

87654321

VTBR97291

1A

ZONE LTR

REVISION

BY DATE APP DATE

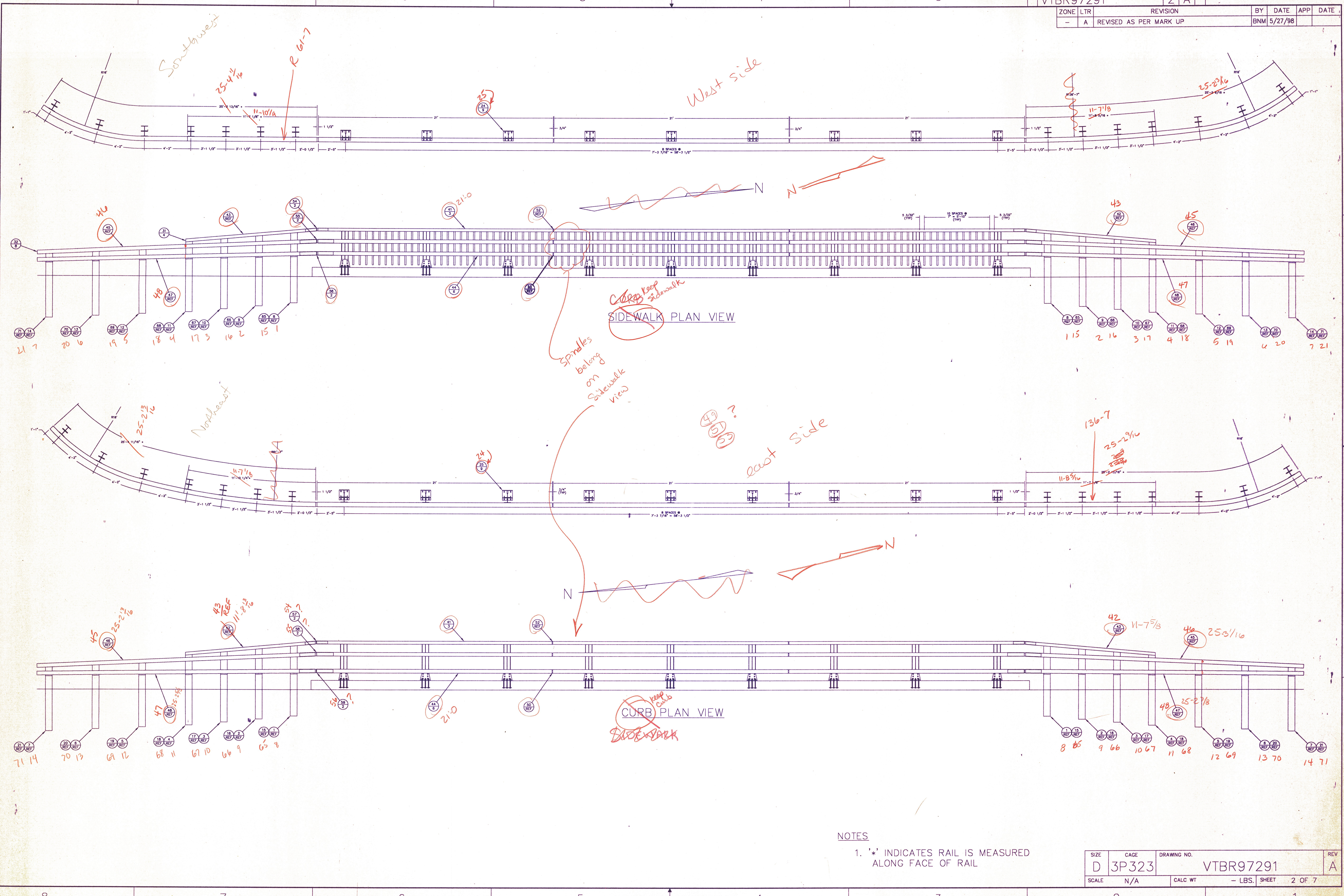
REVISED AS PER MARK UP

BNM 5/27/98

71	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5	35	-	ANCHOR STUD	90	3/4"-10UNC x 10"	STEEL	A325 GALVANIZED	-	3							
70	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5	34	-	WASHER	90	3/4"	STEEL	GALVANIZED	-	3							
69	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5	33	-	HEAVY HEX NUT	90	3/4"-10UNC	STEEL	A325 GALVANIZED	-	3							
68	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5	32	-	BARRIER RAIL END CAP	8	-	ALUMINUM	6061-T6	-	3							
67	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5	31	-	HAND RAIL END CAP	4	-	ALUMINUM	6061-T6	-	3							
66	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5	30	-	ANCHOR PLATE	18	10 1/8" x 8 5/8" x 1/8"	-	-	-	3							
65	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5	29	-	POST PAD	18	10 3/4" x 10 3/4" x 1/8"	RUBBER	-	-	3							
64	-	NUT	90	3/4"-10UNC	STEEL	A325 GALVANIZED	-	-	28	-	# CLAMP BAR	68	1 13/32" x 7 1/8"	ALUMINUM	6061-T6	-	3							
63	-	JAM NUT	90	3/4"-10UNC	STEEL	A325 GALVANIZED	-	-	27	-	# CLAMP BAR	184	1 21/32" x 7 1/8"	ALUMINUM	6061-T6	-	3							
62	-	WASHER	-	1/2"	-	-	-	4	26	-	POST BASE	18	-	ALUMINUM	6061-T6	-	3							
61	-	'A' BOLT	-	1/2"-13 x 1"	-	-	-	4	25	-	'B' POST ASSEMBLY	9	-	ALUMINUM	6061-T6	-	4							
60	-	'B' BOLT	-	1/2"-13 x 7/8"	-	-	-	4	24	-	'A' POST ASSEMBLY	9	-	ALUMINUM	6061-T6	-	4							
59	-	BARRIER SPLICE (BENT)	2	3'-0"	ALUMINUM	6061-T6	-	-	23	-	POST STEM	18	7 1/4" x 3'-5 3/16"	ALUMINUM	6061-T6	-	3							
58	-	BARRIER SPLICE (BENT)	2	3'-0"	ALUMINUM	6061-T6	-	-	22	-	BRIDGE OFFSET BLOCK	9	7 1/4" x 2'-11"	ALUMINUM	6061-T6	-	3							
57	-	HAND SPLICE (BENT)	2	2'-0"	ALUMINUM	6061-T6	-	-	21	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5							
56	-	BARRIER SPLICE (BENT)	2	3'-0"	ALUMINUM	6061-T6	-	-	20	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5							
55	-	BARRIER SPLICE (BENT)	2	3'-0"	ALUMINUM	6061-T6	-	-	19	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5							
54	-	HAND SPLICE (BENT)	2	2'-0"	ALUMINUM	6061-T6	-	-	18	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5							
53	-	BARRIER SPLICE	8	3'-0"	ALUMINUM	6061-T6	-	-	17	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5							
52	-	HAND SPLICE	4	2'-0"	ALUMINUM	6061-T6	-	-	16	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5							
51	-	BARRIER RAIL*	1	25'-4 25/32"	ALUMINUM	6061-T6	-	-	15	-	APPROACH OFFSET BLOCK	2	-	ALUMINUM	6061-T6	-	5							
50	-	BARRIER RAIL*	1	25'-4 31/32"	ALUMINUM	6061-T6	-	-	14	-	APPROACH POST #14	2	7 1/4" x 6'-0"	ALUMINUM	6061-T6	-	5							
49	-	HAND RAIL*	1	11'-10 25/32"	ALUMINUM	6061-T6	-	-	13	-	APPROACH POST #13	2	7 1/4" x 6'-0"	ALUMINUM	6061-T6	-	5							
48	-	BARRIER RAIL*	1	25'-2 21/32"	ALUMINUM	6061-T6	-	-	12	-	APPROACH POST #12	2	7 1/4" x 6'-0"	ALUMINUM	6061-T6	-	5							
47	-	BARRIER RAIL*	2	25'-2 29/32"	ALUMINUM	6061-T6	-	-	11	-	APPROACH POST #11	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
46	-	BARRIER RAIL*	1	25'-2 27/32"	ALUMINUM	6061-T6	-	-	10	-	APPROACH POST #10	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
45	-	BARRIER RAIL*	2	25'-3 3/32"	ALUMINUM	6061-T6	-	-	9	-	APPROACH POST #9	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
44	-	BARRIER RAIL	12	21'-0"	ALUMINUM	6061-T6	-	-	8	-	APPROACH POST #8	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
43	-	HAND RAIL	2	11'-7 21/32"	ALUMINUM	6061-T6	-	-	7	-	APPROACH POST #7	2	7 1/4" x 6'-0"	ALUMINUM	6061-T6	-	5							
42	-	HAND RAIL*	1	11'- 8 27/32"	ALUMINUM	6061-T6	-	-	6	-	APPROACH POST #6	2	7 1/4" x 6'-0"	ALUMINUM	6061-T6	-	5							
41	-	HAND RAIL	6	21'-0"	ALUMINUM	6061-T6	-	-	5	-	APPROACH POST #5	2	7 1/4" x 6'-0"	ALUMINUM	6061-T6	-	5							
40	-	BALUSTER	88	1 1/2" O.D. x 3'-1 1/2"	ALUMINUM	6061-T6	-	-	4	-	APPROACH POST #4	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
39	-	BALUSTER BOTTOM PANEL	8	6'-6 15/16"	ALUMINIUM	6061-T6	-	-	3	-	APPROACH POST #3	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
38	-	SPRING PIN	8	1/4" DIA. x 3/4"	STAINLESS	18-8	-	-	2	-	APPROACH POST #2	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
37	-	BALUSTER TOP PANEL	8	6'-6 15/16"	ALUMINUM	6061-T6	-	-	1	-	APPROACH POST #1	2	7 1/4" x 6'-6"	ALUMINUM	6061-T6	-	5							
36	-	REFLECTOR	5	5" x 3" x 2 3/4"	ALUMINUM	6061-T6	-	4	FIND NO.	PART NUMBER	DESCRIPTION	QTY	MATERIAL SIZE	MATERIAL	SPECIFICATION/MPN	CALC. WT. (LBS)	SHEET							
FIND NO.	PART NUMBER	DESCRIPTION	QTY	MATERIAL SIZE	MATERIAL	SPECIFICATION/MPN	CALC. WT. (LBS)	SHEET	NEXT ASSEMBLY		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTION DECIMAL ANGLE ±1/16" .X = ± .1 .XX = ± .06 .XXX = ± .010 ±1/2"													
PROJECT				BRIDGE NUMBER		GENERAL NOTES:		JOB NUMBER		TITLE														
MONTGOMERY				15		1. REMOVE BURRS AND BREAK SHARP EDGES ON FABRICATED PARTS.		97291		Ward Weller Co.														
LOCATION				PROJECT NUMBER		2. TOLERANCES ON DIMENSIONS LOCATING BOLT HOLES AND FINISHED SURFACES SHALL NOT BE CUMULATIVE.		PREPARED		17 BRENT DRIVE, HUDSON, MA 01749														
VT 118 OVER THE TROUT RIVER				MVT-037		3. STRAIGHTNESS, FLATNESS, SURFACE FINISH, CONDITION, ETC. OF FABRICATED PARTS SHALL BE MILL OR SHOP STANDARD UNLESS OTHERWISE INDICATED.		BRIAN MANN		(508)562-3444 FAX (508)562-9717														
CUSTOMER				CONTRACT NUMBER		4. DETAILS WHICH INDICATE PERPENDICULARITY OF FABRICATED PARTS (WELDED PIECES, HOLES, CUTOUTS, ETC.) WITHOUT SPECIFICITY ARE TO BE INTERPRETED AS 90°±1/2°.		CHECKED		VT 118 MONTGOMERY														
VERMONT A.O.T.				TOTAL WEIGHT		5. ALUMINUM ASSOCIATION STANDARDS ARE APPLICABLE UNLESS OTHERWISE SPECIFIED.		ENGINEER		SIZE CAGE DRAWING NO. REV														
								CUSTOMER		D 3P323 VTBR97291 A														
										SCALE N/A SHEET 1 OF 7														

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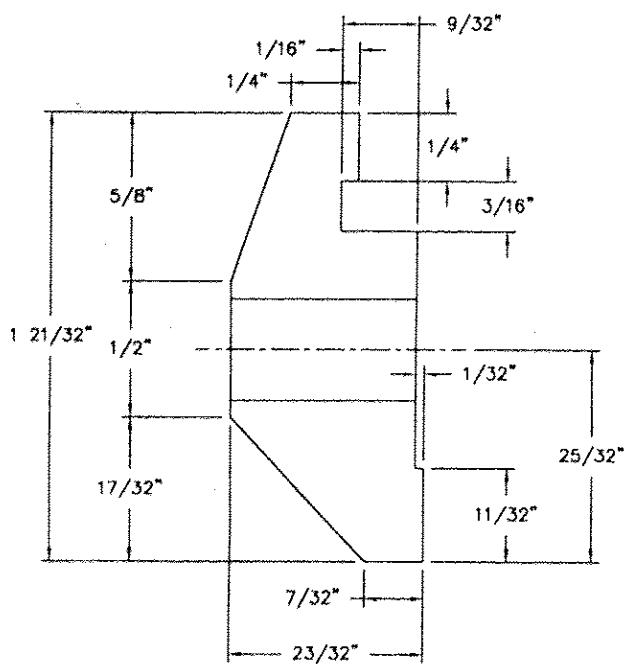
BRIDGE RAIL



NOTES

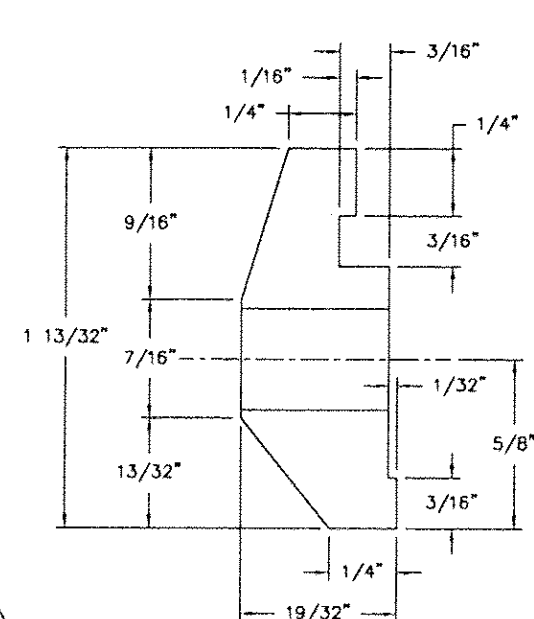
1. '*' INDICATES RAIL IS MEASURED ALONG FACE OF RAIL

1/2-13 UNC-2B THREADED THRU (2 PLACES) FOR
1/2-13 UNC-2A X 1" STAINLESS STEEL HEX HEAD
BOLT AND 1 1/16" O.D. X 17/32" I.D. X 3/32"
THICK ALUMINUM WASHER (2024-T3).

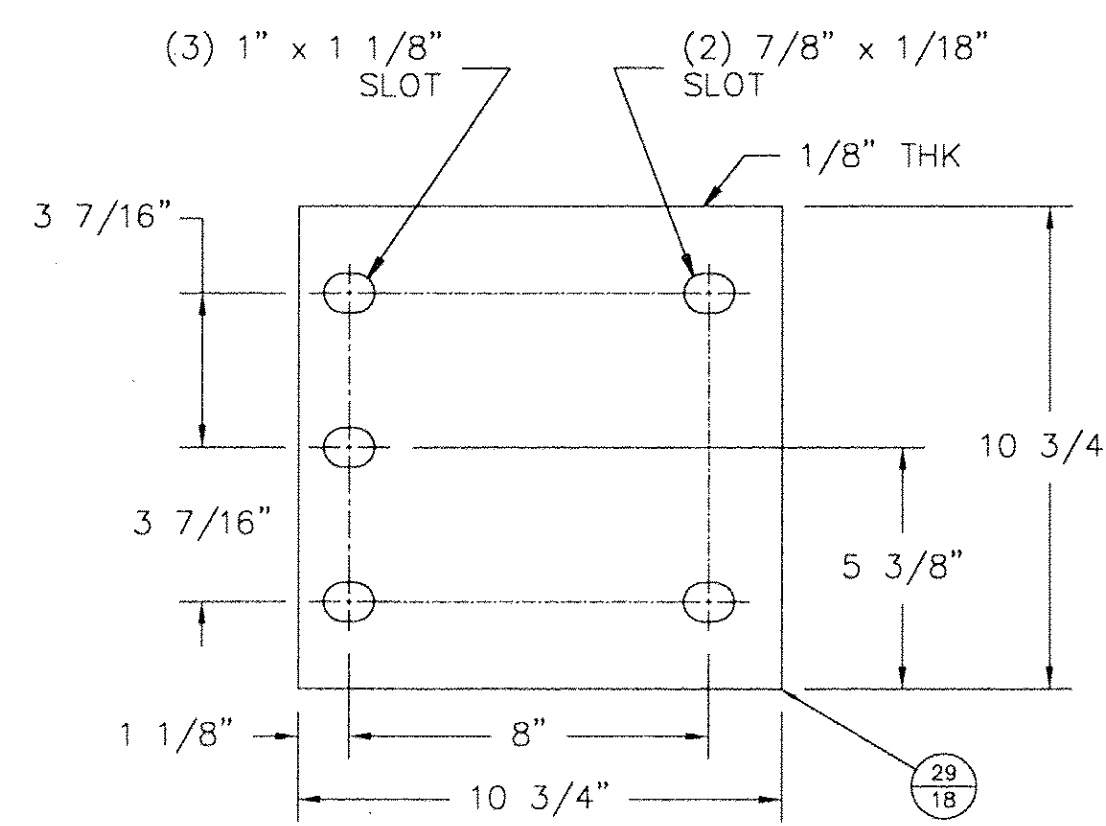


BARRIER RAIL CLAMP BAR

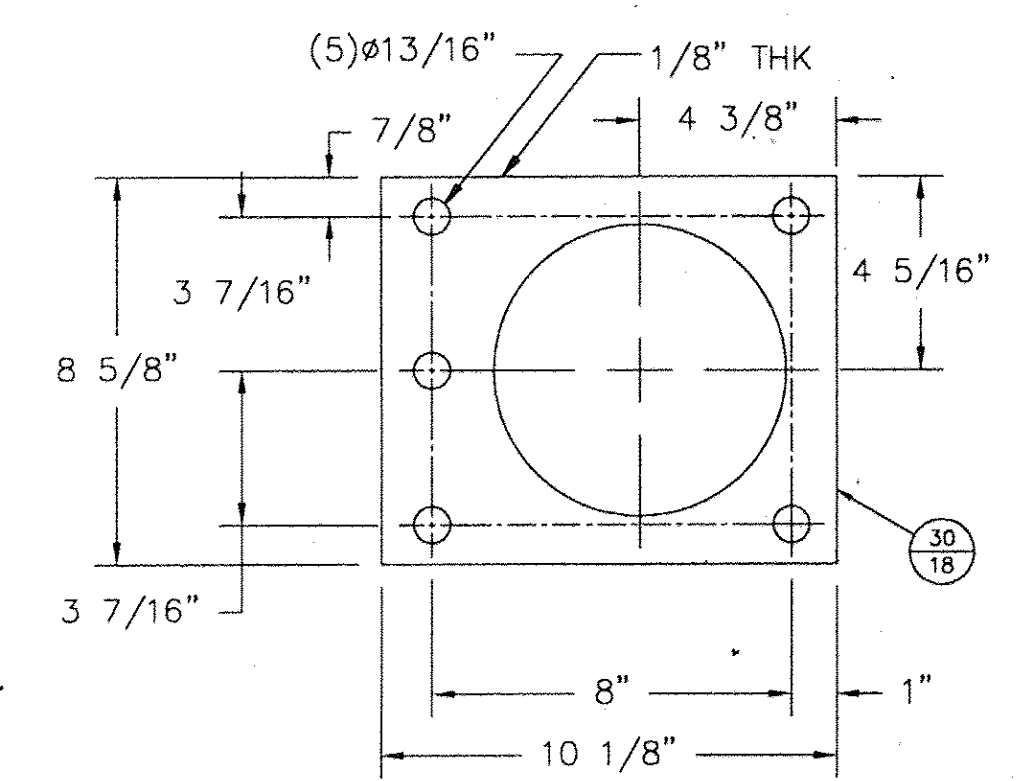
1/2-13 UNC-2B THREADED THRU (2 PLACES) FOR
1/2-13 UNC-2A X 3/4" STAINLESS STEEL HEX HEAD
BOLT AND 1 1/16" O.D. X 17/32" I.D. X 3/32"
THICK ALUMINUM WASHER (2024-T3).



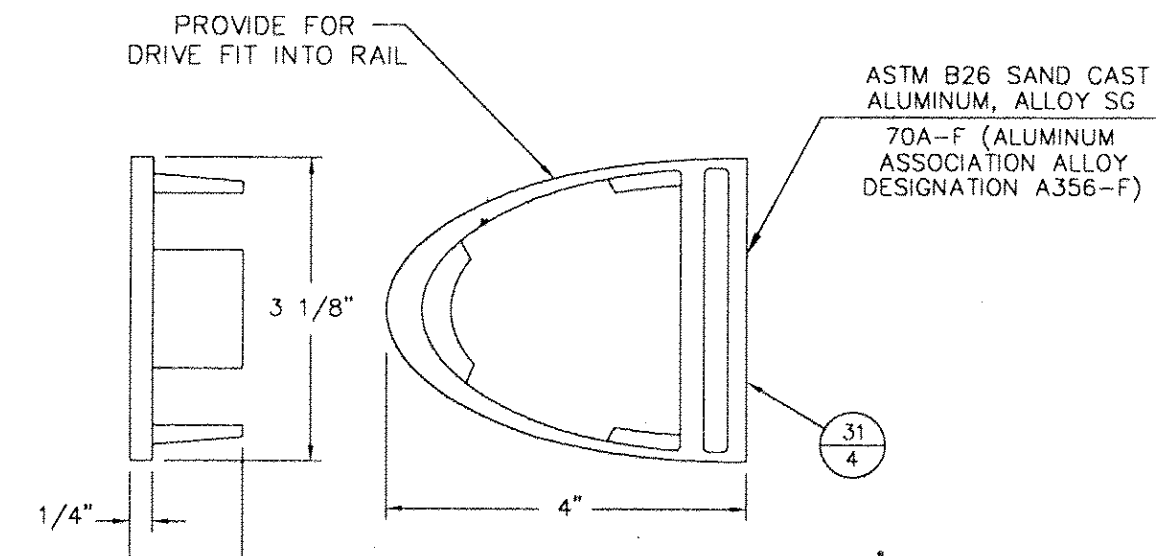
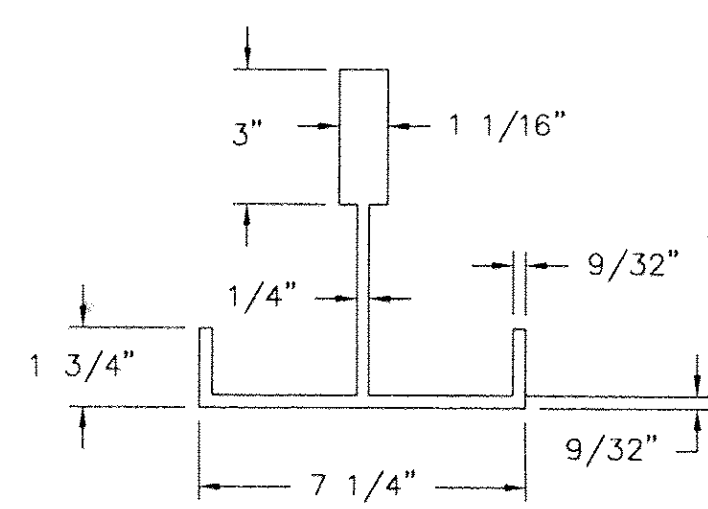
HAND RAIL CLAMP BAR



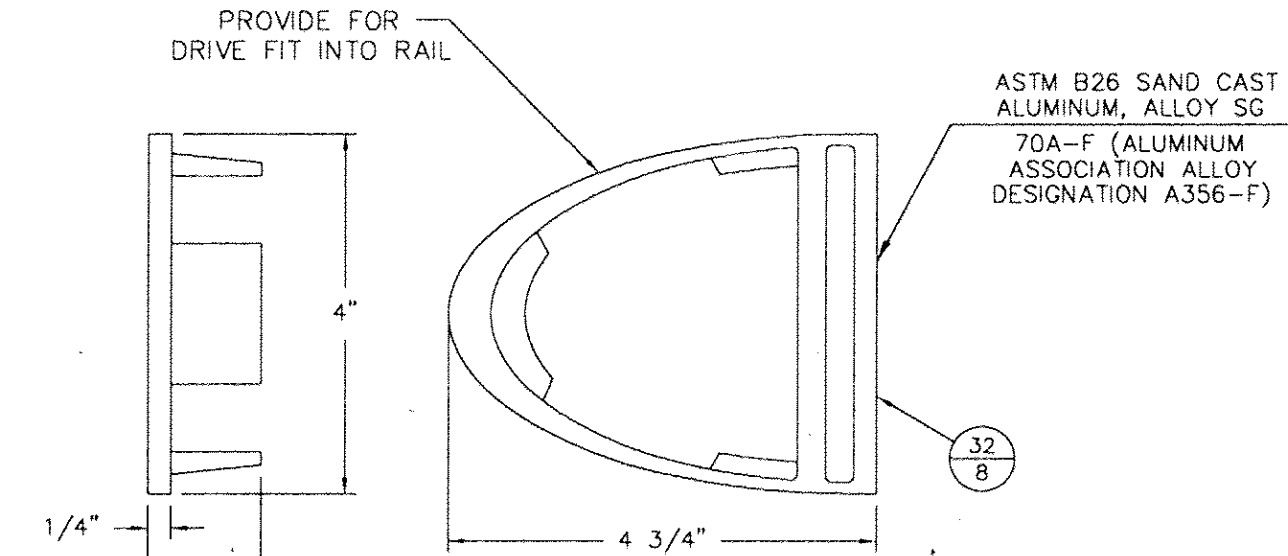
POST PAD



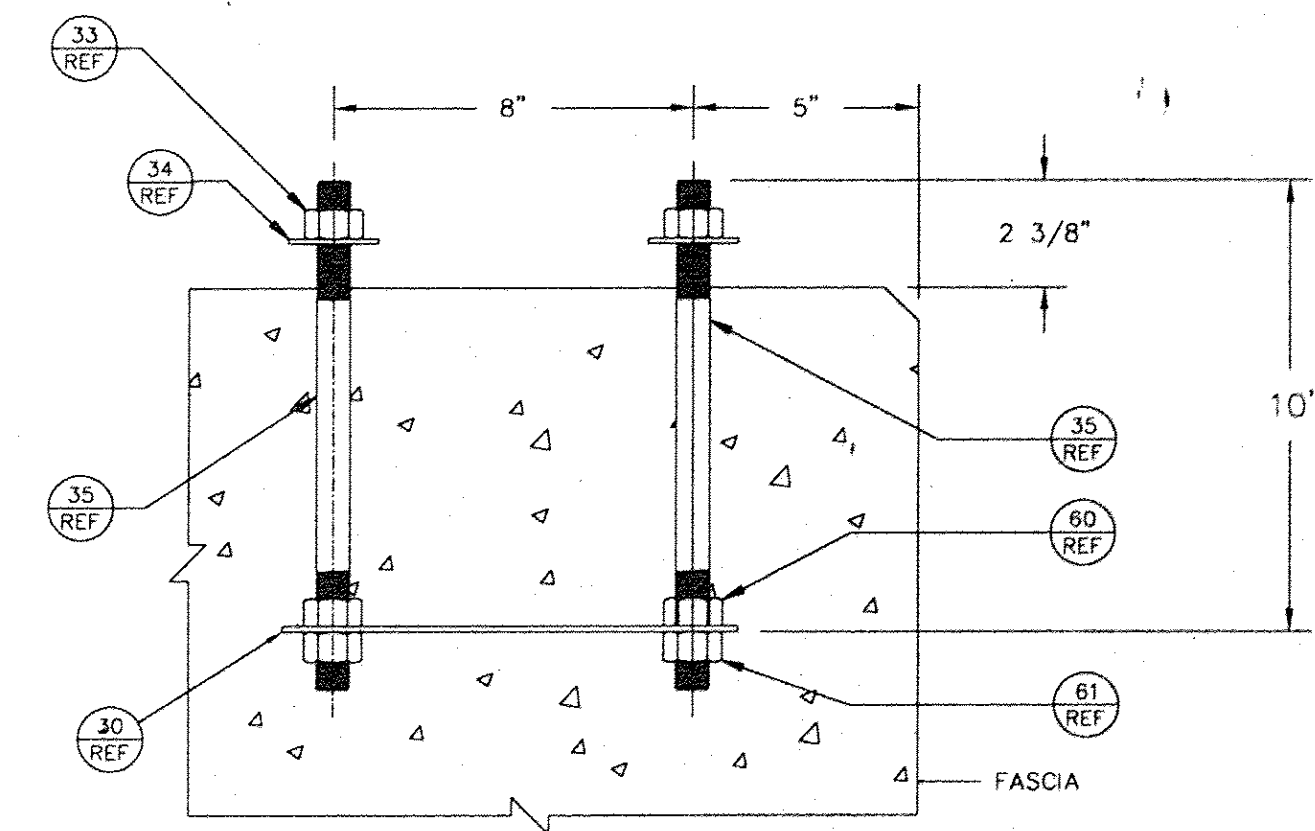
ANCHOR PLATE DETAIL



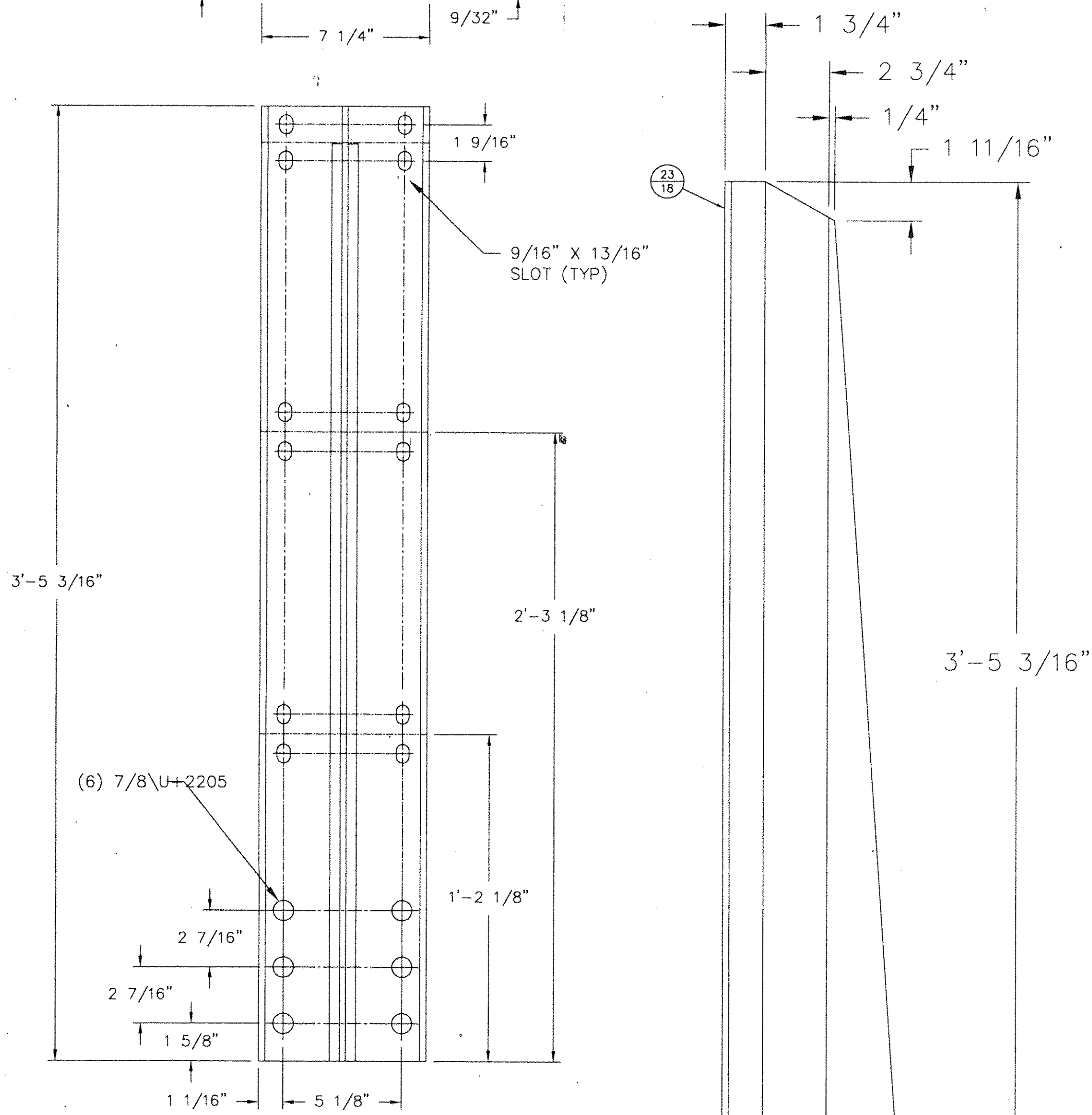
HAND RAIL END CAP



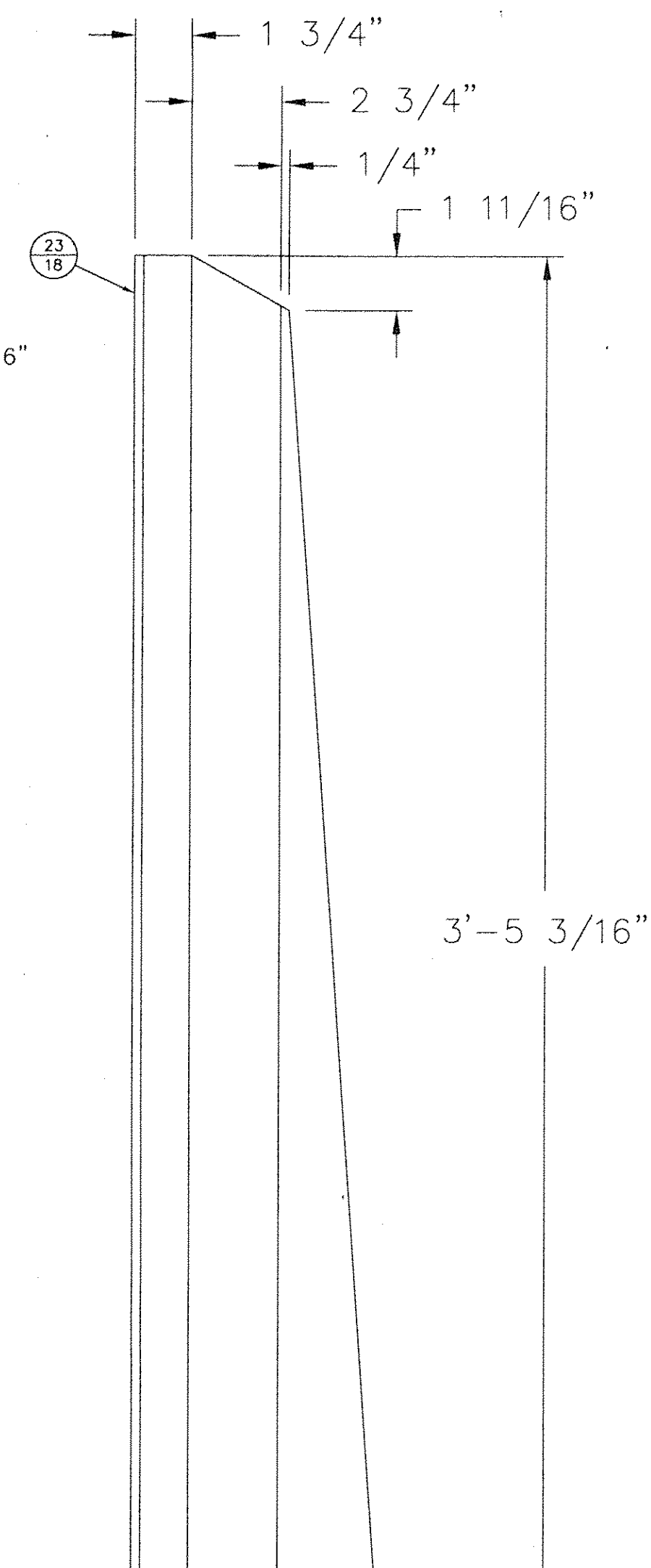
BARRIER RAIL END CAP



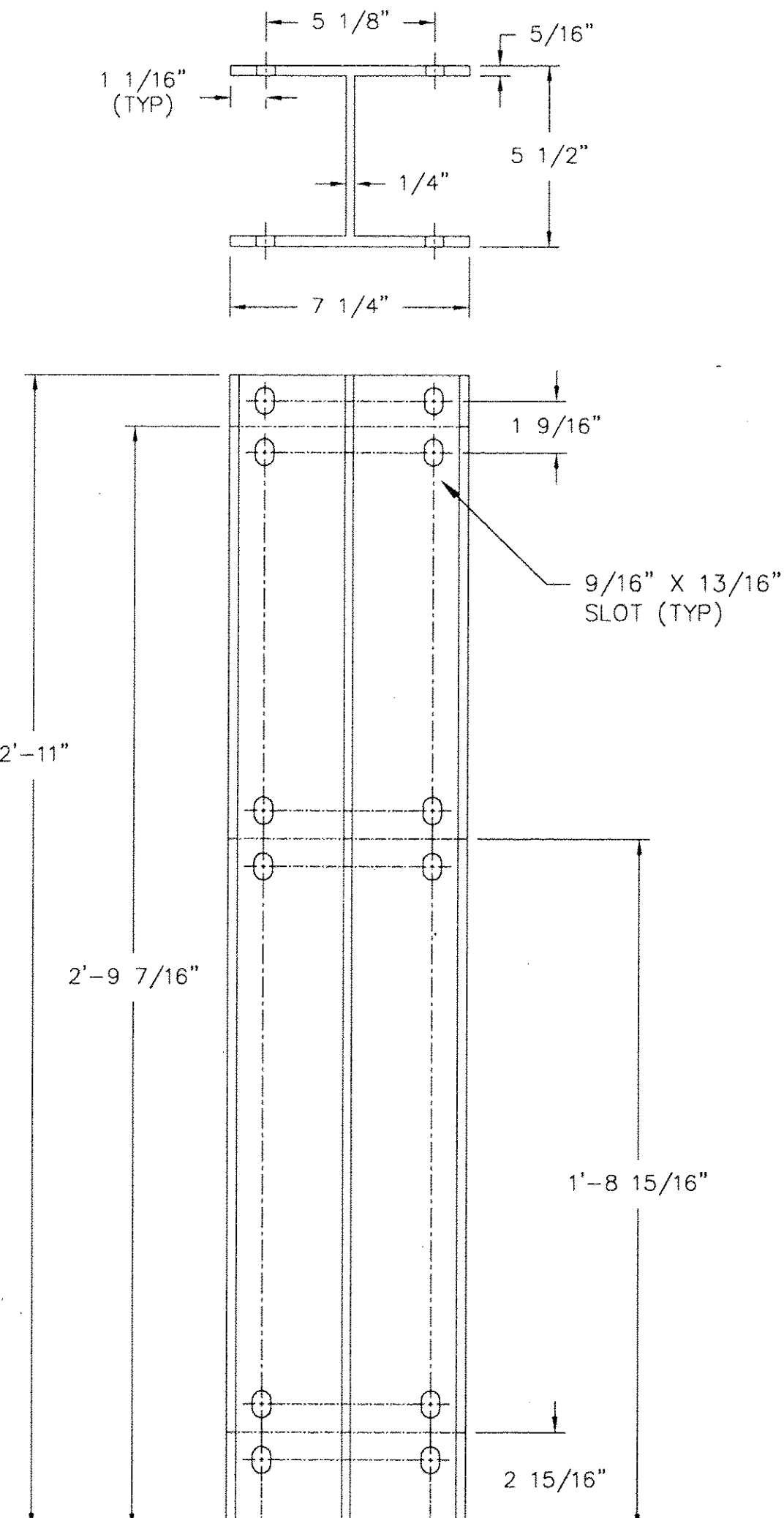
POST ANCHOR ASSEMBLY



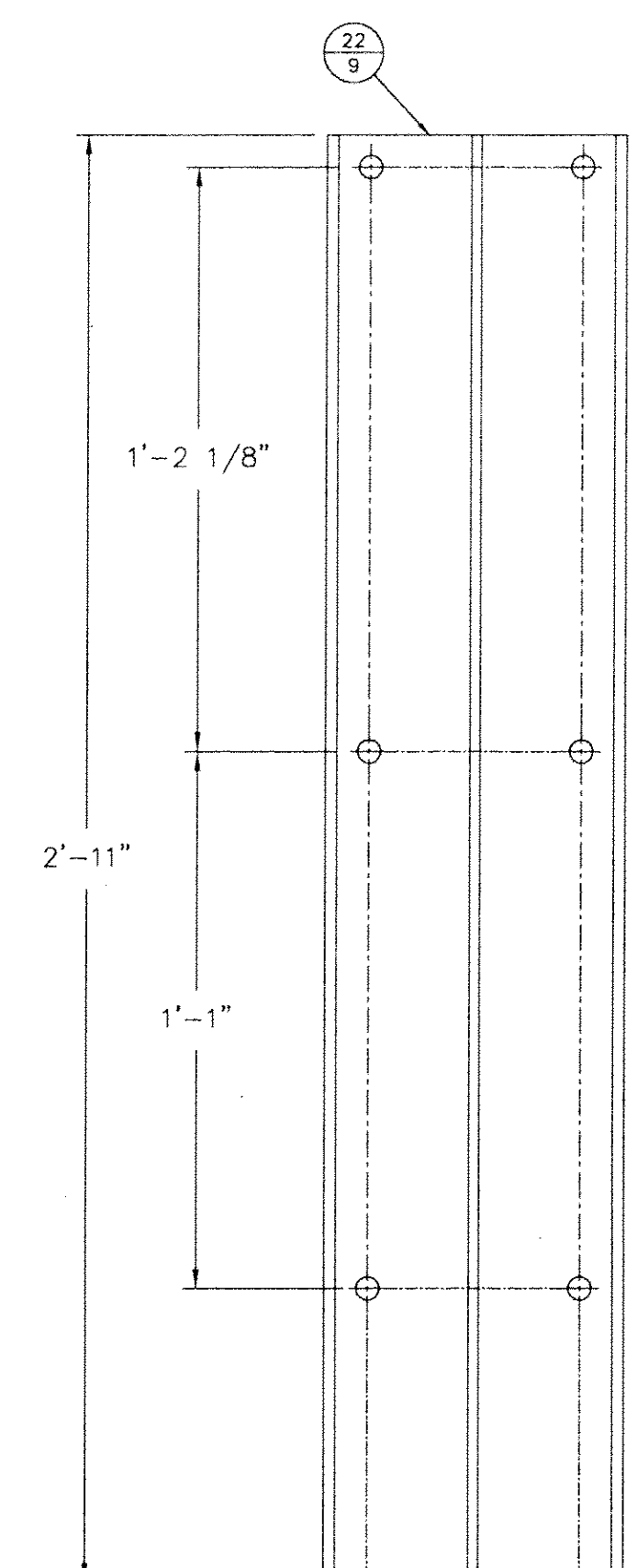
BRIDGE RAIL POST STEM



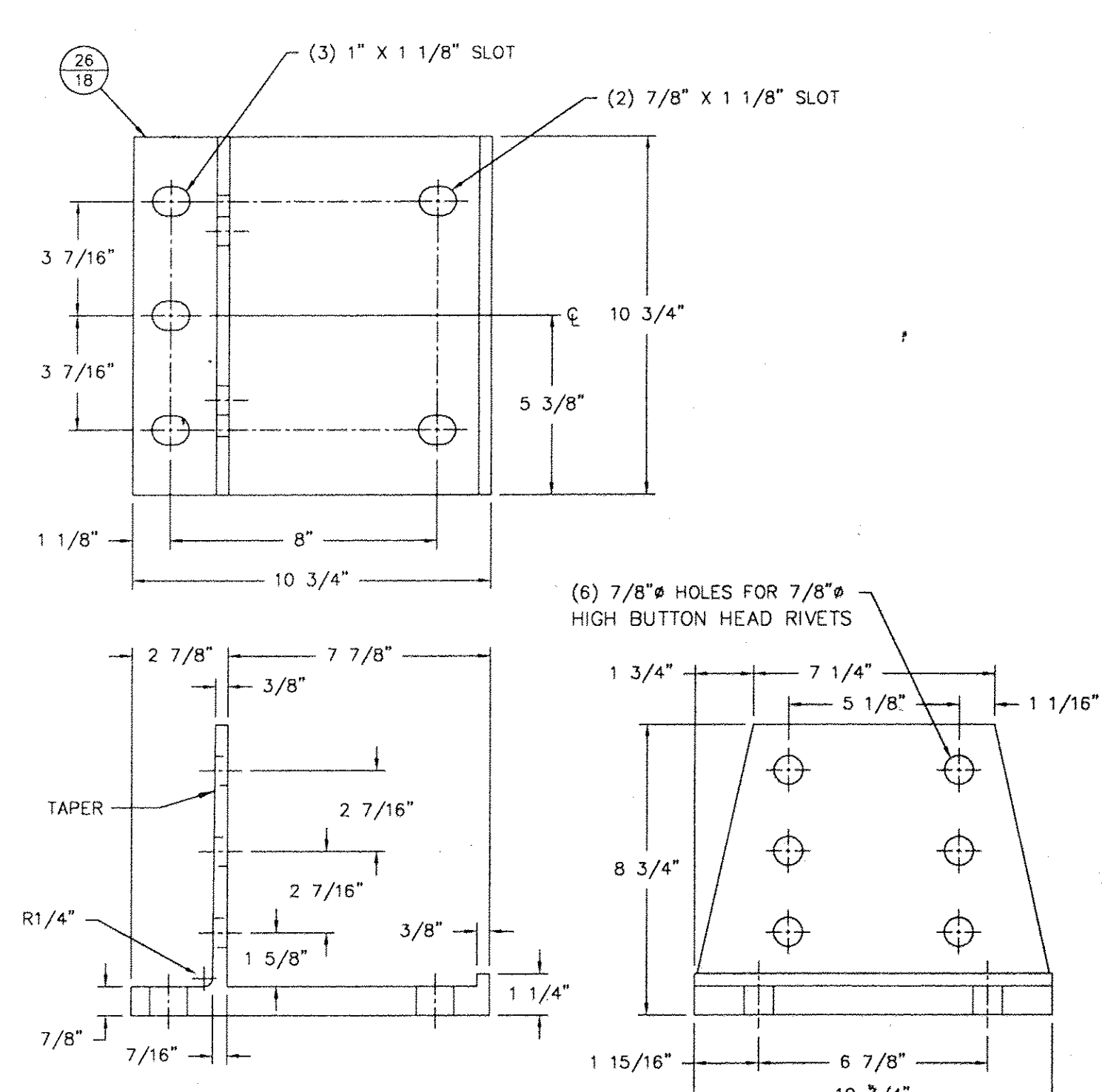
SIDE VIEW



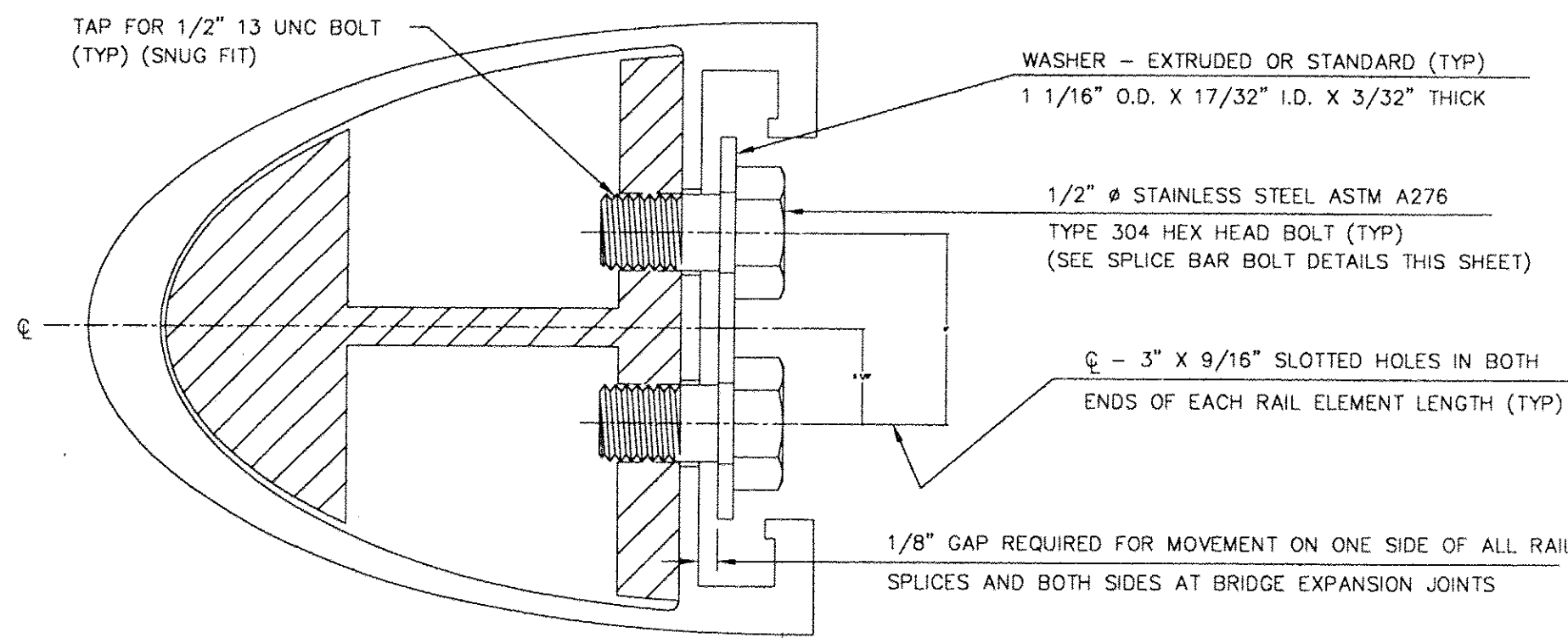
OFFSET BLOCK RAIL SIDE



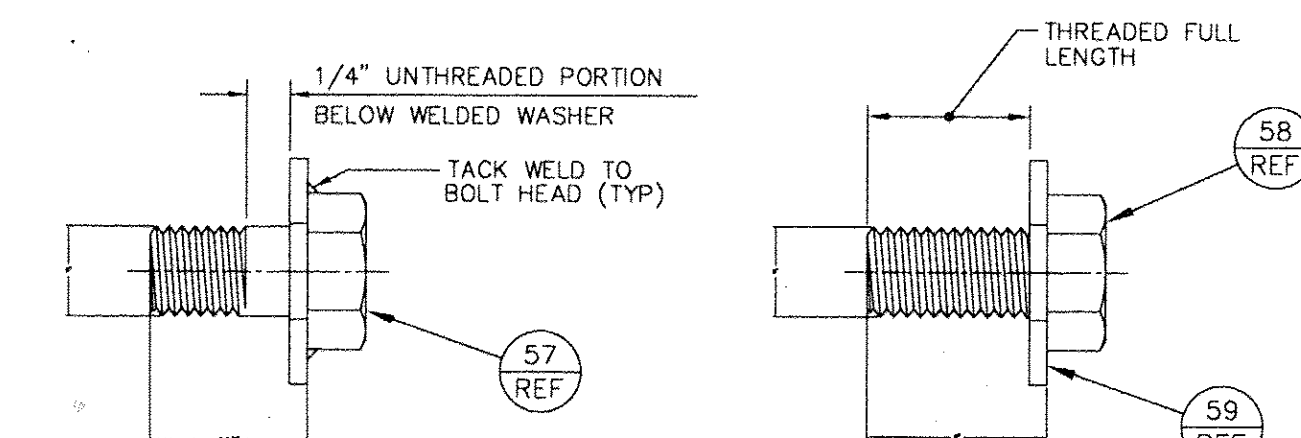
OFFSET BLOCK POST SIDE



POST BASE DETAILS



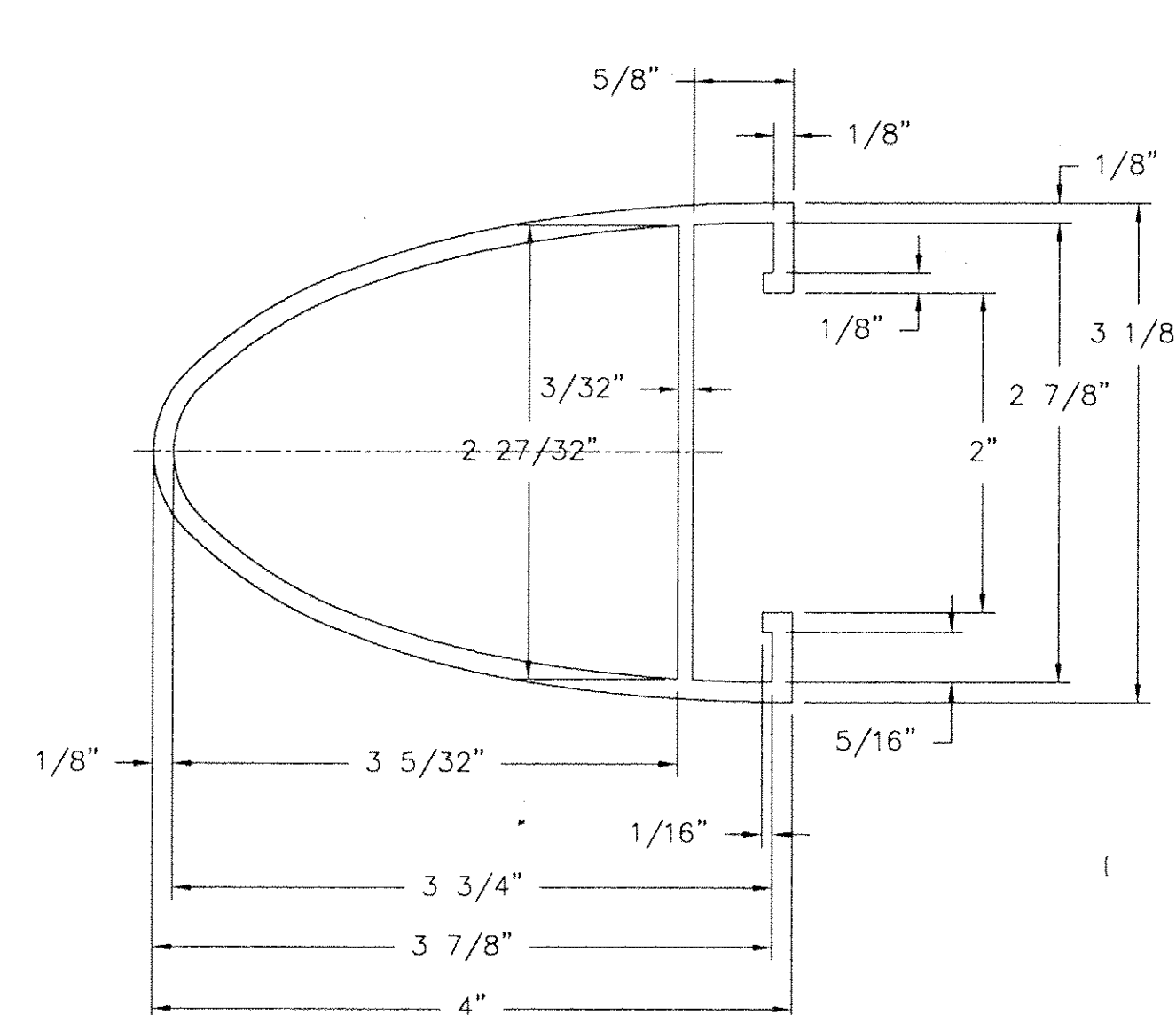
BRIDGE RAIL & SPLICE BAR - ASSEMBLY DETAIL



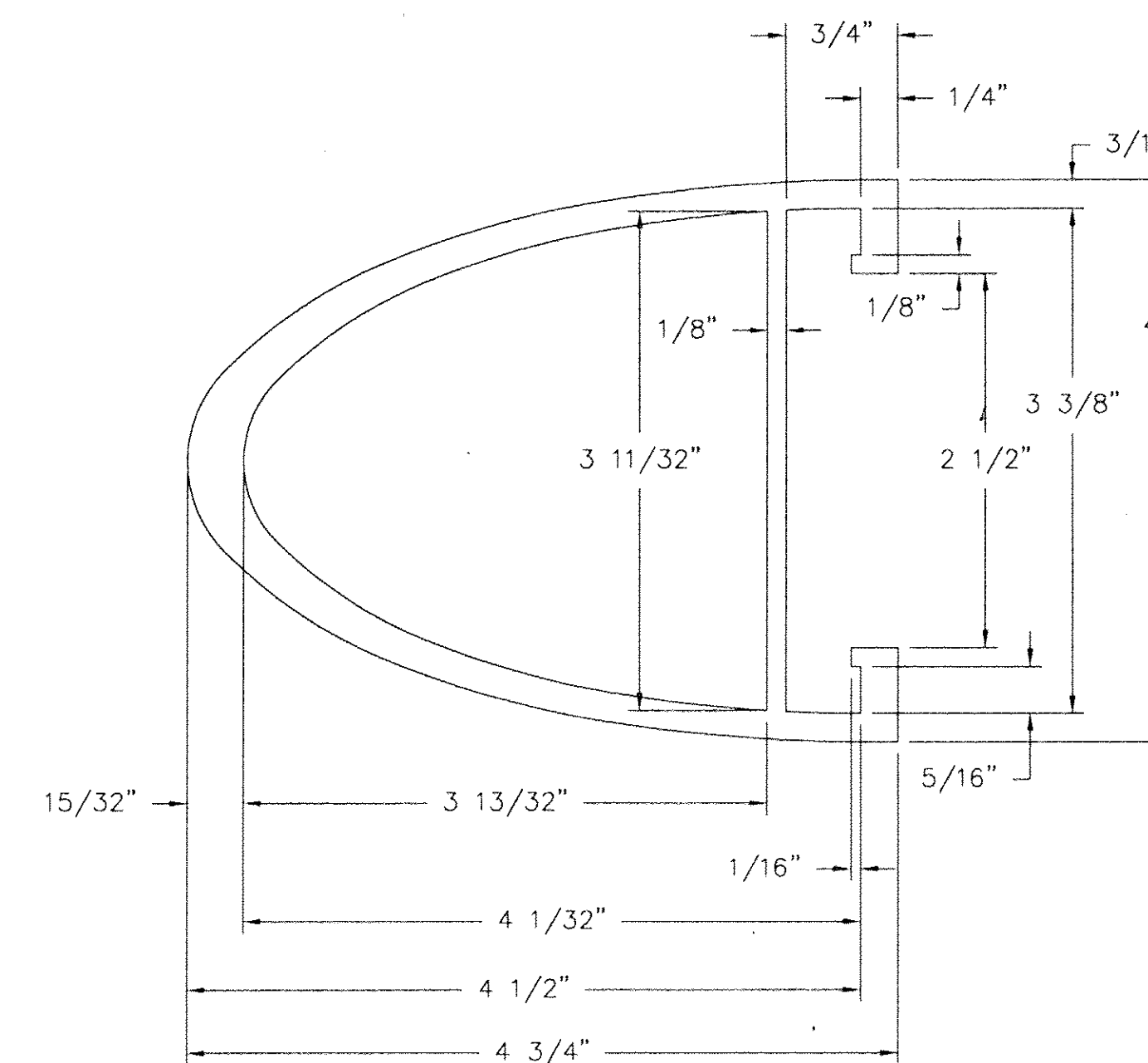
PARTIALLY THREADED BOLT
W/ WELDED WASHER
'B' BOLT

STANDARD BOLT AND WASHER
'A' BOLT

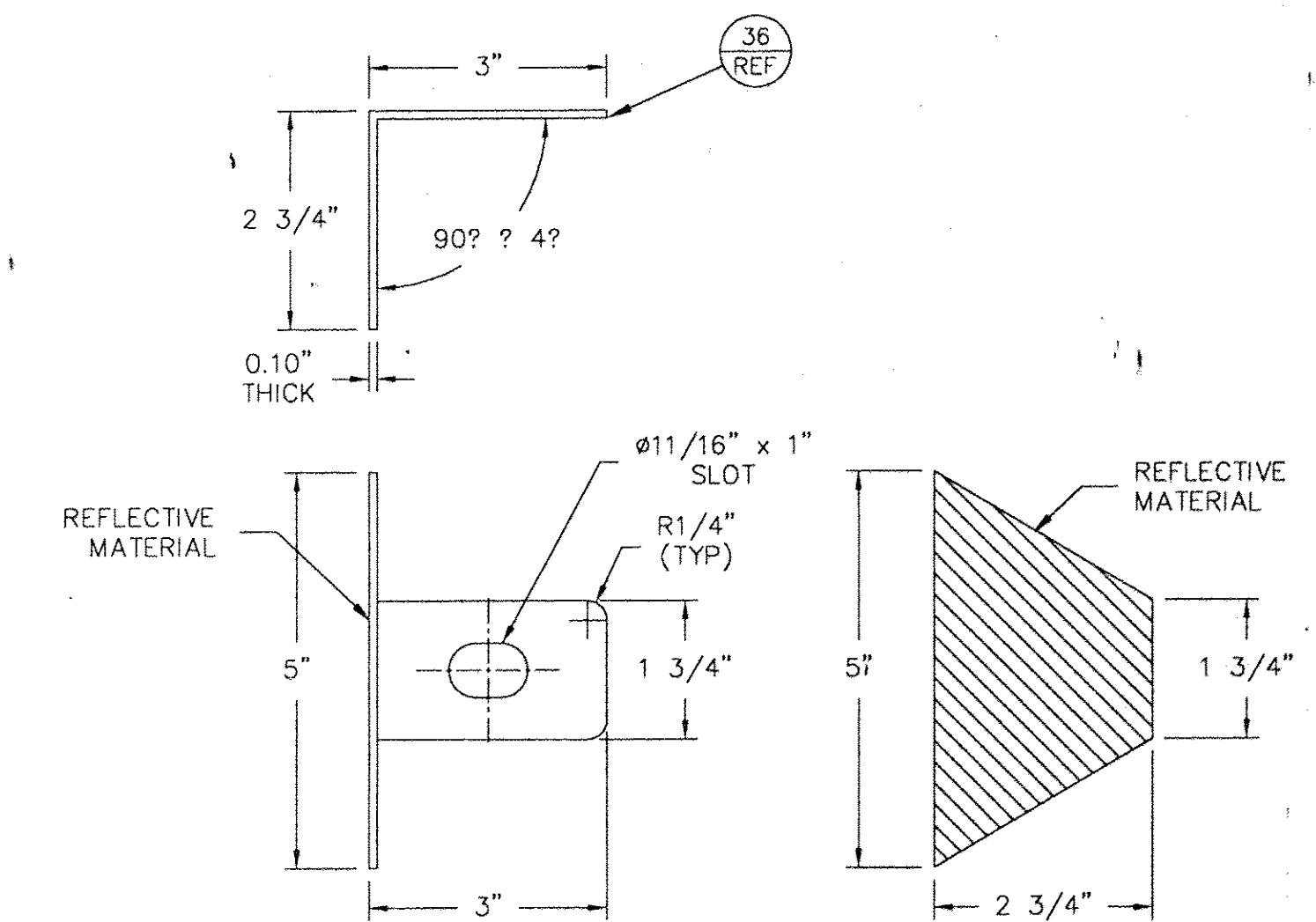
SPLICE BAR BOLT DETAILS



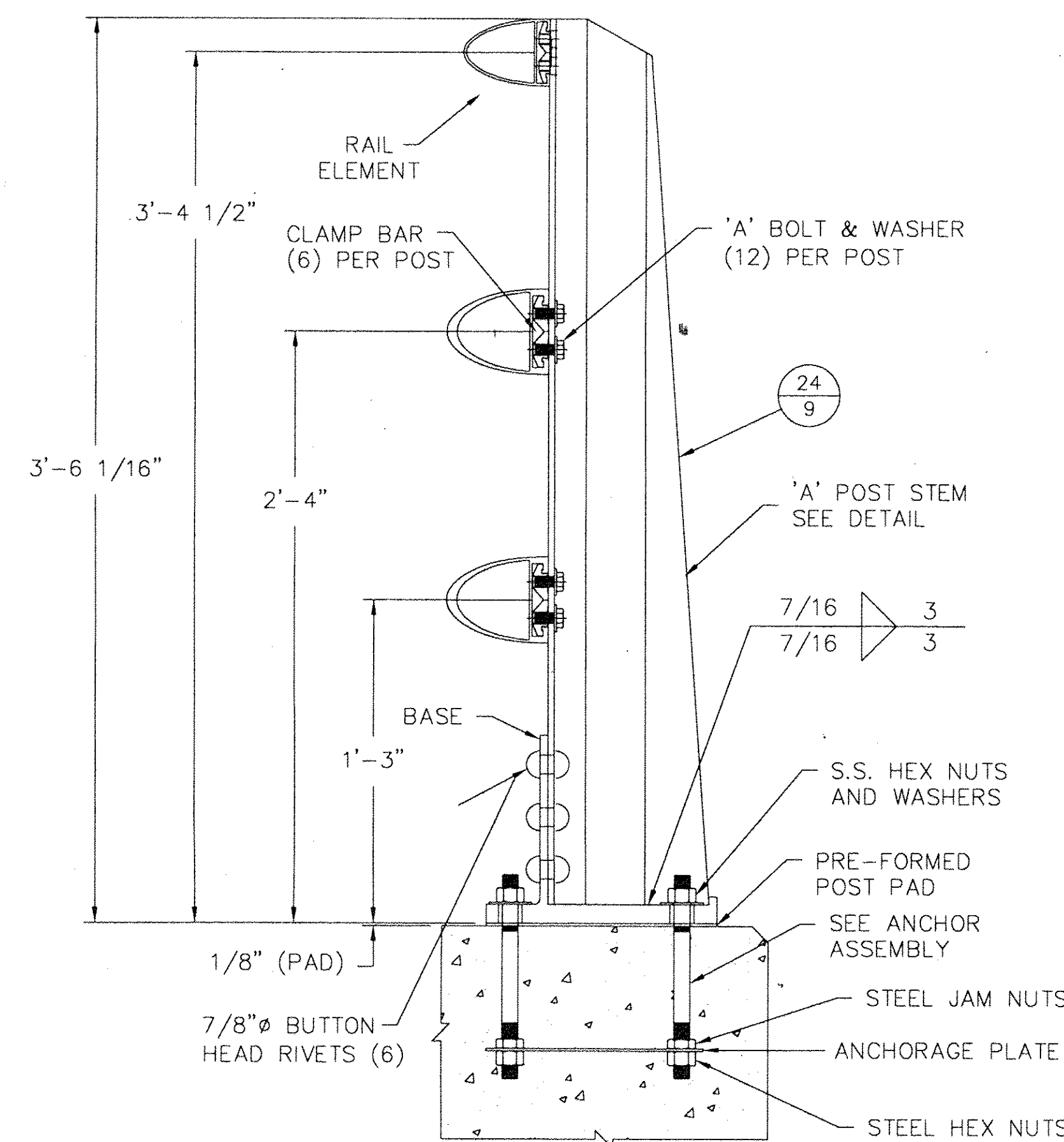
HAND RAIL SECTION



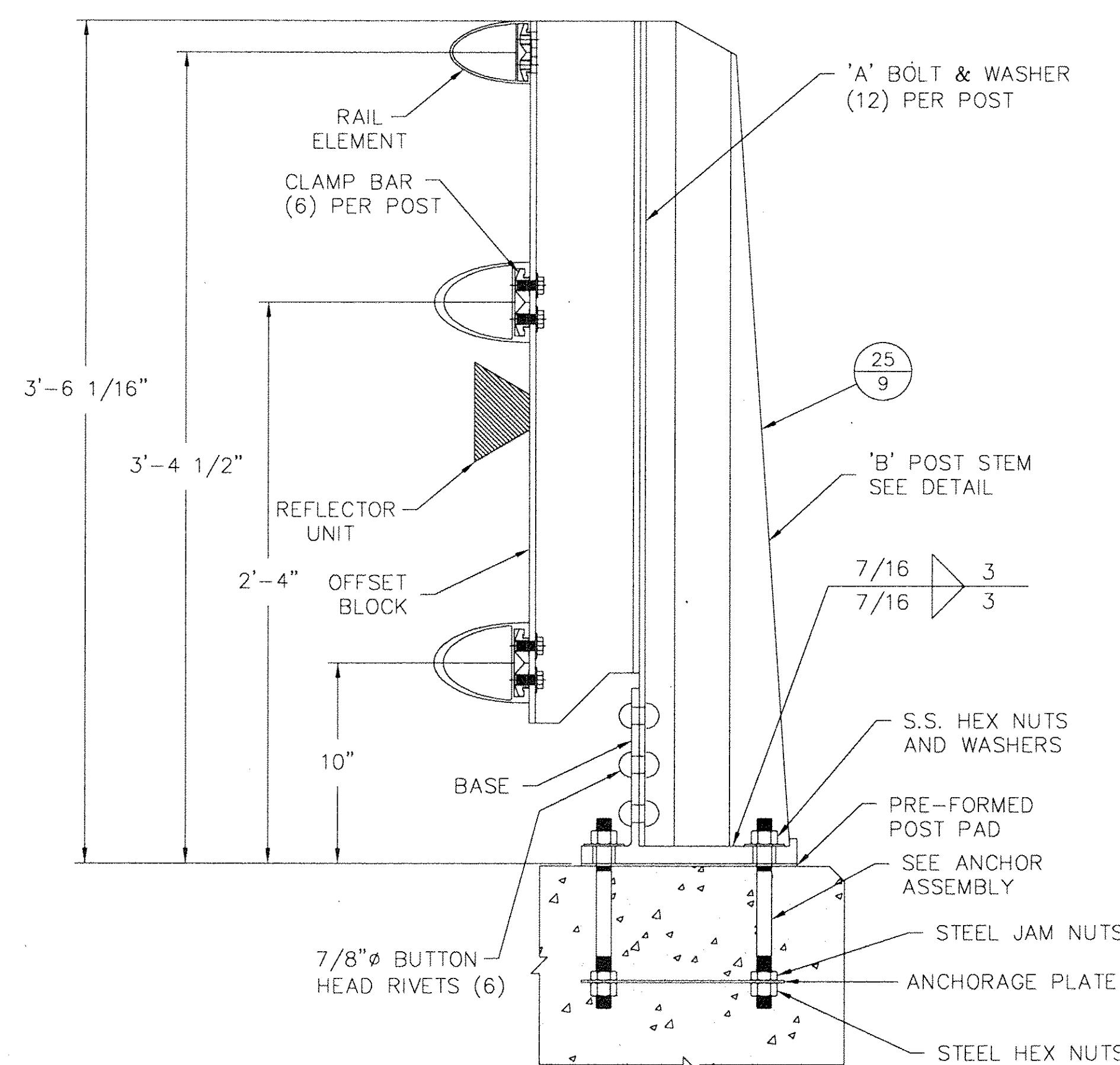
BARRIER RAIL SECTION



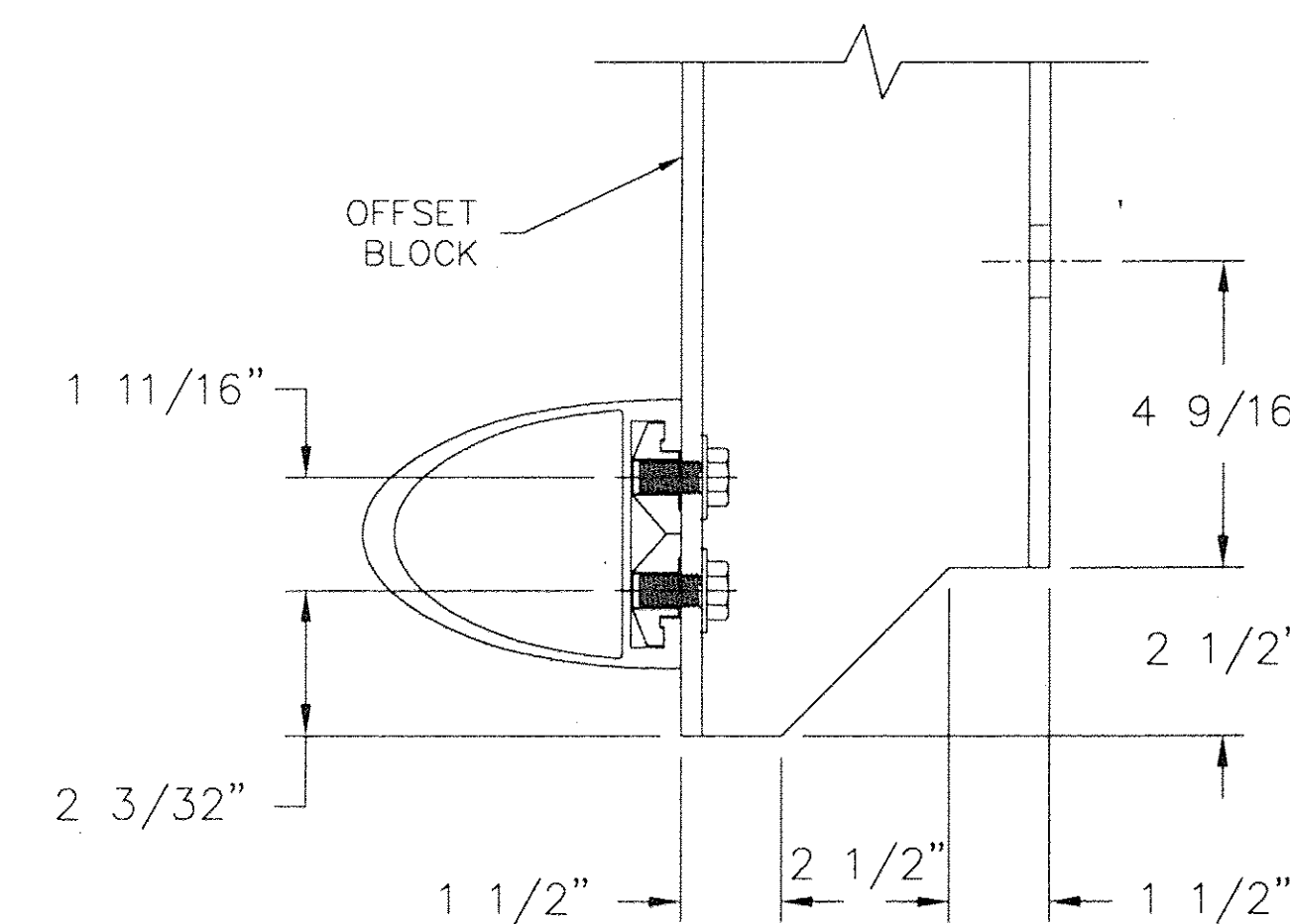
REFLECTOR DETAILS



'A' POST ASSEMBLY
SIDEWALK SIDE



'B' POST ASSEMBLY
BRUSH CURB SIDE



COPING DETAIL

RAIL NOTES:

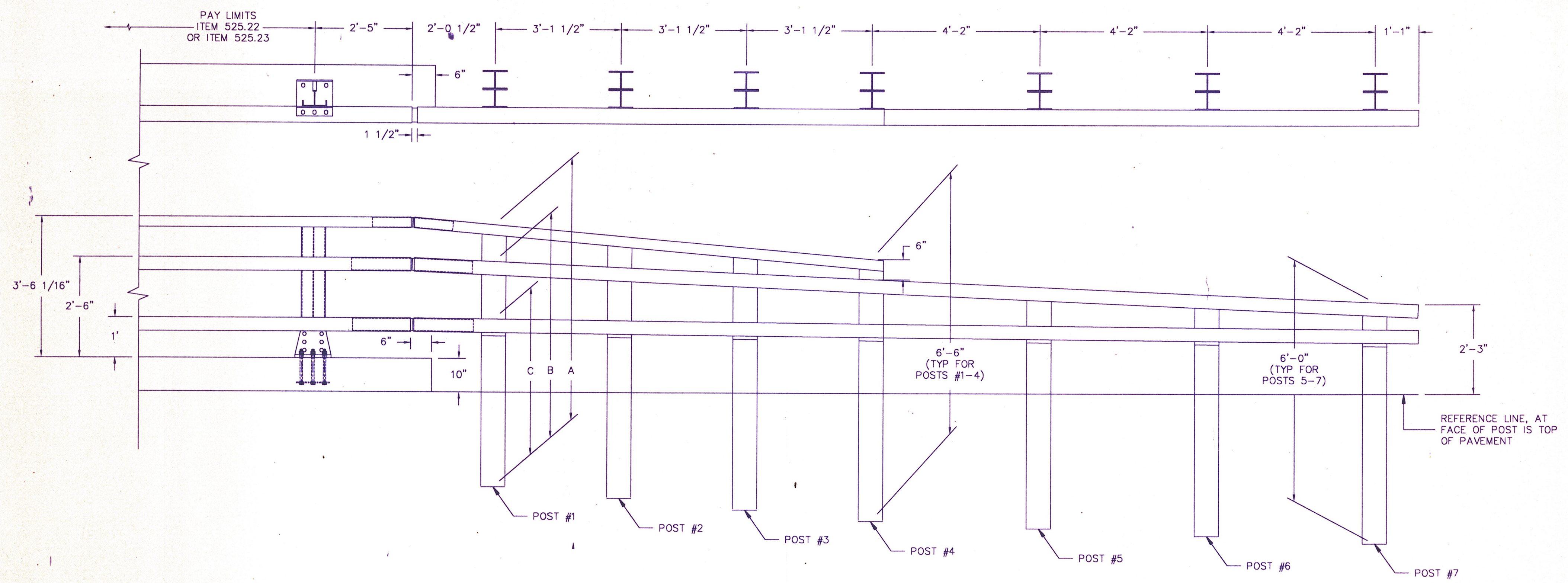
- POSTS SHALL BE NORMAL TO FINISHED GRADE.
- THREADS FOR ANCHOR BOLTS MAY BE ROLLED OR CUT. IF CUT THREADS ARE USED BOLT DIAMETER SHALL NOT BE LESS THAN NOMINAL DIAMETER. IF ROLLED THREADS ARE USED, BOLT DIAMETER SHALL NOT BE LESS THAN ROOT DIAMETER OF THREADS.
- JOINTS IN RAIL LENGTH SHALL BE SPLICED AS DETAILED.
- ENDS OF TUBE SECTIONS SHALL BE SAWED OR MILLED.
- CUT ENDS SHALL BE TRUE AND SMOOTH.
- EACH RAIL SECTION SHALL BE ATTACHED TO A MINIMUM OF FOUR (4) POSTS.
- GRIND ALL EDGES SMOOTH.

MATERIAL:

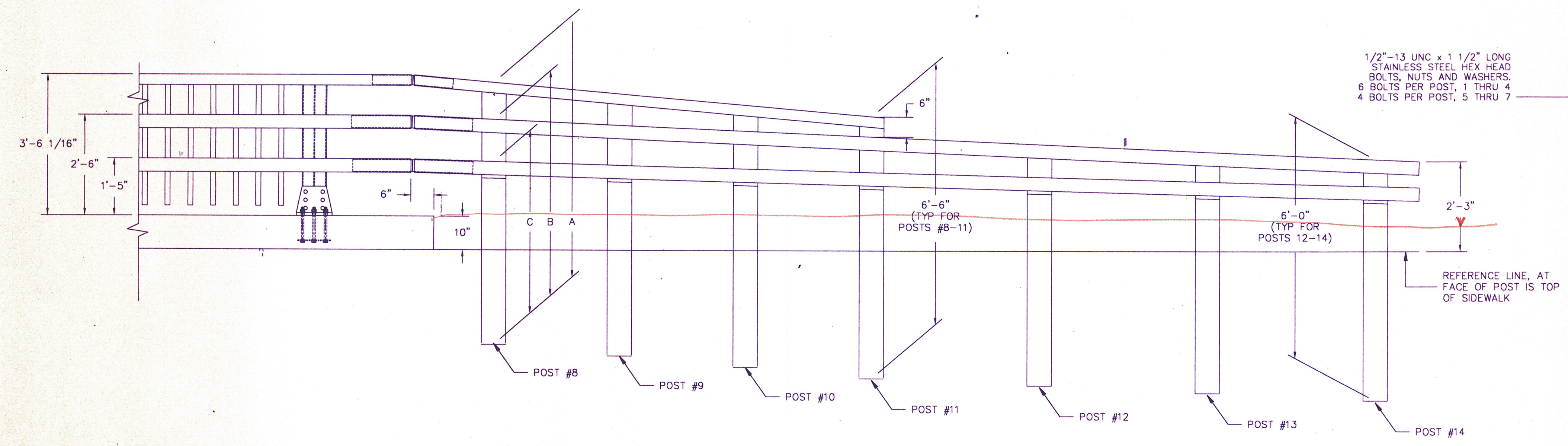
- ALUMINUM EXTRUSIONS (POSTS, BASES, RAILS, SPLICE BARS, PINS AND CLAMP BARS) SHALL BE ASTM B221, ALLOY 6061-T6 OR ALLOY 6351-T5 (MIN. 10% ELONGATION).
- STAINLESS STEEL ANCHOR STUDS, HEX HEAD BOLTS AND HEX NUTS (TYPE 302) SHALL BE ASTM A276, (TYPE 430 MOD) OR (TYPE 304 MOD), (100,000 PSI AND 15% ELONGATION).
- STEEL EMBEDDED JAM AND HEX NUTS SHALL BE ASTM A563 GRADE A OR BETTER.
- ALUMINUM WASHERS SHALL BE ASTM B209, ALLOY 2024-T3 ALCLAD.
- PREFORMED ELASTOMERIC BEARING PAD SHALL MEET REQUIREMENTS OF AASHTO M251.

ANCHOR ASSEMBLY NOTES:

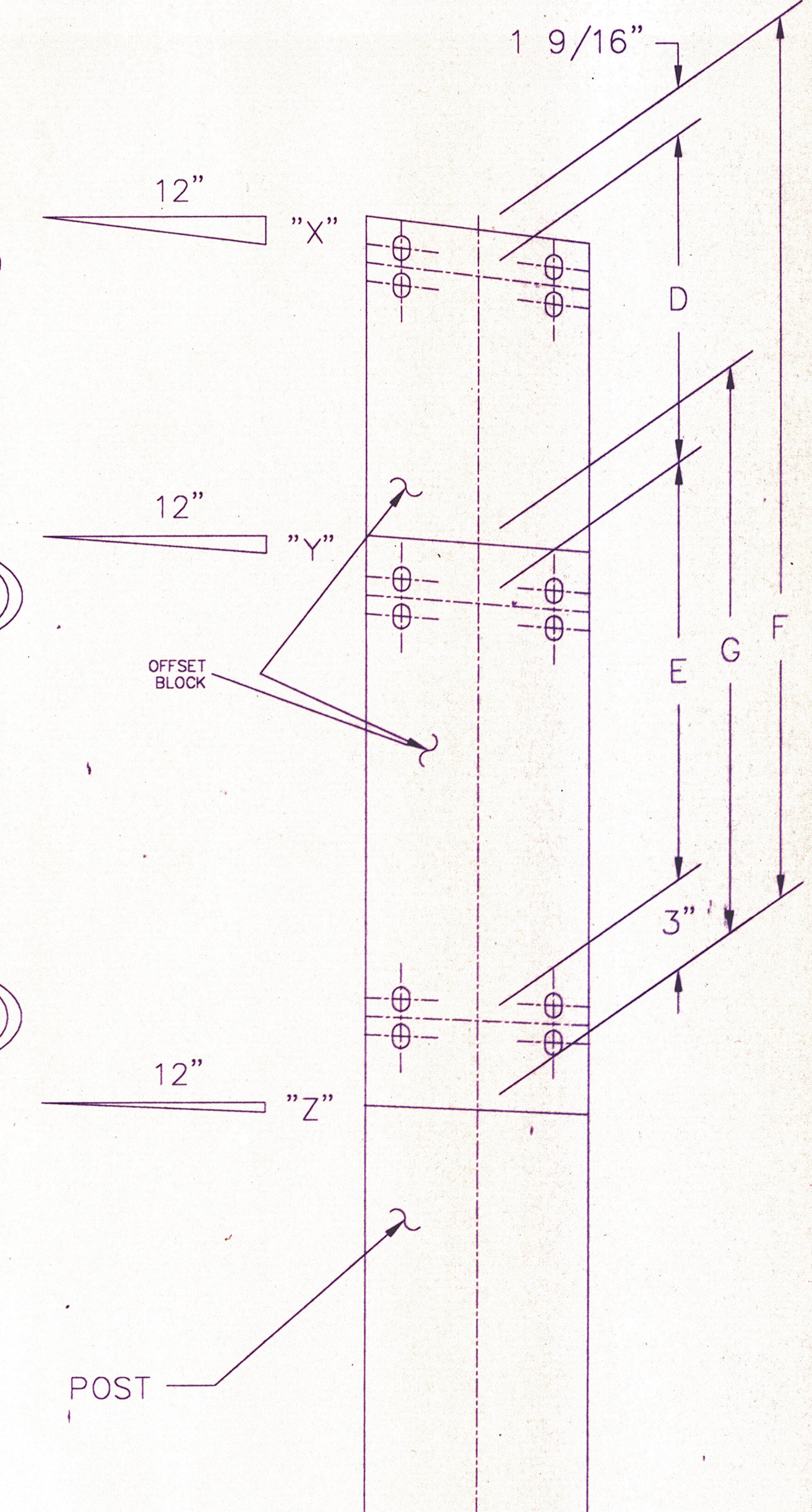
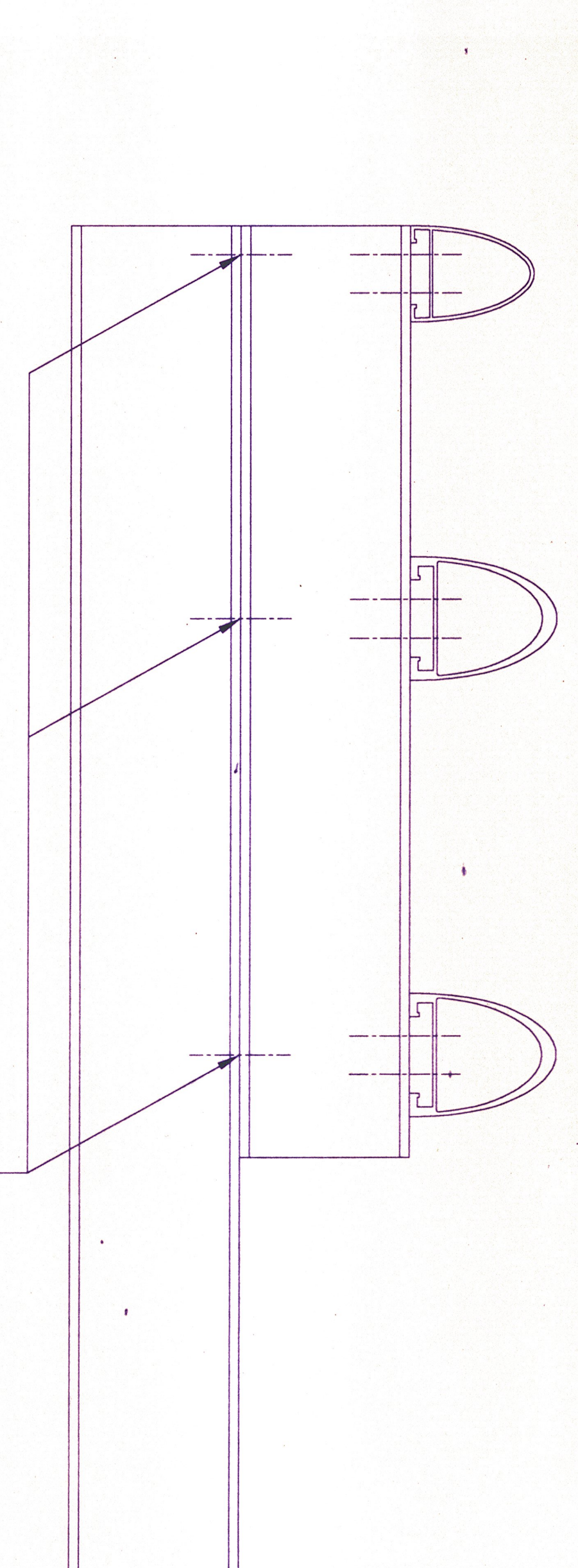
- 3/4" & 5/8" AMERICAN STANDARD FINISHED HEXAGON STEEL NUTS ON BOTTOM OF ANCHOR ASSEMBLY, 3/4" & 5/8" AMERICAN STANDARD FINISHED HEXAGON STEEL JAM NUTS ON TOP OF ANCHORAGE PLATE.
- 3/4" & 5/8" STAINLESS STEEL HEXAGON NUTS ON TOP ENDS OF BOLTS WITH CLASS 2B THREADS. 13/16" I.D., 2" O.D., 1/8" THICK ALUMINUM WASHERS UNDER NUTS ON TOP. ALL NUTS SHALL COMPLY WITH AMERICAN HEXAGON ANSI SPEC. B18.2. STAINLESS STEEL HEXAGON NUTS SHALL HAVE FULL THREADS.



CURB ELEVATION



SIDEWALK ELEVATION



POST	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	6'-6"	6'-6"	6'-6"	6'-6"	-	-	-	6'-6"	6'-6"	6'-6"	6'-6"	-	-	-
B	5'-7 1/16"	5'-8 3/4"	5'-10 3/8"	6'-0"	6'-0"	6'-0"	6'-0"	5'-7 1/16"	5'-8 3/4"	5'-10 3/8"	6'-0"	6'-0"	6'-0"	6'-0"
C	4'-1 13/16"	4'-4 13/16"	4'-7 3/4"	4'-10 3/4"	5'-0 7/16"	5'-2 3/16"	5'-3 15/16"	4'-6 7/16"	4'-8 3/4"	4'-11 1/8"	5'-1 7/16"	5'-2 3/8"	5'- 3 1/4"	5'-4 1/8"
D	11 7/16"	9 3/4"	8 1/8"	6 7/16"	-	-	-	11 7/16"	9 3/4"	8 1/8"	6 7/16"	-	-	-
E	1'-5 3/16"	1'-3 7/8"	1'-2 9/16"	1'-1 1/4"	11 9/16"	9 13/16"	8 1/16"	1'-0 9/16"	11 15/16"	11 3/16"	10 9/16"	9 5/8"	8 3/4"	7 7/8"
F	2'-9 3/16"	2'-6 3/16"	2'-3 1/4"	2'-0 1/4"	-	-	-	2'-4 9/16"	2'-2 1/4"	1'-11 7/8"	1'-9 9/16"	-	-	-
G	1'-10 3/16"	1'-8 7/8"	1'-7 9/16"	1'-6 1/4"	1'-4 9/16"	1'-2 7/8"	1'-1 1/16"	1'-5 9/16"	1'-4 7/8"	1'-4 1/4"	1'-3 9/16"	1'-2 5/8"	1'-1 3/4"	1'-0 7/8"

	SIDEWALK SIDE	CURB SIDE
"X"	1 1/16"	1 1/16"
"Y"	1/2"	1/2"
"Z"	5/16"	1/8"

D

C

B

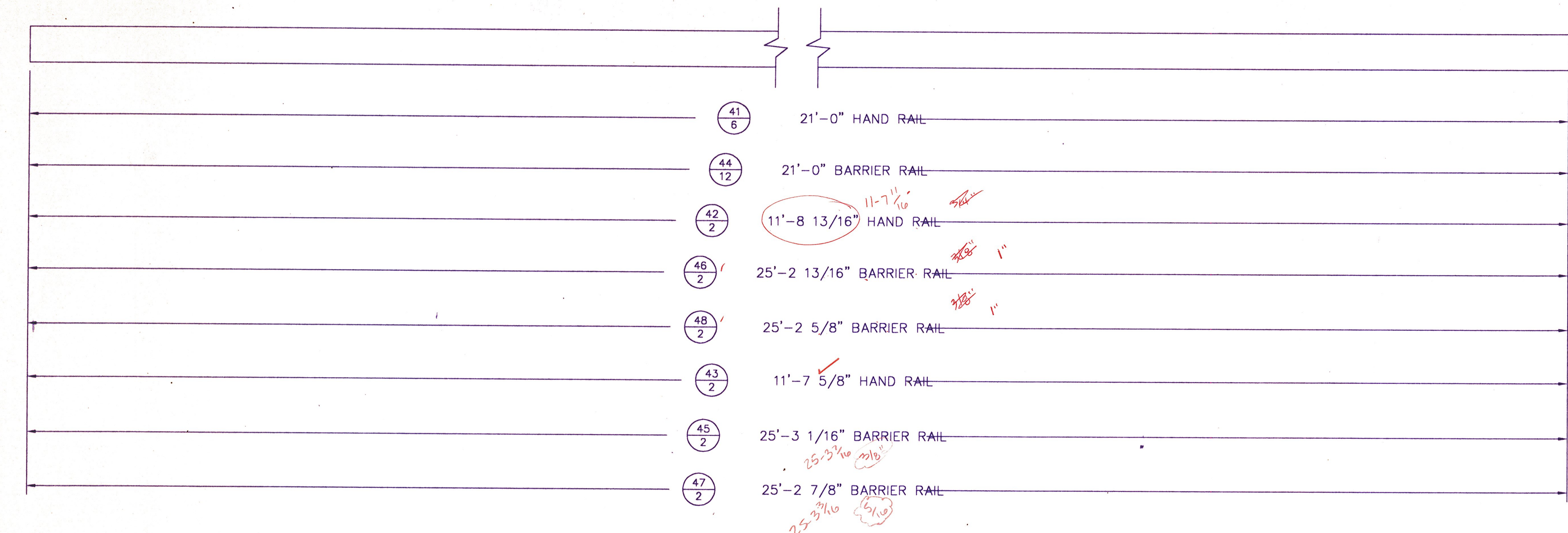
A

D

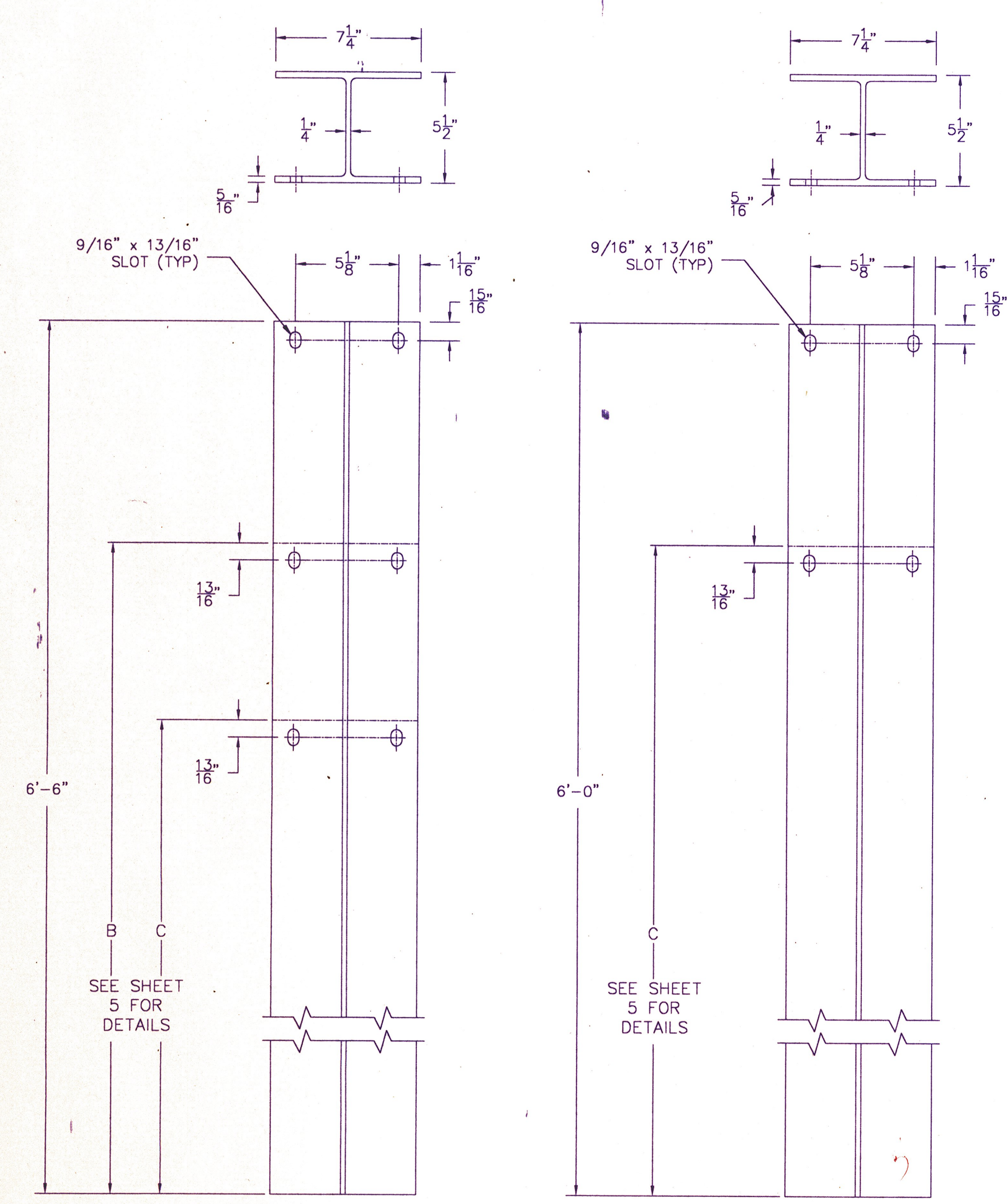
C

B

A

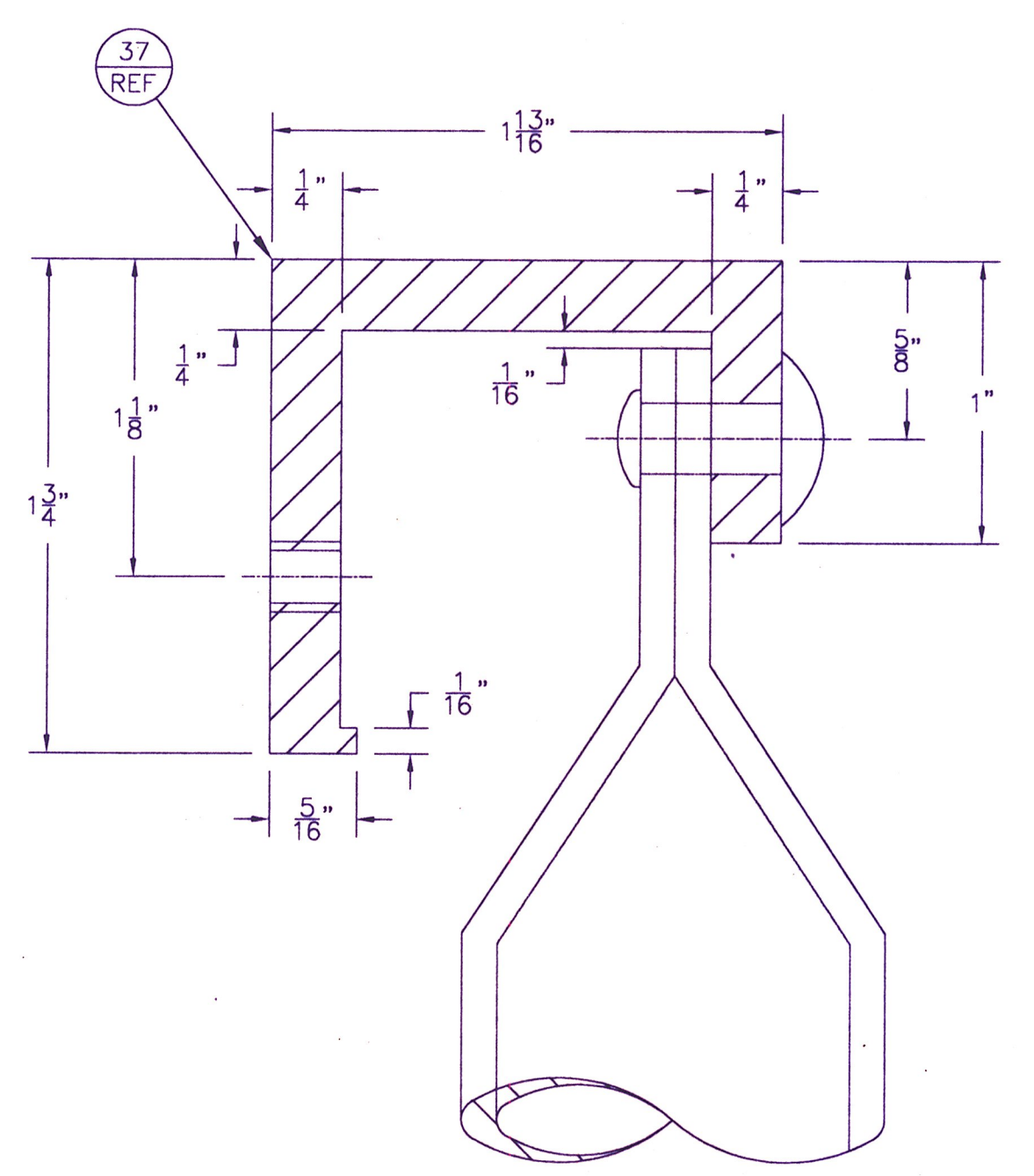


RAIL LENGTHS
SEE SHEET 3 FOR RAIL SECTIONS
SEE SHEET 7 FOR BACK VIEW DETAILS



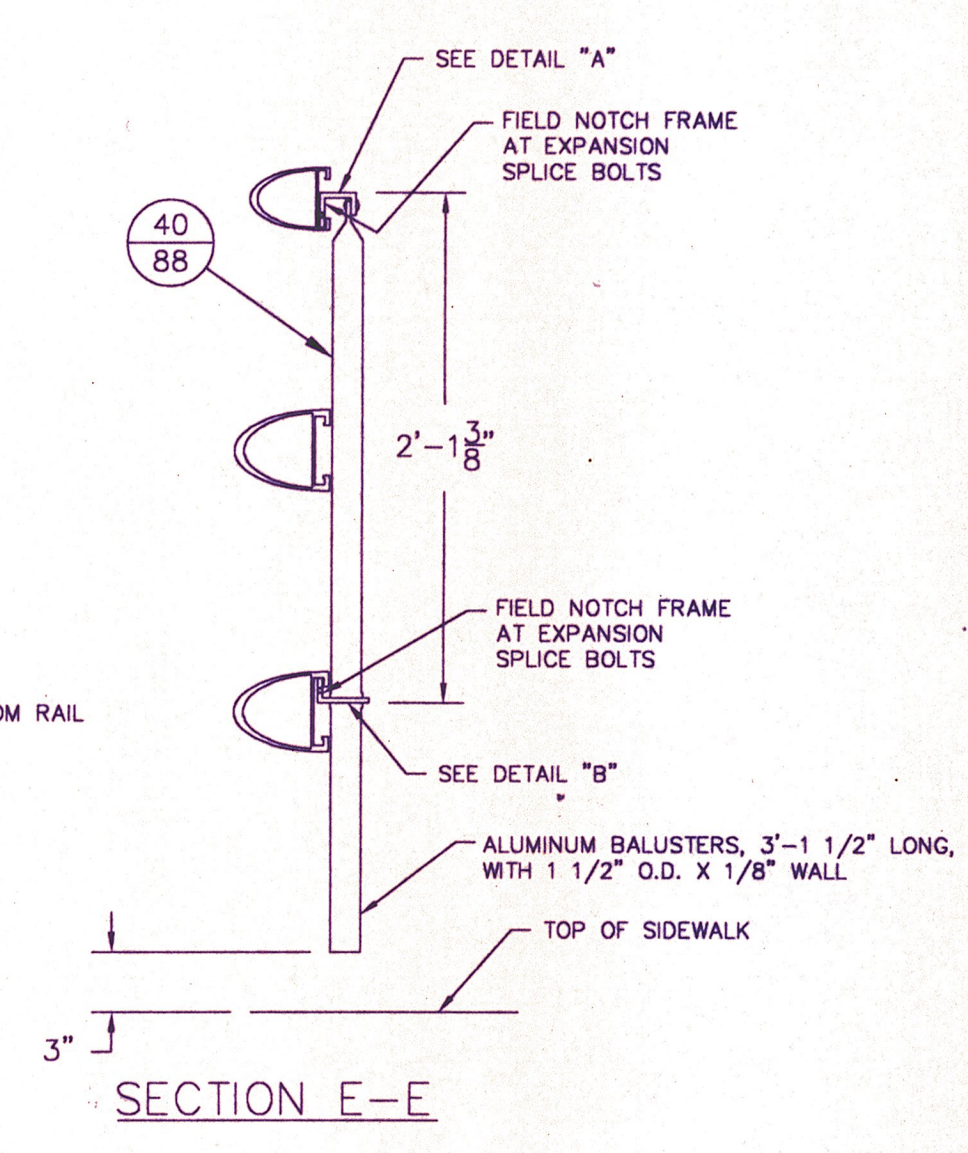
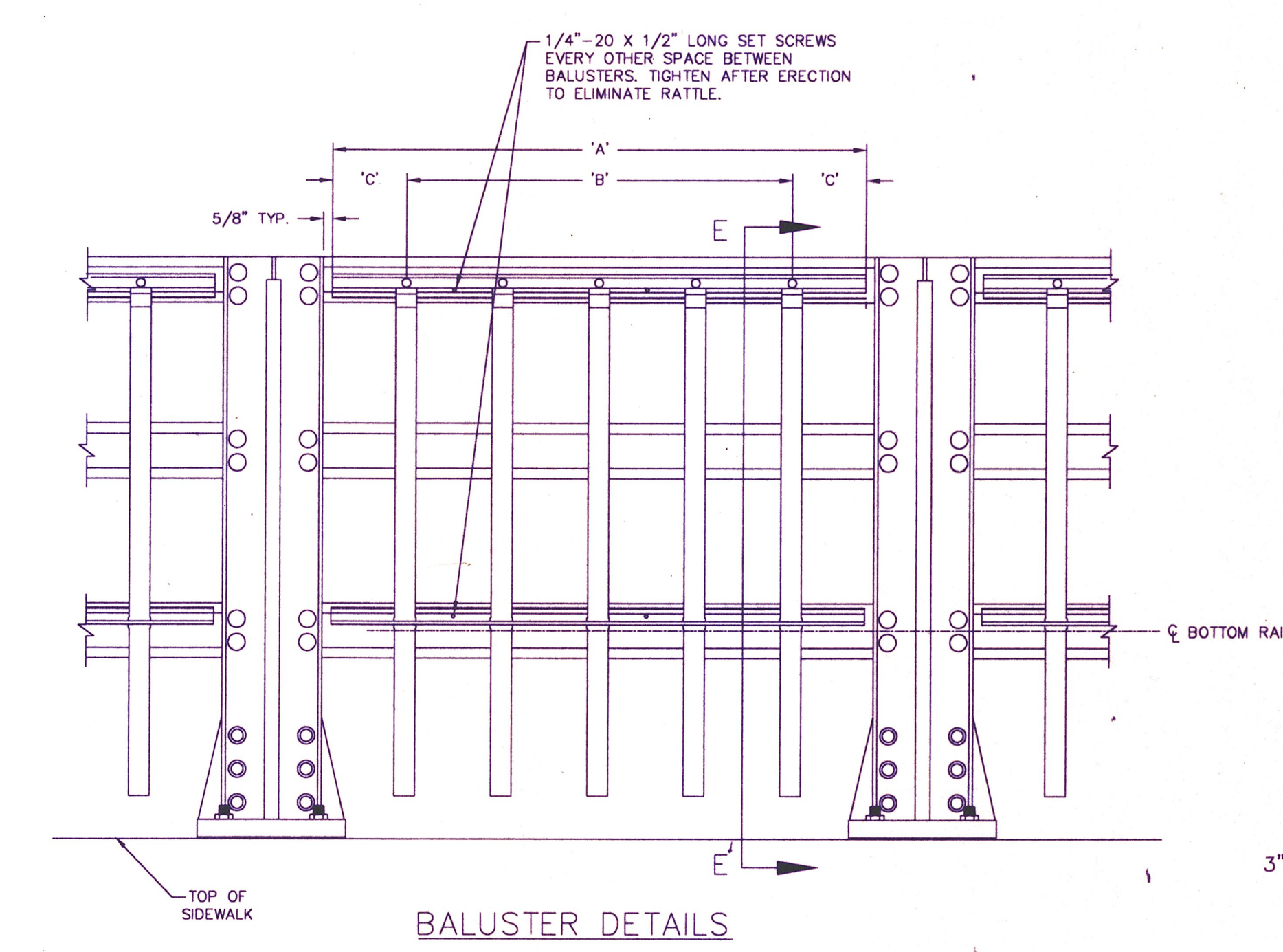
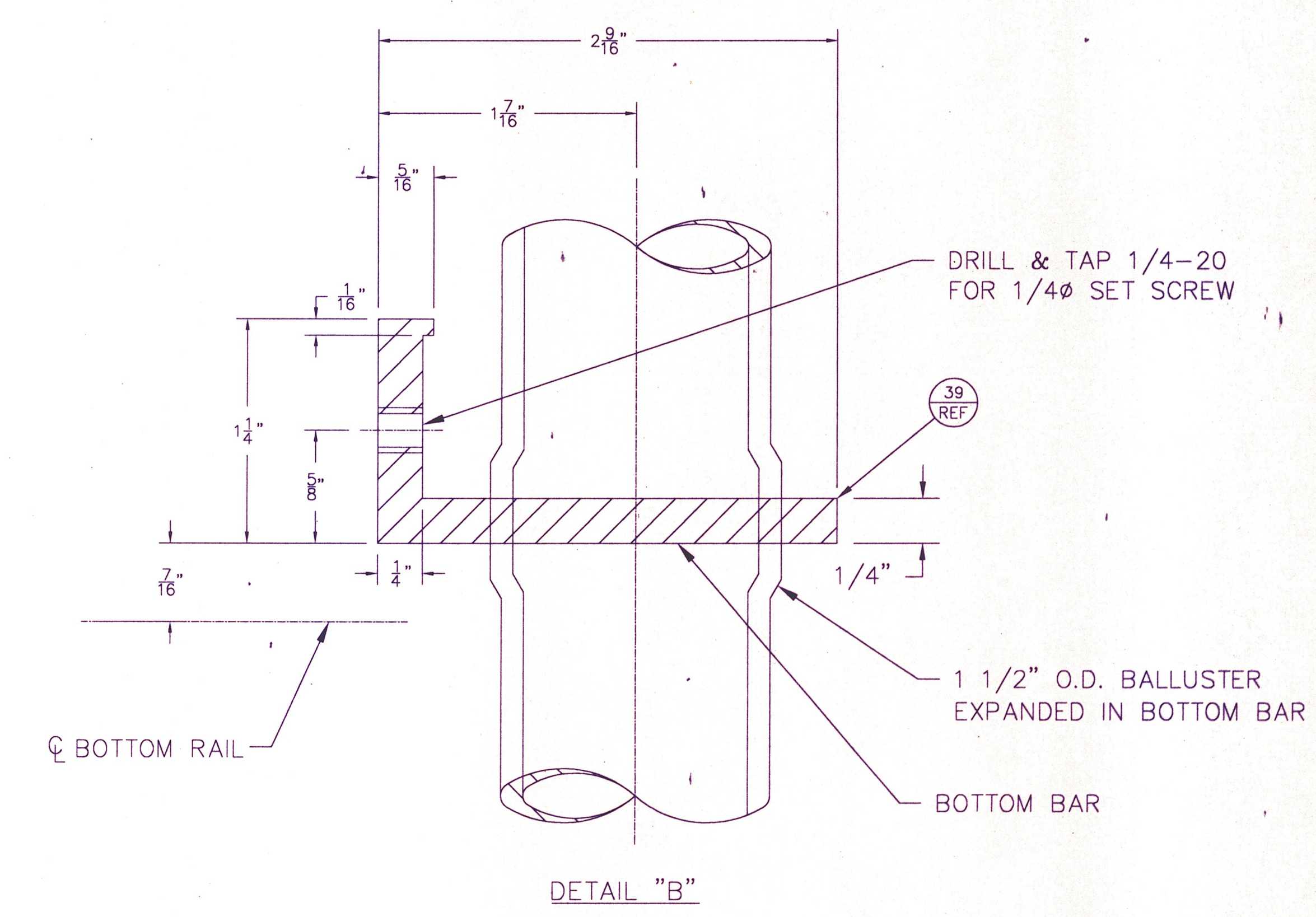
APPROACH POST
#1-4,8-11

APPROACH POST
#5-7,12-14

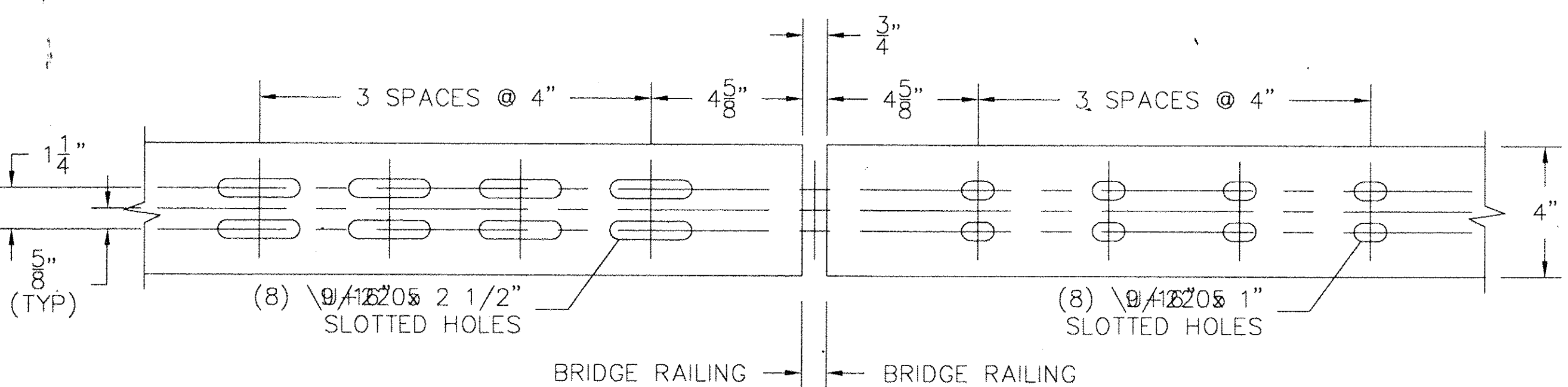
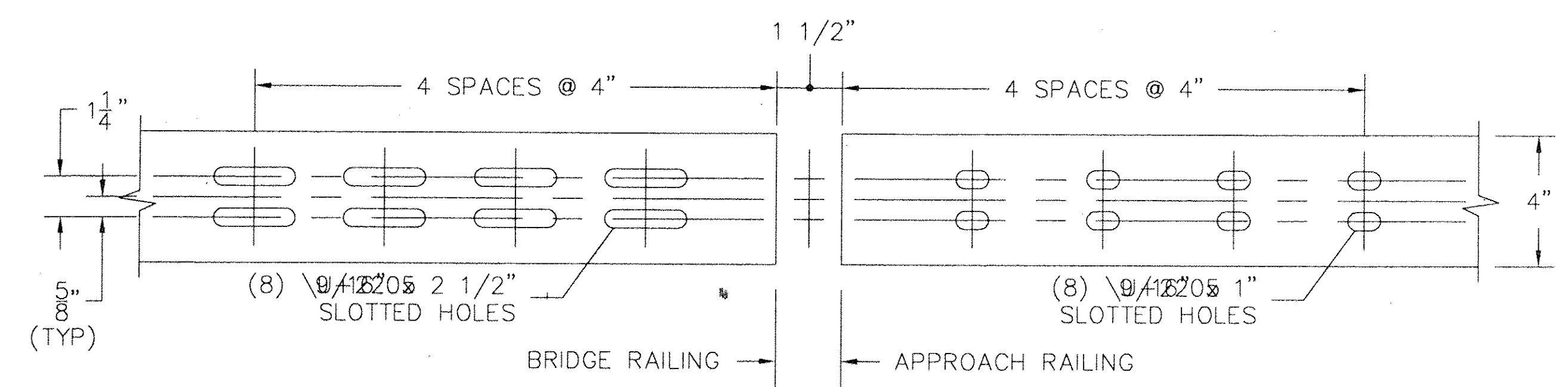


DETAIL "A"

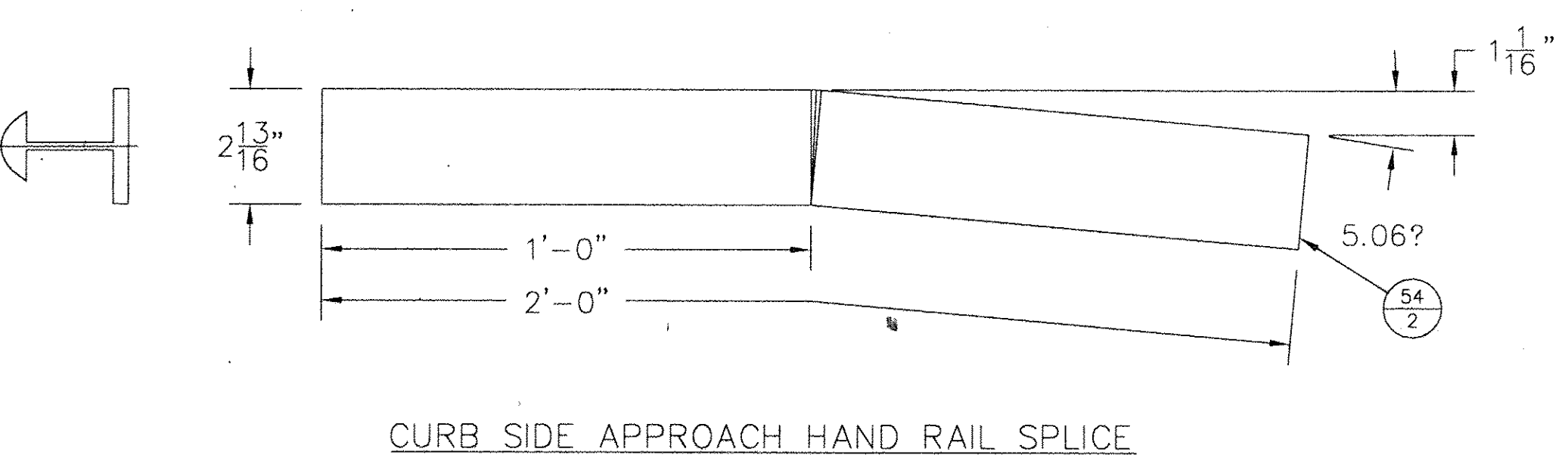
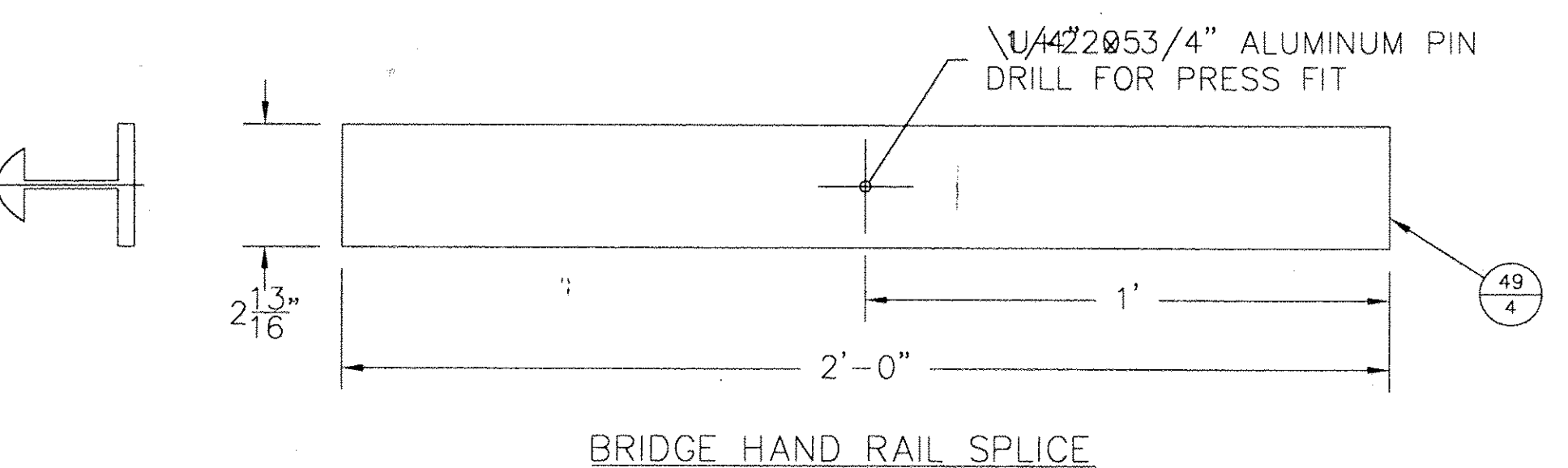
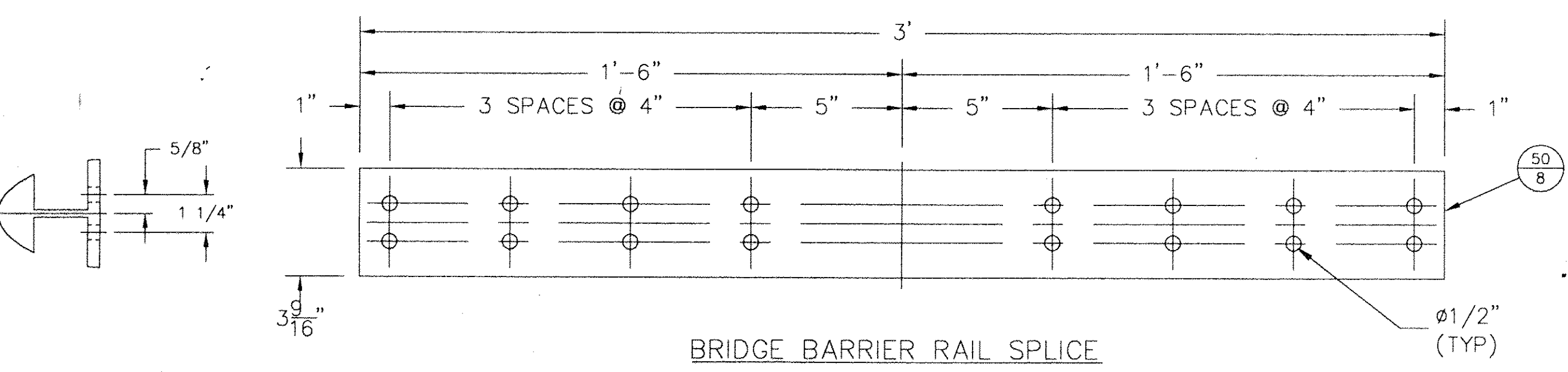
- BALUSTER NOTES
- BALUSTERS AND ATTACHMENTS SHALL BE PAID FOR UNDER ITEM 563.74.
 - ALUMINUM BALUSTERS AND ATTACHMENTS SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN N.H. SPECIFICATION 563.2.6.
 - PAY LIMITS FOR BALUSTERS SHALL BE AS SHOWN ON THE PLANS.



BALUSTER PANEL ASSEMBLY						SIZE	CAGE	DRAWING NO.	REV
SIDE	QUANTITY	'A' DIM.	'B' DIM	'C' DIM	NUMBER OF BALUSTERS	D	3P323	VTBR97291	A
SIDEWALK	8	6'-6 15/16"	10 SPACES @ 7" = 70" (5'-10")	4 15/32"	8 PANELS X 11 BALUSTERS = 88	SCALE	AS NOTED	CALC WT	- LBS. SHEET 6 OF 7

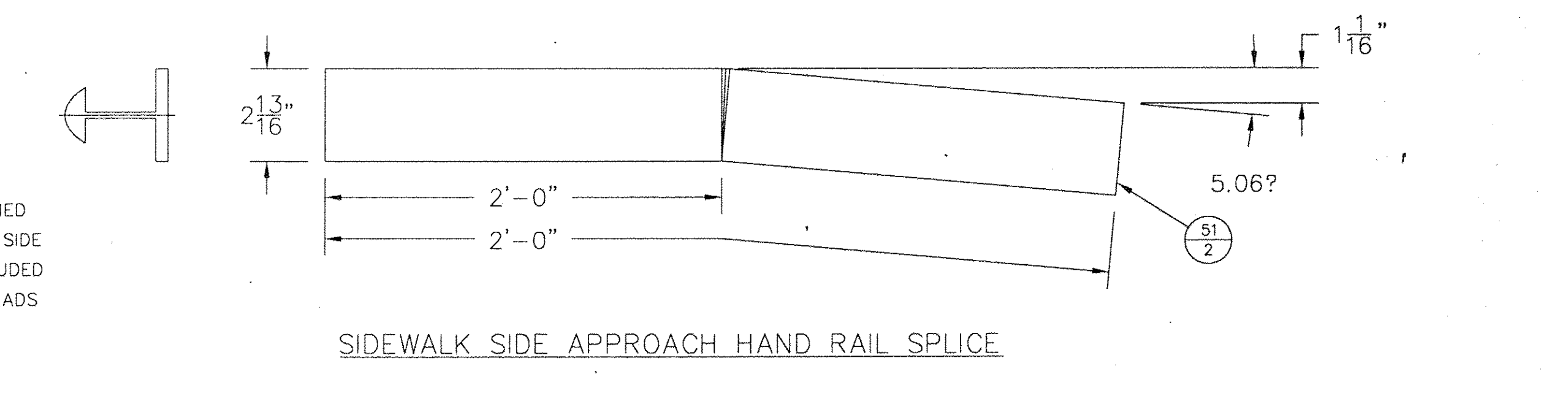
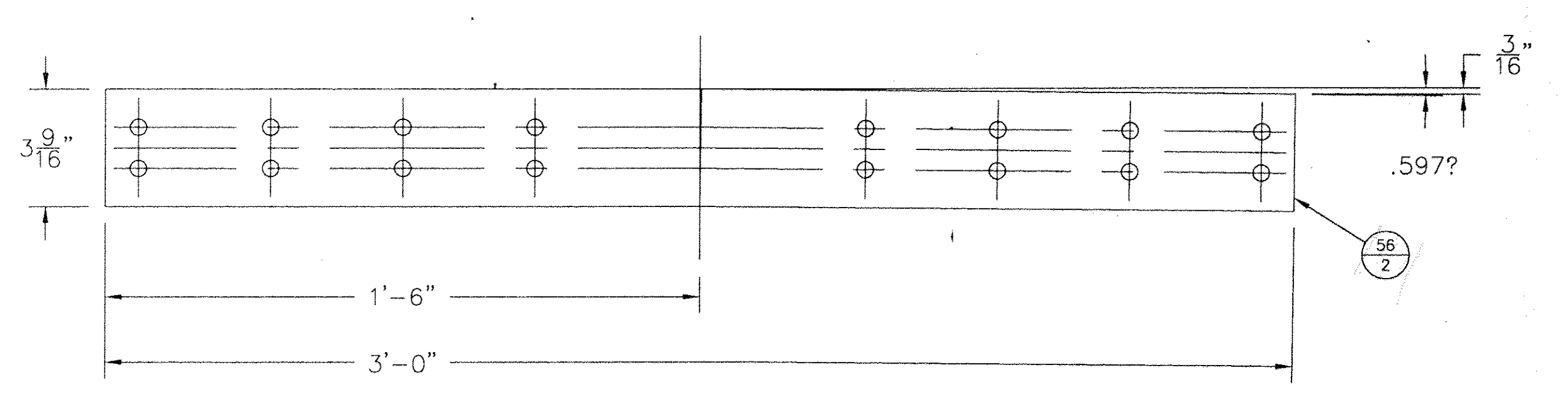
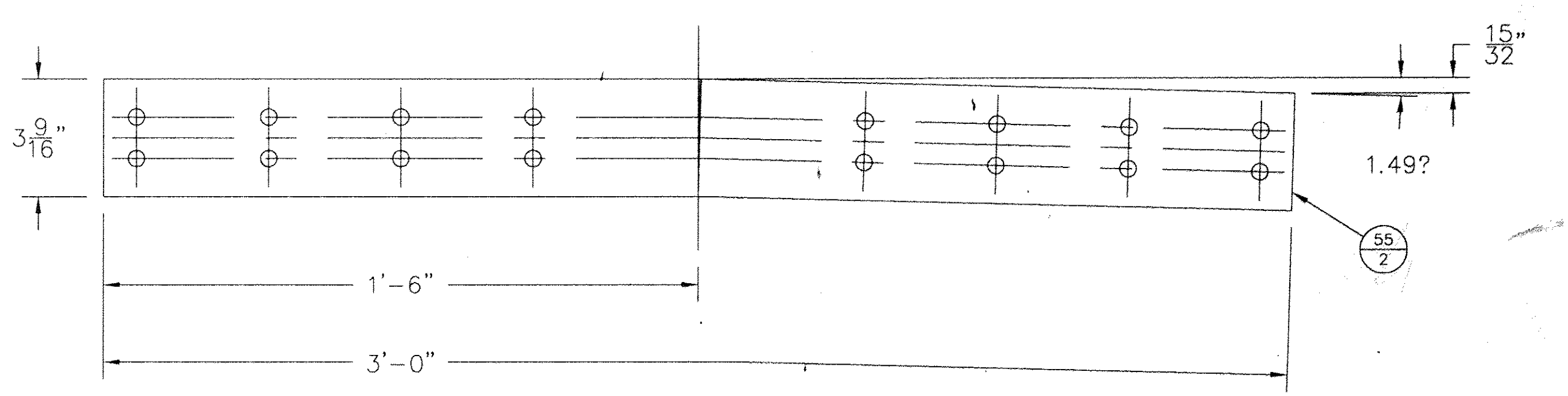
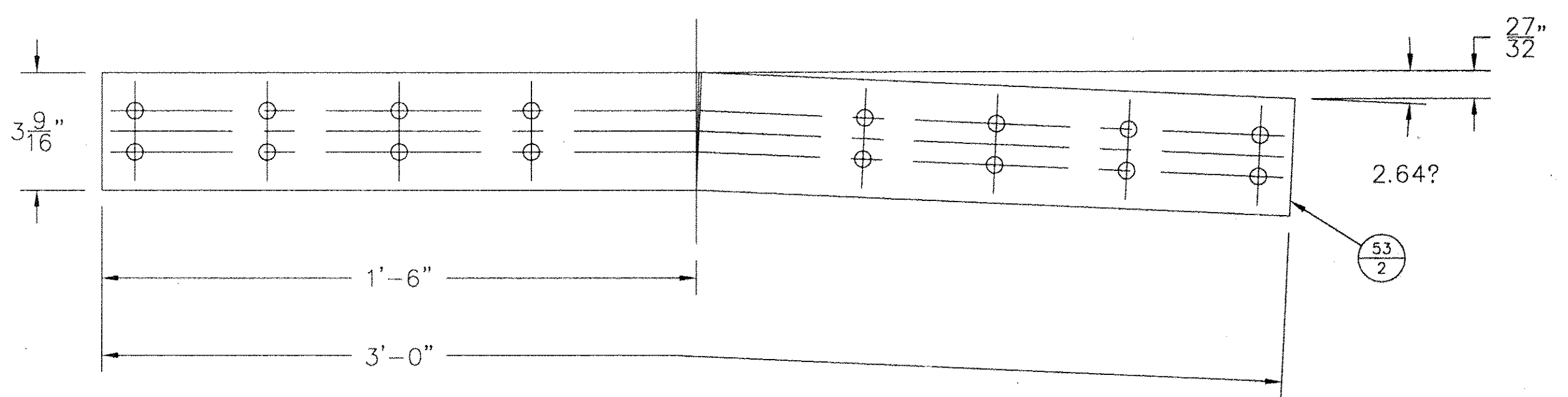
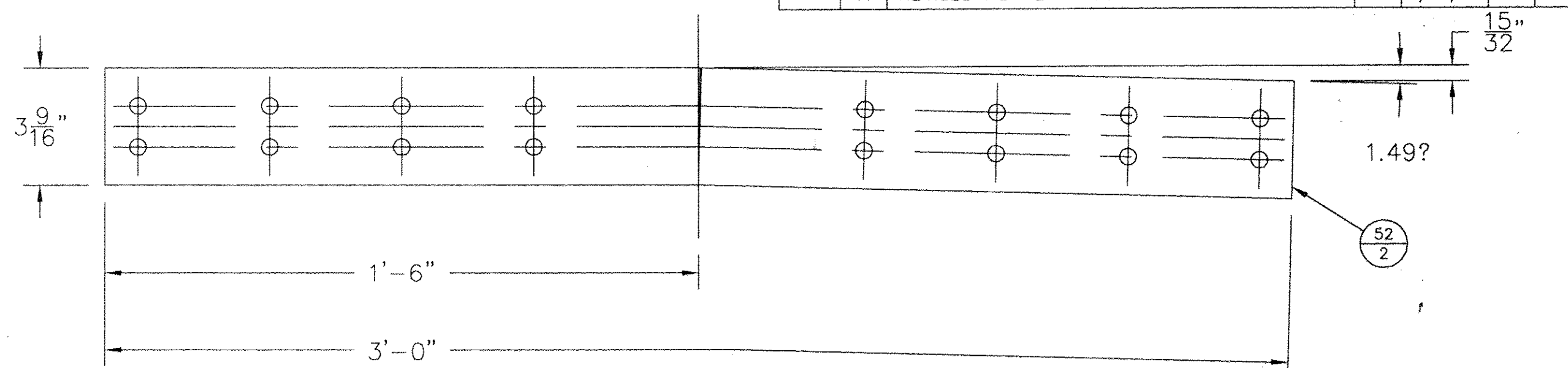
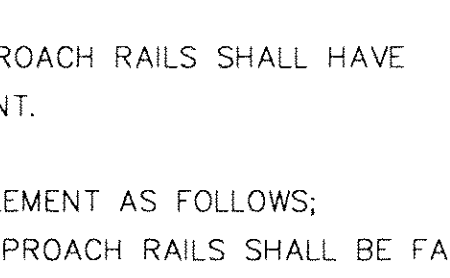
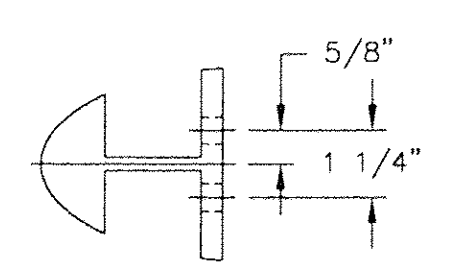
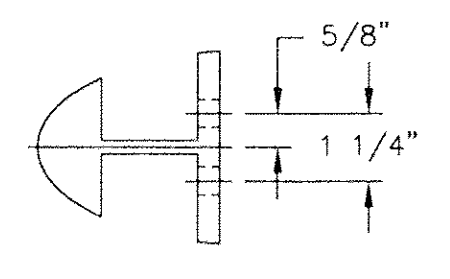
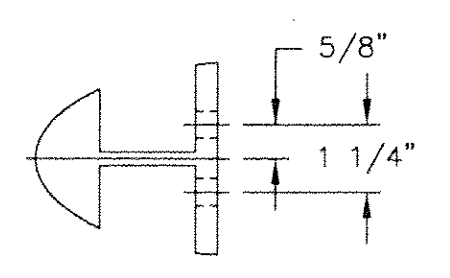
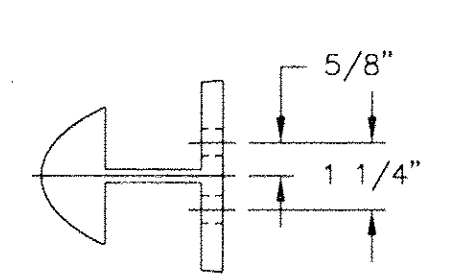


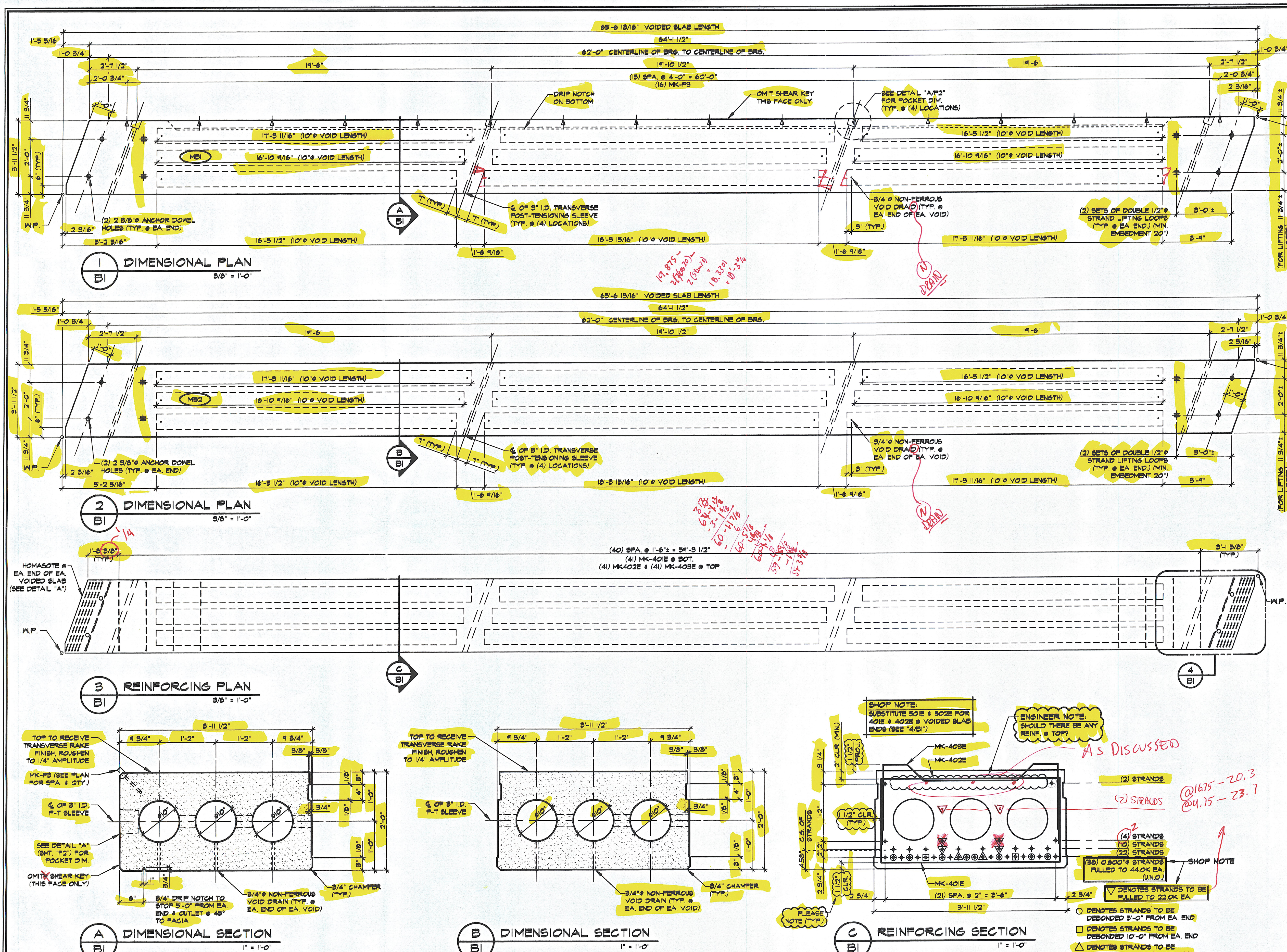
ELEVATION OF BARRIER RAIL (FROM BACK)



SPLICE BAR NOTES

- (1) FOR MATERIALS SPECIFICATIONS AND ADDITIONAL DETAILS, SEE THE BRIDGE RAIL AND BRIDGE APPROACH RAIL SHEETS.
- (2) ALL BARRIER BRIDGE RAILS AND BARRIER BRIDGE APPROACH RAILS SHALL HAVE SLOTTED HOLES AT BOTH ENDS OF EACH RAIL ELEMENT.
- (3) THE SPLICE BAR SHALL BE ATTACHED TO THE RAIL ELEMENT AS FOLLOWS:
 - (a) THE STANDARD SPLICE FOR BOTH BRIDGE AND APPROACH RAILS SHALL BE FASTENED ONE SIDE USING STANDARD BOLTS & WASHERS TIGHTENED SECURELY. THE OTHER SIDE OF THE SPLICE SHALL USE THE PARTIALLY THREADED BOLT WITH EITHER THE EXTRUDED WASHER OR THE WELDED WASHER, TIGHTENED SECURELY TO THE END OF THE THREADS AND LEAVING A 1/8" GAP. THIS ALLOWS EXPANSION ON ONE SIDE OF THE JOINT.
 - (b) THE RAIL SPLICE AT THE BRIDGE EXPANSION JOINT SHALL BE FASTENED ON BOTH SIDES OF THE RAIL SPLICE USING THE PARTIALLY THREADED BOLTS, WITH EITHER THE EXTRUDED WASHER OR THE WELDED WASHER, TIGHTENED SECURELY TO THE END OF THE THREADS, AND LEAVING A 1/8" GAP. THIS ALLOWS EXPANSION ON BOTH SIDES OF THE JOINT.





MARK:	MB1	QTY:	2	WT./TONS	31.93	CU. YDS.	15.77
MARK:	MB2	QTY:	7	WT./TONS	31.82	CU. YDS.	15.71

MATERIAL LIST / BEAM			
ITEM	MARK	DESCRIPTION	QTY. / PC.
1	401E	#4 BENT BAR (EPOXY COATED)	41 41
2	402E	#4 BENT BAR (EPOXY COATED)	41 41
3	403E	#4 BENT BAR (EPOXY COATED)	41 41
4	404E	#4 BENT BAR (EPOXY COATED)	2 2
5			
6	501E	#5 BENT BAR (EPOXY COATED)	12 12
7	502E	#5 BENT BAR (EPOXY COATED)	12 12
8			
9			
10			
11	MK-PB	RICHMOND ANGLE HANGER 45° HFR-HFA INSERT	16
12			
13		10'-0" VOID x 16'-3 1/2"	2 2
14		10'-0" VOID x 16'-10 9/16"	2 2
15		10'-0" VOID x 17'-5 11/16"	2 2
16		10'-0" VOID x 18'-5 15/16"	3 3
17			
18		3/4" VOID DRAIN	18 18
19		1/2" STRAND LIFTING LOOP (SET OF (2) LOOPS)	4 4
20			
21			

NO.

DATE

REVISION

STATE OF VERMONT

AGENCY OF TRANSPORTATION

DRAWN:

B.M. LOPEZ

DESIGNED:

CHECKED:

APPROVED:

J.P. CARRARA & SONS INC.

Precast & Prestress Manufacturer

116, MIDDLEBURY, VERMONT 05753

Phone: (802) 388-6361

Fax: (802) 388-9010

WINCO, INC.

P.O. BOX 339

SWANTON, VT 05488

Project Name:

TOWN OF MONTGOMERY

BRIDGE #15

VT 118 OVER THE TROUT RIVER

P/C VOIDED SLAB DETAILS

SCALE:

NOTED

DATE:

9-5-97

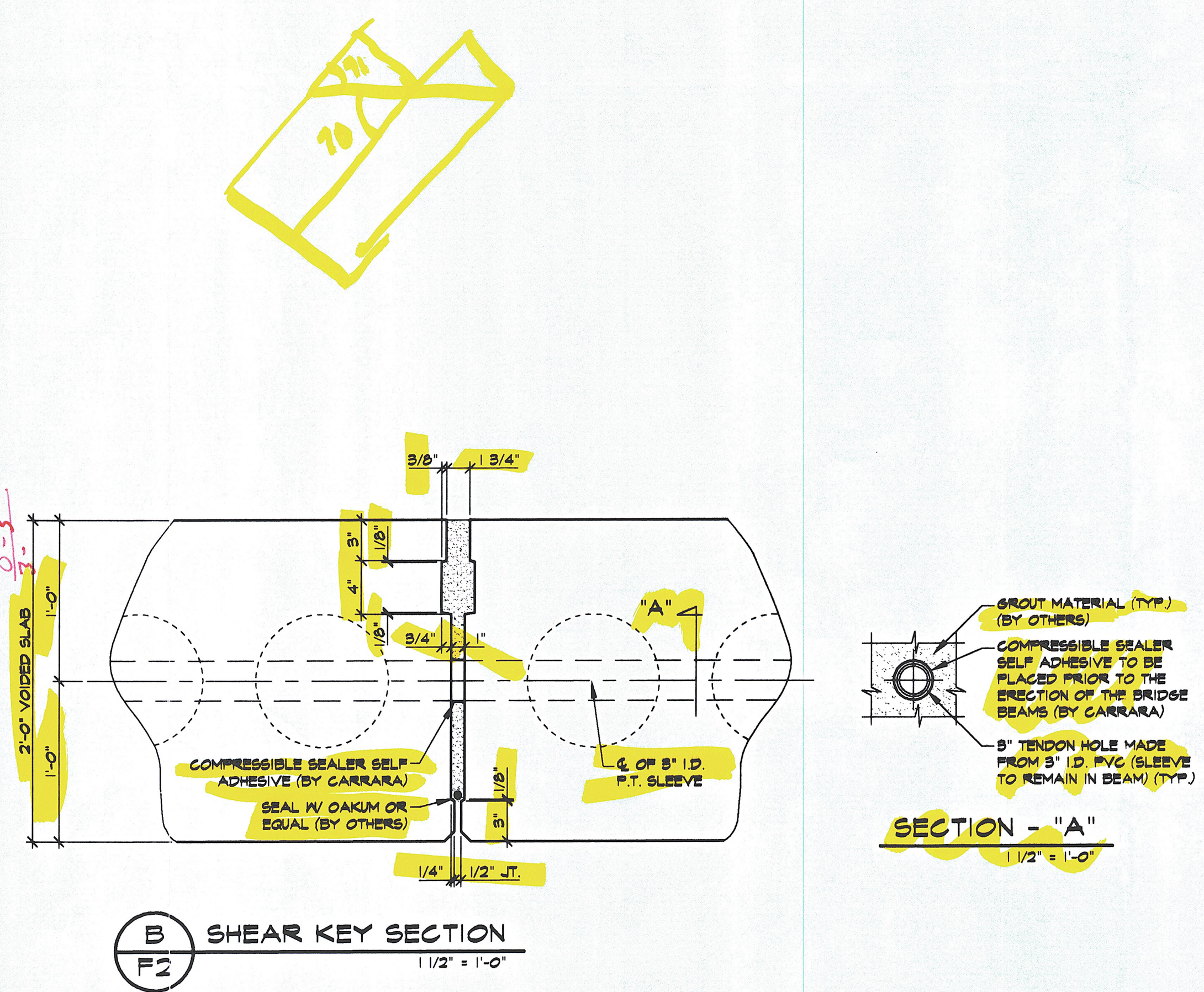
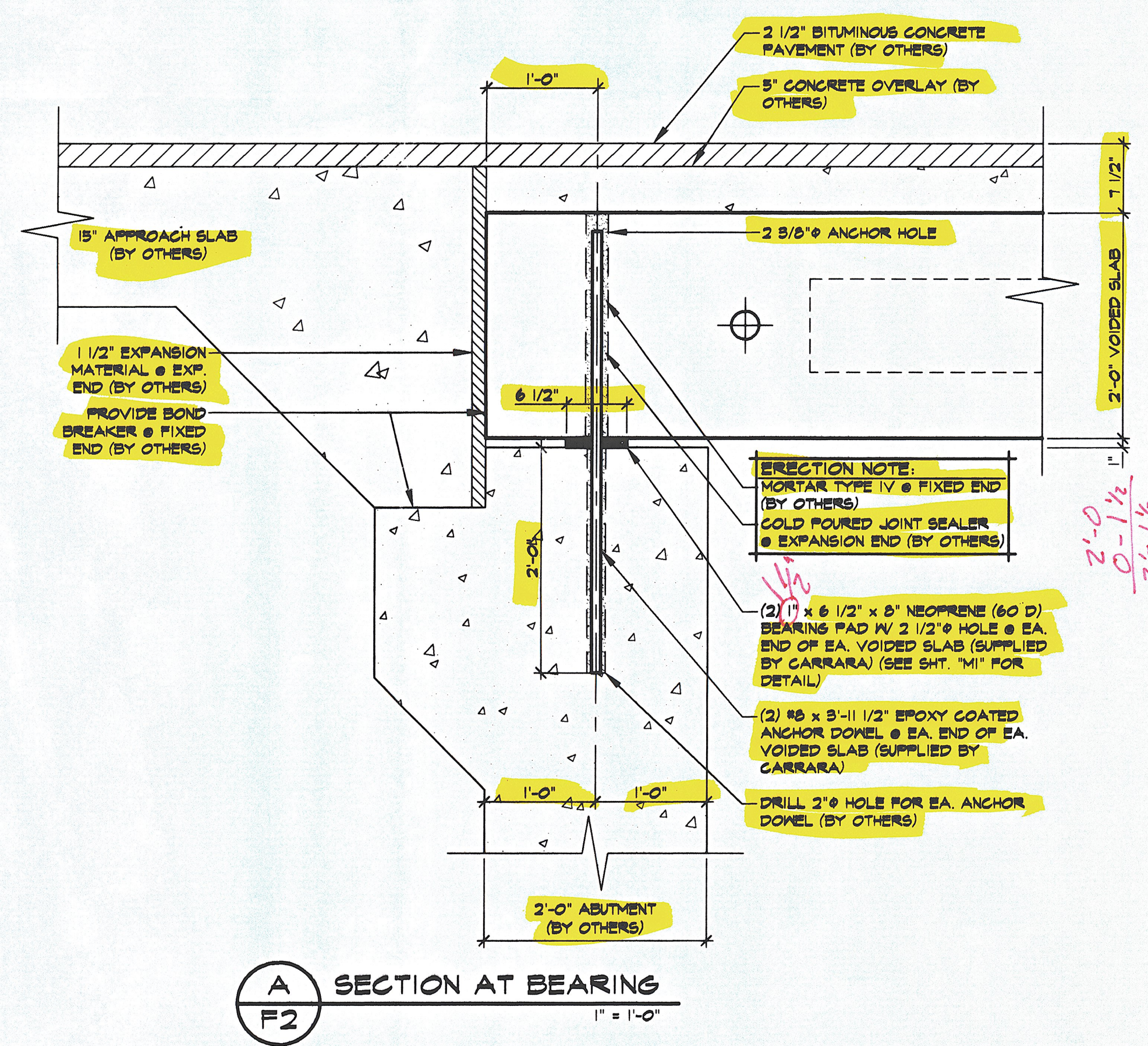
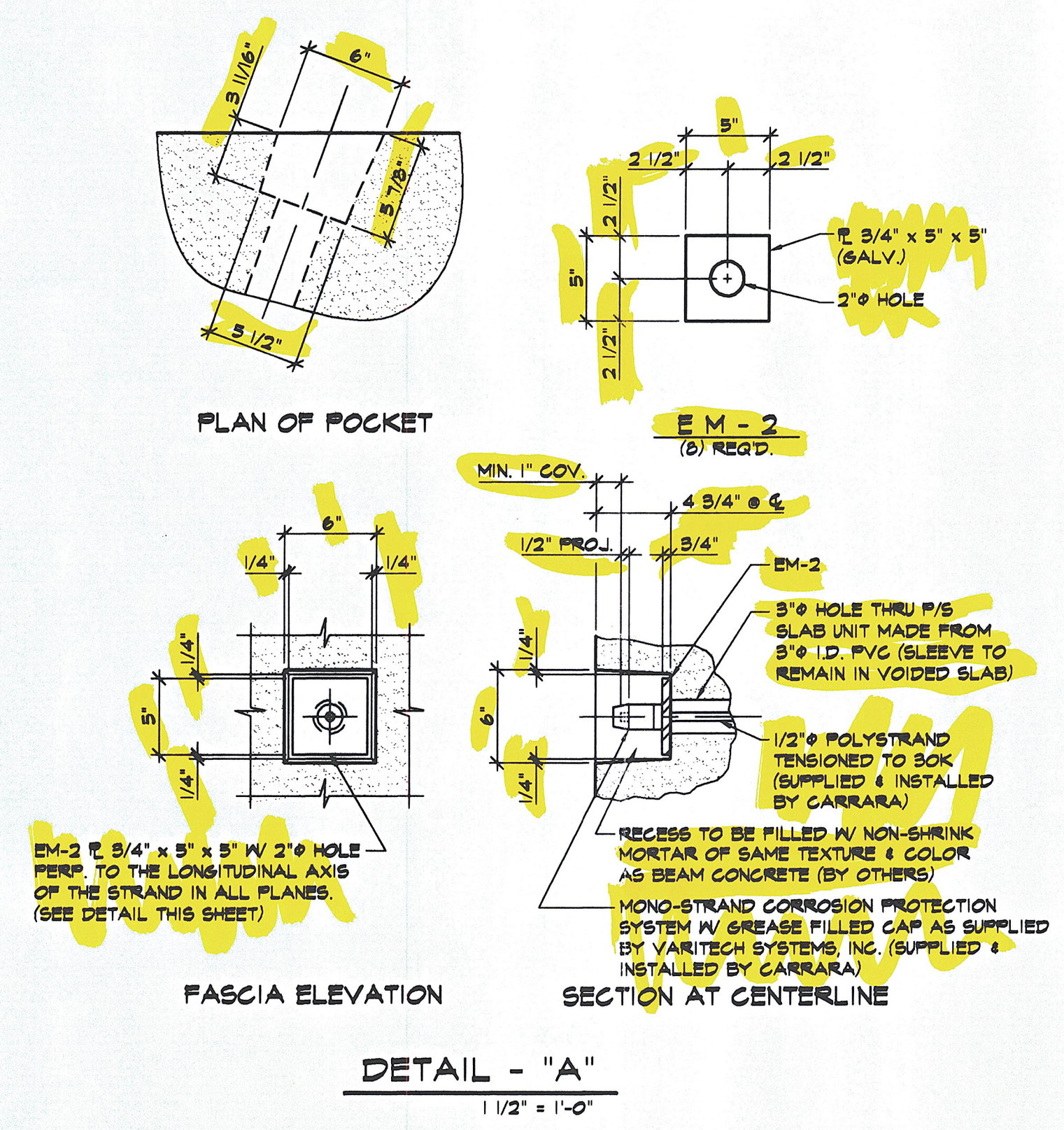
JOB #:

23050-97

SHEET #:

B1

DECK B1



RECEIVED
 CK'D BY CWC OK'D BY _____
 SEP 15 1997
 RESUBMIT _____ APPROVED AS NOTED
 BY GSZ DATE 9/23/97

NO.	DATE	REVISION

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAWN: B.M. LOPEZ
 DESIGNED: _____
 CHECKED: _____
 APPROVED: _____

J.P. CARRARA & SONS INC.
 Precast & Prestress Manufacturer
 RTE. 116, WOODBURY, VERMONT 05753
 Phone: (802) 388-8361
 Fax: (802) 388-9010

WINCO, INC.
 P.O. BOX 339
 SWANTON, VT 05488

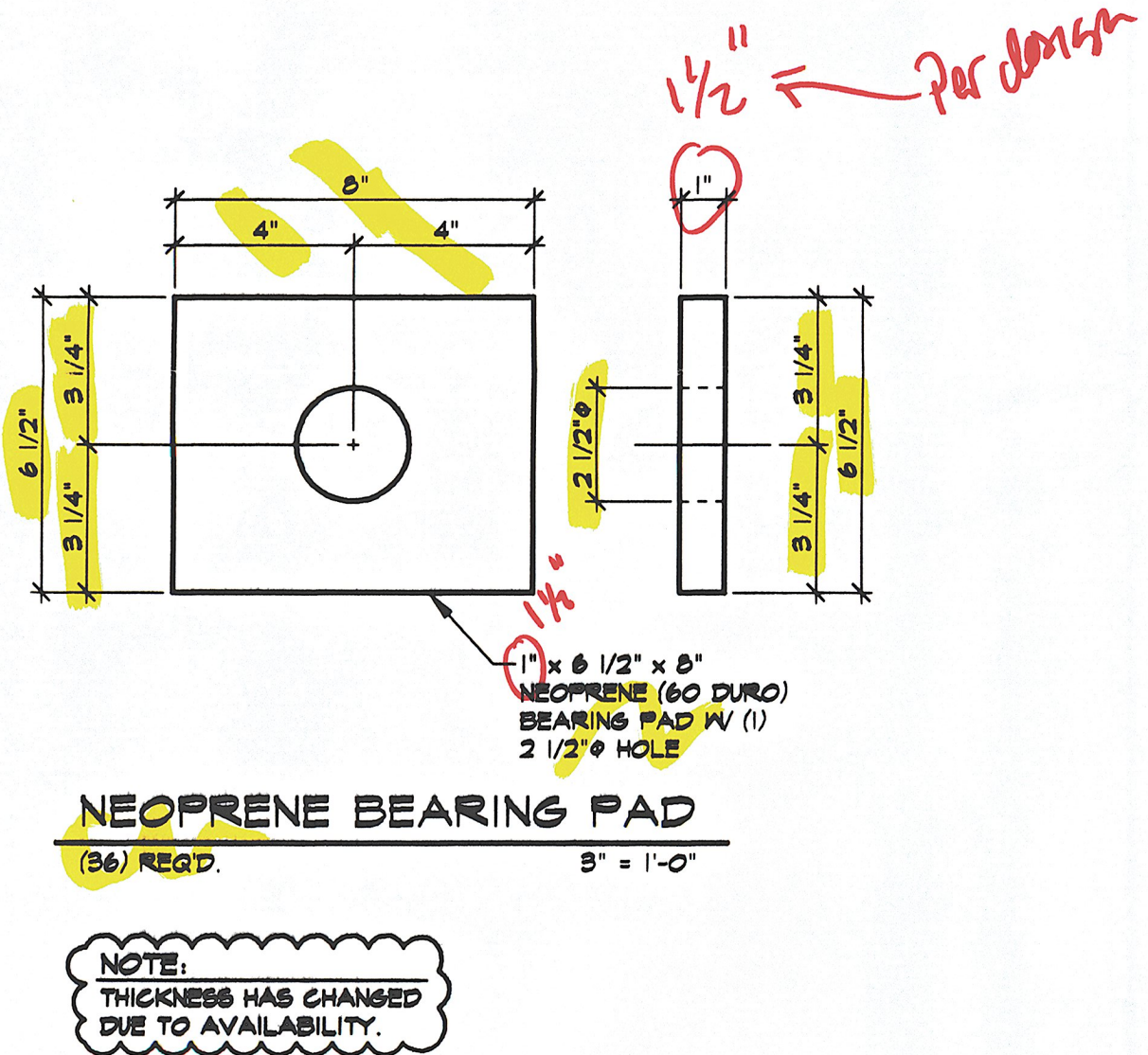
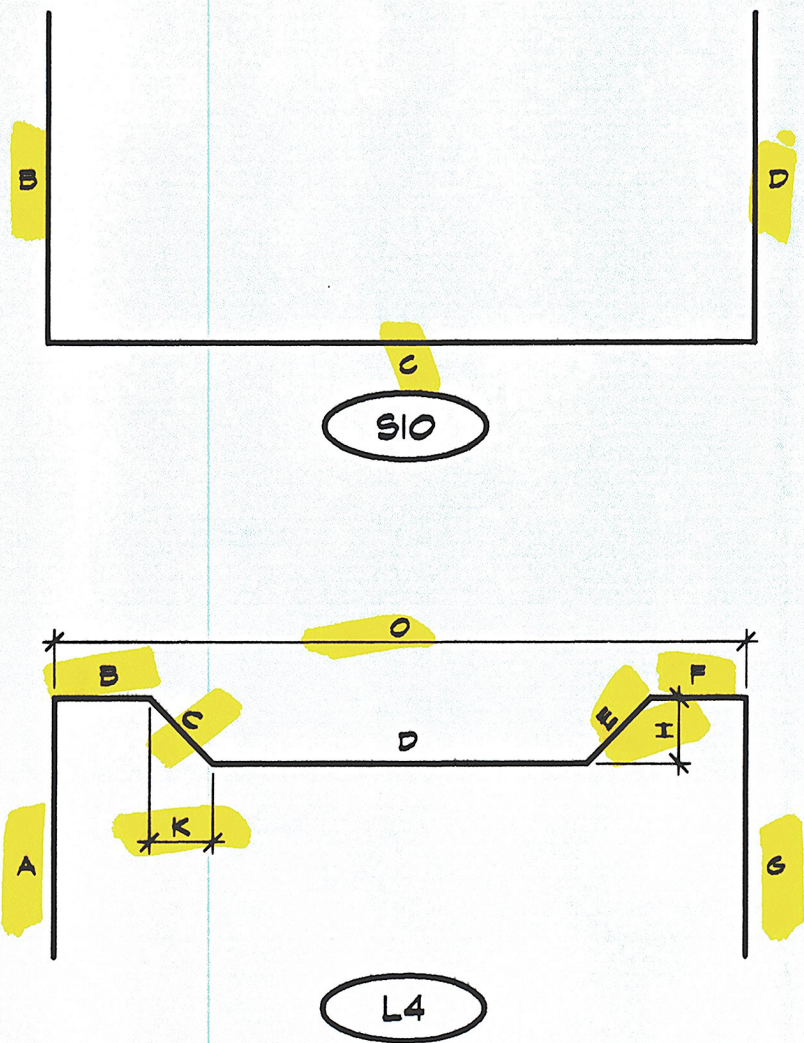
Project Name:
TOWN OF MONTGOMERY
BRIDGE #15
VT 118 OVER THE TROUT RIVER
SUPPERSTRUCTURE DETAILS

SCALE: NOTED
 JOB #: 23050-97
 DATE: 9-5-97
 SHEET #: F2

Deck F2

BENT BARS, TIES, & STIRRUPS																		
ITEM	MARK	QTY.	SIZE	LENGTH	TYPE	A	B	C	D	E	F/R	G	H	J	K	O	GRADE	REMARKS
1	401E	364	4	6'-11"	S10		1'-8 1/2"	5'-8"	1'-8 1/2"								60	EPOXY COATED
2	402E	364	4	6'-2"	S10		1'-4"	5'-8"	1'-4"								60	EPOXY COATED
3	403E	364	4	6'-2 3/4"	L4	1'-4"	6"	5 5/8"	1'-11 1/2"	5 5/8"	6"	1'-4"	4"		4"	5'-8"	60	EPOXY COATED
4	404E	18	4	6'-5 5/8"	L4	1'-4"	6"	5 5/8"	2'-2 5/8"	5 5/8"	6"	1'-4"	4"		4"	5'-10 1/8"	60	EPOXY COATED
5																		
6	501E	108	5	7'-1 5/8"	S10		1'-8 1/2"	5'-10 1/8"	1'-8 1/2"								60	EPOXY COATED
7	502E	108	5	6'-4 5/8"	S10		1'-4"	5'-10 1/8"	1'-4"								60	EPOXY COATED
8																		
9																		
10																		
11																		
12																		
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28																		
29																		

MISCELLANEOUS MATERIAL						
ITEM	MARK	QTY.	DESCRIPTION	REMARKS		
1						
2						
3						
4		162	3/4" NON-FERROUS VOID DRAIN			
5		36	DOUBLE 1/2" STRAND LIFT LOOPS			
6						
7						
8						
9						
10						
11						
12						
13		4	1/2" POLYSTYRENE x 44'-0"	FOR TRANS. TENSIONING		
14	EM-2	8	3/4"x5"x5" W/ 2" HOLE	GALV.		
15						
16						
17						
18						
19						
20	MK-PS	32	RICHMOND ANGLE HANGER 45° WFR-WFA INSERT			
21		36	1" x 6 1/2" x 5' NEOPRENE (60 DURO) BEARING PAD			
22						
23		18	10" x 16'-5 1/2" VOIDS			
24		18	10" x 16'-10 4/16" VOIDS			
25		18	10" x 17'-3 11/16" VOIDS			
26		27	10" x 18'-3 15/16" VOIDS			
27						



RECEIVED
CK'D BY GSR OK'D BY _____
SEP 15 1997
RESUBMIT _____ APPROVED AS NOTED
BY GSR DATE 9/23/97

NO.	DATE	REVISION

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAWN: B.M. LOPEZ
DESIGNED: _____
CHECKED: _____
APPROVED: _____

J.P. CARRARA & SONS INC.
Precast & Prestress Manufacturer
RTE. 116, MIDDLEBURY, VERMONT 05753
Phone: (802) 388-8381
Fax: (802) 388-9010
Double-Tees Hollow-Core Plank Flat Panels

WINCO, INC.
P.O. BOX 339
SWANTON, VT 05488

Project Name:
TOWN OF MONTGOMERY
BRIDGE #15
VT 118 OVER THE TROUT RIVER
MATERIALS LIST

SCALE: JOB #:
NOTED 23050-97
DATE: SHEET #:
9-5-97 MI

DECK M1