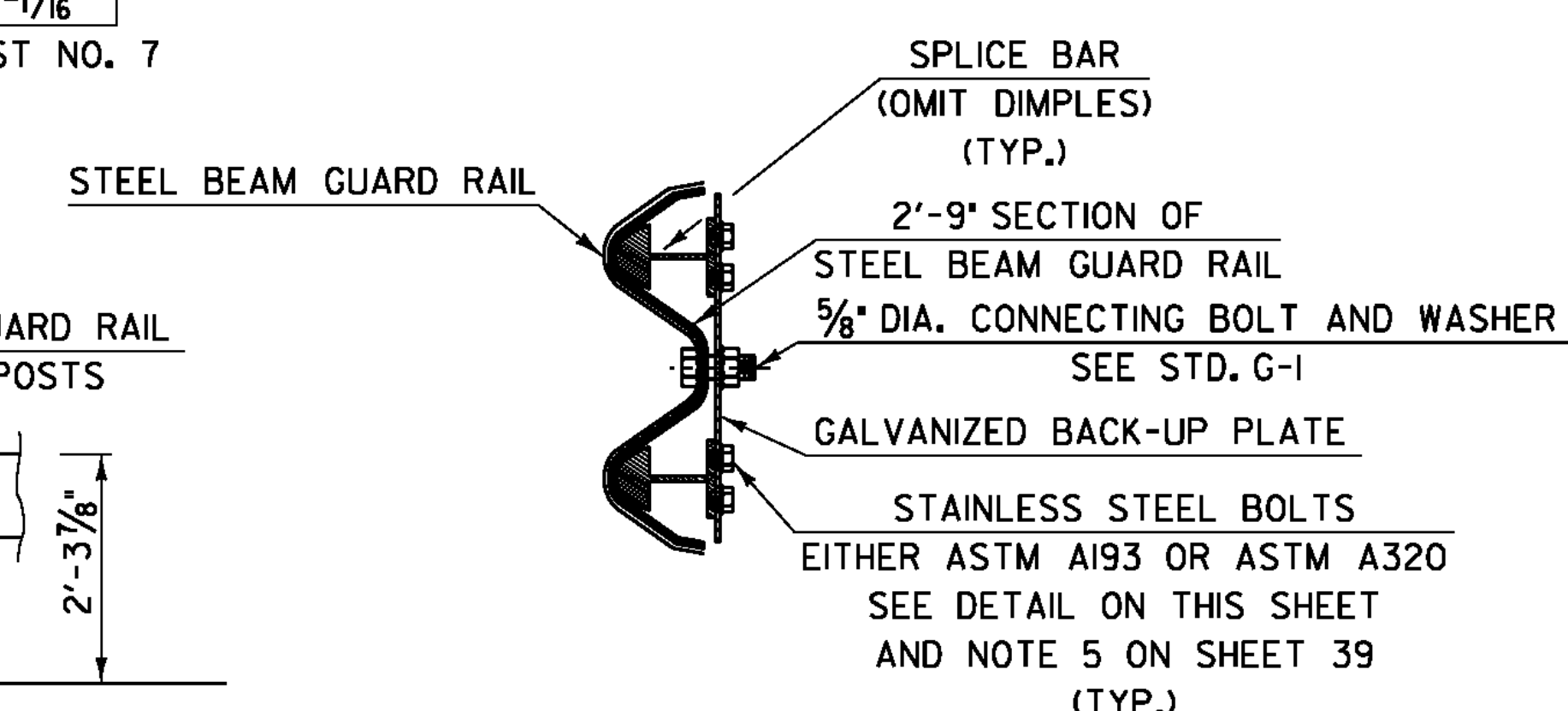
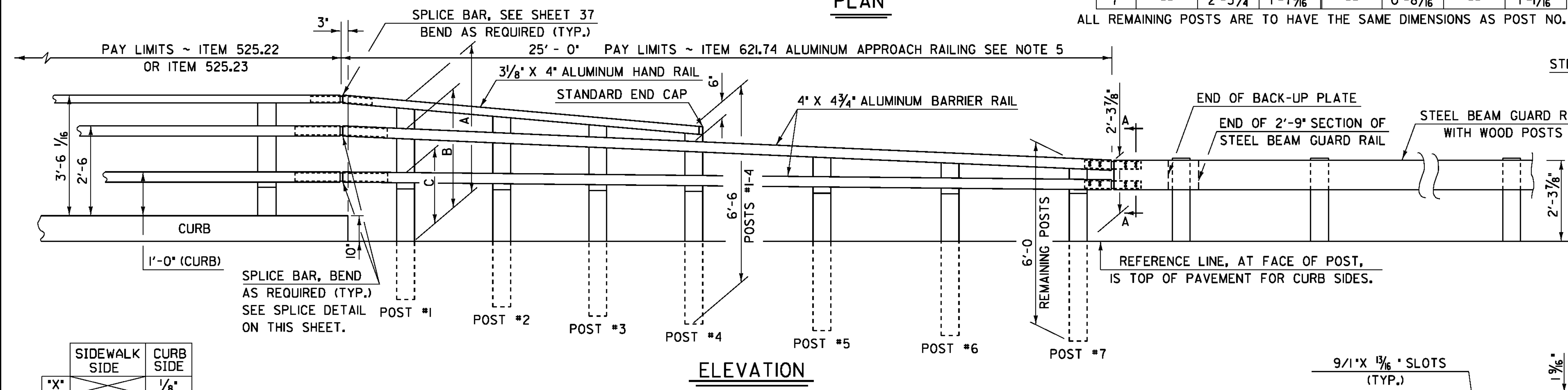


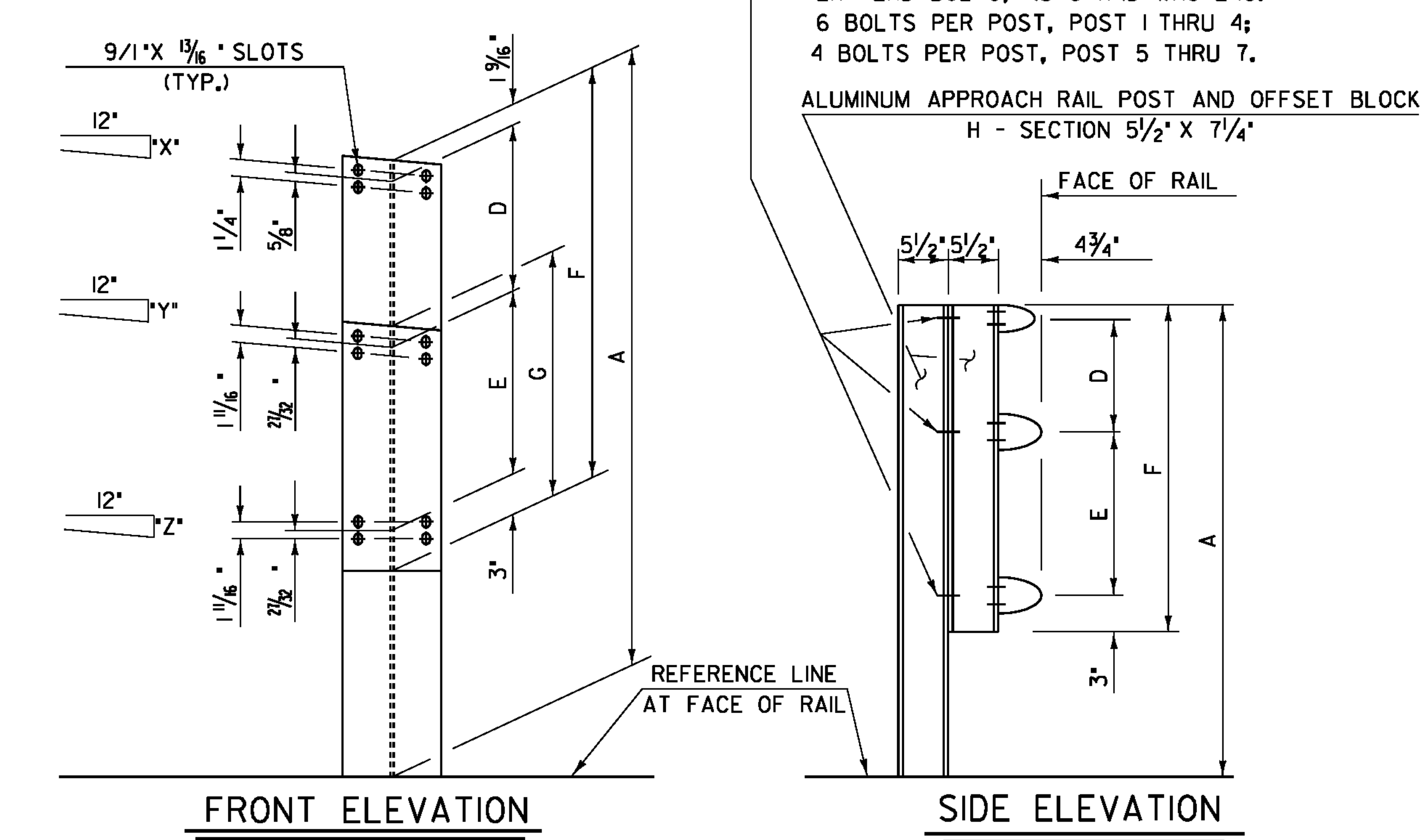
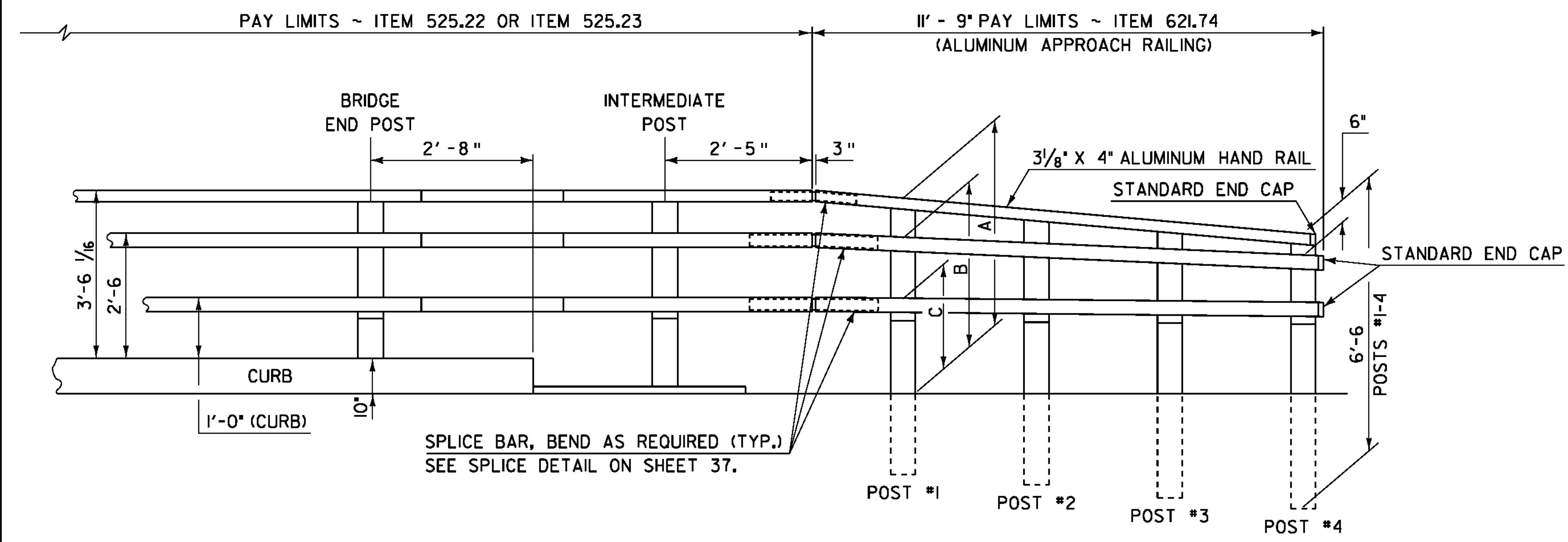
**ALUMINUM APPROACH RAIL  
RAIL DIMENSIONS FOR A CURB CONDITION**

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

- 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 37 AND 38 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.
  - 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"	1/8"
Y"	9/16"
Z"	1 1/16"



**ELEVATION AT END BRIDGE-LEFT**

**APPROACH RAIL DETAILS**

**NOTE: DETAILS IN ENGLISH UNITS**

PROJECT: <b>EAST MONTEPELIER</b>	PROJECT NO. # <b>BRF 037 - 2 (8)</b>
DESIGN FILE NAME: 86e054\Structures\se054rail.dgn	PLOT DATE: 18-AUG-2010
IPARM FILE NAME: raildet1.i	DRAWN BY: D.D. BEARD
DESIGNED BY: L.J. STONE	CHECKED BY: H. I. SALLS
SQUAD LEADER: C.P. WILLIAMS	ALUMINUM RAILING DETAILS I
	SHEET: 36 OF 63