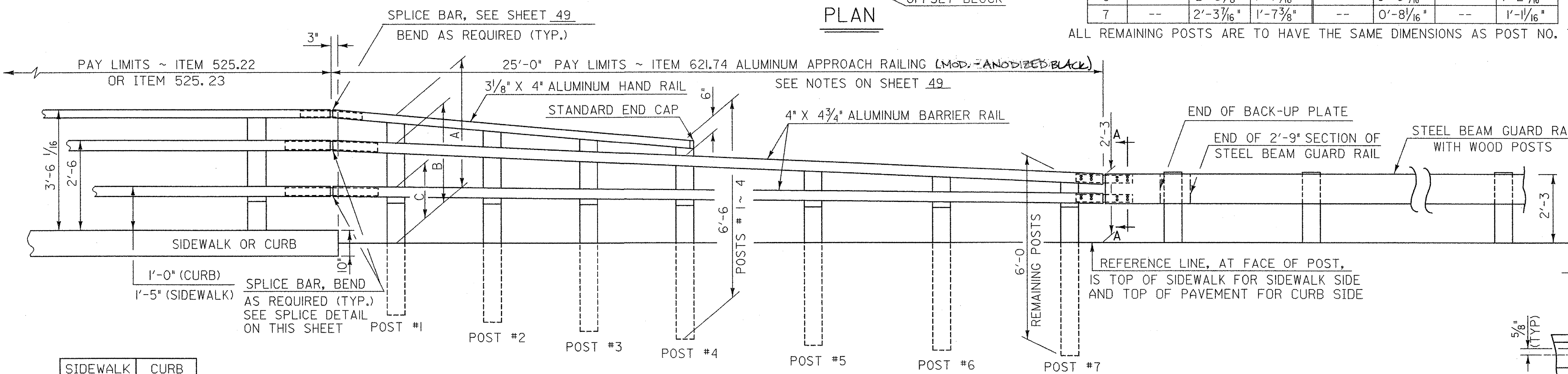


**ALUMINUM APPROACH RAIL
RAIL DIMENSIONS FOR A CURB CONDITION**

POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	3'-11 3/16"	3'-0 3/16"	1'-7"	0'-11 7/16"	1'-5 1/8"	2'-9 1/8"	--
2	3'-8 3/4"	2'-10 15/16"	1'-7 1/16"	0'-9 3/4"	1'-3 3/8"	2'-6 3/16"	--
3	3'-5 5/16"	2'-9 1/16"	1'-7 3/8"	0'-8 1/8"	1'-2 3/16"	2'-3 3/16"	--
4	3'-2 7/16"	2'-8 7/16"	1'-7 3/8"	0'-6 1/16"	1'-1 1/4"	2'-0 1/4"	--
5	--	2'-6 3/4"	1'-7 1/4"	--	0'-11 9/16"	--	1'-4 9/16"
6	--	2'-5 1/8"	1'-7 5/16"	--	0'-9 13/16"	--	1'-2 13/16"
7	--	2'-3 7/16"	1'-7 3/8"	--	0'-8 1/16"	--	1'-1 1/16"

ALL REMAINING POSTS ARE TO HAVE THE SAME DIMENSIONS AS POST NO. 7

- NOTES**
- POST 1 THROUGH 7 SHALL BE EXTRUDED ALUMINUM.
 - ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 36 GALVANIZED AFTER FABRICATION.
 - ALL ITEMS NOT OTHERWISE INDICATED SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE STANDARD SHEETS ON WHICH THEY ARE DETAILED.
 - SEE STANDARD G-1 FOR STEEL BEAM GUARD RAIL DETAILS. SEE SHEETS 48 AND 49 FOR ALUMINUM BRIDGE RAILING DETAILS.
 - THE COST OF ALL MATERIALS AND LABOR FOR THE SPLICE BETWEEN THE ALUMINUM APPROACH RAILING AND THE STEEL BEAM GUARD RAIL SHALL BE SUBSIDIARY TO ITEM 621.74, ALUMINUM APPROACH RAILING (MOD. - ANODIZED BLACK).
 - DETAILS ARE SHOWN FOR TRANSITION TO A 3 RAIL ALUMINUM BRIDGE RAILING.
 - DIMENSIONS SHOWN ARE FROM A REFERENCE LINE AT THE FACE OF POST FOR A NORMAL CROWNED SECTION. APPROPRIATE CORRECTIONS SHALL BE MADE FOR CROSS SLOPES OTHER THAN A NORMAL SECTION.

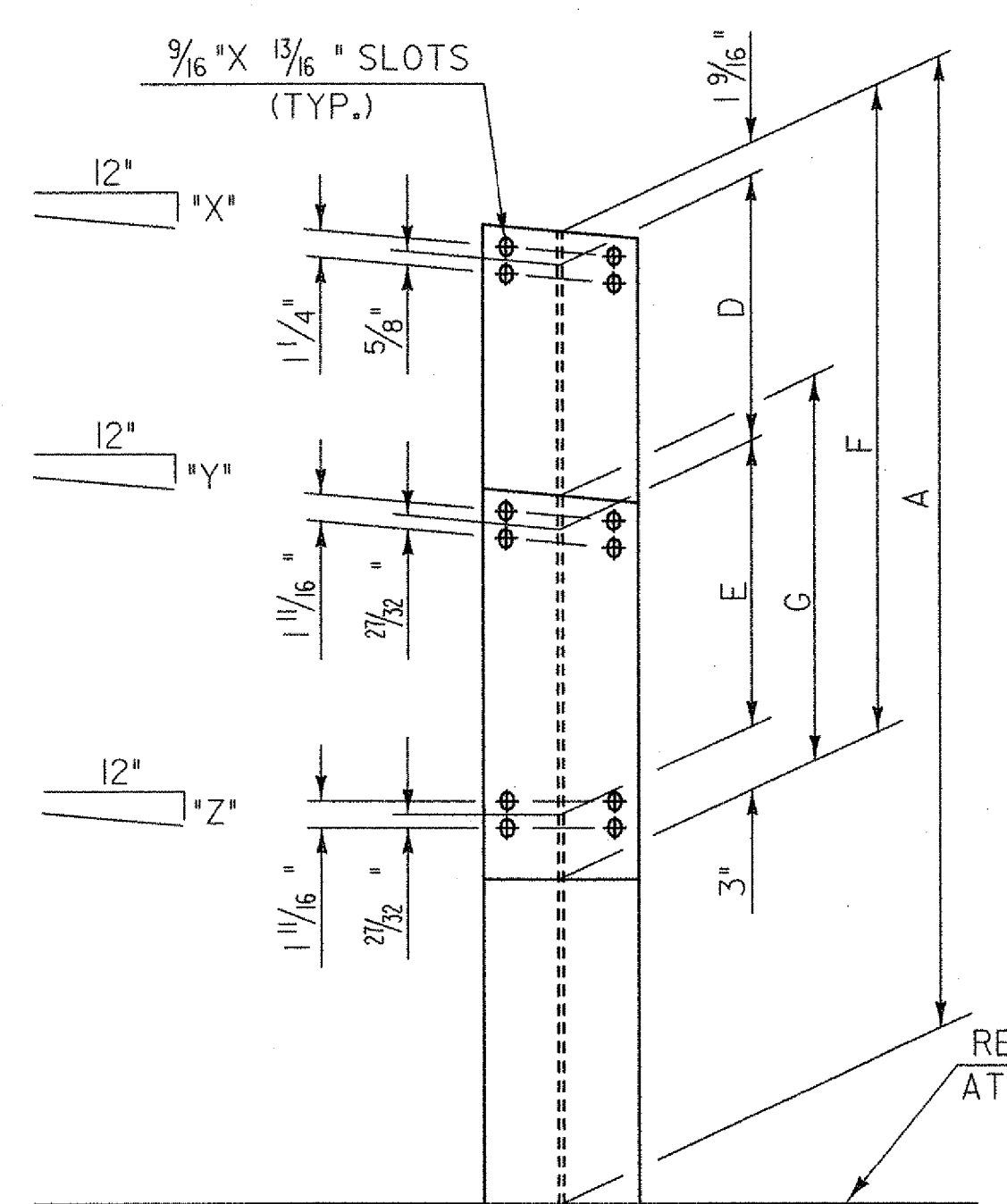


**ALUMINUM APPROACH RAIL
RAIL DIMENSIONS FOR A SIDEWALK CONDITION**

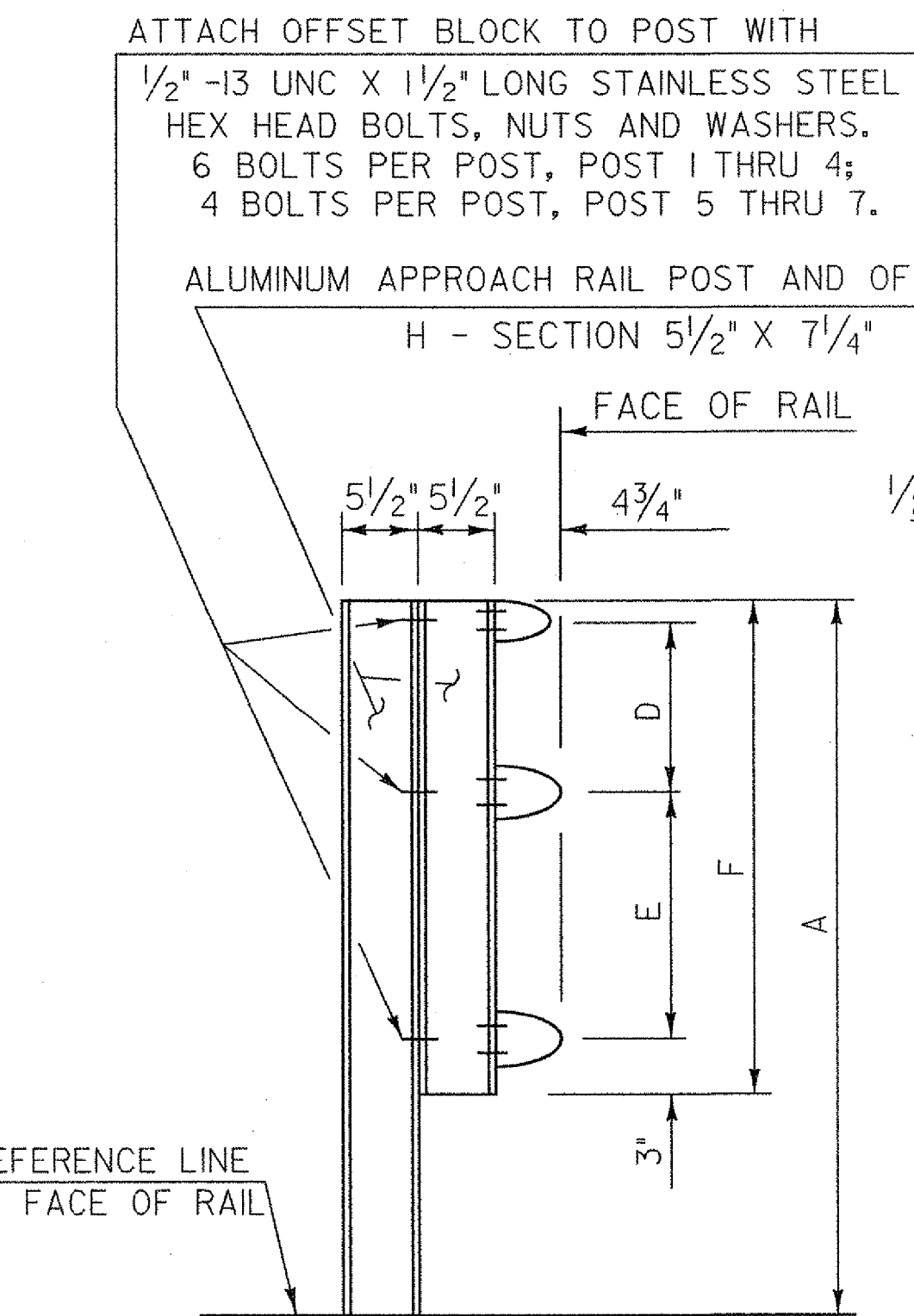
POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	3'-4 3/4"	2'-5 3/4"	1'-5 3/16"	0'-11 7/16"	1'-0 9/16"	2'-4 9/16"	--
2	3'-2 1/16"	2'-5 3/8"	1'-5 1/2"	0'-9 3/4"	0'-11 7/16"	2'-2 3/16"	--
3	3'-0 1/16"	2'-5"	1'-5 1/16"	0'-8 1/8"	0'-11 3/16"	1'-11 7/8"	--
4	2'-10 5/8"	2'-4 5/8"	1'-6 1/16"	0'-6 1/16"	0'-10 3/16"	1'-9 9/16"	--
5	--	2'-4 1/8"	1'-6 1/2"	--	0'-9 5/8"	--	1'-2 5/8"
6	--	2'-3 5/8"	1'-6 7/8"	--	0'-8 3/4"	--	1'-1 3/4"
7	--	2'-3 3/8"	1'-7 1/4"	--	0'-7 7/8"	--	1'-0 7/8"

ALL REMAINING POSTS TO HAVE THE SAME DIMENSIONS AS POST NO. 7

	SIDEWALK SIDE	CURB SIDE
*X	0.6512"	0.9310
*Y	0.1200"	0.4000"
*Z	-0.0950"	-0.0150

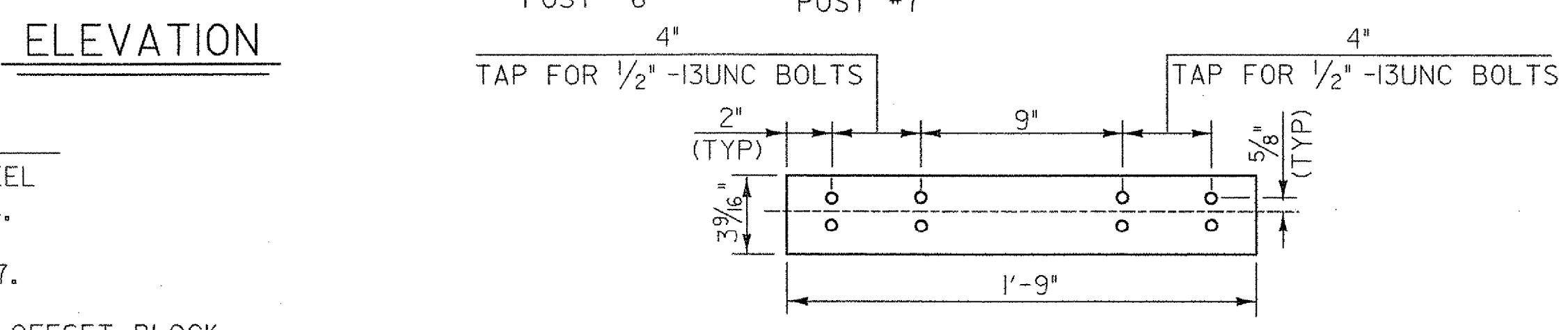


FRONT ELEVATION

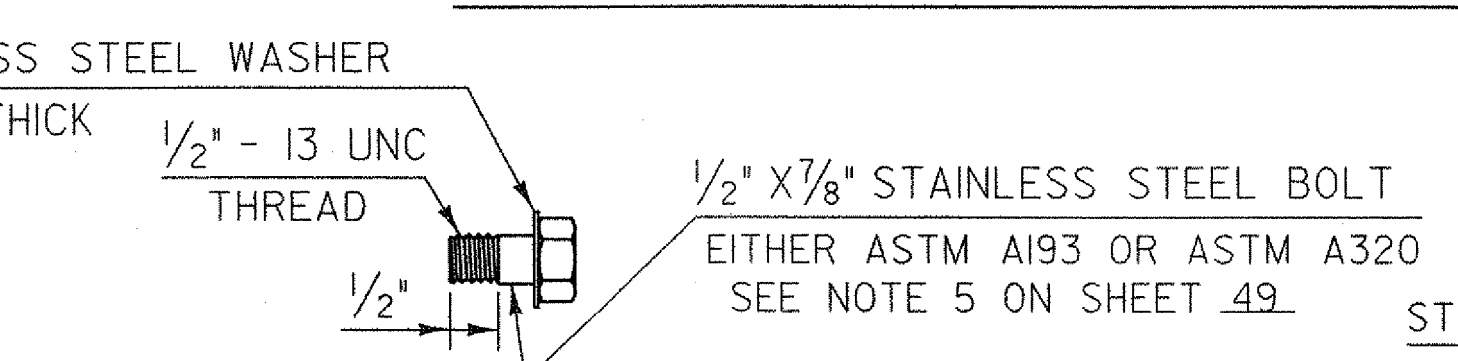


SIDE ELEVATION

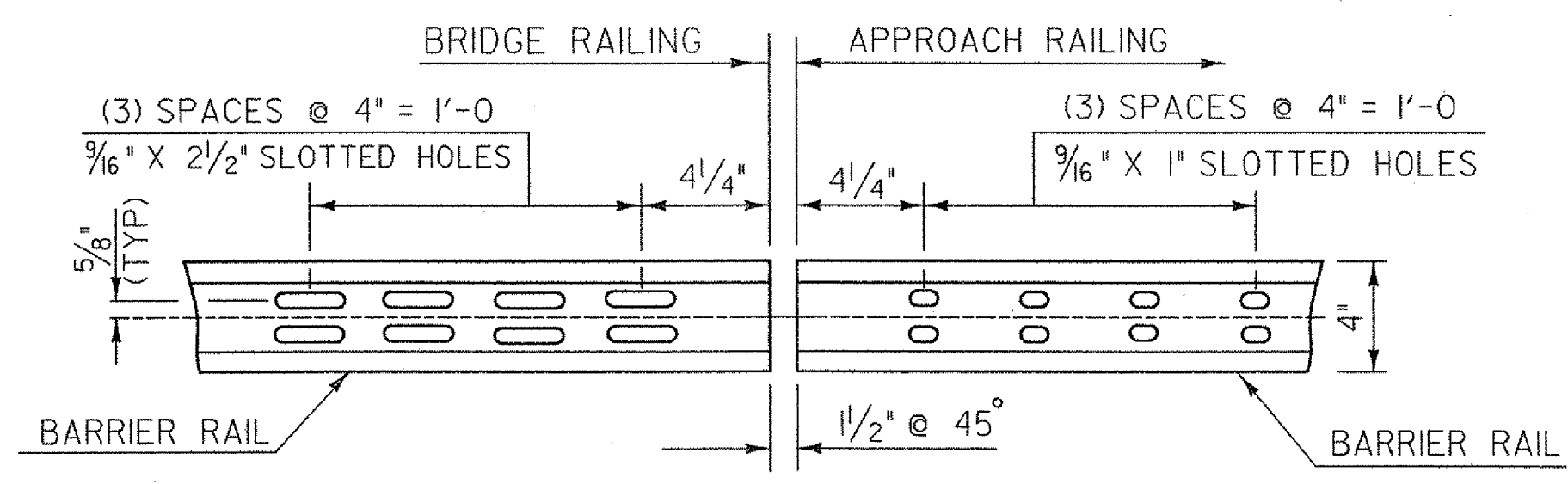
APPROACH RAIL DETAILS



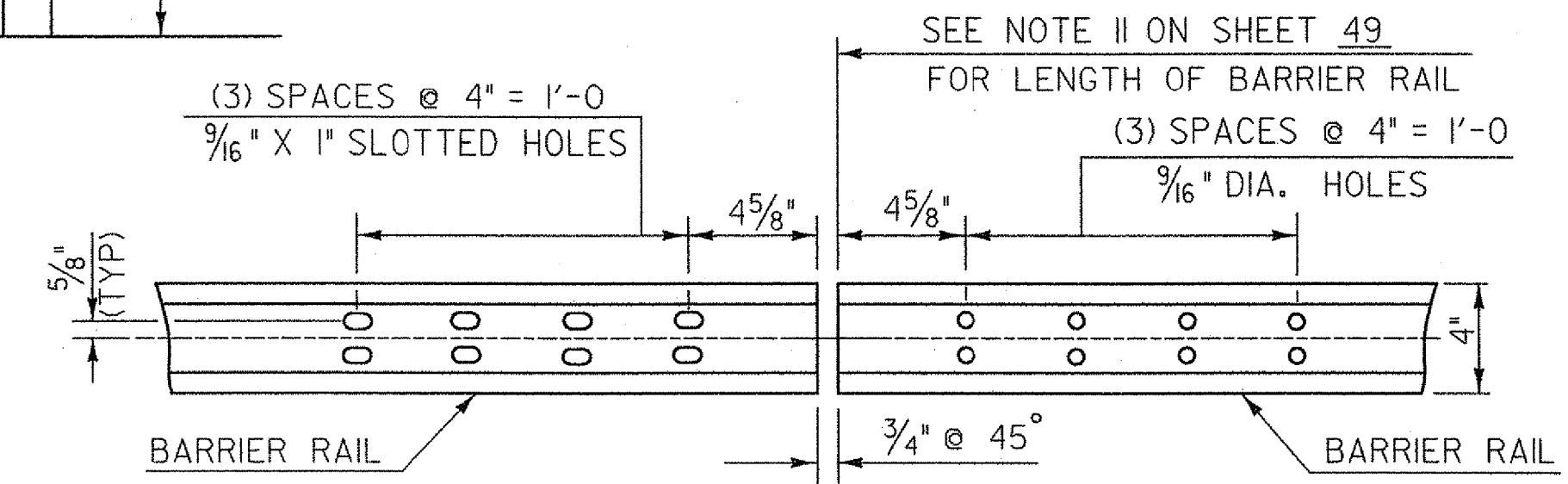
ELEVATION OF BARRIER RAIL SPLICE BAR TO BE USED AT TRANSITION BETWEEN APPROACH RAIL & GUARD RAIL (FROM BACK)



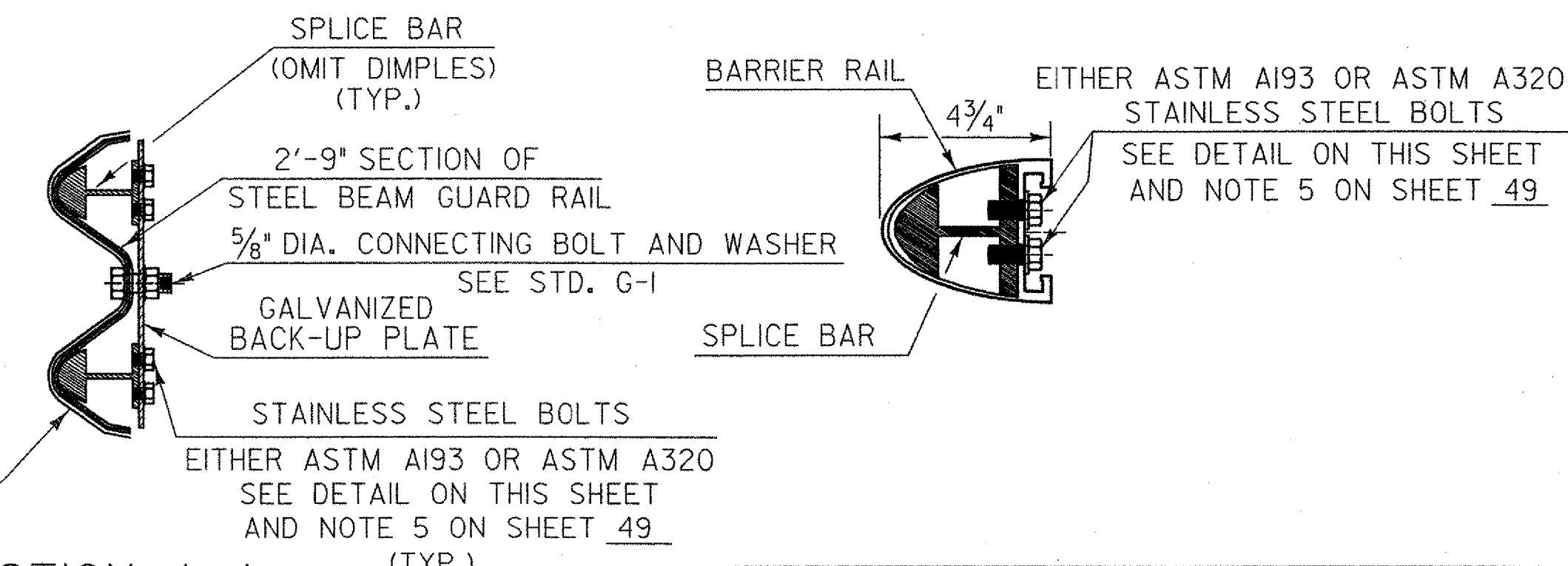
STAINLESS STEEL BOLT DETAILS



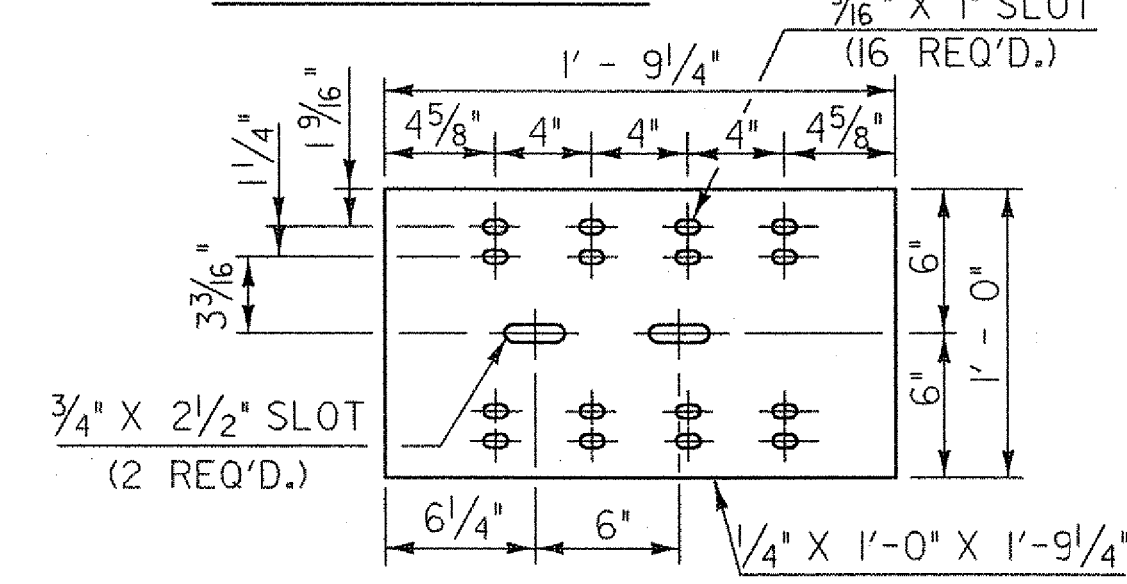
ELEVATION OF BARRIER RAIL (FROM BACK)



ELEVATION OF BARRIER RAIL (FROM BACK) AT ALL INTERMEDIATE RAIL SPLICES



SECTION A-A



BACK-UP PLATE DETAILS

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	WOODSTOCK	Bridge No.	50
Highway No.	U. S. ROUTE 4	Log Sta.	
U. S. ROUTE 4 OVER OTTAUQUECHEE RIVER			
APPROACH RAILING DETAILS (1 OF 2)			
Designed By	VTRANS	Drawn By	VTRANS
Checked By	Date	Bridge Design Supervisor	Date
T. S. BRYANT	10/06	M. A. COLGAN	Date 10/06
PROJECT	WOODSTOCK	PROJECT NO.	BHF 020-2 (32)
I.G.C. Info.			
Bridge Sheet No.	ZJ028RL	Sheet	46 of 71

VHB Vanasse Hangen Brustlin, Inc.