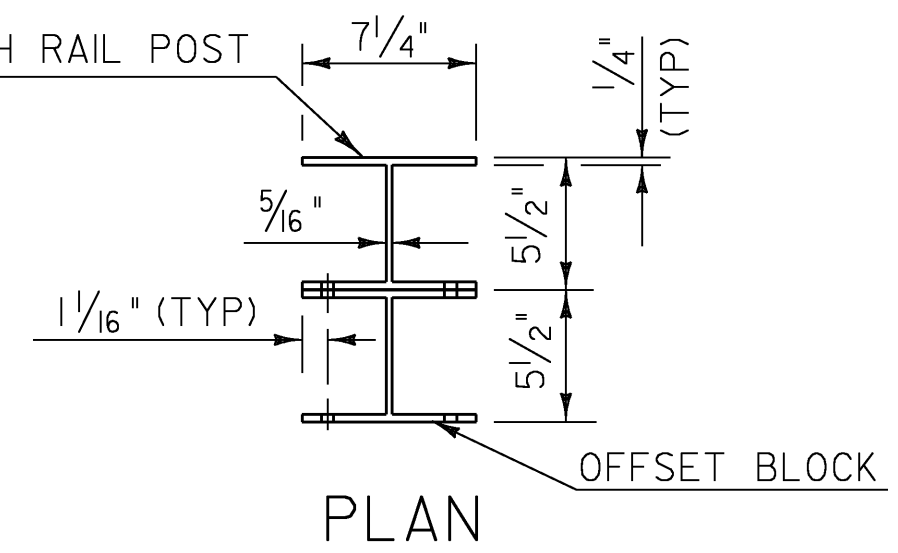


PLAN

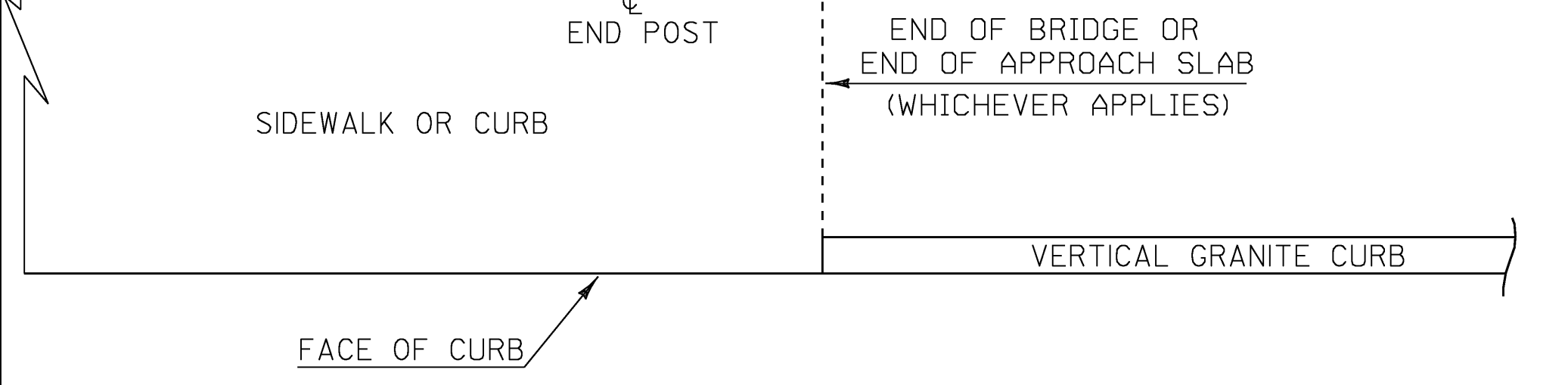
ALUMINUM APPROACH RAIL RAIL DIMENSIONS FOR A CURB CONDITION

POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	3'-4 1/16"	2'-5 3/4"	1'-0 9/16"	0'-11 7/16"	1'-5 1/8"	2'-9 1/8"	
2	3'-2 5/8"	2'-5 5/16"	1'-1 1/16"	0'-9 3/4"	1'-3 3/8"	2'-6 3/16"	
3	3'-0 9/16"	2'-4 7/8"	1'-2 5/16"	0'-8 7/8"	1'-2 5/16"	2'-3 3/16"	
4	2'-10 1/2"	2'-4 1/2"	1'-3 1/4"	0'-6 7/16"	1'-1 1/4"	2'-0 1/4"	
5		2'-3 5/16"	1'-4 3/8"		0'-11 3/16"		1'-4 9/16"
6		2'-3 3/8"	1'-5 9/16"		0'-9 9/16"		1'-2 19/16"
7		2'-2 13/16"	1'-6 3/4"		0'-8 1/16"		1'-1 1/16"



PLAN

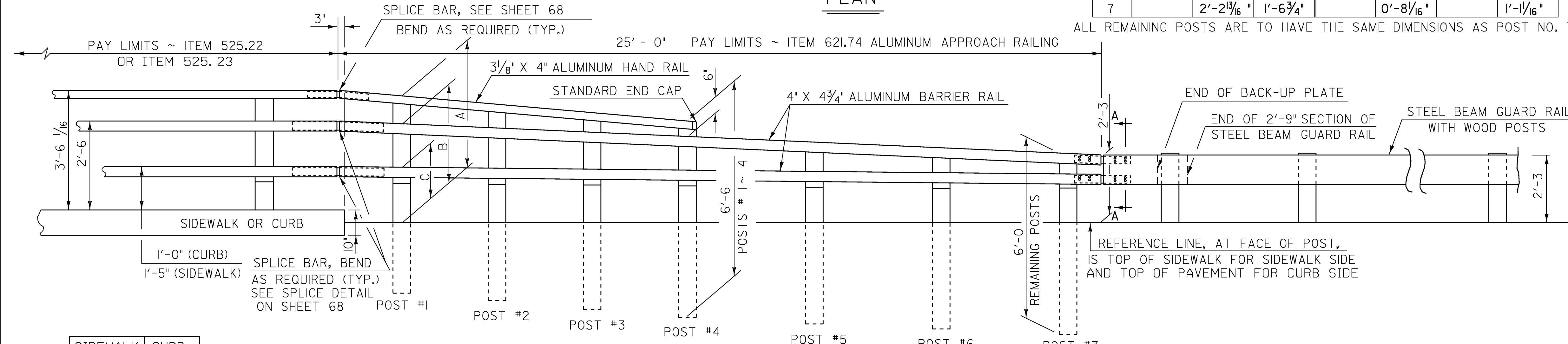
- NOTES**
- POST 1 THROUGH 7 SHALL BE EXTRUDED ALUMINUM.
  - ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 36 GALVANIZED AFTER FABRICATION.
  - ALL ITEMS NOT OTHERWISE INDICATED SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE STANDARD SHEETS ON WHICH THEY ARE DETAILED.
  - SEE STANDARD G-1 FOR STEEL BEAM GUARD RAIL DETAILS. SEE SHEETS 67 AND 68 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.



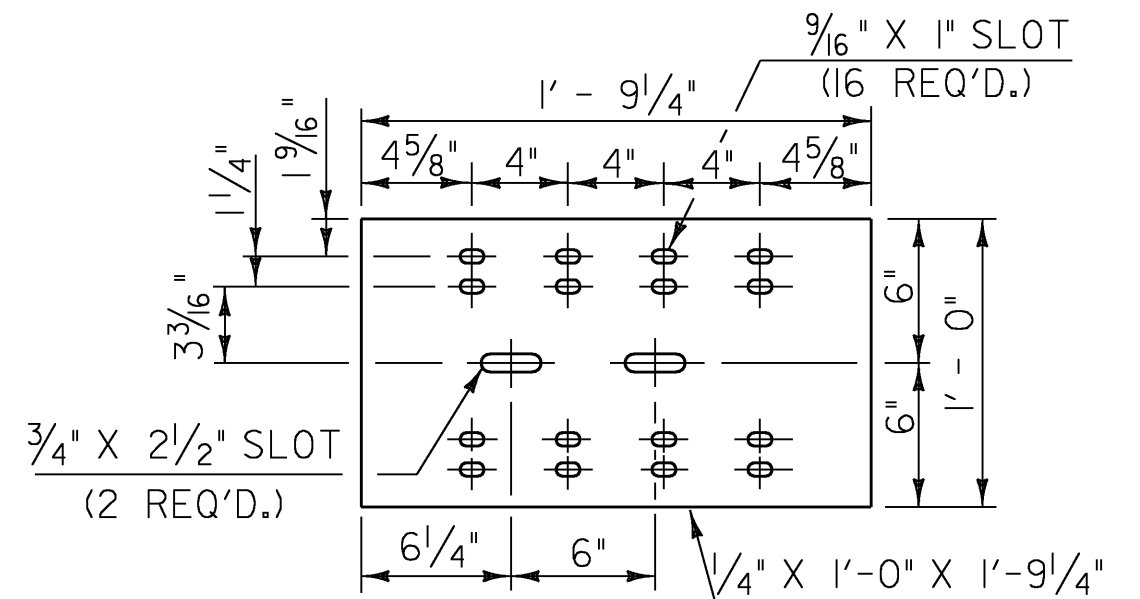
ALUMINUM APPROACH RAIL RAIL DIMENSIONS FOR A SIDEWALK CONDITION

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

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

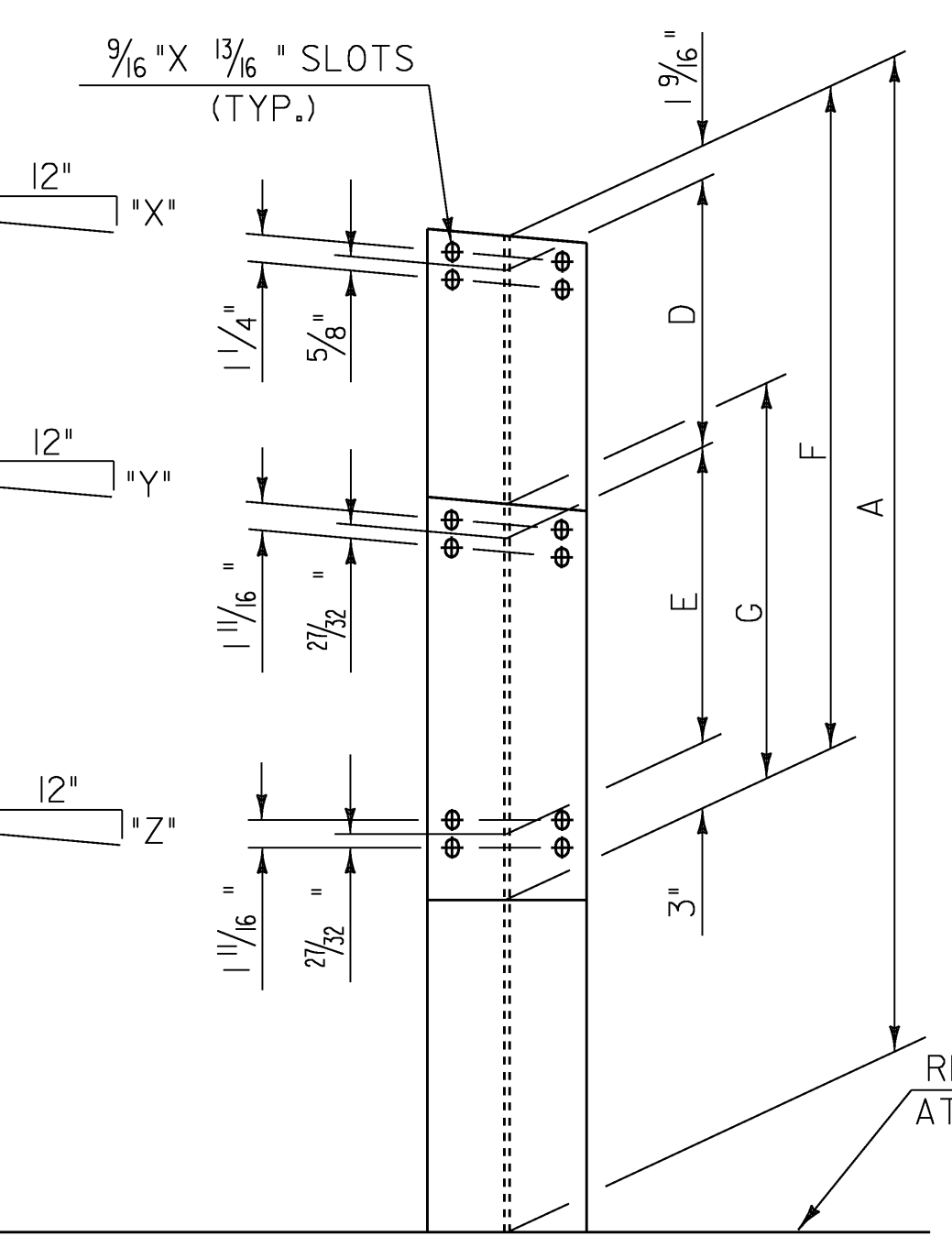


ELEVATION



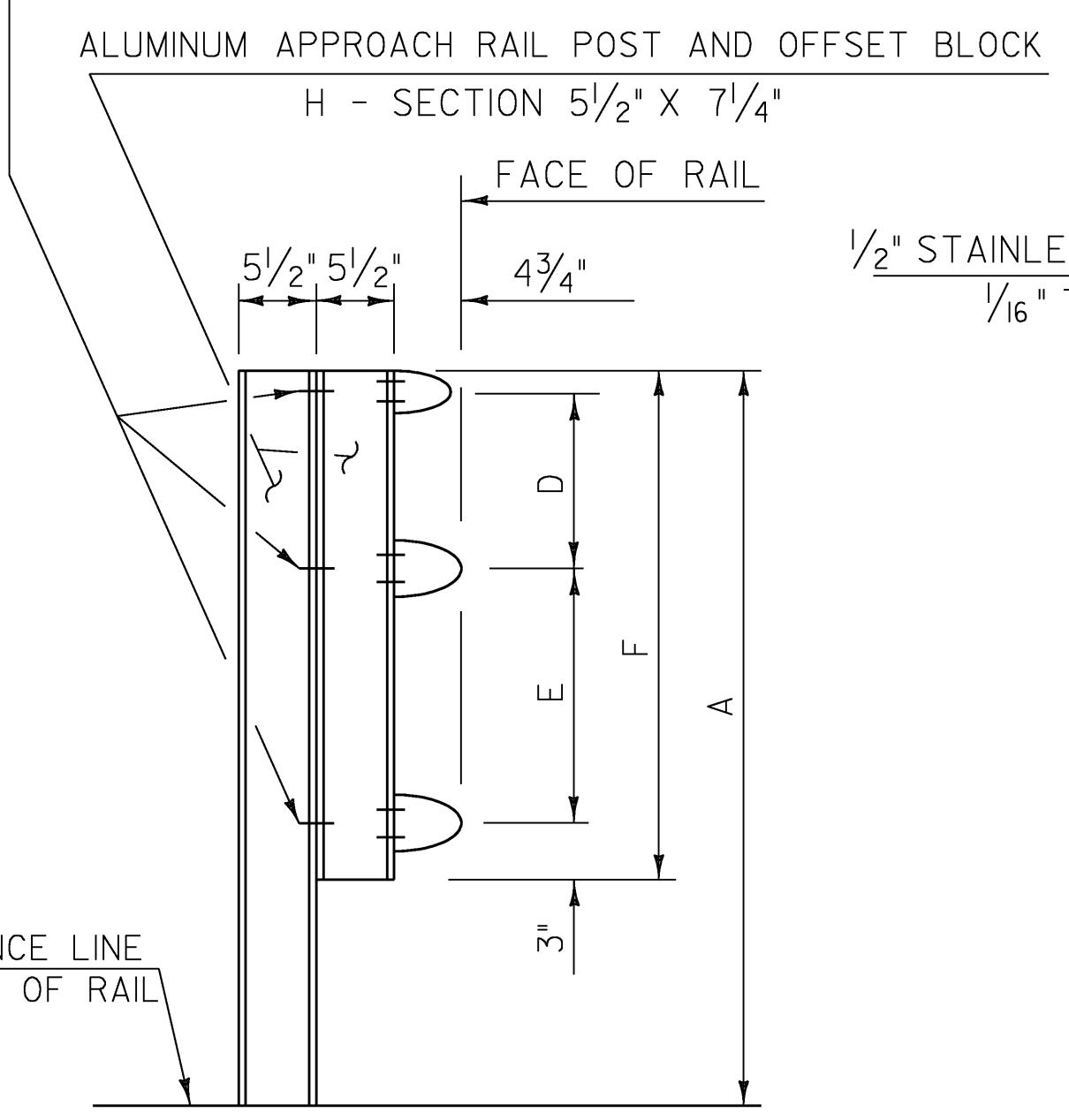
BACK-UP PLATE DETAILS

	SIDEWALK SIDE	CURB SIDE
*X	0'-1 1/16"	0'-1 1/16"
*Y	0'-1 1/8"	0'-1 1/8"
*Z	0'-1 1/16"	-0'-5/16"



FRONT ELEVATION

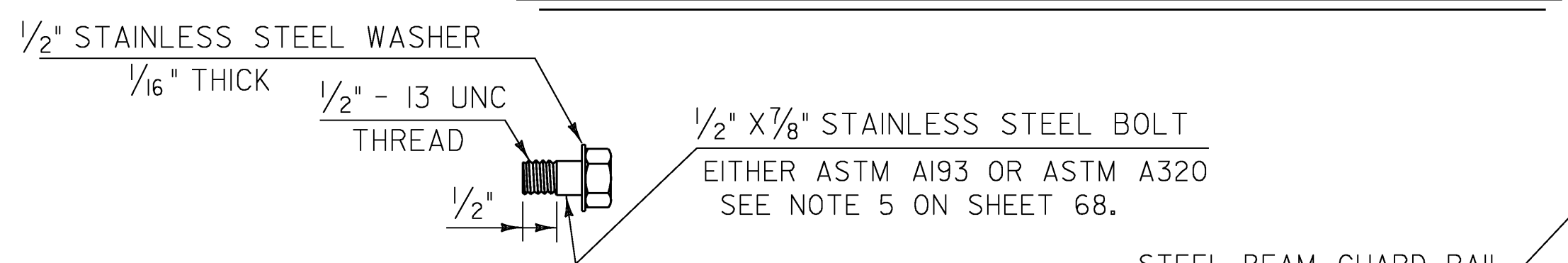
ATTACH OFFSET BLOCK TO POST WITH 1/2"-13 UNC X 1 1/2" LONG STAINLESS STEEL HEX HEAD BOLTS, NUTS AND WASHERS. 6 BOLTS PER POST, POST 1 THRU 4; 4 BOLTS PER POST, POST 5 THRU 7.



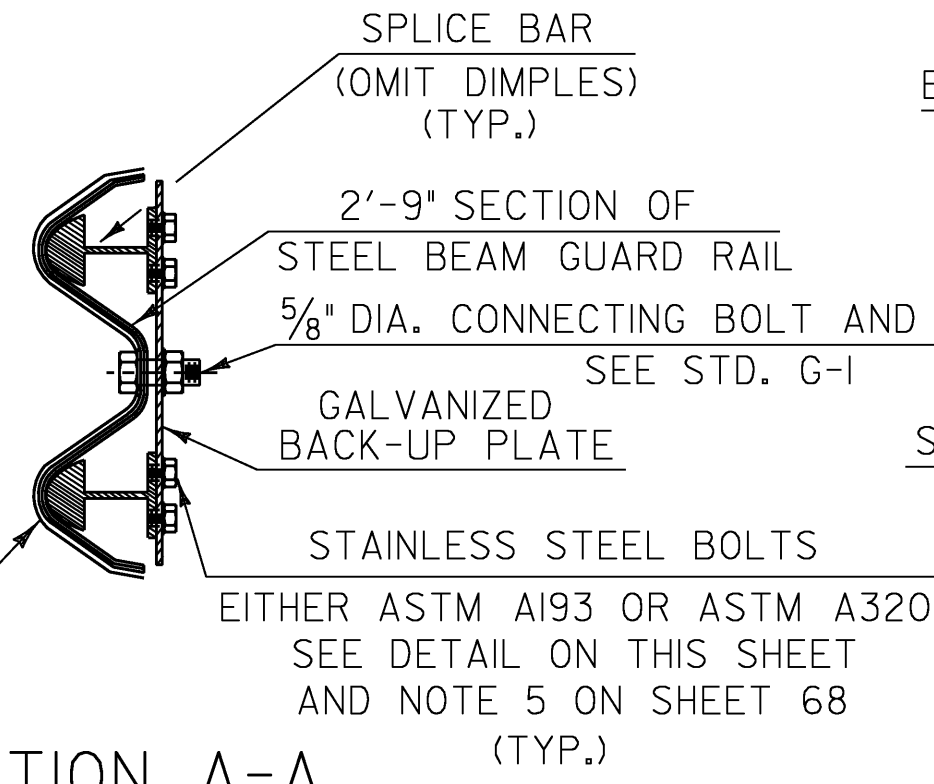
SIDE ELEVATION

APPROACH RAIL DETAILS

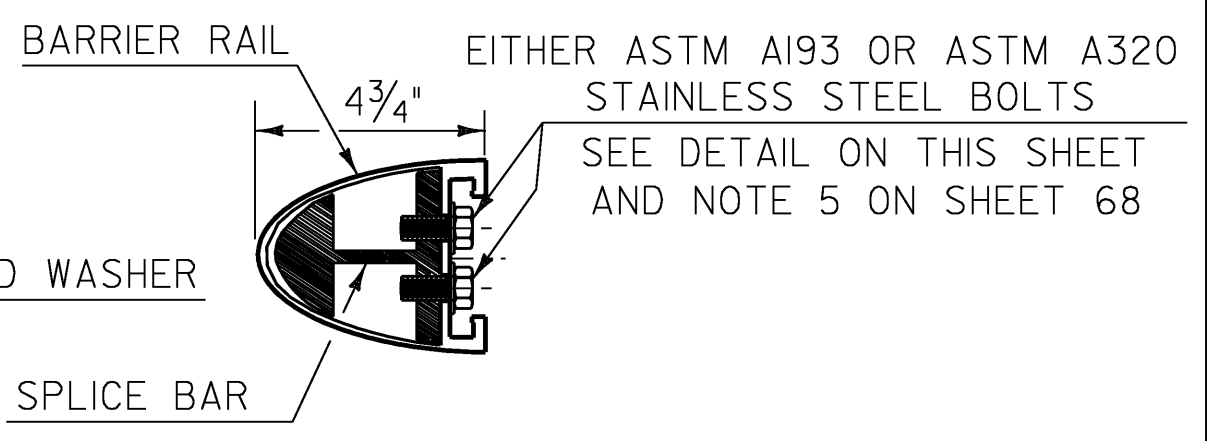
ELEVATION OF BARRIER RAIL SPLICE BAR TO BE USED AT TRANSITION BETWEEN APPROACH RAIL & GUARD RAIL (FROM BACK)



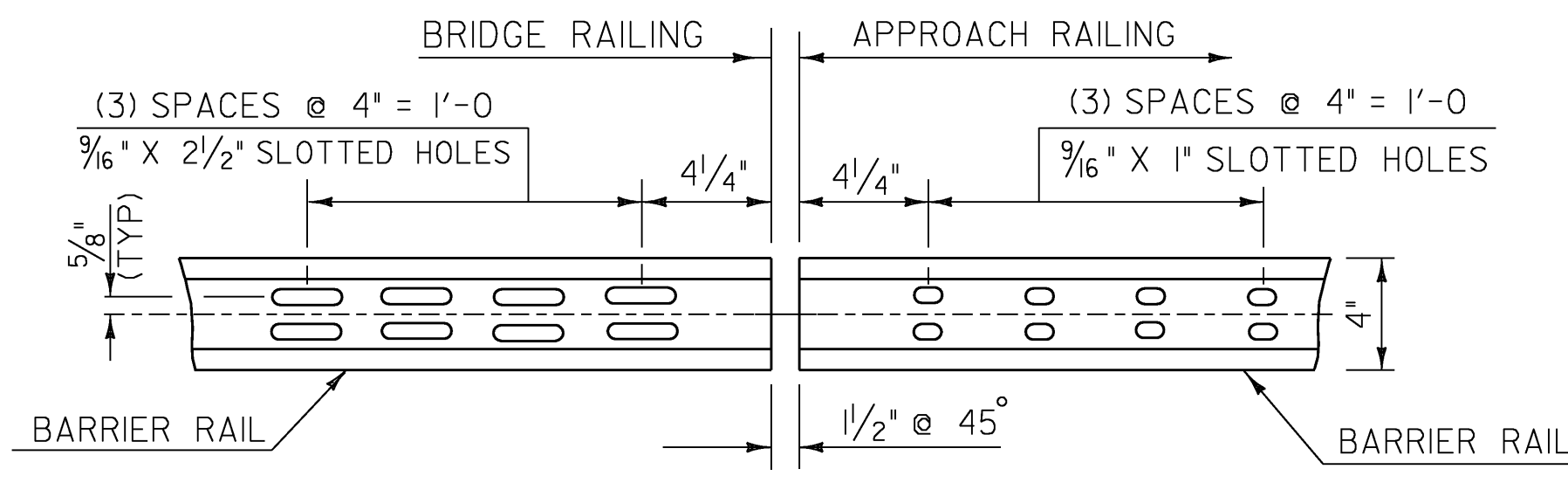
STAINLESS STEEL BOLT DETAILS



SECTION A-A



TYPICAL SECTION THROUGH BARRIER RAIL SPLICE



ELEVATION OF BARRIER RAIL (FROM BACK)

ALL DRAWINGS NTS

APPROACH RAIL DETAILS

PROJECT NAME:	WILLIAMSTOWN	PLOT DATE:	07-APR-2008
PROJECT NUMBER:	BRS 0204(4)	DRAWN BY:	U. STANLEY
FILE NAME:	sellbrldger.dgn	DESIGNED BY:	U. STANLEY
PROJECT LEADER:	M. EVANS-MONGEON	CHECKED BY:	EVANS-MONGEON
IPARM:	s83ellr.dgn	SHEET:	66 OF 108