

CTH "X"

FOR THE

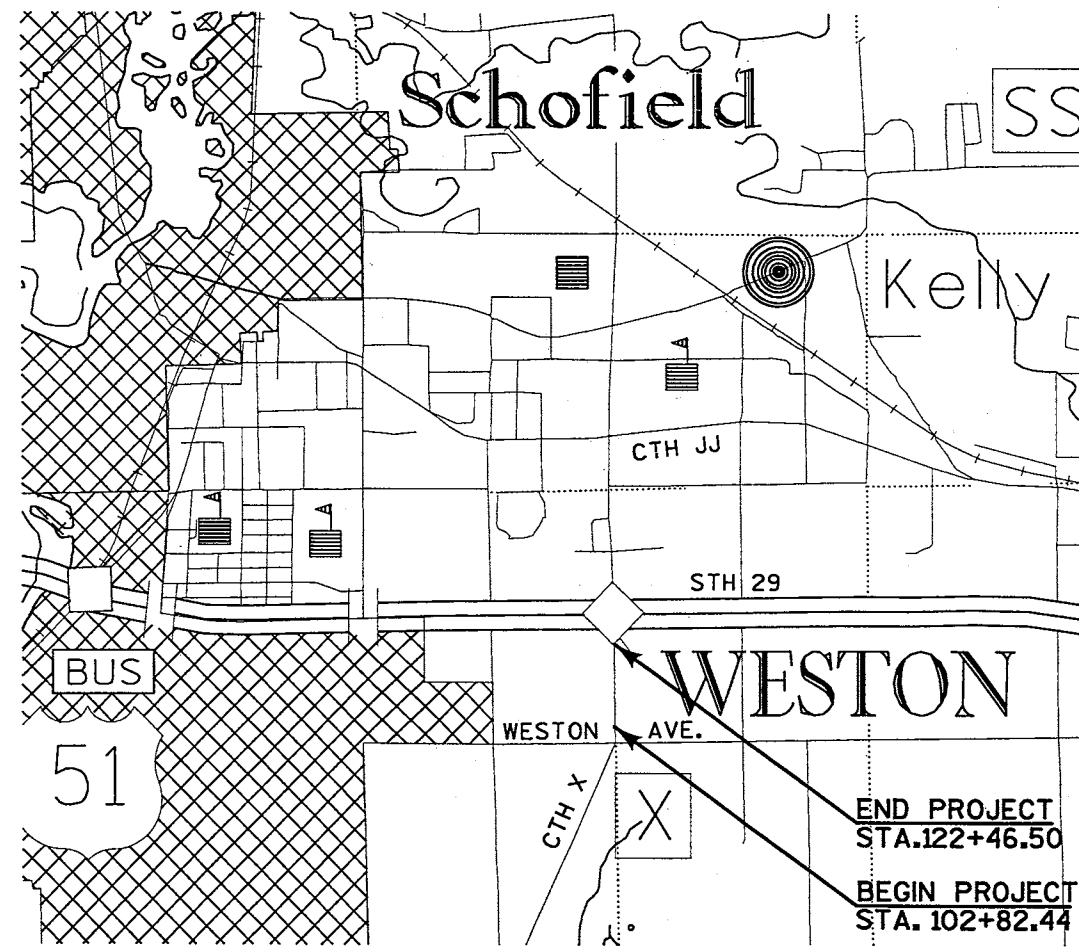
VILLAGE OF WESTON, WISCONSIN

MARATHON COUNTY

APRIL 1999

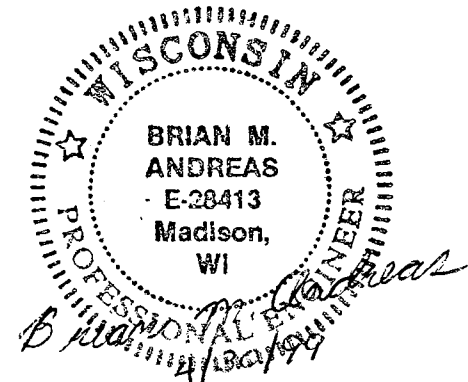
STANDARD SYMBOLS

- TEMPORARY EASEMENT
- PROPERTY LINE AND/OR RIGHT OF WAY
- PERMANENT EASEMENT ON SEWER
- ⊕ SOIL BORING
- ⊙ BENCH MARK
- PROPERTY STAKE
- PRIVATE WELL
- EXISTING UTILITY POLE
- BURIED TELEPHONE CABLE PEDESTAL SIGN
- ⊗ LIGHT POLE
- ⊗ OBJECTS TO BE REMOVED
- ⊕ DECIDUOUS TREE
- ☆ CONIFEROUS TREE
- WETLAND AREA
- EXISTING CULVERT
- T-T- TELEPHONE OR TV CABLE
- G-G- GAS MAIN
- E-E- UNDERGROUND ELECTRIC CABLE
- EXISTING CULVERT IN PROFILE
- ~ ORIGINAL GROUND IN PROFILE
- |- FENCE
- ▬ GUARD RAIL
- ▬ SILT FENCE
- △ CONTROL POINT
- WETLAND
- ↓ GUY WIRE
- AREA OF SITE
- CORPORATE LIMITS
- PROPERTY LINE AND/OR RIGHT OF WAY
- RIGHT-OF-WAY MARKERS
- ▬ EXISTING CURB, GUTTER AND INLET
- ▬ NEW CURB, GUTTER AND INLET
- DIRECTION OF TRAFFIC
- NEW CULVERT IN PROFILE
- ⊕ NOTATION FOR COMBUSTIBLE FLUIDS



PROJECT LOCATION MAP

NO SCALE



LIST OF DRAWINGS

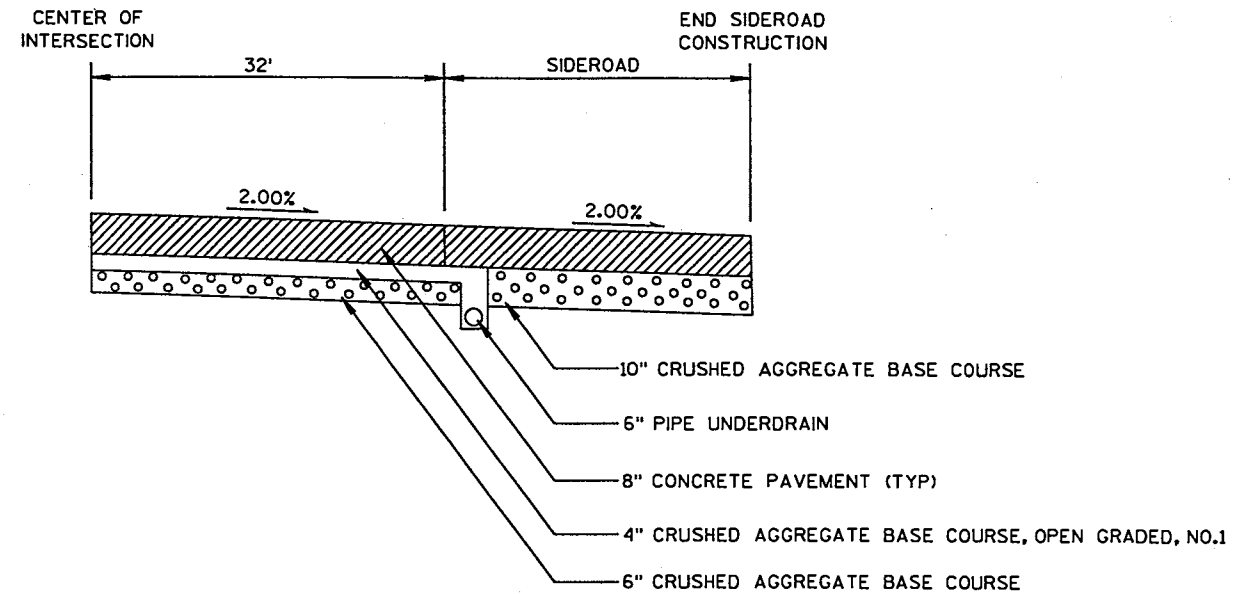
SHEET NO.	DRAWING TITLE	DRAWING NO.
1	COVER SHEET	620-750-01
2	TYPICAL SECTIONS - GENERAL NOTES - UTILITIES	620-750-02
3	CONSTRUCTION DETAILS	620-750-03
4	CONSTRUCTION DETAILS	620-750-04
5	INTERSECTION DETAIL, LAYOUT	620-750-05
6	PAVEMENT MARKING AND SIGNING DETAIL	620-750-06
7	INTERSECTION DETAIL, TRAFFIC SIGNALS	620-750-07
8	CONSTRUCTION STAGING, STAGE I	620-750-08
9	CONSTRUCTION STAGING, STAGE II	620-750-09
10	CONSTRUCTION STAGING, STAGE III	620-750-10
11	PLAN AND PROFILE	620-750-11
12	PLAN AND PROFILE	620-750-12
13	CROSS SECTIONS	620-750-13
14	CROSS SECTIONS	620-750-14
15	CROSS SECTIONS	620-750-15
16	CROSS SECTIONS	620-750-16
17	CROSS SECTIONS	620-750-17
18	CROSS SECTIONS	620-750-18
19	CROSS SECTIONS	620-750-19
20	CROSS SECTIONS	620-750-20
21	CROSS SECTIONS	620-750-21
22	CROSS SECTIONS	620-750-22

CONTRACT NO. 1-99



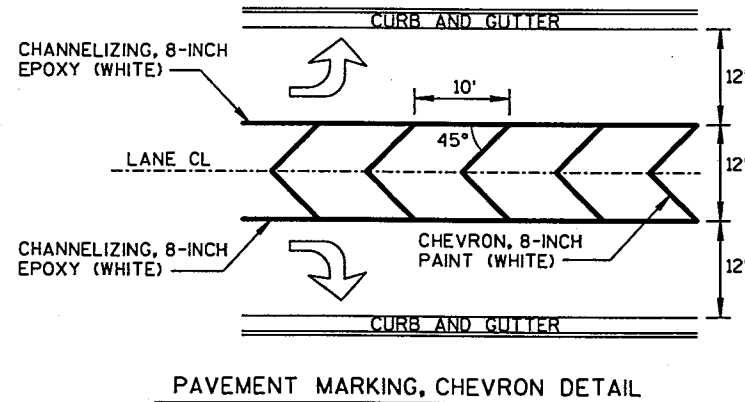
620-750-01

STORM SEWER TABLE									
INLET NO.	STATION	OFFSET	FLAG ELEV.	INV. ELEV.	DOWNSTREAM STRUCTURE	DOWNSTREAM INV. ELEV.	12" RCPSS C-C	24" RCPSS C-C	% SLOPE
I-11	105+10.23	3.55 LT	1250.76	1246.68	END OF PIPE	1246.32	35.6	-----	1.00
I-12	105+10.23	3.55 RT	1250.76	1246.75	I-11	1246.68	7.1	-----	1.00
I-21	107+35.67	23.50 LT	1251.57	1248.31	END OF PIPE	1248.23	15.2	-----	0.50
I-22	107+35.67	1.50 RT	1252.01	1248.44	I-21	1248.31	25.0	-----	0.50
I-24	107+35.67	18.32 RT	1252.01	1248.52	I-22	1248.44	16.8	-----	0.50
I-26	107+35.67	43.50 RT	1251.57	1248.65	I-24	1248.52	25.2	-----	0.50
I-32	110+95.90	11.50 RT	1255.95	1252.24	I-34	1252.20	7.0	-----	0.50
I-34	110+95.90	18.50 RT	1255.75	1252.20	I-36	1252.05	29.9	-----	0.50
I-36	110+95.90	48.36 RT	1255.21	1252.05	END OF PIPE	1251.97	15.8	-----	0.50
I-41	111+30.48	23.50 LT	1255.98	1253.24	END OF PIPE	1253.09	15.2	-----	1.00
I-51	114+00.00	23.50 LT	1263.21	1259.00	END OF PIPE	1258.90	19.2	-----	0.50
I-52	114+00.00	1.50 RT	1263.65	1259.13	I-51	1259.00	25.0	-----	0.50
I-54	114+00.00	18.50 RT	1263.65	1259.21	I-52	1259.13	17.0	-----	0.50
I-56	114+00.00	43.50 RT	1263.21	1259.34	I-54	1259.21	25.0	-----	0.50
I-61	116+00.00	23.50 LT	1270.30	1265.80	END OF PIPE	1265.63	16.8	-----	1.00
I-62	116+00.00	43.50 RT	1270.30	1265.80	END OF PIPE	1265.59	20.7	-----	1.00
I-71	118+00.00	23.50 LT	1277.15	1271.90	END OF PIPE	1271.71	19.2	-----	1.00
I-72	118+00.00	1.50 RT	1277.59	1272.15	I-71	1271.90	25.0	-----	1.00
I-74	118+00.00	18.50 RT	1277.59	1272.32	I-72	1272.15	17.0	-----	1.00
I-76	118+00.00	43.50 RT	1277.15	1272.57	I-74	1272.32	25.0	-----	1.00
I-81	120+00.00	23.50 LT	1282.27	1277.77	END OF PIPE	1277.58	18.8	-----	1.00
I-82	120+00.00	43.50 RT	1282.27	1277.77	END OF PIPE	1277.65	11.9	-----	1.00
I-91	109+60.13	54.06 LT	1252.63	1249.21	END OF PIPE	1248.89	-----	30.0	1.05
I-93	110+07.72	56.67 LT	1253.24	1249.70	I-91	1249.21	-----	47.1	1.05
I-95	110+32.04	57.82 LT	1253.80	1249.95	I-93	1249.70	-----	24.1	1.05
I-97	110+73.89	59.49 LT	1254.14	1250.39	I-95	1249.95	-----	41.3	1.05
E.O.P.	110+91.59	60.08 LT	-----	1250.57	I-97	1250.39	-----	17.5	1.05



PAVEMENT STRUCTURE TRANSITION AT INTERSECTION

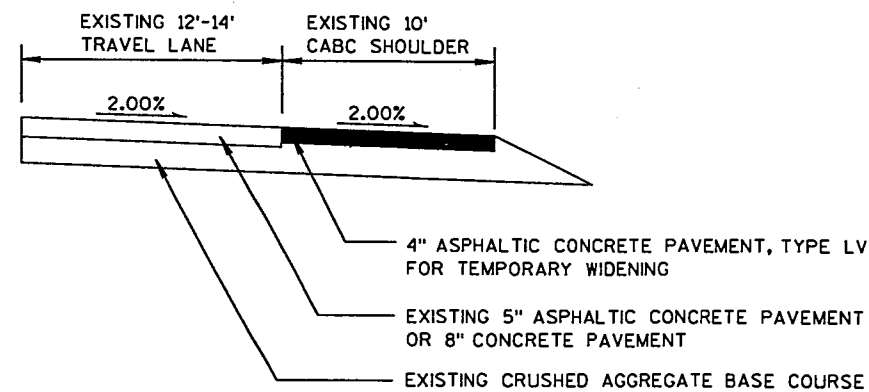
STA 108+46.86 - STA 111+28.48 LT
 STA 108+89.15 - STA 111+72.83 RT



PAVEMENT MARKING, CHEVRON DETAIL

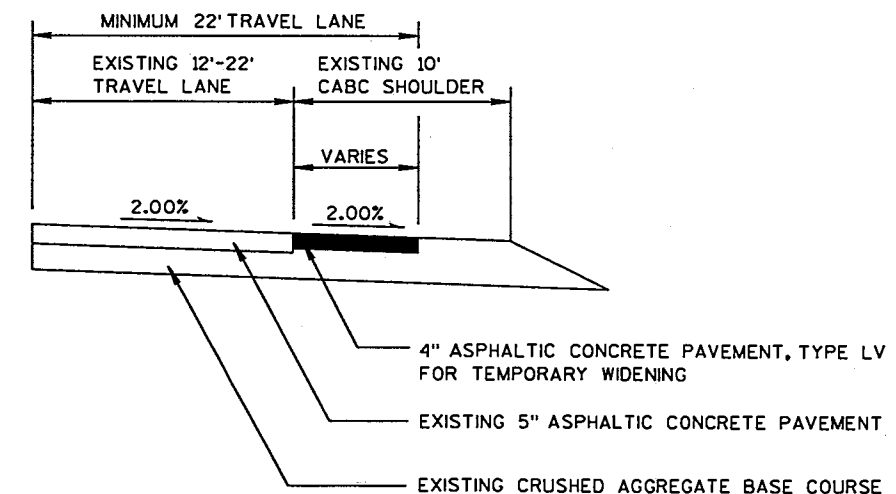
CURVE SUPERELEVATION TABLE

STATION	LEFT	RIGHT	DESCRIPTION
103+00.00	-3.00	3.00	FULL SUPER
103+40.00	-2.00	2.00	REVERSE CROWN
104+20.00	-2.00	0.00	0% SUPER
105+00.00	NC	NC	NORMAL CROWN



CONSTRUCTION STAGING - STAGE I - TEMPORARY WIDENING

STA 100+57.46 - STA 121+93.62 RT



CONSTRUCTION STAGING - STAGE II - TEMPORARY WIDENING

STA 100+72.55 - STA 107+33.67 LT

REVISION	DATE	BY	DATE	BY
NO.				

DATE: 05 MAR 99
 DES BY: HJS
 DWN BY: HJS
 PRINTED:

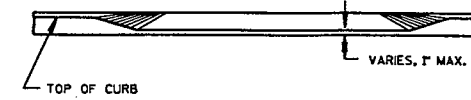
CHK BY: BMA
 APP BY:

RECORD DRAWING
 BY: _____
 DATE: _____
 CONTRACTOR: _____
 CONSTRUCTED: _____
 NOTE: _____

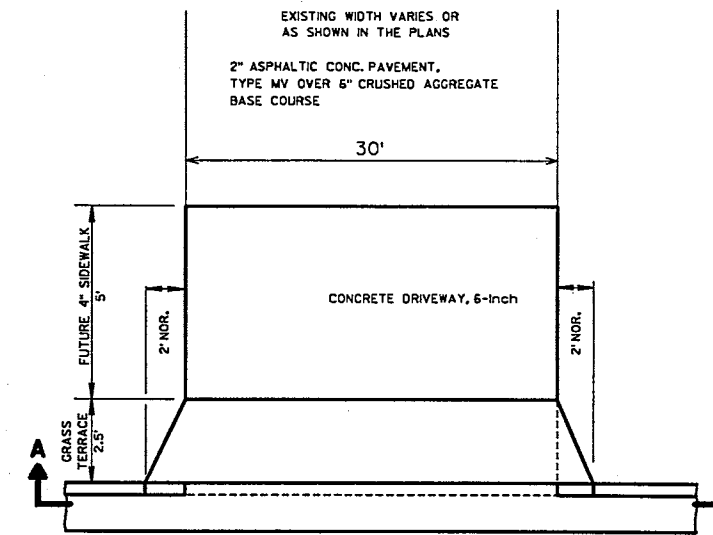
CONSTRUCTION DETAILS
 CTH "X"
 VILLAGE OF WESTON, WISCONSIN



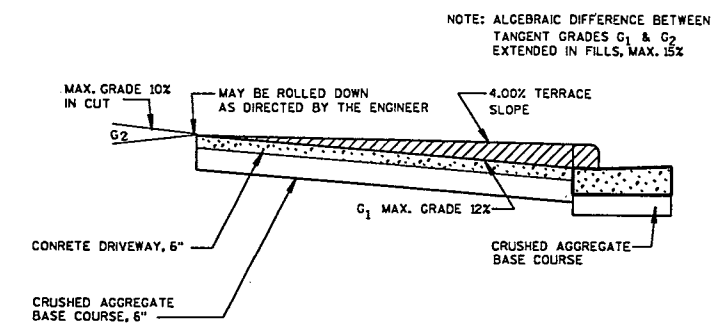
DRAWING NO.
620-750-03



SECTION A-A



PLAN



PROFILE

PRIVATE/FIELD ENTRANCE
109+60 RT

RECORD DRAWING
BY: _____ DATE: _____
CONTRACTOR: _____
CONSTRUCTED: _____
NOTE: _____

NO.	REVISION	BY	DATE

DATE: 05 MAR 99
DES BY: HJS
DWN BY: HJS
PRINTED:
CHK BY: BMA
APP BY: _____

CONSTRUCTION DETAILS
CTH "X"
VILLAGE OF WESTON, WISCONSIN



DRAWING NO.
620-750-04

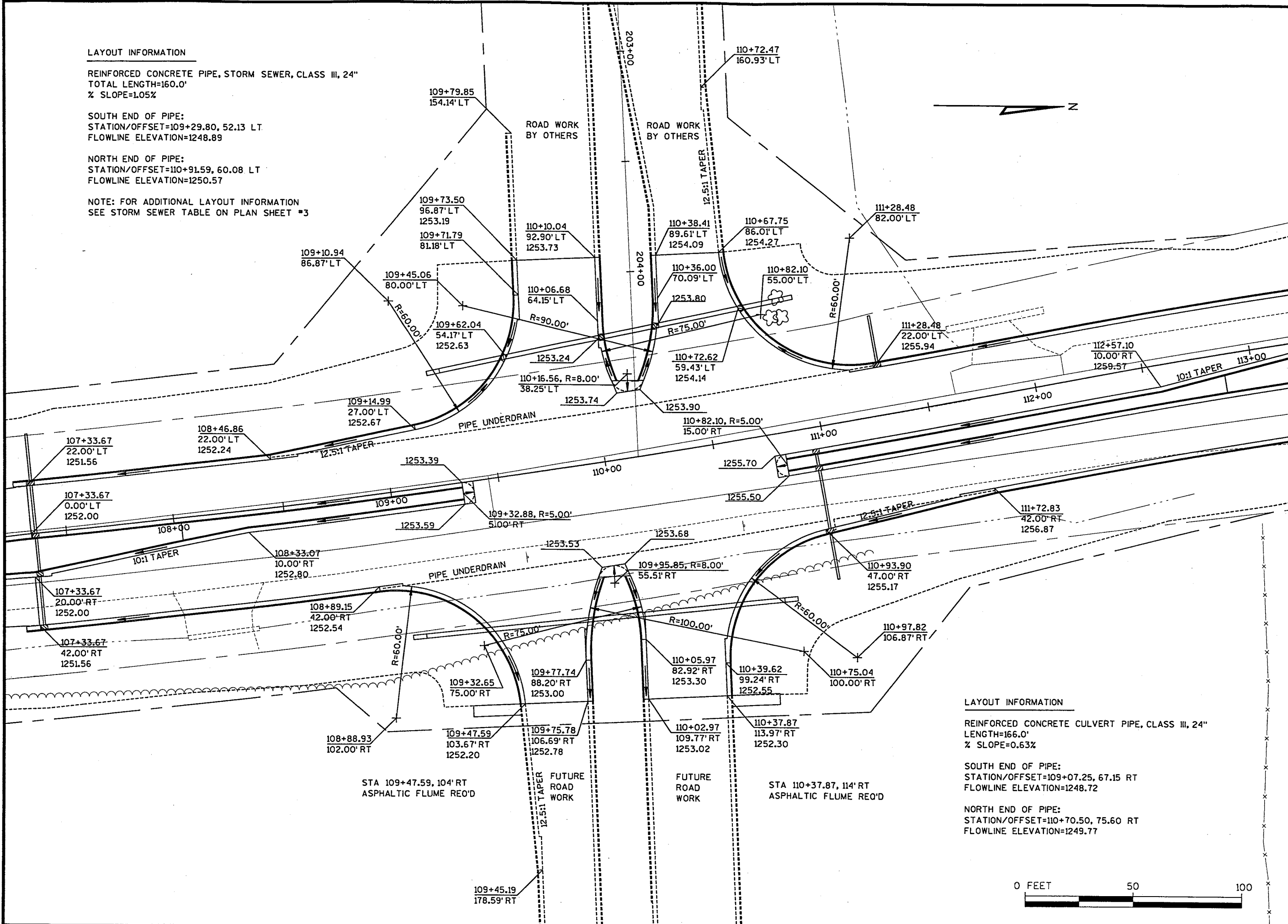
LAYOUT INFORMATION

REINFORCED CONCRETE PIPE, STORM SEWER, CLASS III, 24"
 TOTAL LENGTH=160.0'
 % SLOPE=1.05%

SOUTH END OF PIPE:
 STATION/OFFSET=109+29.80, 52.13 LT
 FLOWLINE ELEVATION=1248.89

NORTH END OF PIPE:
 STATION/OFFSET=110+91.59, 60.08 LT
 FLOWLINE ELEVATION=1250.57

NOTE: FOR ADDITIONAL LAYOUT INFORMATION
 SEE STORM SEWER TABLE ON PLAN SHEET #3



LAYOUT INFORMATION

REINFORCED CONCRETE CULVERT PIPE, CLASS III, 24"
 LENGTH=166.0'
 % SLOPE=0.63%

SOUTH END OF PIPE:
 STATION/OFFSET=109+07.25, 67.15 RT
 FLOWLINE ELEVATION=1248.72

NORTH END OF PIPE:
 STATION/OFFSET=110+70.50, 75.60 RT
 FLOWLINE ELEVATION=1249.77

NO.	REVISION	BY	DATE

DATE: 05 MAR 99
 DES BY: HJS
 DWN BY: HJS
 PRINTED:

CHK BY: BMA
 APP BY:

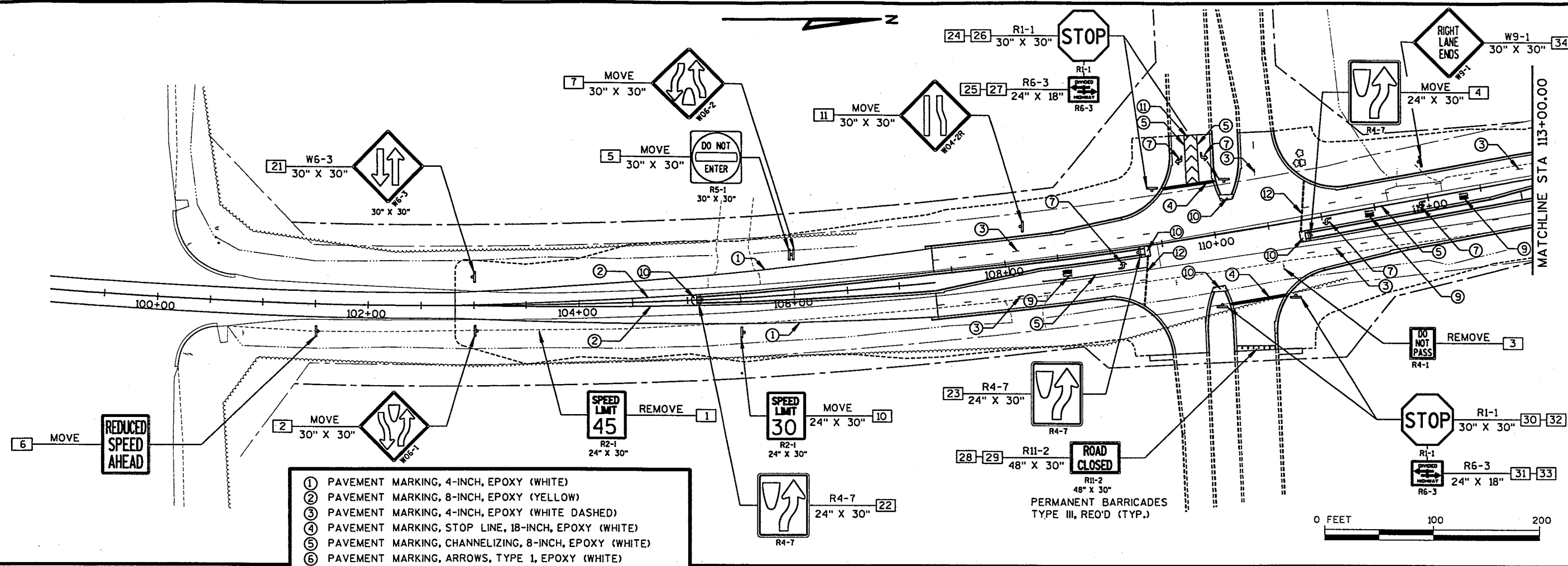
RECORD DRAWING

BY: _____ DATE: _____ CONTRACTOR: _____ CONSTRUCTED: _____ NOTE: _____

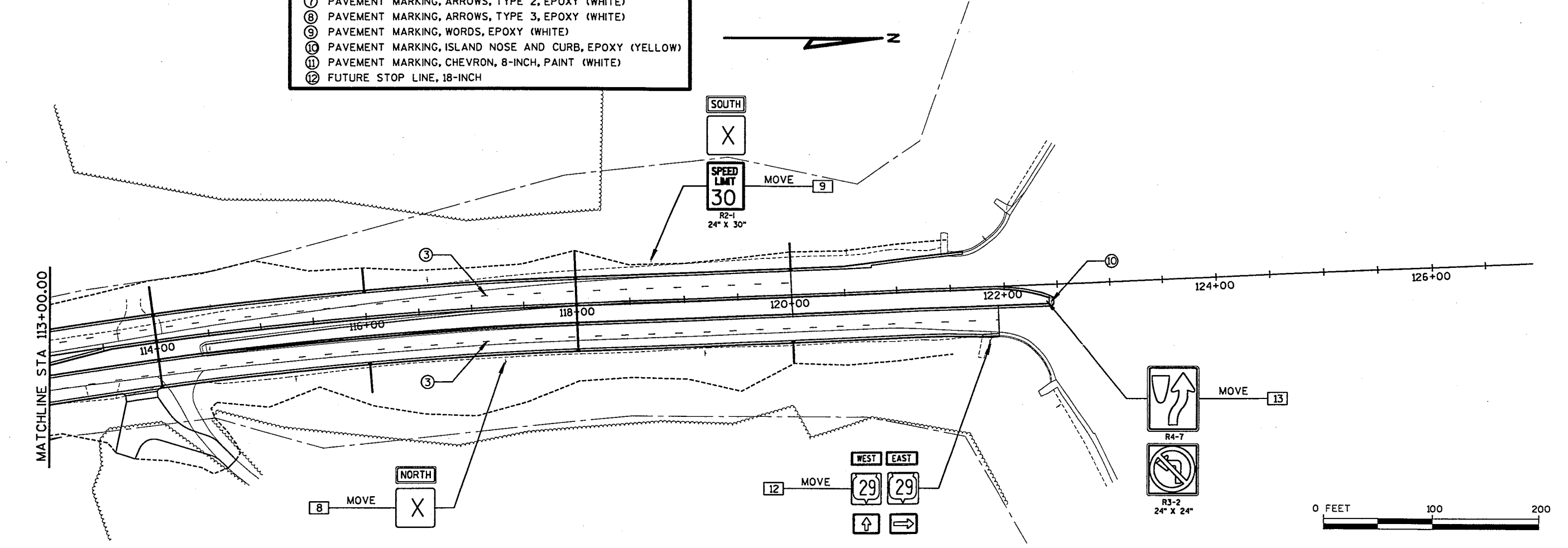
INTERSECTION DETAIL, LAYOUT
 CTH "X"
 VILLAGE OF WESTON, WISCONSIN

STRAND ENGINEERING
 910 WEST WINGRA DRIVE
 MADISON, WISCONSIN 53715
 (608) 251-4843

DRAWING NO.
620-750-05



- ① PAVEMENT MARKING, 4-INCH, EPOXY (WHITE)
- ② PAVEMENT MARKING, 8-INCH, EPOXY (YELLOW)
- ③ PAVEMENT MARKING, 4-INCH, EPOXY (WHITE DASHED)
- ④ PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY (WHITE)
- ⑤ PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- ⑥ PAVEMENT MARKING, ARROWS, TYPE 1, EPOXY (WHITE)
- ⑦ PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- ⑧ PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- ⑨ PAVEMENT MARKING, WORDS, EPOXY (WHITE)
- ⑩ PAVEMENT MARKING, ISLAND NOSE AND CURB, EPOXY (YELLOW)
- ⑪ PAVEMENT MARKING, CHEVRON, 8-INCH, PAINT (WHITE)
- ⑫ FUTURE STOP LINE, 18-INCH



RECORD DRAWING

NO.	REVISION	BY	DATE

DATE: 05 MAR 99
 DES BY: HJS
 DWN BY: HJS
 PRINTED:

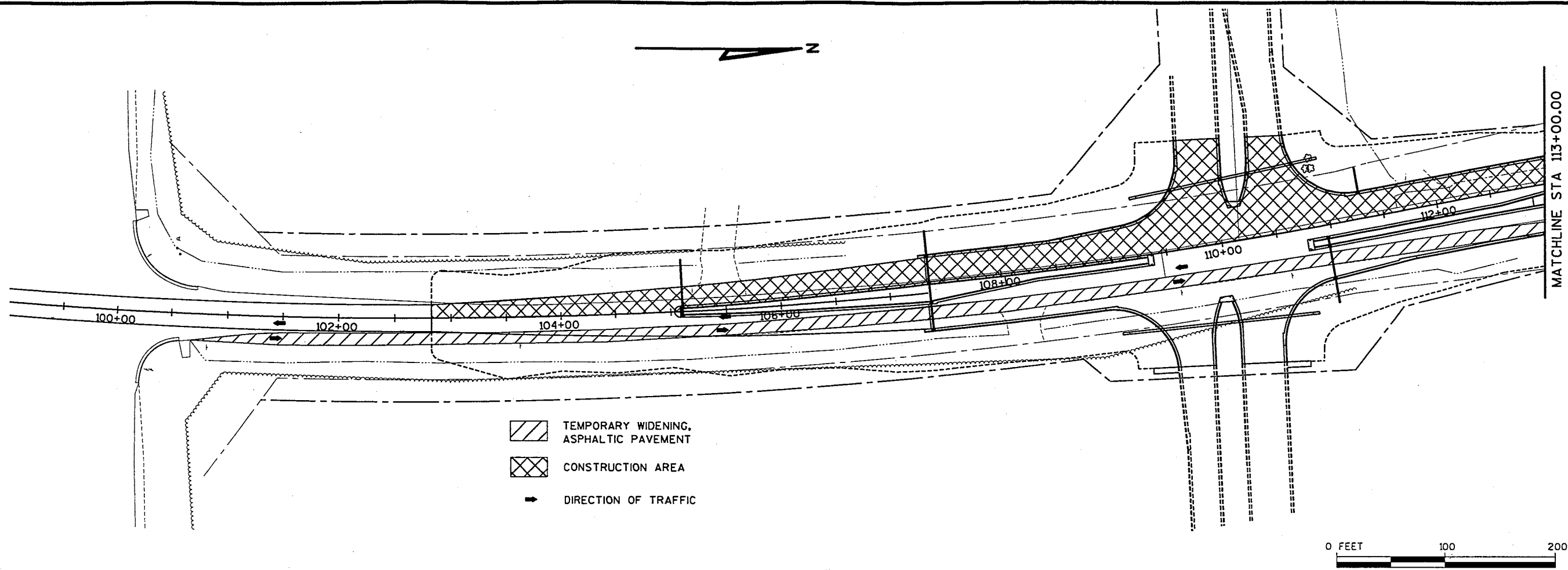
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 APP BY:




CONTRACTOR:
 CONSTRUCTED:
 NOTE:

PAVEMENT MARKING AND SIGNING DETAIL
 CTH "X"
 VILLAGE OF WESTON, WISCONSIN

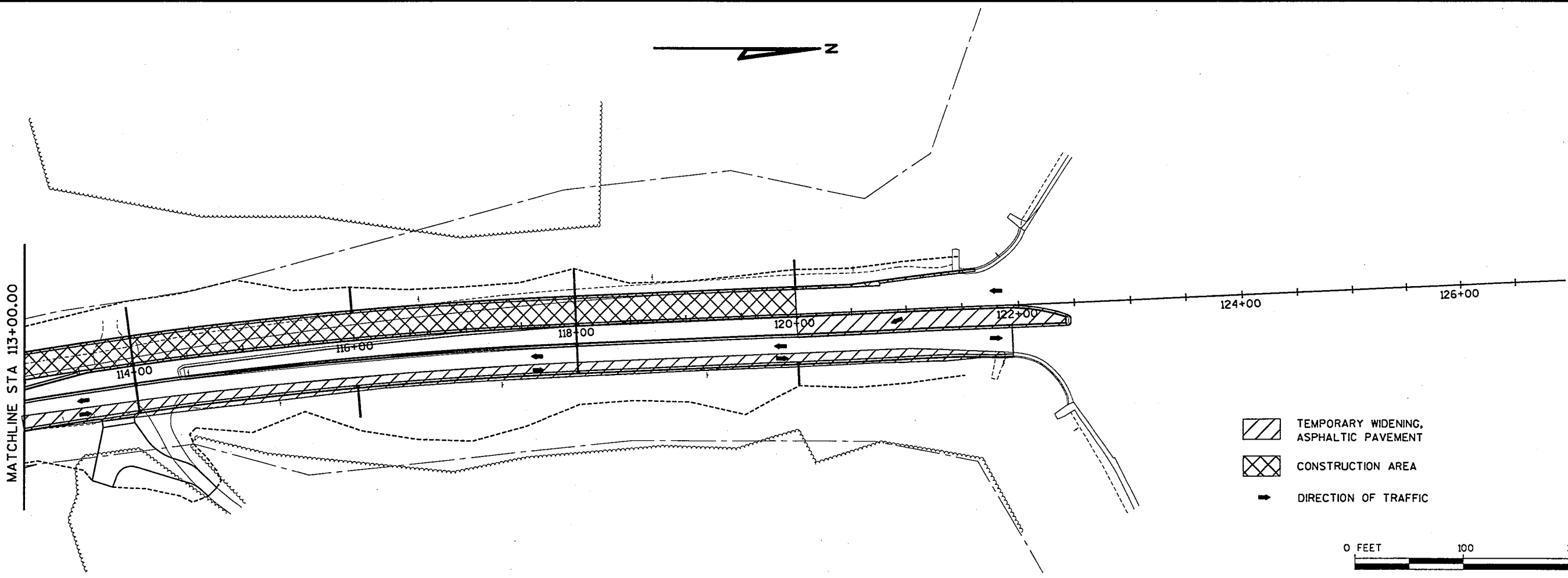
DRAWING NO.
620-750-06




SHFT 6 OF 22



-  TEMPORARY WIDENING, ASPHALTIC PAVEMENT
-  CONSTRUCTION AREA
-  DIRECTION OF TRAFFIC

0 FEET 100 200



-  TEMPORARY WIDENING, ASPHALTIC PAVEMENT
-  CONSTRUCTION AREA
-  DIRECTION OF TRAFFIC

0 FEET 100 200

NO.	REVISION	BY	DATE	RECORD DRAWING

DATE: 05 MAR 99
 DES BY: HJS
 DWN BY: HJS
 PRINTED:

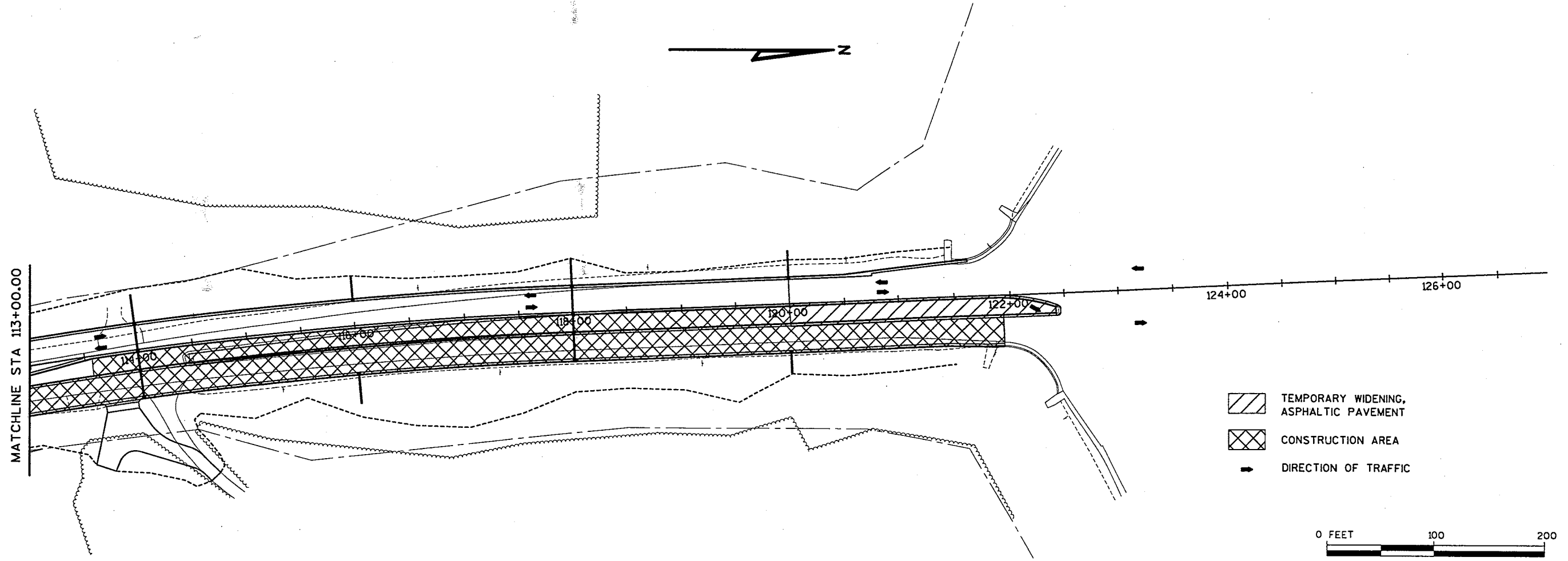
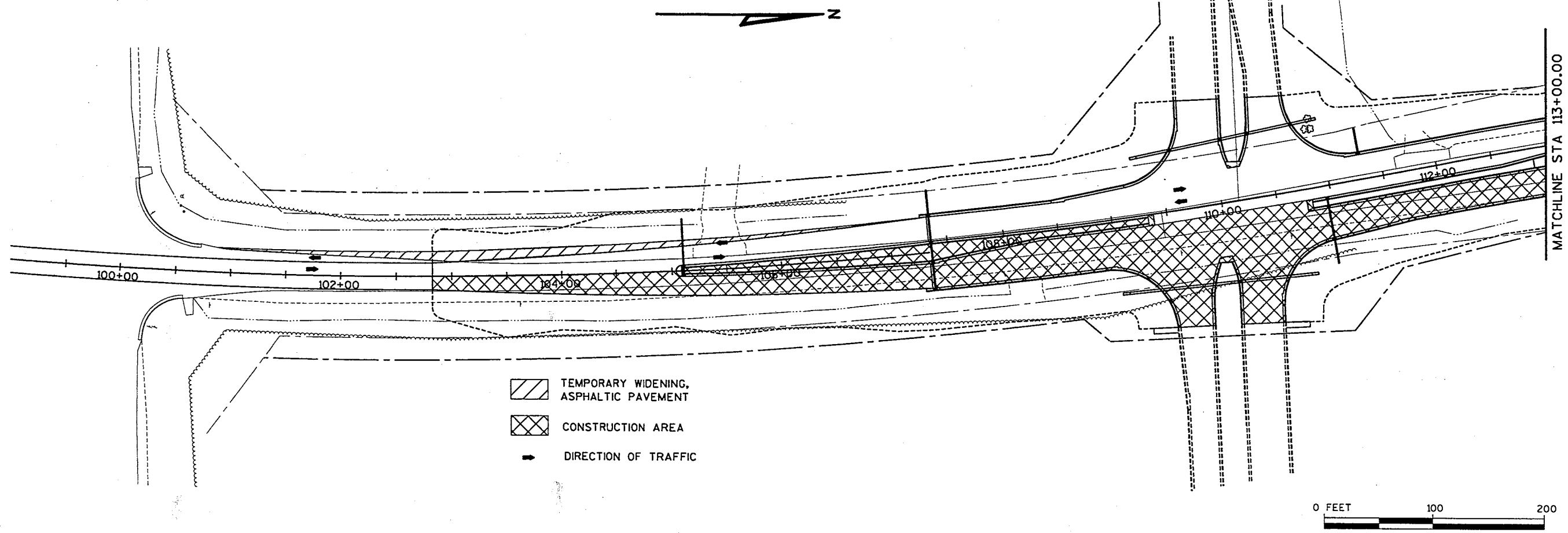
CHK BY: BMA
 APP BY:

BY: _____
 DATE: _____
 CONTRACTOR: _____
 CONSTRUCTED: _____
 NOTE: _____

CONSTRUCTION STAGING, STAGE I
 CTH "X"
 VILLAGE OF WESTON, WISCONSIN



DRAWING NO.
620-750-08



RECORD DRAWING

NO.	REVISION	BY	DATE

DATE: 05 MAR 99
 DES BY: HJS
 DRN BY: HJS
 PRINTED:

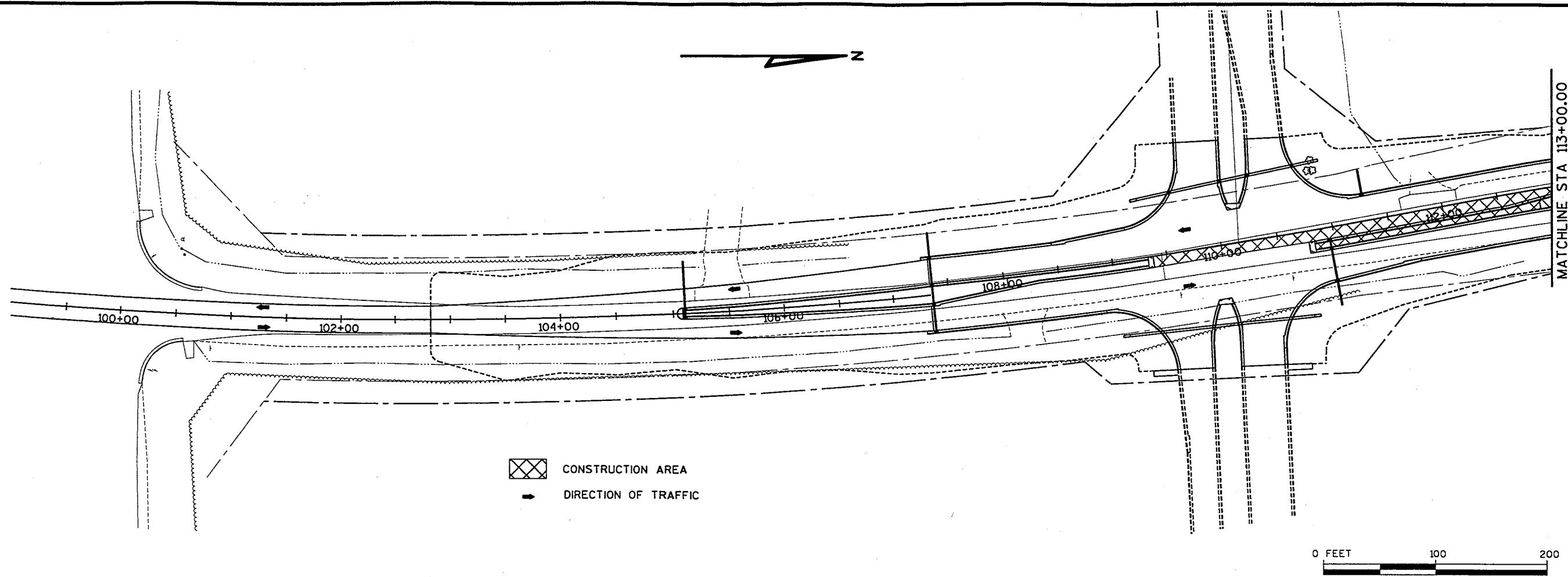
CHK BY: BMA
 APP BY:



CONTRACTOR:
 CONSTRUCTED:
 NOTE:

CONSTRUCTION STAGING, STAGE II
 C.T.H. "X"
 VILLAGE OF WESTON, WISCONSIN

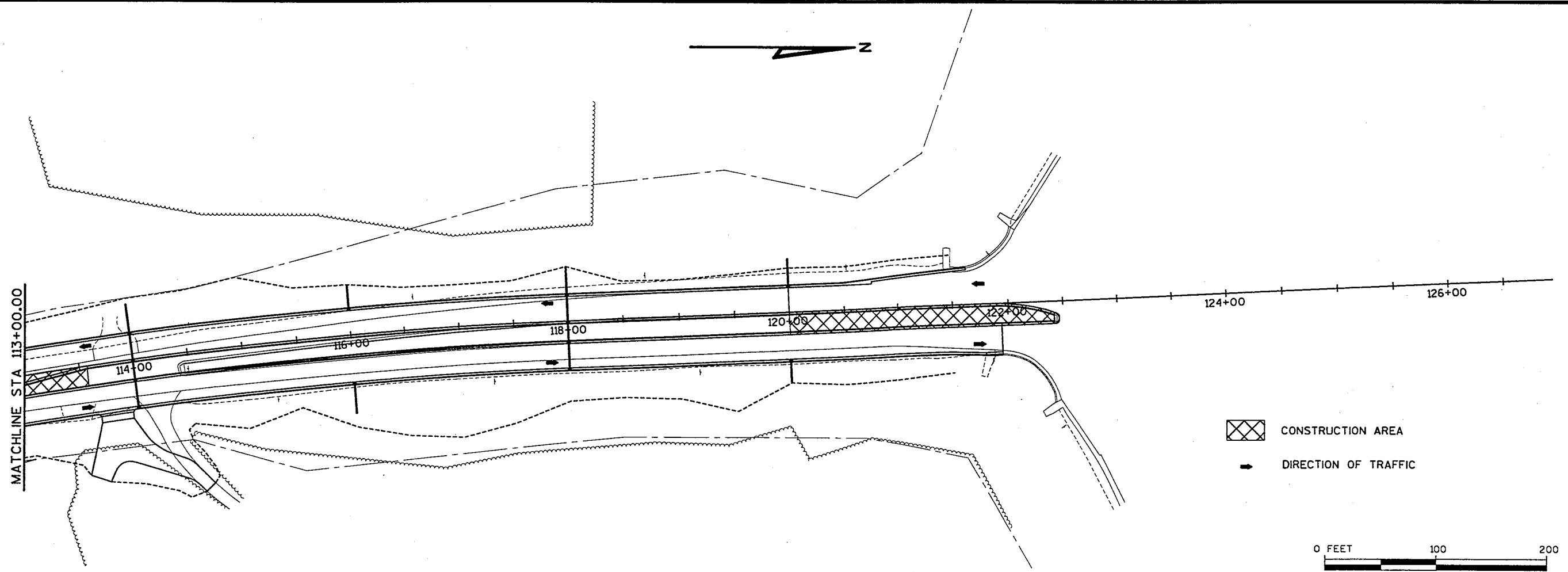
STRAND
ENGINEERING INC.
 310 WEST WINGRA DRIVE
 MADISON, WISCONSIN 53715
 (608) 251-4843



DRAWING NO.
620-750-09



 CONSTRUCTION AREA
 DIRECTION OF TRAFFIC

0 FEET 100 200



 CONSTRUCTION AREA
 DIRECTION OF TRAFFIC

0 FEET 100 200

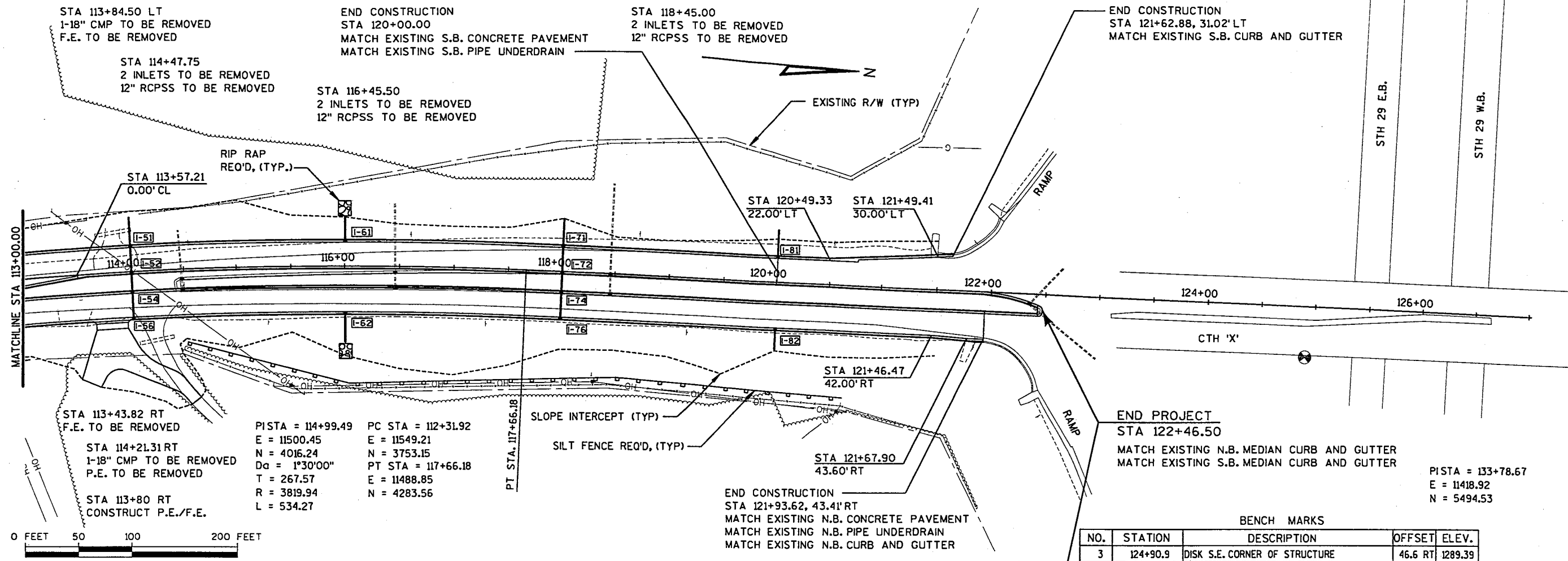
REVISION		BY	DATE	RECORD DRAWING
NO.				BY:
				DATE:
				CONTRACTOR:
				CONSTRUCTED:
				NOTE:

DATE: 05 MAR 99
 DES BY: HJS
 DWN BY: HJS
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CONSTRUCTION STAGING, STAGE III
 CTH "X"
 VILLAGE OF WESTON, WISCONSIN



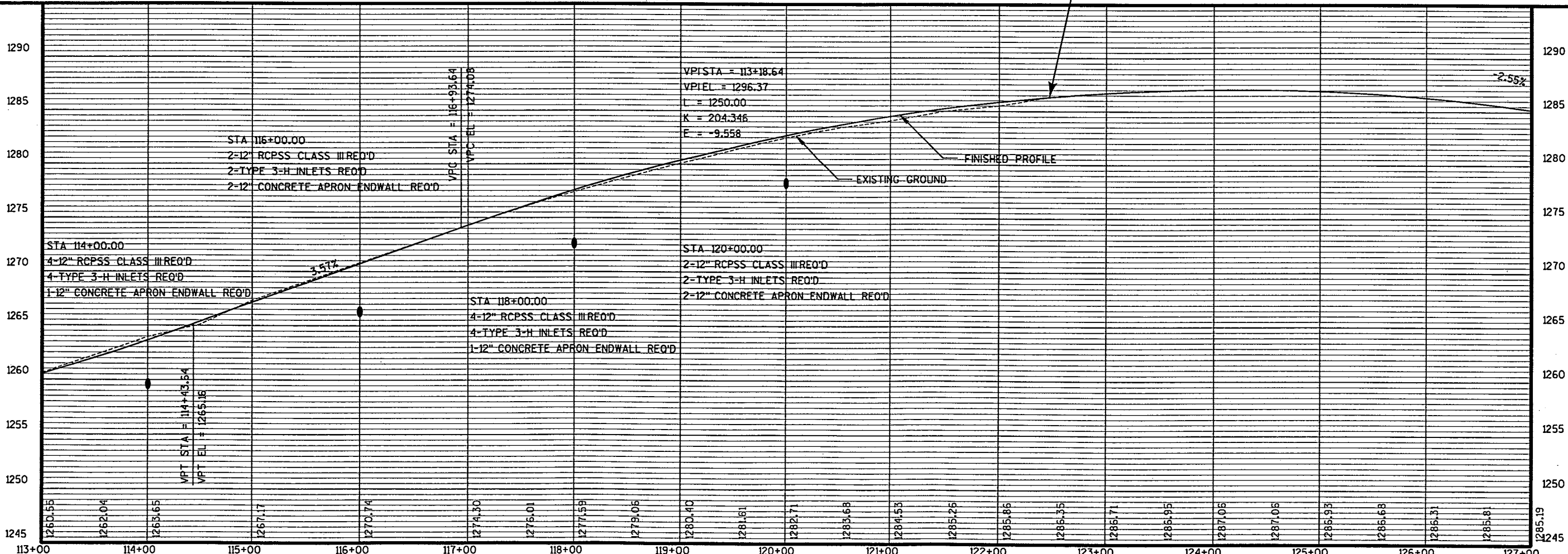
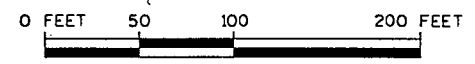
DRAWING NO.
620-750-10



PISTA = 114+99.49 PC STA = 112+31.92
 E = 11500.45 E = 11549.21
 N = 4016.24 N = 3753.15
 Δα = 1°30'00" PT STA = 117+66.18
 T = 267.57 E = 11488.85
 R = 3819.94 N = 4283.56
 L = 534.27

BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
3	124+90.9	DISK S.E. CORNER OF STRUCTURE	46.6 RT	1289.39



RECORD DRAWING

NO.	REVISION	DATE	BY

DATE: 05 MAR 99
 DES BY: HJS
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 APP BY:

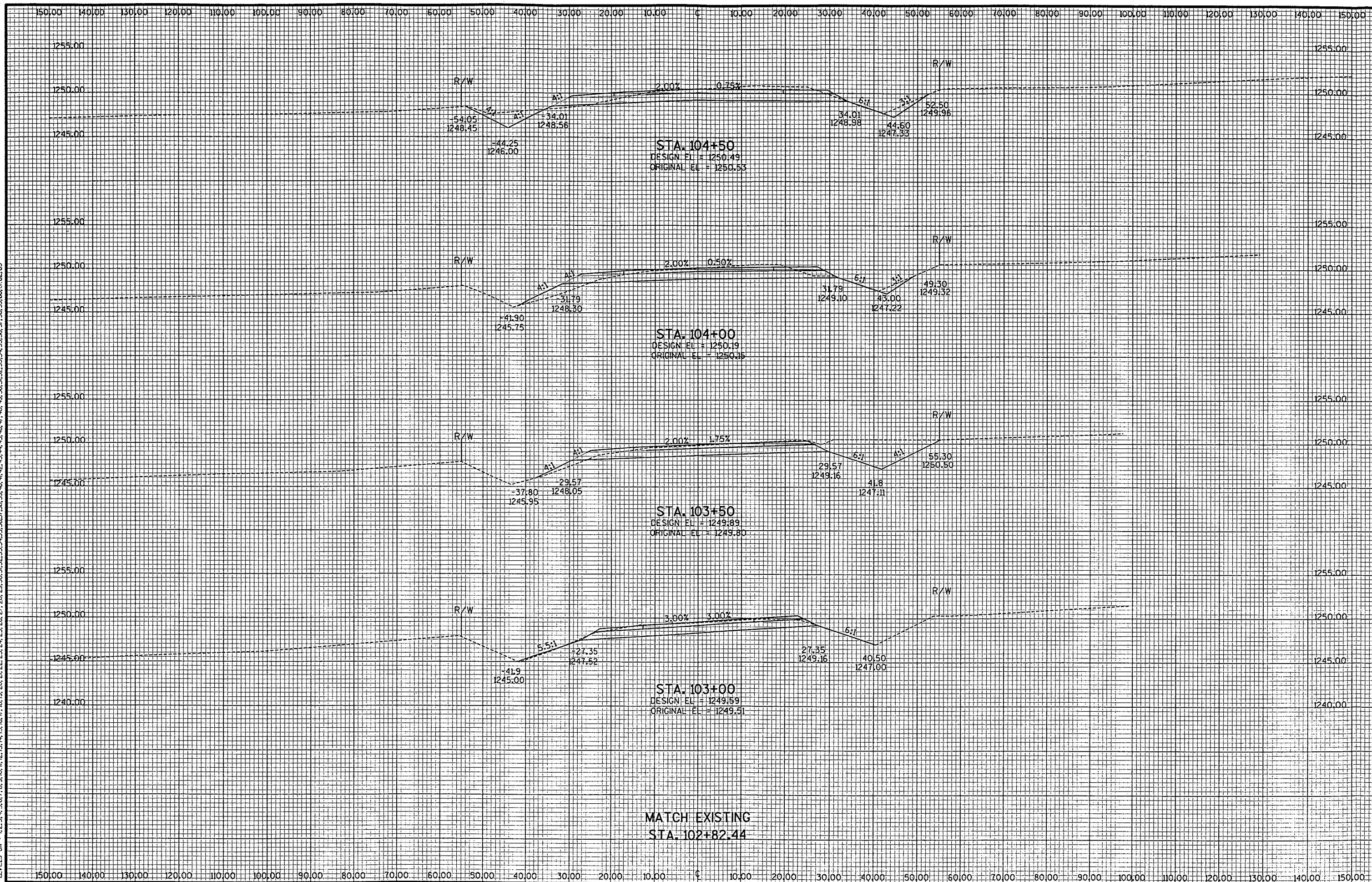
CONTRACTOR:
 CONSTRUCTED:
 NOTE:

PLAN AND PROFILE
 CTH "X"
 VILLAGE OF WESTON, WISCONSIN

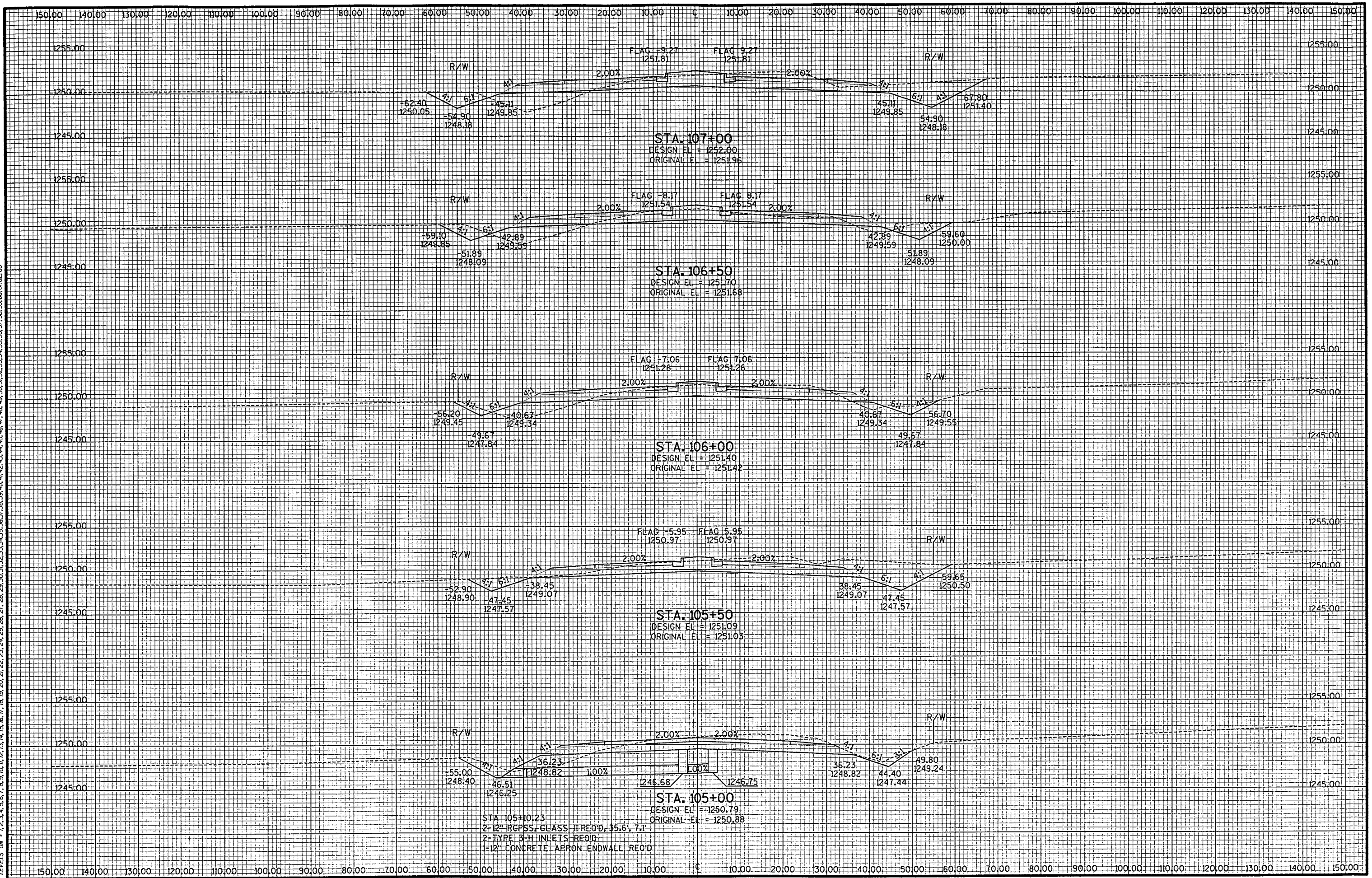


DRAWING NO.
620-750-12

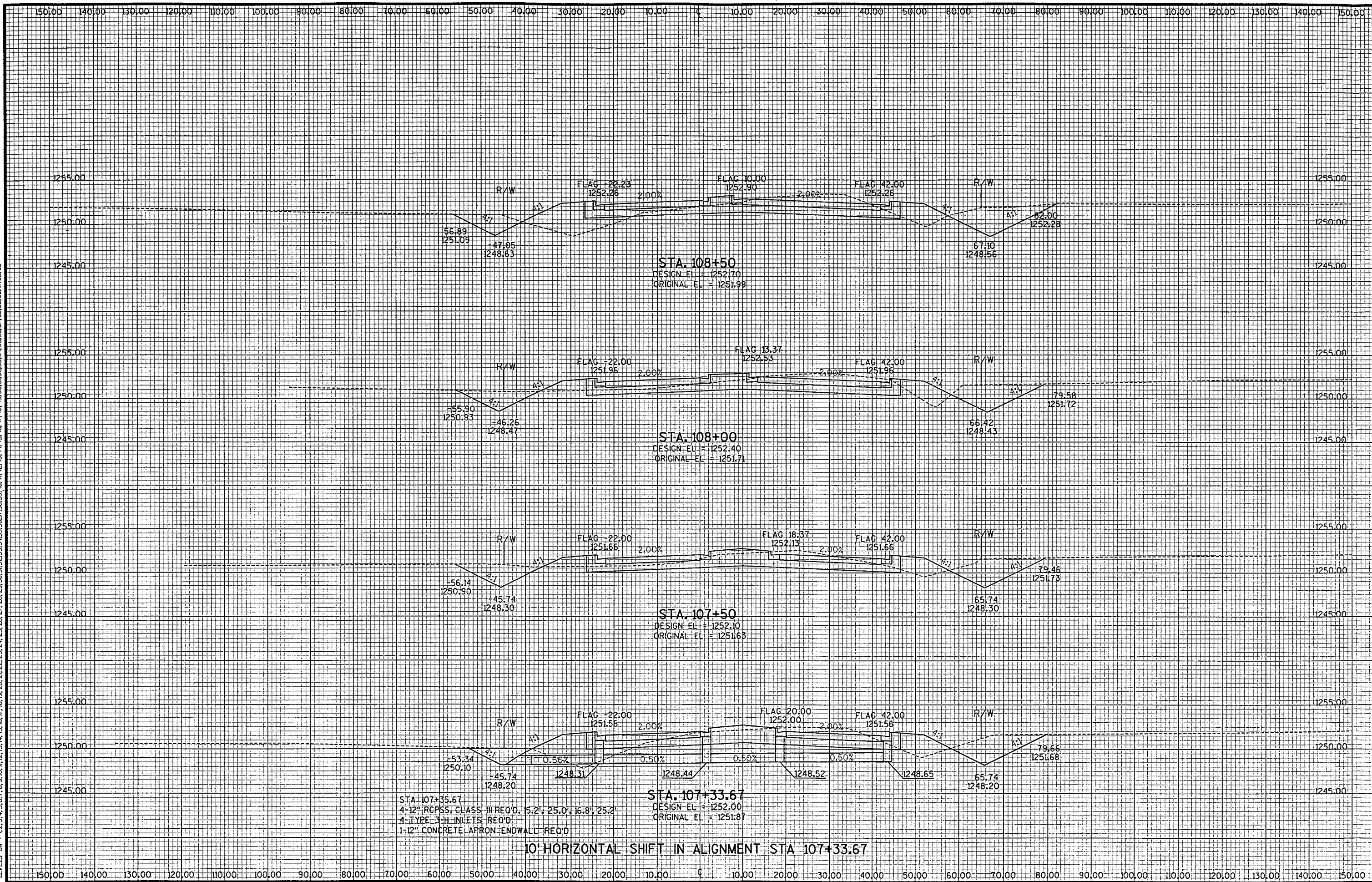
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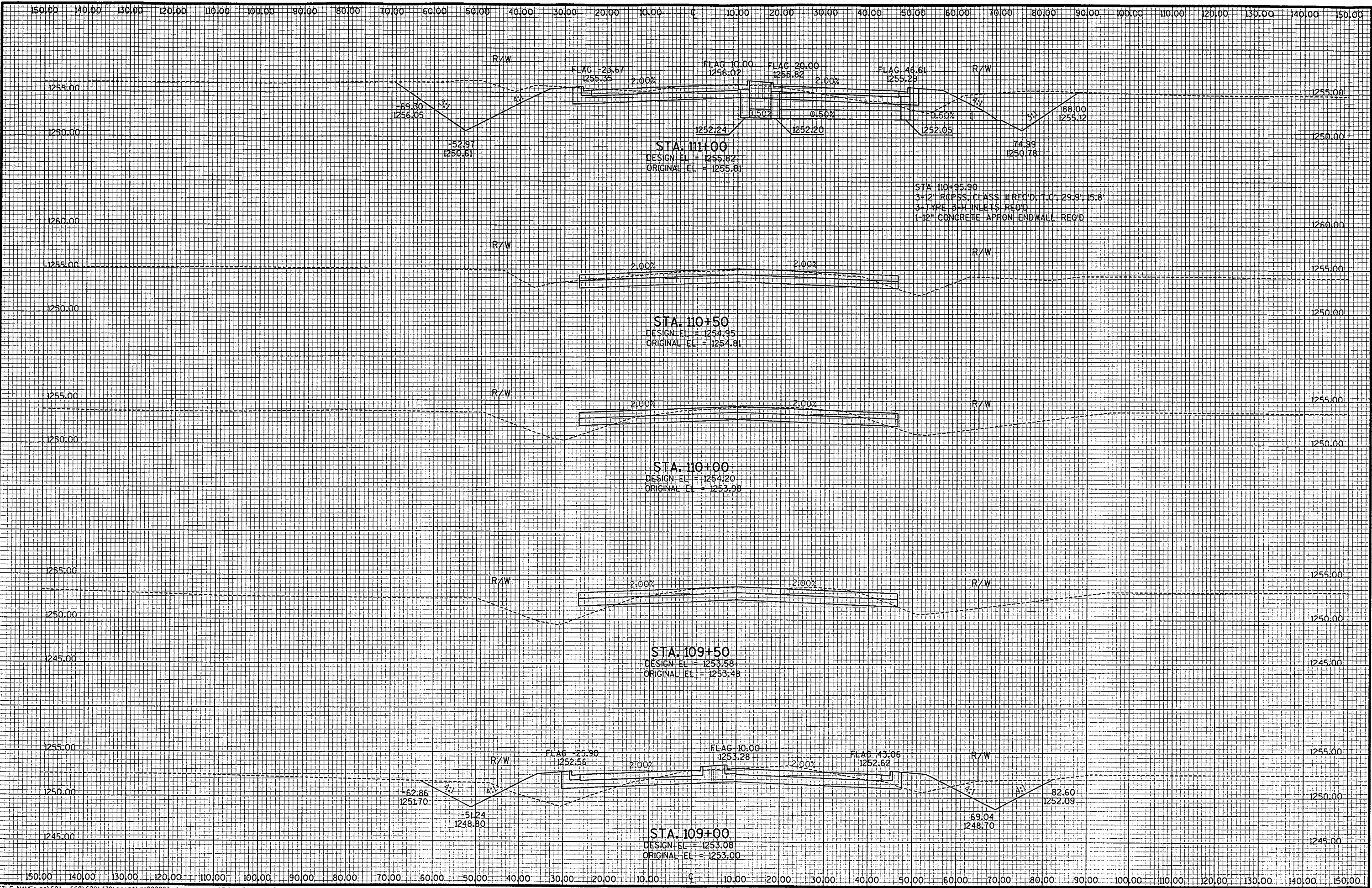
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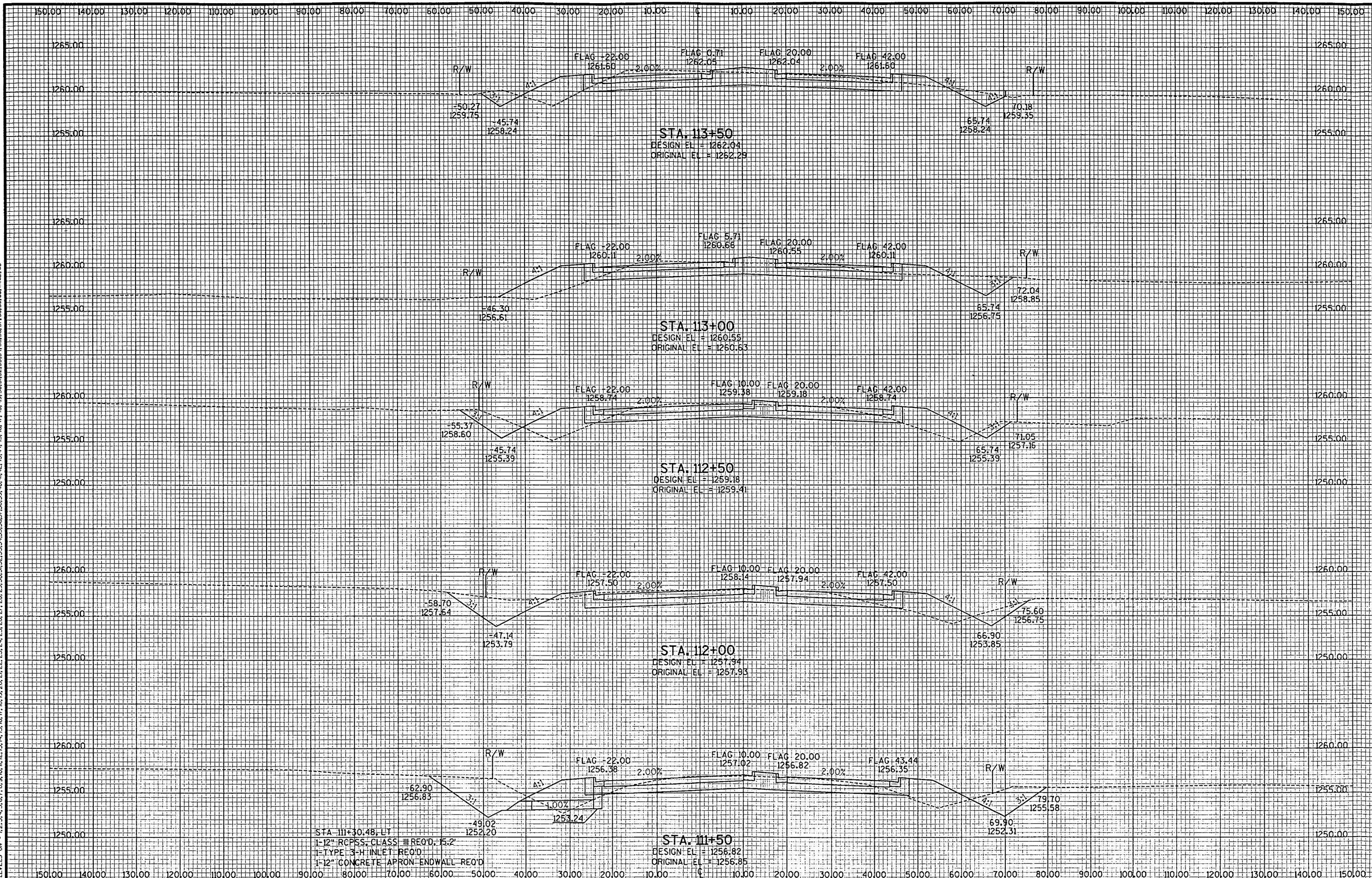
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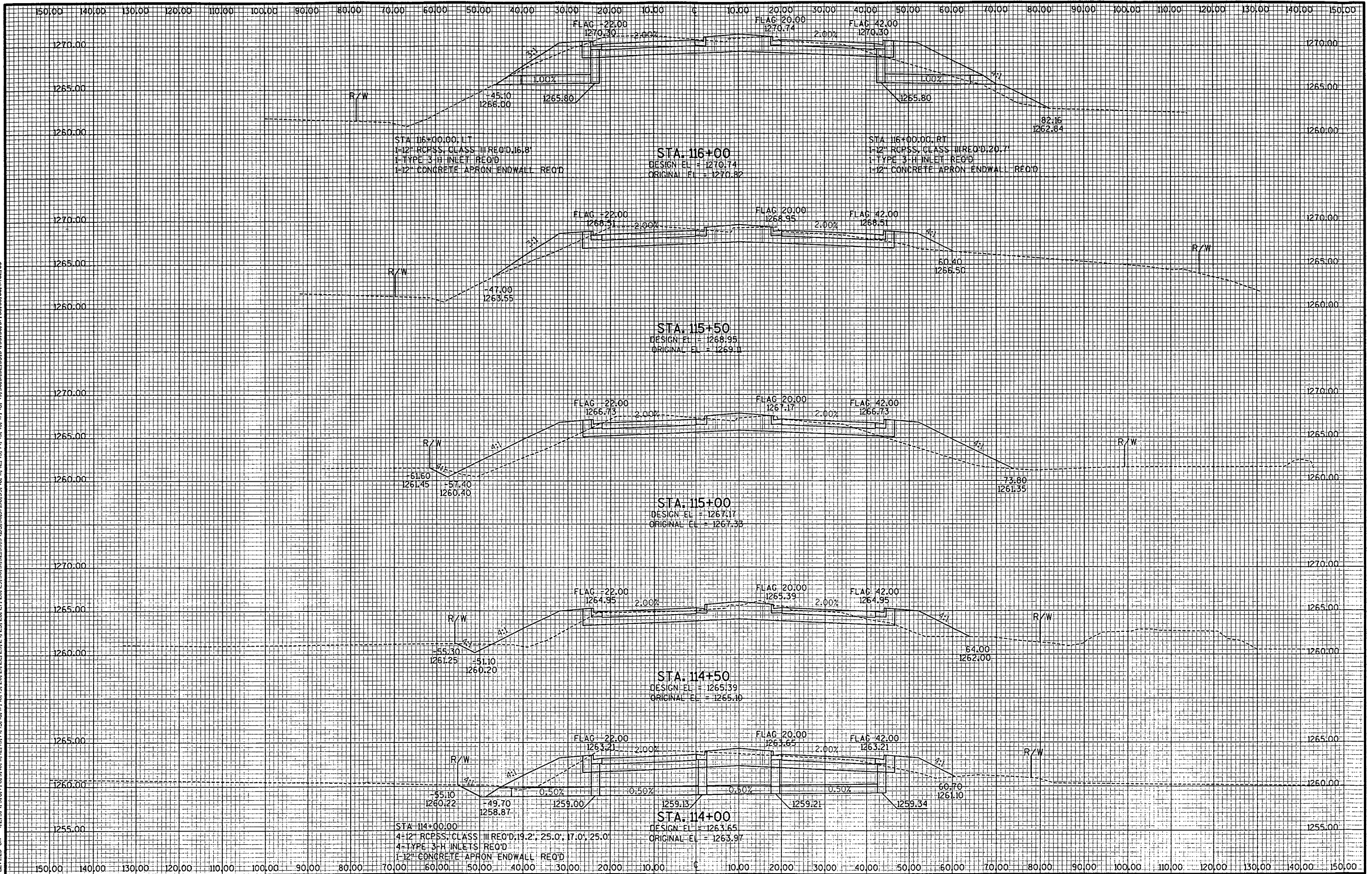
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LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



STA. 116+00.00, LT
1-12" RCPSS, CLASS III REQ'D 16.8"
1-TYPE 3-H INLET REQ'D
1-12" CONCRETE APRON ENDWALL REQ'D

STA. 116+00
DESIGN EL = 1270.74
ORIGINAL EL = 1270.82

STA. 116+00.00, RT
1-12" RCPSS, CLASS III REQ'D 20.7"
1-TYPE 3-H INLET REQ'D
1-12" CONCRETE APRON ENDWALL REQ'D

STA. 115+50
DESIGN EL = 1268.95
ORIGINAL EL = 1269.11

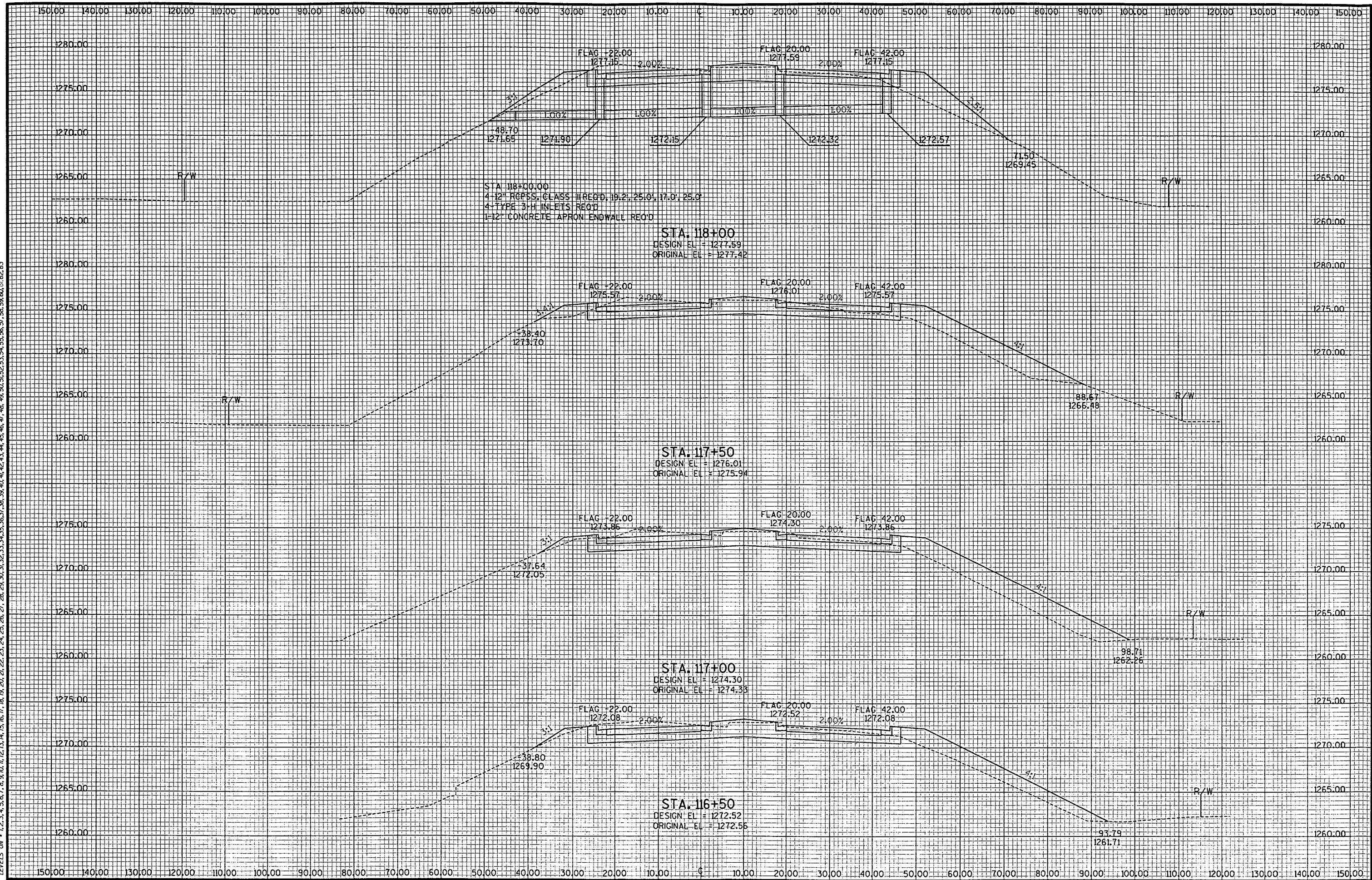
STA. 115+00
DESIGN EL = 1267.17
ORIGINAL EL = 1267.33

STA. 114+50
DESIGN EL = 1265.39
ORIGINAL EL = 1265.40

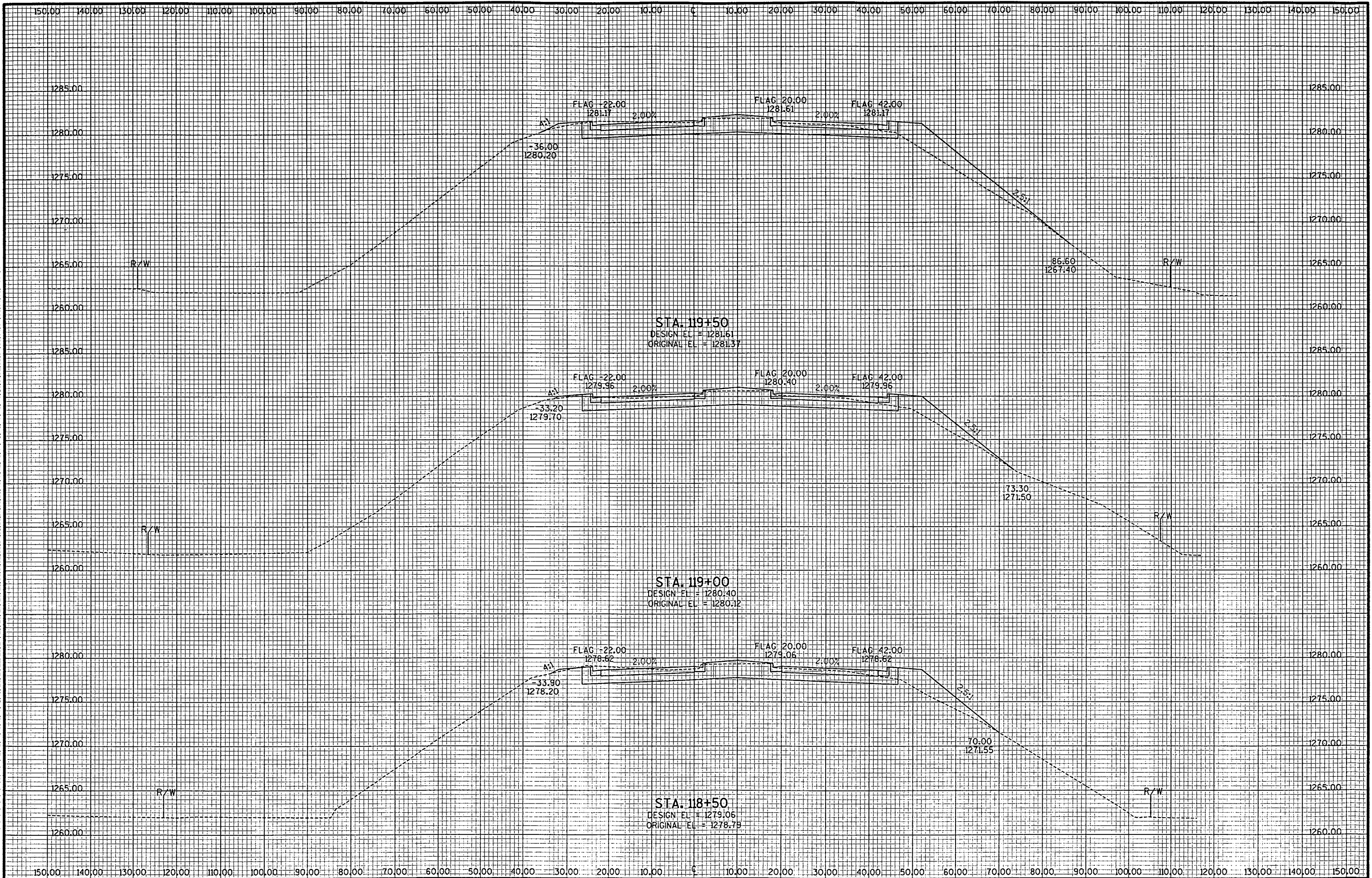
STA. 114+00.00
4-12" RCPSS, CLASS III REQ'D 19.2', 25.0', 17.0', 25.0'
4-TYPE 3-H INLETS REQ'D
1-12" CONCRETE APRON ENDWALL REQ'D

STA. 114+00
DESIGN EL = 1263.65
ORIGINAL EL = 1263.97

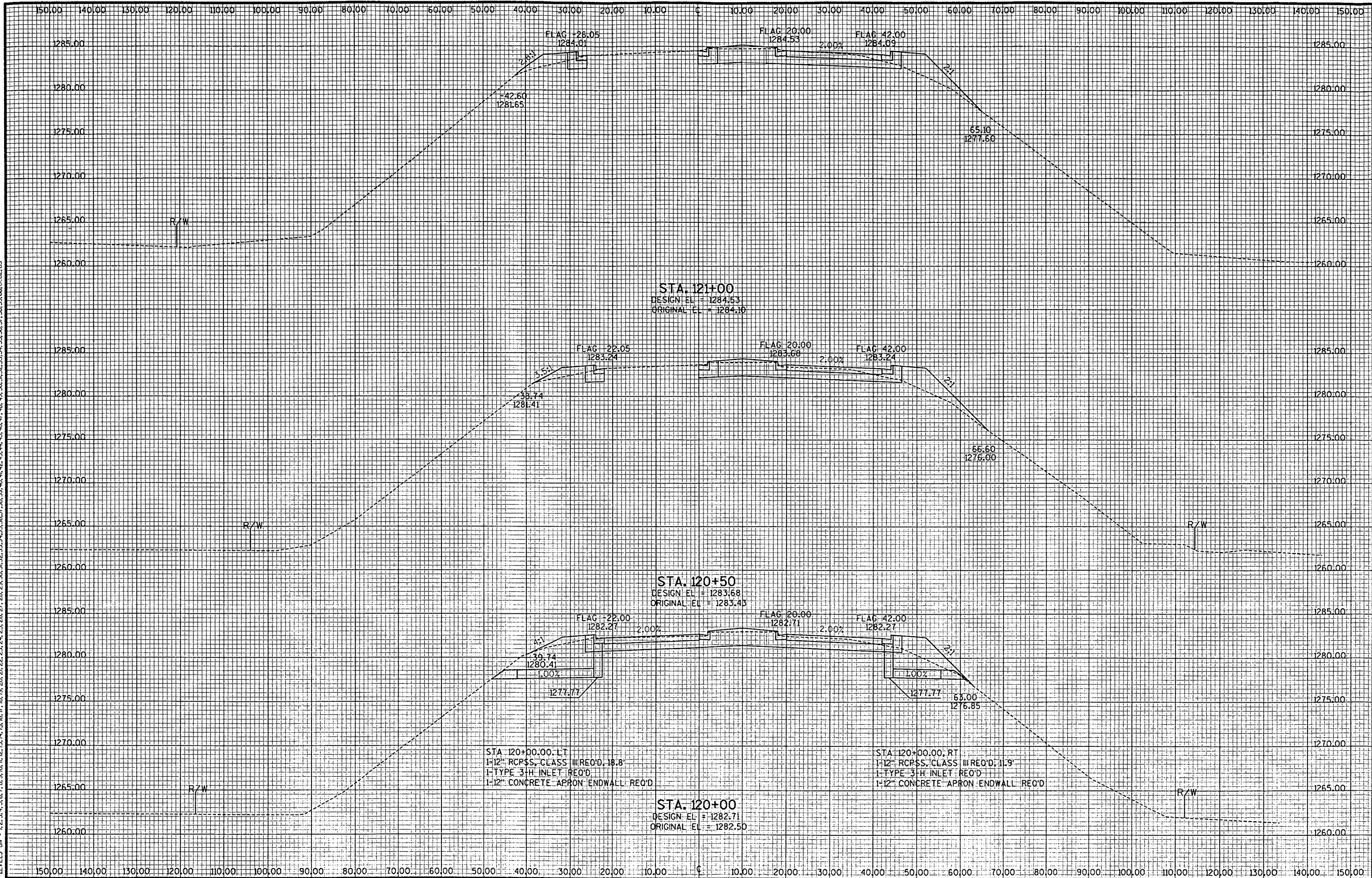
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



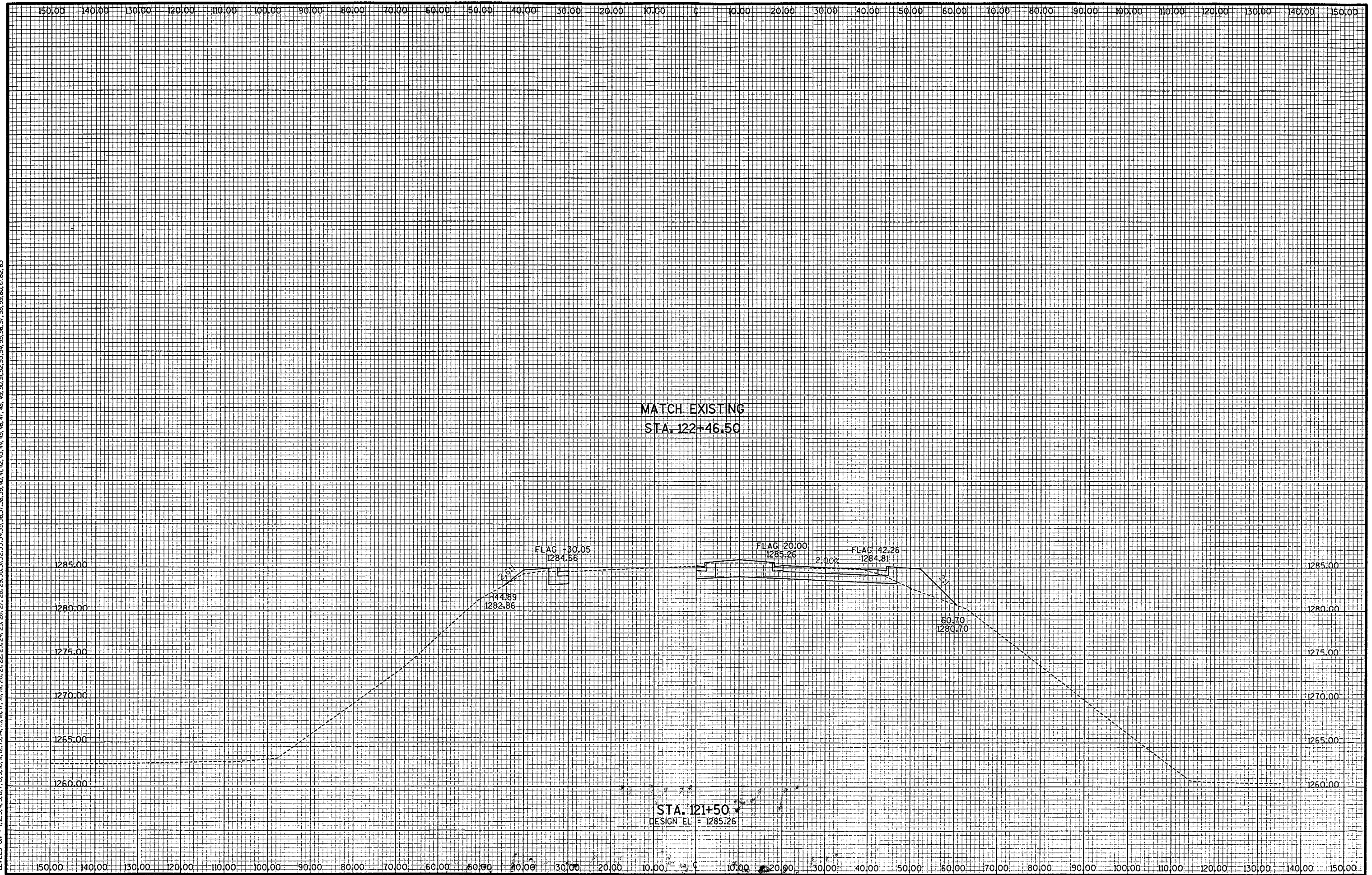
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



MATCH EXISTING
STA. 122+46.50

STA. 121+50
DESIGN EL. = 1285.26