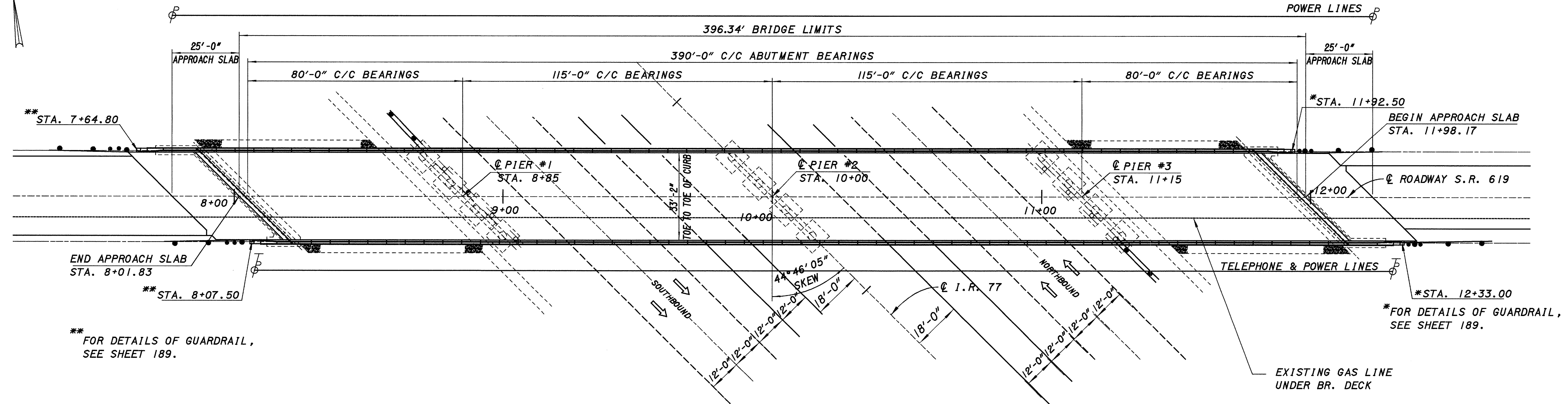
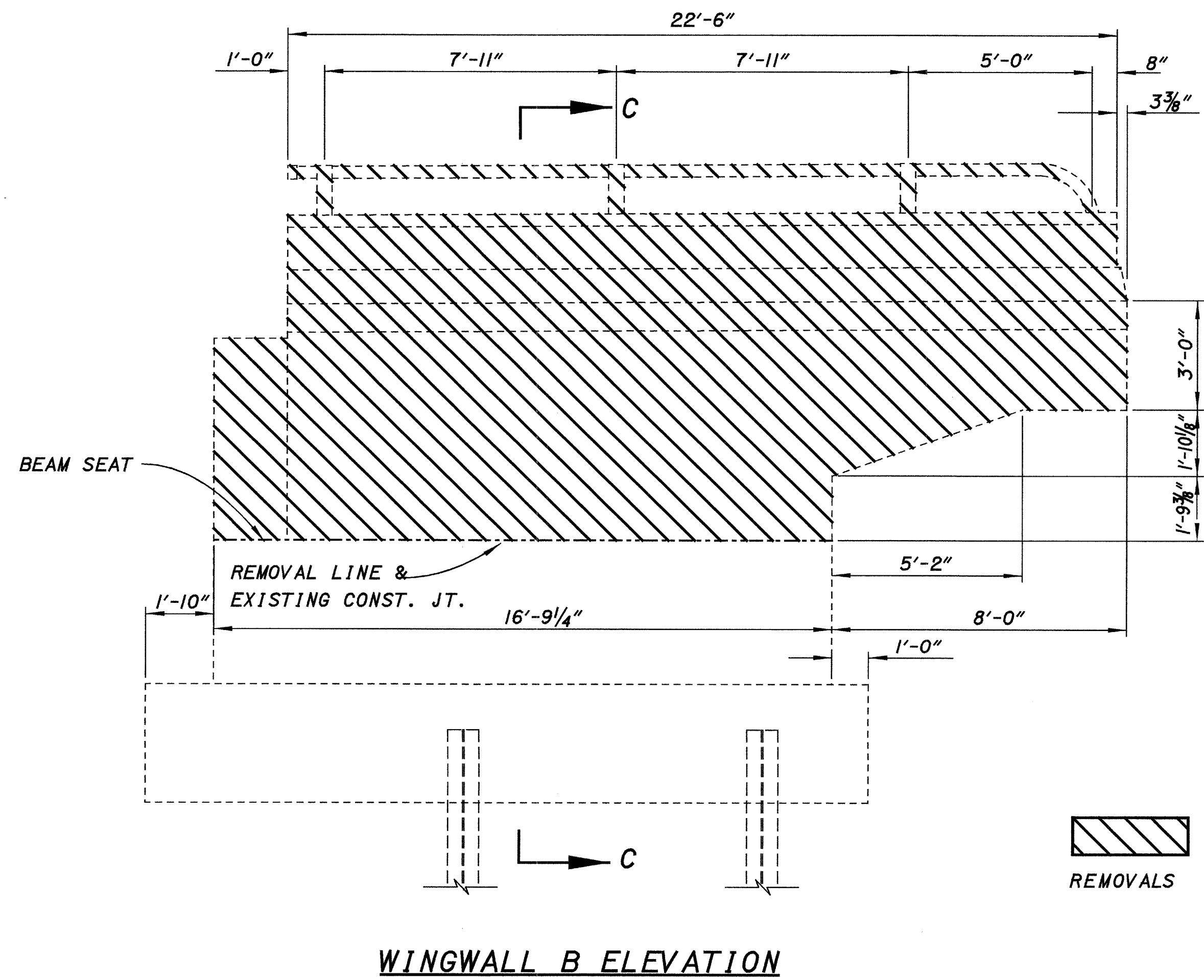
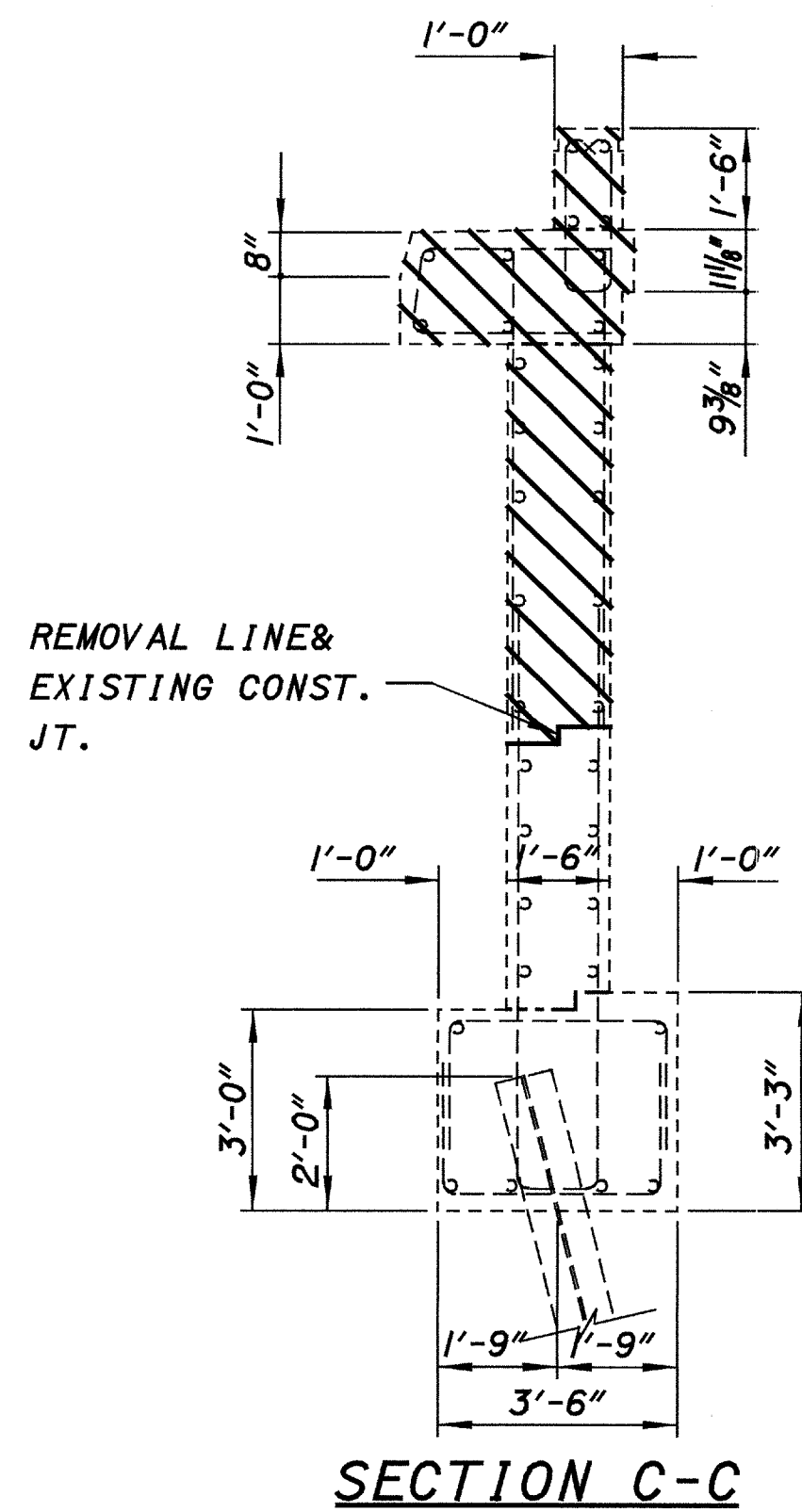
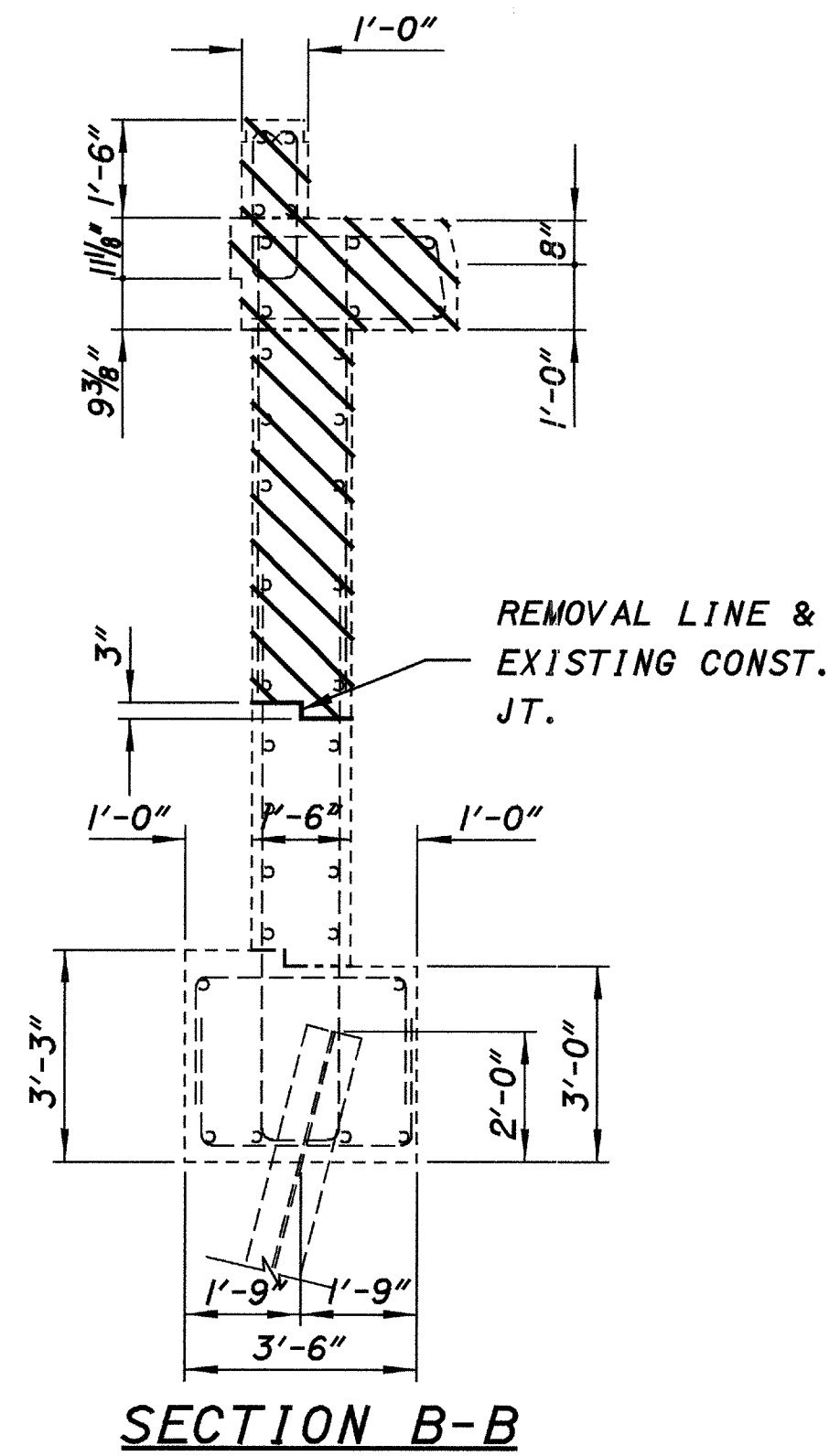
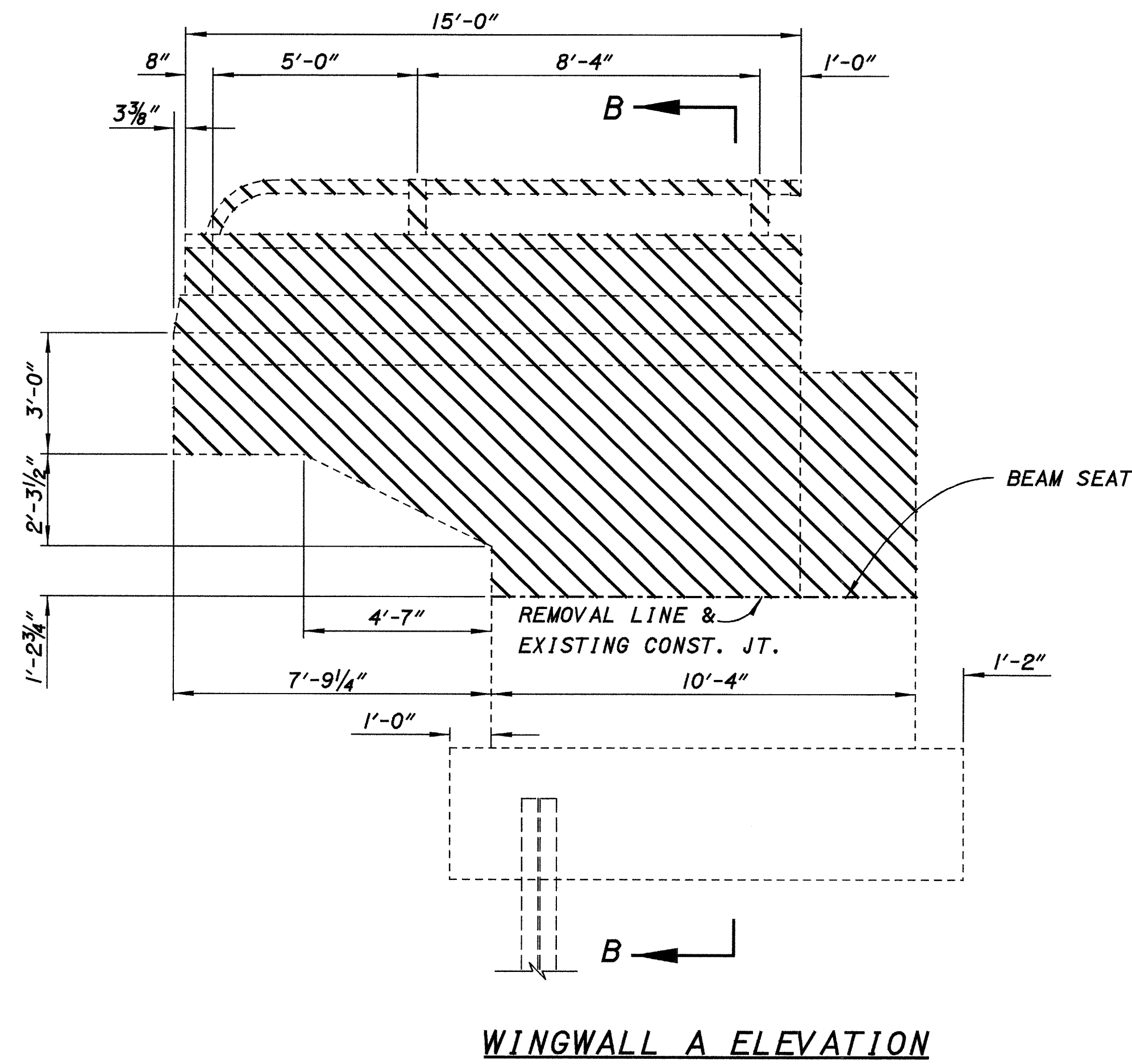


ITEM 601 CRUSHED AGGREGATE SLOPE PROTECTION
 *(51.5)(1)(42.6667)+9=244.15 SQ.YD.
 **(46.8)(1)(42.6667)+9=221.87 SQ.YD.
446.02 SQ.YD. (446 SQ.YD.)

[illegible]

S07705S/ SCALE / 11-19-97



FOR ADDITIONAL NOTES,
SEE SHEET 4/23.

EXISTING REAR WINGWALL REMOVAL
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

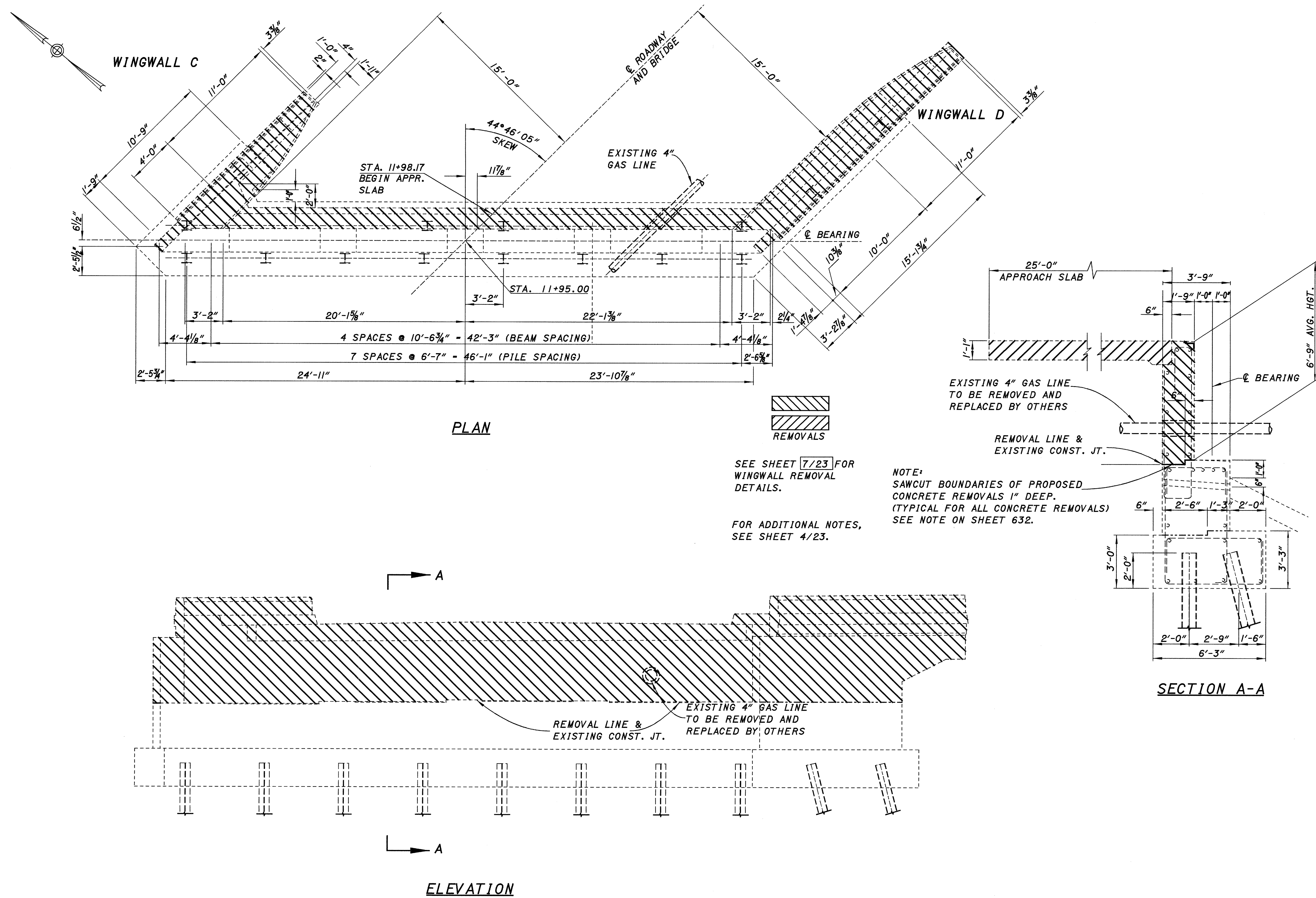
5 / 23

681
772

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

DATE
11-21-97
REVIEWED
11-21-97
STRUCTURE FILE NUMBER
771131

DESIGNED
ASD
CHECKED
MW
TAG
12-31-97
REVISED



EXISTING FORWARD ABUTMENT
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

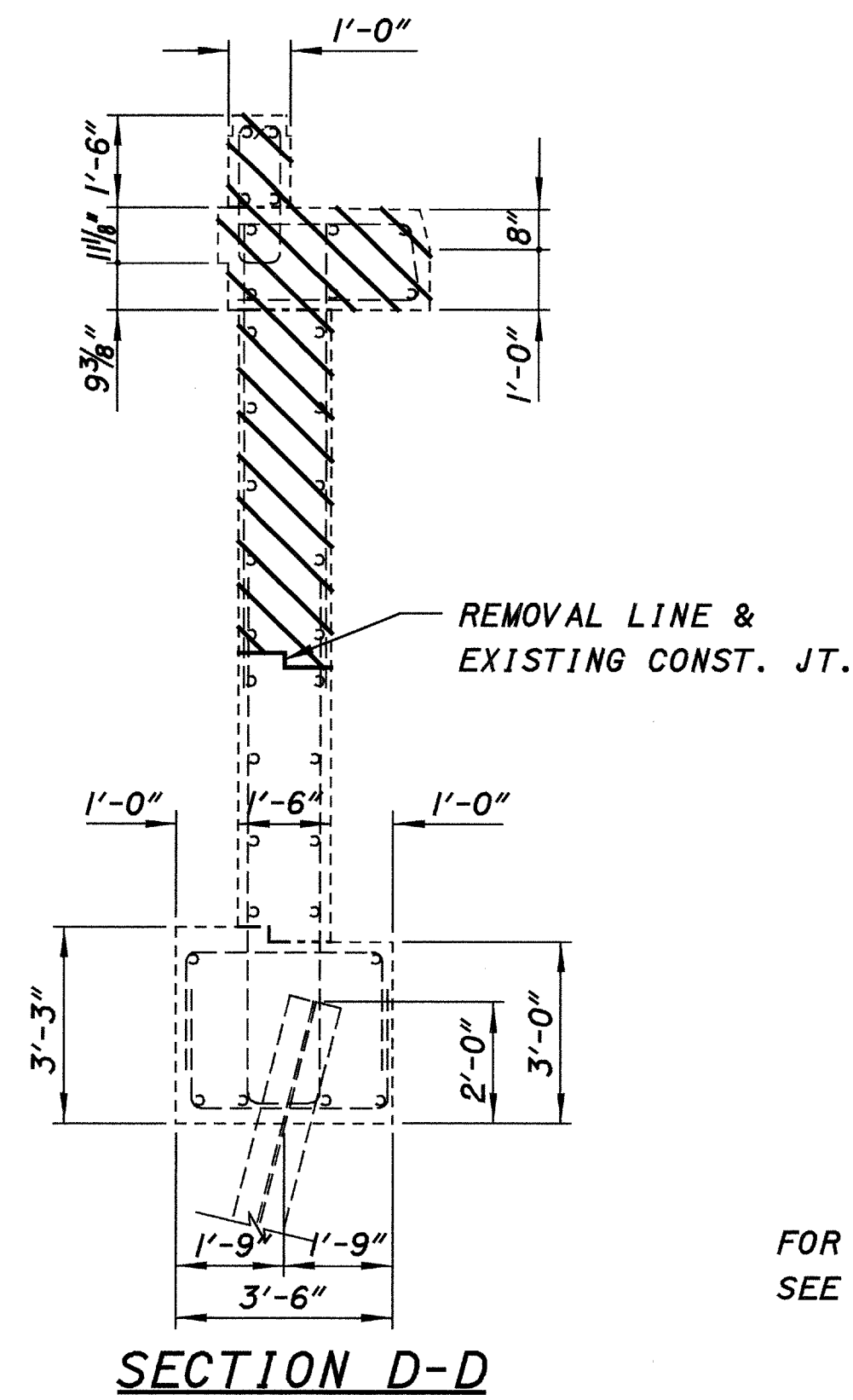
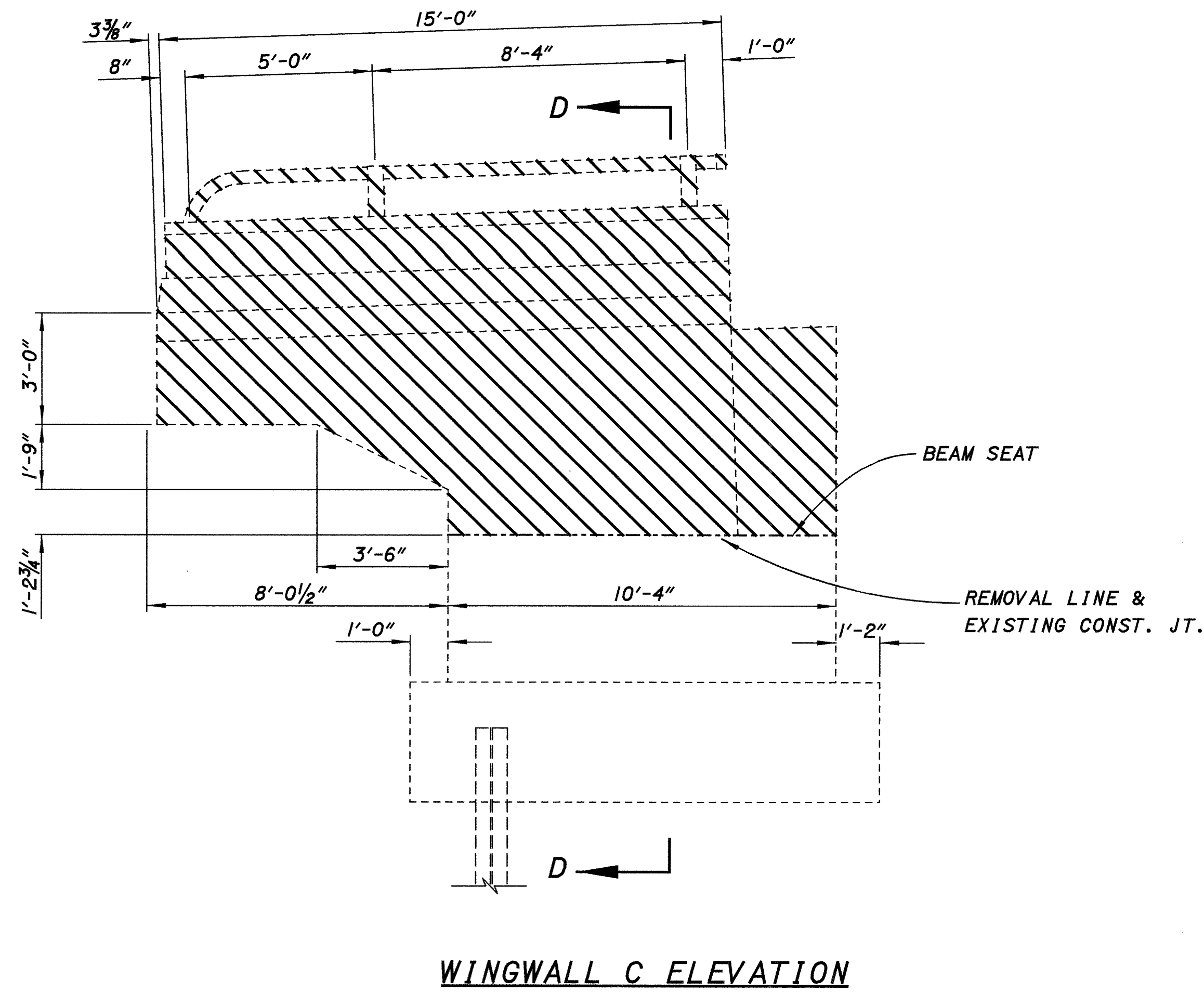
SUM-77-3.97

6 / 23

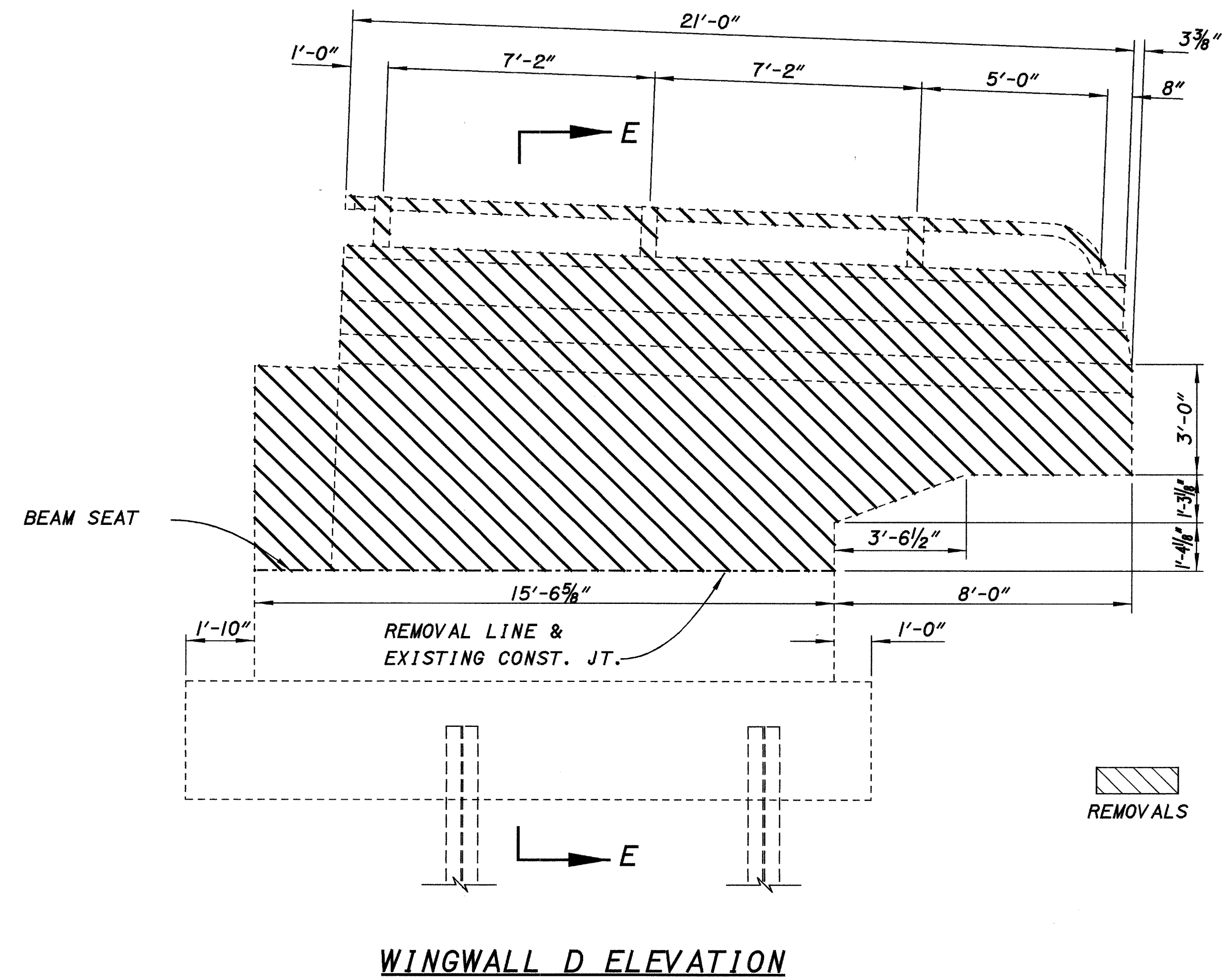
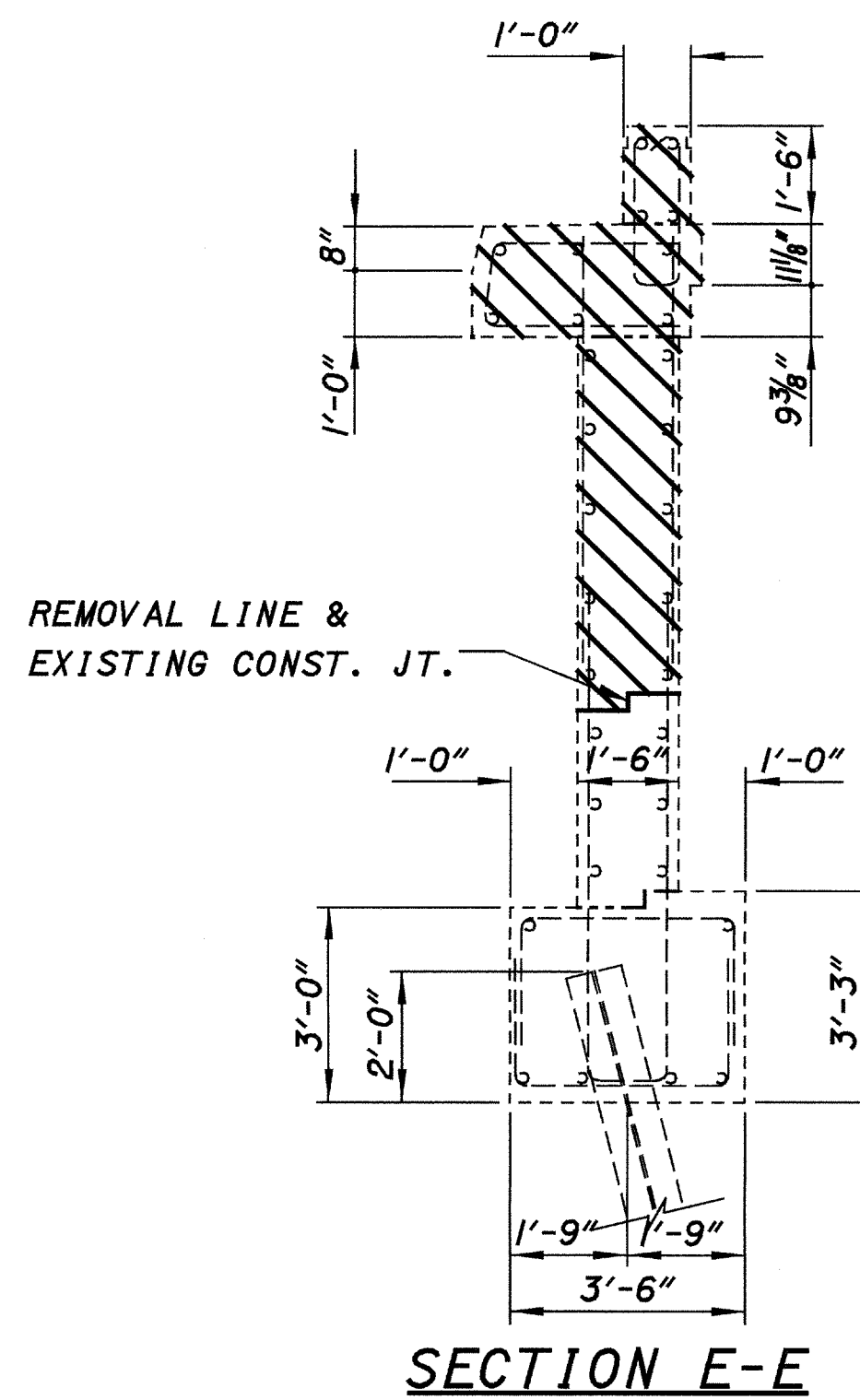
682
772

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

DESIGNED	REVIEWED	DATE
RSD	2	11/24/97
CHECKED	7711131	STRUCTURE FILE NUMBER
W	12-31-97	



FOR ADDITIONAL NOTES,
SEE SHEET 4/23.



EXISTING FORWARD WINGWALL REMOVAL
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

7 / 23

683
772

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

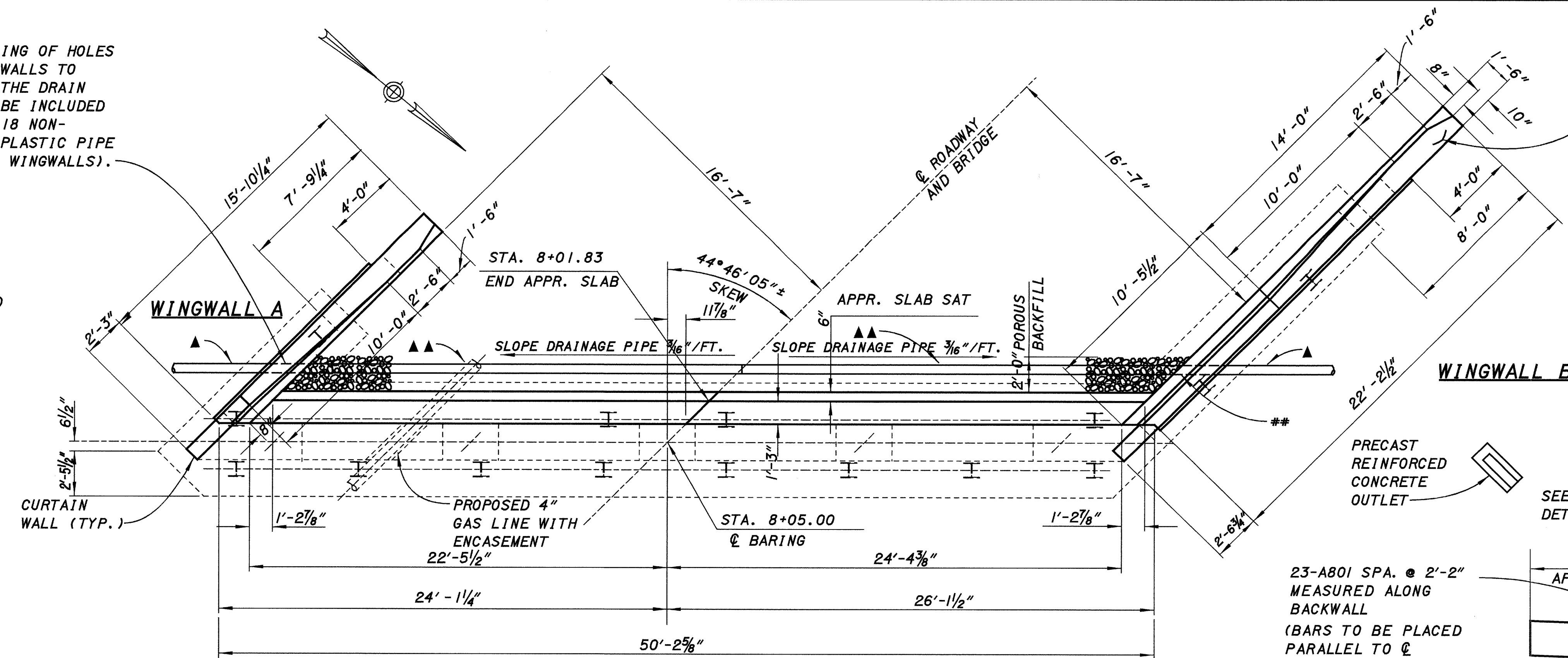
DATE
11/24/97
REVIEWED
6
STRUCTURE FILE NUMBER
771131

DRAWN
TAG
REVISED
12-31-97

DESIGNED
RSD
CHECKED
NN

NOTE: DRILLING OF HOLES
IN THE WINGWALLS TO
ACCOMMODATE THE DRAIN
PIPE SHALL BE INCLUDED
WITH ITEM 518 NON-
PERFORATED PLASTIC PIPE
(TYP. ALL 4 WINGWALLS).

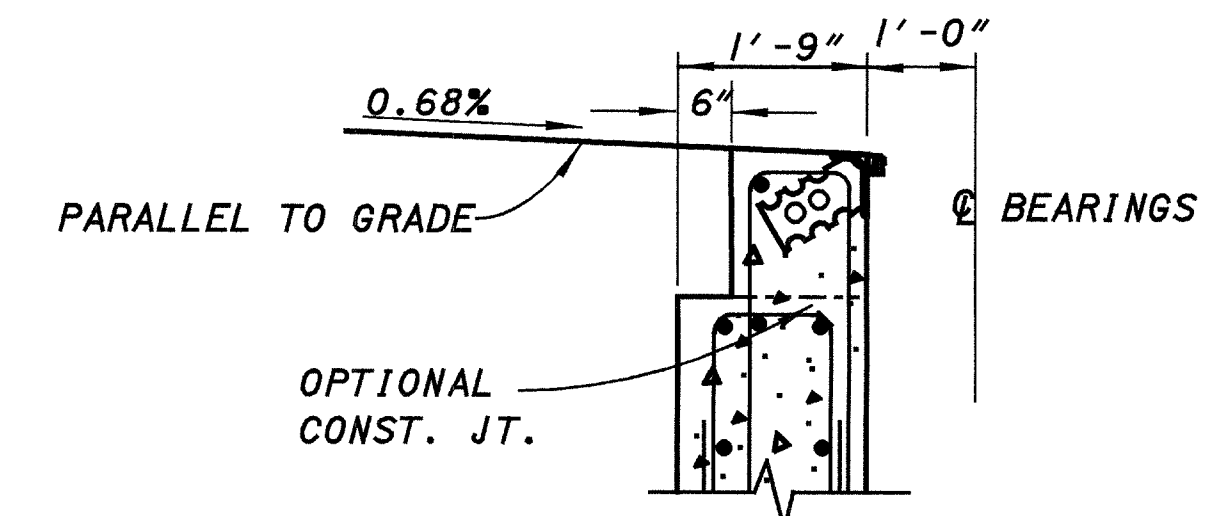
PRECAST
REINFORCED
CONCRETE
OUTLET



Technical drawing of a bridge deck cross-section showing reinforcement details. The drawing includes a top view of the deck with reinforcement bars (A501, A502) and a side view showing the deck thickness and reinforcement layout. Key dimensions include a total width of 46'-0" for the main deck, a 6" overhang on the left, and a 4 1/8" overhang on the right. Reinforcement bars are labeled with callouts such as "3-A501", "2-A501", and "2-A502". Elevation markers "EL. 1162.95" and "EL. 1163.17" are shown. A note at the bottom left states "TO BE FIELD ADJUSTED". A note at the top right states "FURNISHED BY UTILITY OWNER INSTALLED BY TRACTOR."

RE-STEEL TO BE FIELD ADJUSTED
TO ACCOMMODATE PROPOSED 4"
GAS LINE AND ENCASEMENT

▲ ITEM 518 NON-PERFORATED CORRUGATED PLASTIC PIPE
▲▲ ITEM 518 PERFORATED CORRUGATED PLASTIC PIPE



PRECAST
REINFORCED
CONCRETE
OUTLET

23-A801 SPA. @ 2'-2"
MEASURED ALONG
BACKWALL
(BARS TO BE PLACED
PARALLEL TO &
ROADWAY)

PROPOSED 4" GASLINE -
TO BE INSTALLED BY
OTHERS.
THE SLEEVE SHALL BE -
FURNISHED BY THE
UTILITY OWNER AND
INSTALLED BY THE CON-
TRACTOR .

— C BEARING
— A602

EXISTING WEEPHOLES
SHALL BE COMPLETELY
PLUGGED WITH GROUT
AND INCLUDED FOR
PAYMENT WITH ITEM
518 POROUS BACKFILL
WITH FILTER FABRIC,
AS PER PLAN

LIMITS OF FILTER FABRIC

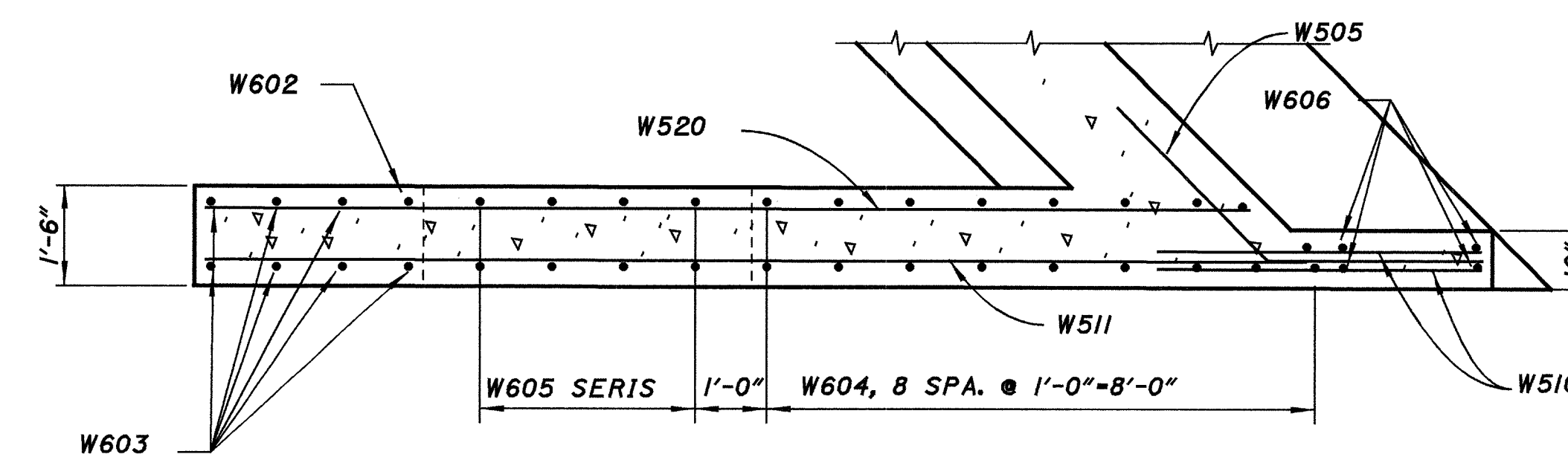
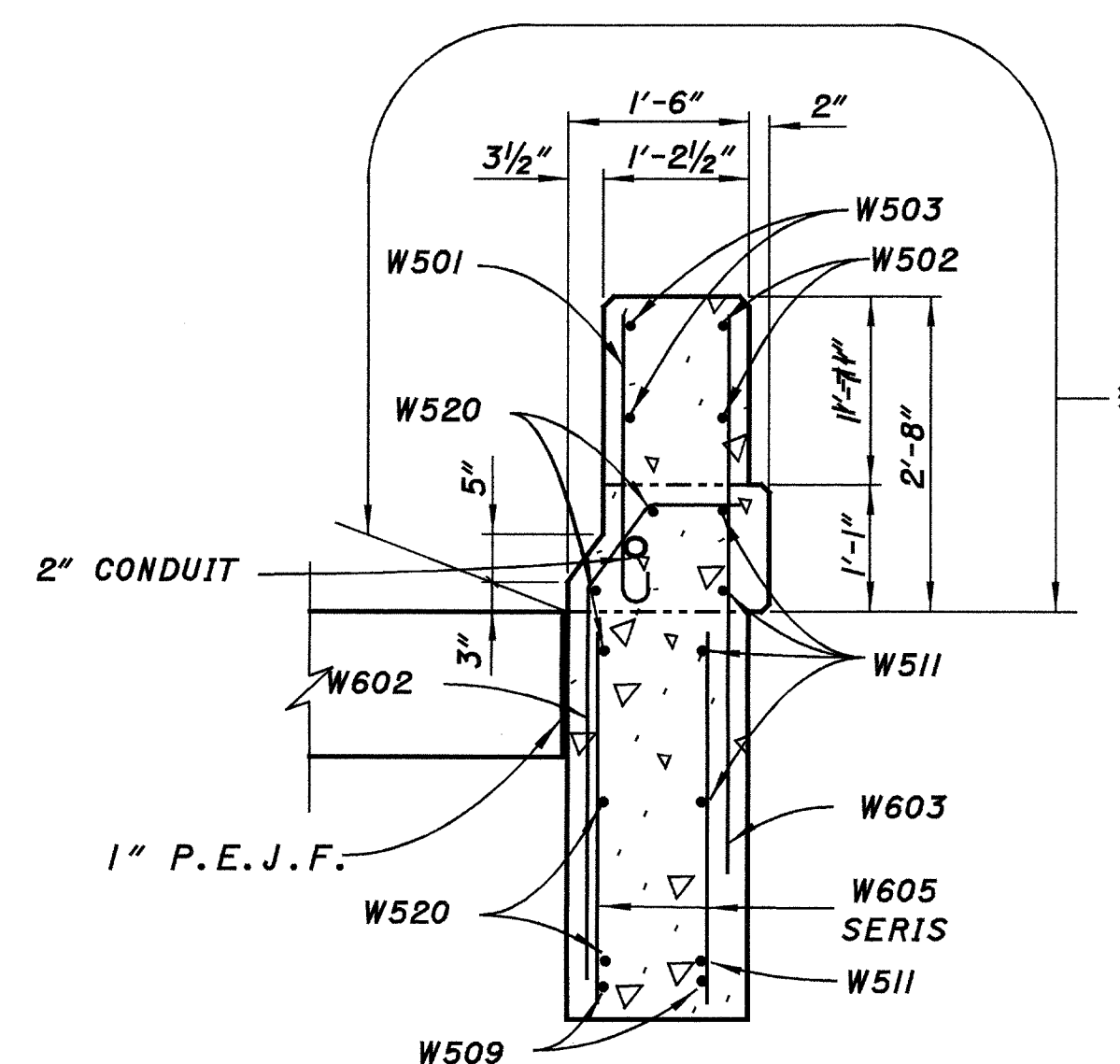
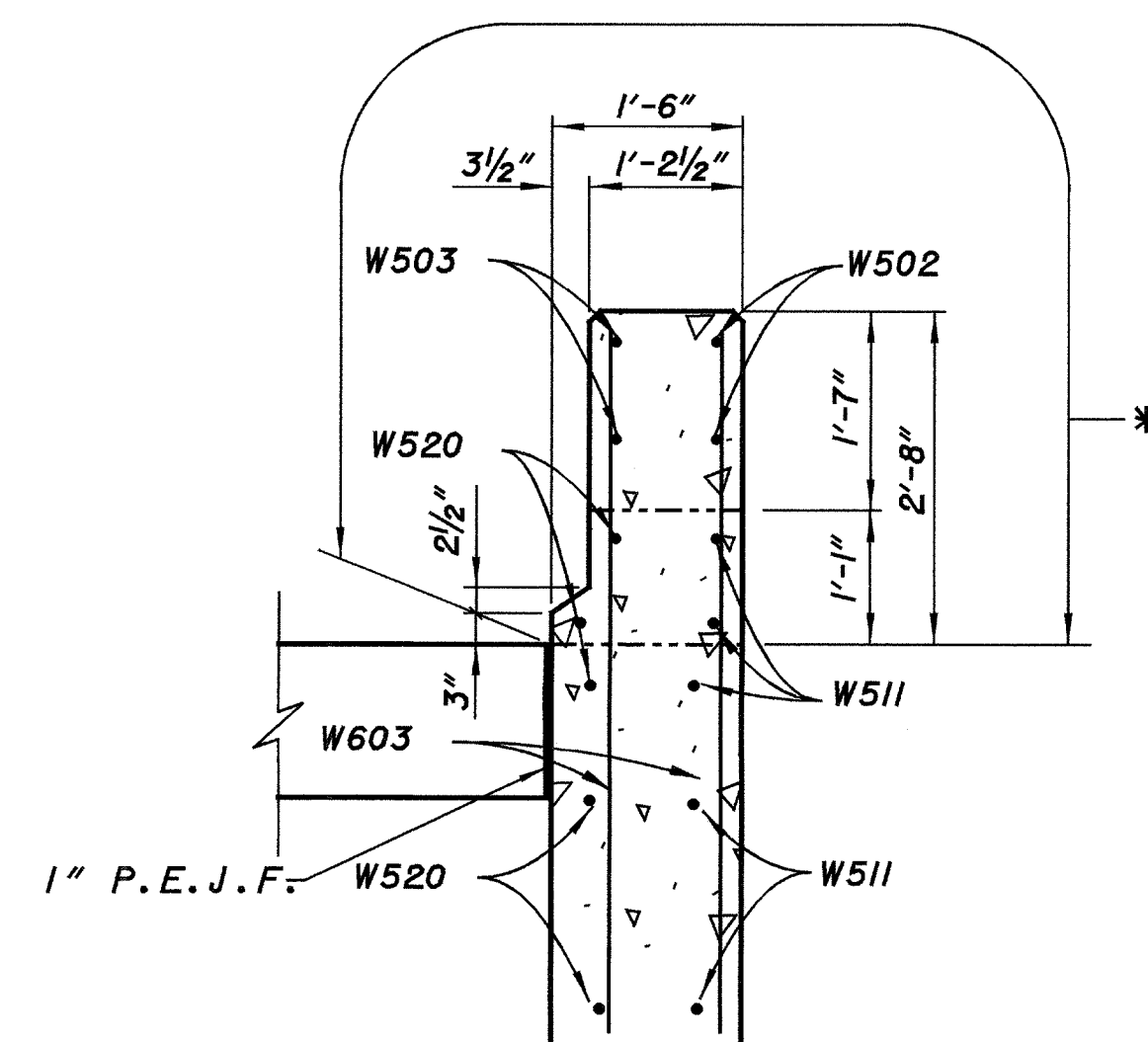
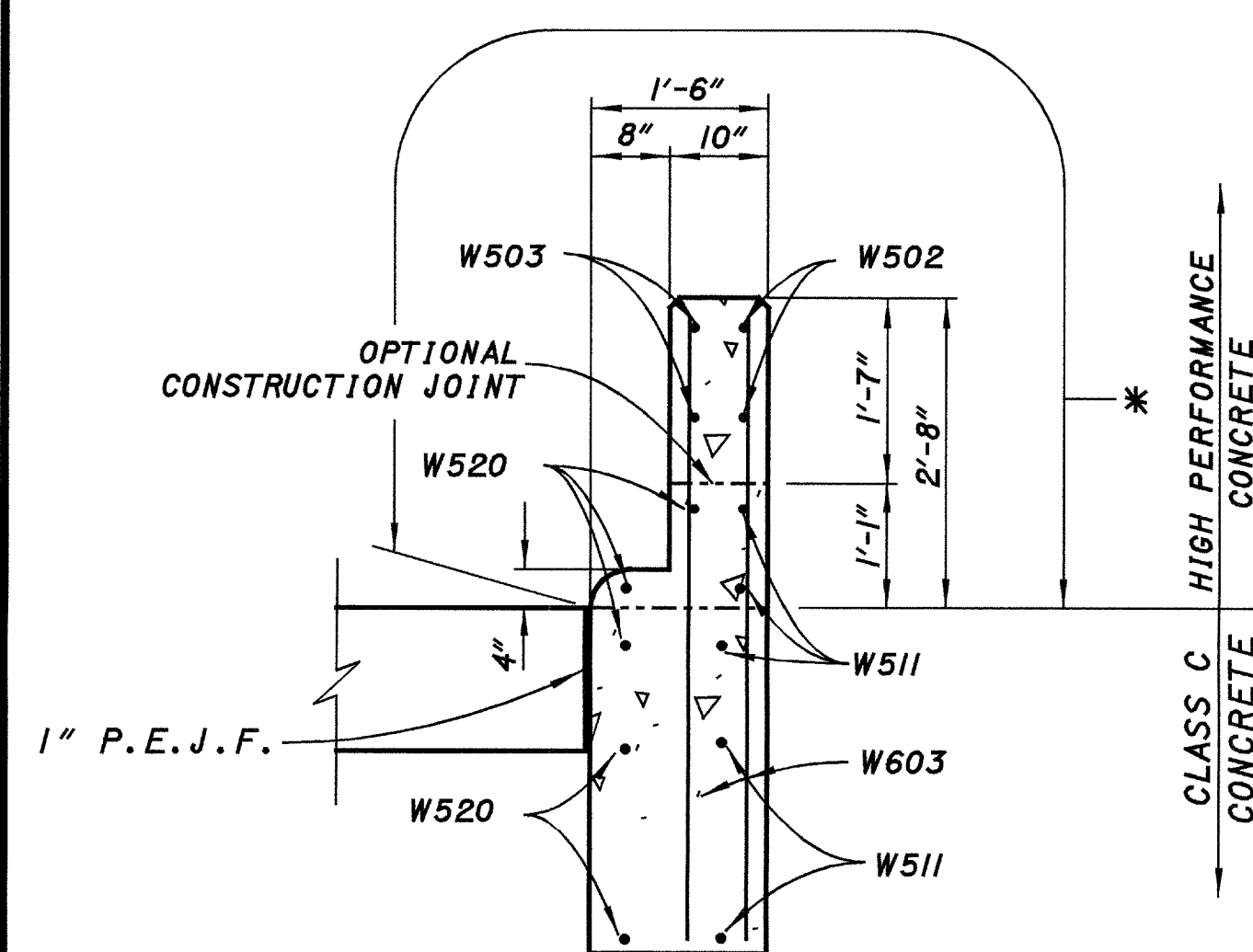
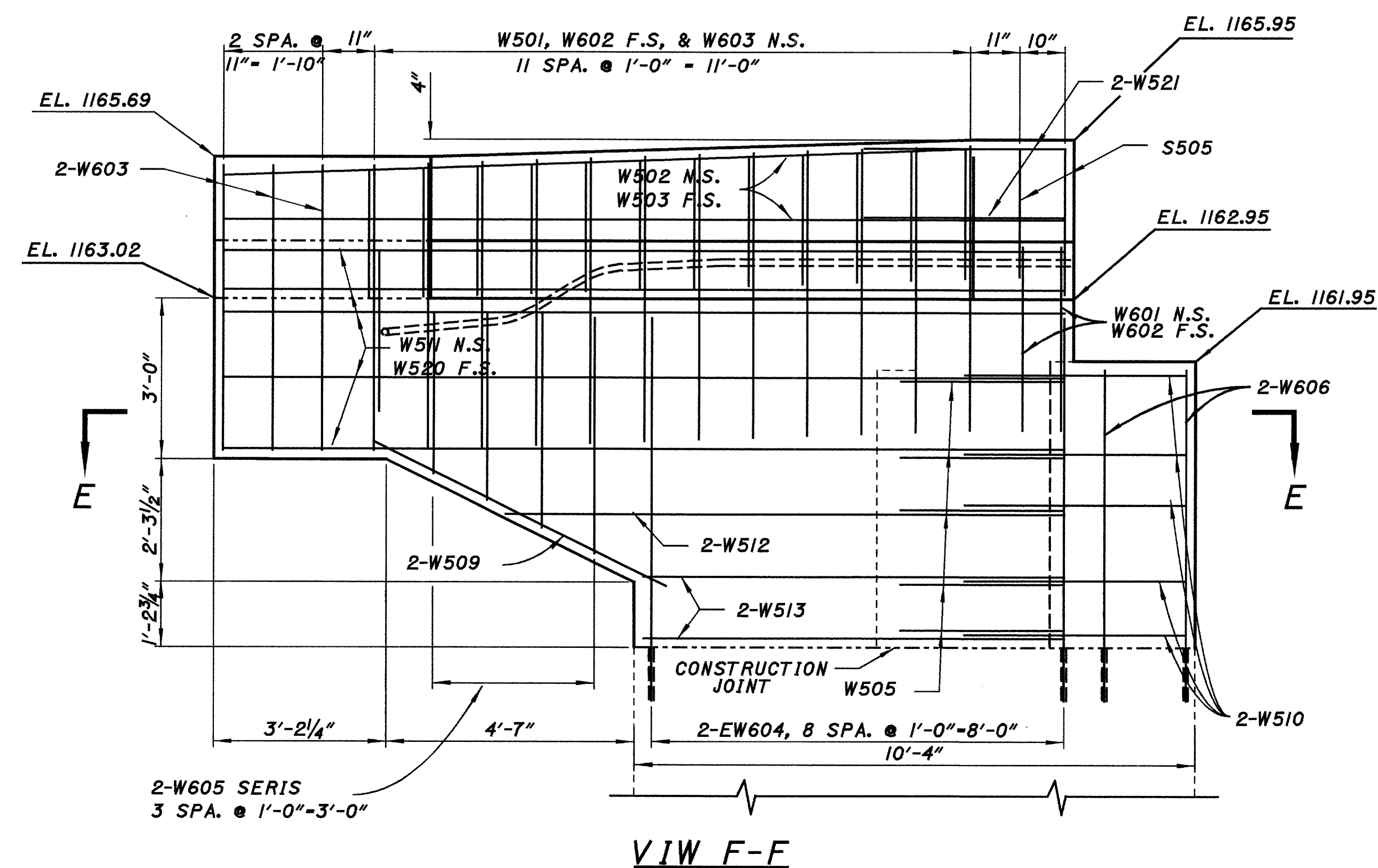
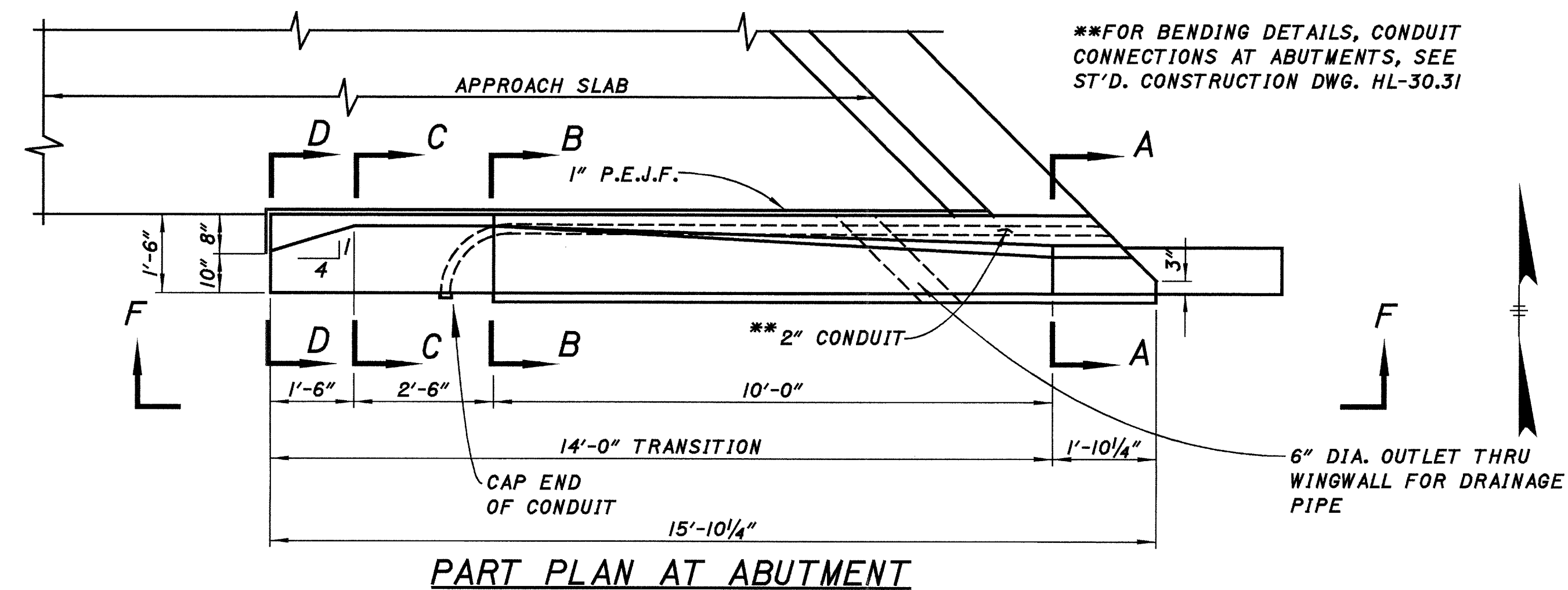
— WINGWALL RE-STEEL
SHOWN ON SHEET 9 & 10/23.

LAP LENGTH
NO. 5 BAR 2'-0"
NO. 6 BAR 2'-3"

SUM-77-3.97

8 / 23

$$\frac{684}{772}$$



NOTES:

**-ALL DOWEL HOLES SHALL
BE DRILLED 1'-0"**

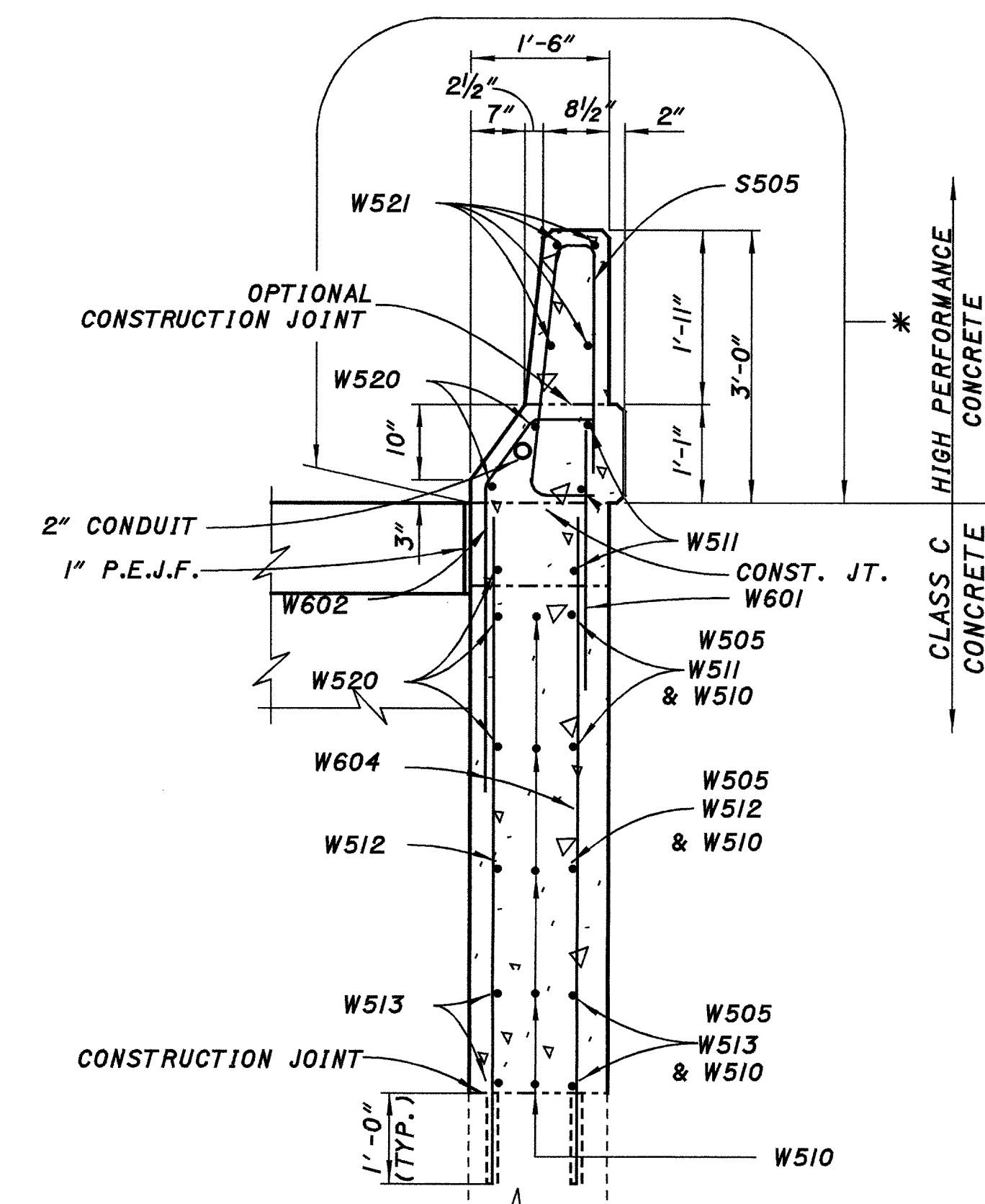
-FOR ADDITIONAL PARAPET DETAILS,
SEE STANDARD DRAWING BR-1.

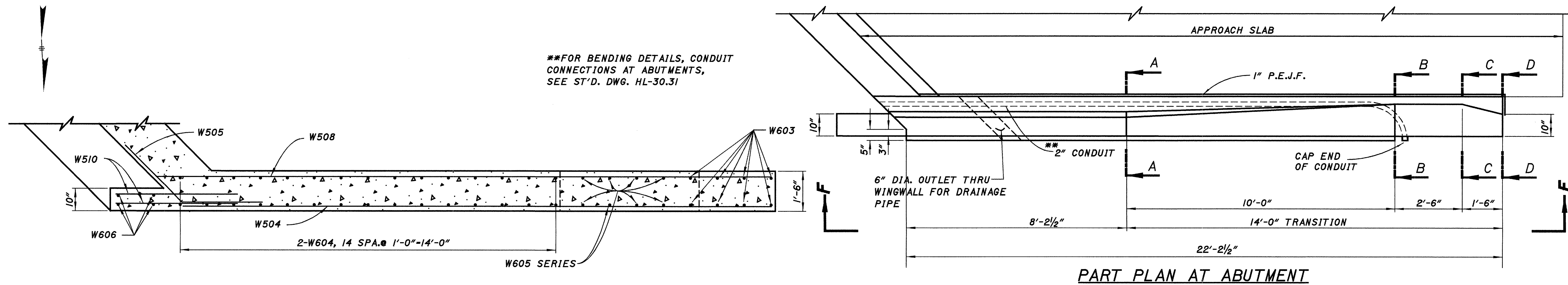
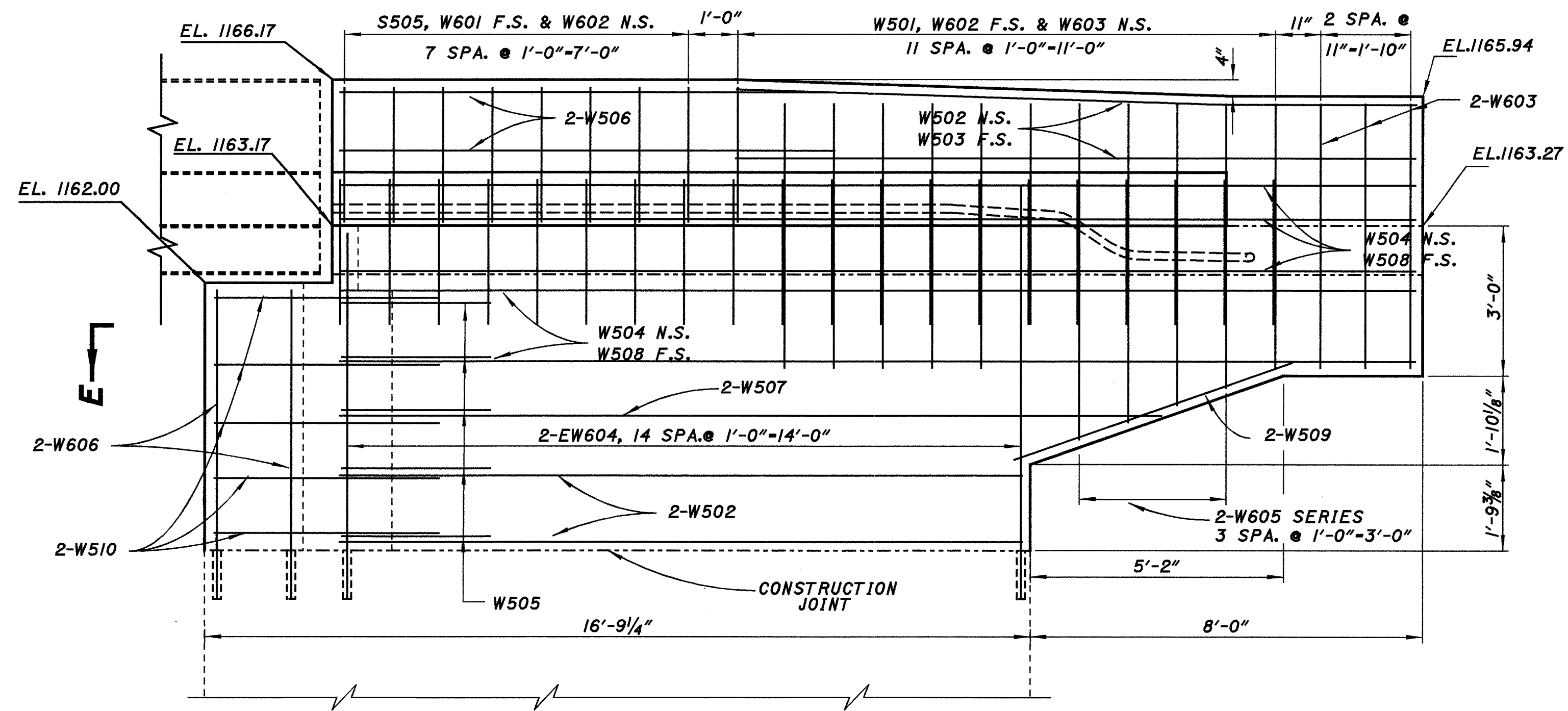
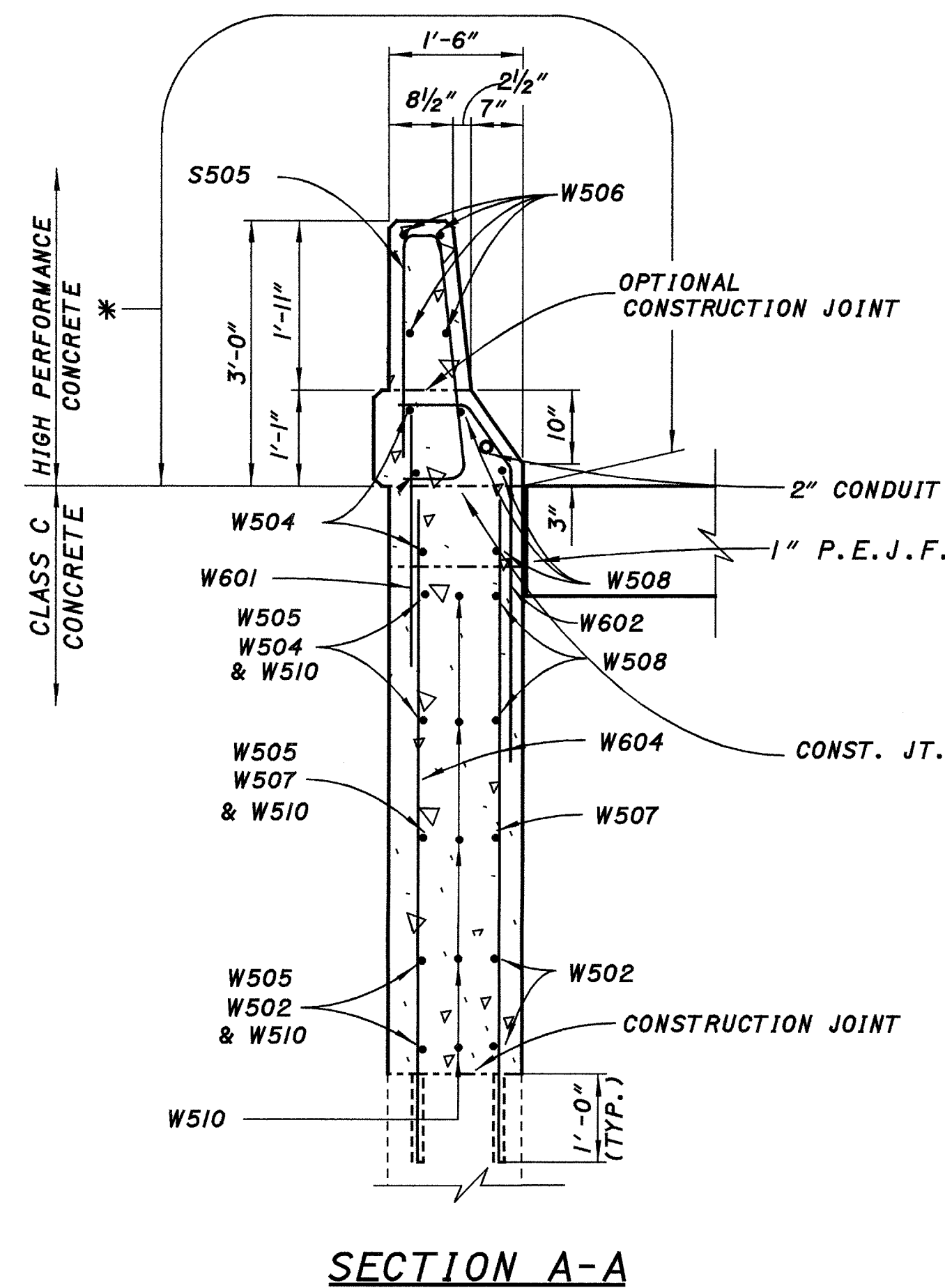
**P.E.J.F. - PREFORMED EXPANSION
JOINT FILLER**

* -SEALING OF CONCRETE
SURFACES - EPOXY-URETHANE

MIN. LAP LENGTH
NO. 5 BAR - 2'-0"
NO. 6 BAR - 2'-3"

NO. 6 BAR - 2'-3



**SECTION E-E****VIEW F-F WINGWALL B**

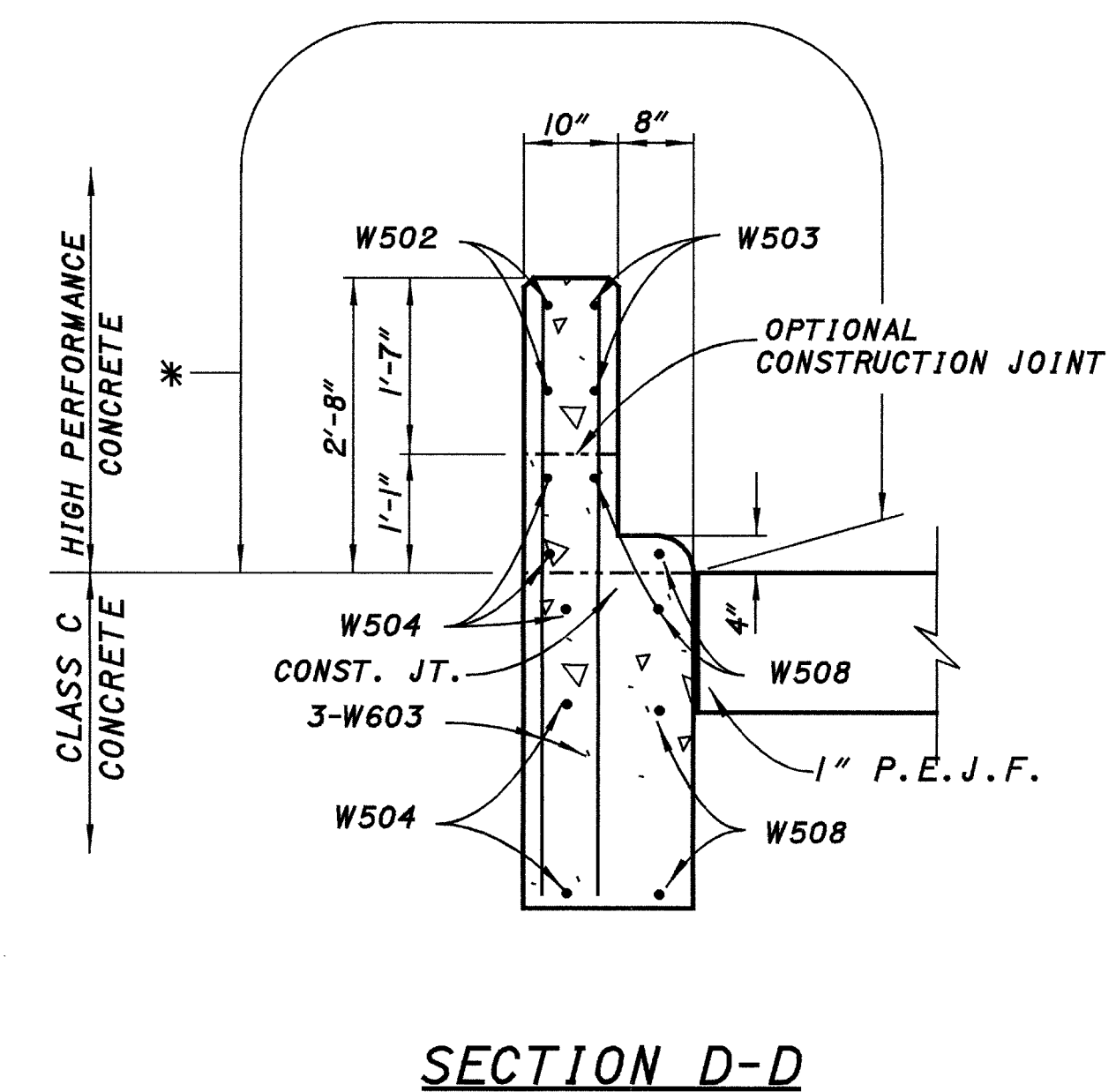
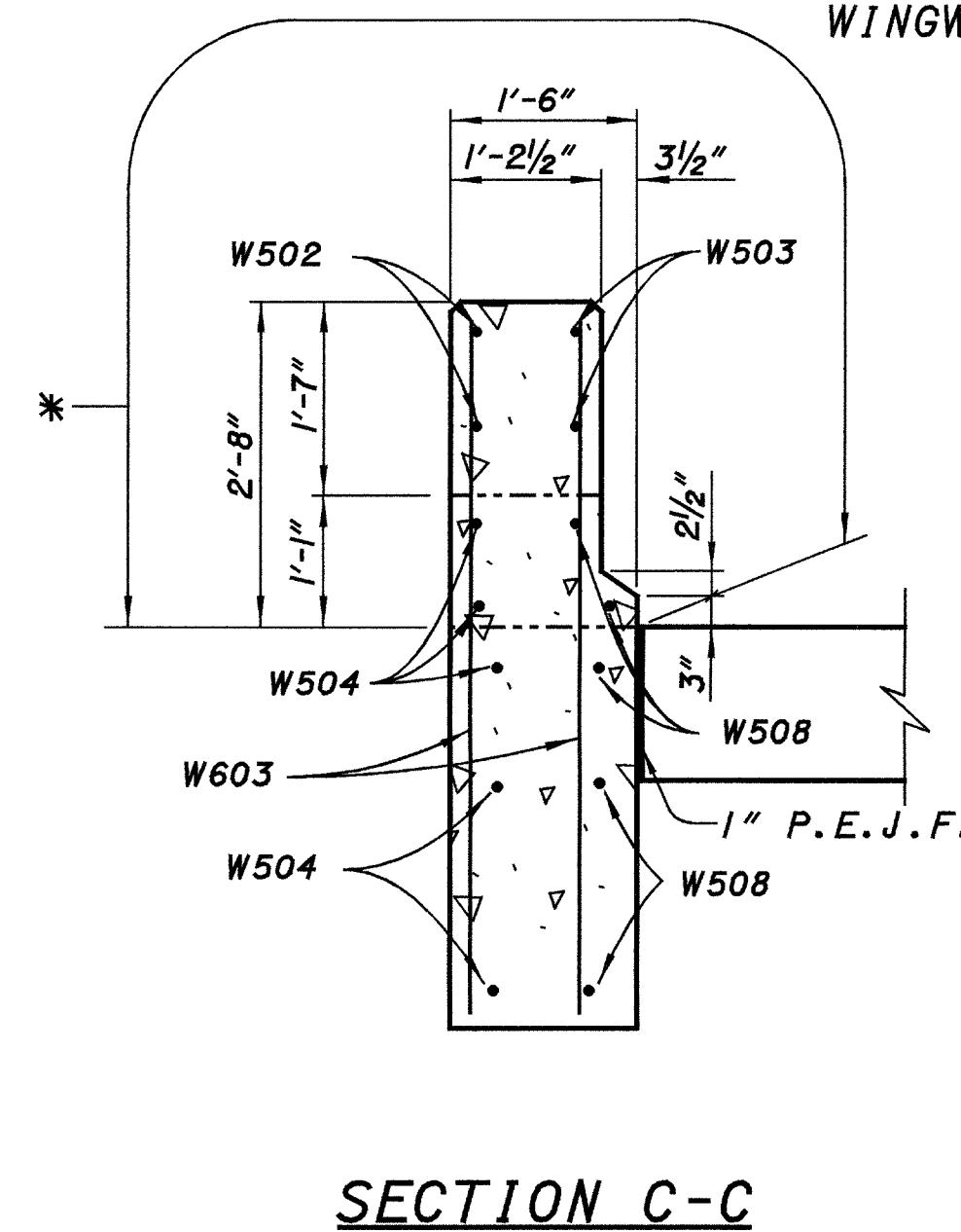
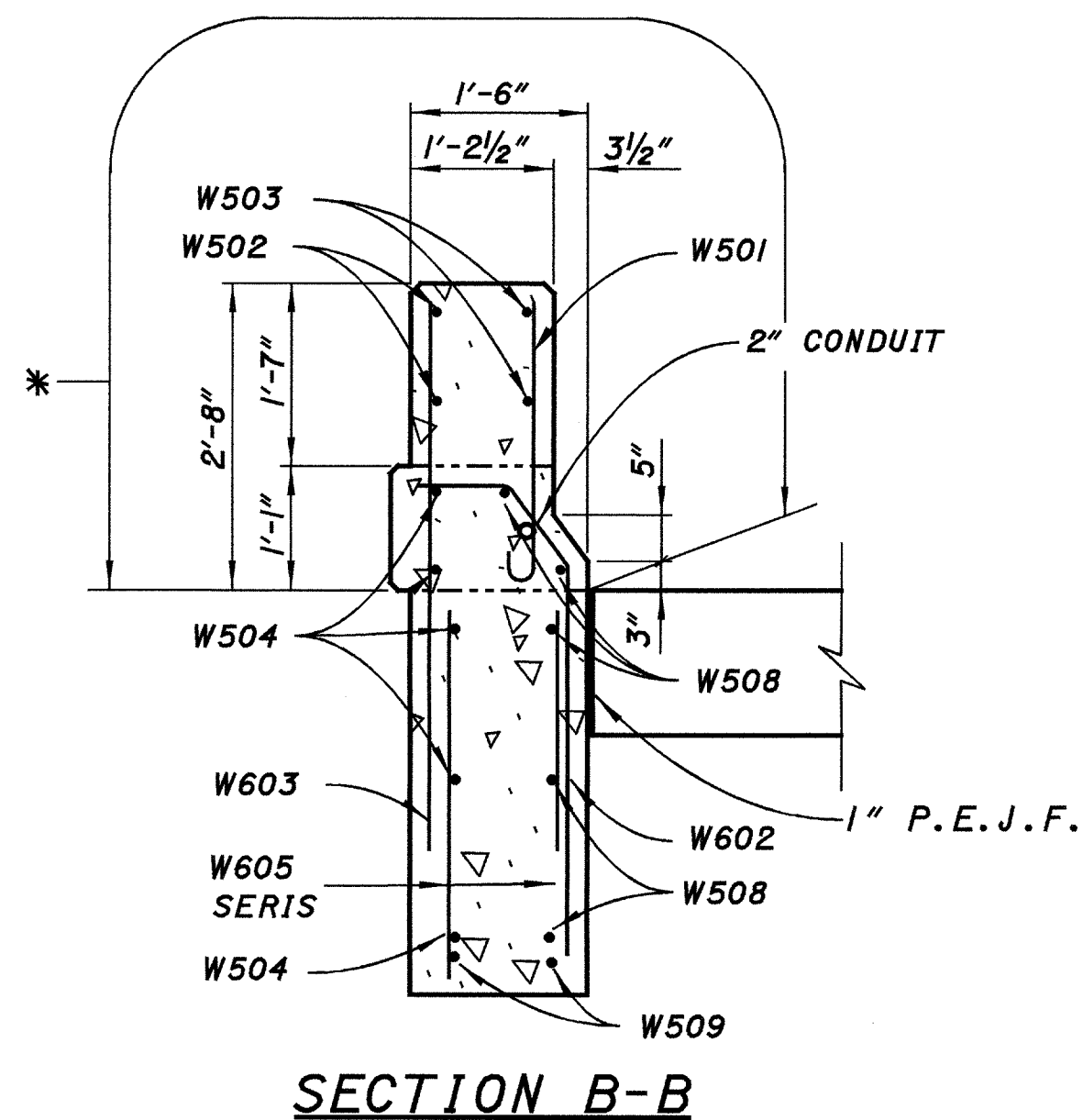
*-SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

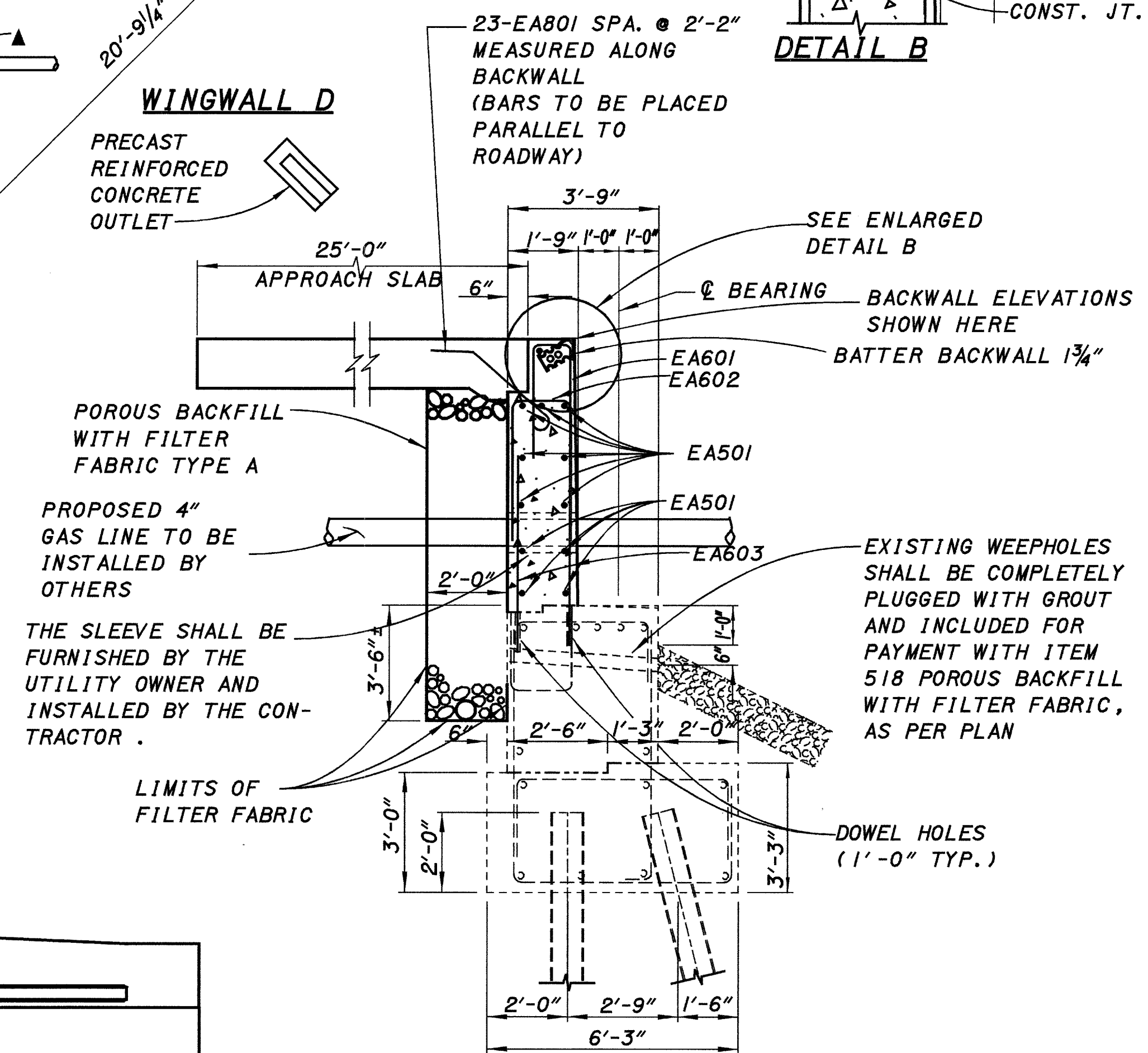
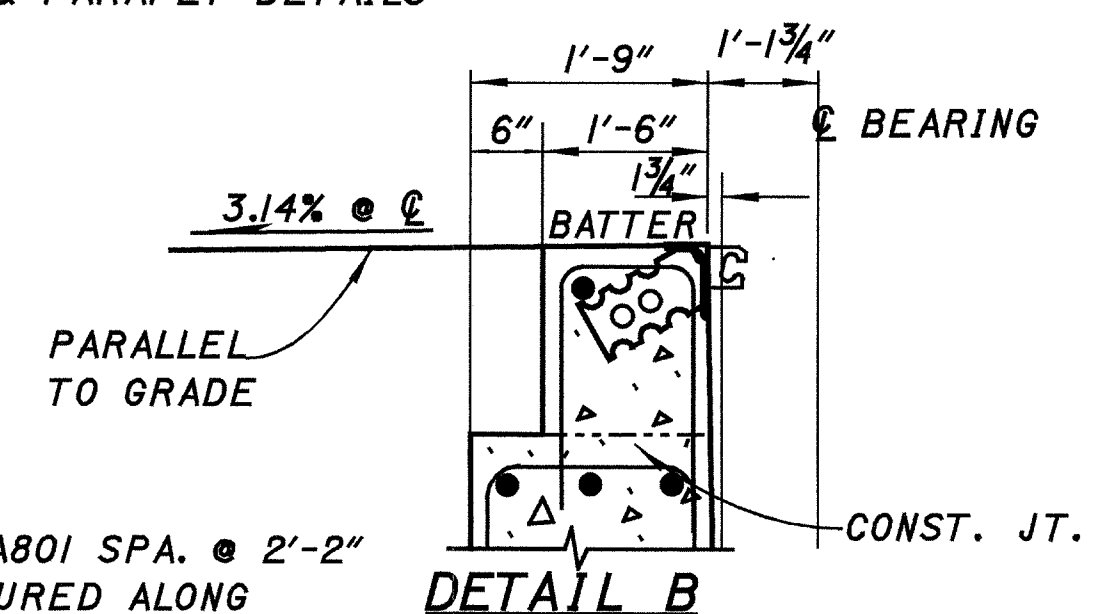
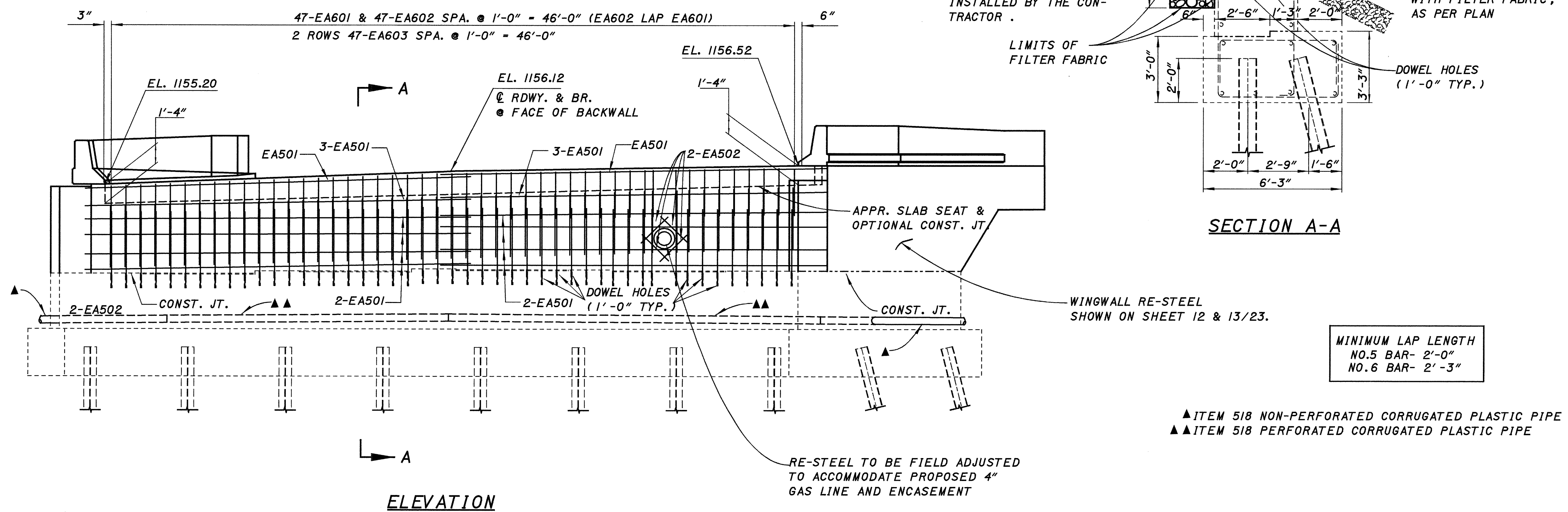
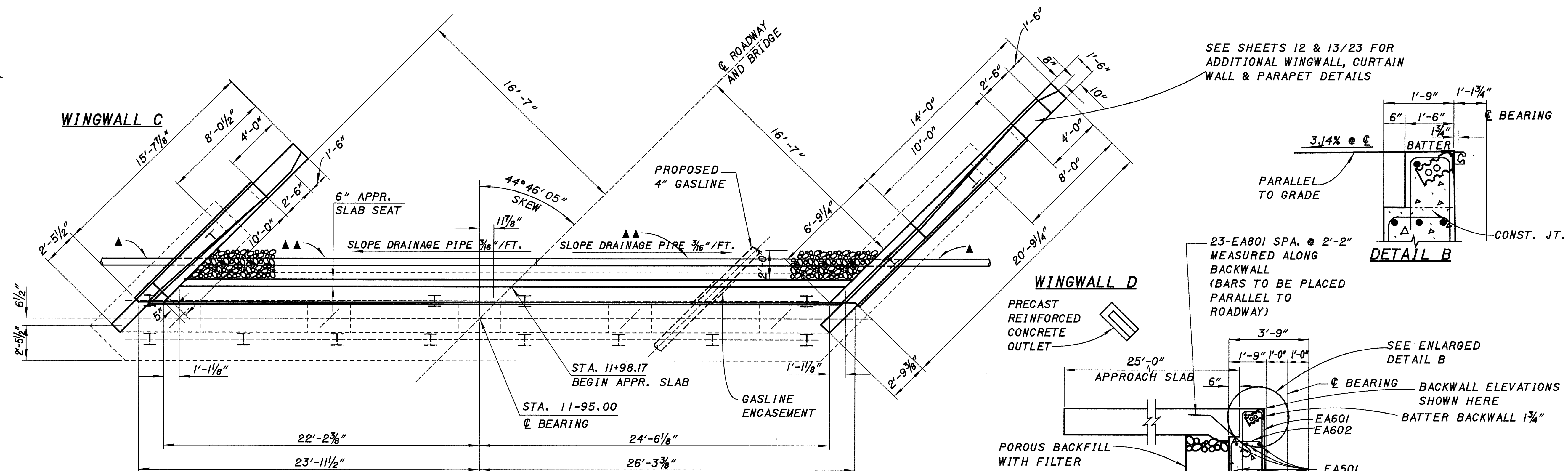
-ALL DOWEL HOLES SHALL BE DRILLED 1'-0"

-FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING BR-1.

P.E.J.F. - PREFORMED EXPANSION JOINT FILLER

MIN. LAP LENGTH
NO. 5 BAR - 2'-0"
NO. 6 BAR - 2'-3"



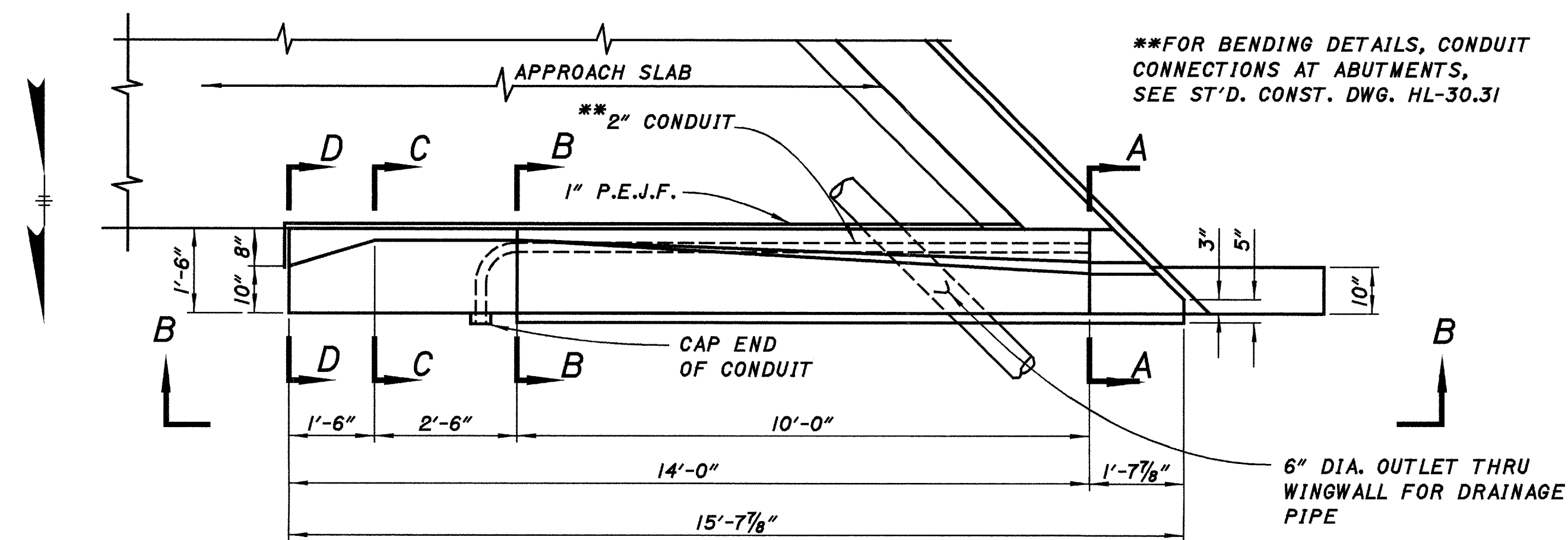


▲ITEM 518 NON-PERFORATED CORRUGATED PLASTIC PIPE
▲▲ITEM 518 PERFORATED CORRUGATED PLASTIC PIPE

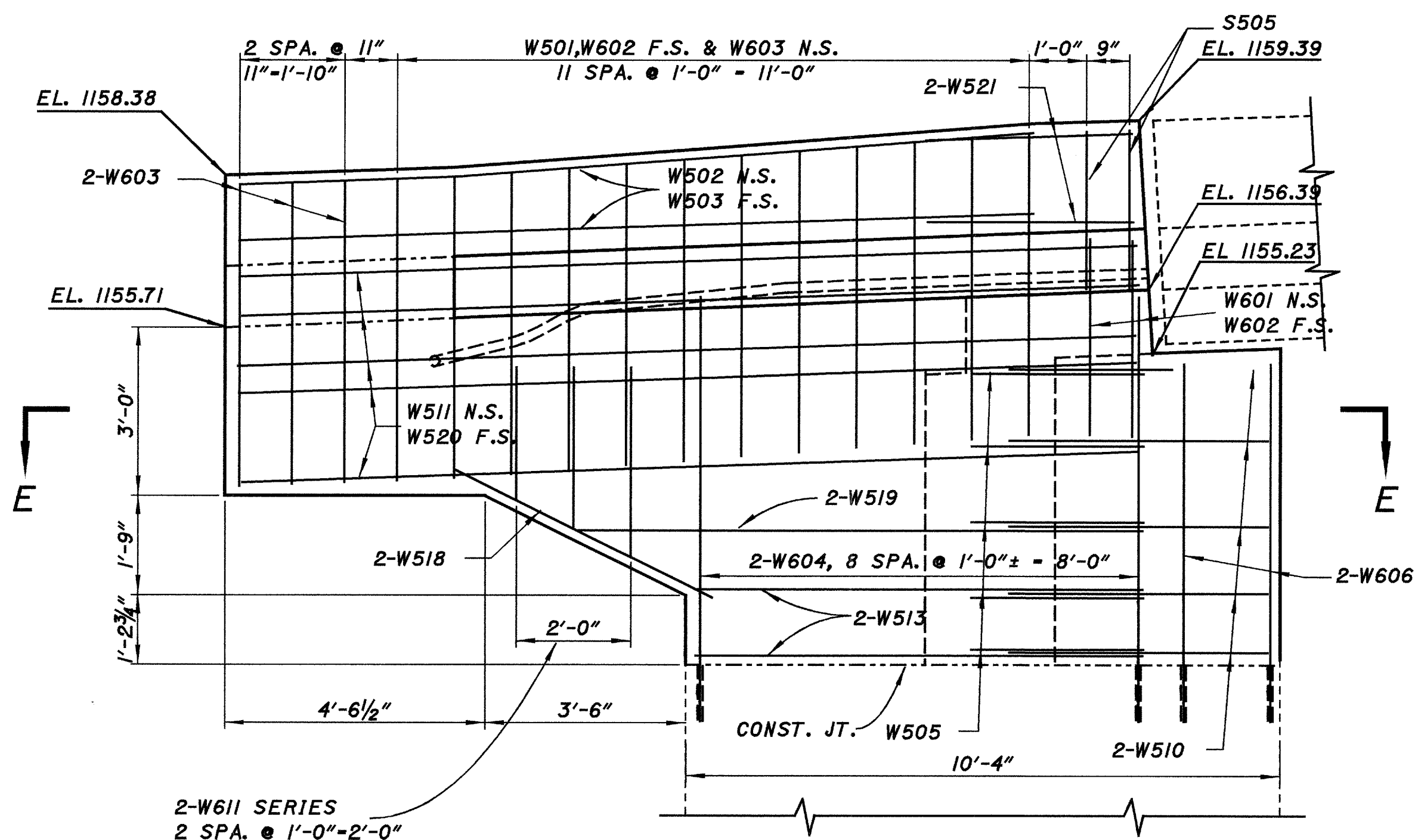
▲▲ITEM 518 PERFORATED CORRUGATED PLASTIC PIPE

MINIMUM LAP LENGTH
NO.5 BAR- 2'-0"
NO.6 BAR- 2'-3"

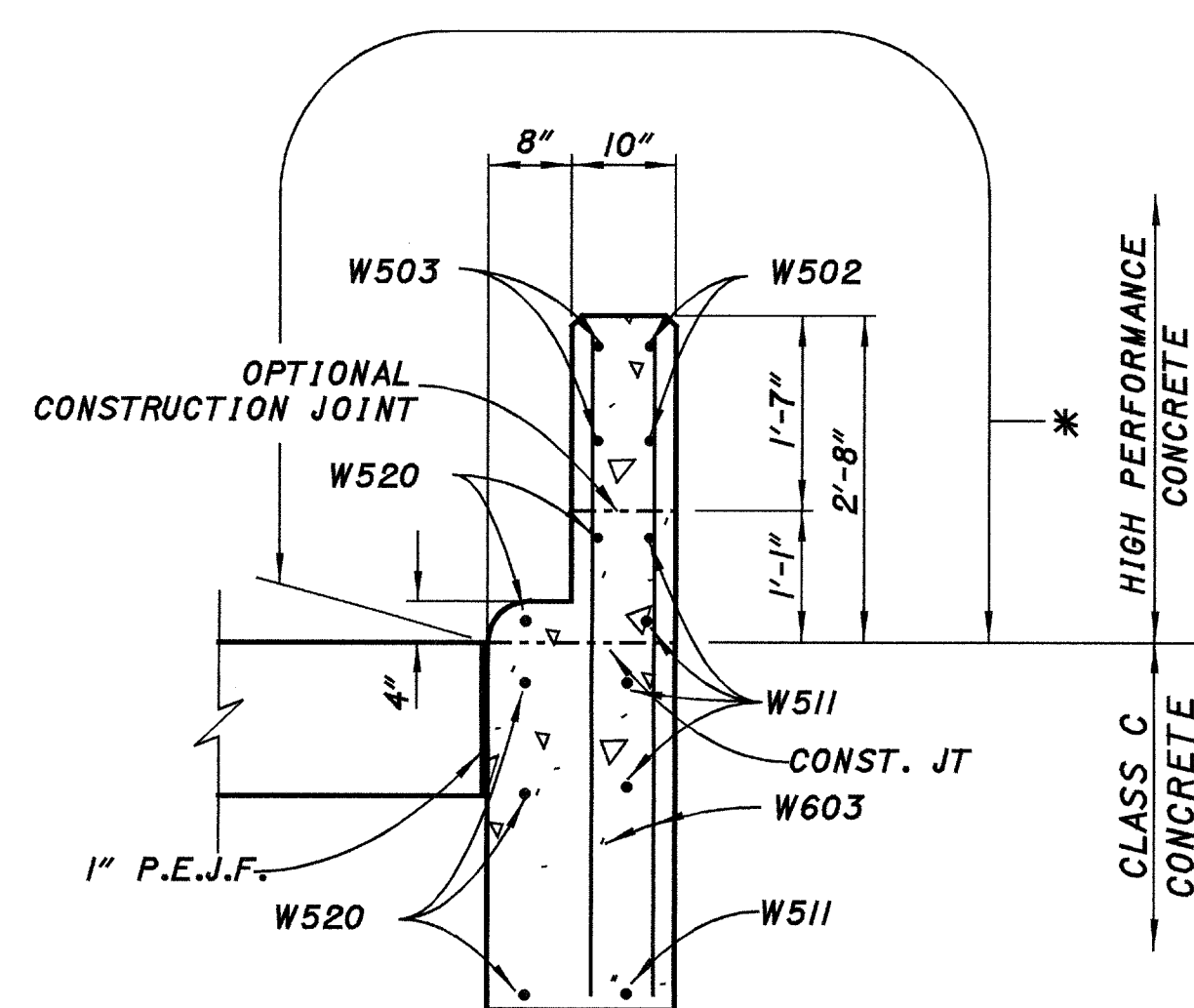
S07705A4.DGN (SCALE 4) 2-08-96



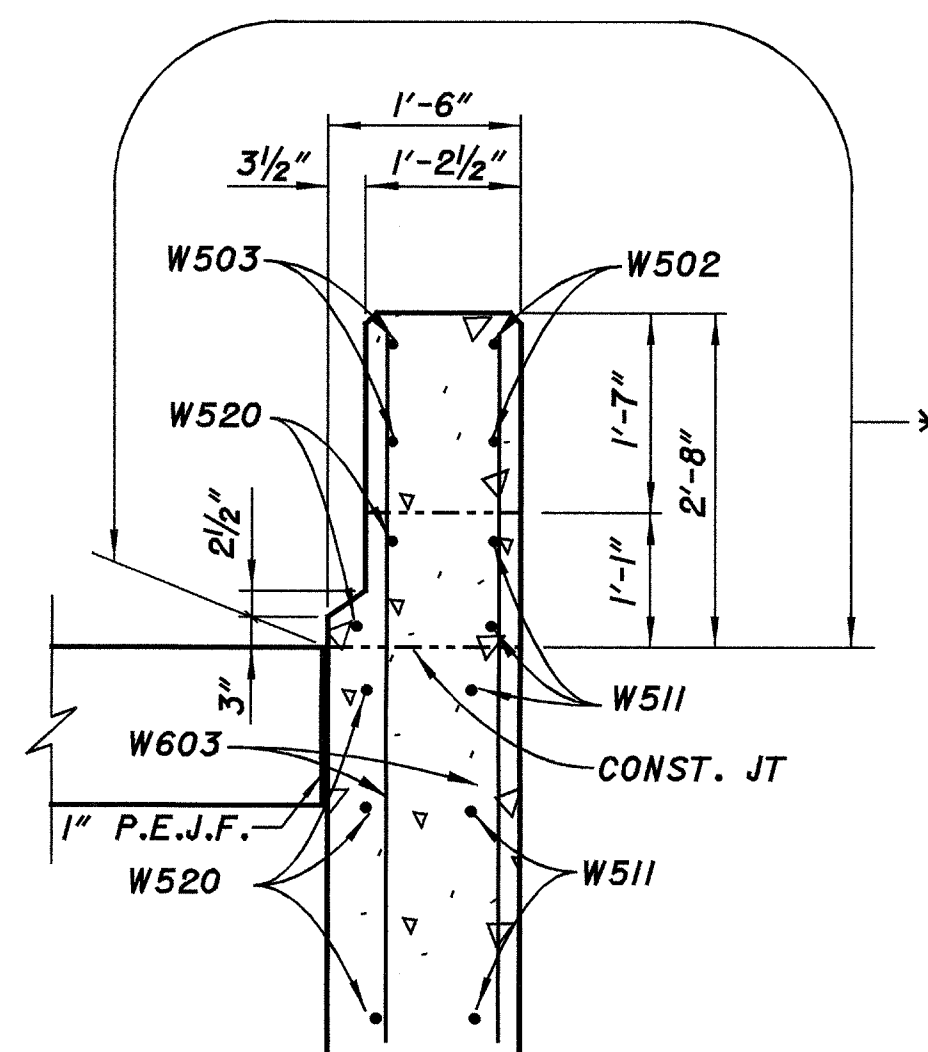
PART PLAN AT ABUTMENT



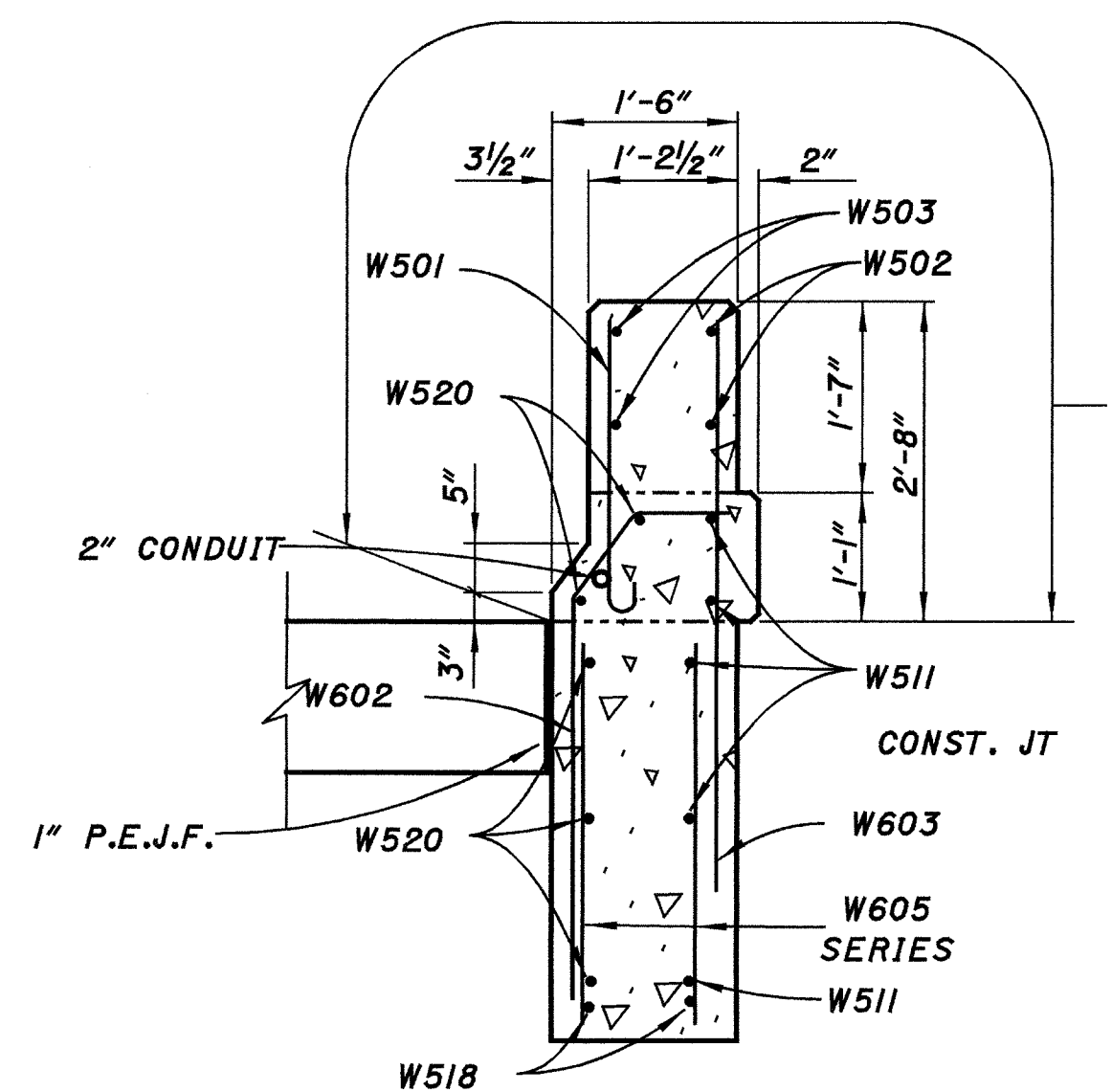
VIW B-B

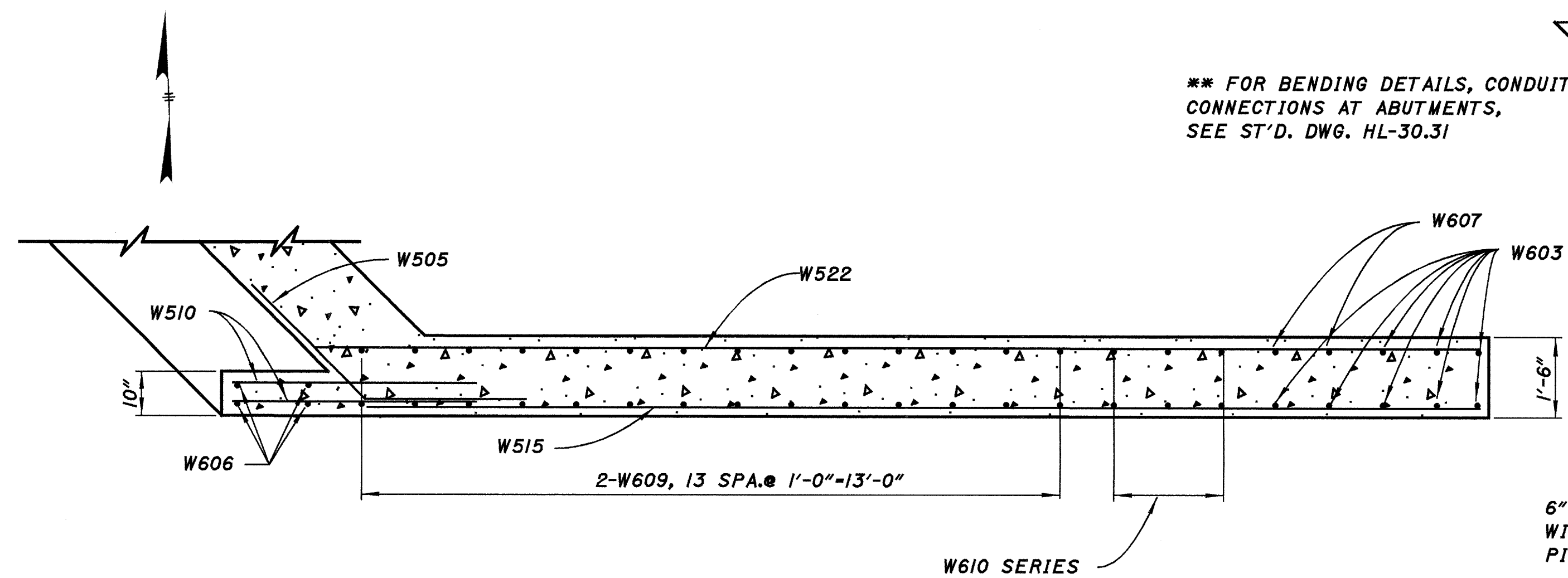


SECTION D-D

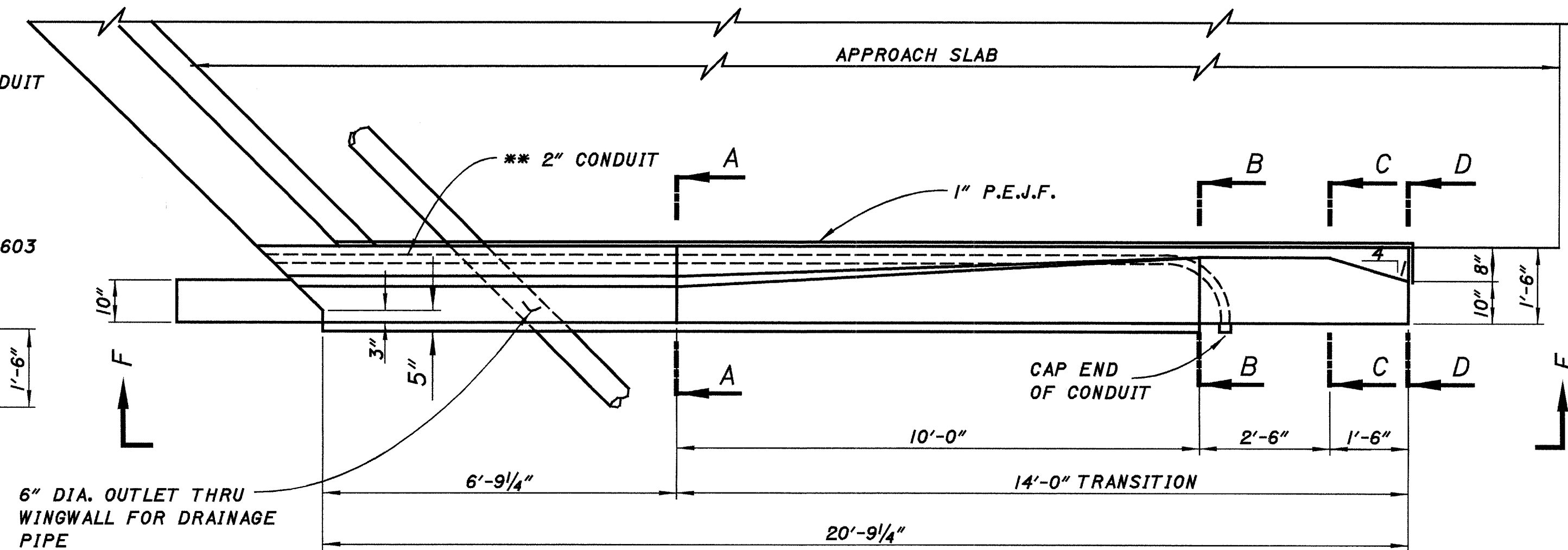


SECTION C-C

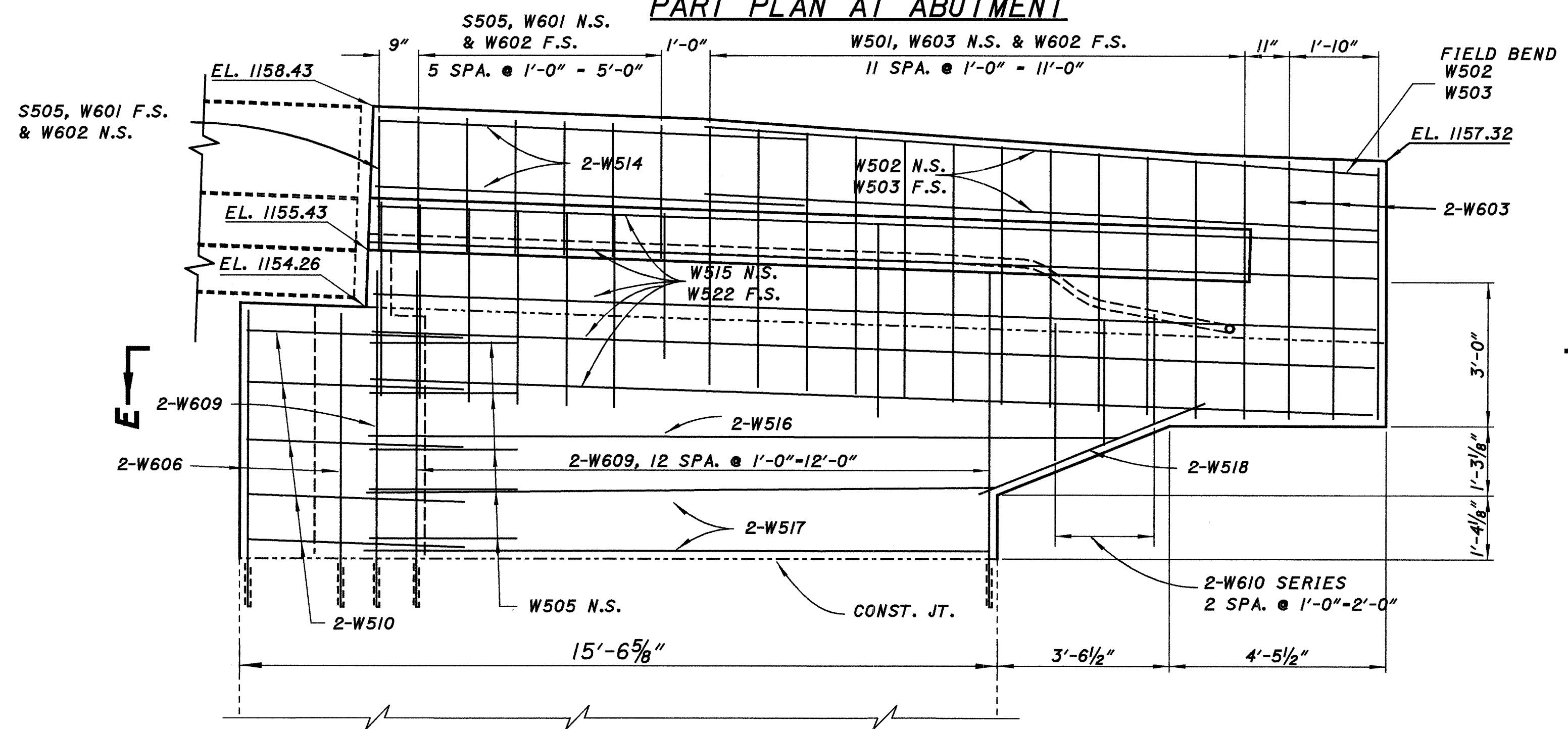
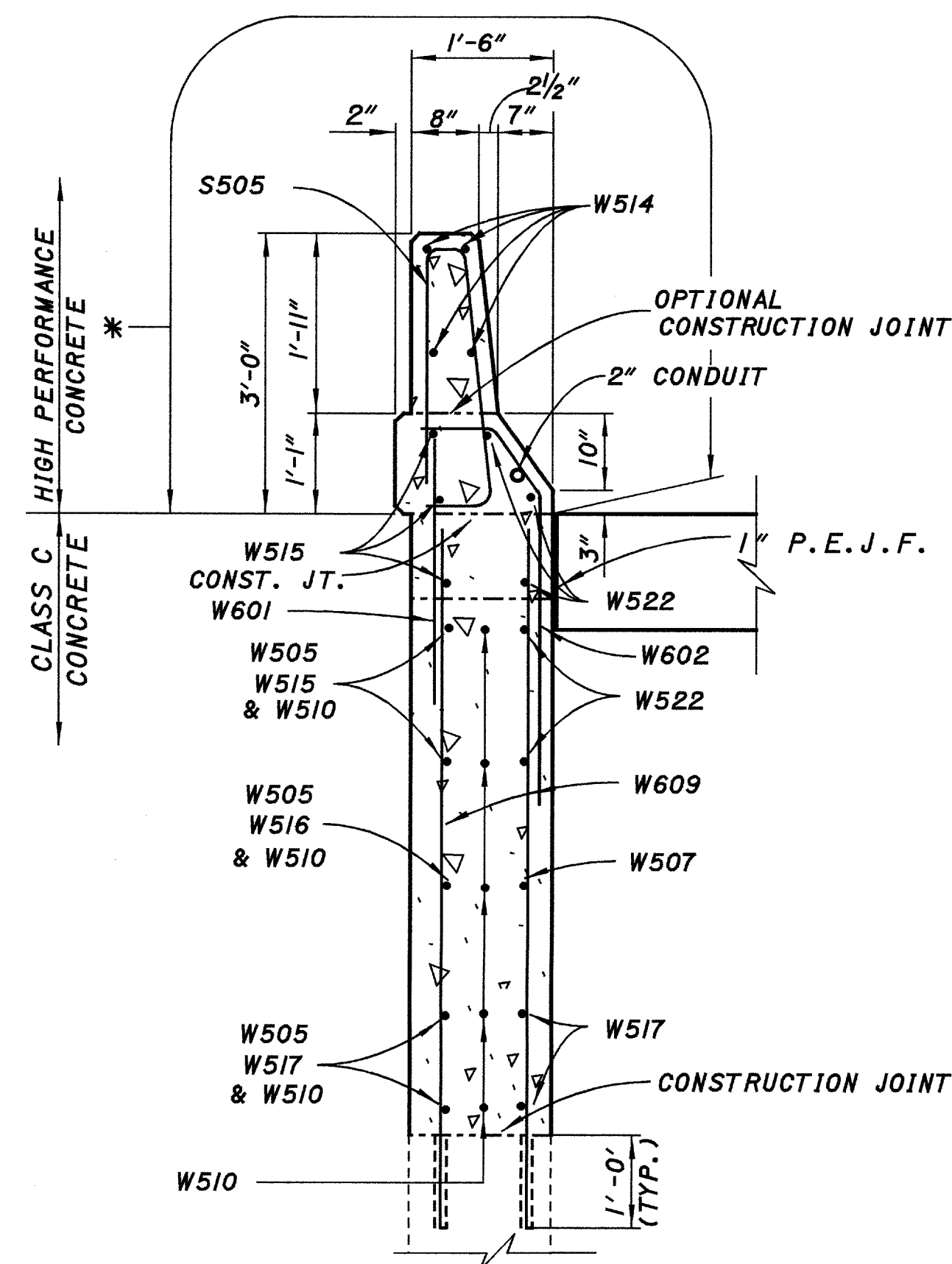




SECTION E-E

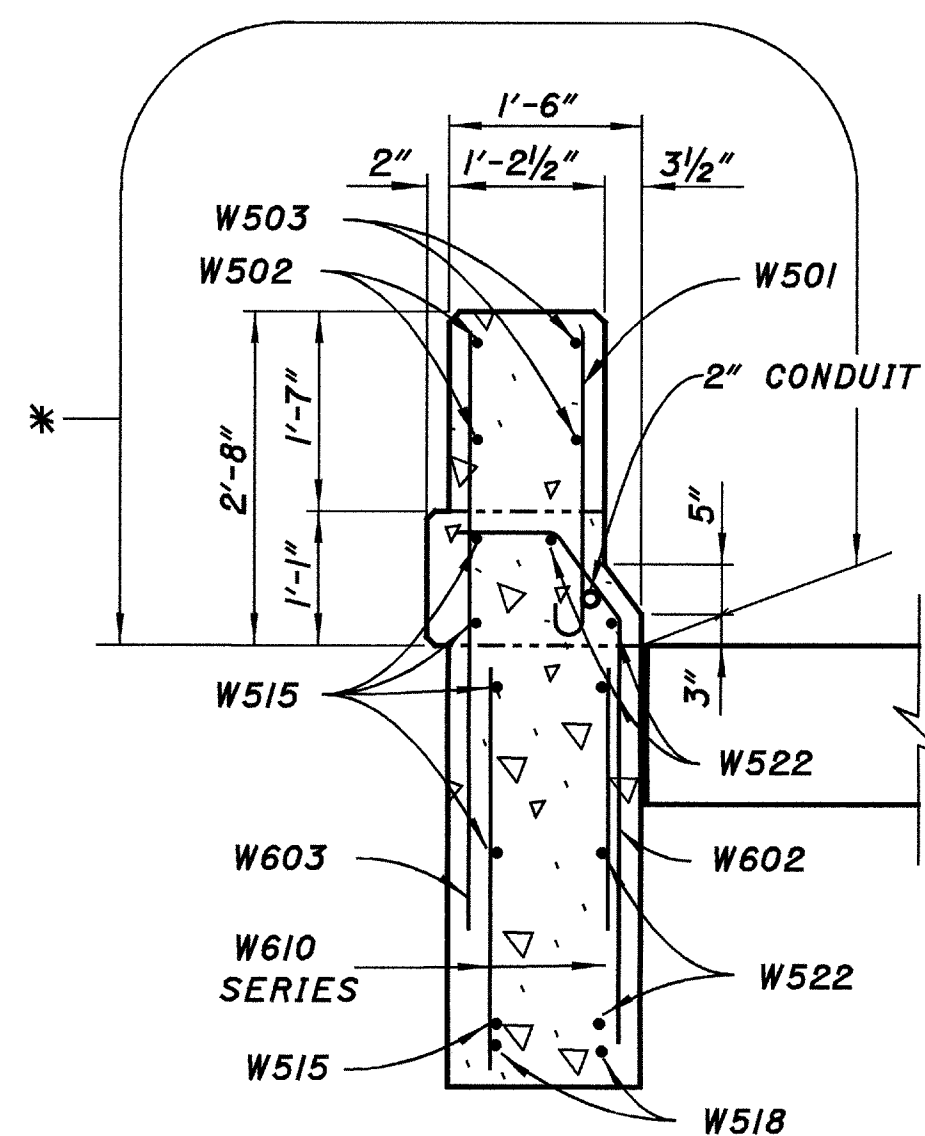


PART PLAN AT ABUTMENT

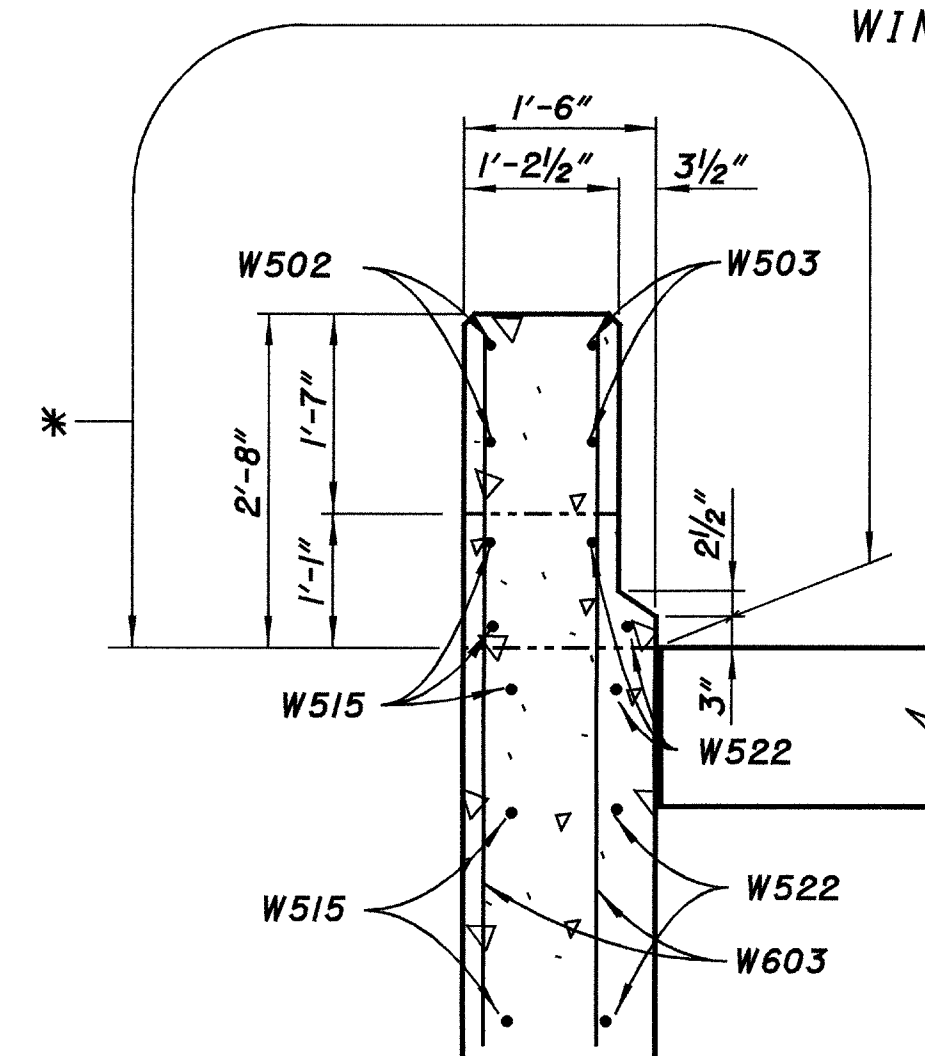
VIEW F-F
WINGWALL B

SECTION A-A

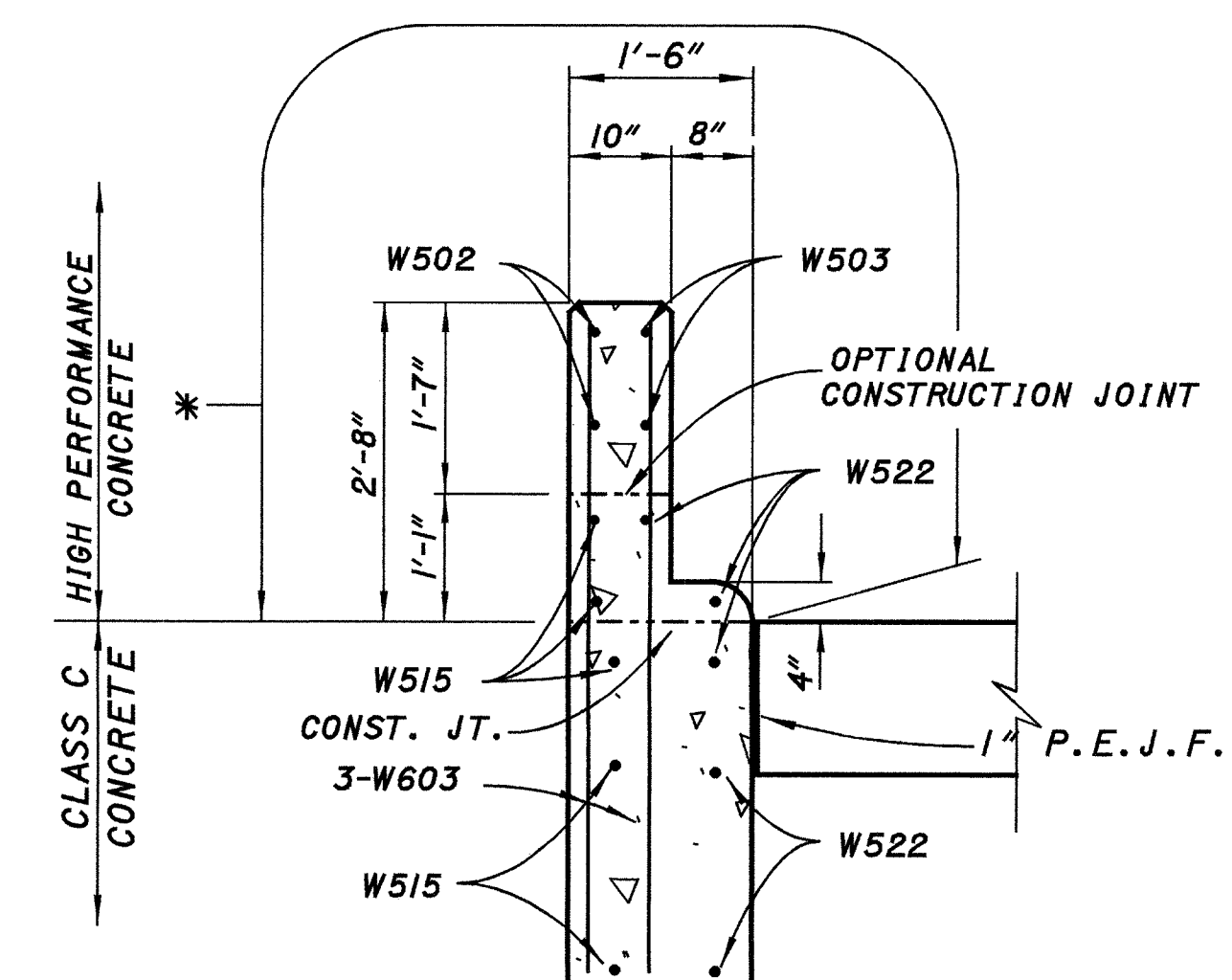
- NOTES:**
- *-SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
 - FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING BR-1
 - ALL DOWEL HOLES SHALL BE DRILLED 1'-0" AND EPOXY GROUT
 - P.E.J.F. = PREFORMED EXPANSION JOINT FILLER
 - MINIMUM LAP LENGTH
 - NO. 5 BAR - 2'-0"
 - NO. 6 BAR - 2'-3"



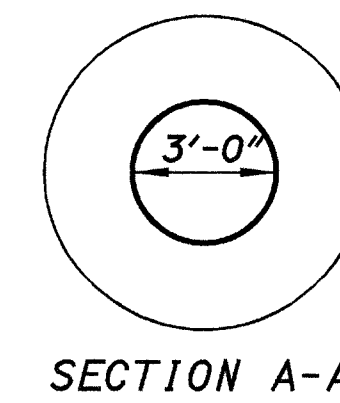
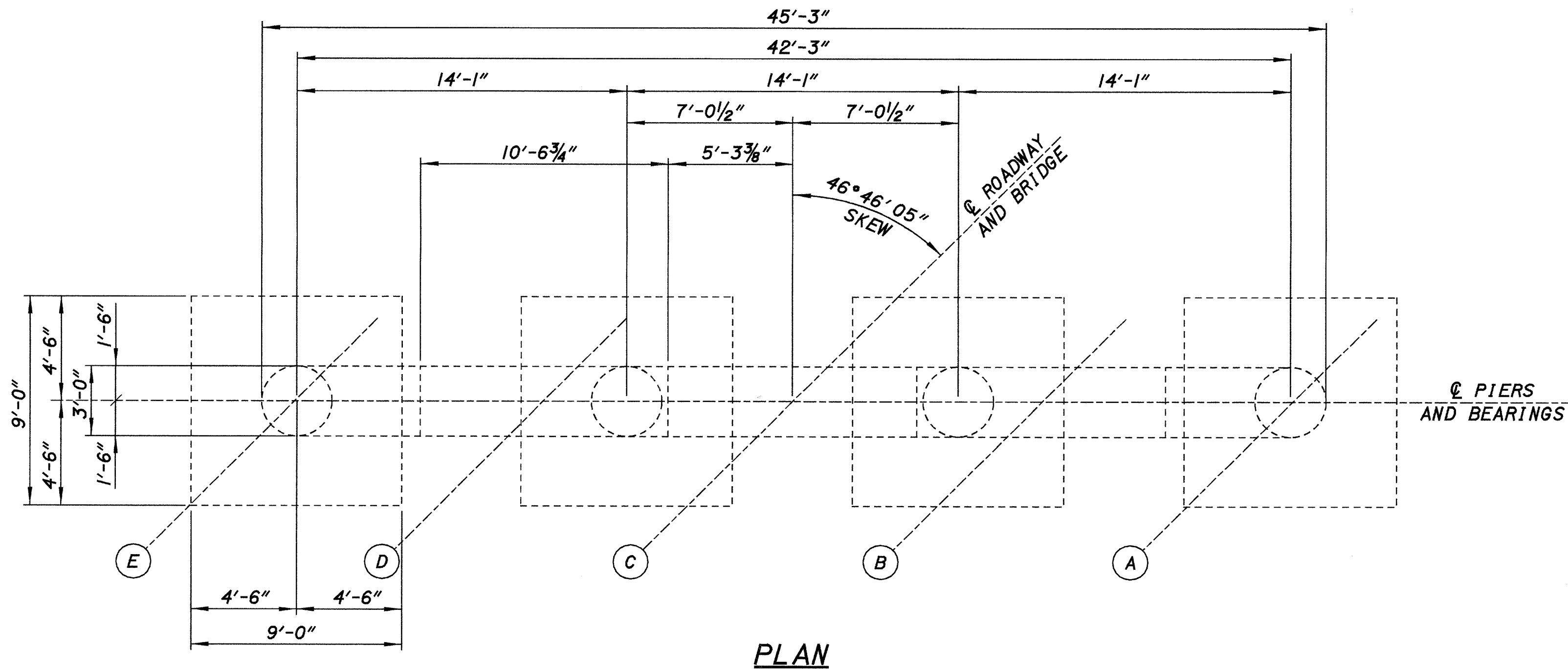
SECTION B-B



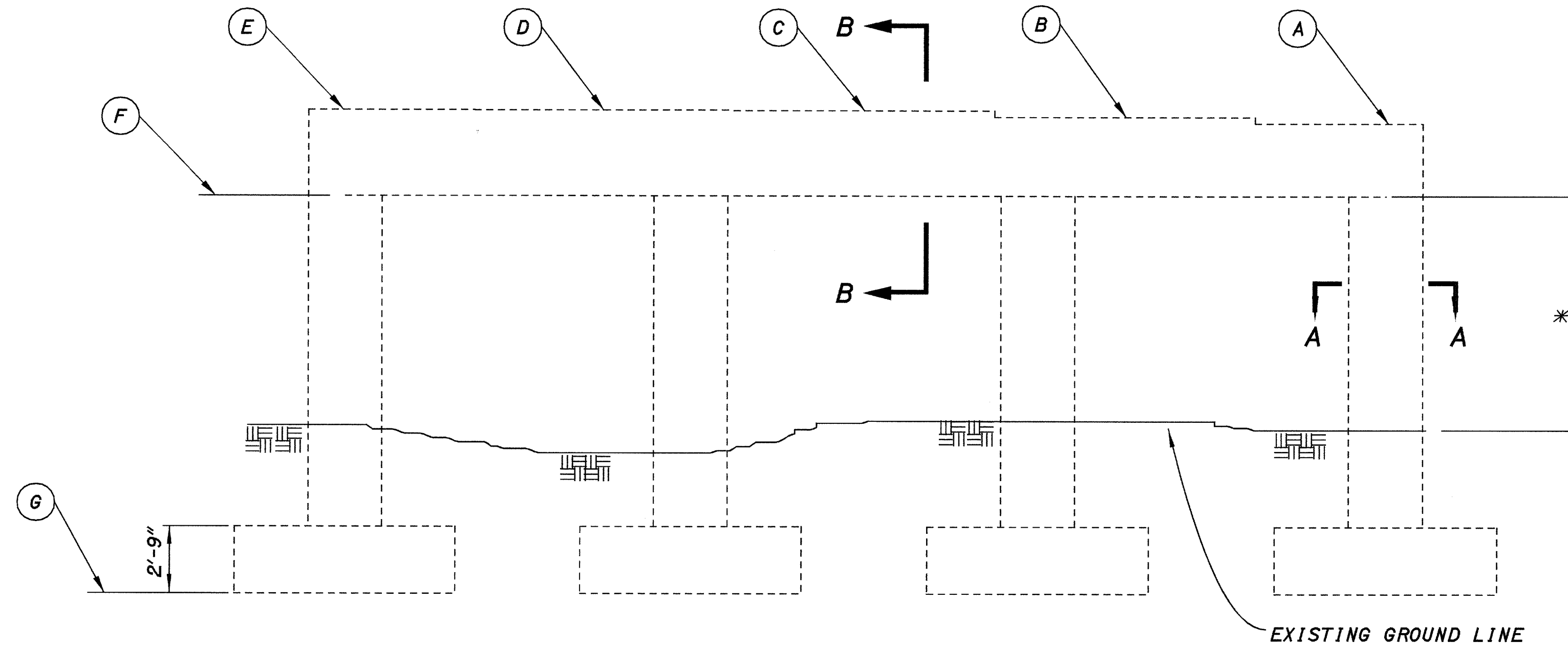
SECTION C-C



SECTION D-D



SEAL ENTIRE CIRCUMFERENCE OF COLUMNS



SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

- * 12' AVG. HGT. PIER NO. 1 = 51 SQ. YD.
- PIER CAP - PIER NO. 1 = 48 SQ. YD.
- * 8' AVG. HGT. PIER NO. 2 = 34 SQ. YD.
- PIER CAP - PIER NO. 2 = 49 SQ. YD.
- * 12' AVG. HGT. PIER NO. 3 = 51 SQ. YD.
- PIER CAP - PIER NO. 3 = 50 SQ. YD.

283 SQ. YD. TOTAL QUANTITY CARRIED TO SHEET 20/23.

TABLE OF ELEVATION AND DIMENSIONS			
	PIER No1	PIER No2	PIER No3
A	1155.43	1153.55	1150.96
B	1155.63	1153.81	1151.28
C	1155.83	1154.07	1151.59
D	1155.79	1154.09	1151.67
E	1155.75	1154.10	1151.74
F	1152.43	1150.55	1147.96
G	1131.08	1134.10	1131.20

(FOR INFORMATION ONLY)

SECTION B-B

PIER DETAILS
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

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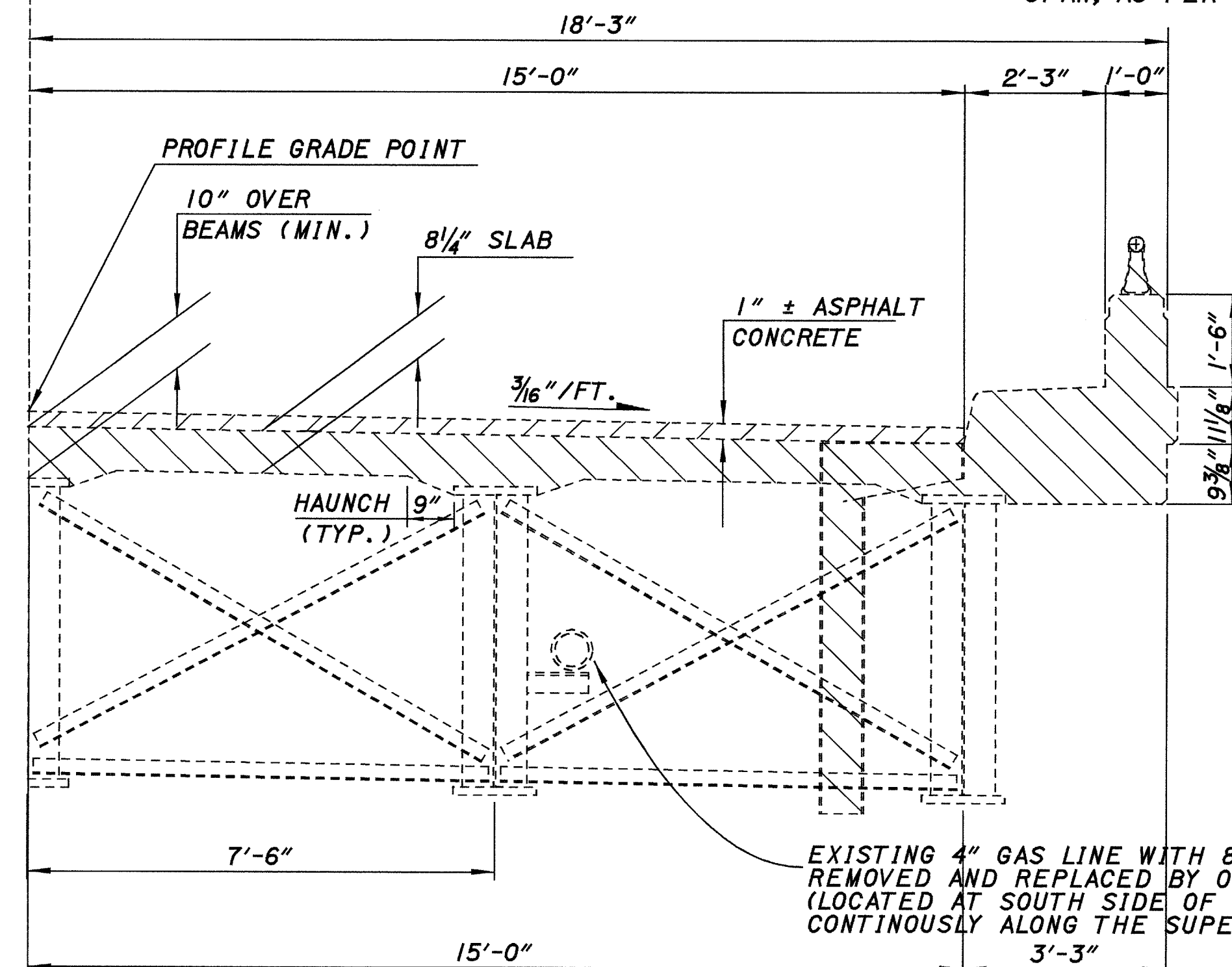
690
772

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

DATE
11/24/97
STRUCTURE FILE NUMBER
771131

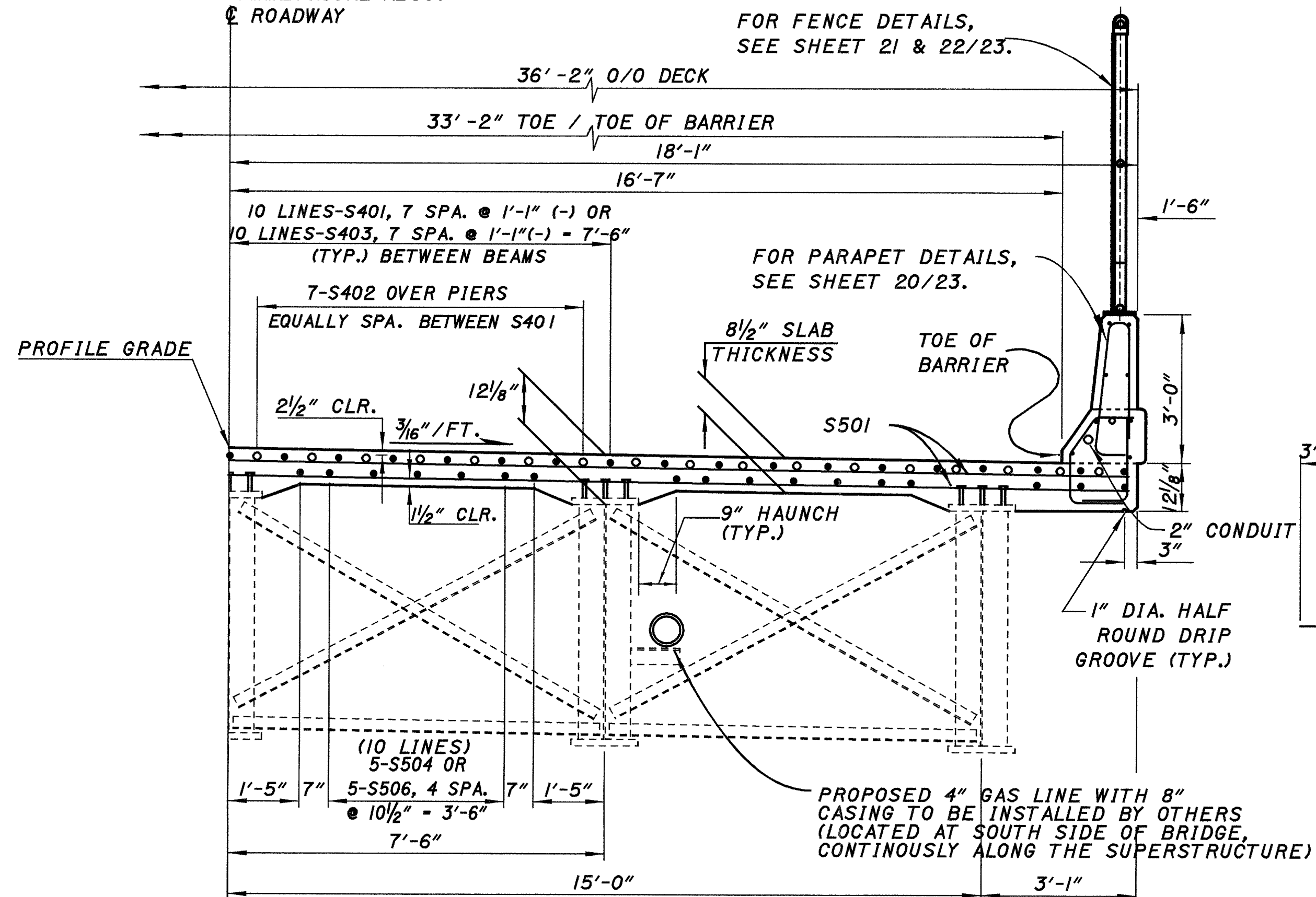
DESIGNED
RSD
CHECKED
KAK
DRAIN TAG
REVIS
12-31-97

SYMMETRICAL ABOUT
CL ROADWAY



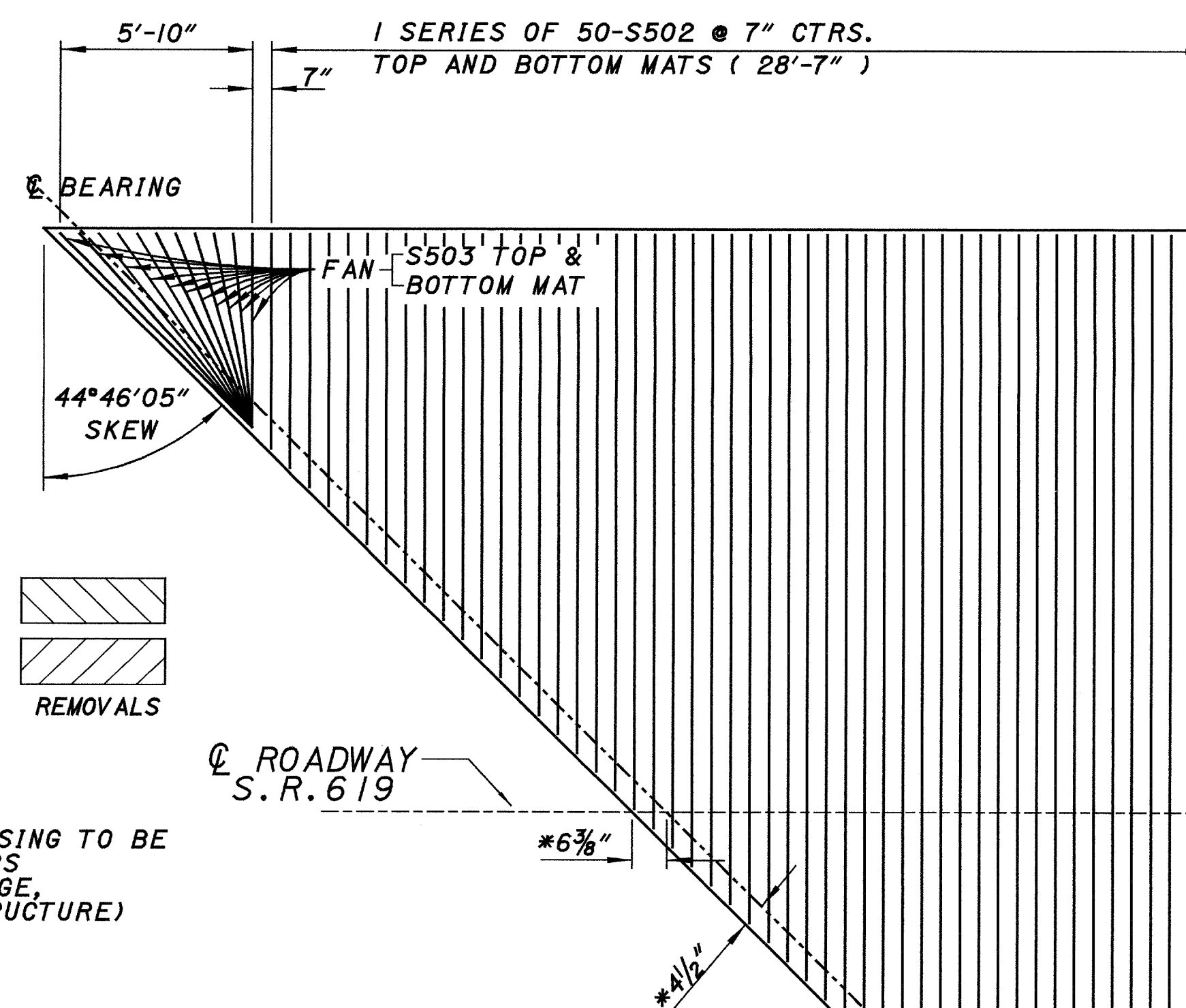
EXISTING TRANSVERSE SECTION

SYMMETRICAL ABOUT
CL ROADWAY



PROPOSED TRANSVERSE SECTION

NOTE: SCUPPERS, BULB ANGLES, EXPANSION JOINTS AND RAILING ARE INCLUDED WITH ITEM 202-PORIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN



PART PLAN SHOWING TRANSVERSE REINFORCING STEEL

* DIMENSION MAY VARY DUE TO TYPE OF EXTRUSION AND STRIP SEAL INSTALLED.

STAGGER OF S402 OVER PIERS

SUPERSTRUCTURE LAP LENGTH
NO. 4 - 2'-0"
NO. 5 - 2'-6"

NOTE: A HAUNCH WIDTH OF 9" SHALL BE USED FOR COMPUTING QUANTITY OF CONCRETE. HOWEVER, THE HAUNCH WIDTH MIGHT VARY BETWEEN 6" AND 12".

DECK SLAB DEPTH:

THE DISTANCE SHOWN FROM THE TOP OF DECK SLAB TO THE BOTTOM OF THE TOP FLANGE IS THE THEORETICAL DESIGN DIMENSION INCLUDING THE DESIGN THICKNESS OF 8 1/2" INCHES. THE QUANTITY OF THE DECK CONCRETE TO BE PAID FOR SHALL BE BASED UPON THIS DIMENSION, MINUS THE DESIGN HAUNCH THICKNESS, EVEN THOUGH DEVIATION FROM IT MAY BE NECESSARY BECAUSE THE TOP FLANGE OF THE GIRDER MAY NOT HAVE THE EXACT CAMBER OR CONFORMATION REQUIRED TO PLACE IT PARALLEL TO THE FINISH GRADE. DEDUCTION SHALL BE MADE FOR VOLUME OF ENCASED STEEL PLATES AS PER 511.18.

FOR CONCRETE SEALING LIMITS, SEE SHEET 20/23.

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

DESIGNED	RSD	CHECKED	WN
DRAWN	RSD	REVISED	12-31-97
REVIEWED	3	DATE	11/24/97
STRUCTURE FILE NUMBER	771131		

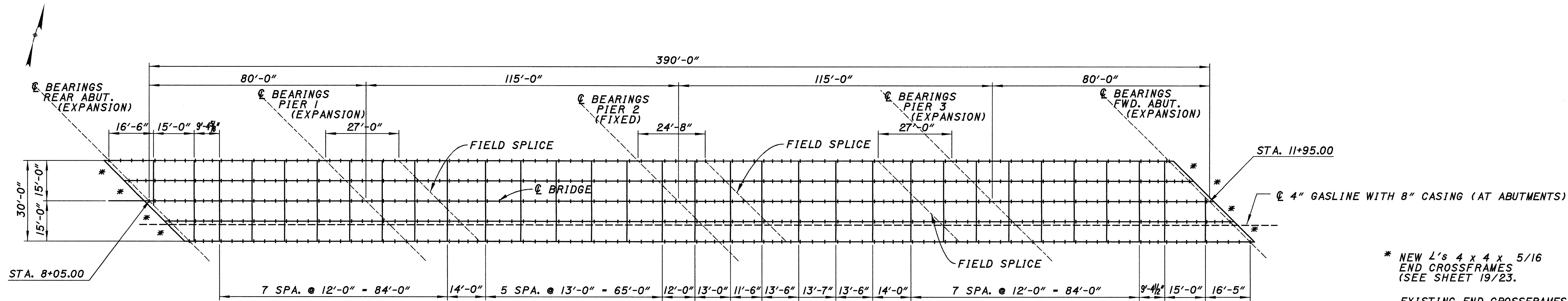
TRANSVERSE SECTIONS
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUN-77-3.97

15 / 23

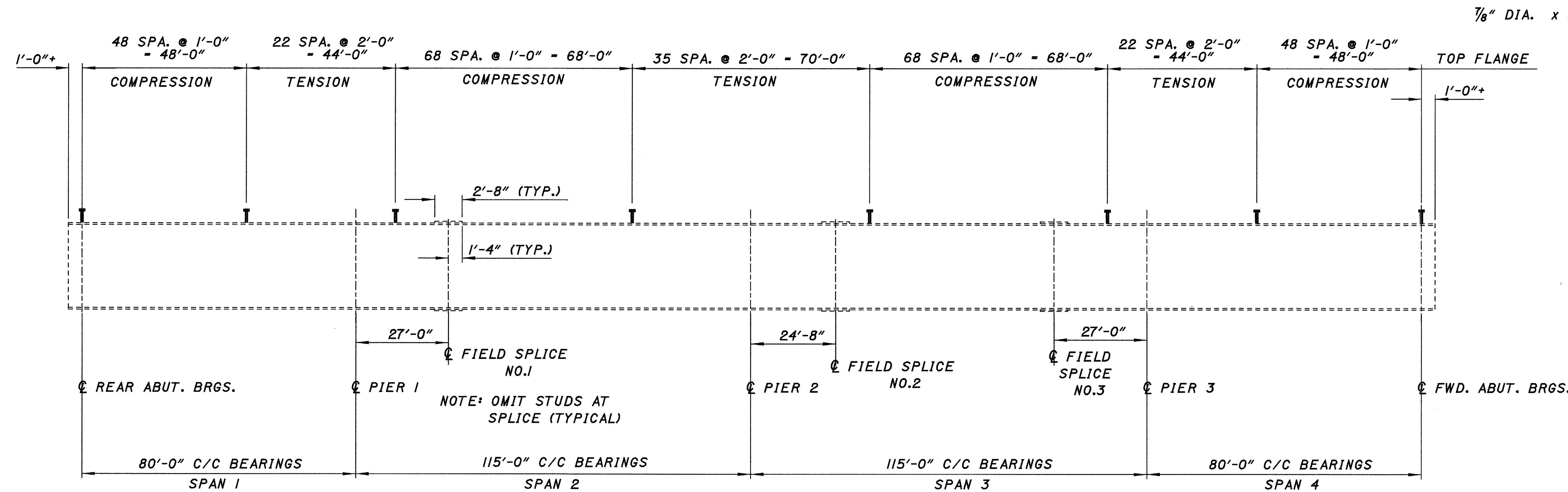
691
772

S0705FP.DGN (20 sct/e) 11-19-97



* NEW L's 4 x 4 x 5/16
END CROSSFRAMES
(SEE SHEET 19/23).

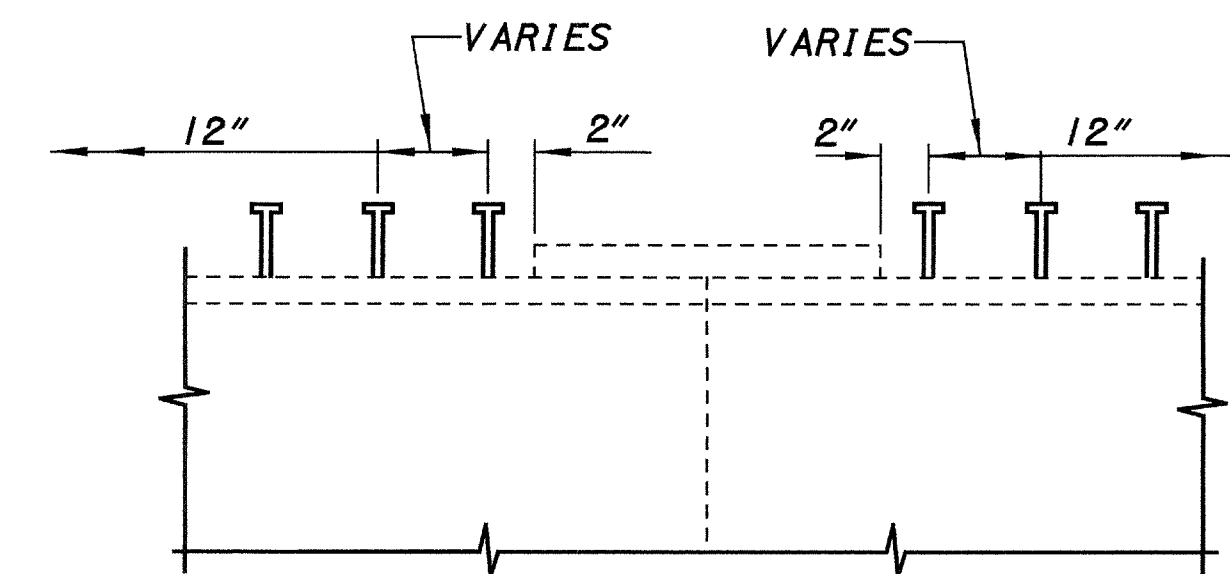
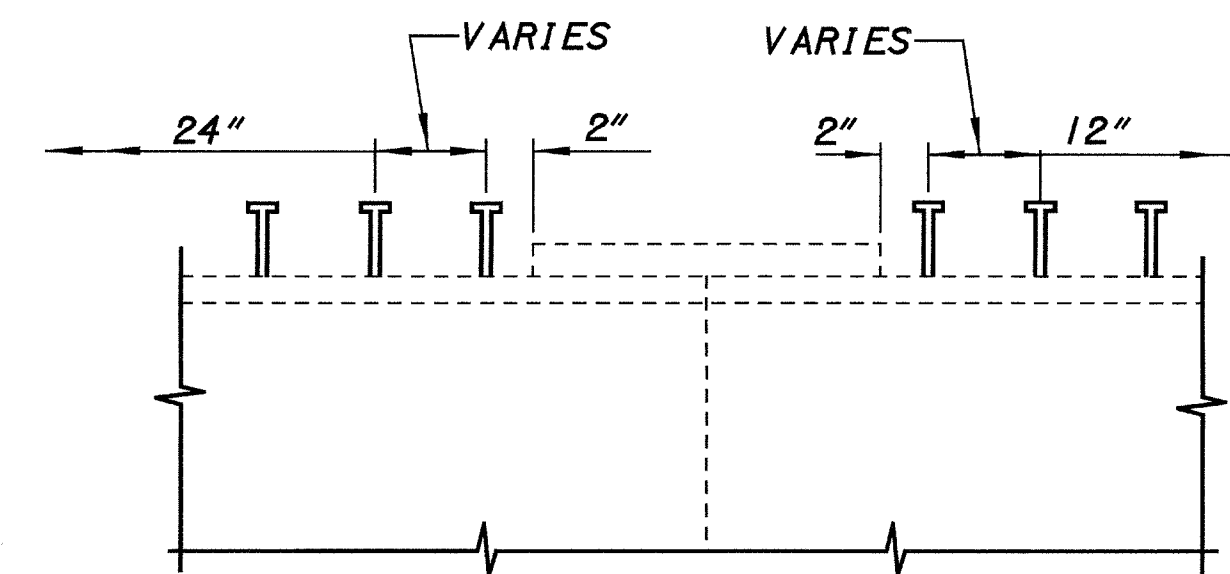
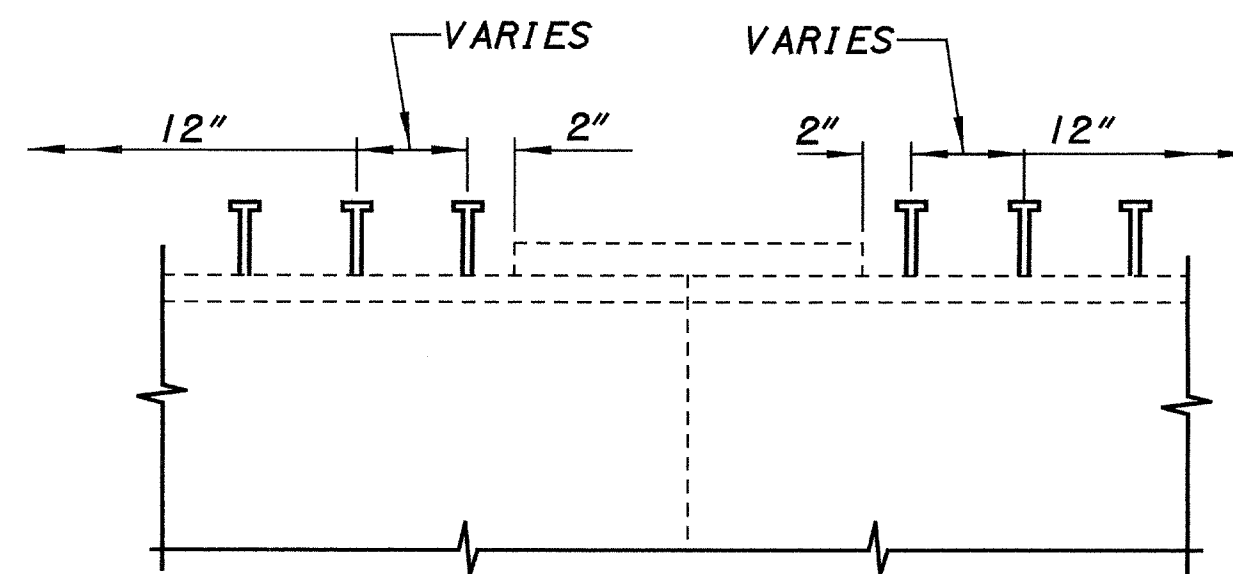
EXISTING END CROSSFRAMES
SHALL BE REMOVED AFTER
JACKING PROCEDURES HAVE
BEEN COMPLETED.



SHEAR CONNECTOR
DETAIL

MINIMUM DISTANCE BETWEEN EDGES OF
FIELD SPLICE PLATES AND TOP FLANGE
OF THE GIRDERS

NOTE:
WELDED ATTACHMENT OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE
MAY BE MADE TO AREAS OF THE FASCIA STRINGER FLANGES DESIGNATED
"COMPRESSION". ATTACHMENTS SHALL NOT BE MADE TO AREAS DESIGNATED
"TENSION". FILLET WELDS TO COMPRESSION FLANGES SHALL NOT BE CLOSER
THAN 1" FROM EDGE OF FLANGE, NOT MORE THAN 2" LONG AND NOT SMALLER
THAN THE MINIMUM SIZE REQUIRED BY AASHTO.



STRUCTURAL DETAILS
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

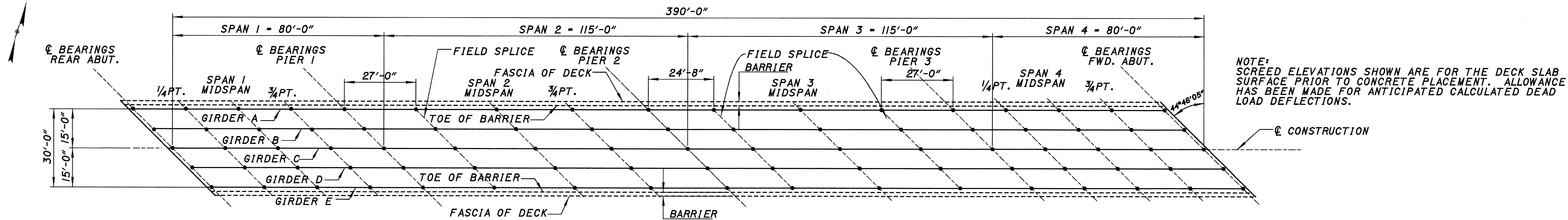
16/23

692
772

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

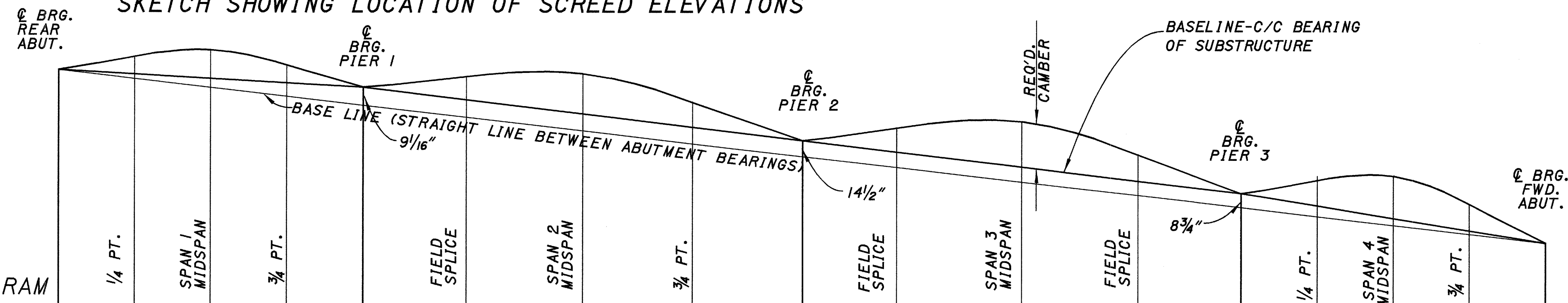
REVIEWED
DATE
11/24/97
STRUCTURE FILE NUMBER
771131

DRAWN
RSD
DESIGNED
RSD
CHECKED
NW



NOTE: SCREED ELEVATIONS SHOWN ARE FOR THE DECK SLAB SURFACE PRIOR TO CONCRETE PLACEMENT. ALLOWANCE HAS BEEN MADE FOR ANTICIPATED CALCULATED DEAD LOAD DEFLECTIONS.

SKETCH SHOWING LOCATION OF SCREED ELEVATIONS



CAMBER DIAGRAM

	1/4 PT.	SPAN 1 MIDSPAN	3/4 PT.	FIELD SPLICE	SPAN 2 MIDSPAN	3/4 PT.	FIELD SPLICE	SPAN 3 MIDSPAN	FIELD SPLICE	1/4 PT.	SPAN 4 MIDSPAN	3/4 PT.	
DEFLECTION DUE TO WEIGHT OF STEEL		1/16"	1/16"	1/16"		3/16"	3/16"	1/8"		1/8"	3/16"	1/8"	
DEFLECTION DUE TO CONCRETE DECK AND PARAPETS		3/8"	3/8"	1/8"		5/8"	1"	9/16"		9/16"	1"	5/8"	
TOTAL DEADLOAD CAMBER		7/16"	7/16"	3/16"		13/16"	13/16"	11/16"		11/16"	13/16"	3/4"	
CONVEXITY REQUIRED FOR VERTICAL CURVE		11/8"	13/8"	5/8"		1"	13/8"	7/8"		7/8"	11/8"	1/2"	
SUM OF ABOVE EQUALS REQUIRED CAMBER		19/16"	13/16"	13/16"		13/16"	29/16"	19/16"		19/16"	25/16"	11/4"	

NOTE: CAMBER DIAGRAM IS FOR INFORMATION PURPOSES ONLY.

DECK SCREED ELEVATIONS

	SPAN 1				SPAN 2				SPAN 3				SPAN 4				
LOCATION LINE	CL BRG. REAR ABUT.	¼ PT.	SPAN 1 MIDSPAN	¾ PT.	CL BRG. PIER 1	FIELD SPLICE	SPAN 2 MIDSPAN	¾ PT.	CL BRG. PIER 2	FIELD SPLICE	SPAN 3 MIDSPAN	FIELD SPLICE	CL BRG. PIER 3	¼ PT.	SPAN 4 MIDSPAN	¾ PT.	BRG. FWD. ABUT.
TOE OF BARRIER LEFT EDGE	1163.17	1163.09	1163.01	1162.81	1162.54	1162.29	1161.95	1161.49	1160.97	1160.59	1159.94	1159.21	1158.51	1158.04	1157.53	1157.01	1156.39
GIRDER A	1163.18	1163.11	1163.01	1162.82	1162.55	1162.31	1161.97	1161.50	1160.97	1160.59	1159.94	1159.20	1158.49	1158.03	1157.52	1156.98	1156.37
GIRDER B	1163.25	1163.20	1163.05	1162.82	1162.58	1162.33	1161.97	1161.50	1160.96	1160.54	1159.90	1159.13	1158.45	1157.95	1157.44	1156.89	1156.27
GIRDER C	1163.32	1163.27	1163.11	1162.86	1162.61	1162.36	1161.99	1161.50	1160.96	1160.52	1159.85	1159.08	1158.37	1157.88	1157.36	1156.80	1156.18
GIRDER D	1163.17	1163.10	1162.90	1162.67	1162.40	1162.16	1161.76	1161.23	1160.69	1160.23	1159.58	1158.78	1158.06	1157.56	1157.02	1156.45	1155.84
GIRDER E	1163.01	1162.93	1162.71	1162.47	1162.21	1161.94	1161.54	1161.01	1160.45	1159.97	1159.27	1158.50	1157.77	1157.26	1156.71	1156.12	1155.50
TOE OF BARRIER RIGHT EDGE	1162.98	1162.88	1162.66	1162.41	1162.16	1161.88	1161.47	1160.90	1160.40	1159.89	1159.19	1158.42	1157.70	1157.17	1156.64	1156.06	1155.43

DECK SCREED ELEVATIONS
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

17/23

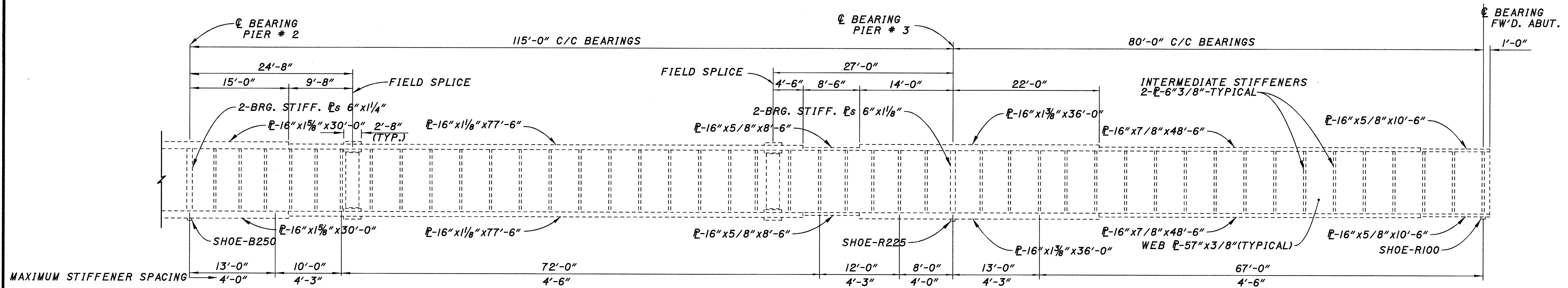
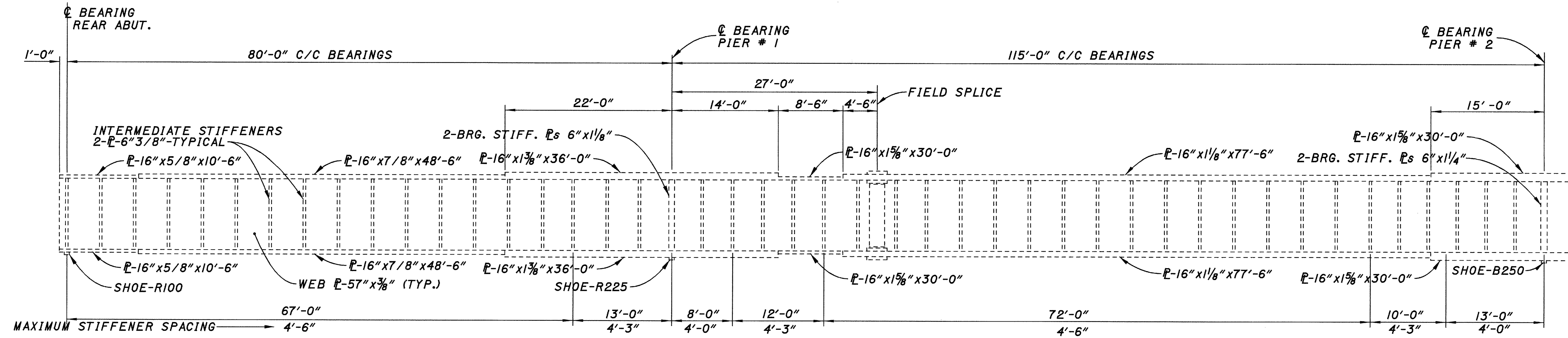
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DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

DATE
11/24/97
STRUCTURE FILE NUMBER
7711131

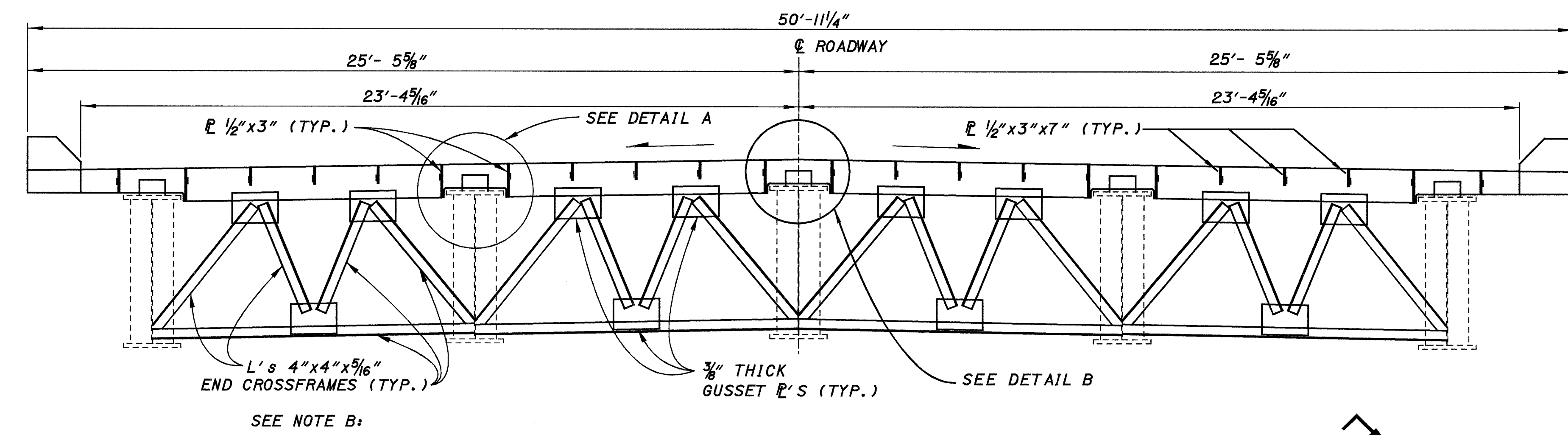
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REVISED

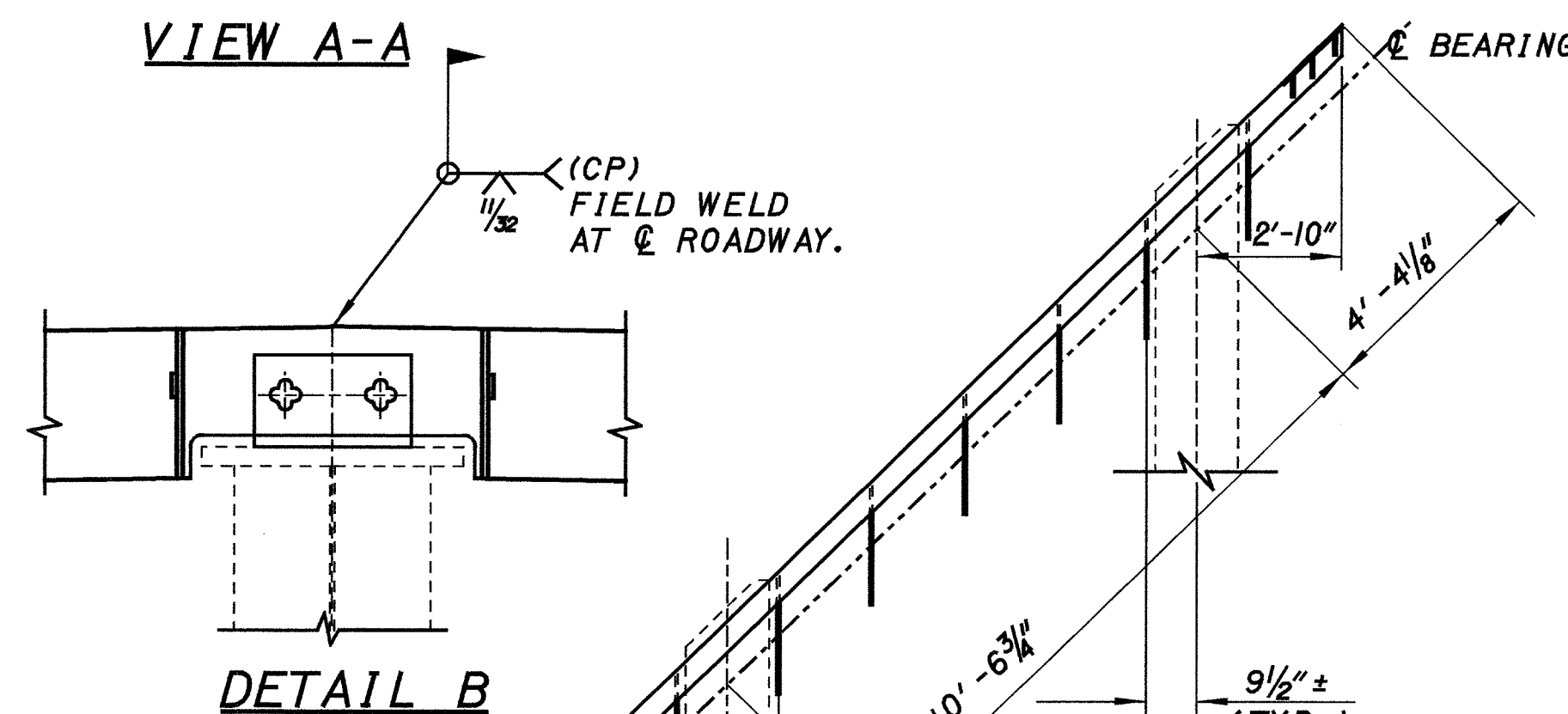
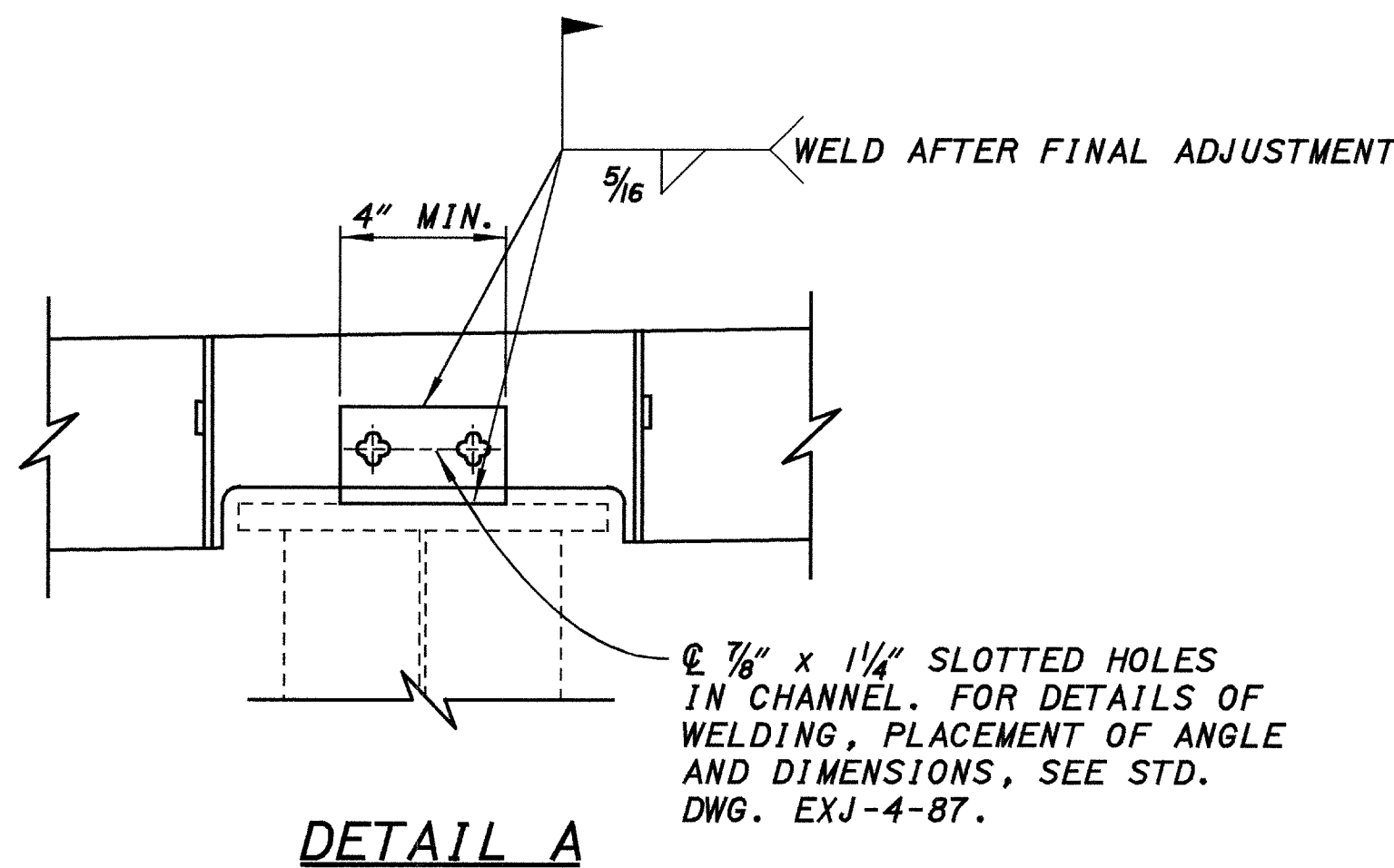


NOTE: DETAILS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.

S07705EX.DGN 11-19-97(2.667) SCALE 2.6667

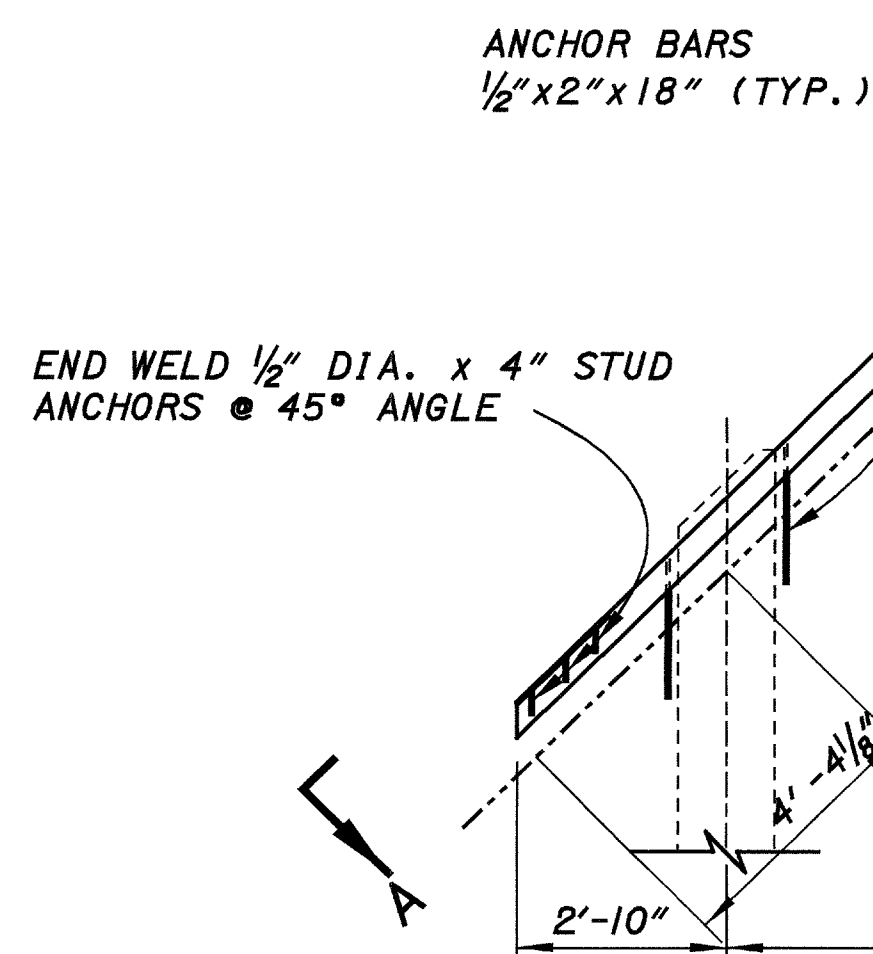


SEE NOTE B:

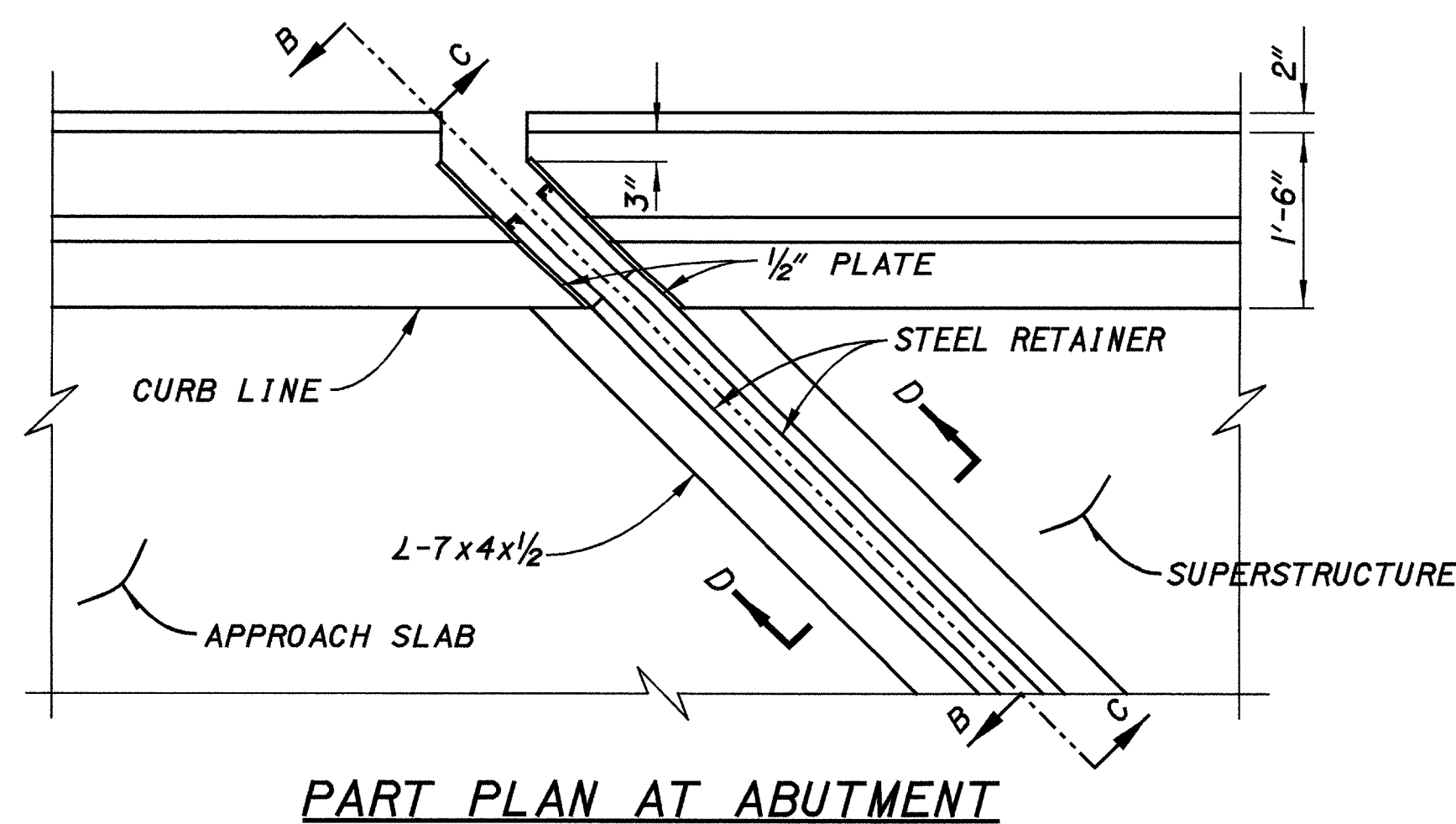


DETAIL B

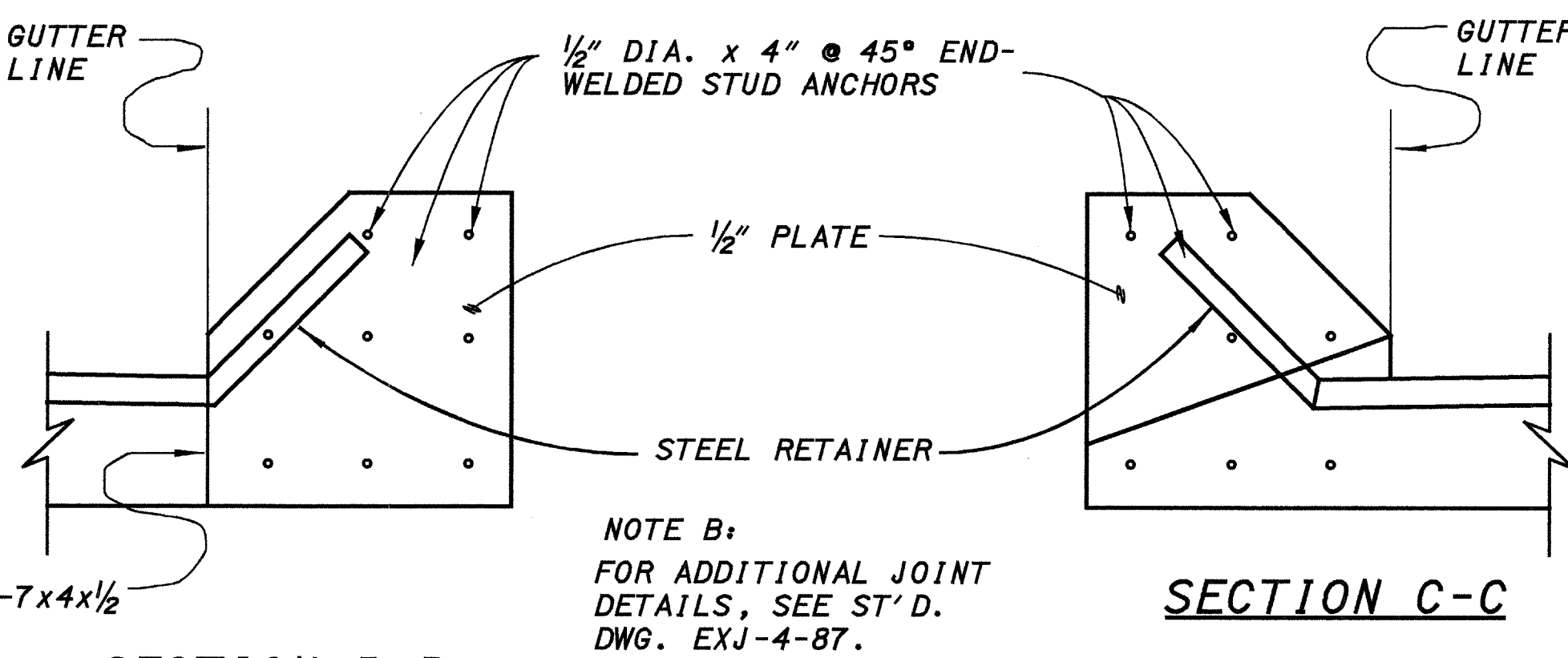
AMBIENT TEMP. F°	DIMENSION A	
	REAR	FORWARD
90°	1 5/8"	1 5/8"
80°	1 3/4"	1 3/4"
70°	1 7/8"	1 7/8"
60°	2"	2"
50°	2 1/8"	2 1/8"
40°	2 3/8"	2 3/8"
30°	2 1/2"	2 1/2"



PLAN

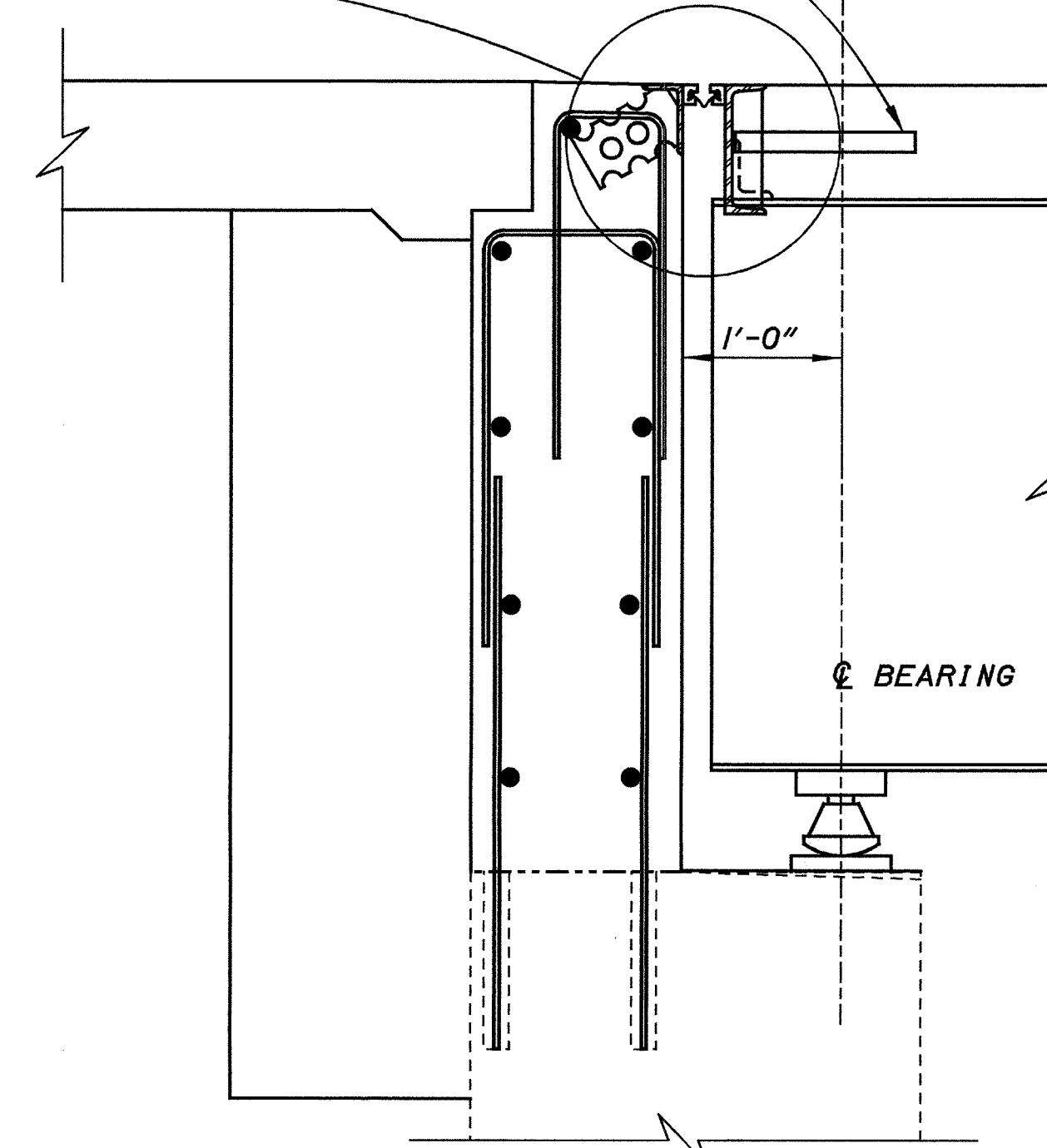


PART PLAN AT ABUTMENT

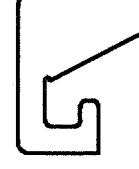
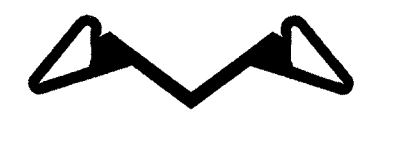


SECTION B-B

NOTE B:
FOR ADDITIONAL JOINT
DETAILS, SEE STD.
DWG. EXJ-4-87.



SECTION C-C

D.S. BROWN COMPANY	WATSON BOWMAN (WABO) ASSOCIATES, INC.	STRUCTURAL ACCESSORIES INC.
 TYPE SS-E STEEL EXTRUSION	 TYPE E STEEL EXTRUSION	 TYPE AM2 STEEL EXTRUSION
 STRIP SEAL SS300	 STRIP SEAL SE-400	 STRIP SEAL ONFLEX 40SEQ
D.S. BROWN CO. P.O. BOX 158 NORTH BALTIMORE, OH., 45872 PH. * (419) 257-3561	STRUCTURAL ACCESSORIES P.O. BOX 10 TERRYVILLE, CT. 06786 PH. * (203) 589-8826	WABO CORP. P.O. BOX 9 AMHERST, N.Y. 14120 PH. * (716) 691-7566

NOTE: CONTRACTOR MAY USE ANY OF THE ABOVE STRIP SEALS AND EXTRUSIONS,
BUT THE CONTRACTOR MUST USE STRIP SEAL THAT CORRESPONDS WITH
MANUFACTURERS EXTRUSION.

EXPANSION JOINT DETAILS
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

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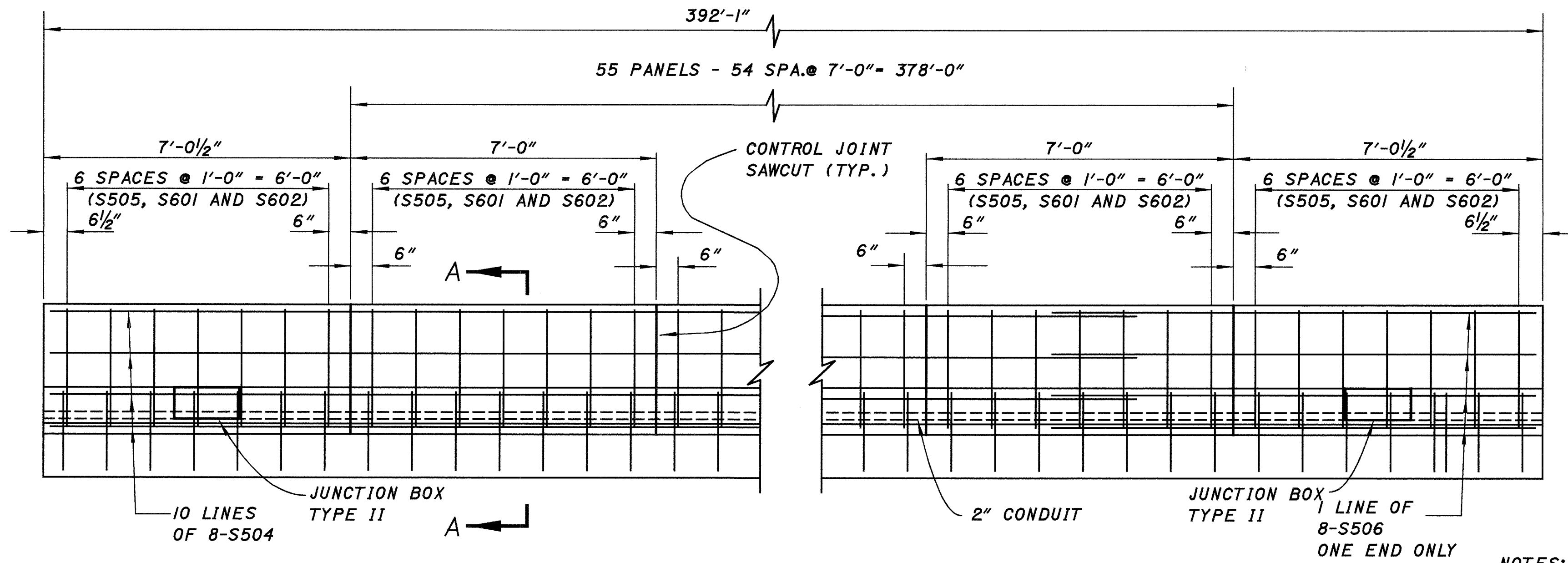
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772

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

DATE
11/24/97
REVIEWED
STRUCTURE FILE NUMBER
7711131

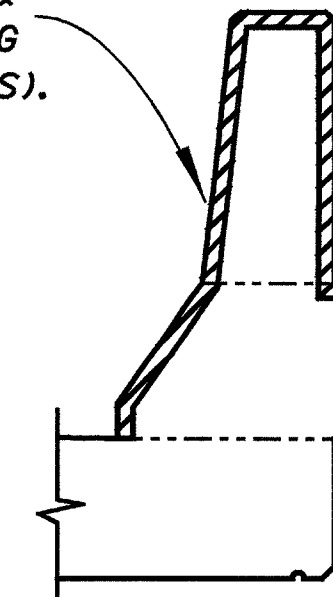
DESIGN
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MN

S07705PA.DGN 11-19-97 (SCALE 2)



SUPERSTRUCTURE PARAPET DETAILS

1" DEPTH SAWCUT &
FILL WITH CAULKING
(SEE BRIDGE NOTES).

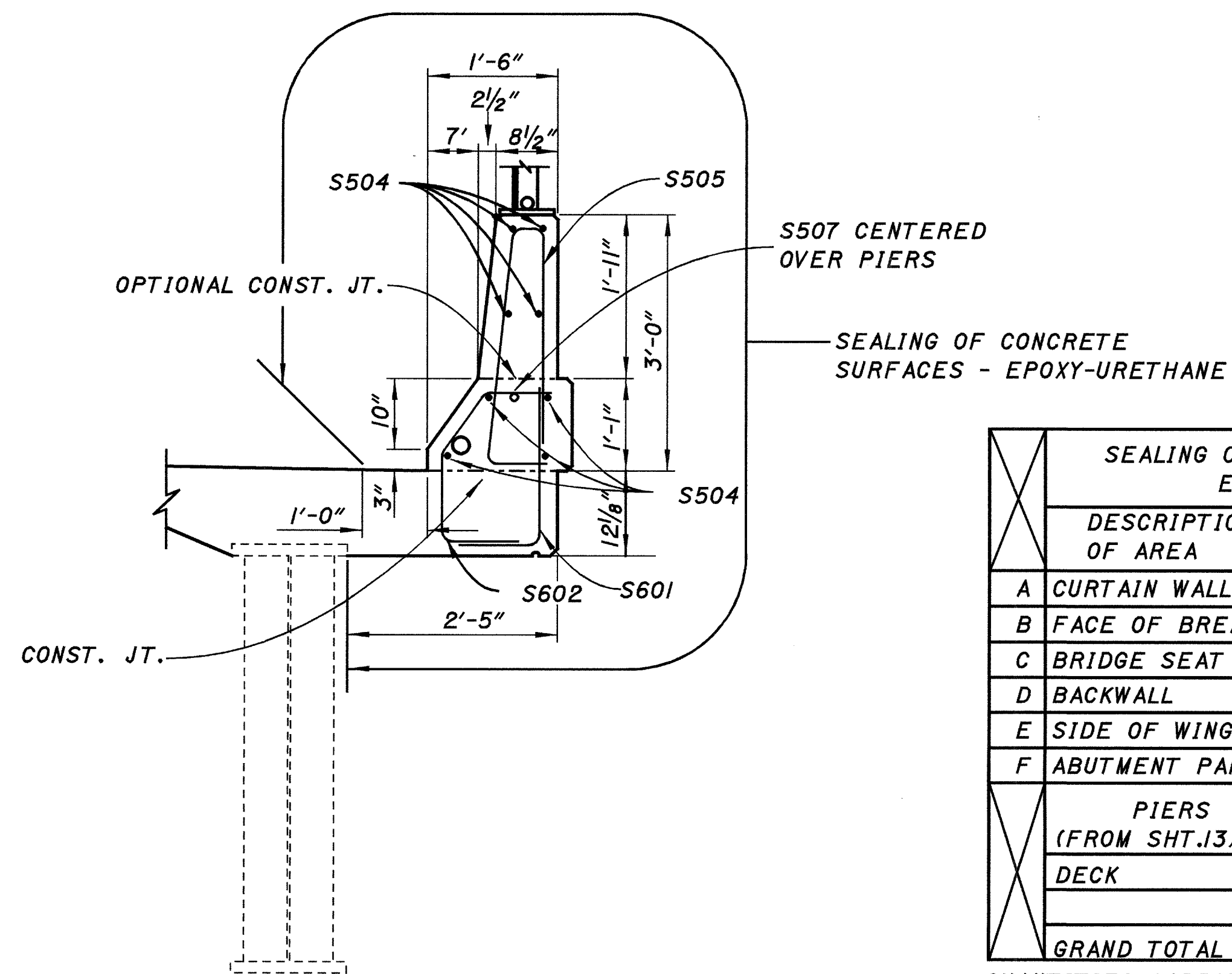


1" SAWCUT & FILL WITH CAULKING

**PARAPET DETAILS
SAWCUTTING**

NOTES:
SOME RE-STEEL IN THE PARAPET
MAY HAVE TO BE ADJUSTED SO THE
TYPE II JUNCTION BOX CAN BE INSTALLED.

IF THE PARAPETS ARE SLIP-FORMED
AND THE CONTRACTOR CANNOT ENSURE
THAT THE JUNCTION BOXES WILL BE
FLUSH WITH THE FACE OF THE CONCRETE,
THEN THAT SECTION OF THE PARAPET
SHALL BE FORMED AND POURED BY HAND.

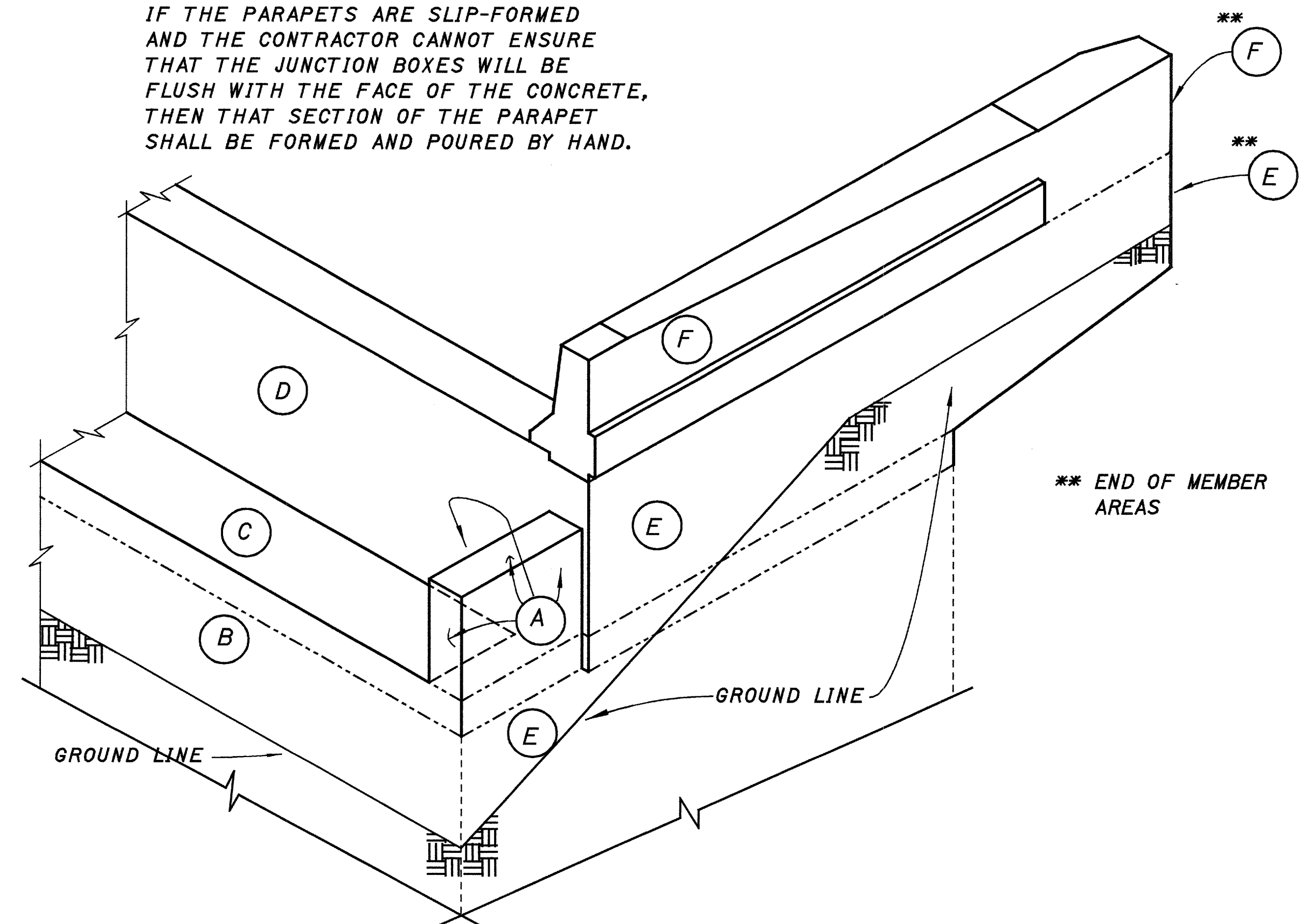


SECTION A-A

	SEALING OF CONCRETE SURFACES- EPOXY-URETHANE	
	DESCRIPTION OF AREA	AREA LOCATION ON ABUTMENTS
A	CURTAIN WALLS	18
B	FACE OF BREASTWALL*	11
C	BRIDGE SEAT	22
D	BACKWALL	72
E	SIDE OF WINGWALL*	12
F	ABUTMENT PARAPETS	61
	PIERS (FROM SHT.13/23)	283
	DECK	1012
	GRAND TOTAL	1499 SQ.YD.

QUANTITIES CARRIED TO SHEET 3/23.

* EXPOSED SURFACES ONLY



** END OF MEMBER
AREAS

DESIGNED
DRAWN
REVIEWED
DATE
STRUCTURE FILE NUMBER
7711131

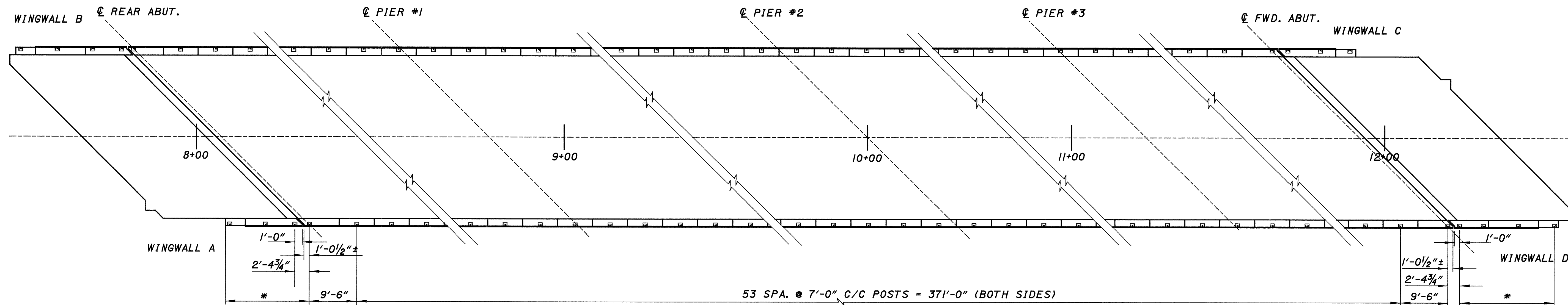
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OF TRANSPORTATION
DISTRICT 5

SUM-77-3.97

20/23

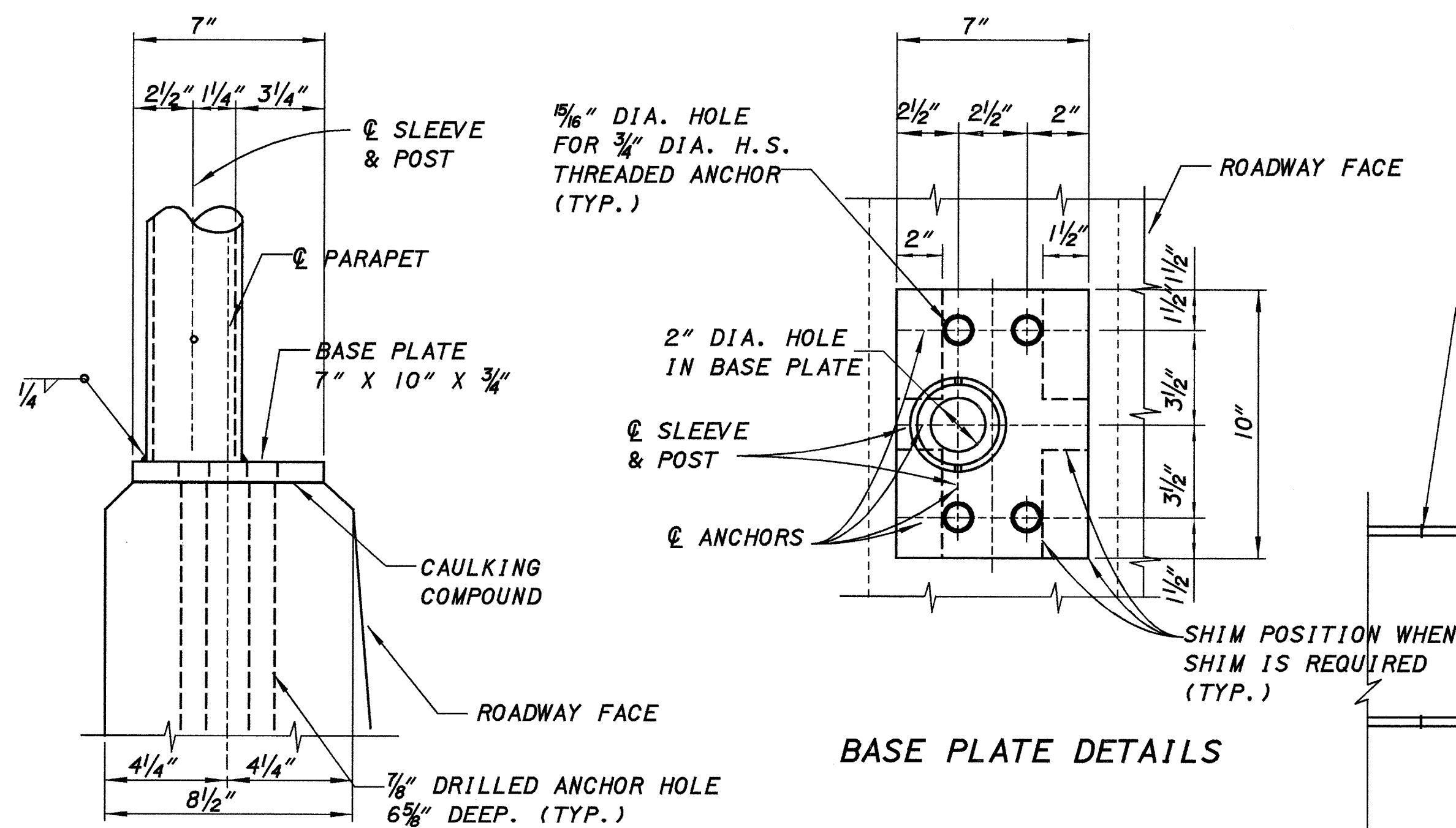
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S07705FN.DGN 11-19-97 (SCALE 10.667)



PLAN

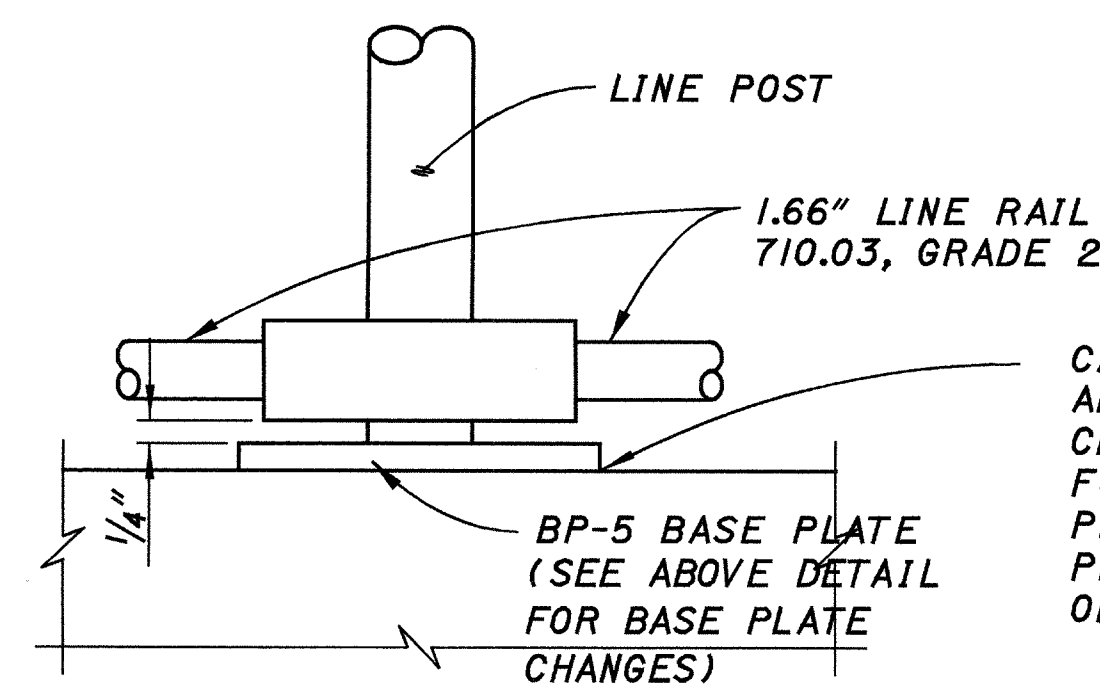
FOR ADDITIONAL NOTES, DETAILS AND DIMENSIONS, SEE ST'D. DWG. VPF-I-90.



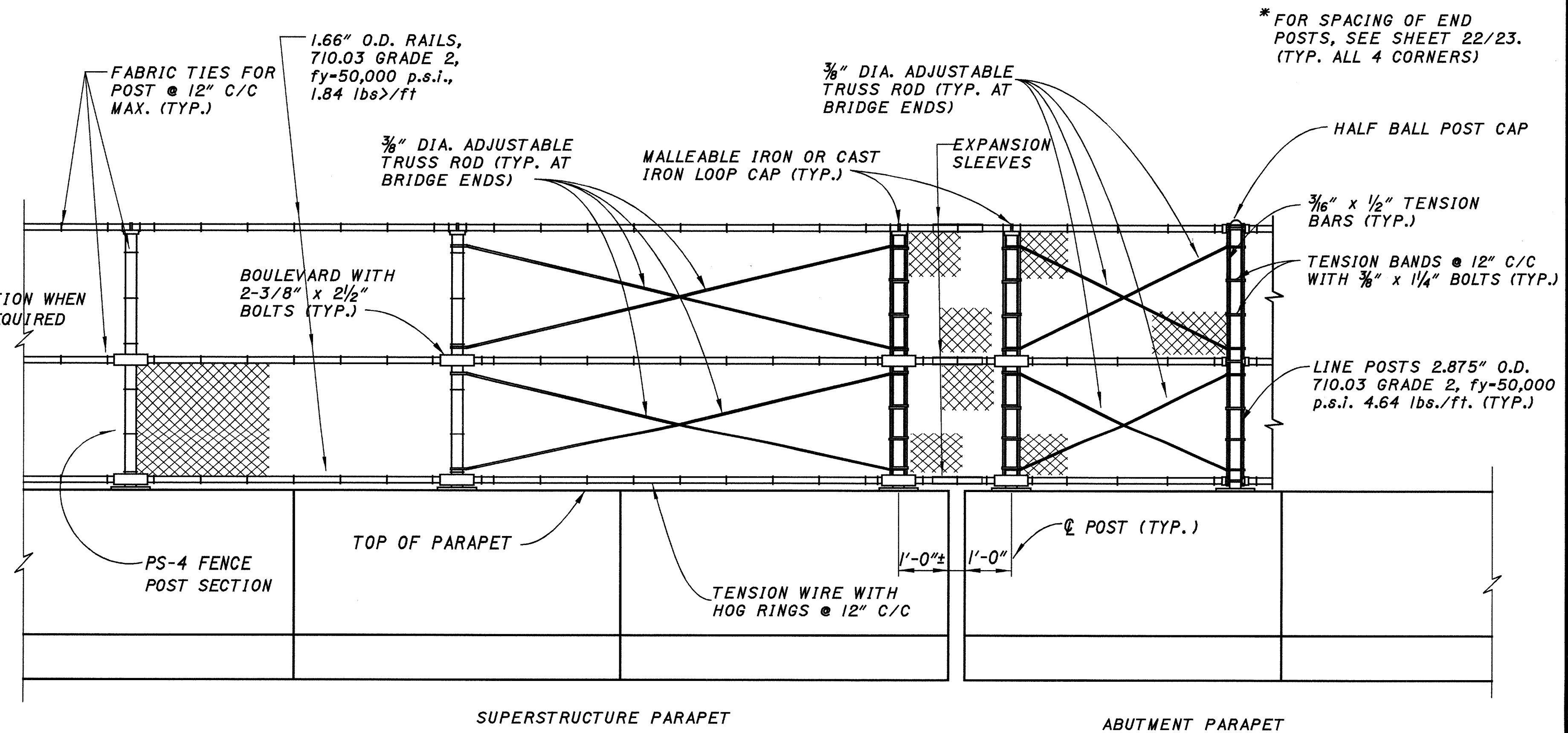
BASE PLATE DETAILS

POST SLEEVE AND BASE PLATE

NOTES: ANCHORS NOT SHOWN SEE ST'D. DWG. VPF-I-90 1/6 FOR GENERAL NOTES AND FOR OPTIONAL ANCHORAGE IN NEW CONCRETE AND SHEET 2/6 FOR POST SLEEVE DETAILS.



ELEVATION AT LINE POST



OUTSIDE ELEVATION

VANDAL PROTECTION FENCE DETAILS
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

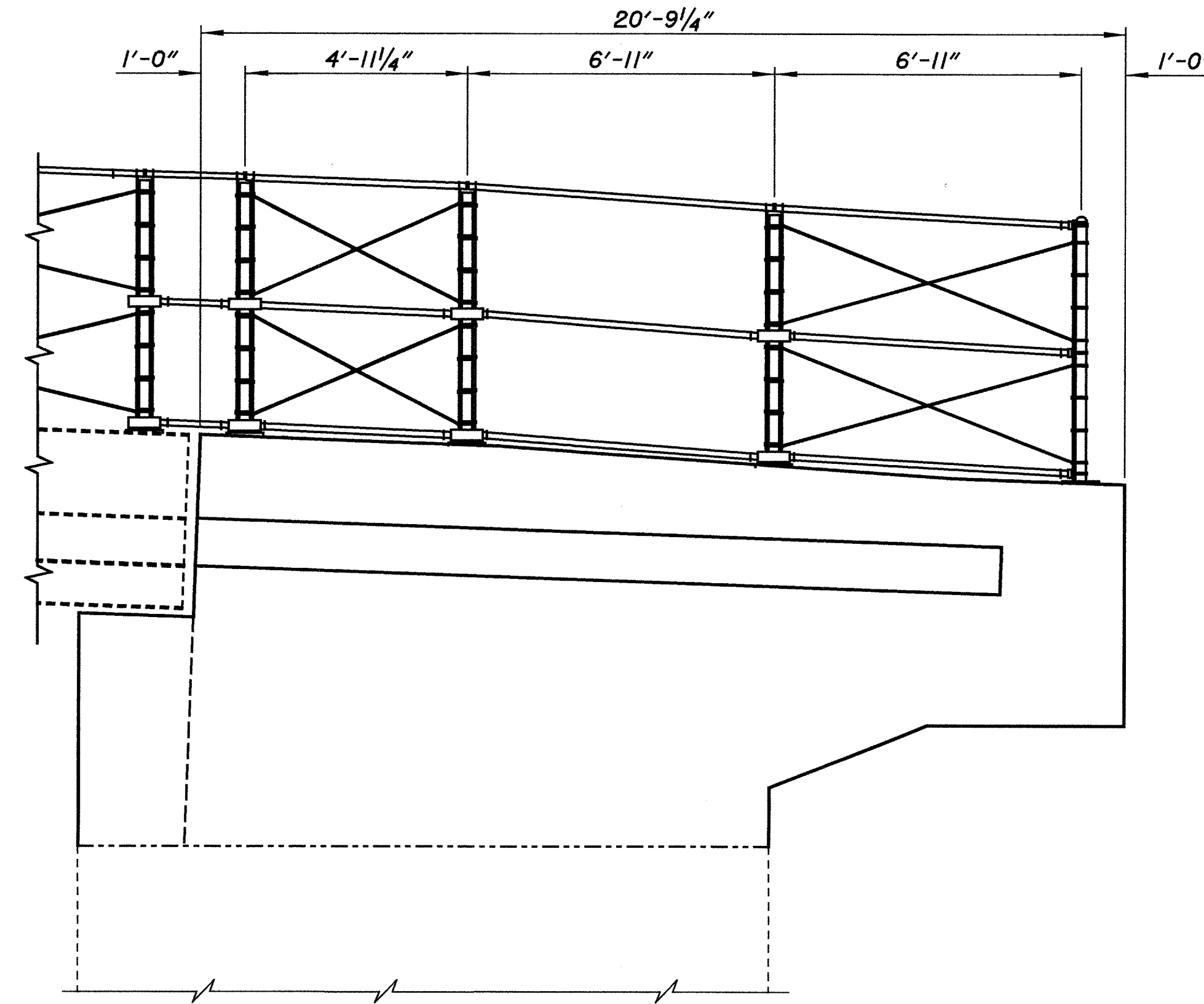
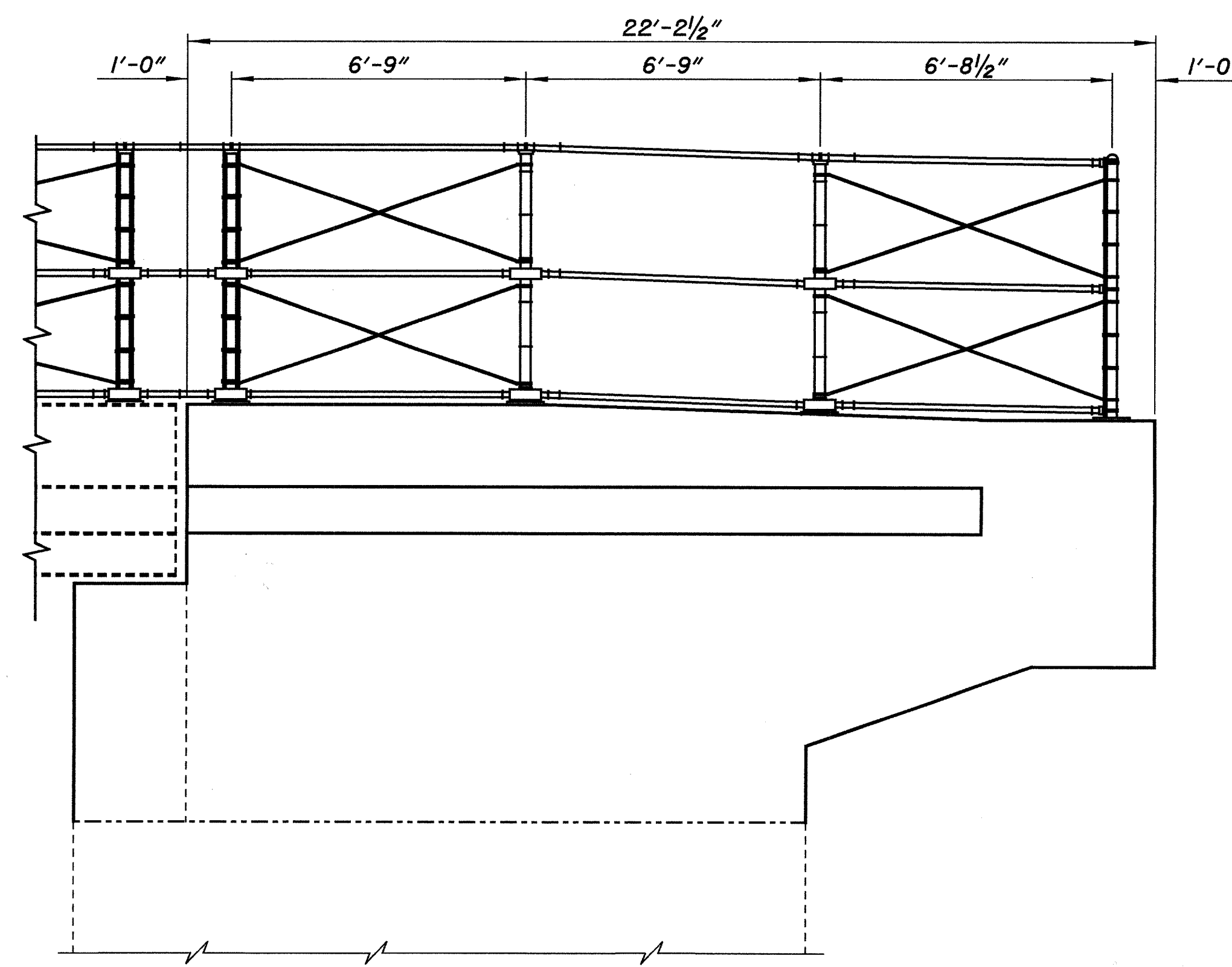
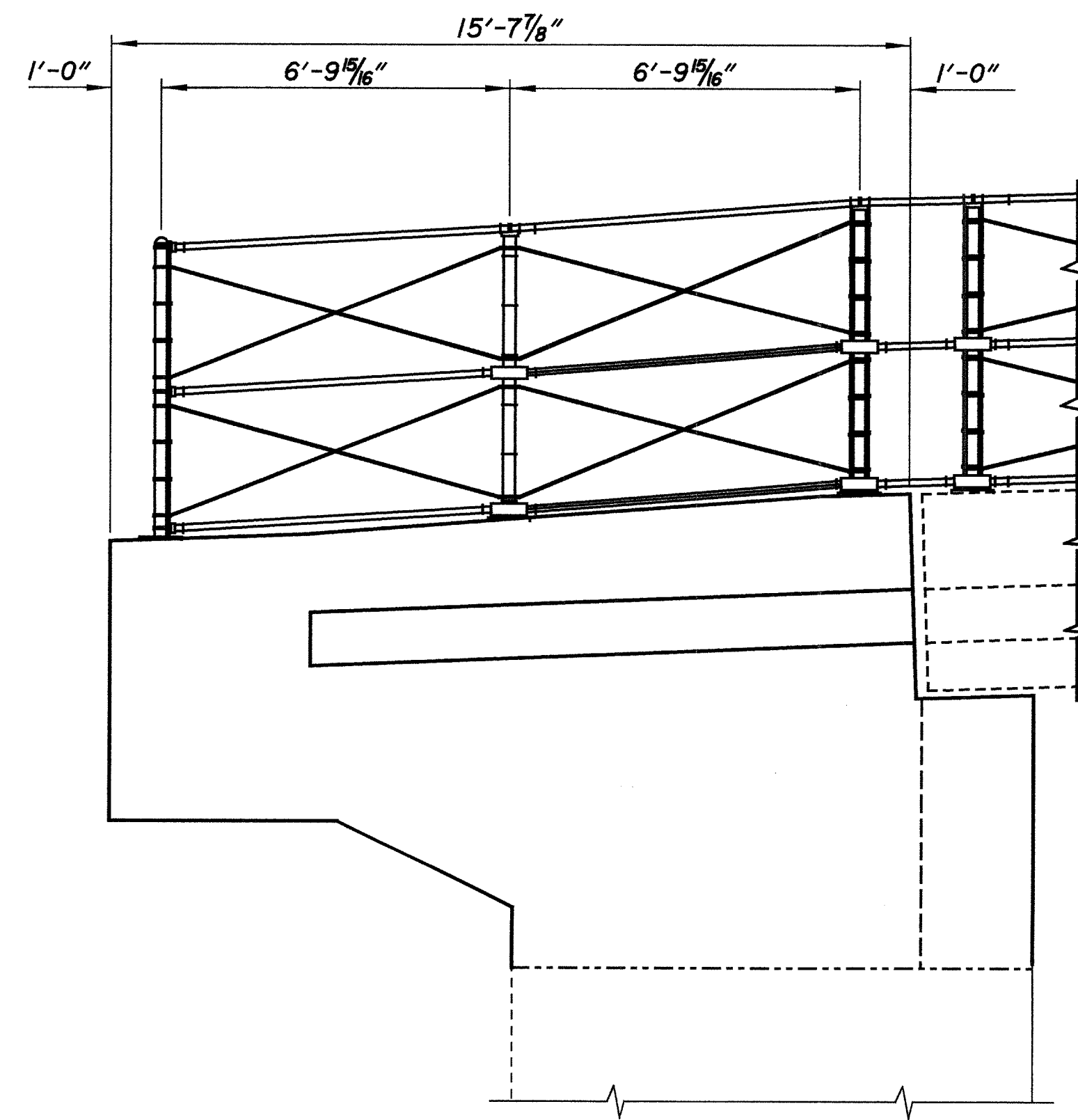
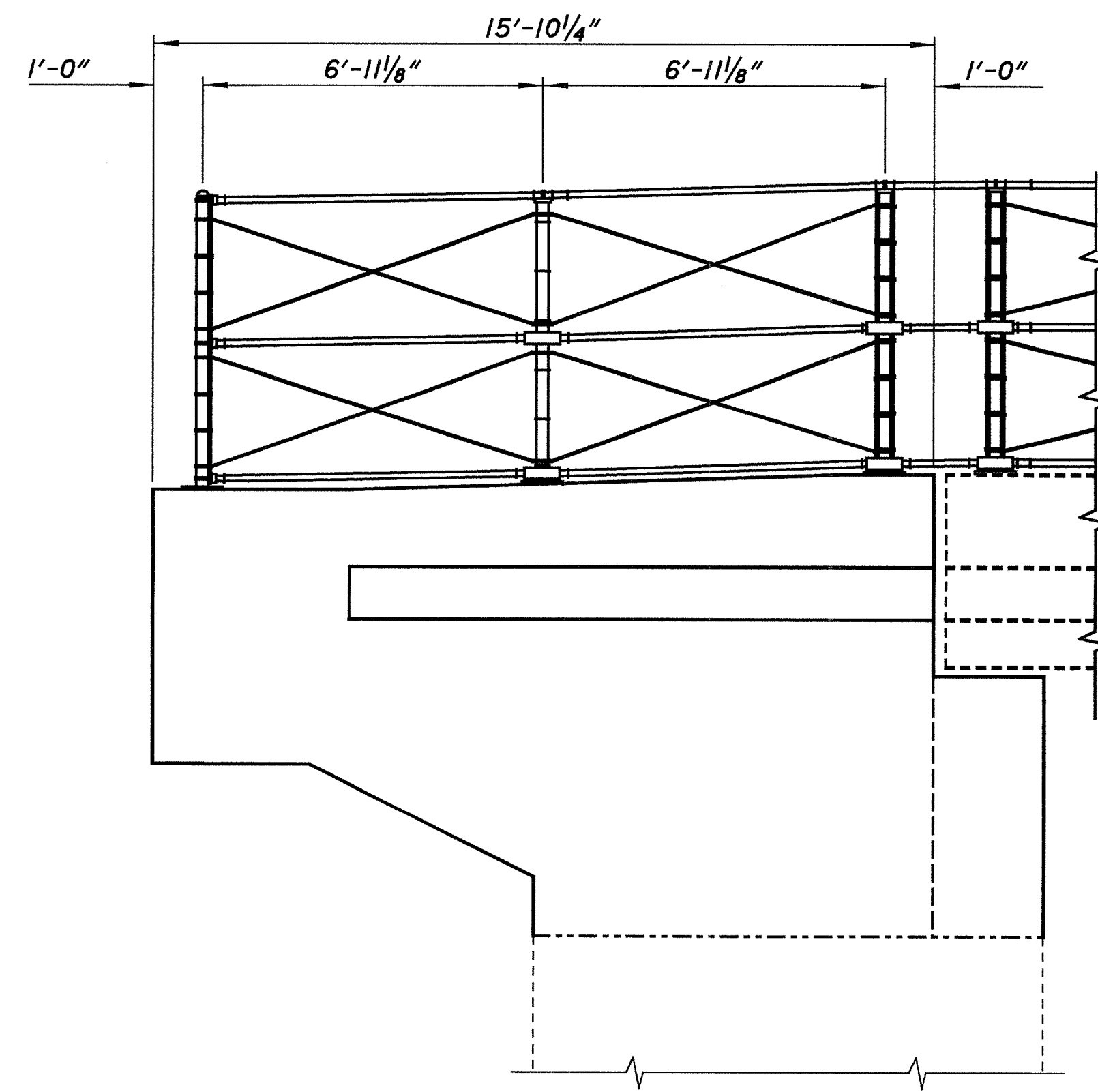
21 / 23

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772

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

DATE
11/24/97
REVIEWED
6
STRUCTURE FILE NUMBER
7711131

DRAWN
RSD
DESIGNED
RSD
CHECKED
NN



FENCING DETAILS
BRIDGE NO. SUM-619-0851
OVER INTERSTATE 77

SUM-77-3.97

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DESIGNED	RSD	CHECKED	MM
DRAWN	RSD	REVISED	
REVIEWED	6	DATE	11/24/97
STRUCTURE FILE NUMBER	771131		

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 5

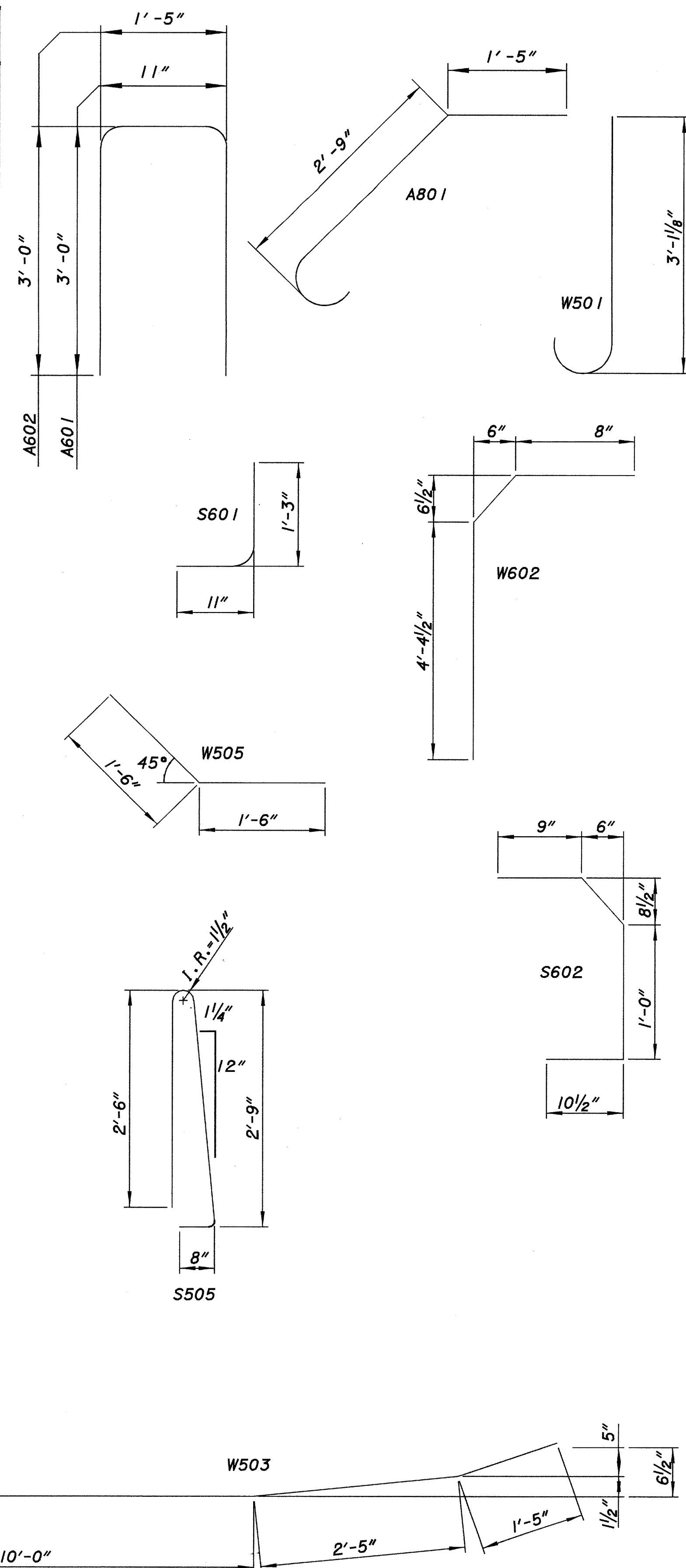
PARAPETS / WINGWALLS				
MARK	NUMBER REQ'D.	SHAPE	LENGTH	WEIGHT
W501	48	BT.	3' - 0"	150
W502	12	ST.	13' - 10"	173
W503	8	BT.	13' - 10"	115
W504	5	ST.	21' - 10"	114
W505	20	BT.	5' - 11"	123
W506	4	ST.	10' - 0"	42
W507	2	ST.	16' - 9"	35
W508	5	ST.	22' - 10"	119
W509	4	ST.	6' - 0"	25
W510	40	ST.	4' - 6"	188
W511	10	ST.	15' - 4"	160
W512	2	ST.	10' - 3"	21
W513	8	ST.	7' - 9"	65
W514	4	ST.	8' - 9"	37
W515	5	ST.	20' - 7"	107
W516	2	ST.	15' - 4"	32
W517	4	ST.	12' - 10"	54
W518	4	ST.	5' - 0"	21
W519	2	ST.	9' - 10"	21
W520	10	ST.	14' - 3"	149
W521	8	ST.	3' - 8"	31
W522	5	ST.	21' - 8"	113
W601	19	ST.	2' - 10"	81
W602	67	BT.	5' - 10"	587
W603	72	ST.	5' - 3"	568
W604	66	ST.	7' - 6"	744
W605	4 SERIES OF 4	ST.	2' - 3" TO 3' - 5"	68
W606	16	ST.	6' - 2"	148
W609	28	ST.	7' - 0"	294
W610	2 SERIES OF 3	ST.	2' - 3" TO 2' - 11"	23
W611	2 SERIES OF 3	ST.	2' - 4" TO 3' - 4"	26
SUBTOTAL (PARAPETS/WINGWALLS)				4,434

[illegible]

**VARIES
BY 7"
INCREMENTS**

[illegible]

NOTE: RE-STEEL SHALL BE INCLUDED FOR PAYMENT WITH ITEM 511. THE ABOVE QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY.



BENDING DIAGRAM