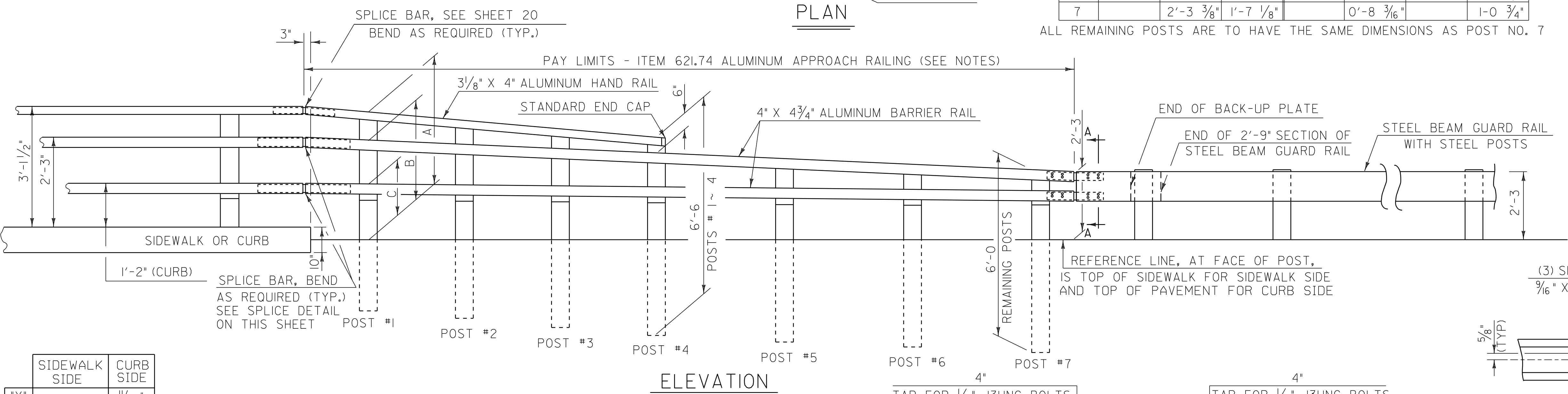


**ALUMINUM APPROACH RAIL
RAIL DIMENSIONS FOR A CURB CONDITION**

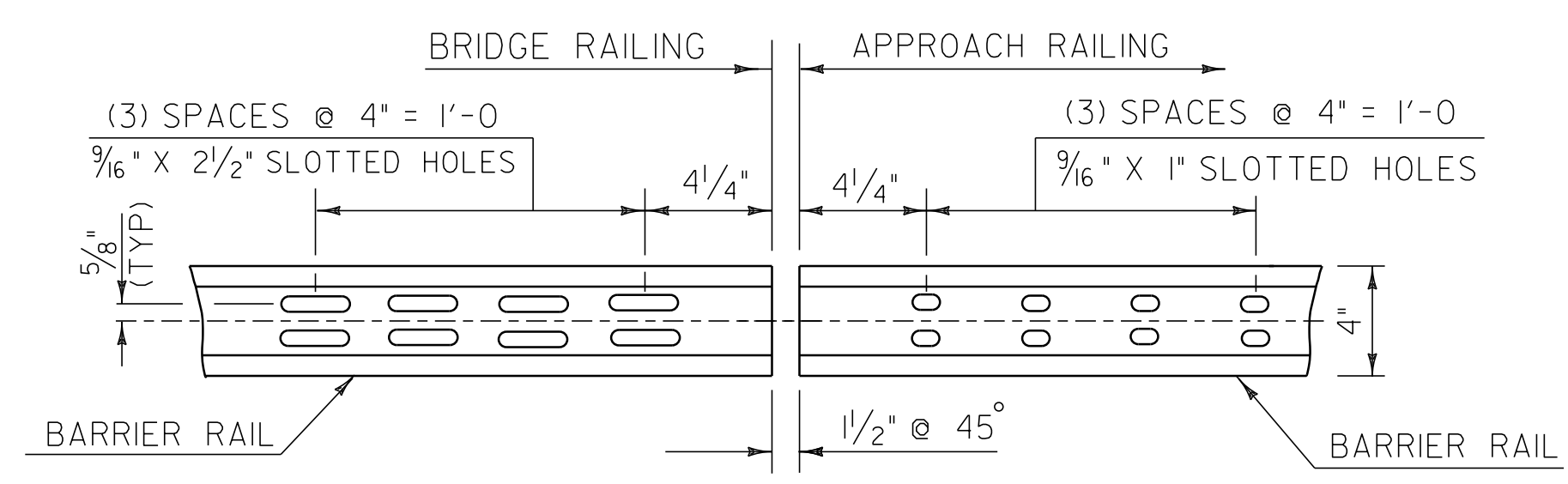
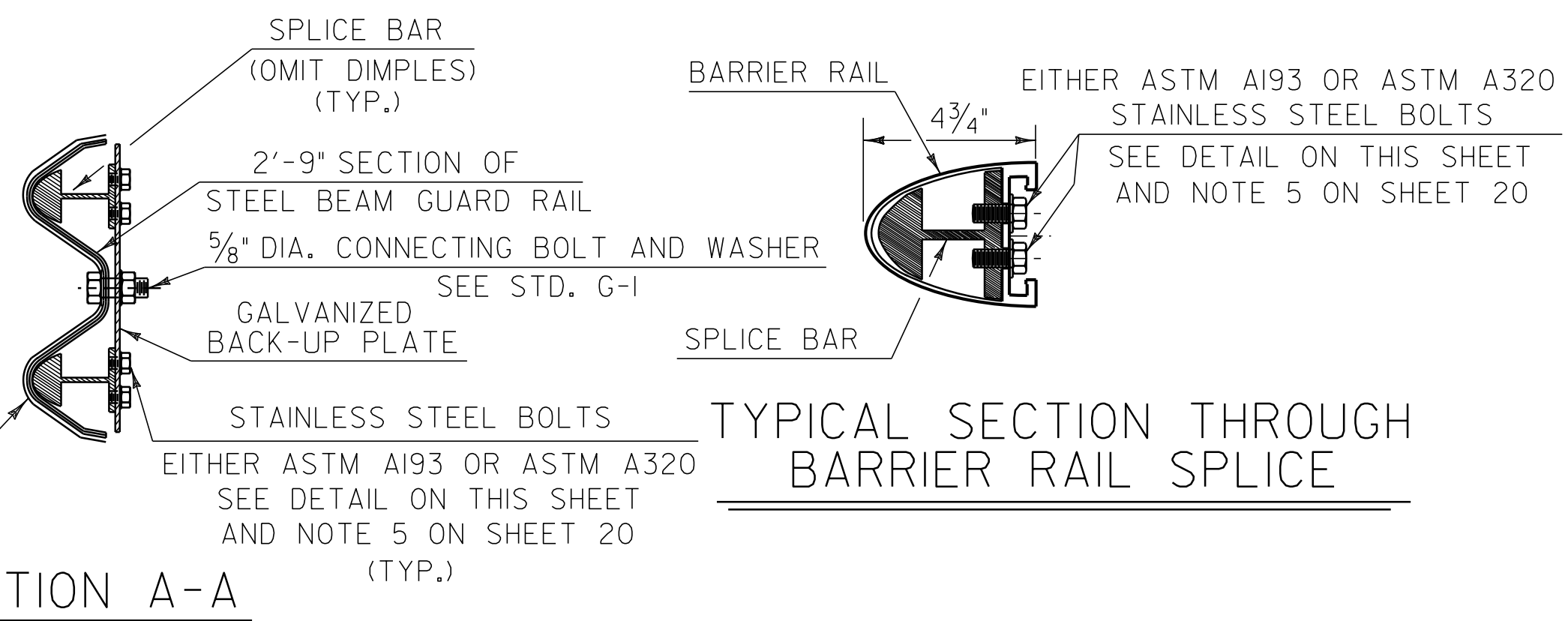
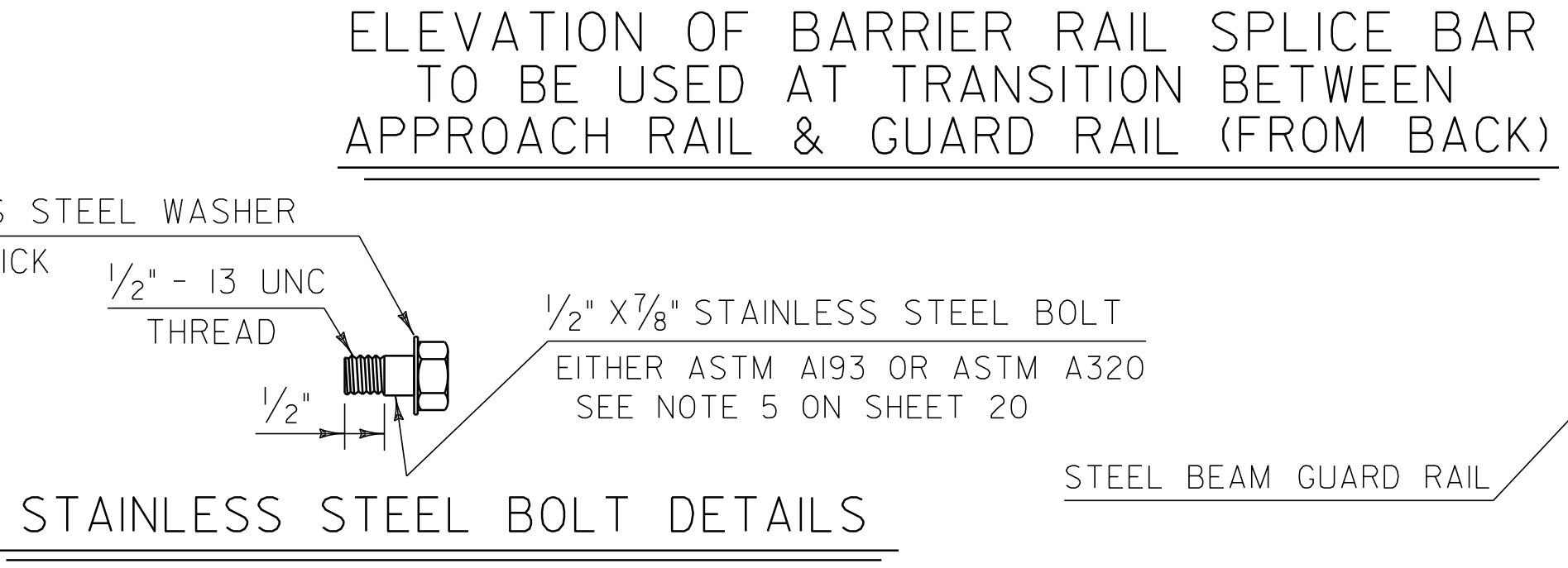
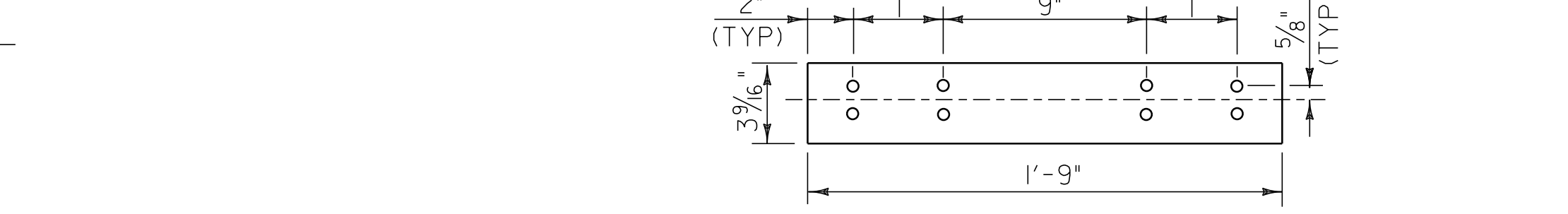
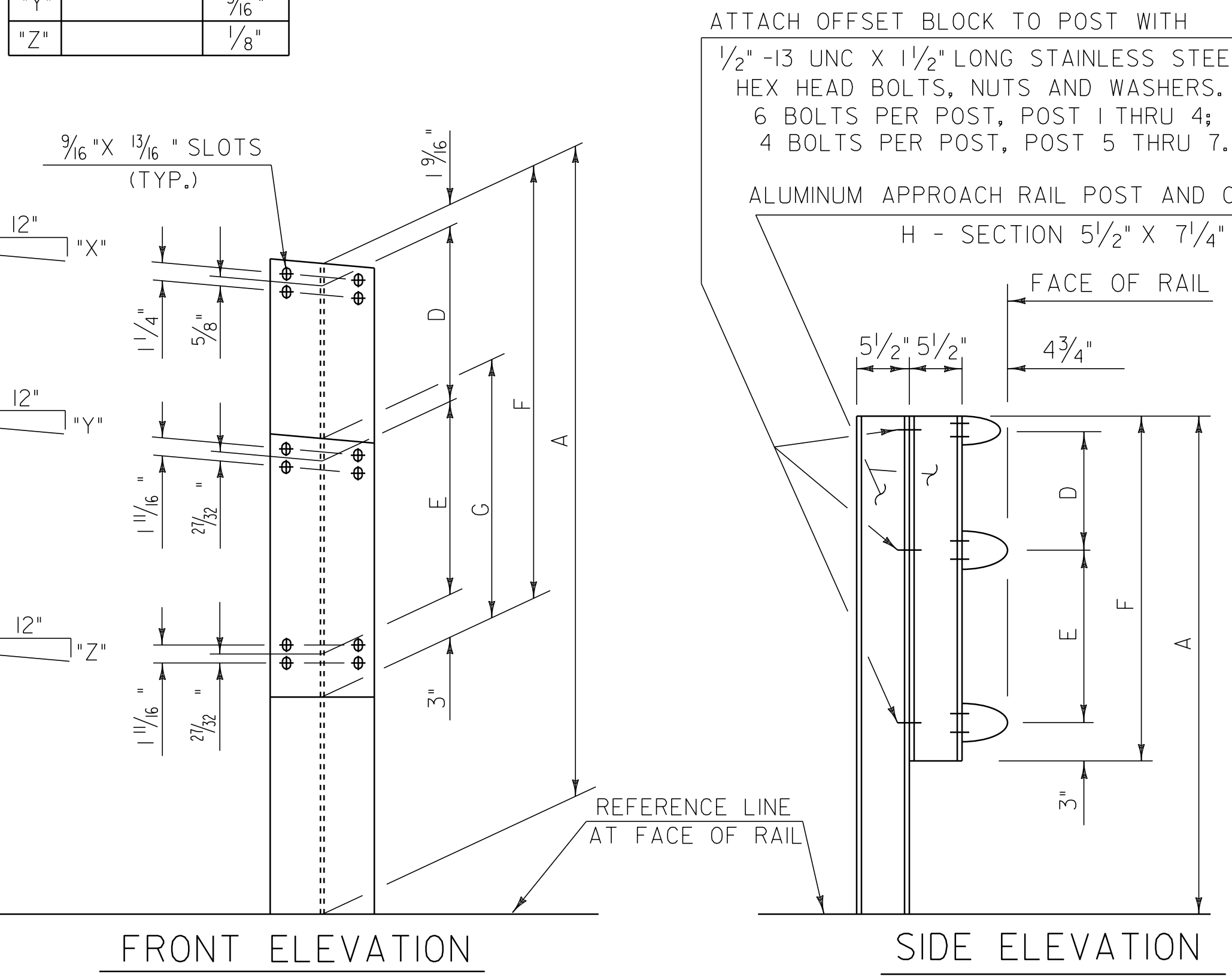
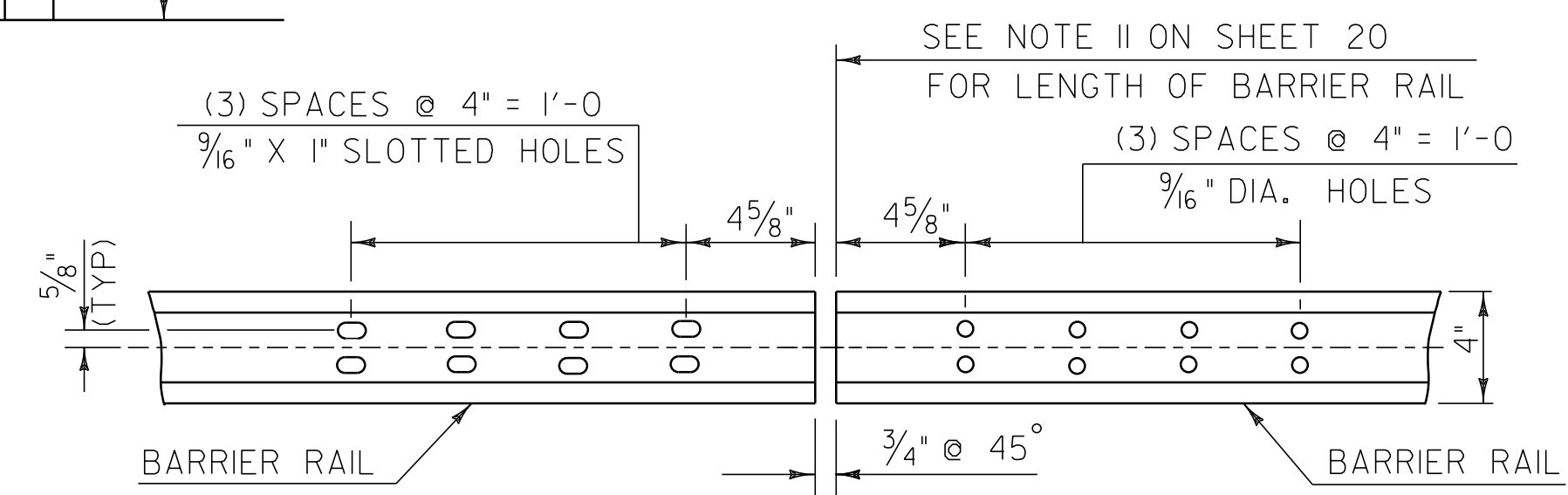
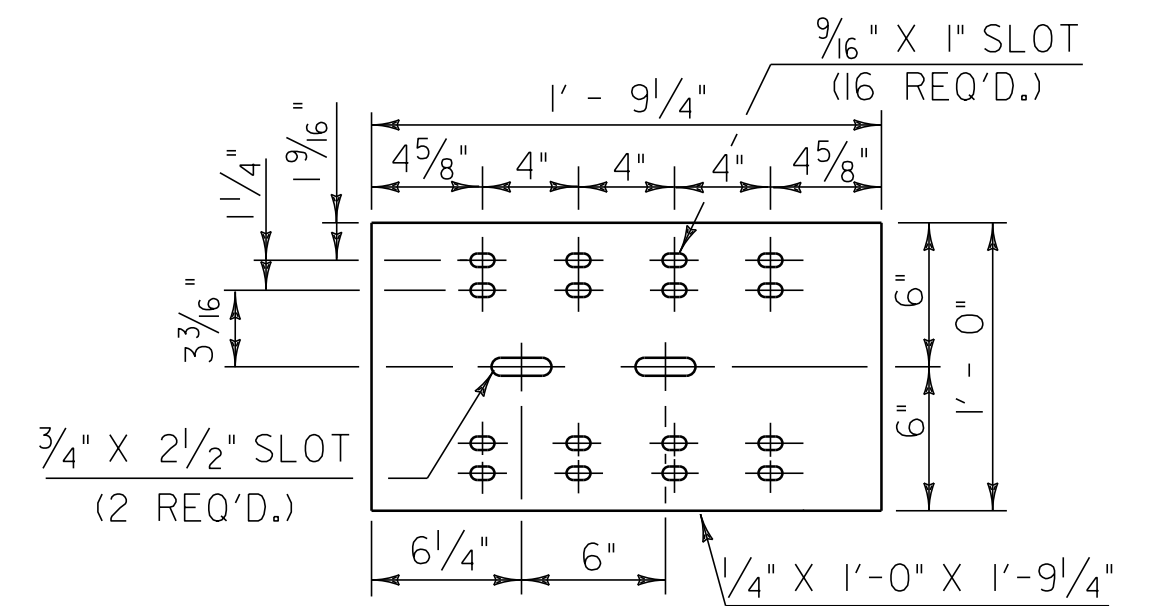
POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	3'-8 1/16"	2'-10 3/8"	1'-9 3/4"	0'-9 1/16"	1'-0 9/16"	2'-2 7/8"	
2	3'-5 13/16"	2'-9 3/8"	1'-9 3/8"	0'-8 7/16"	0'-11 15/16"	2'-1"	
3	3'-3 9/16"	2'-8 3/8"	1'-9"	0'-7 1/4"	0'-11 5/16"	1'-11 1/8"	
4	3'-1 3/8"	2'-7 3/8"	1'-8 5/8"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

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 M270M/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 THIS SHEET AND SHEET 21 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 INCIDENTAL TO ITEM 621.74, ALUMINUM APPROACH RAILING.
 - 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.



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



NOT TO SCALE

**ALUMINUM
APPROACH
RAILING DETAILS 1
BRIDGE 20**

PROJECT NAME: FAIRFAX - ST. ALBANS TOWN	PLOT DATE: 11-OCT-2011 11:49
PROJECT NUMBER: STP 2217(1)	DRAWN BY: K. LOCKE
FILE NAME: p99cl86.dgn	DESIGNED BY: PAVT MGMT
PROJECT LEADER: T. DOMEY	SHEET 20 OF 25
IPARM FILE NAME: p99cl86aard.l	