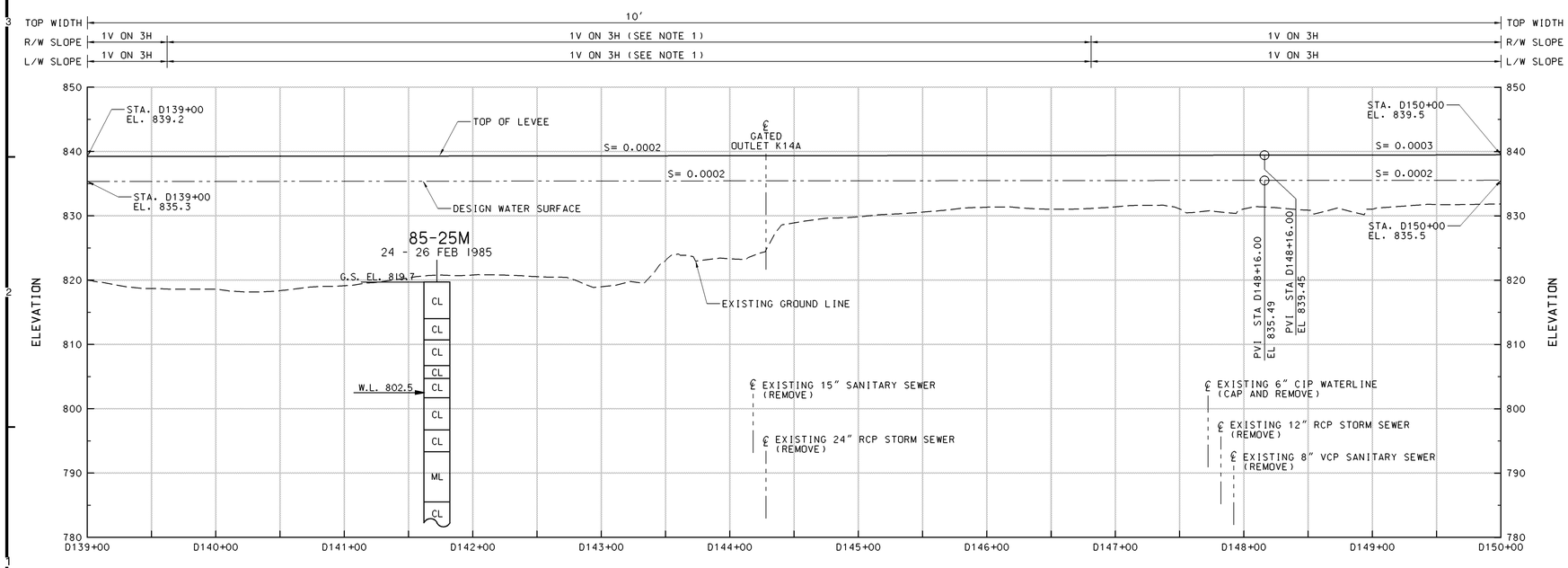
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D100+00 TO STA D125+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR104.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 108**
SHT 108 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

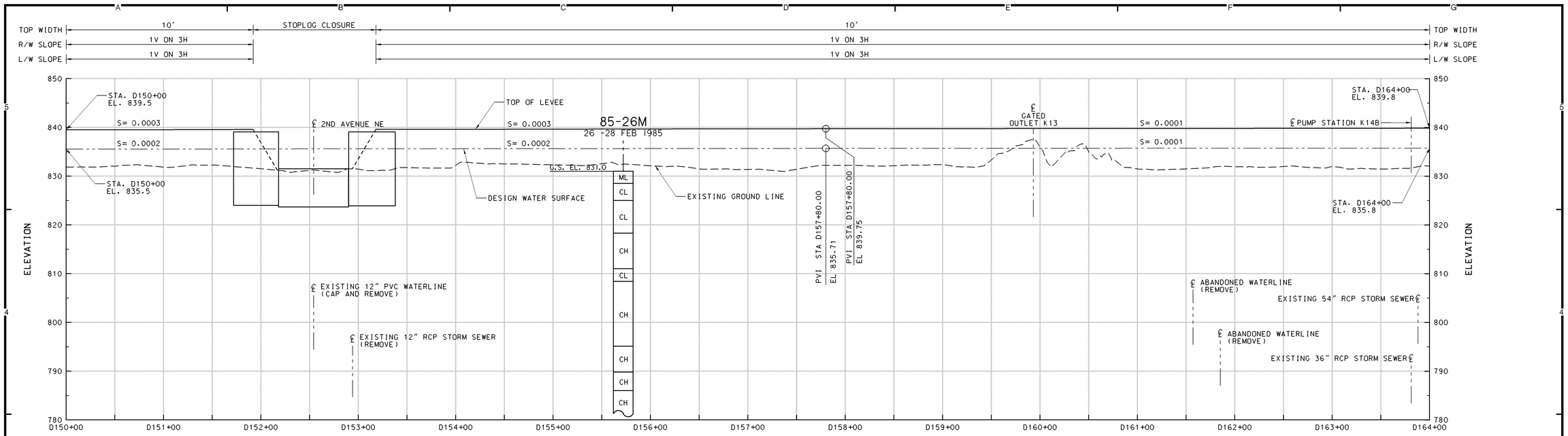
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

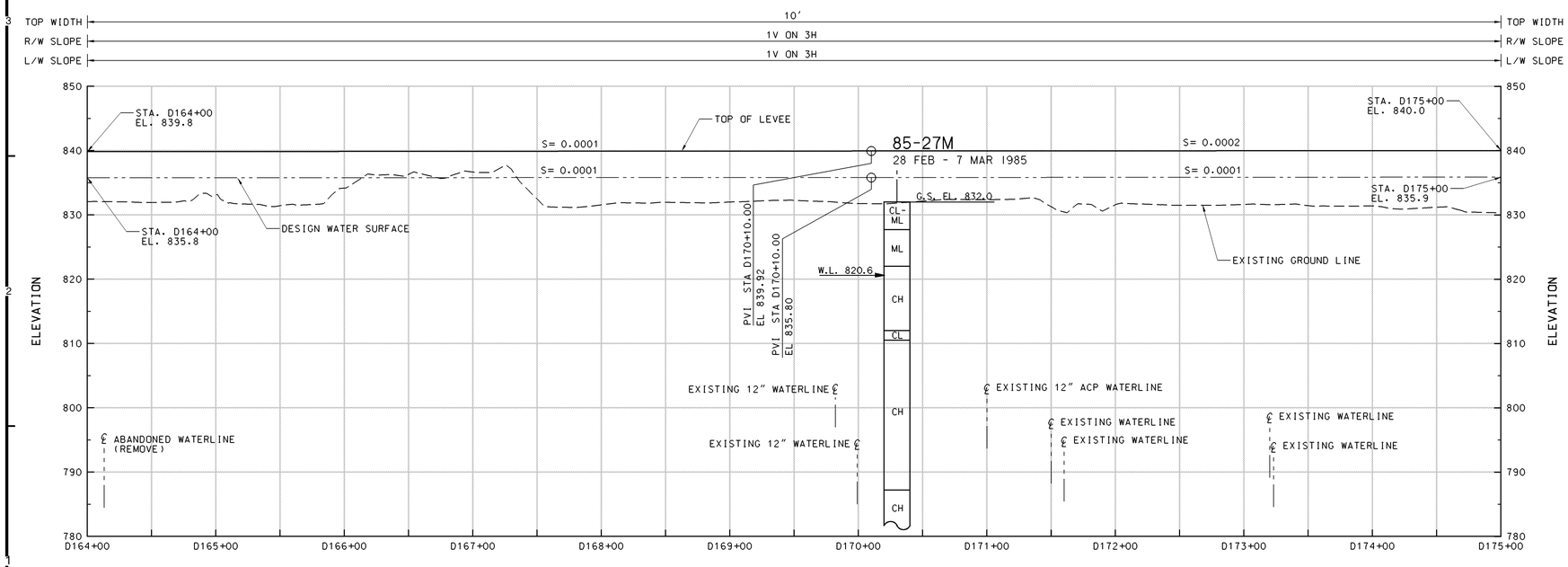
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D125+00 TO STA D150+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR105.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 109**
SHT 109 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

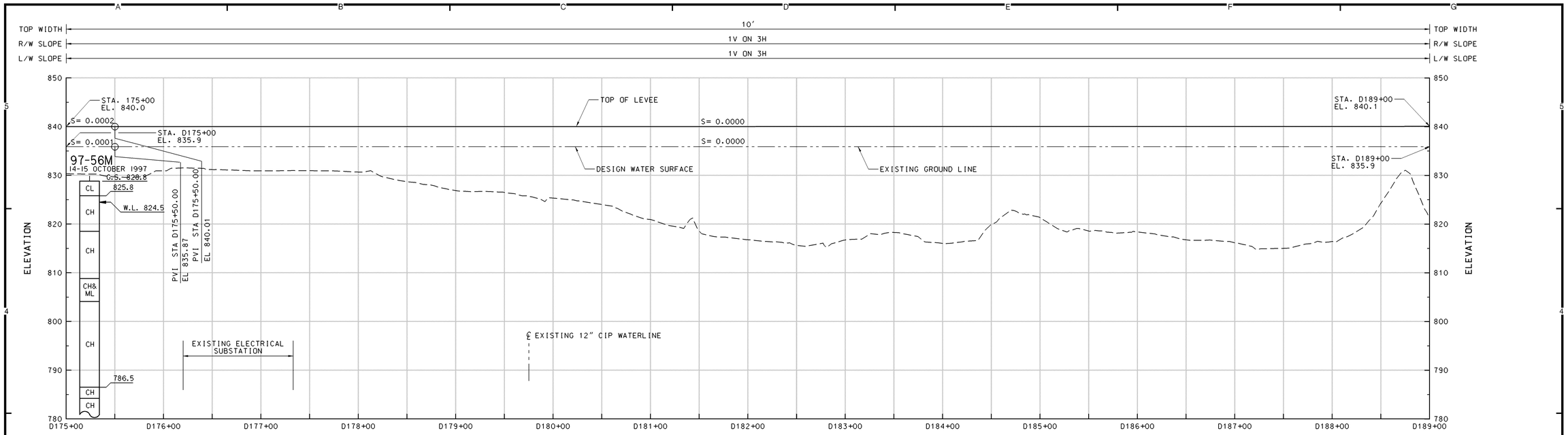
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

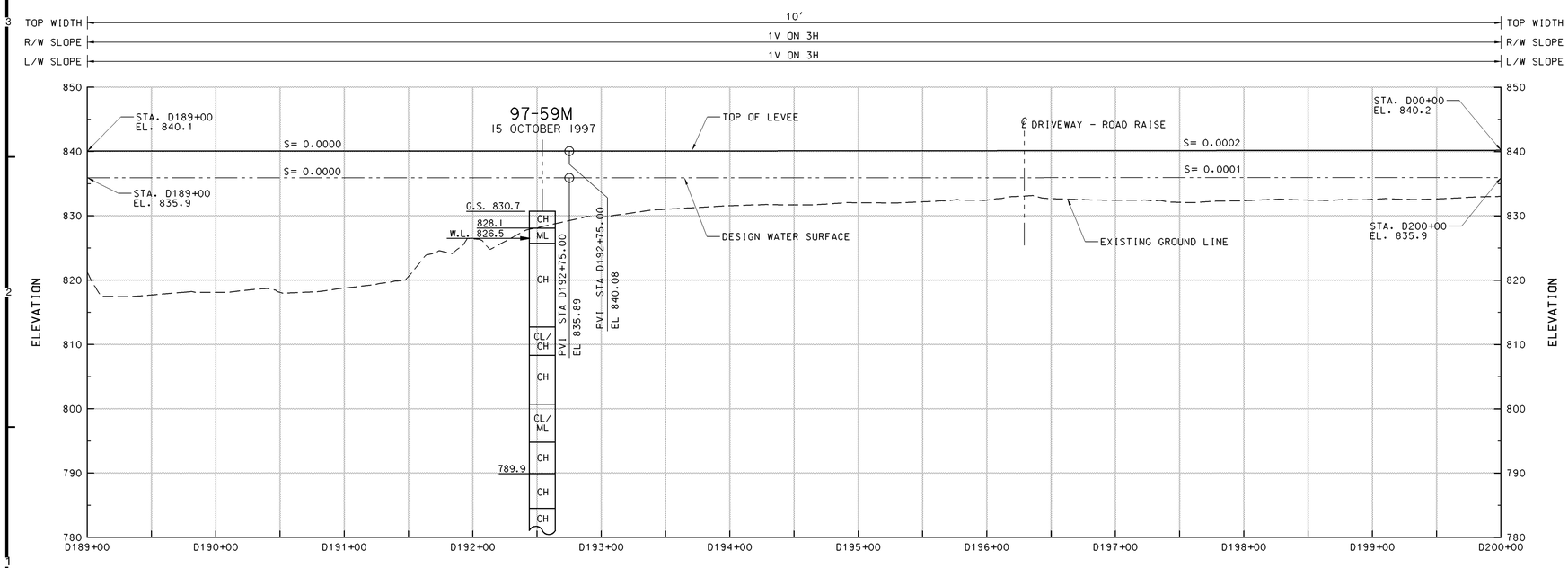
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D150+00 TO STA D175+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR106.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 110
SHT 110 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

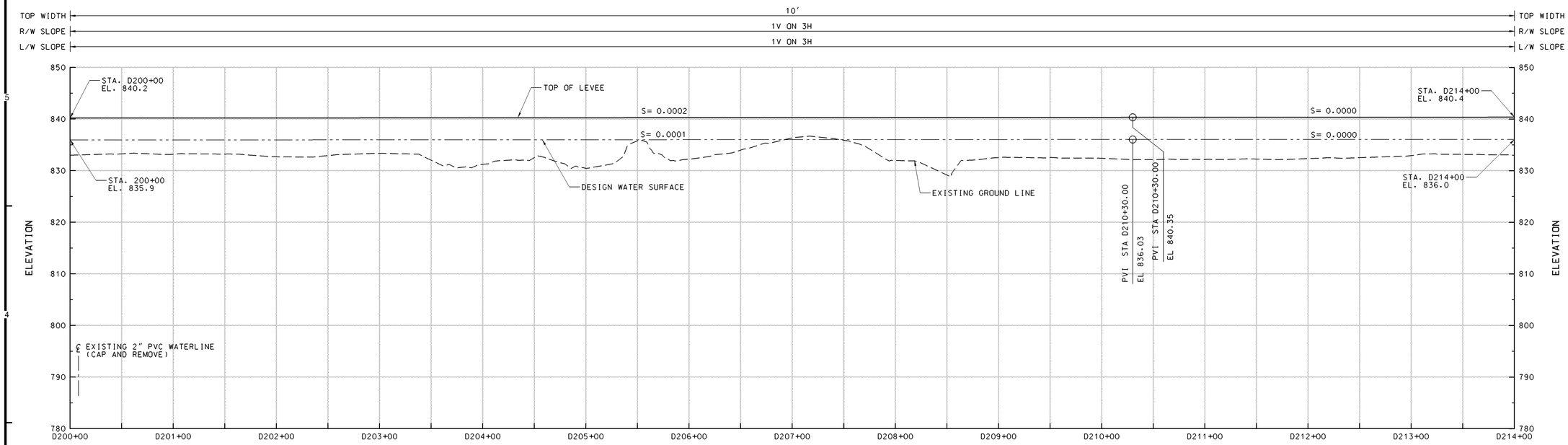
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

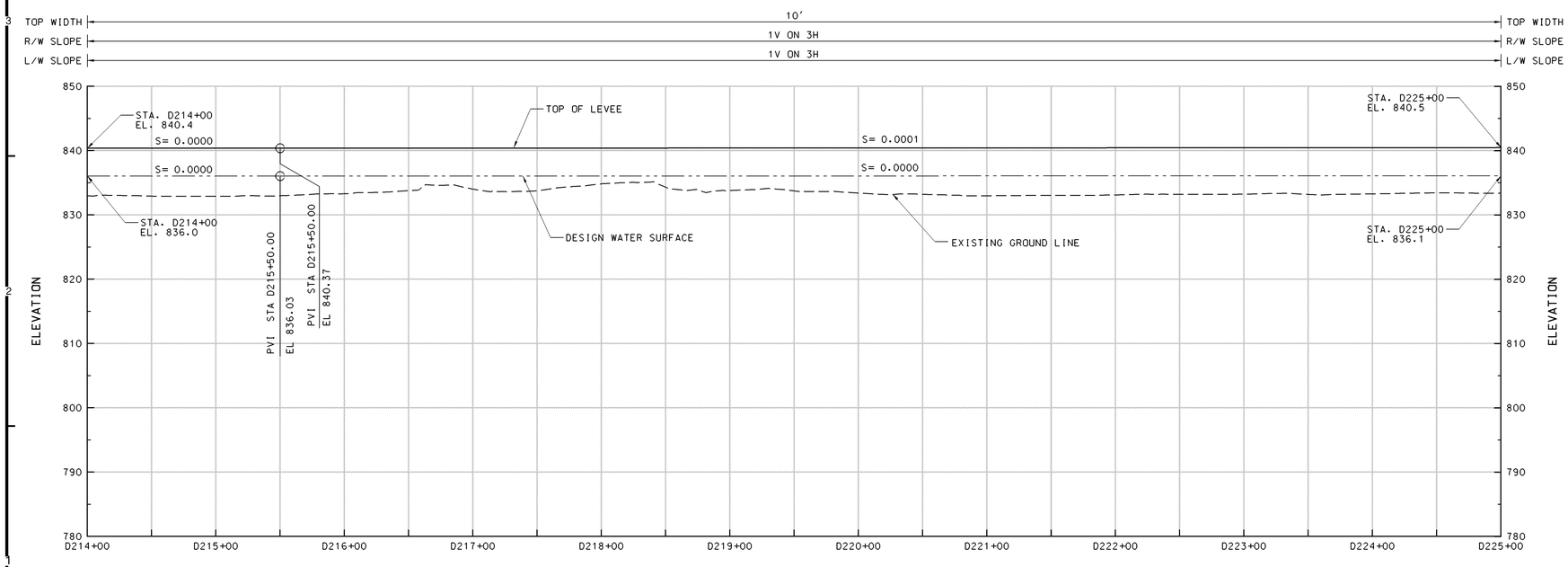
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D175+00 TO STA D200+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR107.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 111**
SHT 111 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

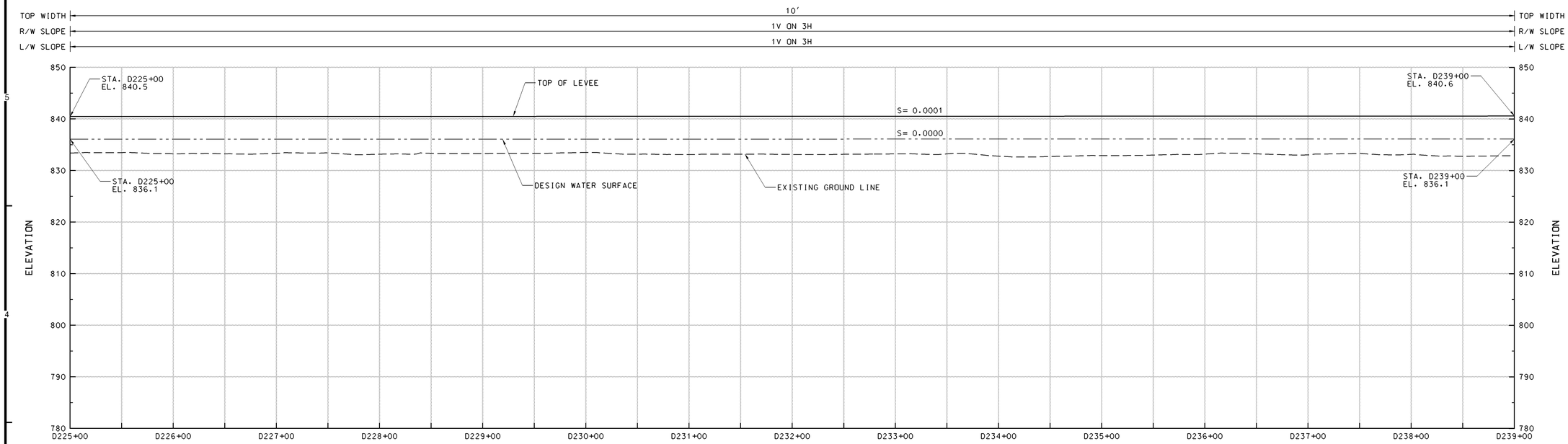
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

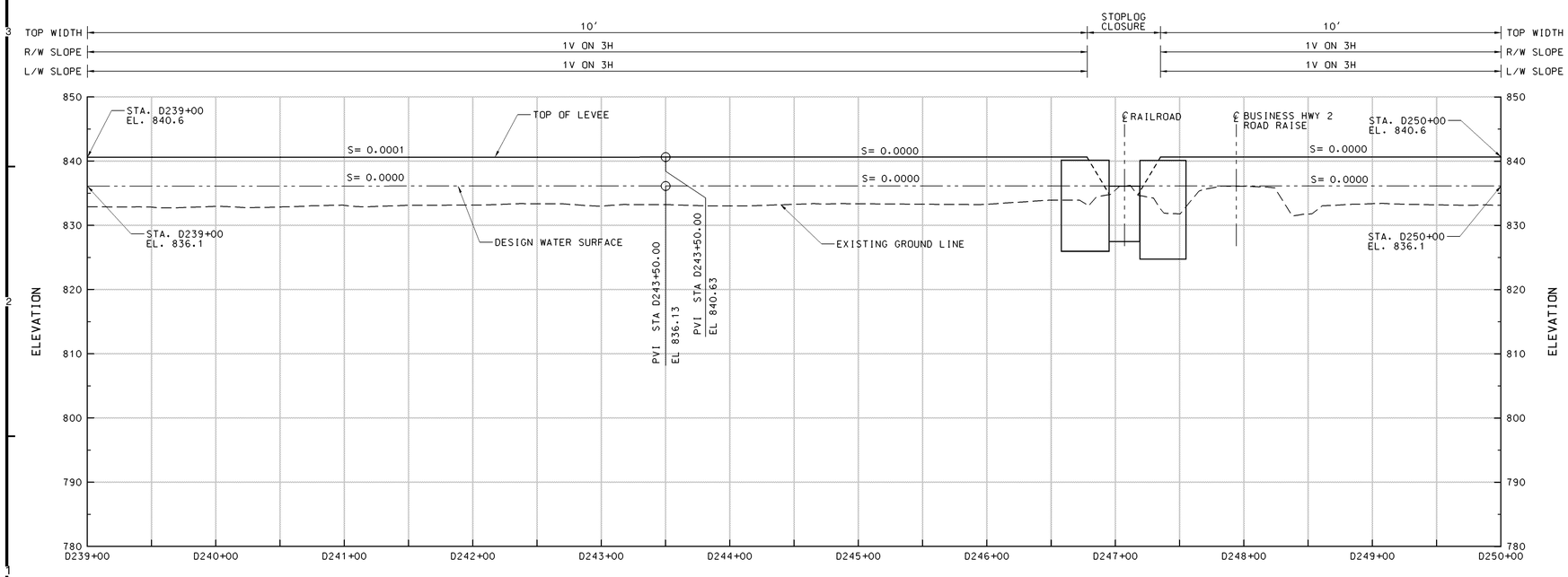
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D200+00 TO STA D225+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR108.DGN
DRAWING NUMBER: PLATE NO. 112
SHT 112 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

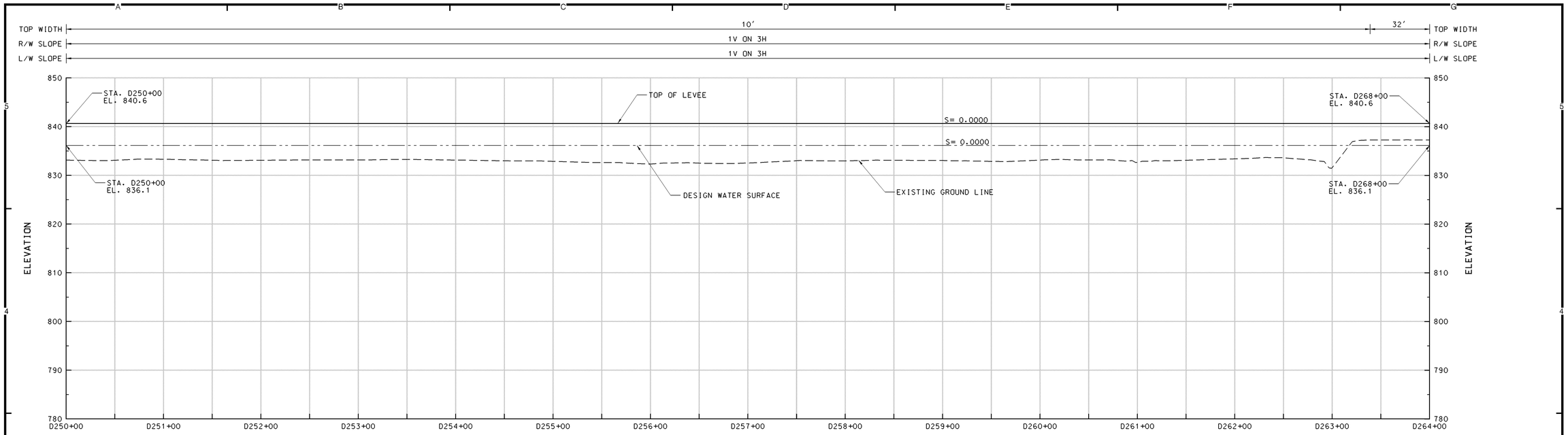
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

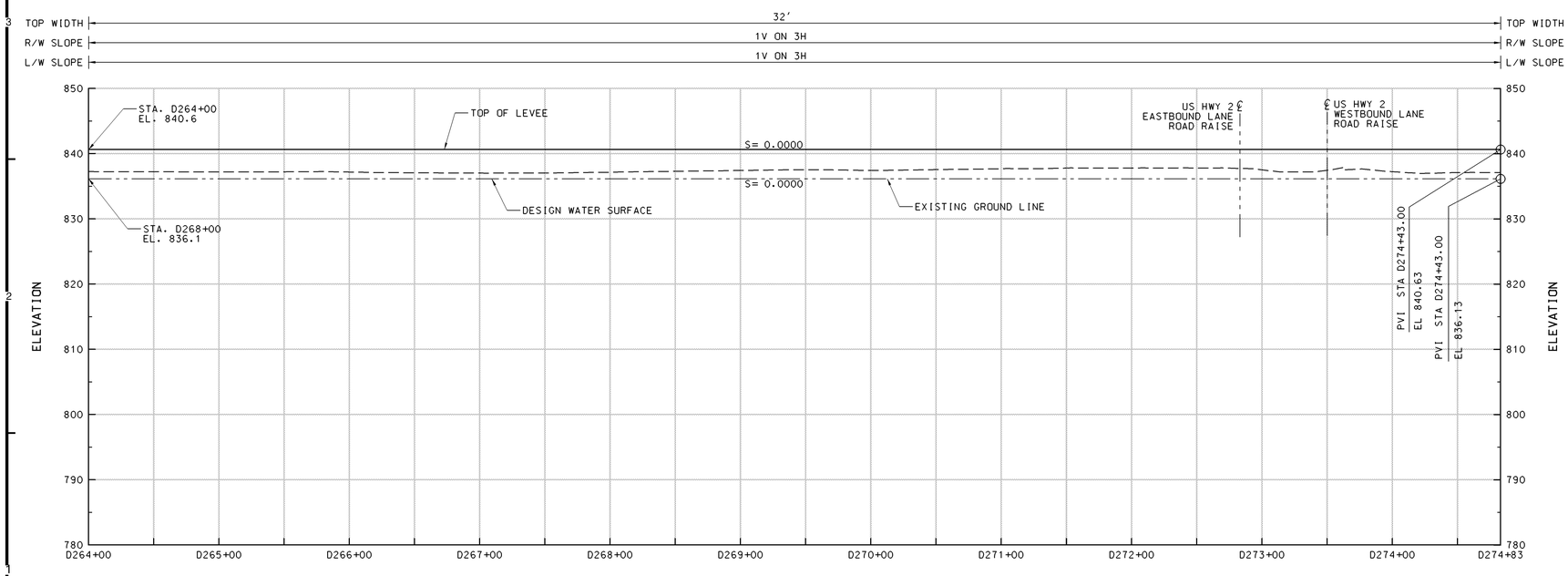
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D225+00 TO STA D250+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

CAD FILE NAME: GFGFR109.DGN
DRAWING NUMBER: PLATE NO. 113
SHT 113 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

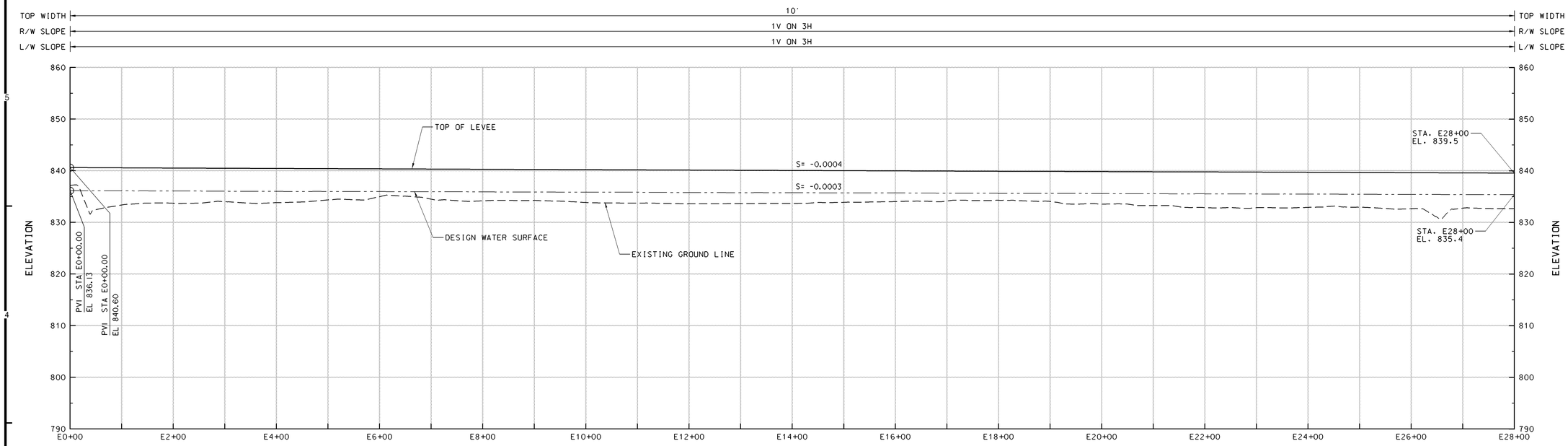
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

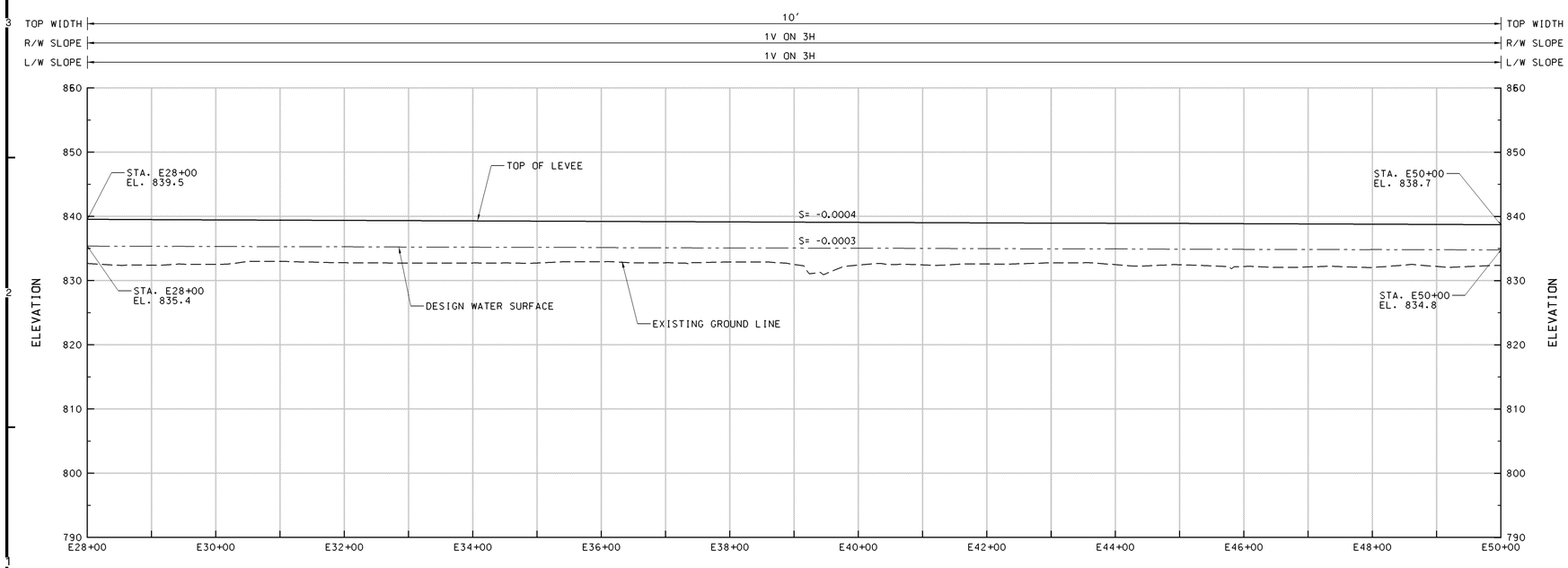
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA D250+00 TO STA D274+83

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

CAD FILE NAME: GFGFR110.DGN
DRAWING NUMBER: **PLATE NO. 114**
SHT 114 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
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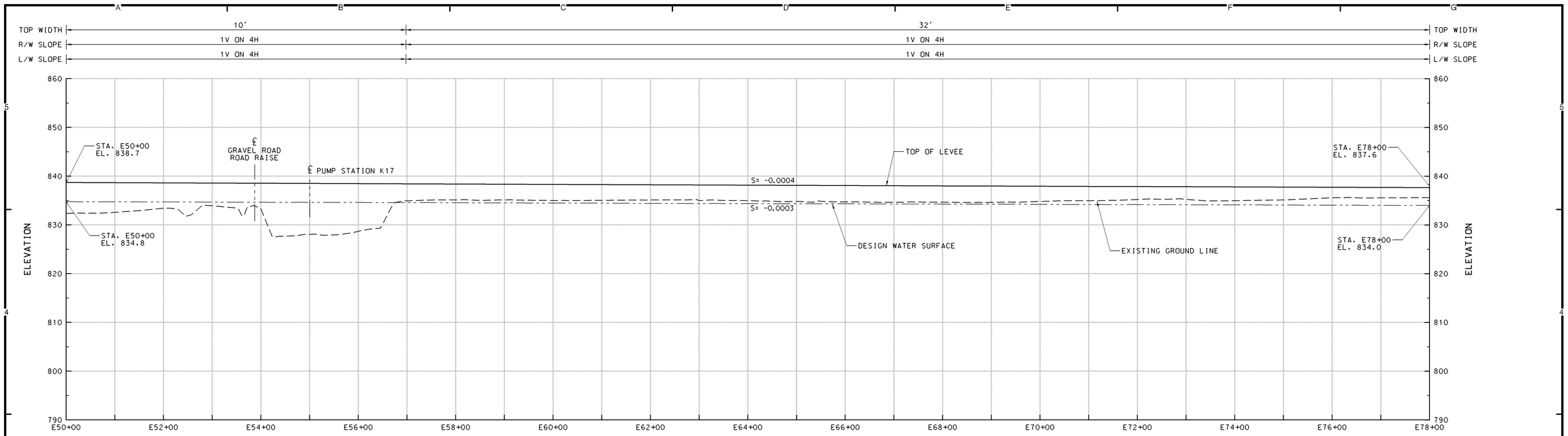
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA E0+00 TO STA E50+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR111.DGN
DRAWING NUMBER: **PLATE NO. 115**
SHT 115 OF 166
DATE: NOVEMBER 1998
SOL. NO:



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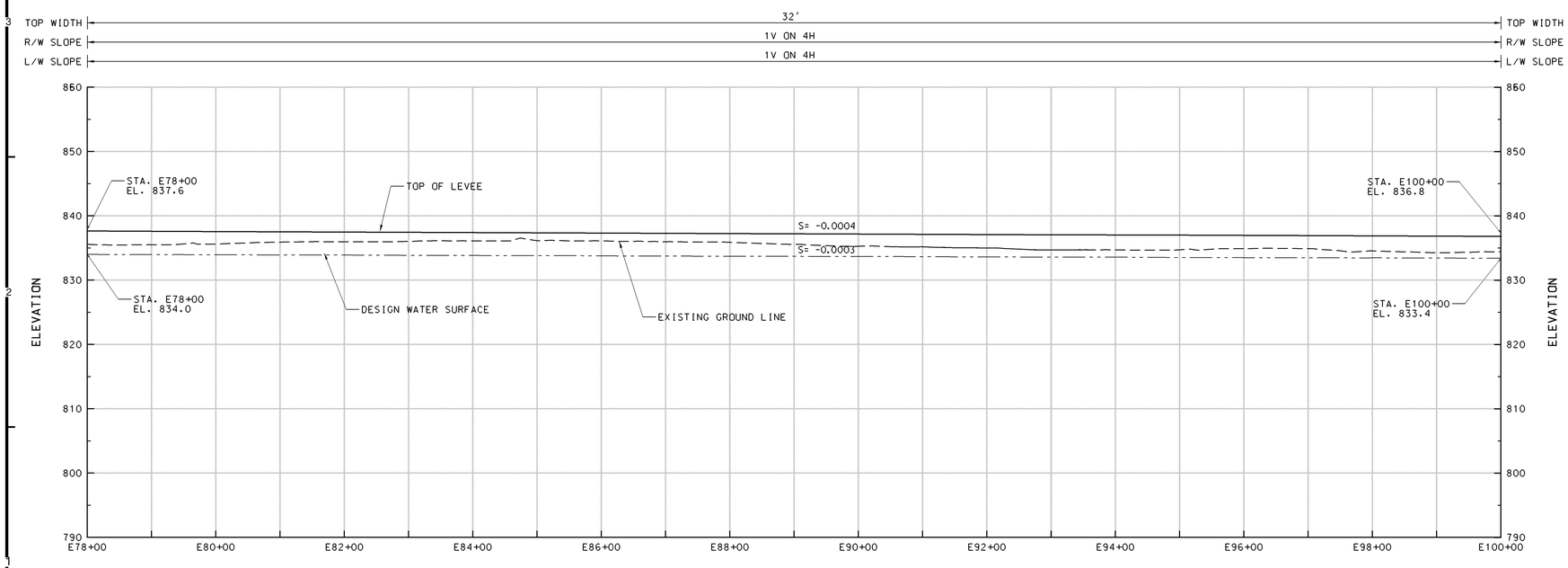


PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

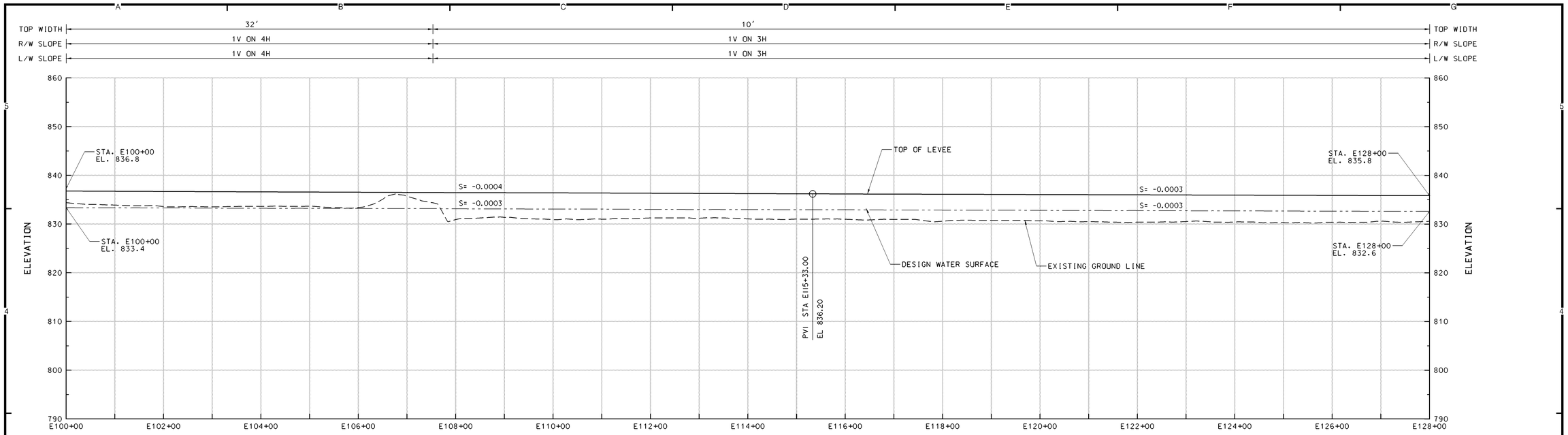
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

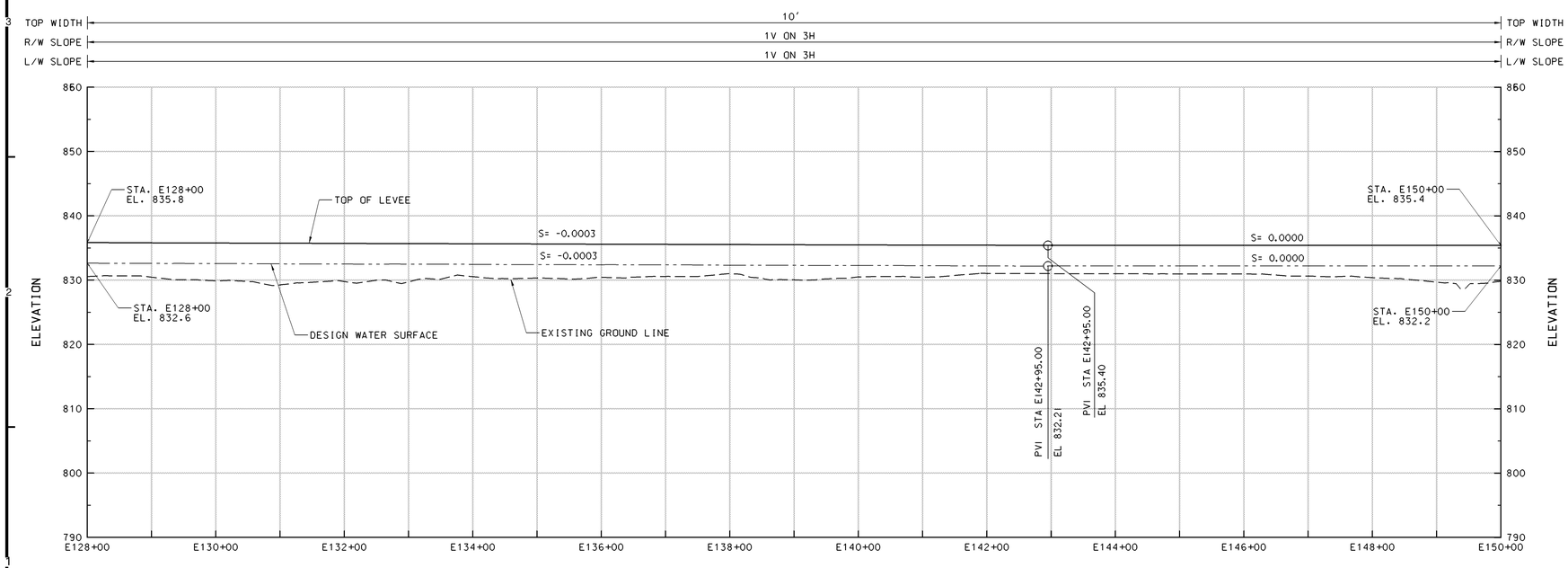
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA E50+00 TO STA E100+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR112.DGN
DRAWING NUMBER: PLATE NO. 116
SHT 116 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

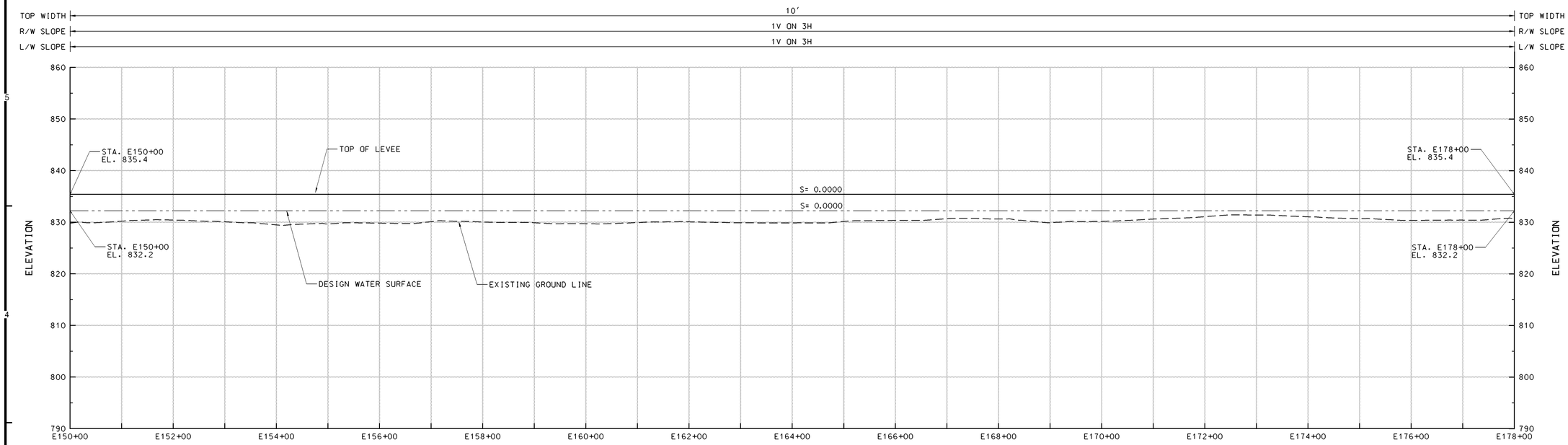
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

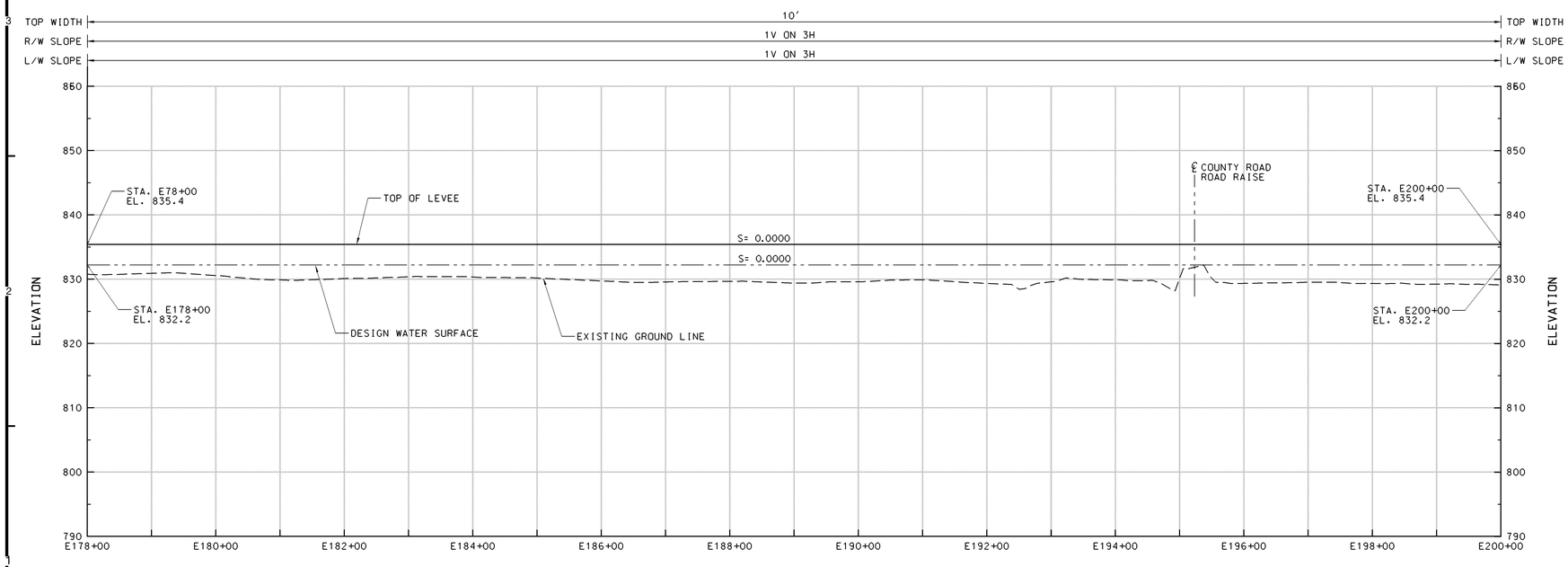
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA E100+00 TO STA E150+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR113.DGN
DRAWING NUMBER: **PLATE NO. 117**
SHT 117 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

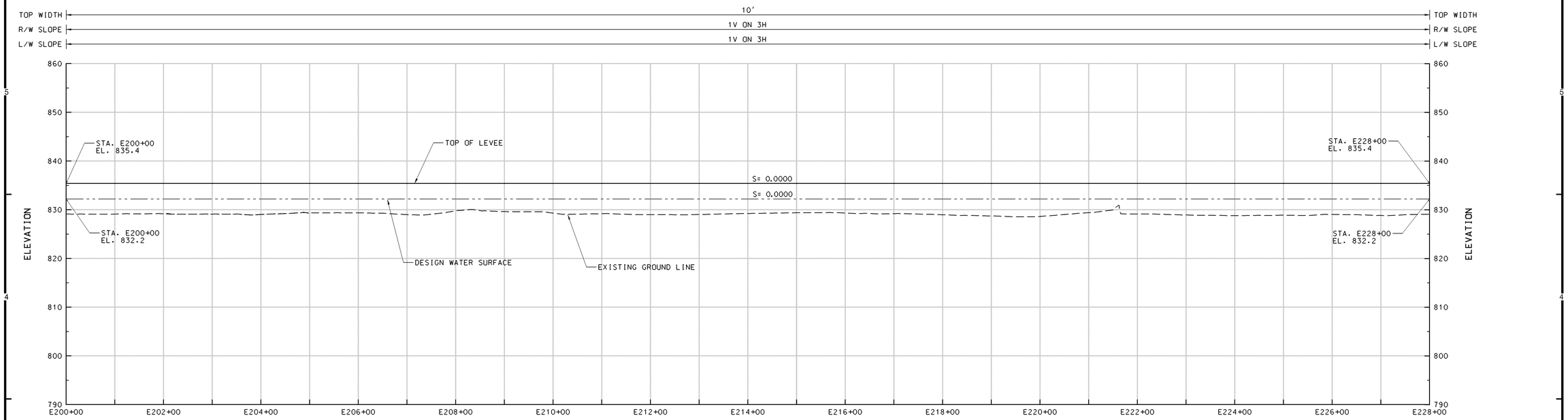
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

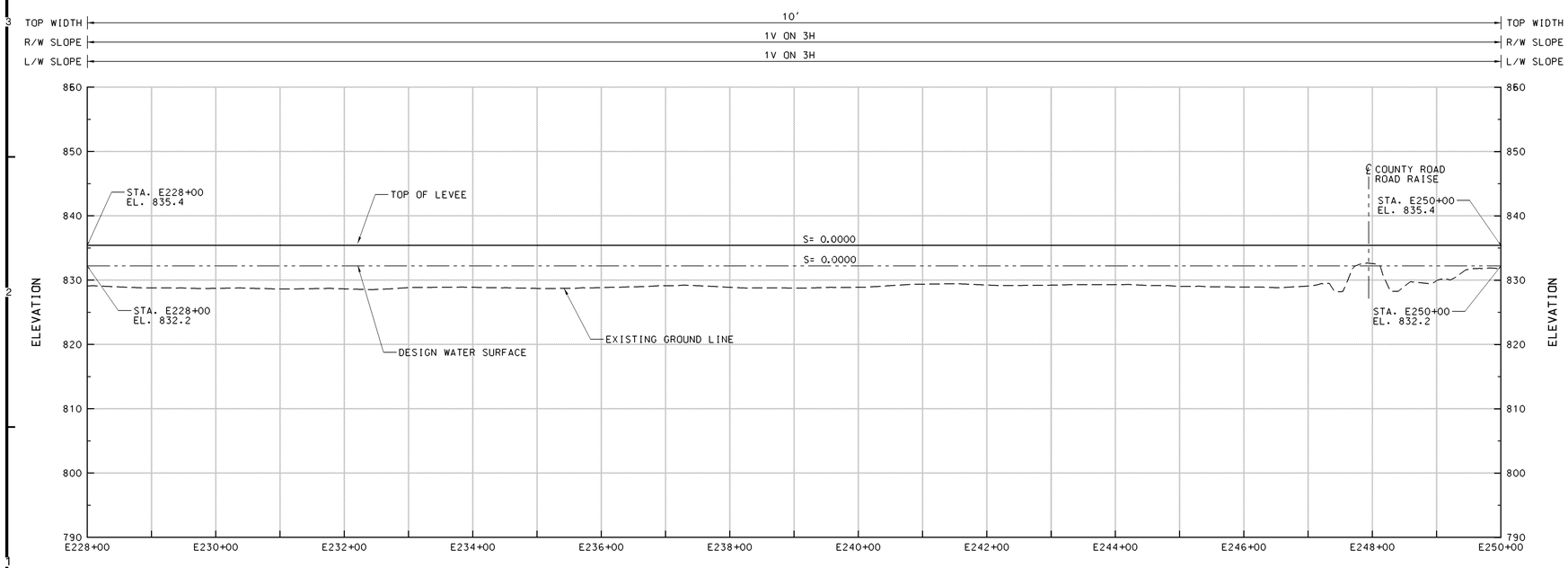
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA E150+00 TO STA E200+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR114.DGN
DRAWING NUMBER: PLATE NO. 118
SHT 118 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

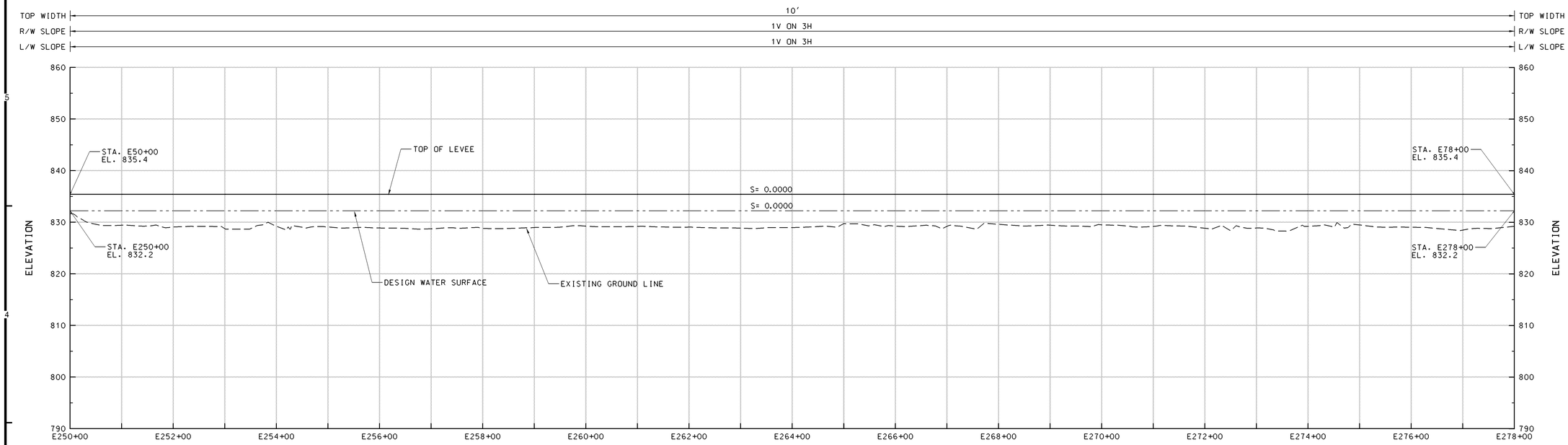
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

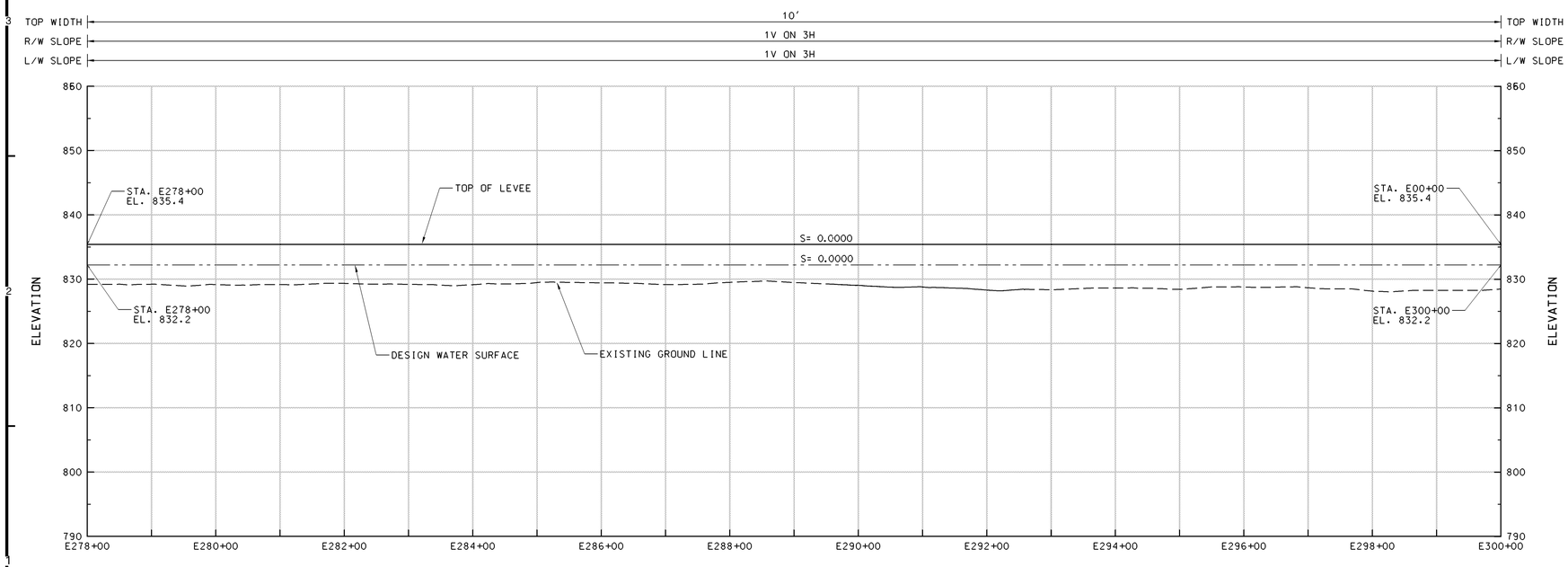
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA E200+00 TO STA E250+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR115.DGN
DRAWING NUMBER: PLATE NO. 119
SHT 119 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

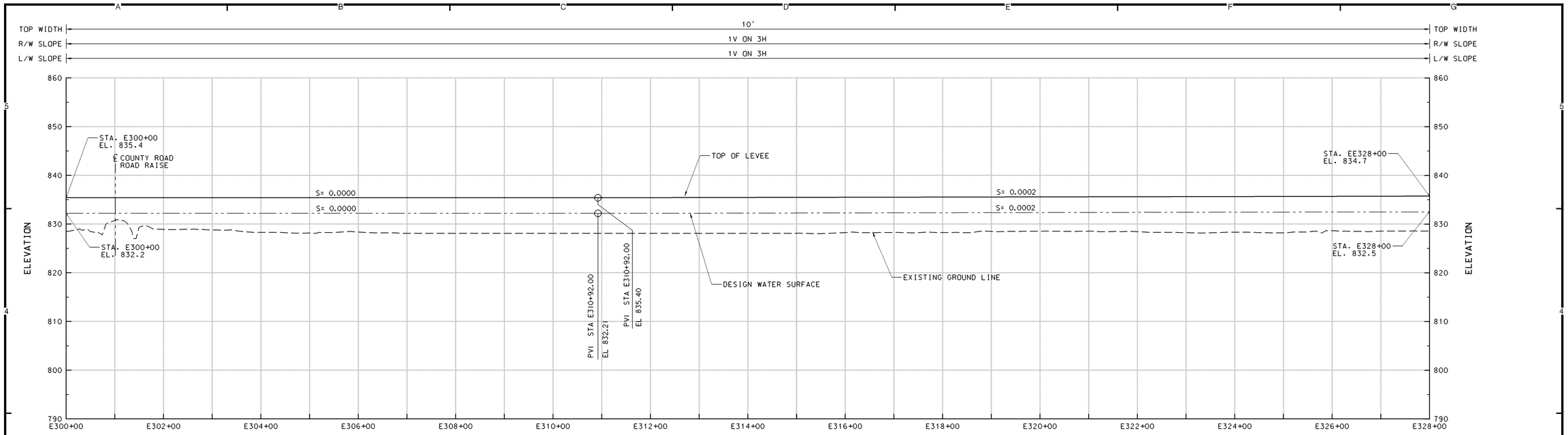
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA E250+00 TO STA E300+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR116.DGN
DRAWING NUMBER: PLATE NO. 120
SHT 120 OF 166
DATE: NOVEMBER 1998
SOL. NO:



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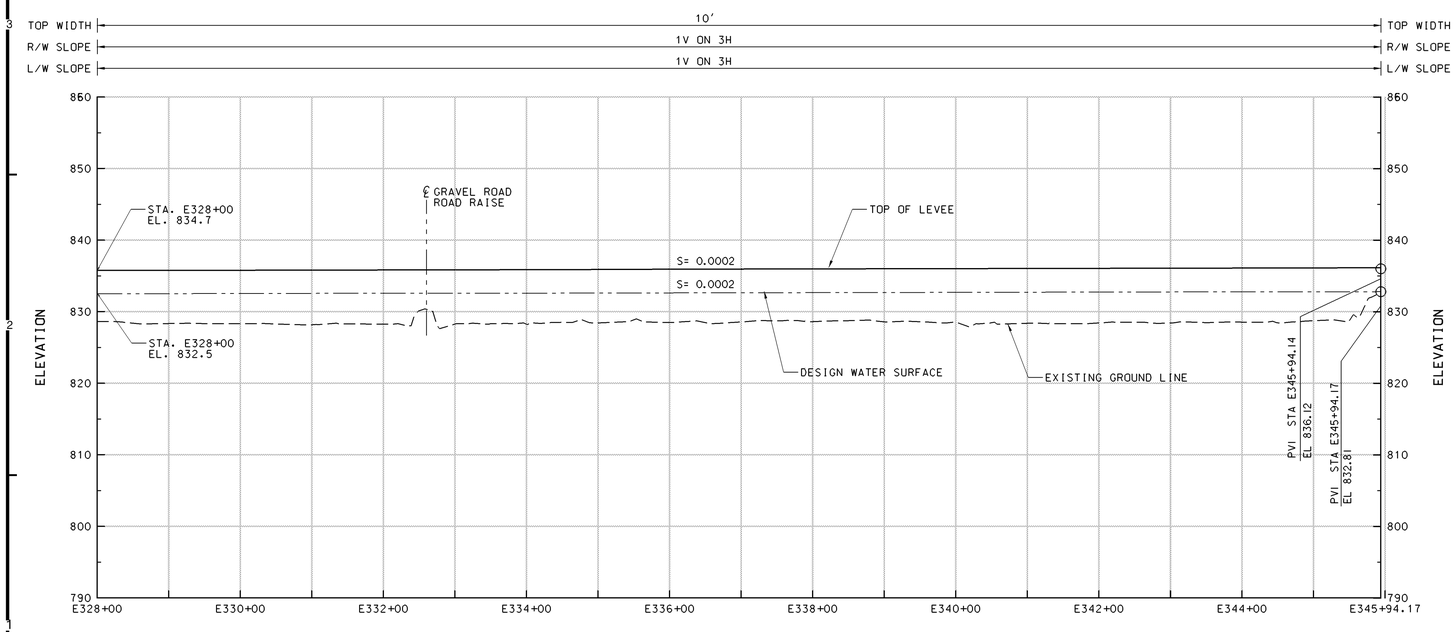


PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

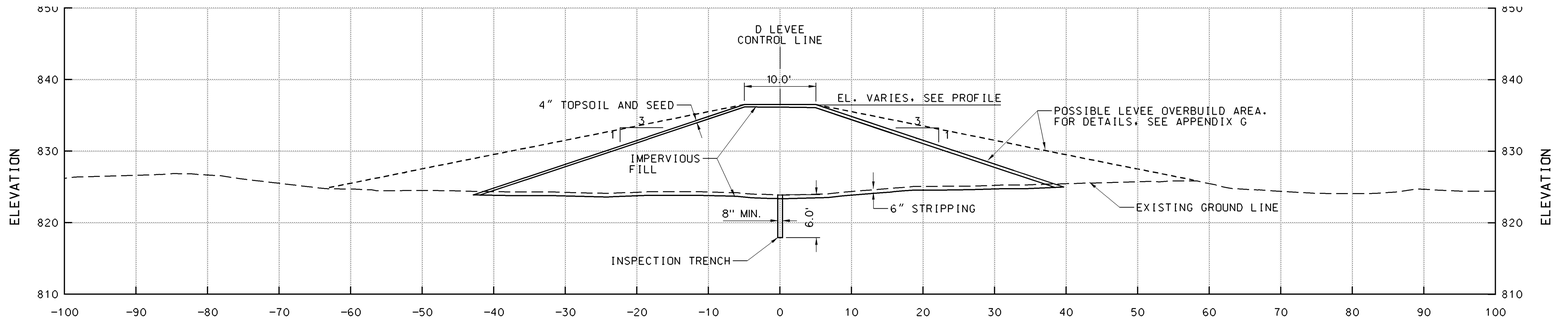
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
PROFILE - STA E300+00 TO STA E345+94.17

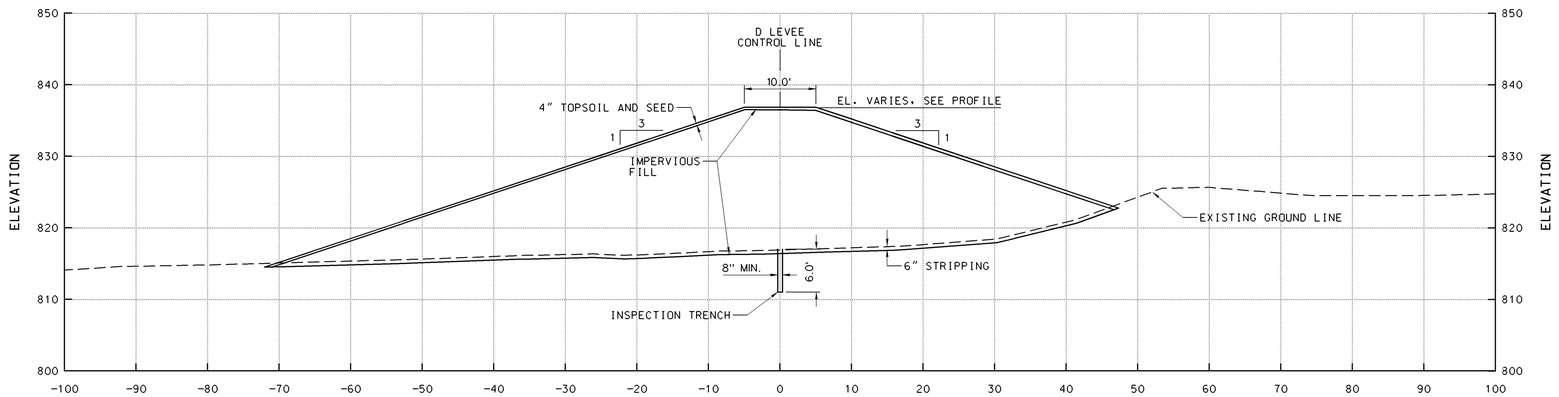
PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

CAD FILE NAME: GFGFR117.DGN
DRAWING NUMBER: PLATE NO. 121
SHT 121 OF 166
DATE: NOVEMBER 1998
SOL. NO:



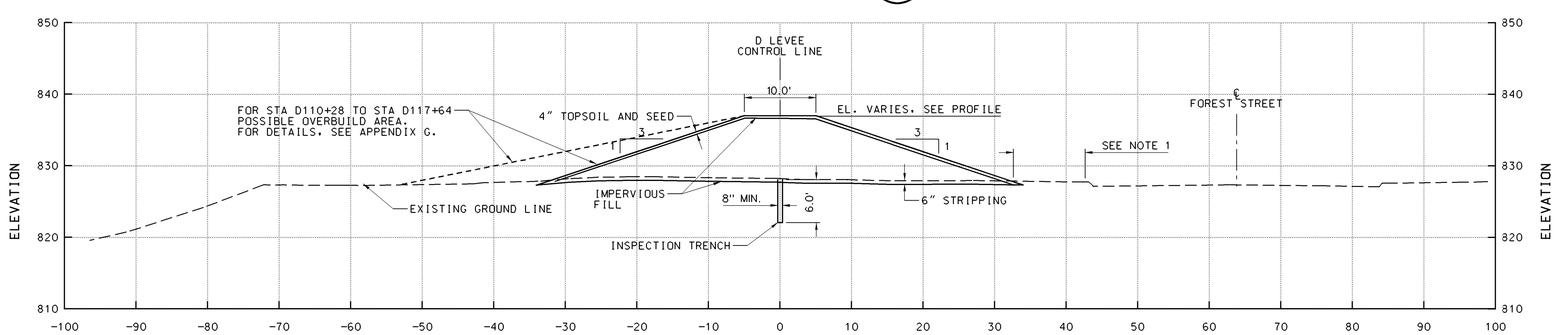
TYPICAL SECTION — **19**

STA D0+48 TO STA D22+58	75-76
STA D59+95 TO STA D71+00	78-79
STA D82+97 TO STA D89+72	80
STA D117+64 TO STA D119+71	82
STA D139+38 TO STA D146+82	83



TYPICAL SECTION — **20**

STA D22+58 TO STA D47+00	76-77
STA D55+10 TO STA D57+14	78
STA D80+42 TO STA D81+26	80
STA D89+72 TO STA D90+60	80
STA D92+29 TO STA D108+75	80-81
STA D130+74 TO STA D133+85	82-83
STA D134+97 TO STA D139+38	83
STA D167+00 TO STA D246+58	85-90
STA D248+44 TO STA D263+39	90-91



TYPICAL SECTION — **21**

STA D47+00 TO STA D51+75	77-78
STA D110+28 TO STA D117+64	81-82
STA D147+28 TO STA D151+72	83-84
STA D153+38 TO STA D167+00	84-85

NOTE:

1. 10' MINIMUM FROM BACK OF CURB TO TOE OF LEVEE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

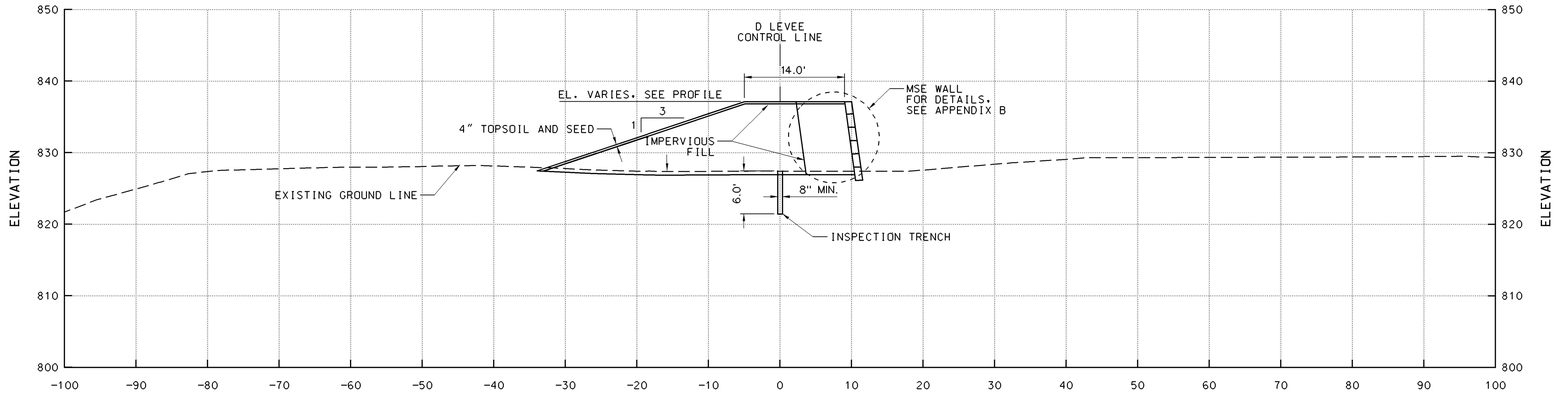
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
TYPICAL SECTIONS 19 - 21

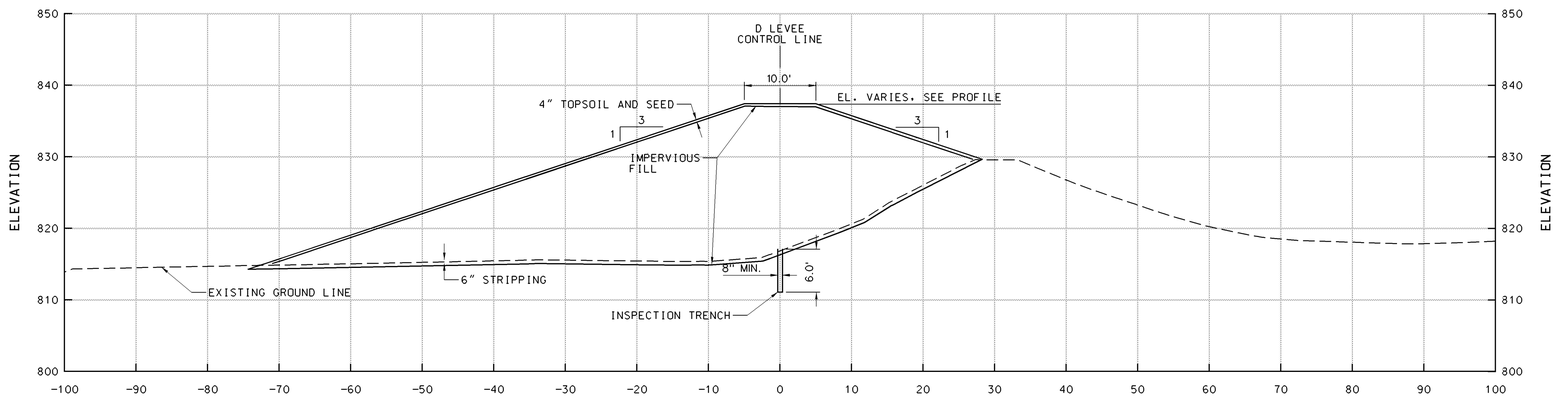
PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998

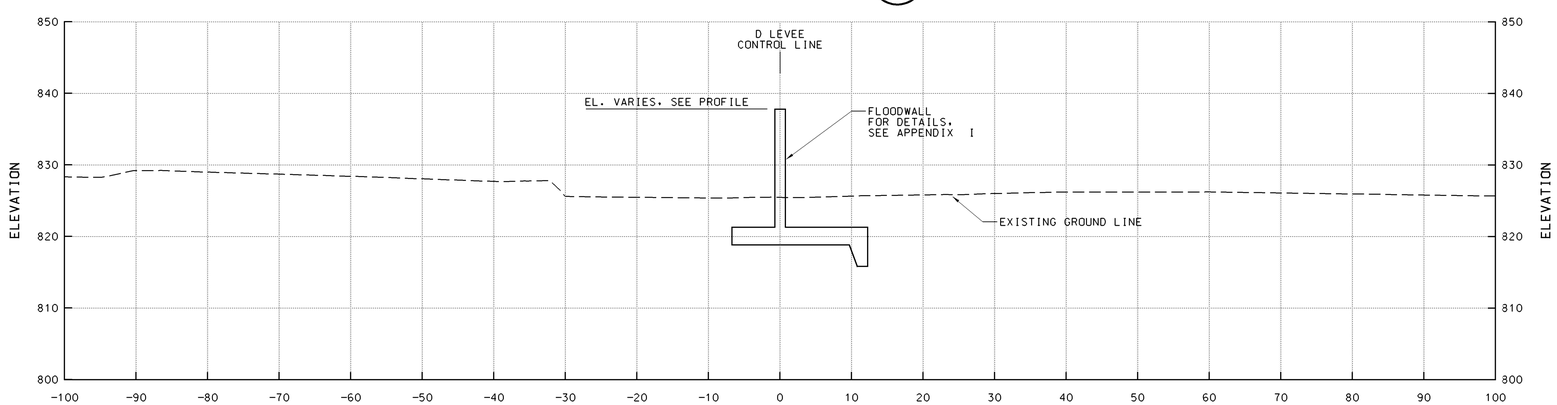
CAD FILE NAME: GFGXR1C0.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 122
SHT 122 OF 166



TYPICAL SECTION 22/78
STA D52+80 TO STA D54+80



TYPICAL SECTION 23/79-80
STA D71+00 TO STA D80+42



TYPICAL SECTION 24/82-82
STA D120+33 TO STA D123+13
STA D123+83 TO STA D129+98

NOTES:

1. 10' MINIMUM FROM BACK OF CURB TO TOE OF LEVEE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

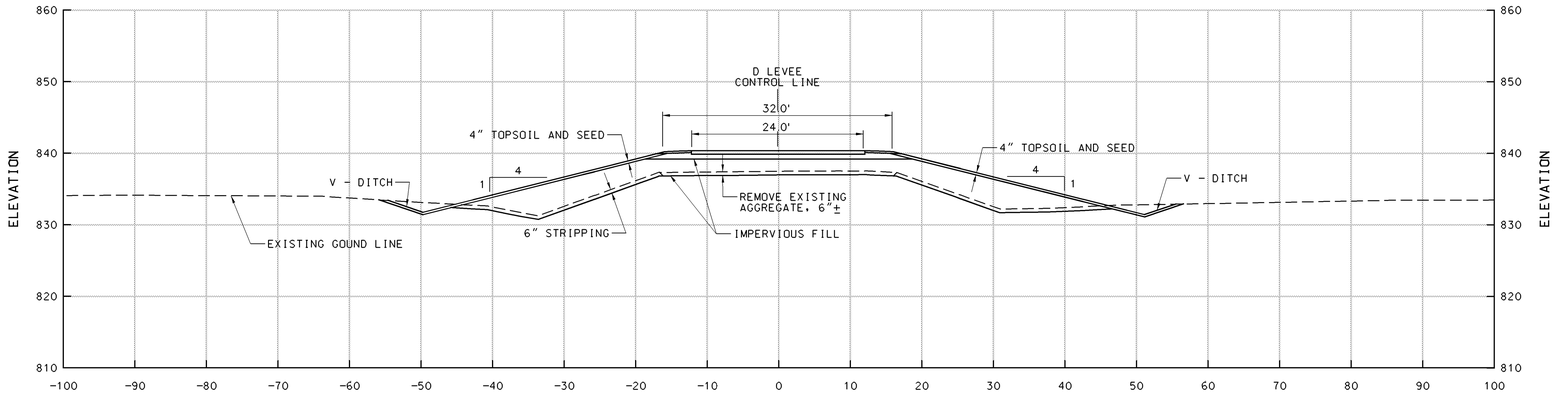
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

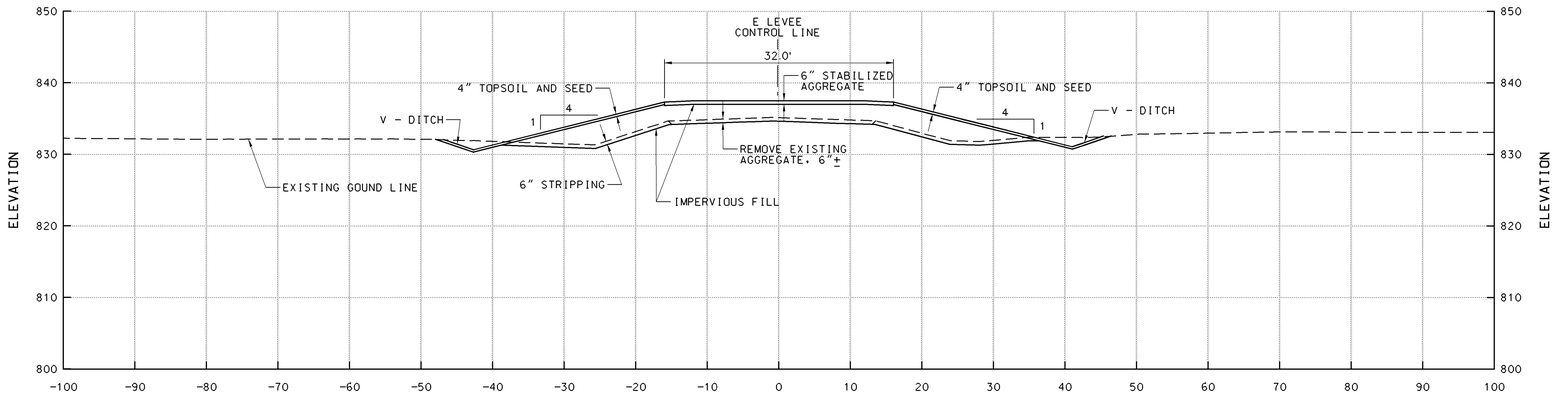
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
TYPICAL SECTIONS 22 - 24

PE-D: DESIGNED: DPF/CWB; CHECKED: CAA/MSM; DRAWN: DPF
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

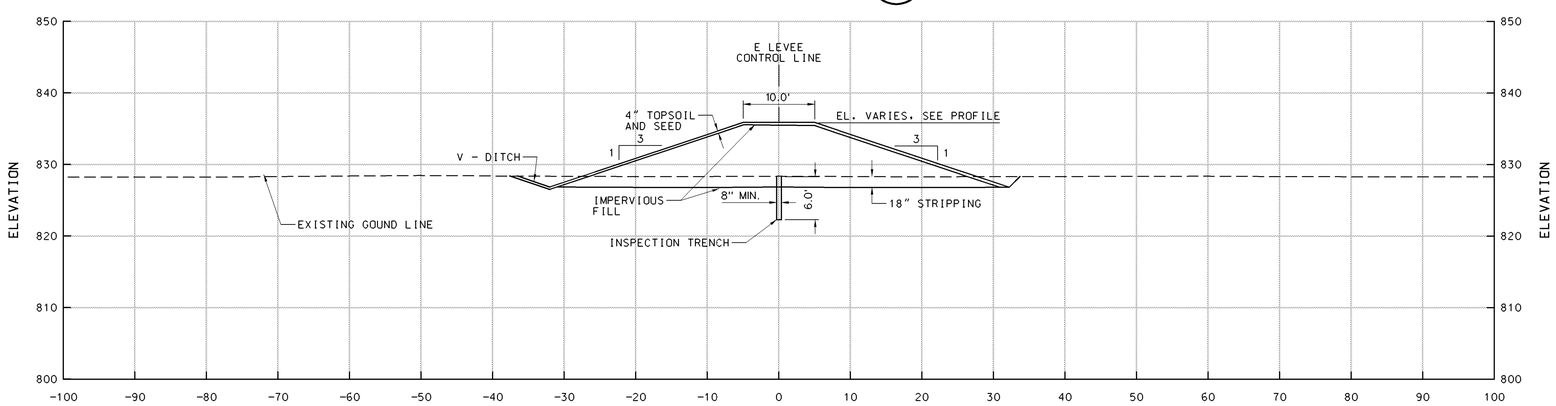
CAD FILE NAME: GFGXR1C1.DGN
DRAWING NUMBER: PLATE NO. 123
SHT 101 OF 166
DATE: NOVEMBER 1998
SOL. NO:



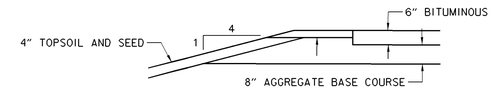
TYPICAL SECTION 25/91
STA D263+40 TO STA D272+56



TYPICAL SECTION 26/93-95
STA E56+95 TO STA E107+55



TYPICAL SECTION 27/92-93, 95-103
STA E0+00 TO STA E56+95
STA E107+55 TO STA E345+94



DETAIL A
TYPICAL BITUMINOUS SECTION
SCALE: NONE

SYMBOL	DESCRIPTION	DATE	APPROVAL

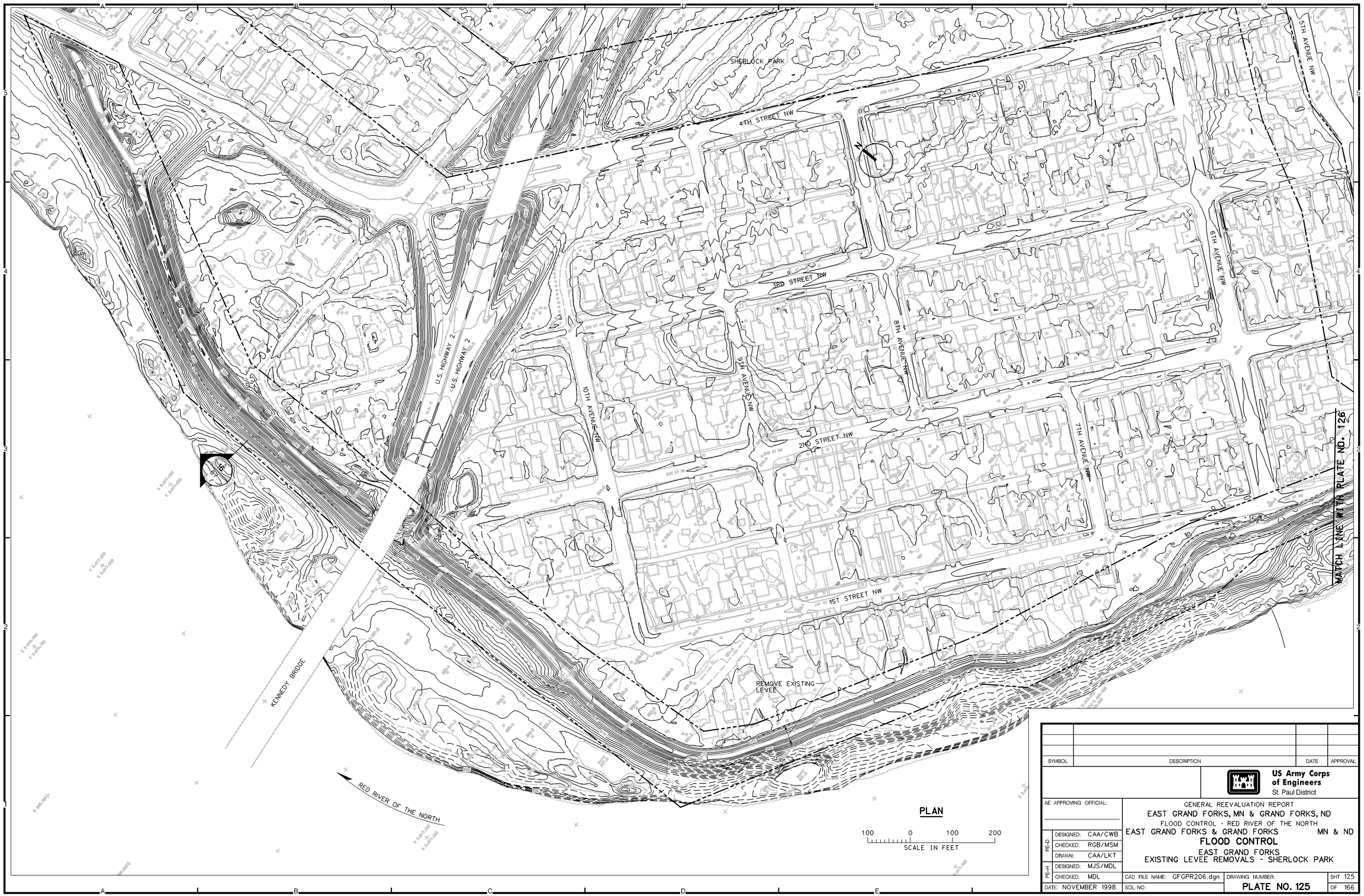
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
TYPICAL SECTIONS 25 - 27

PE-D	DESIGNED: DPF/CWB	
	CHECKED: CAA/MSM	
	DRAWN: DPF/LKT	
PE-H	DESIGNED: MJS/MDL	
	CHECKED: MDL	
DATE: NOVEMBER 1998	SOL. NO:	

CAD FILE NAME: GFGXR1C2.DGN
DRAWING NUMBER: **PLATE NO. 124**
SHT 124 OF 166



SYMBOL	DESCRIPTION	DATE	APPROVAL

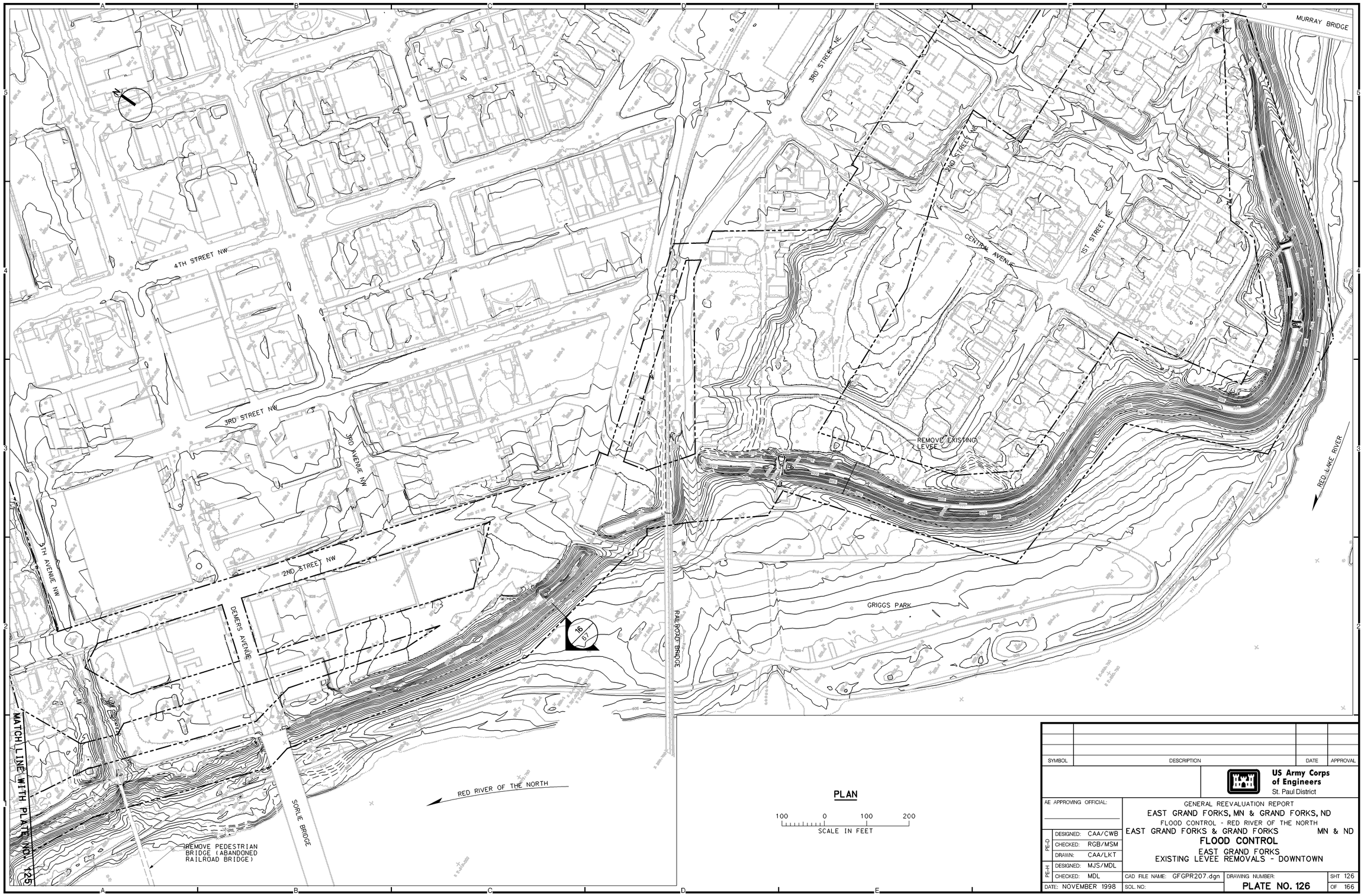
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
EXISTING LEVEE REMOVALS - SHERLOCK PARK

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/LKT
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

CAD FILE NAME: GFGPR206.dgn
DRAWING NUMBER: **PLATE NO. 125**
SHT 125 OF 166
DATE: NOVEMBER 1998
SOL NO:



PLAN

100 0 100 200
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

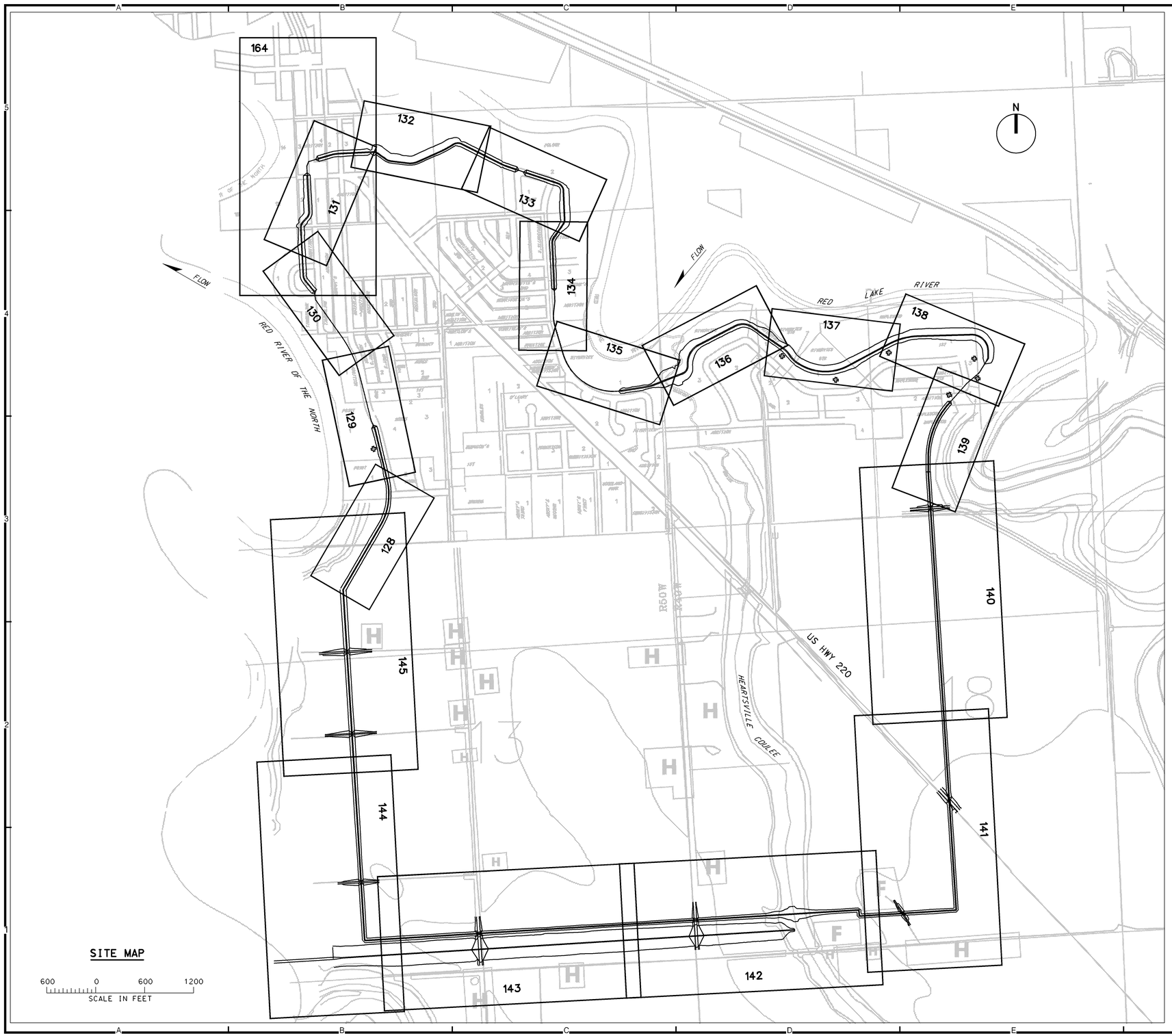
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS
EXISTING LEVEE REMOVALS - DOWNTOWN

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/LKT
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

CAD FILE NAME: GFGPR207.dgn
DRAWING NUMBER:
PLATE NO. 126
SHT 126 OF 166
DATE: NOVEMBER 1998
SOL. NO:



SYMBOL	DESCRIPTION	DATE	APPROVAL

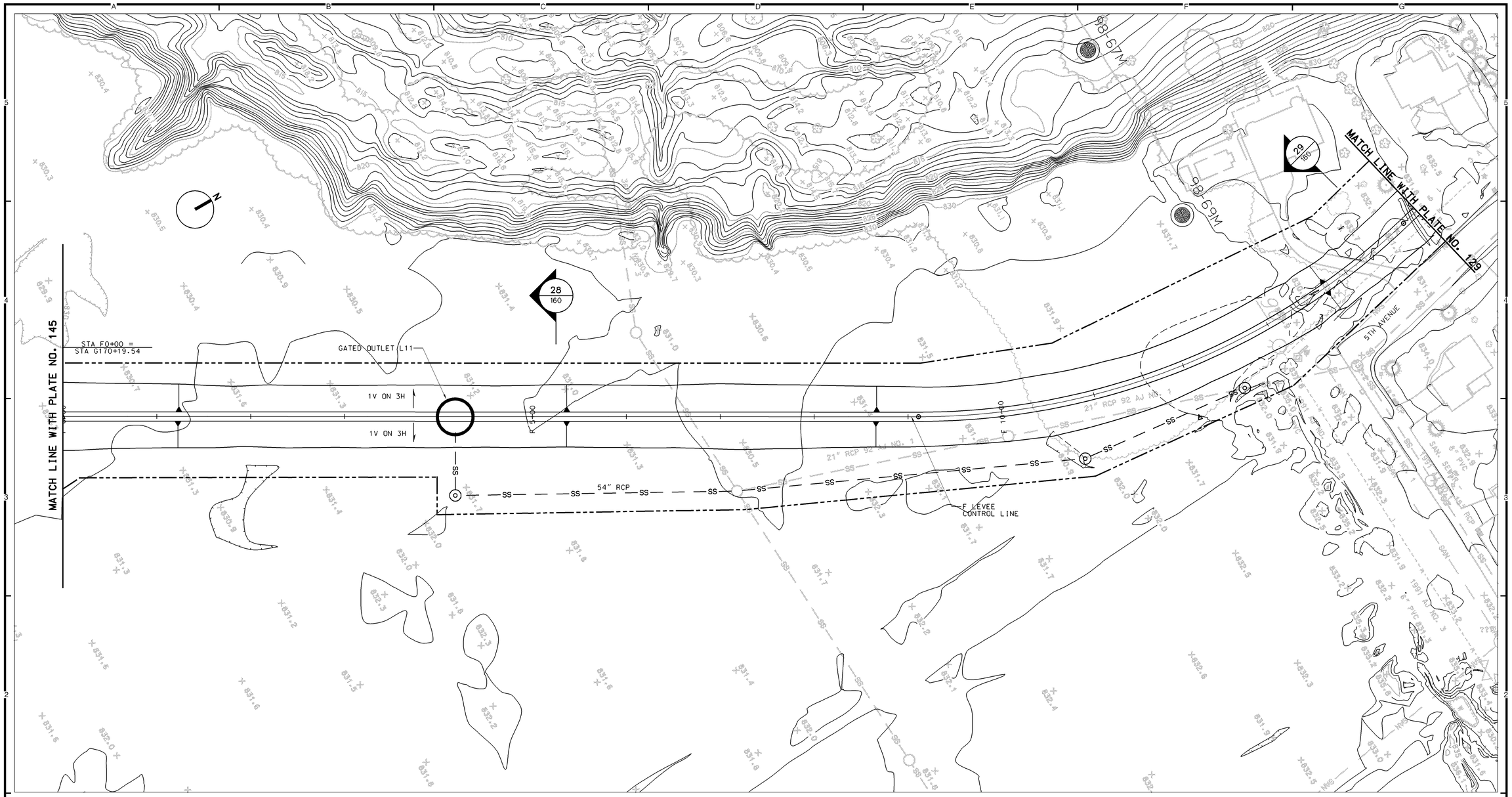
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
SITE MAP
EAST GRAND FORKS - THE POINT

PE-D	DESIGNED:	DT/CA/CB
	CHECKED:	RGB/MSM
	DRAWN:	CAA
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

CAD FILE NAME: GF10R105.DGN
DRAWING NUMBER: **PLATE NO. 127**
SHT 127 OF 166
DATE: NOVEMBER 1998
SOL NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	146
3.	TYPICAL SECTIONS	160

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA F0+00 TO STA F15+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

CAD FILE NAME: GFGPR150.DGN
DRAWING NUMBER: **PLATE NO. 128**
SHT 128 OF 166
DATE: NOVEMBER 1998
SOL. NO:

PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	146-147
3.	TYPICAL SECTIONS	160

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.
6. NEW STRUCTURE BUILT AFTER TOPOGRAPHIC MAPPING WAS PLOTTED. MAPPING WILL BE UPDATED AT A LATER DATE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F15+00 TO STA. F30+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

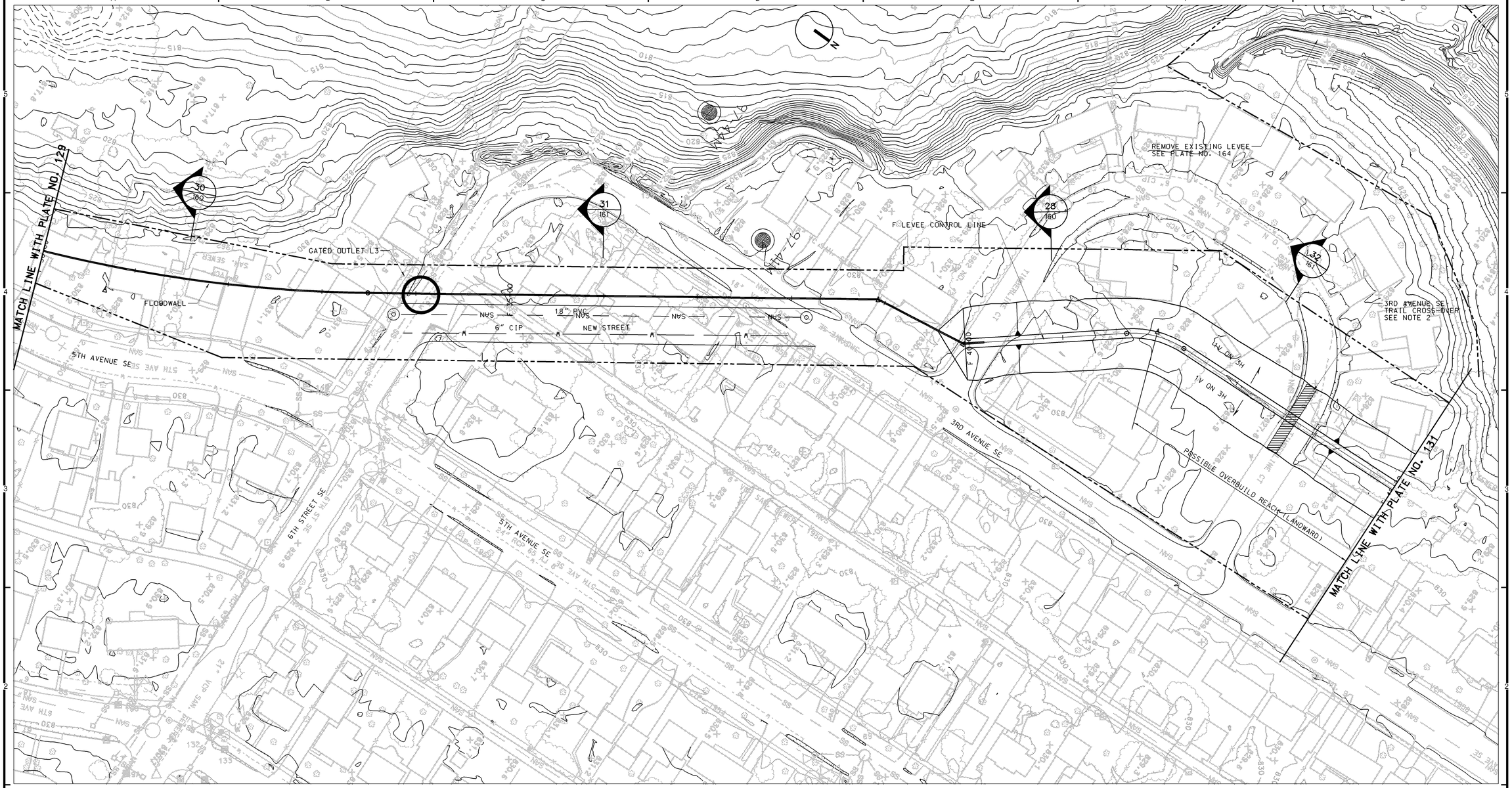
DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR151.DGN

SOL. NO:

DRAWING NUMBER: PLATE NO. 129

SHT 129 OF 166



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	147
3.	TYPICAL SECTIONS	161

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

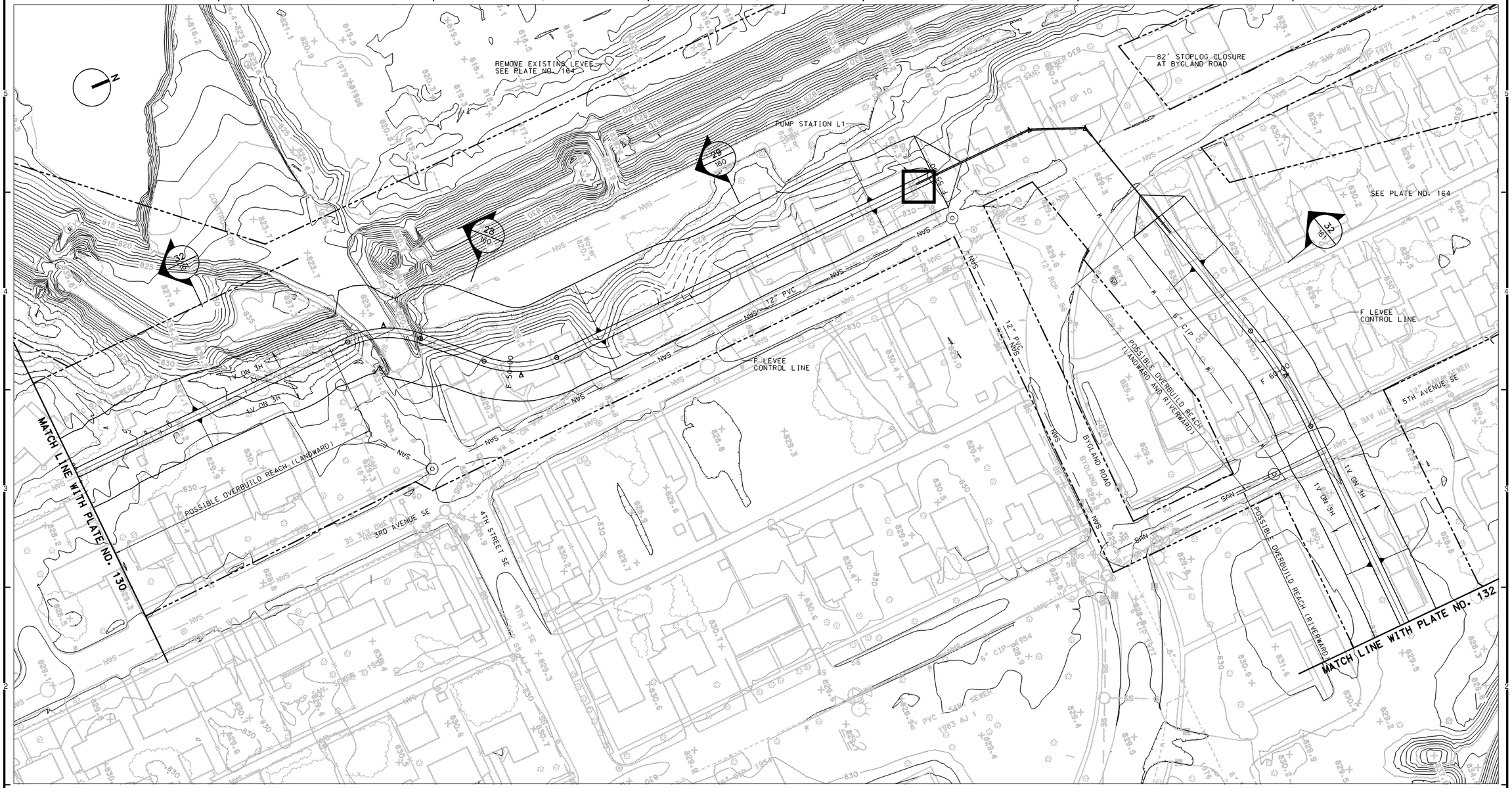
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F30+00 TO STA. F45+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR152.DGN
DRAWING NUMBER: **PLATE NO. 130**
SHT 130 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	147-148
3.	TYPICAL SECTIONS	160-161

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

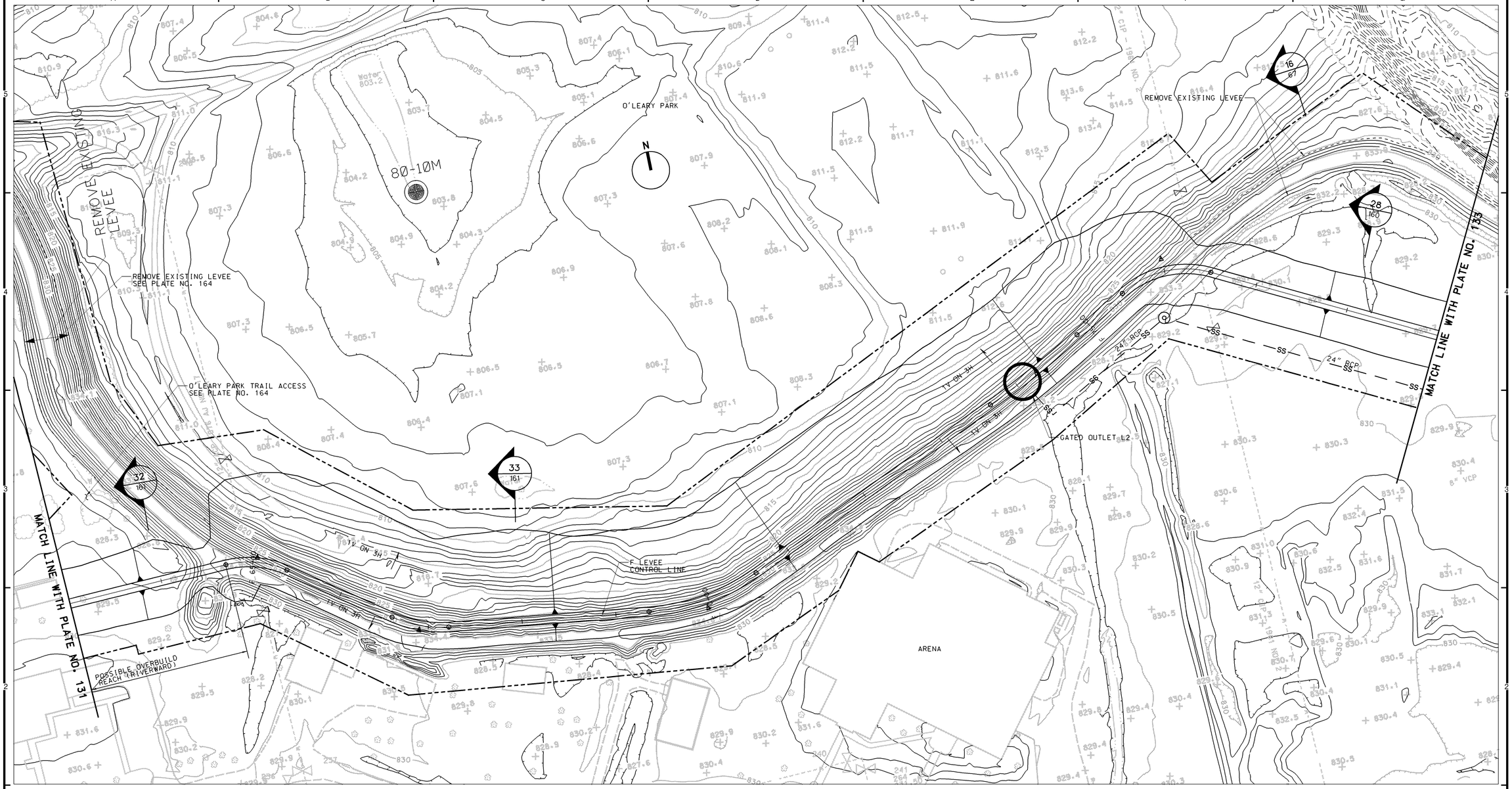
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F45+00 TO STA. F63+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MJS/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR153.DGN
DRAWING NUMBER: PLATE NO. 131
SHT 131 OF 166
DATE: NOVEMBER 1998
SOL. NO:



REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	148-149
3.	TYPICAL SECTIONS	160-161

PLAN

50 0 50 100
SCALE IN FEET

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

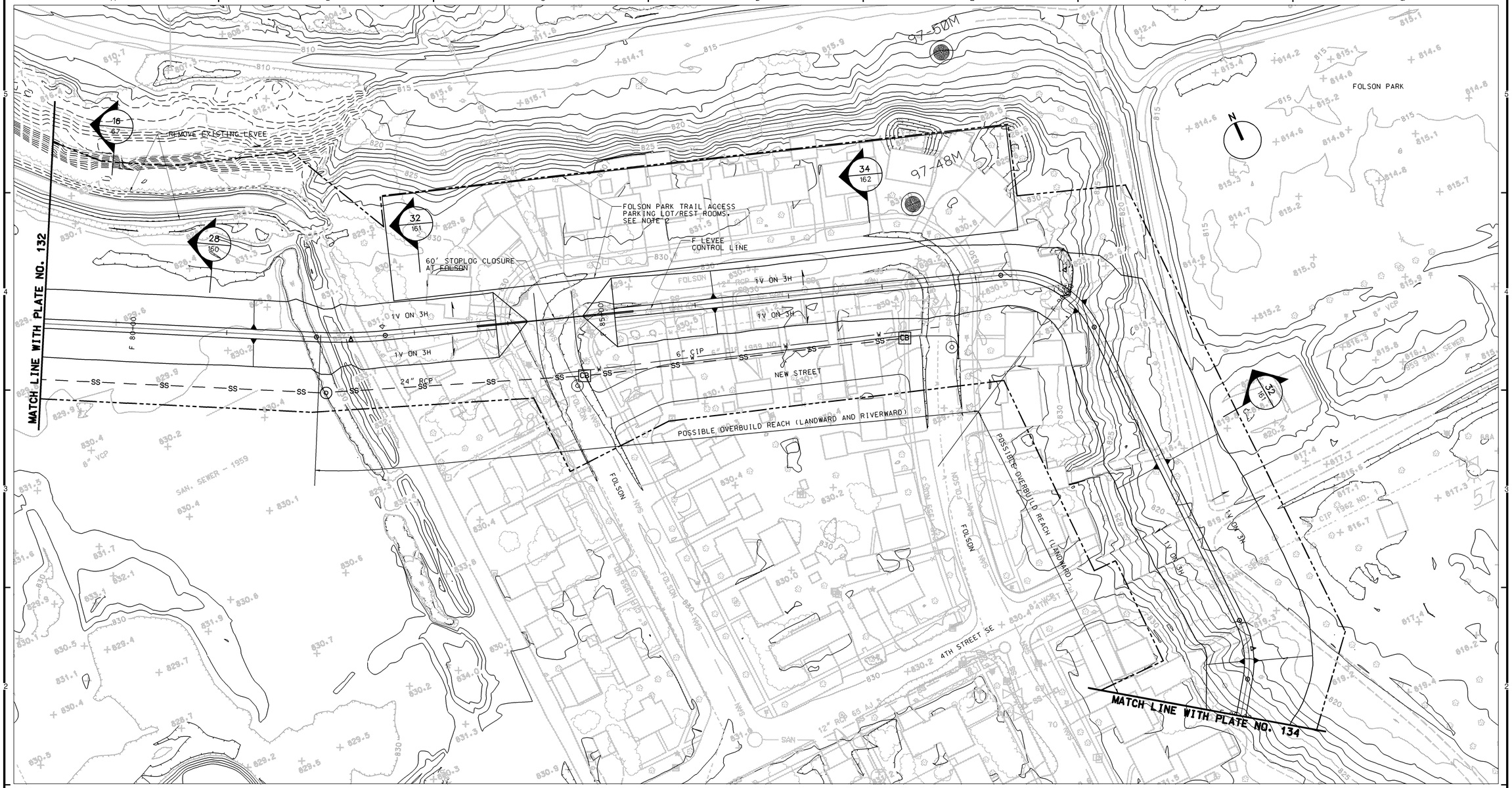
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA F63+00 TO STA F79+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR154.DGN
DRAWING NUMBER: **PLATE NO. 132**
SHT 132 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	149
3.	TYPICAL SECTIONS	160-162

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
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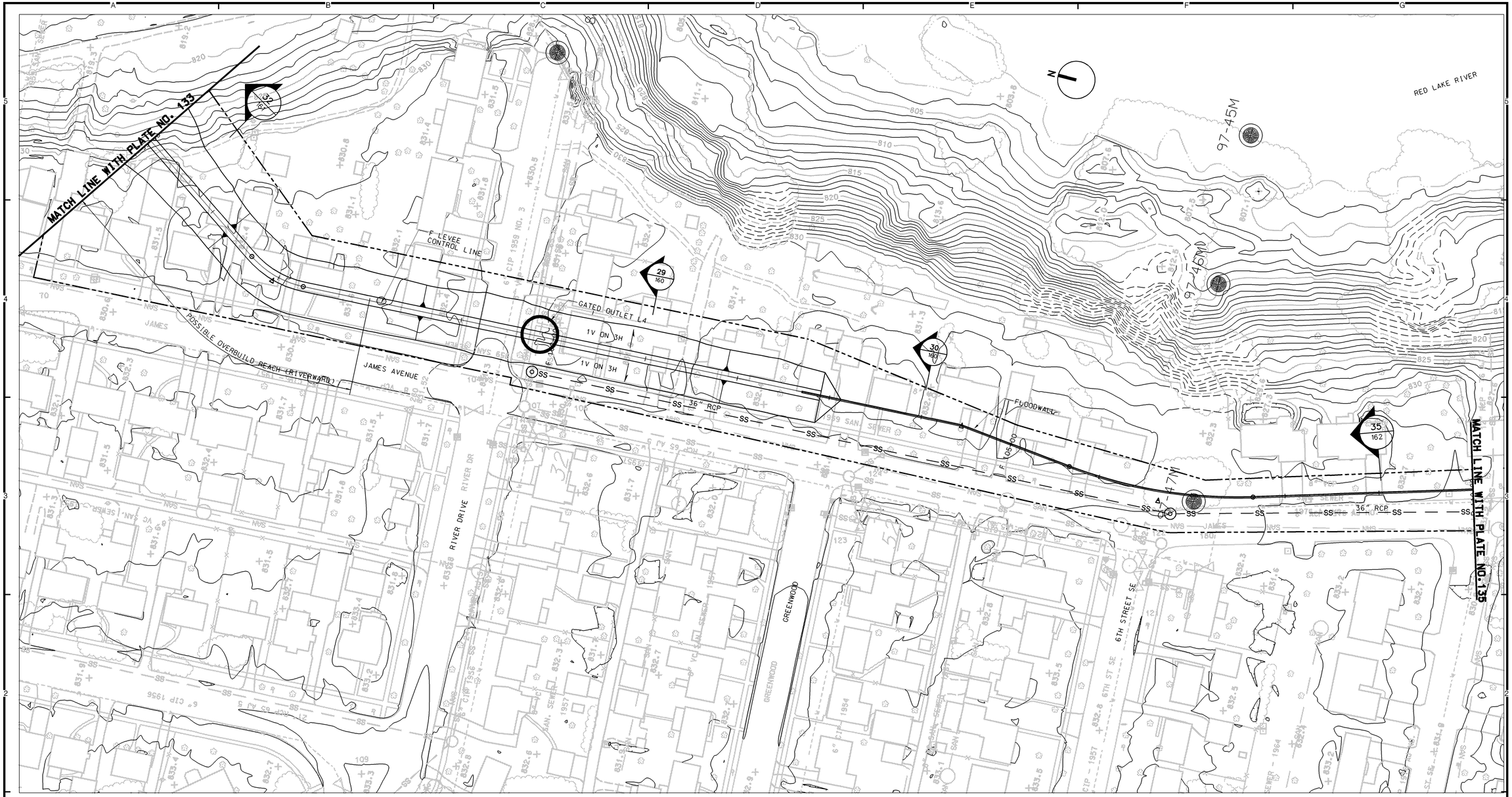
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F79+00 TO STA. F 95+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR155.DGN
DRAWING NUMBER: **PLATE NO. 133**
SHT 133 OF 166
DATE: NOVEMBER 1998
SOL NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	149-150
3.	TYPICAL SECTIONS	160-162

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

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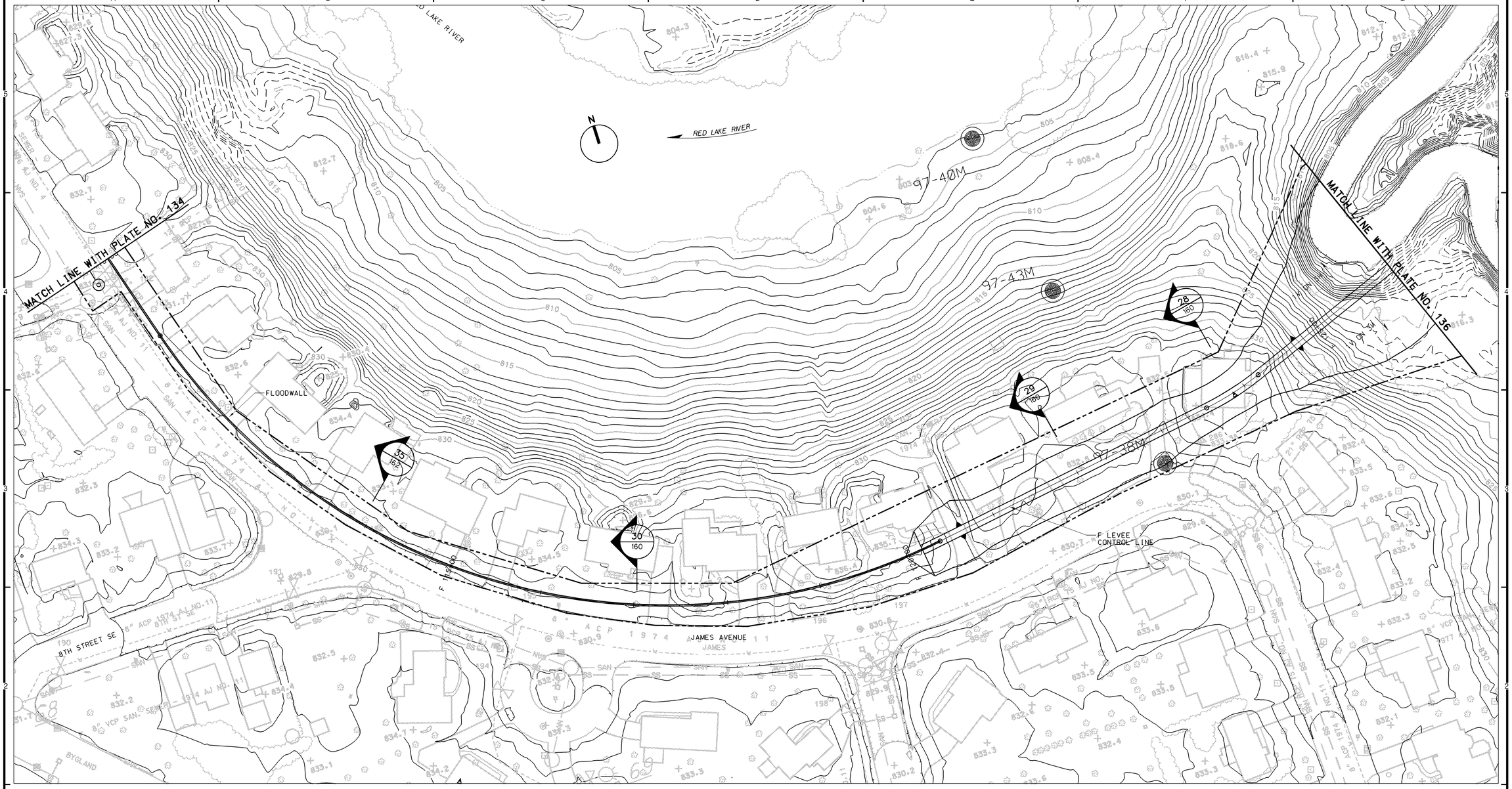
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F95+00 TO STA. F110+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR156.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 134**
SHT 134 OF 166



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	150-151
3.	TYPICAL SECTIONS	160-162

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

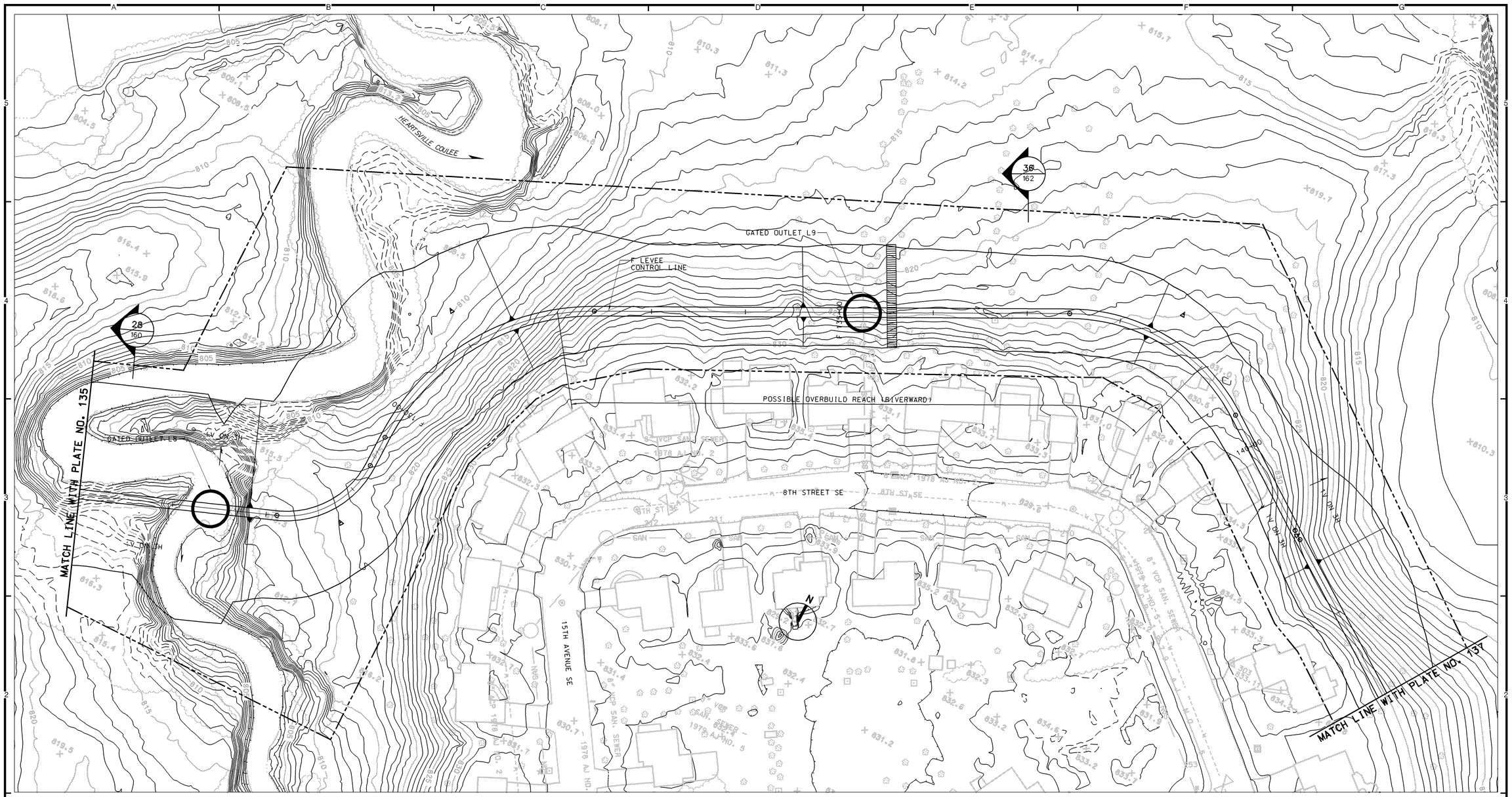
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA F110+00 TO STA F126+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR157.DGN
DRAWING NUMBER: **PLATE NO. 135**
SHT 135 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	151
3.	TYPICAL SECTIONS	160-162

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

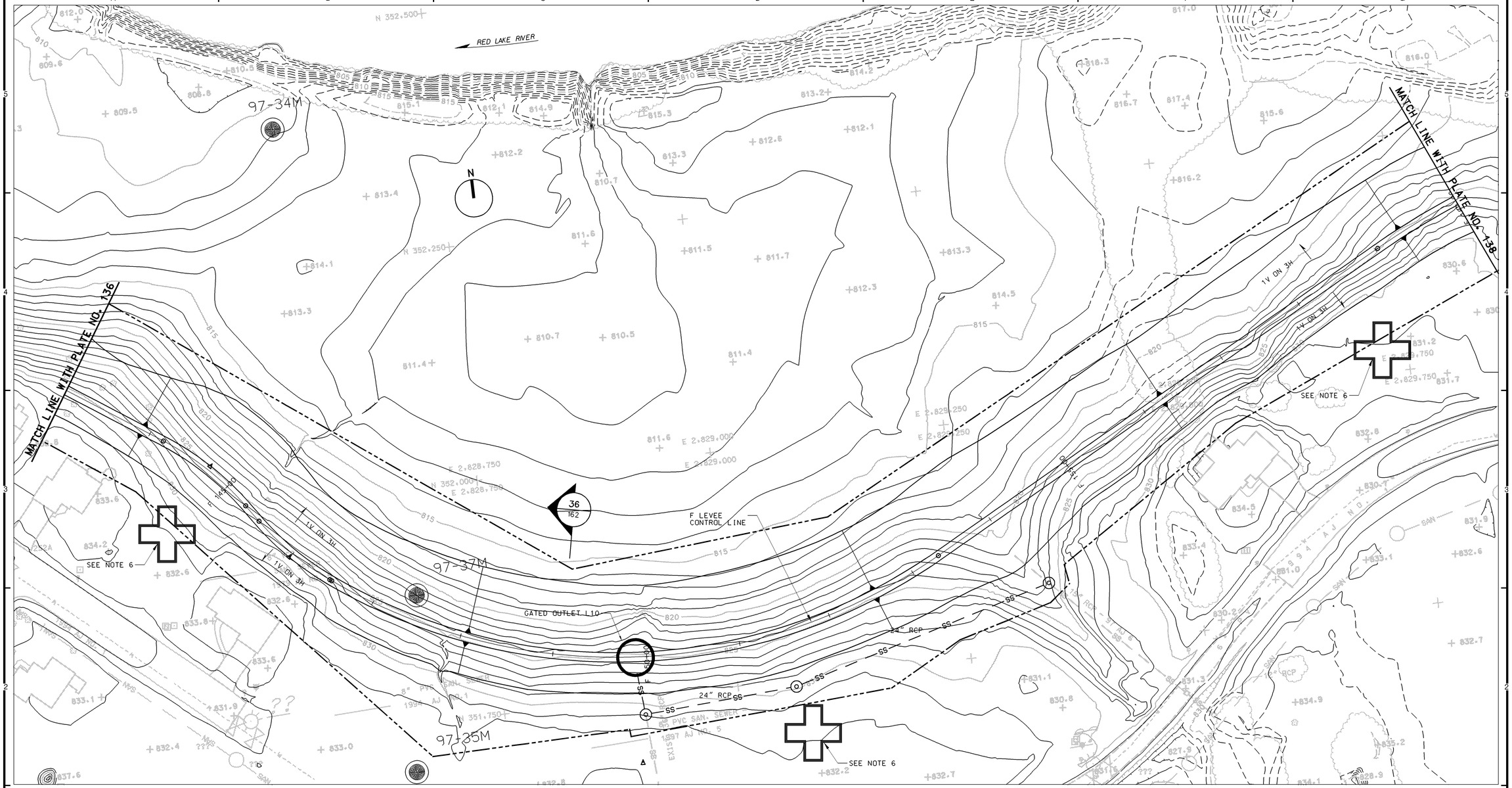
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F126+00 TO STA F143+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

CAD FILE NAME: GFGPR158.DGN
DRAWING NUMBER: **PLATE NO. 136**
SHT 136 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	151-152
3.	TYPICAL SECTIONS	162

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.
6. NEW STRUCTURE BUILT AFTER TOPOGRAPHIC MAPPING WAS PLOTTED. MAPPING WILL BE UPDATED AT A LATER DATE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

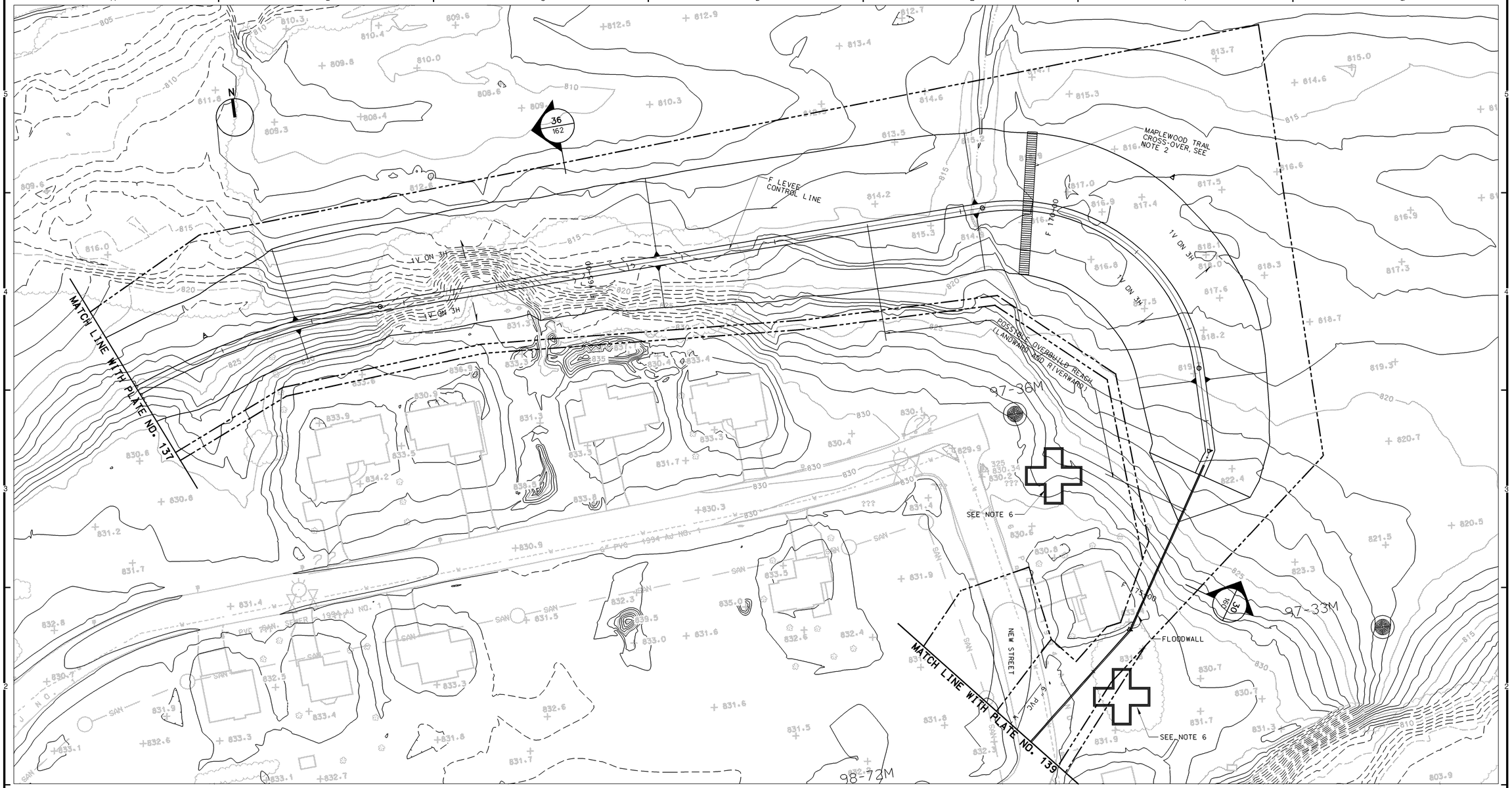
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F143+00 TO STA. F160+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR159.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 137**
SHT 137 OF 166



PLAN

50 0 50 100
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	152
3.	TYPICAL SECTIONS	160-162

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.
6. NEW STRUCTURE BUILT AFTER TOPOGRAPHIC MAPPING WAS PLOTTED. MAPPING WILL BE UPDATED AT A LATER DATE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

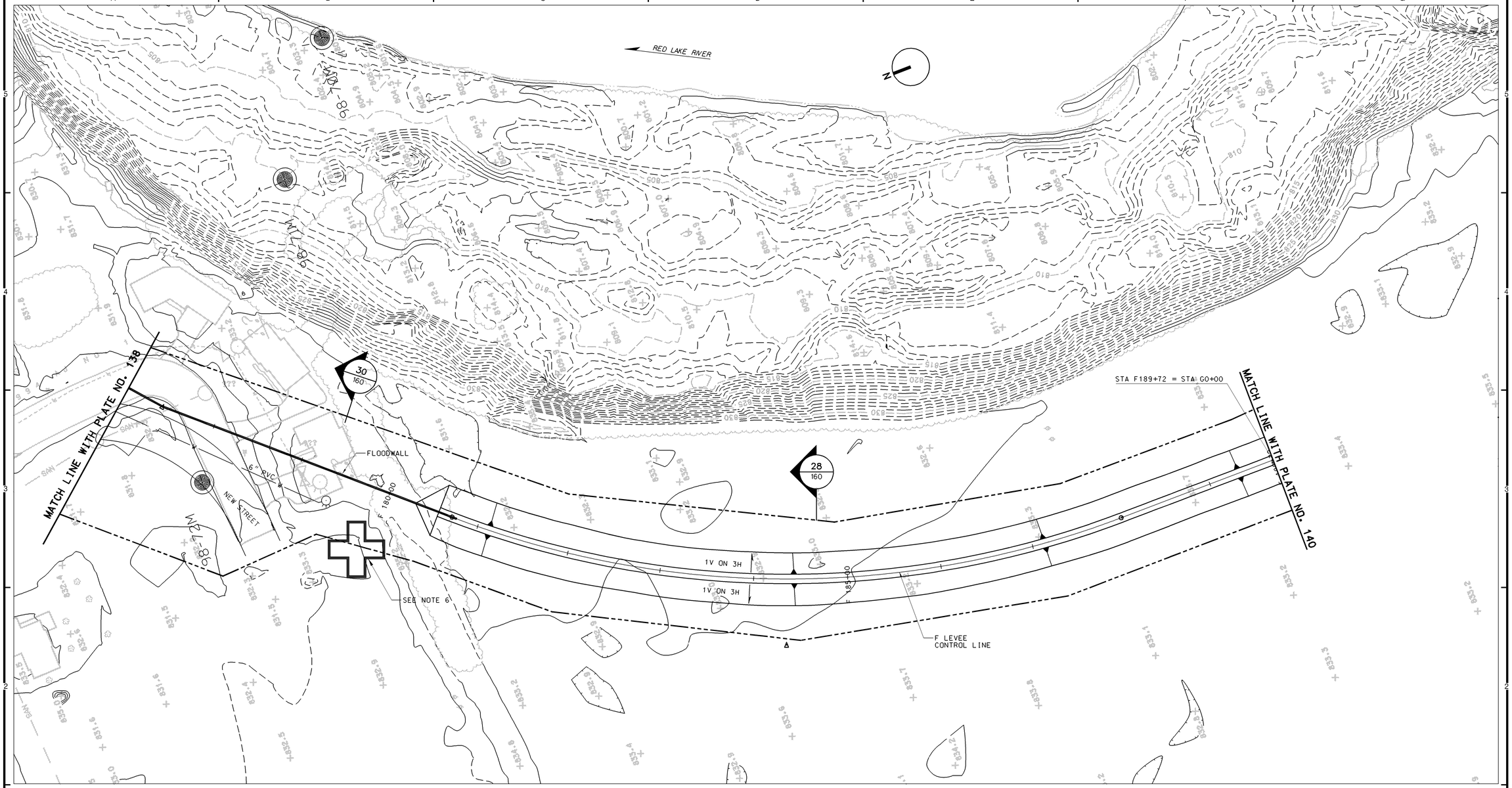
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F160+00 TO STA F177+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR160.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 138**
SHT 138 OF 166



PLAN

50 0 50 100

SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	153
3.	TYPICAL SECTIONS	160

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.
6. NEW STRUCTURE BUILT AFTER TOPOGRAPHIC MAPPING WAS PLOTTED. MAPPING WILL BE UPDATED AT A LATER DATE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. F177+00 TO STA. F189+72

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

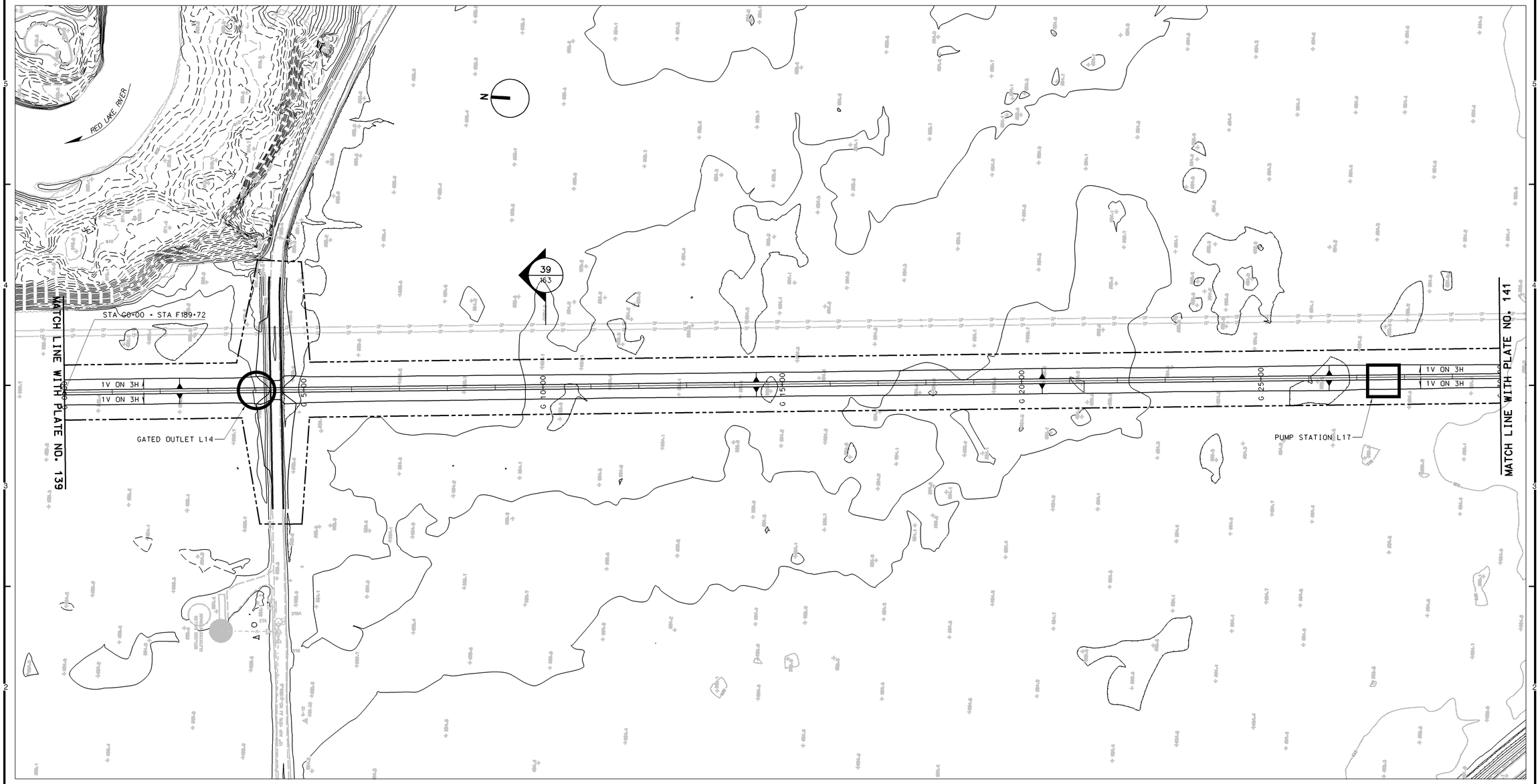
DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR161.DGN

SOL. NO:

DRAWING NUMBER: PLATE NO. 139

SHT 139 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	154
3.	TYPICAL SECTIONS	163

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

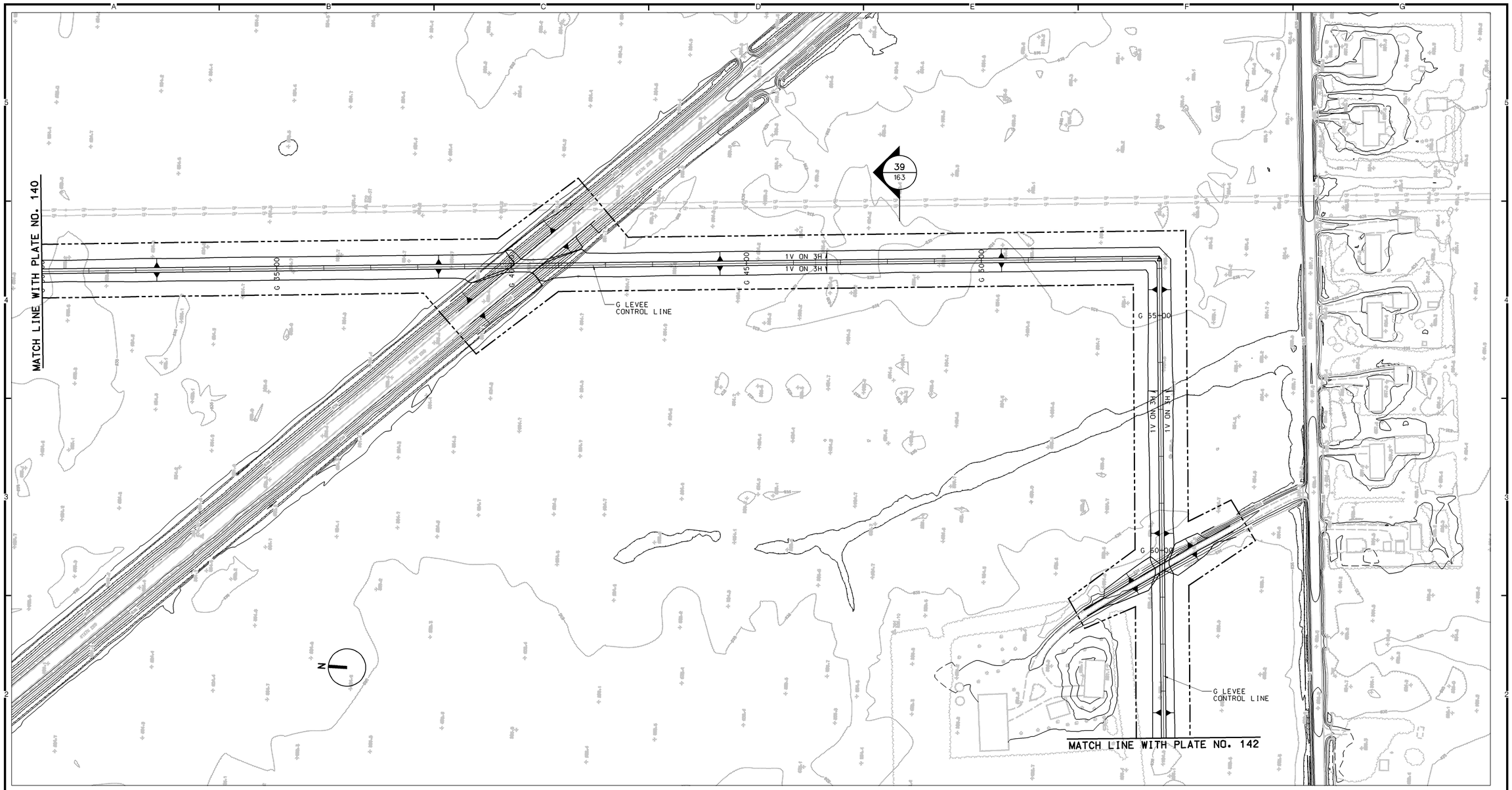
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. G0+00 TO STA. G30+00

PE-O	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR162.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 140**
SHT 140 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	154-155
3. TYPICAL SECTIONS	163

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

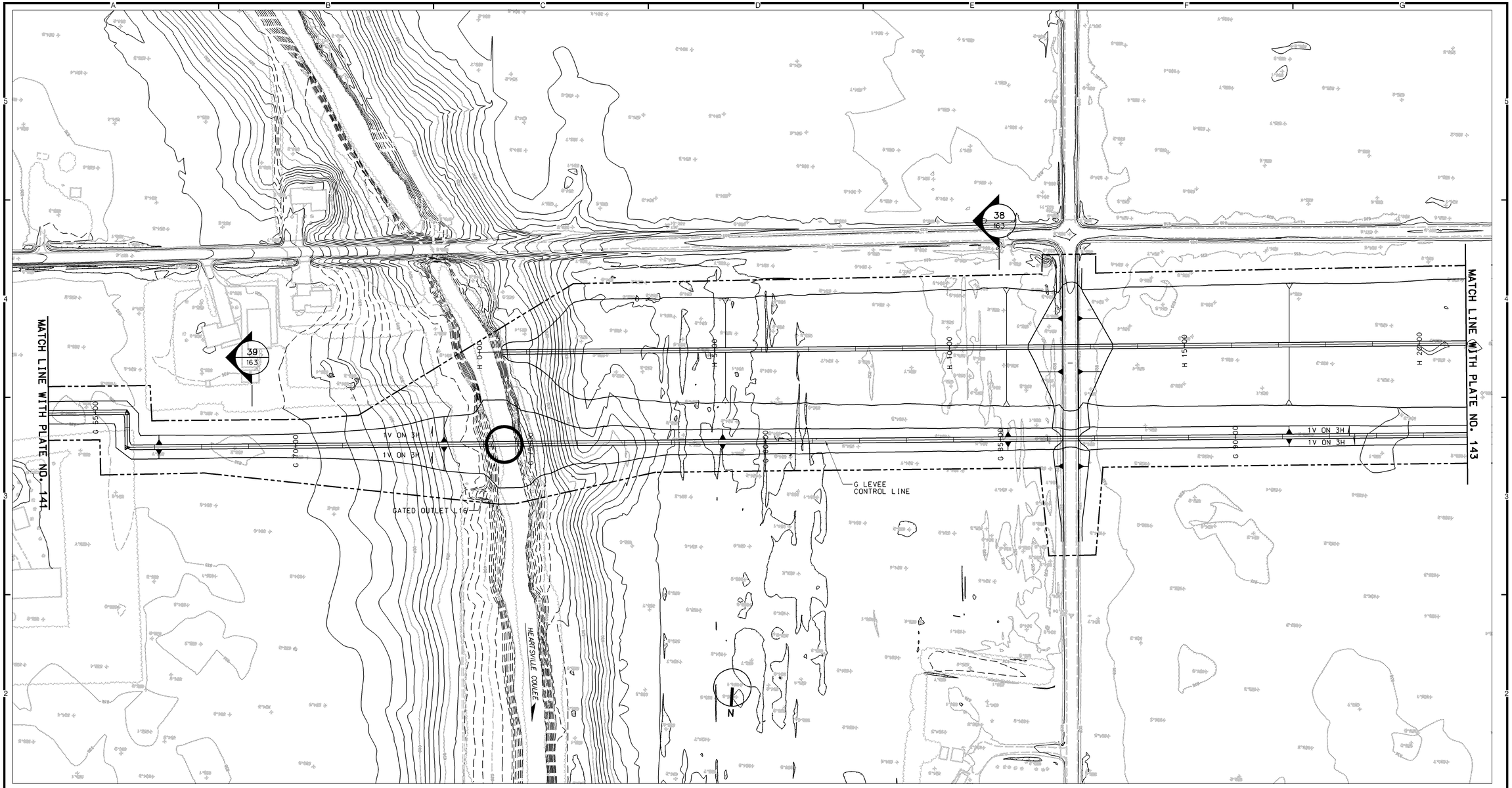
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. G30+00 TO STA. G64+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR163.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 141**
SHT 141 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	155
3.	TYPICAL SECTIONS	163

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

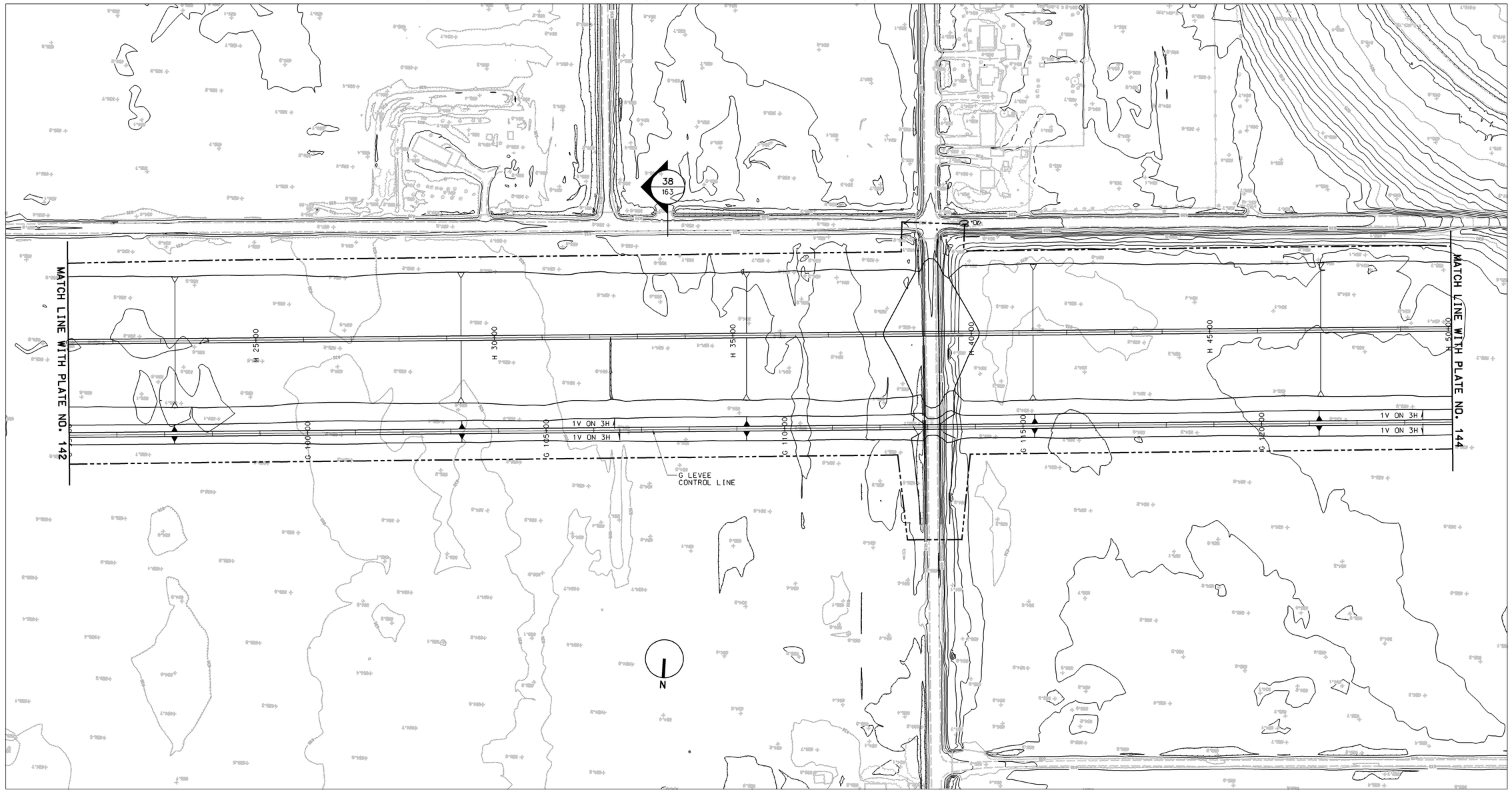
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. G64+00 TO STA. G95+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR164.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 142**
SHT 142 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	155-156
3. TYPICAL SECTIONS	163

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

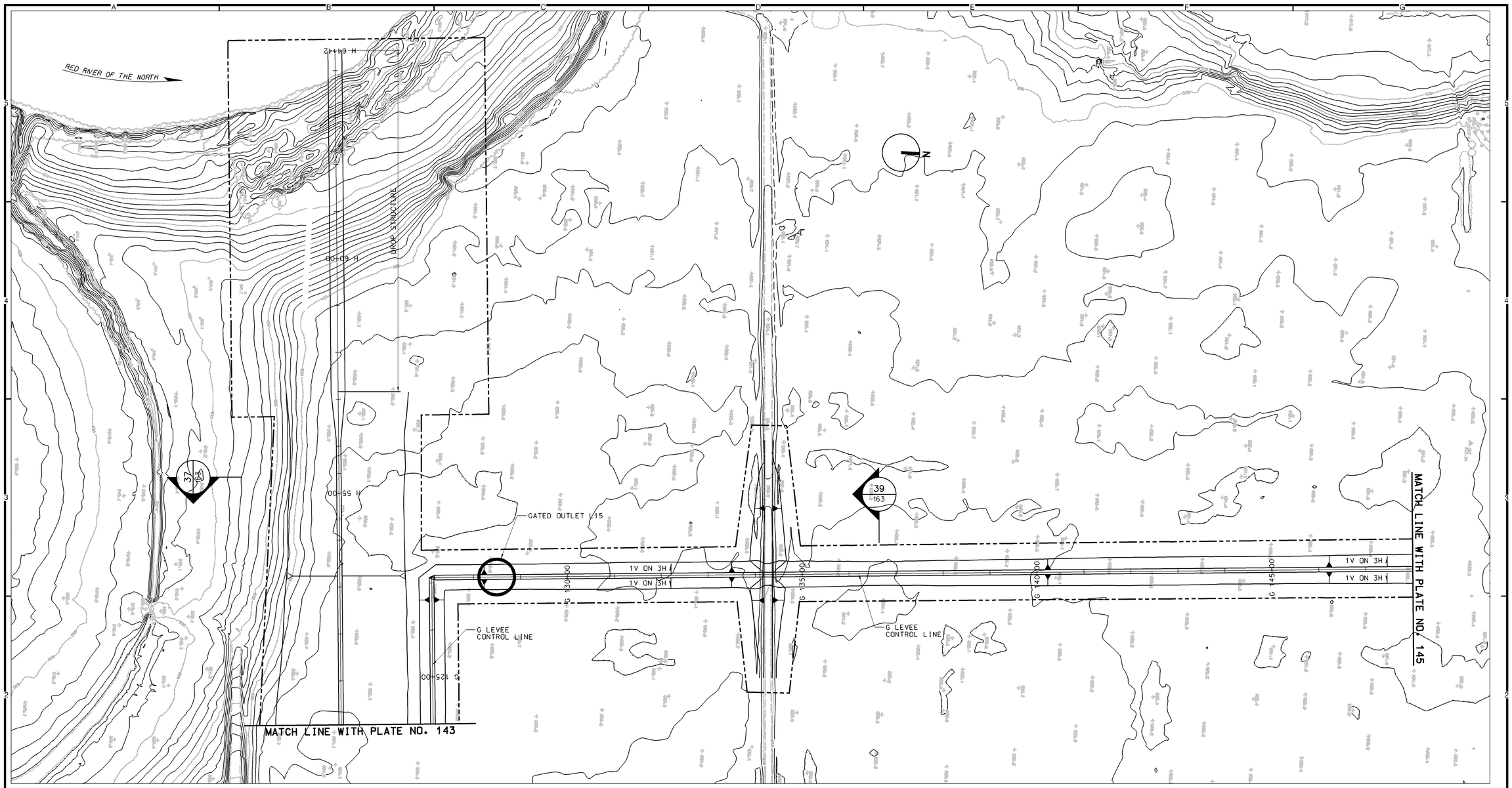
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. G95+00 TO STA. G124+00

PE-D DESIGNED: DPF/CWB
CHECKED: CAA/MSM
DRAWN: DPF/LKT
PE-H DESIGNED: MDL/JWM
CHECKED: MDL

CAD FILE NAME: GFGPR165.DGN
DRAWING NUMBER: PLATE NO. 143
SHT 143 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

		PLATE NO.
1.	GENERAL LEGEND	2
2.	PROFILE	156
3.	TYPICAL SECTIONS	163

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS. SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS. SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS. SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS. SEE APPENDIXES A. H. AND I.
5. FOR DROP STRUCTURE DETAILS. SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND

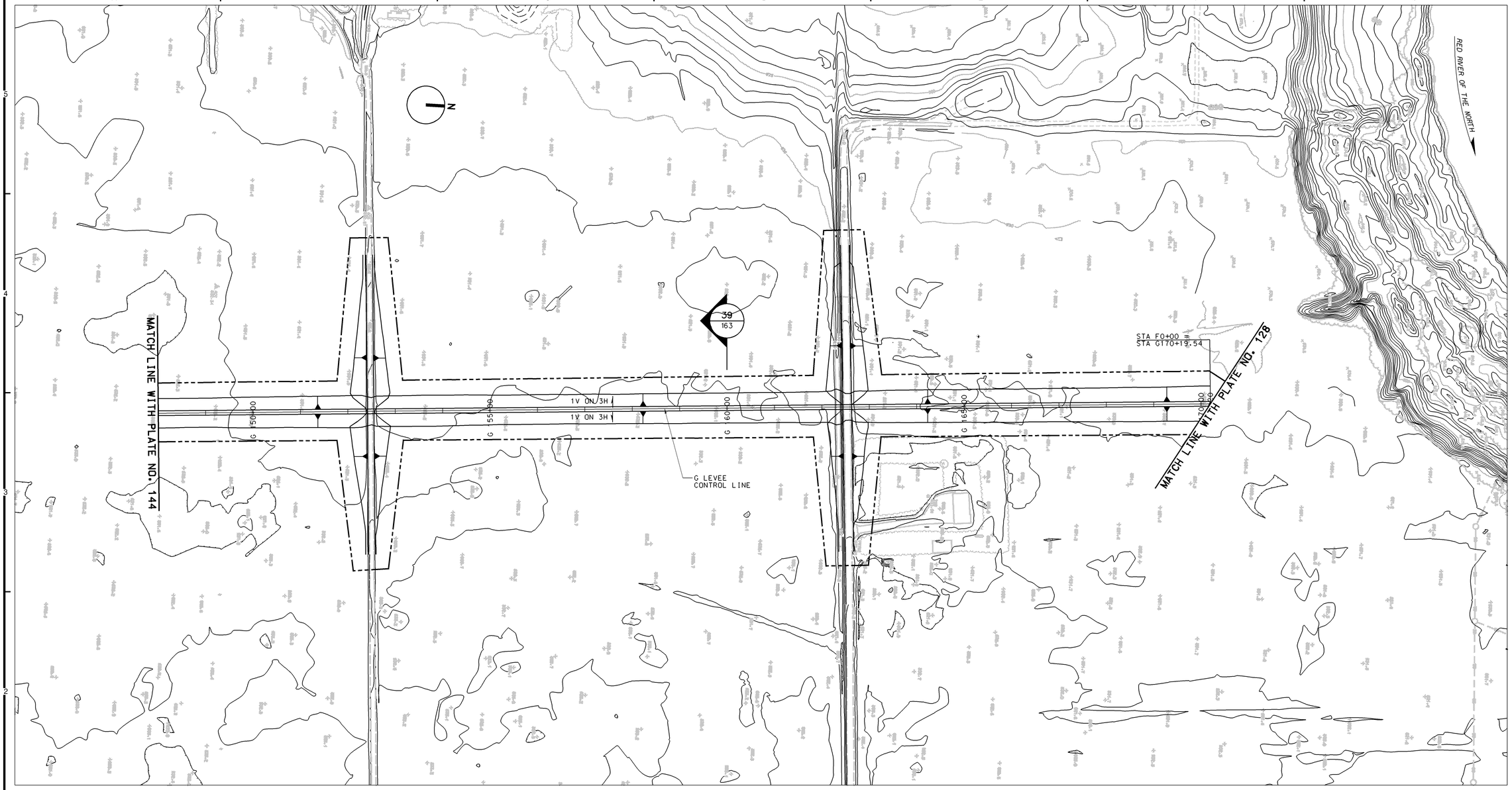
FLOOD CONTROL

EAST GRAND FORKS - THE POINT
PLAN - STA. G124+00 TO STA. G148+00

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998

CAD FILE NAME: GFGPR166.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 144**
SHT 144 OF 166



PLAN

100 0 100 200
SCALE IN FEET

REFERENCES:

	PLATE NO.
1. GENERAL LEGEND	2
2. PROFILE	156-157
3. TYPICAL SECTIONS	163

NOTES:

1. FOR TYPICAL OVERBUILD LEVEE SECTIONS, SEE APPENDIX G.
2. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.
3. FOR GRAVITY OUTLET DETAILS, SEE APPENDIXES A AND I.
4. FOR PUMP STATION DETAILS, SEE APPENDIXES A, H, AND I.
5. FOR DROP STRUCTURE DETAILS, SEE APPENDIXES A AND I.

SYMBOL	DESCRIPTION	DATE	APPROVAL

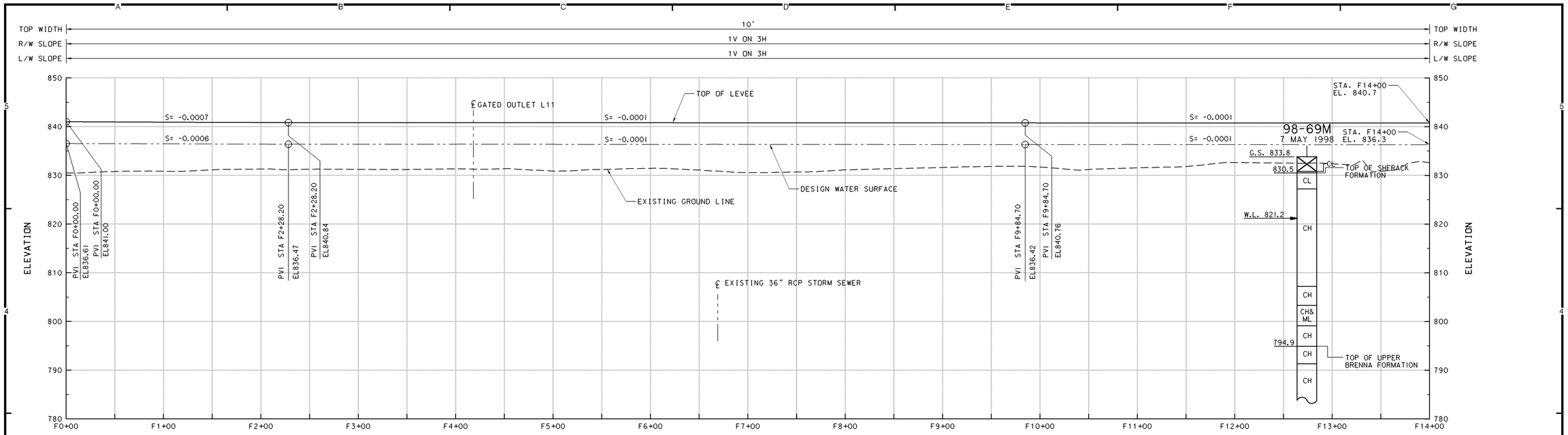
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

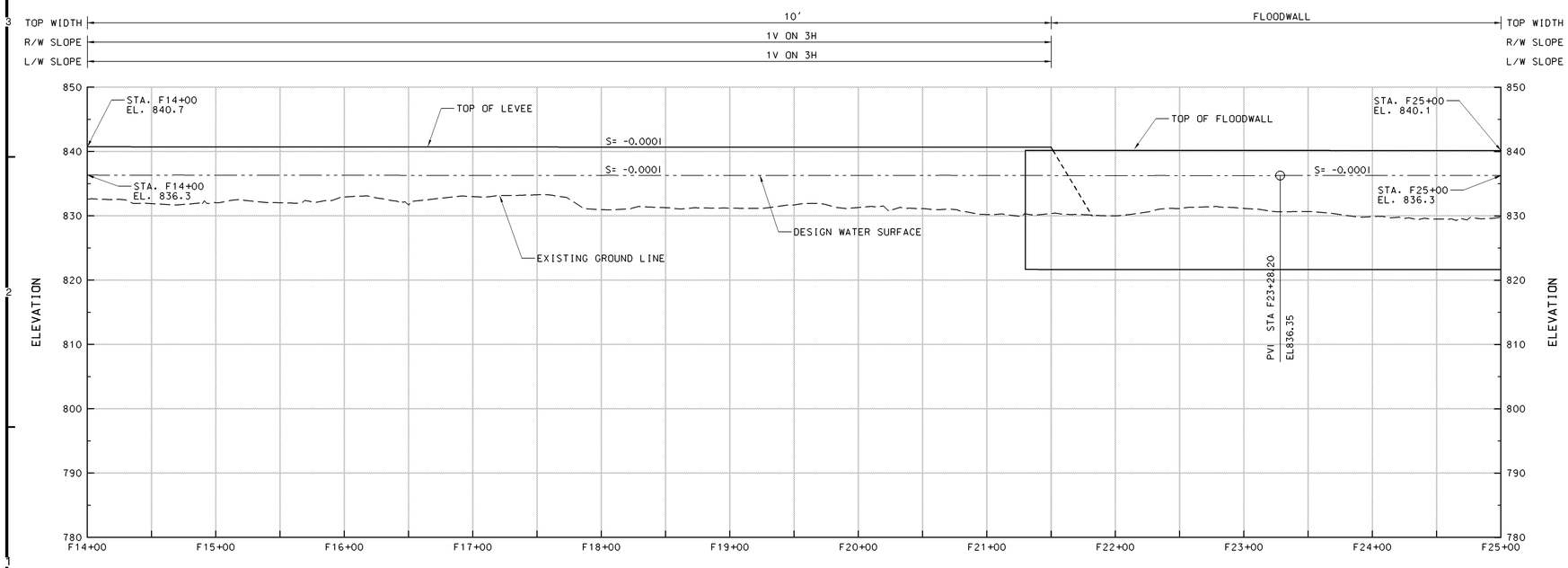
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PLAN - STA. G148+00 TO STA. G170+19.54

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MDL/JWM
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR167.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 145
SHT 145 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

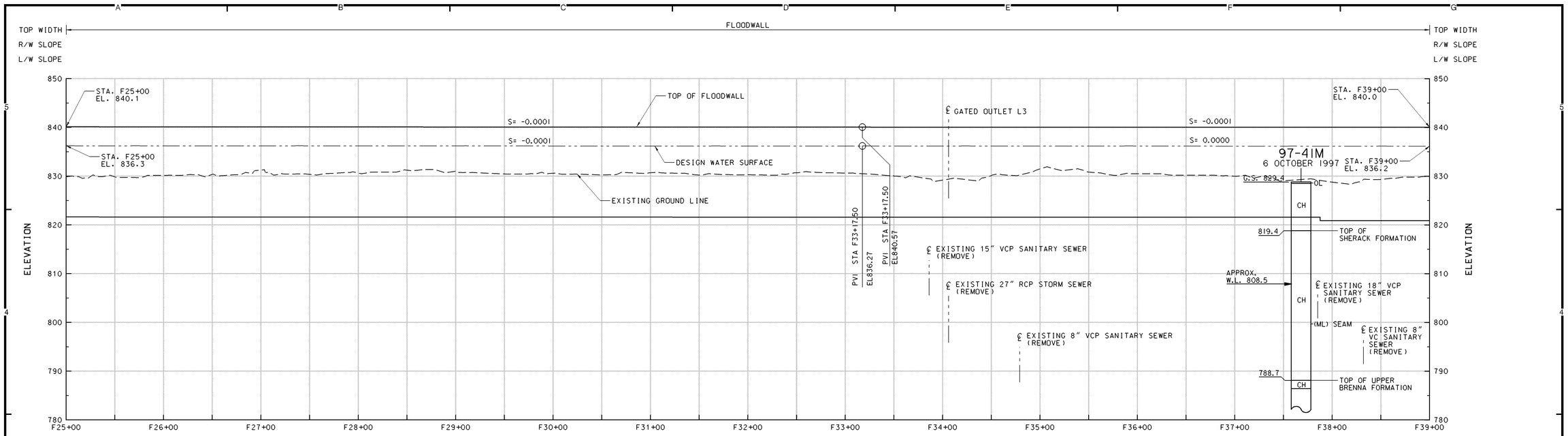
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

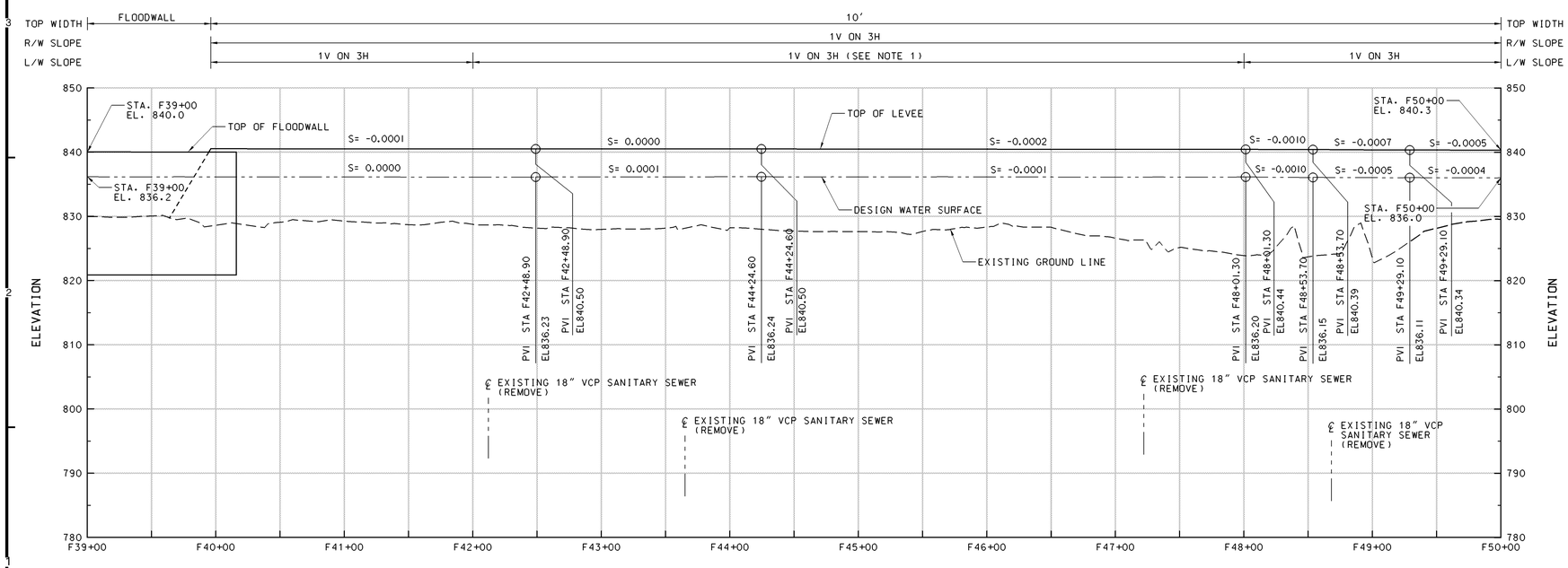
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F0+00 TO STA F25+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR150.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 146
SHT 146 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

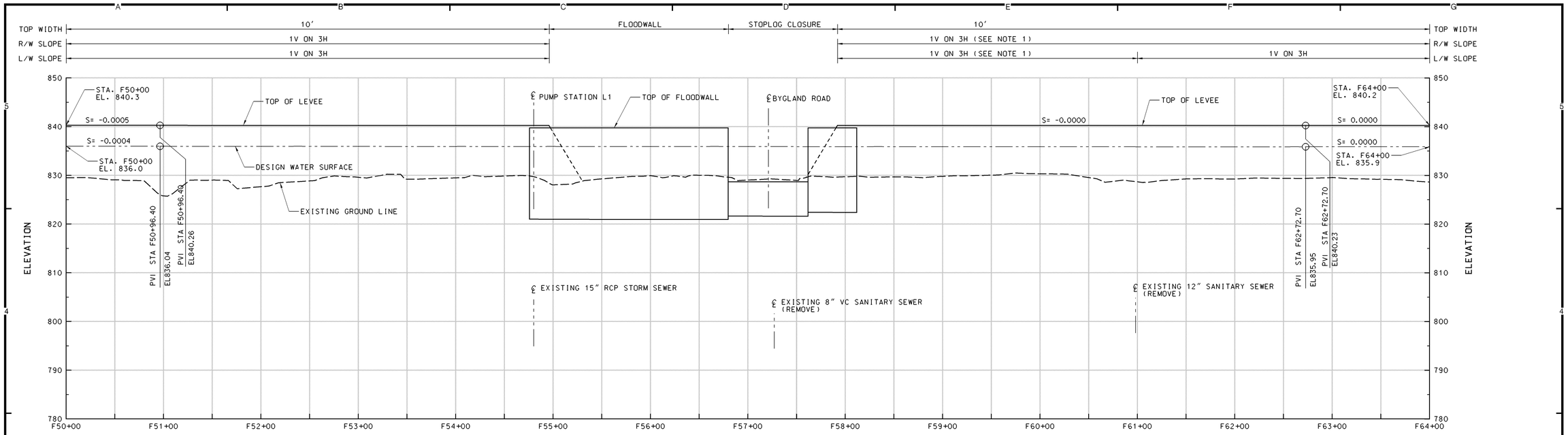
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

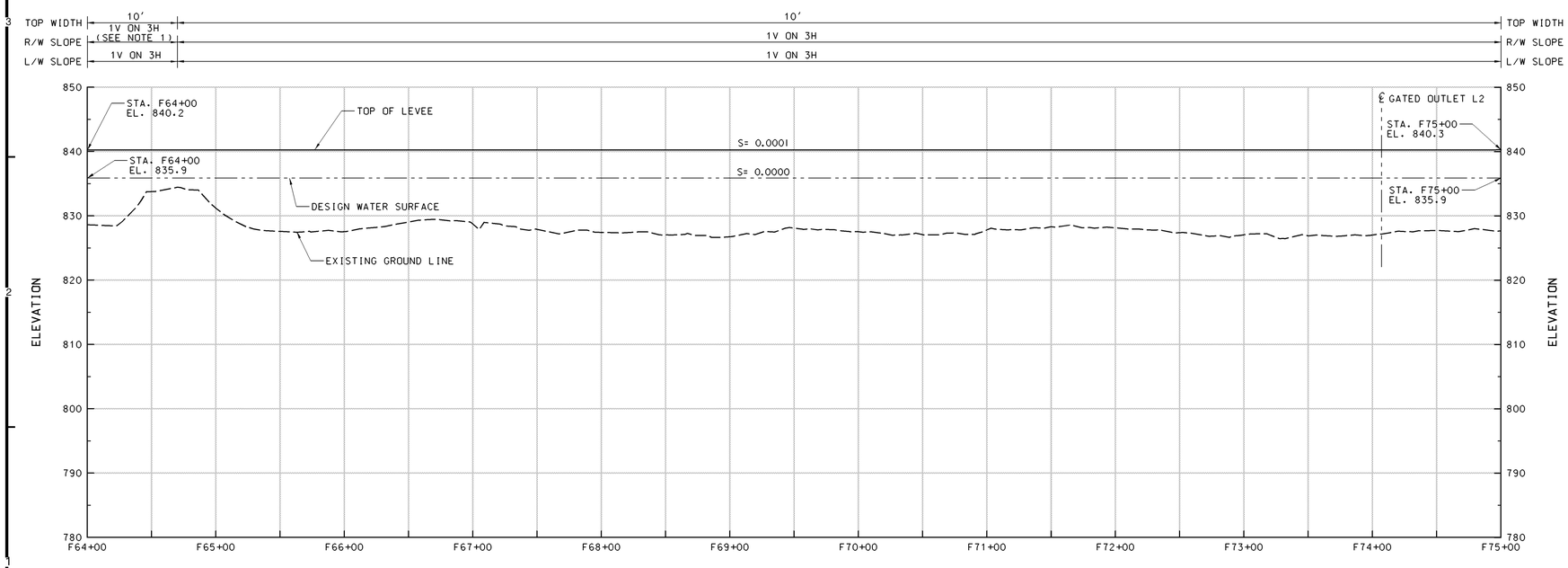
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F25+00 TO STA F50+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR151.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 147**
SHT 147 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F50+00 TO STA F75+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

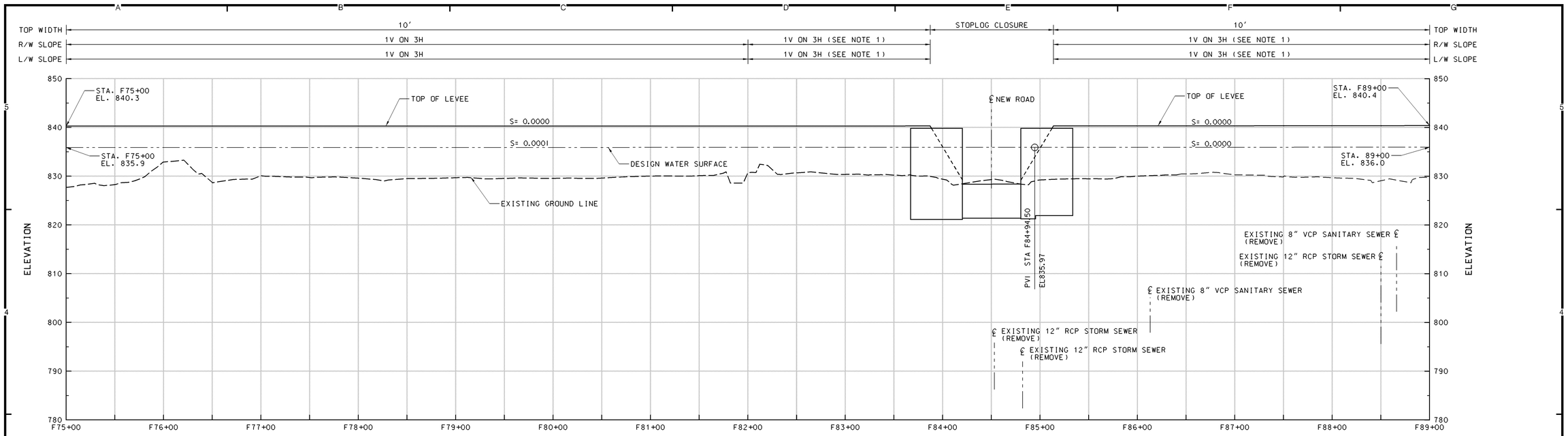
DATE: NOVEMBER 1998

CAD FILE NAME: GFGFR152.DGN

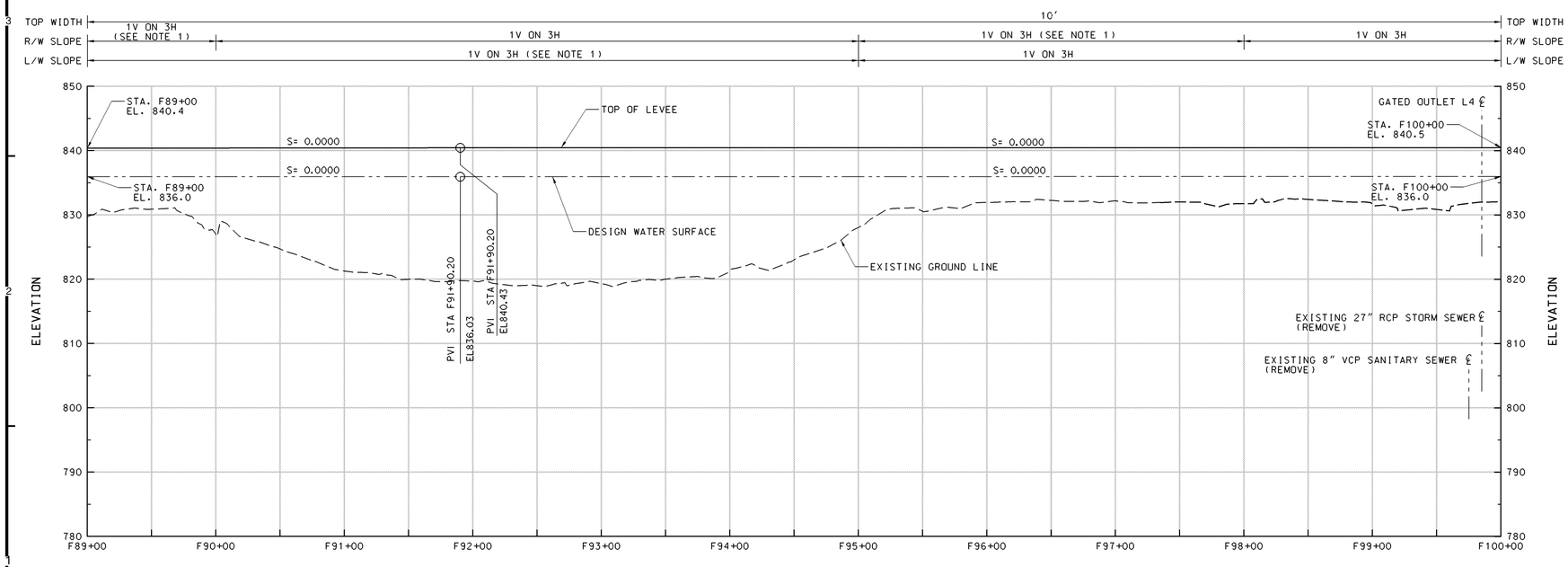
DRAWING NUMBER: **PLATE NO. 148**

SHT 148 OF 166

SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

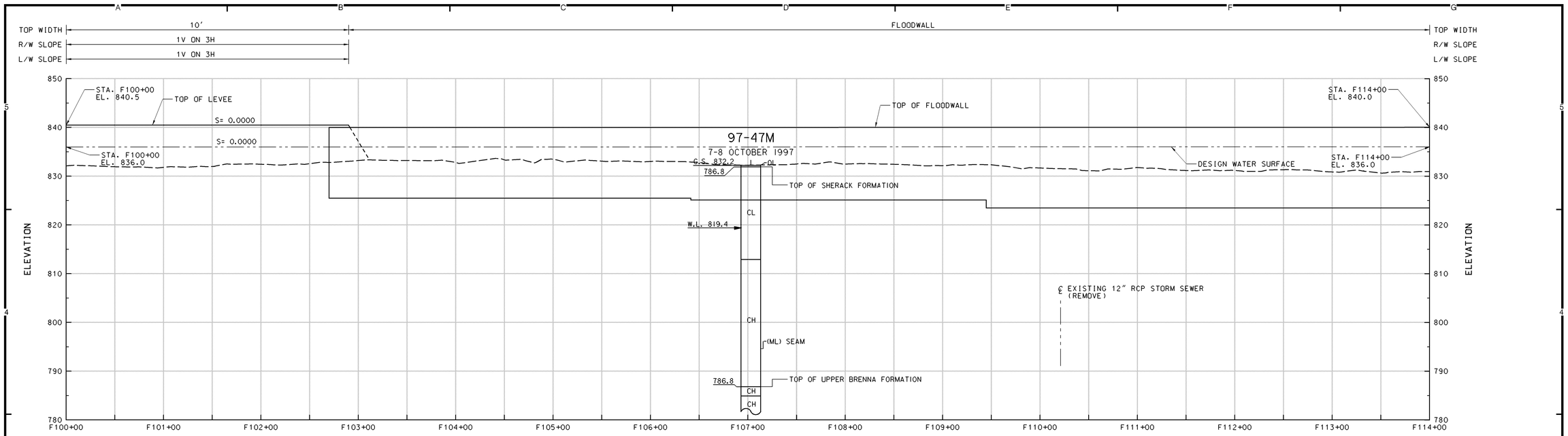
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

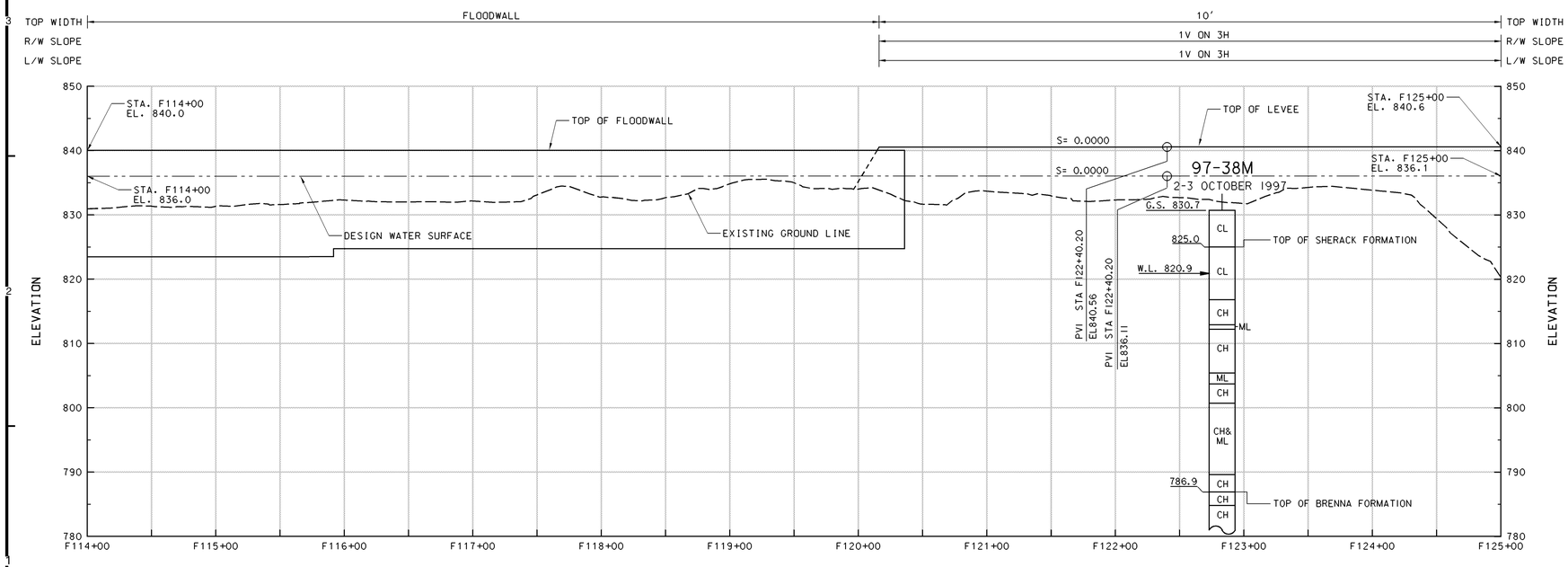
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F75+00 TO STA F100+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR153.DGN
DRAWING NUMBER: PLATE NO. 149
SHT 149 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

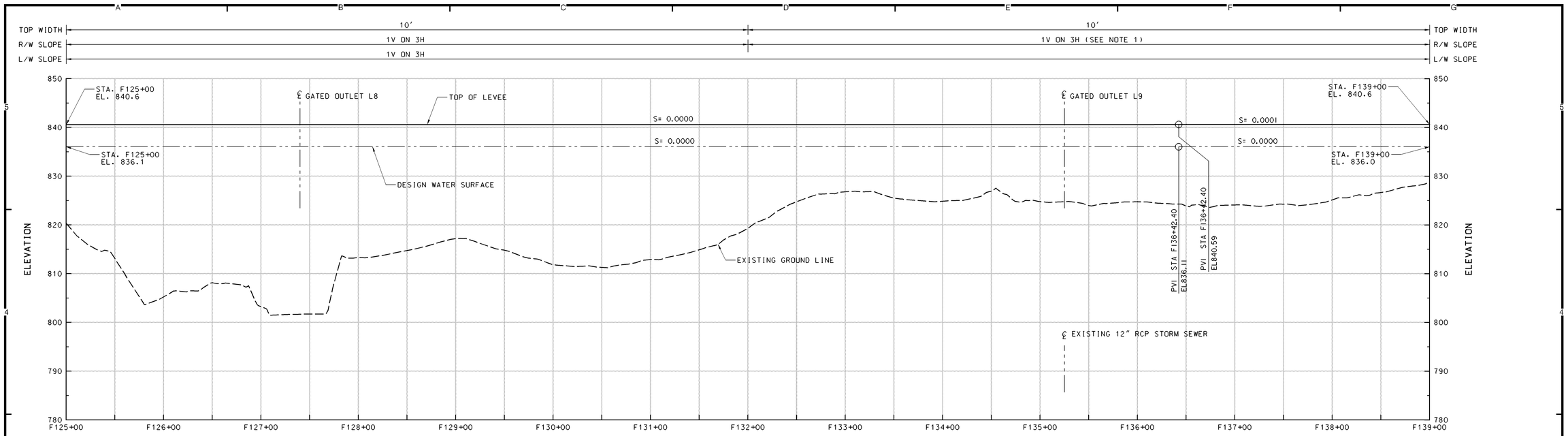
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

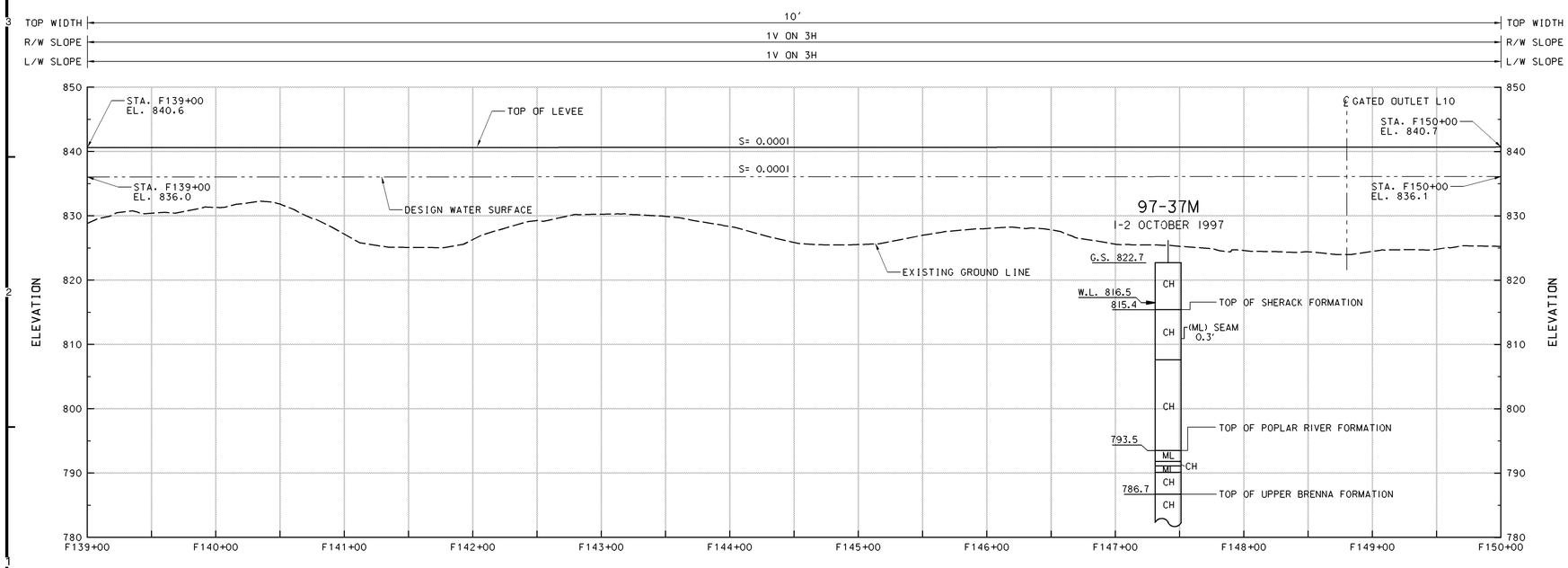
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F100+00 TO STA F125+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

CAD FILE NAME: GFGFR154.DGN
DRAWING NUMBER: **PLATE NO. 150**
SHT 150 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

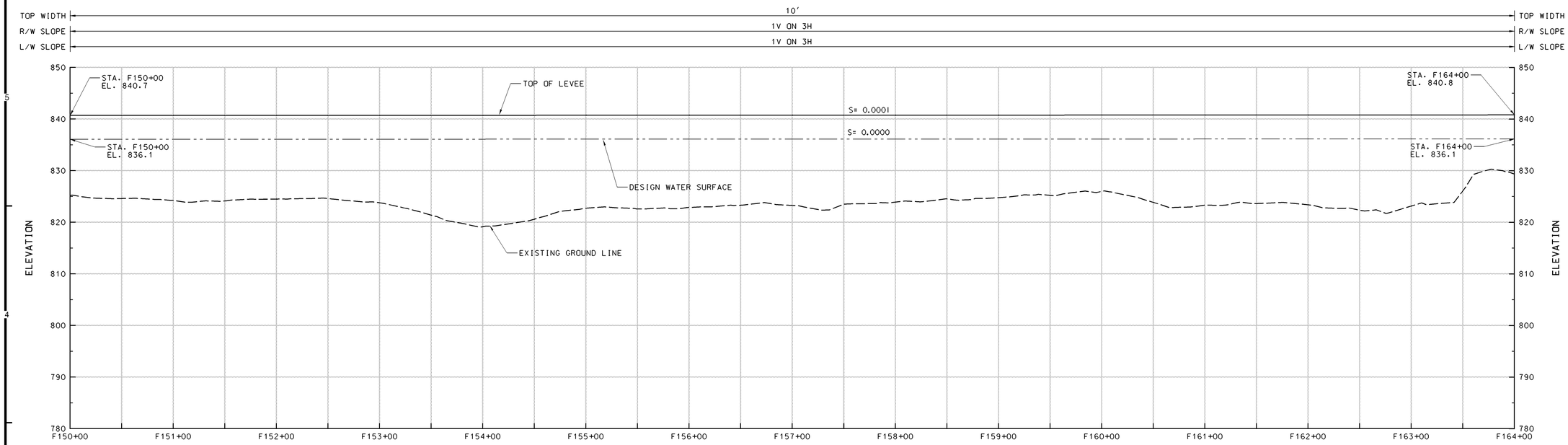
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

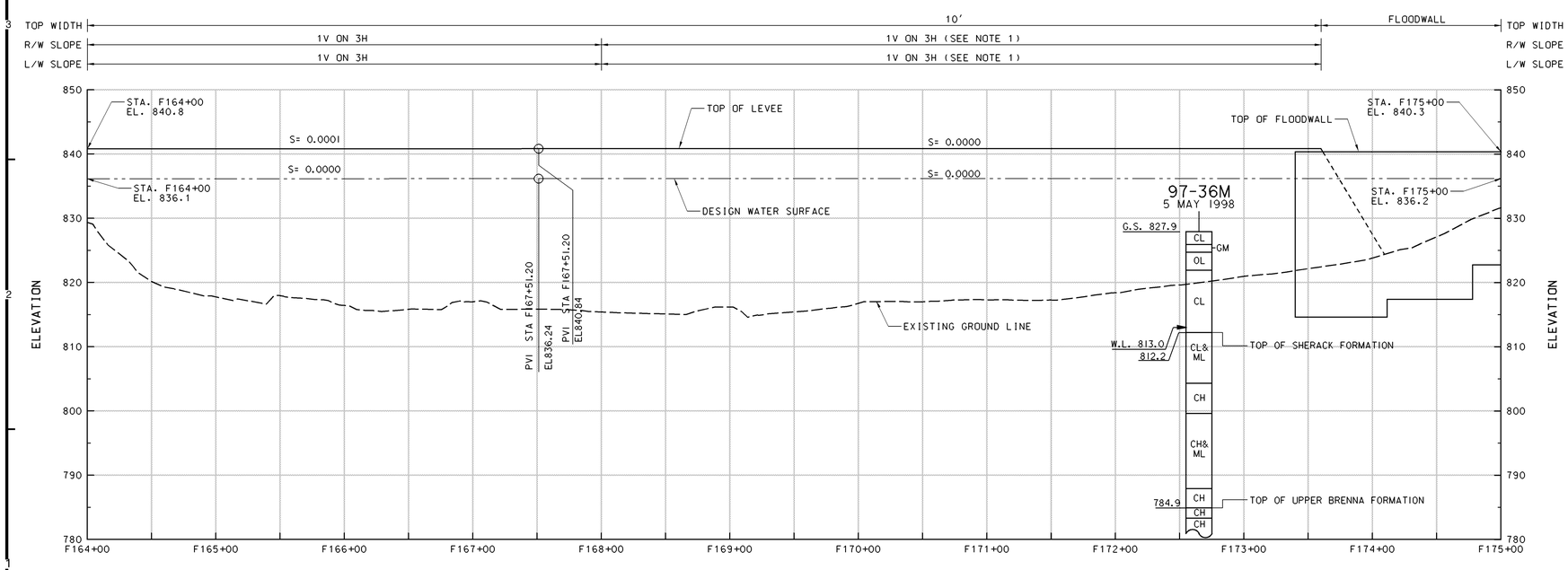
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F125+00 TO STA F150+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGFR155.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 151
SHT 151 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

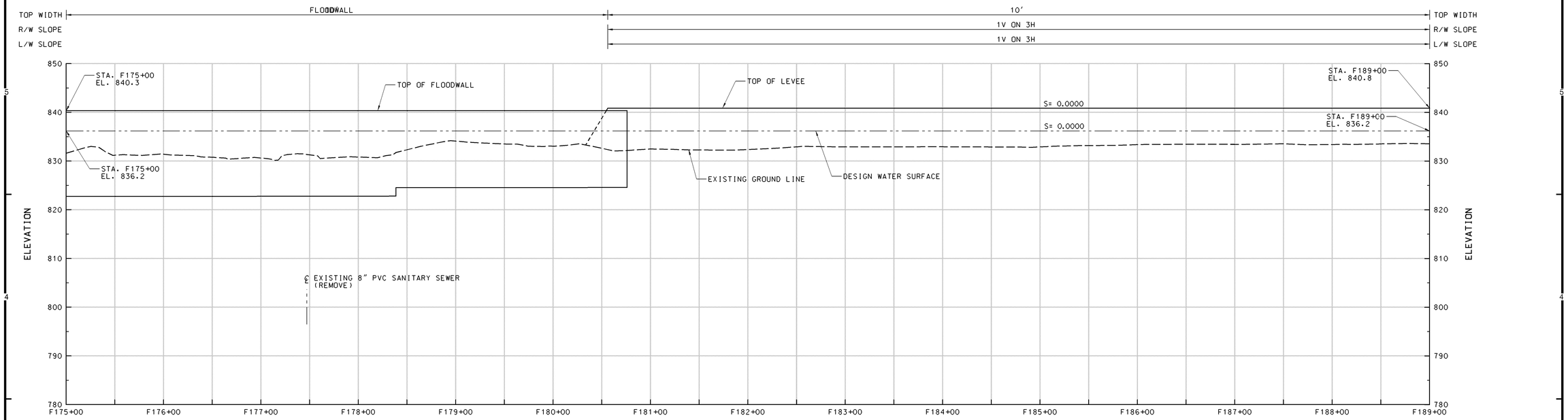
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F150+00 TO STA F175+00

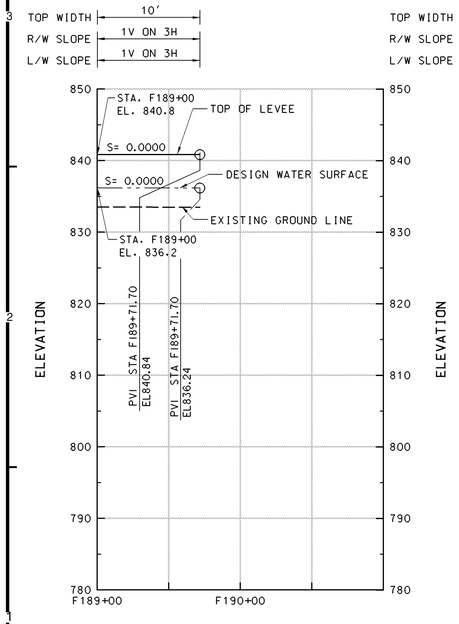
PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998

CAD FILE NAME: GFGFR156.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 152**
SHT 152 OF 166



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

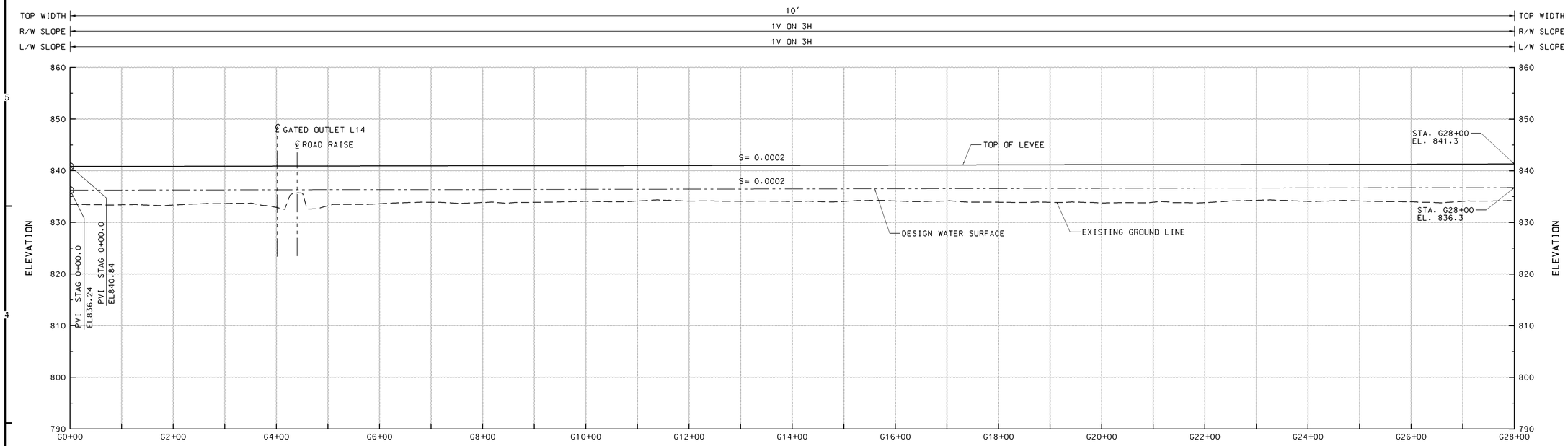
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

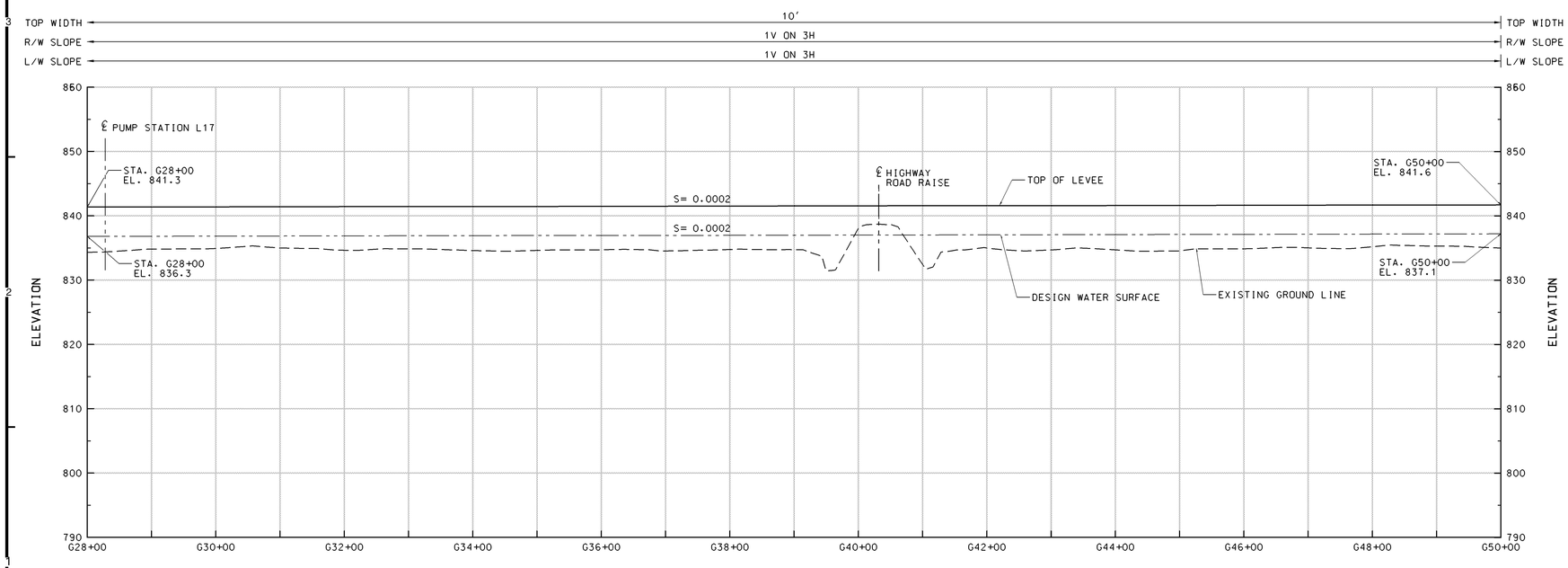
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA F175+00 TO STA F189+72

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

CAD FILE NAME: GFGFR157.DGN
DRAWING NUMBER: **PLATE NO. 153**
SHT 153 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

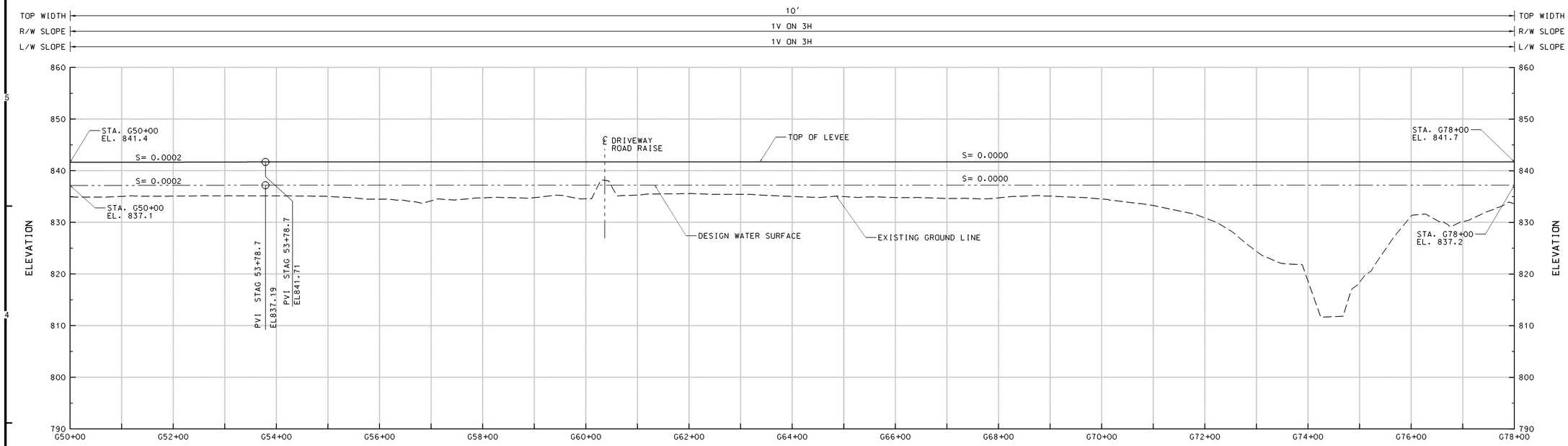
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

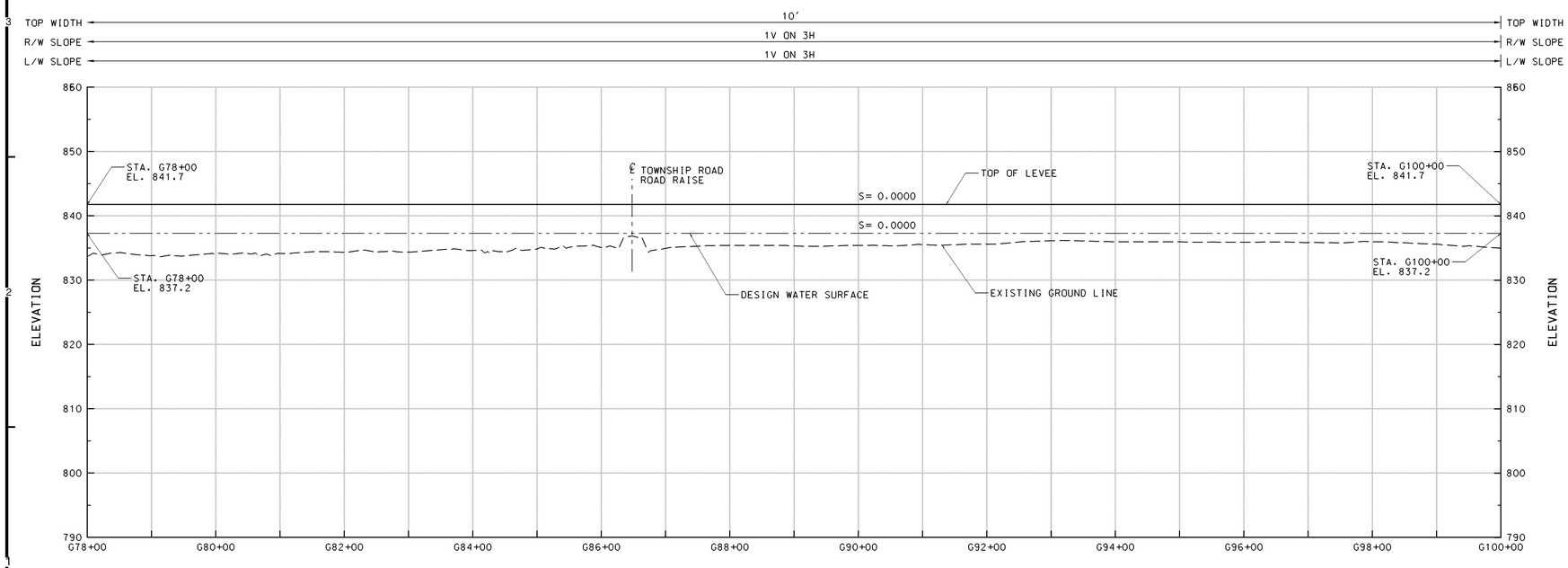
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA G0+00 TO STA G50+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR158.DGN
DRAWING NUMBER: **PLATE NO. 154**
SHT 154 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

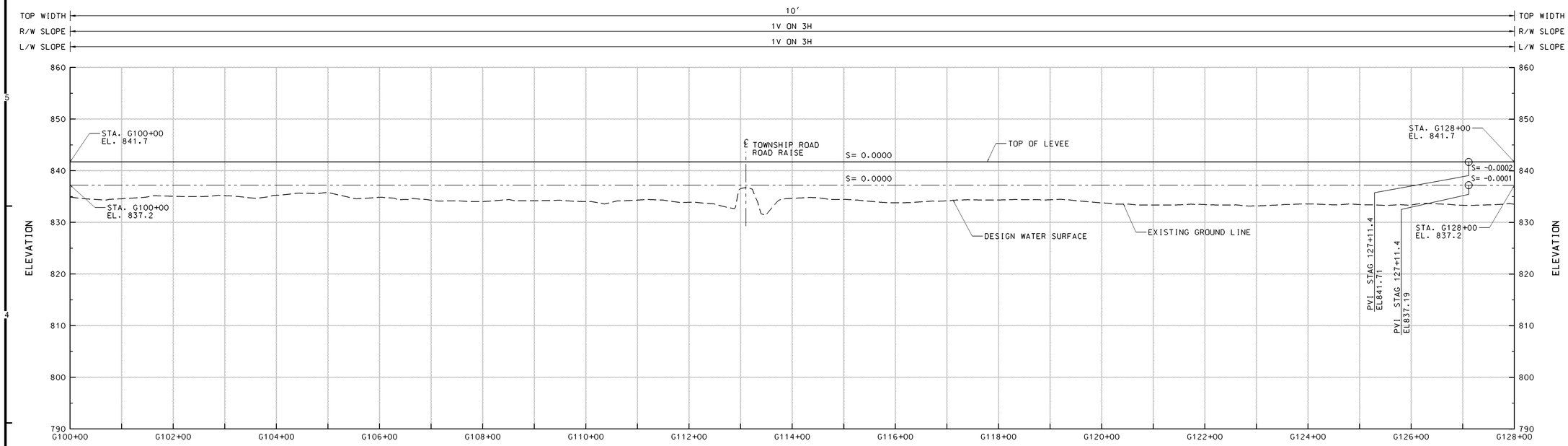
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

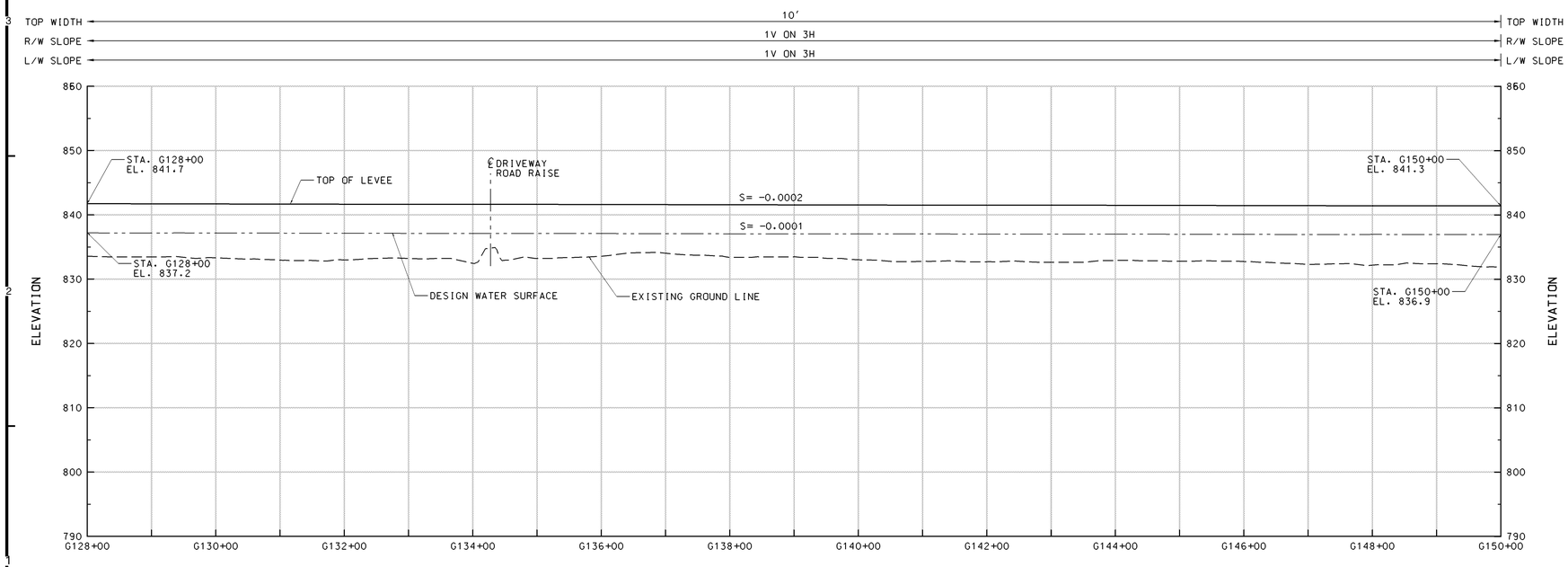
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA G50+00 TO STA G100+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR159.DGN
DRAWING NUMBER: **PLATE NO. 155**
SHT 155 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

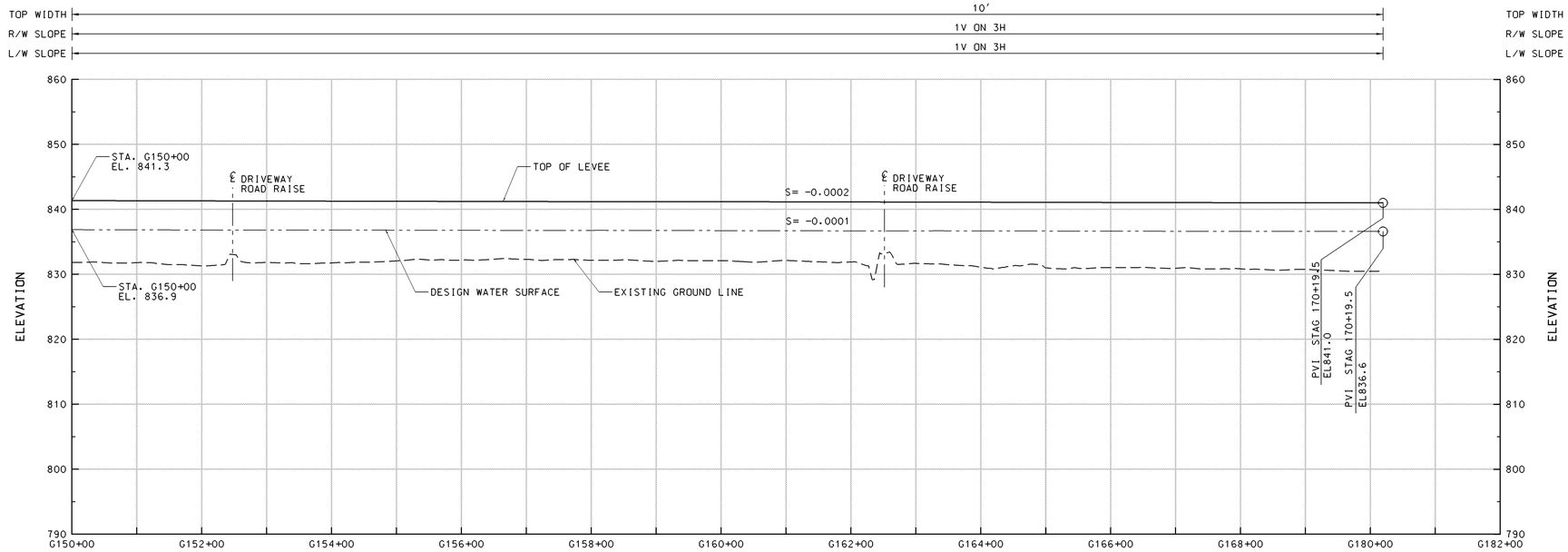
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA G100+00 TO STA G150+00

PE-D: DESIGNED: CAA/CWB; CHECKED: RGB/MSM; DRAWN: CAA/DPF
PE-H: DESIGNED: MDL; CHECKED: MDL

CAD FILE NAME: GFGFR160.DGN
DRAWING NUMBER: **PLATE NO. 156**
SHT 156 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE

NOTES:

1. POSSIBLE OVERBUILD REACH.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA G150+00 TO STA G170+19.5

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

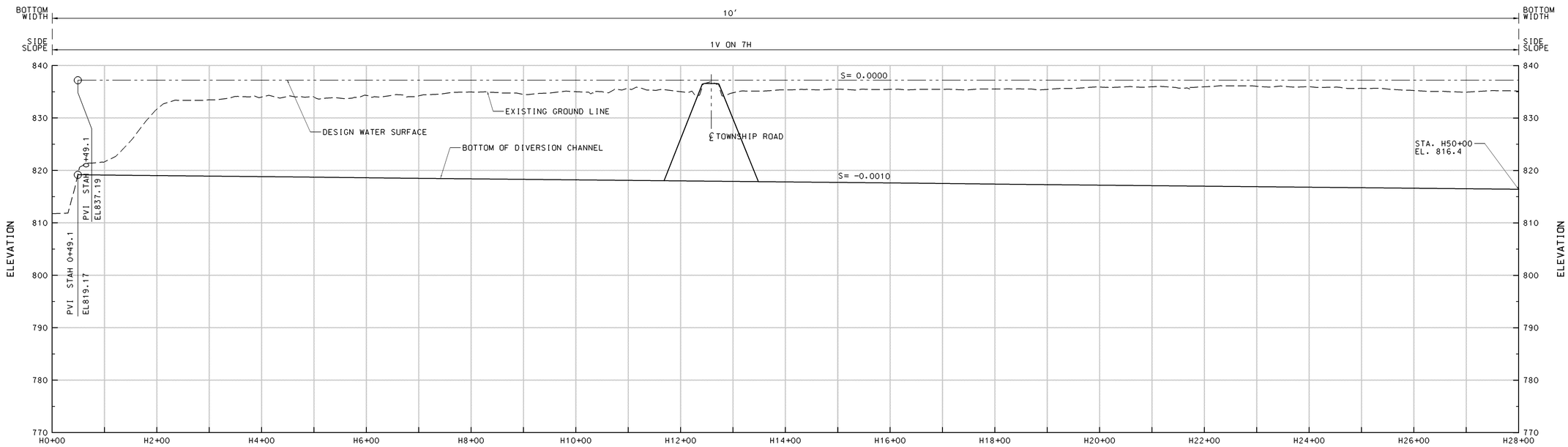
DATE: NOVEMBER 1998

CAD FILE NAME: GFGFR161.DGN

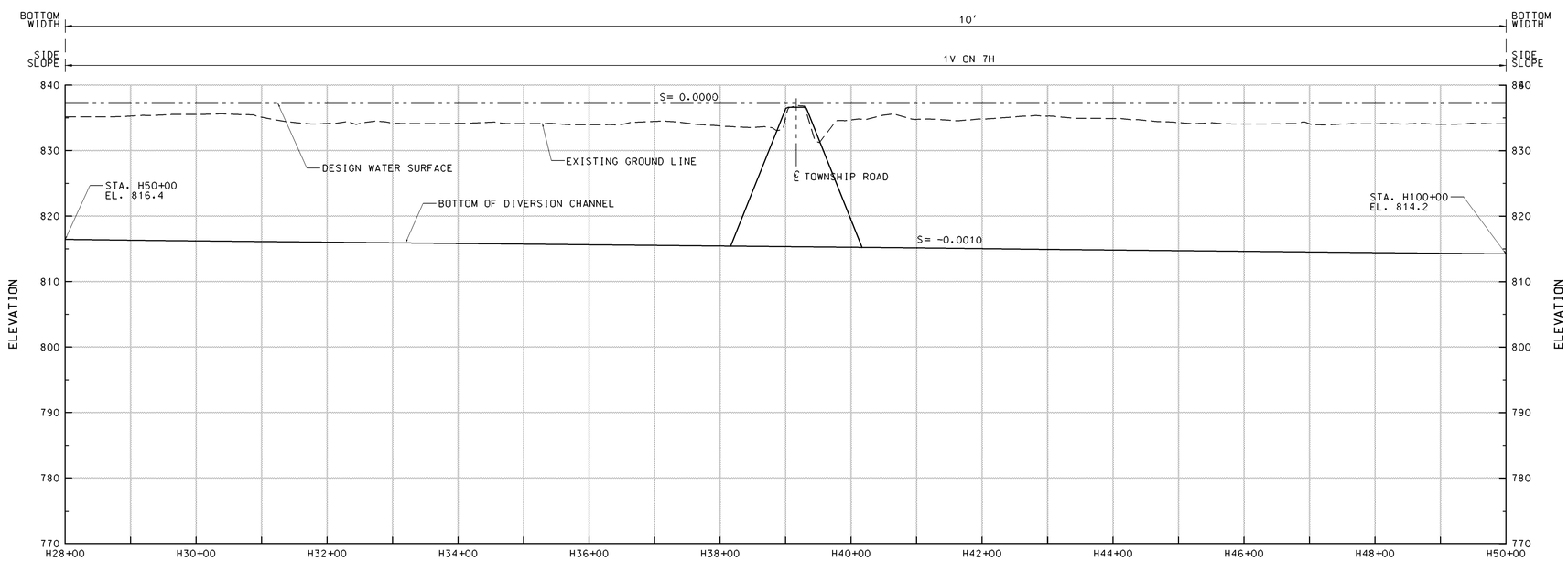
SOL. NO:

DRAWING NUMBER: PLATE NO. 157

SHT 157 OF 166



PROFILE



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

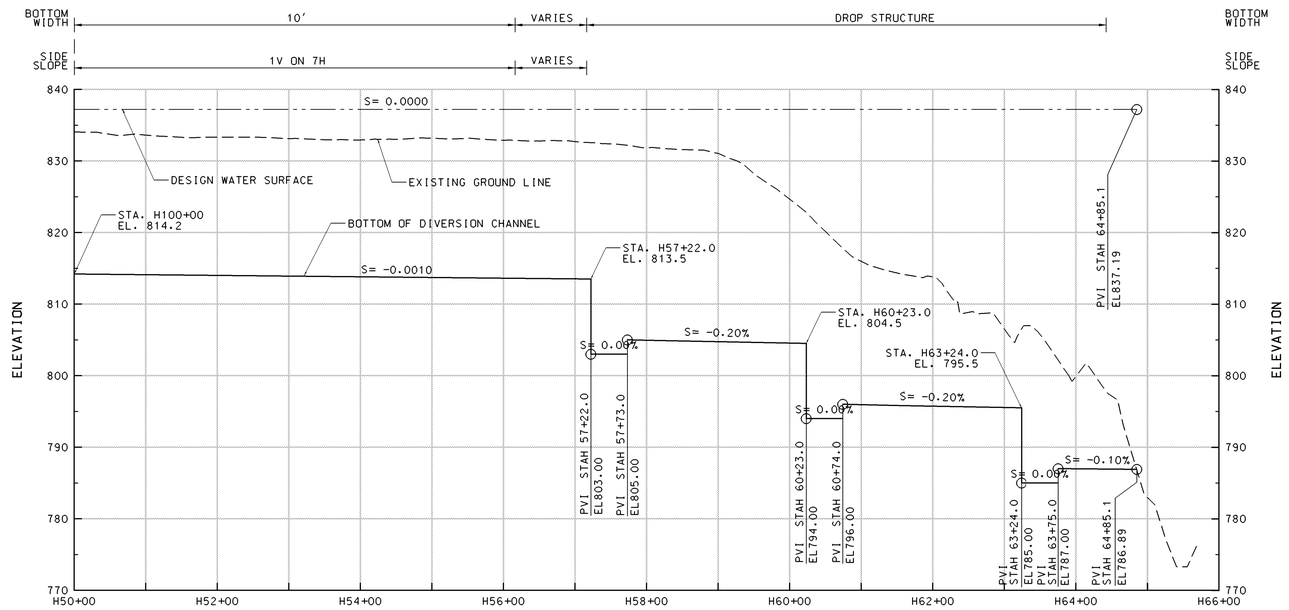
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA H0+00 TO STA H50+00

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

CAD FILE NAME: GFGFR162.DGN
DRAWING NUMBER: PLATE NO. 158
SHT 158 OF 166
DATE: NOVEMBER 1998
SOL. NO:



PROFILE

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

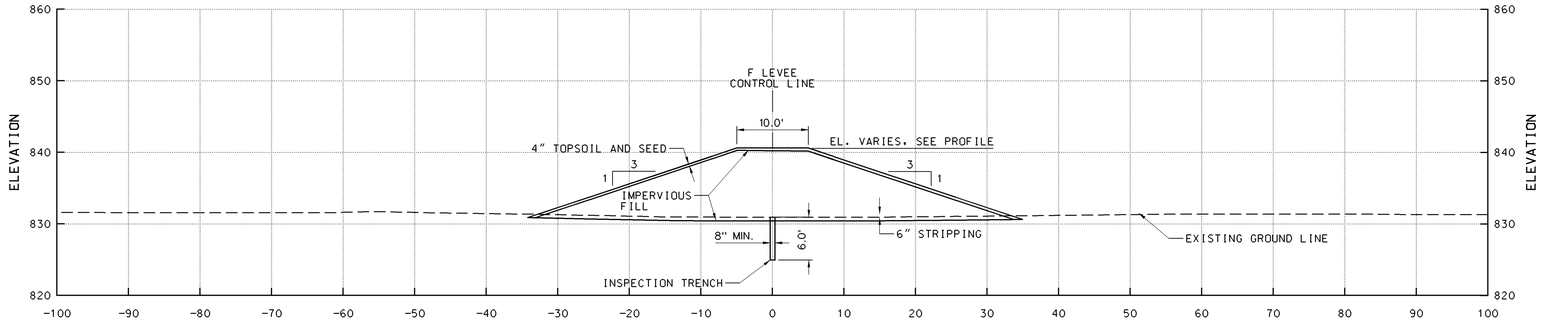
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
PROFILE - STA H50+00 TO STA H64+85.1

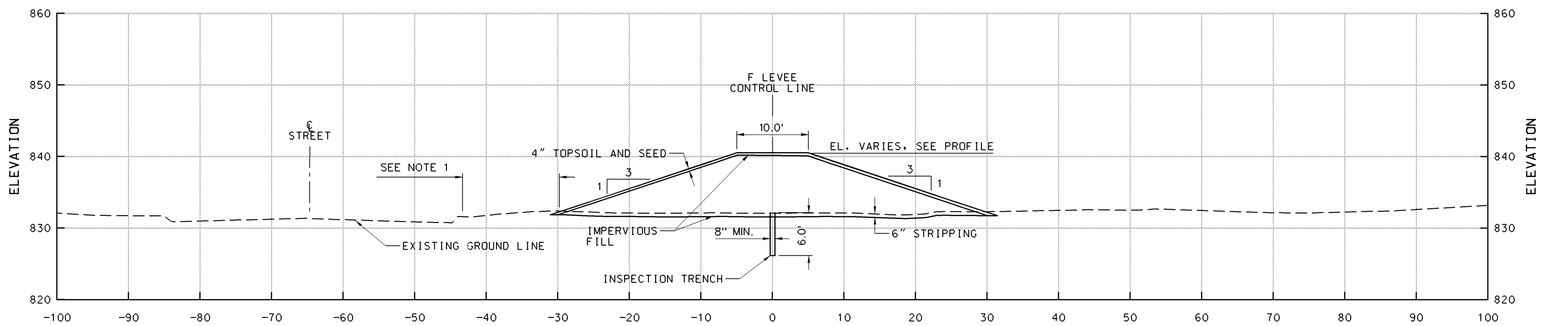
PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/DPF
PE-H	DESIGNED:	MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998

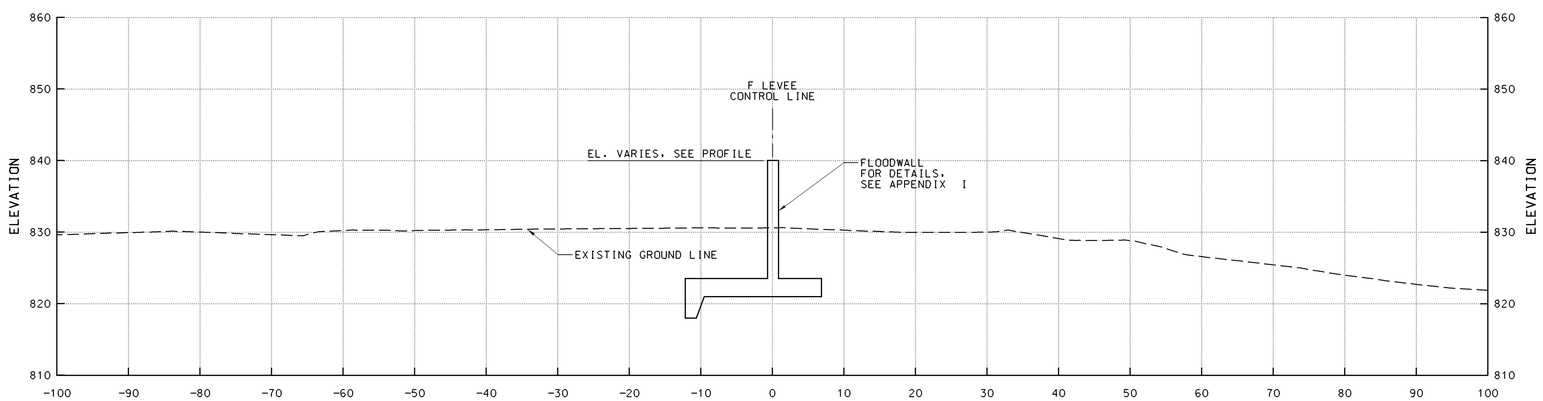
CAD FILE NAME: GFGFR163.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 159**
SHT 159 OF 166



TYPICAL SECTION	28
STA F0+00 TO STA F13+50	128
STA F40+16 TO STA F42+00	130
STA F47+94 TO STA F50+51	131
STA F76+30 TO STA F82+00	132-133
STA F122+87 TO STA F130+79	135-136
STA F180+76 TO STA F189+71.7	139



TYPICAL SECTION	29
STA F13+50 TO STA F21+30	128-129
STA F50+51 TO STA F54+76	131
STA F97+10 TO STA F102+70	134
STA F120+36 TO STA F122+87	135



TYPICAL SECTION	30
STA F21+80 TO STA F33+84	129-130
STA F38+42 TO STA F39+64	130
STA F103+12 TO STA F107+00	134
STA F115+70 TO STA F119+97	135
STA F174+14 TO STA F180+30	138-139

NOTE:

1. 10' MINIMUM FROM BACK OF CURB TO TOE OF LEVEE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

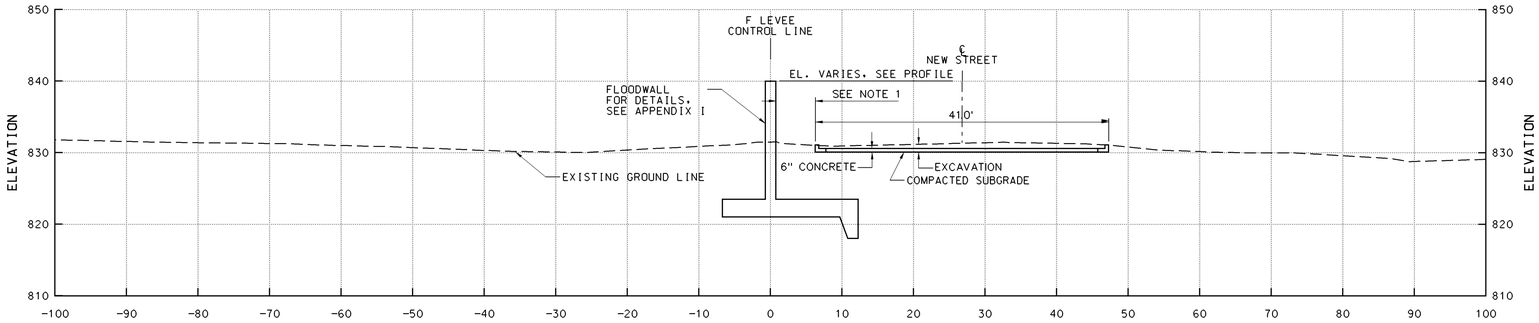
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

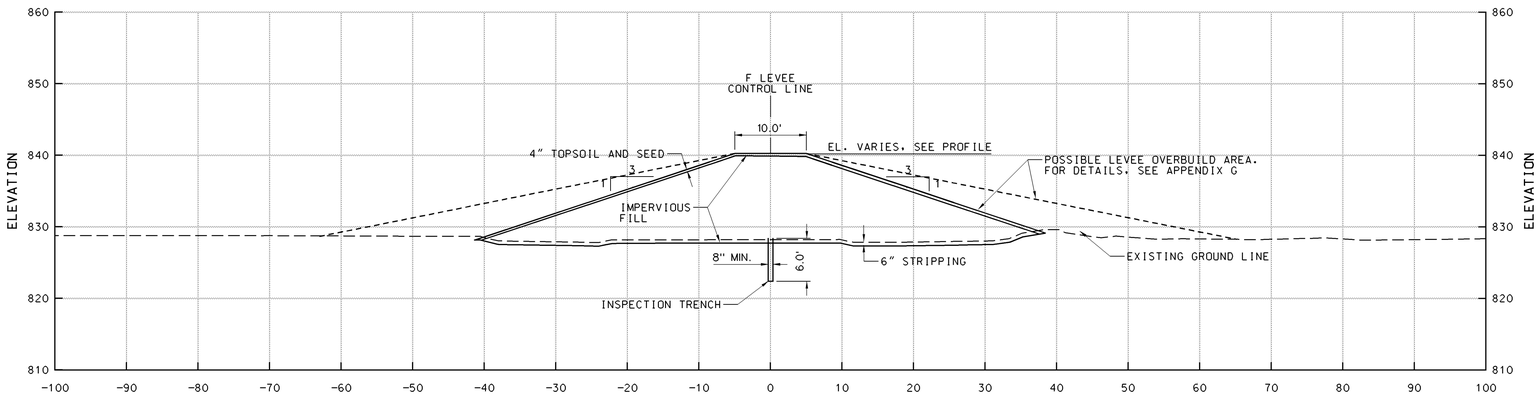
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
TYPICAL SECTIONS 28 - 30

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

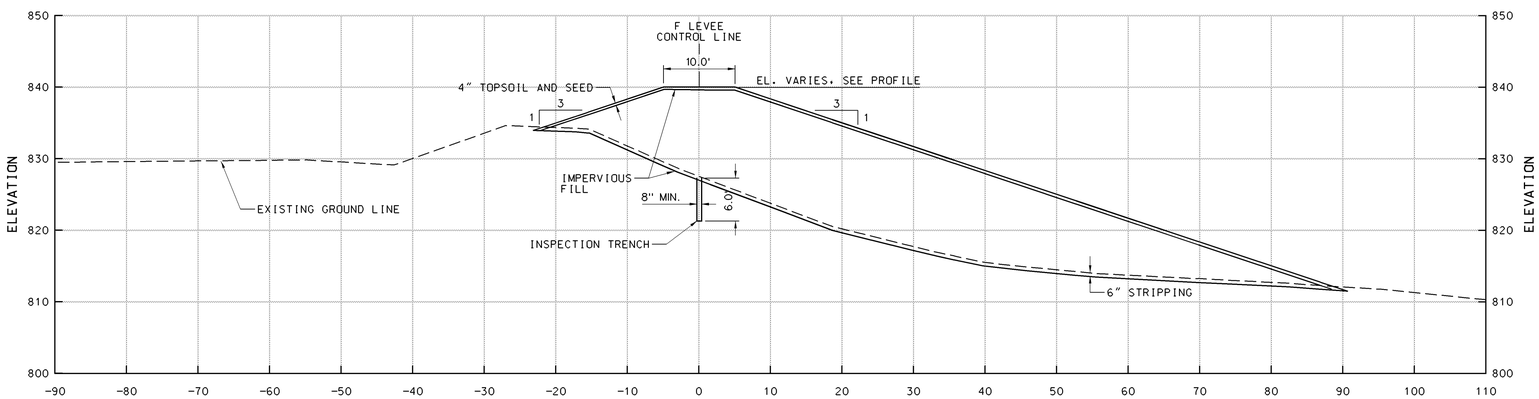
DATE: NOVEMBER 1998
CAD FILE NAME: GFGXR150.DGN
SOL. NO:
DRAWING NUMBER: PLATE NO. 160
SHT 160 OF 166



TYPICAL SECTION 31/130
STA F33+84 TO STA F38+42



TYPICAL SECTION 32
STA F42+00 TO STA F47+94 — 130-131
STA F57+92 TO STA F64+70 — 131-132
STA F82+00 TO STA F83+67 — 133
STA F188+73 TO STA F97+10 — 133-134



TYPICAL SECTION 33
STA F64+70 TO STA F76+30 — 132

NOTE:

1. 10' MINIMUM FROM BACK OF CURB TO TOE OF LEVEE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

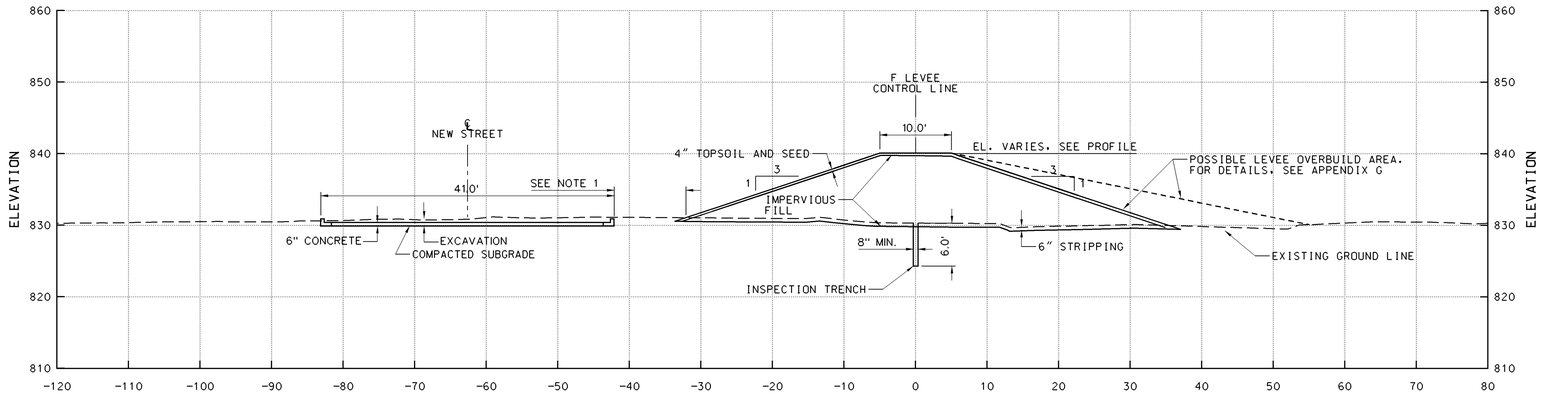
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

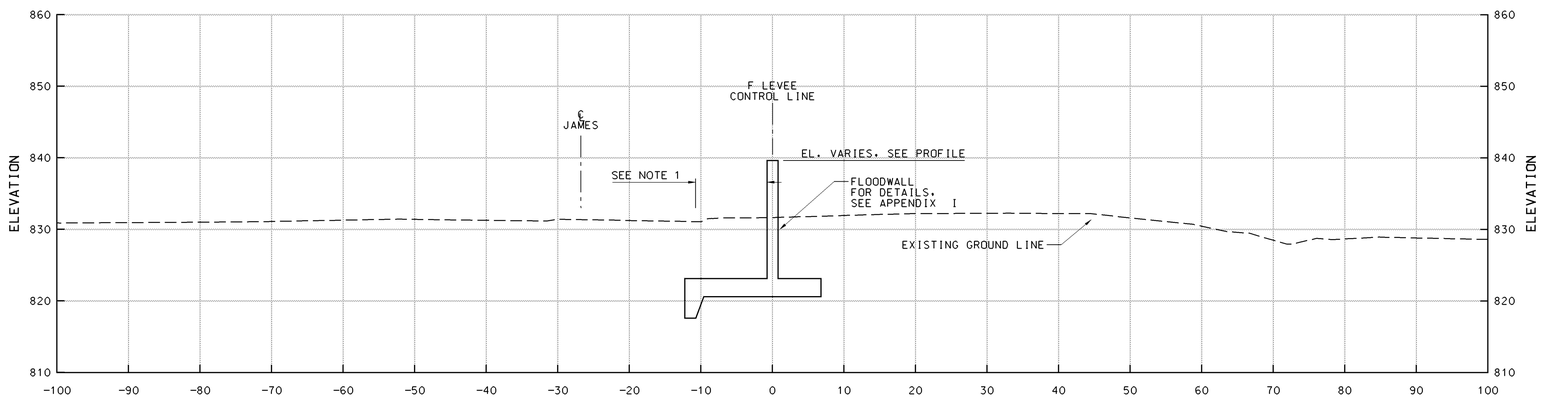
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
TYPICAL SECTIONS 31-33

PE-D: DESIGNED: DPF/CWB; CHECKED: CAA/MSM; DRAWN: DPF/LKT
PE-H: DESIGNED: MJS/MDL; CHECKED: MDL

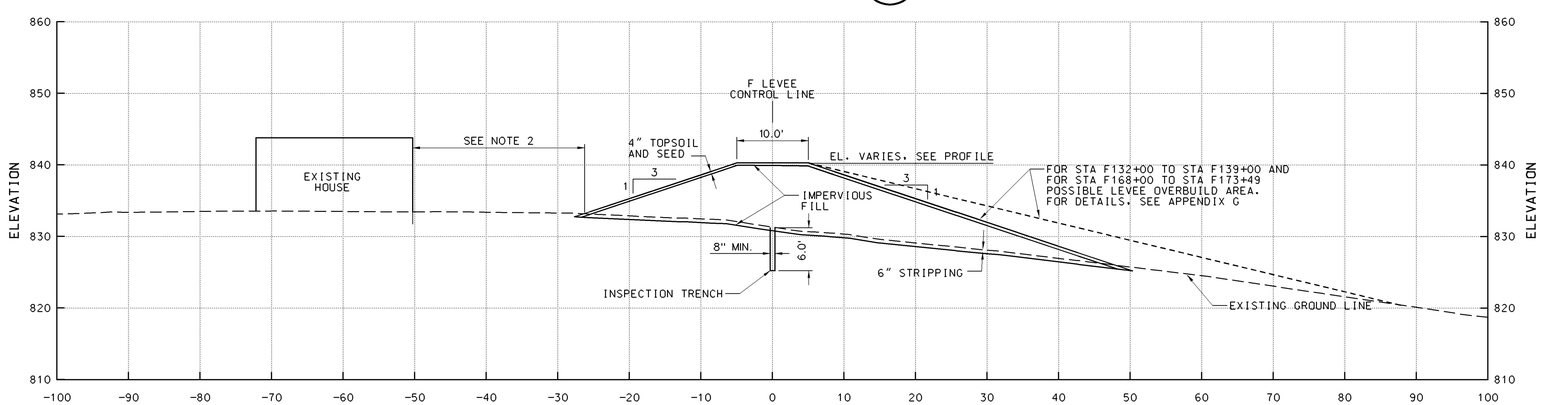
CAD FILE NAME: GFGXR151.DGN
DRAWING NUMBER: PLATE NO. 161
SHT 161 OF 166
DATE: NOVEMBER 1998
SOL. NO:



TYPICAL SECTIONS 34
STA F85+34 TO STA F88+73 133



TYPICAL SECTION 35
STA F107+00 TO STA F115+00 134-135



TYPICAL SECTION 36
STA F130+79 TO STA F173+49 135-138

NOTES:

1. 10' MINIMUM FROM BACK OF CURB TO TOE OF LEVEE.
2. 20' MINIMUM FROM BACK OF EXISTING HOMES TO TOE OF LEVEE.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

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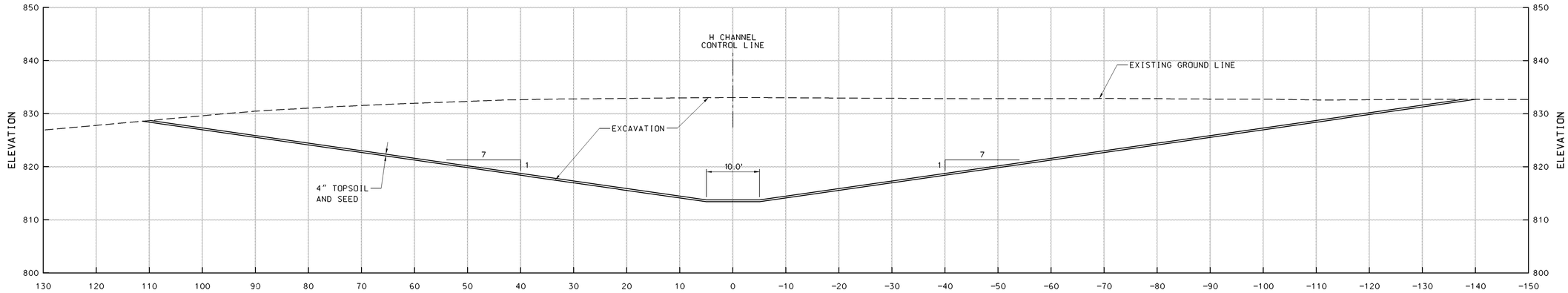
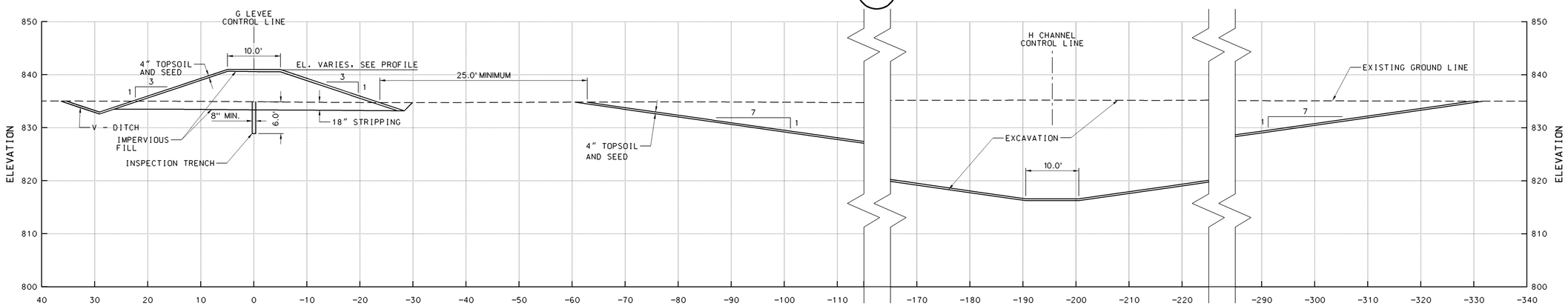
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
TYPICAL SECTIONS 34 - 36

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

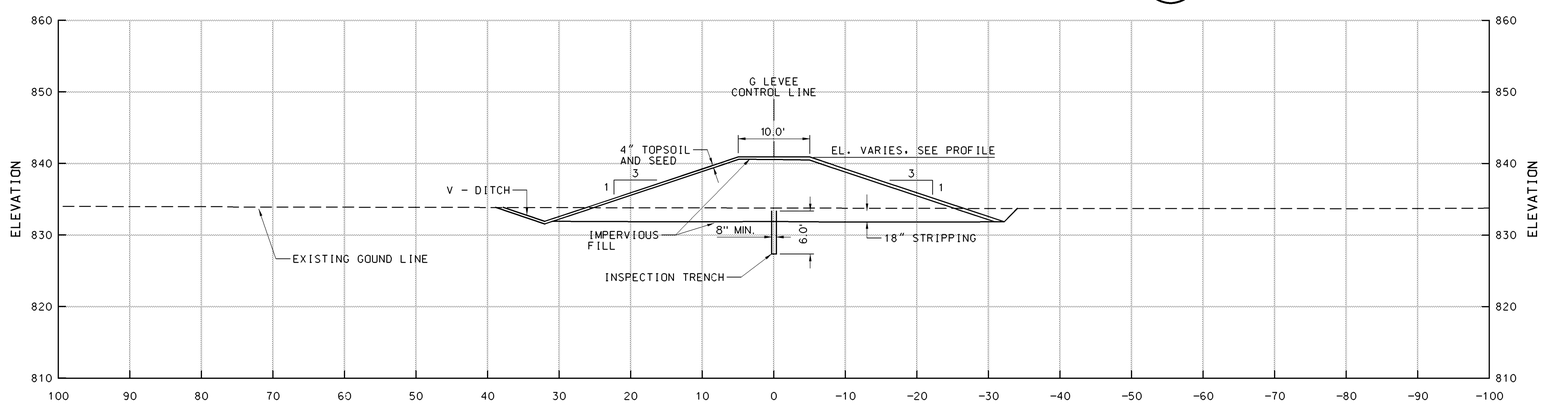
CAD FILE NAME: GFGXR152.DGN
DRAWING NUMBER: PLATE NO. 162
SHT 162 OF 166
DATE: NOVEMBER 1998
SOL. NO:



TYPICAL SECTION 37/144
STA H53+56 TO STA H56+15



TYPICAL SECTION 38/142-144
STA G74+40 TO STA G126+82



TYPICAL SECTION 39/140-142, 144-145
STA G0+00 TO STA G75+00
STA G127+11 TO STA G170+19.54

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

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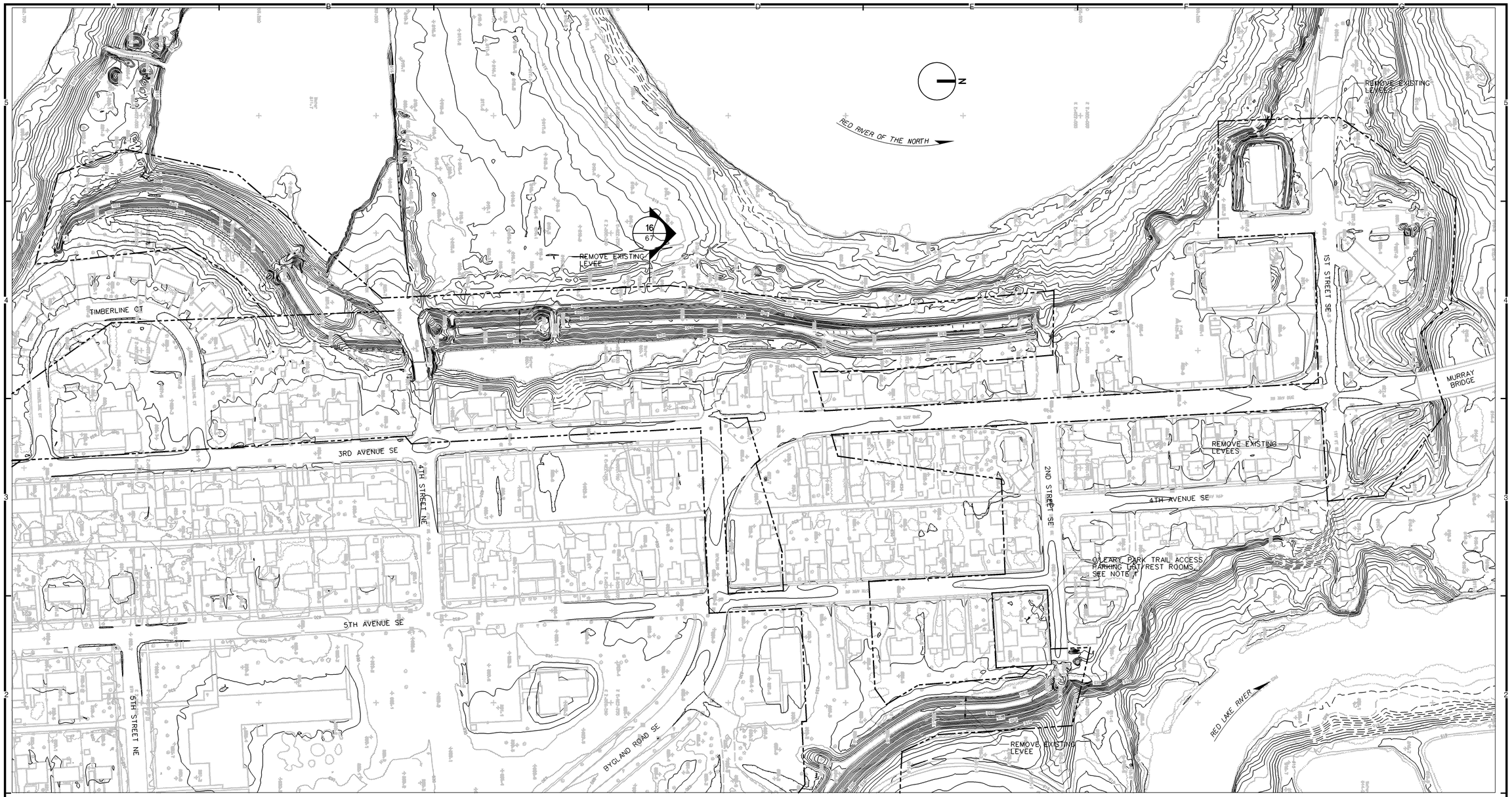
GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
TYPICAL SECTIONS 37 - 39

PE-D	DESIGNED:	DPF/CWB
	CHECKED:	CAA/MSM
	DRAWN:	DPF/LKT
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGXR153.DGN
SOL. NO:
DRAWING NUMBER: **PLATE NO. 163**
SHT 163 OF 166



NOTE:

1. FOR RECREATION PLAN DETAILS, SEE APPENDIX G.

PLAN

100 0 100 200
SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

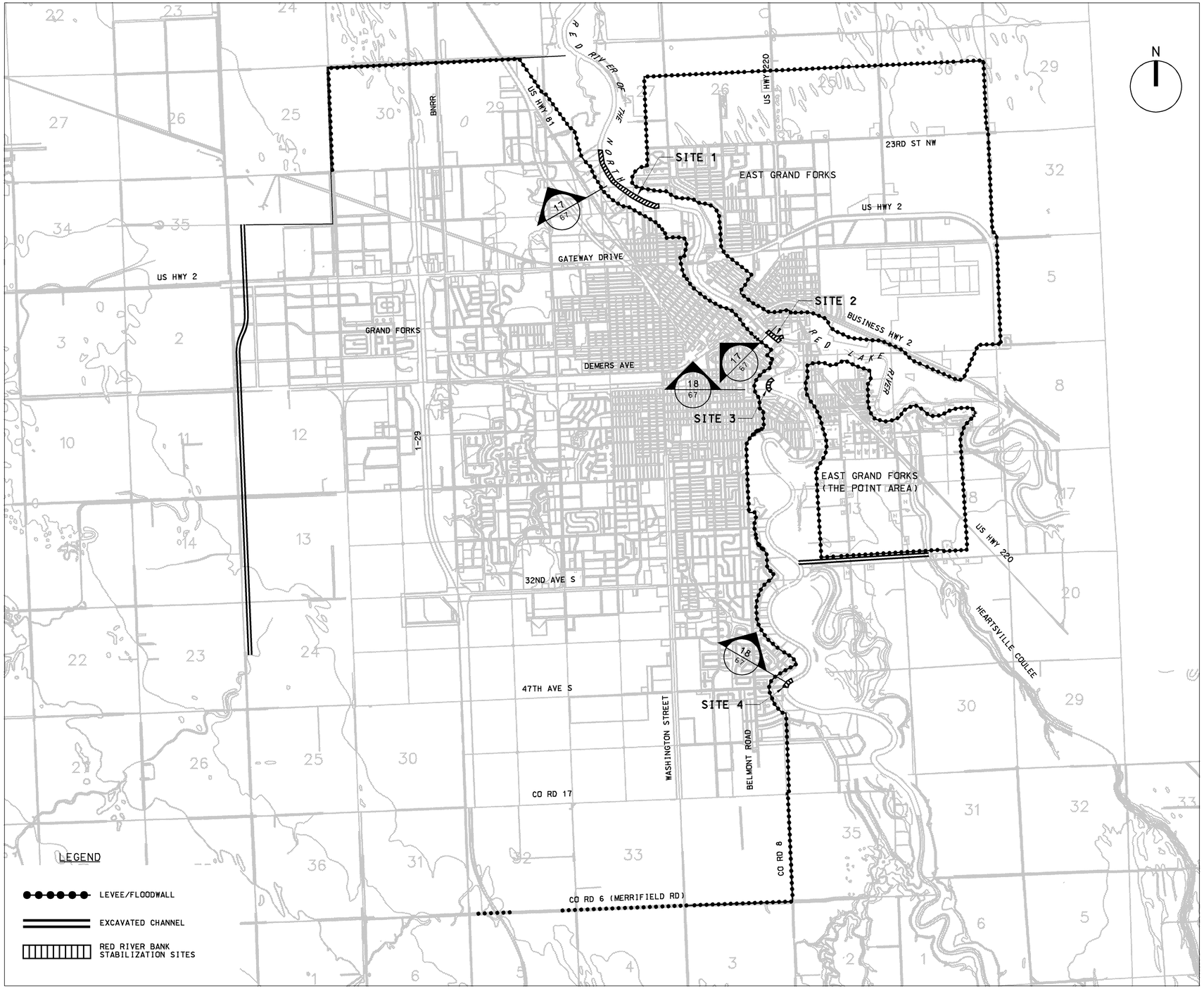
US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL
EAST GRAND FORKS - THE POINT
EXISTING LEVEE REMOVALS - 3RD AVENUE SE

PE-D	DESIGNED:	CAA/CWB
	CHECKED:	RGB/MSM
	DRAWN:	CAA/LKT
PE-H	DESIGNED:	MJS/MDL
	CHECKED:	MDL

DATE: NOVEMBER 1998
CAD FILE NAME: GFGPR208.dgn
SOL. NO:
DRAWING NUMBER: **PLATE NO. 164**
SHT 164 OF 166



PLAN

2500 0 2500 5000

SCALE IN FEET

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

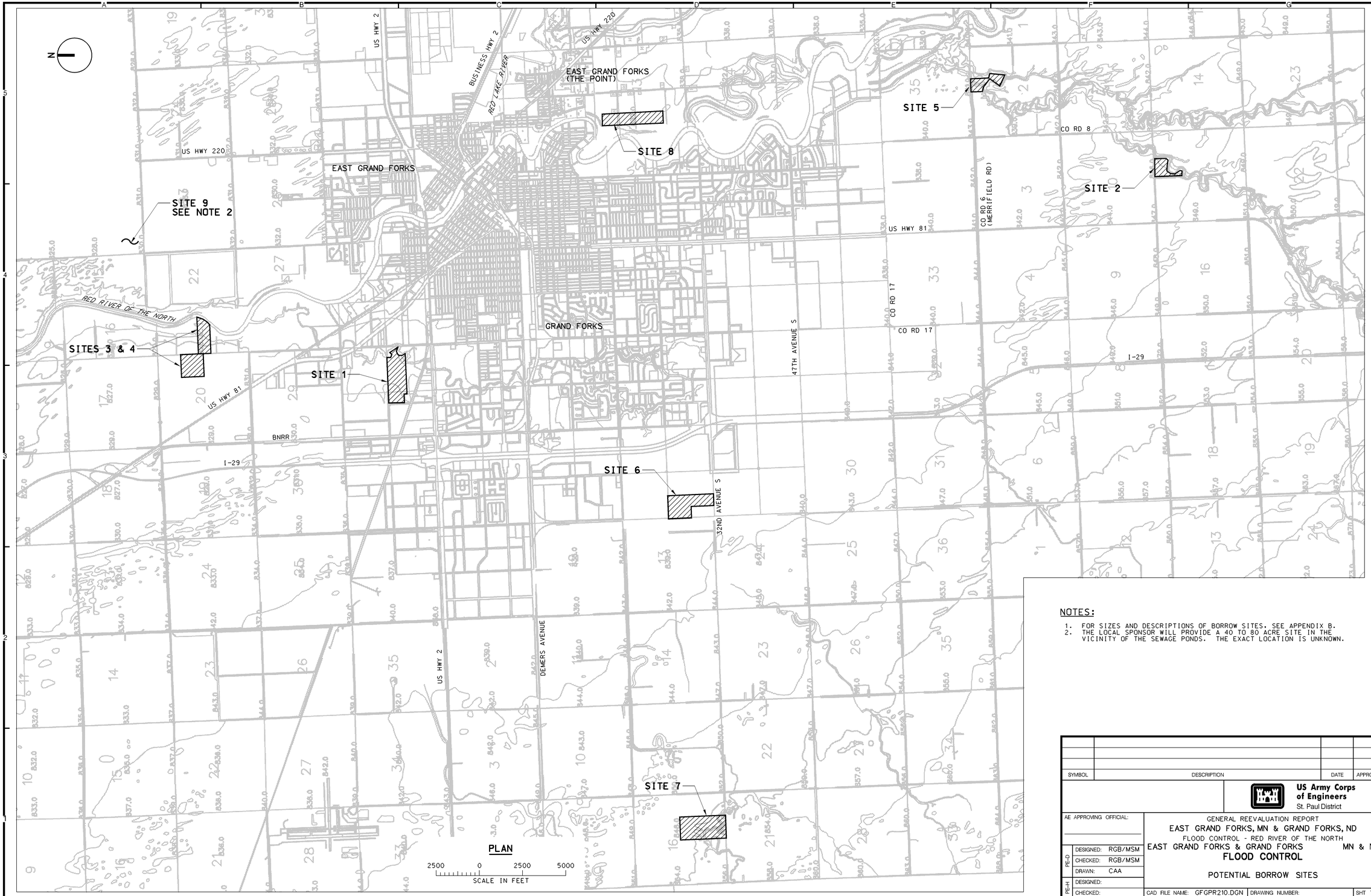
AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL

BANK STABILIZATION REACHES

PE-D	DESIGNED: RGB/CWB	
	CHECKED: RGB/MSM	
	DRAWN: CAA	
PE-H	DESIGNED: MDL	
	CHECKED: MDL	

CAD FILE NAME: GFGPR209.DGN
DRAWING NUMBER:
SHT 165
DATE: NOVEMBER 1998
SOL. NO:
PLATE NO. 165
OF 166



NOTES:

1. FOR SIZES AND DESCRIPTIONS OF BORROW SITES. SEE APPENDIX B.
2. THE LOCAL SPONSOR WILL PROVIDE A 40 TO 80 ACRE SITE IN THE VICINITY OF THE SEWAGE PONDS. THE EXACT LOCATION IS UNKNOWN.

SYMBOL	DESCRIPTION	DATE	APPROVAL

US Army Corps of Engineers
St. Paul District

AE APPROVING OFFICIAL:

GENERAL REEVALUATION REPORT
EAST GRAND FORKS, MN & GRAND FORKS, ND
FLOOD CONTROL - RED RIVER OF THE NORTH
EAST GRAND FORKS & GRAND FORKS MN & ND
FLOOD CONTROL

POTENTIAL BORROW SITES

PE-D: DESIGNED: RGB/MSM; CHECKED: RGB/MSM; DRAWN: CAA
PE-H: DESIGNED: ; CHECKED:

CAD FILE NAME: GFGPR210.DGN
DRAWING NUMBER: PLATE NO. 166
SHT 166 OF 166
DATE: NOVEMBER 1998
SOL. NO: