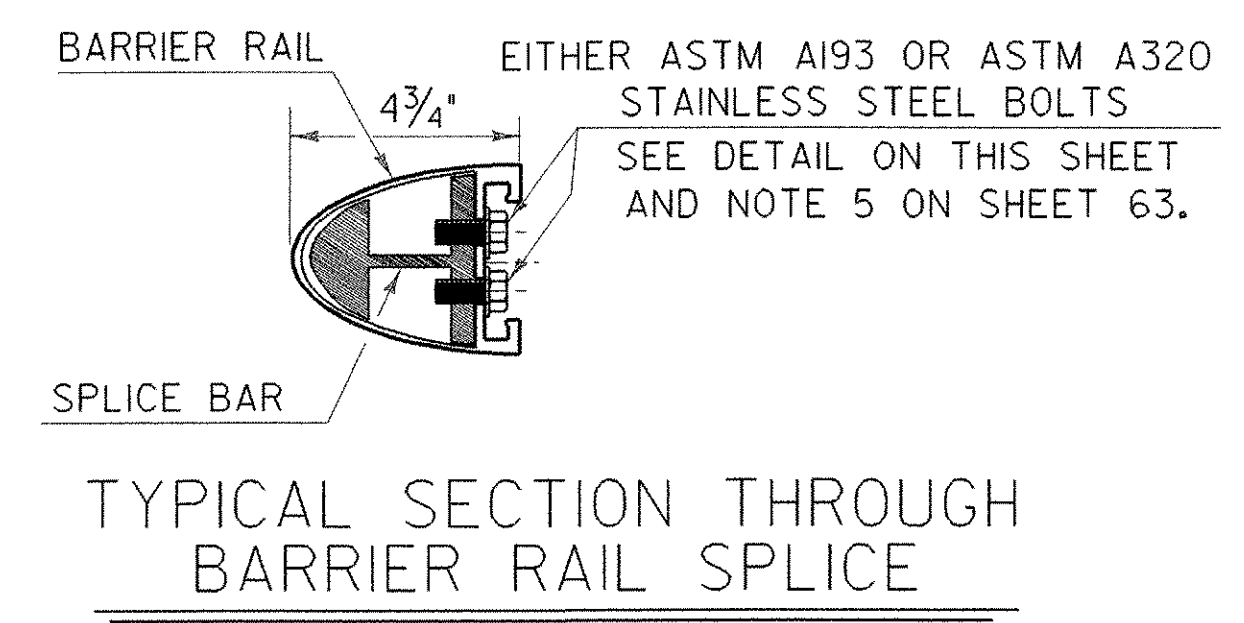
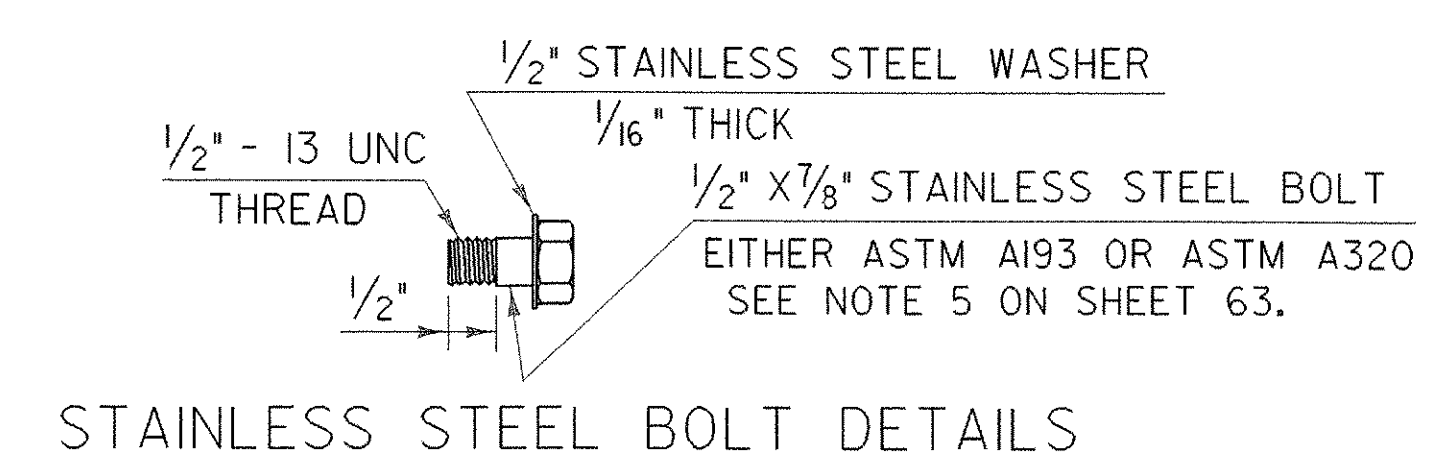
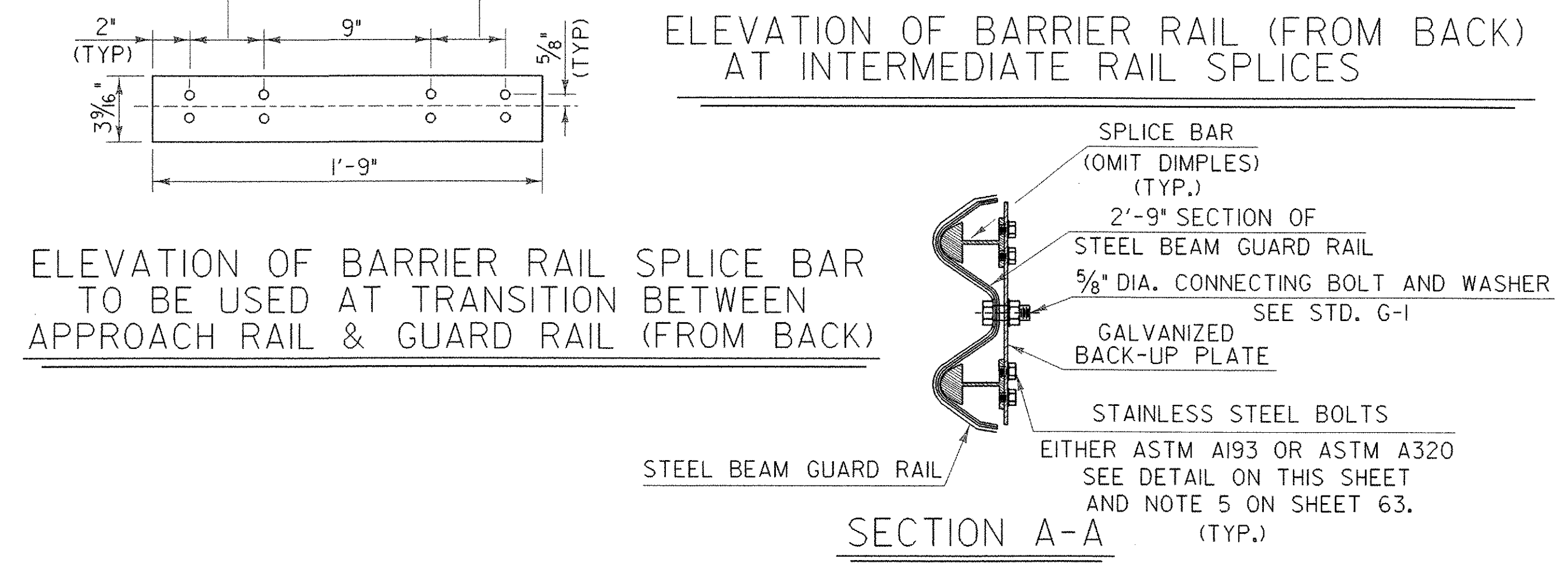
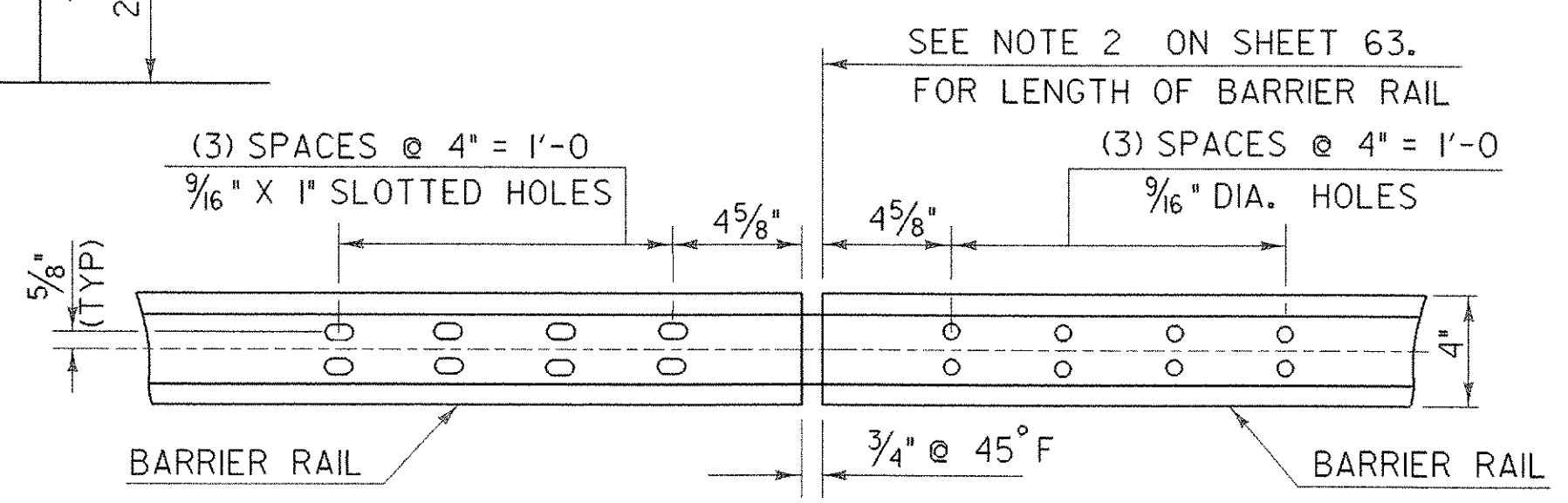
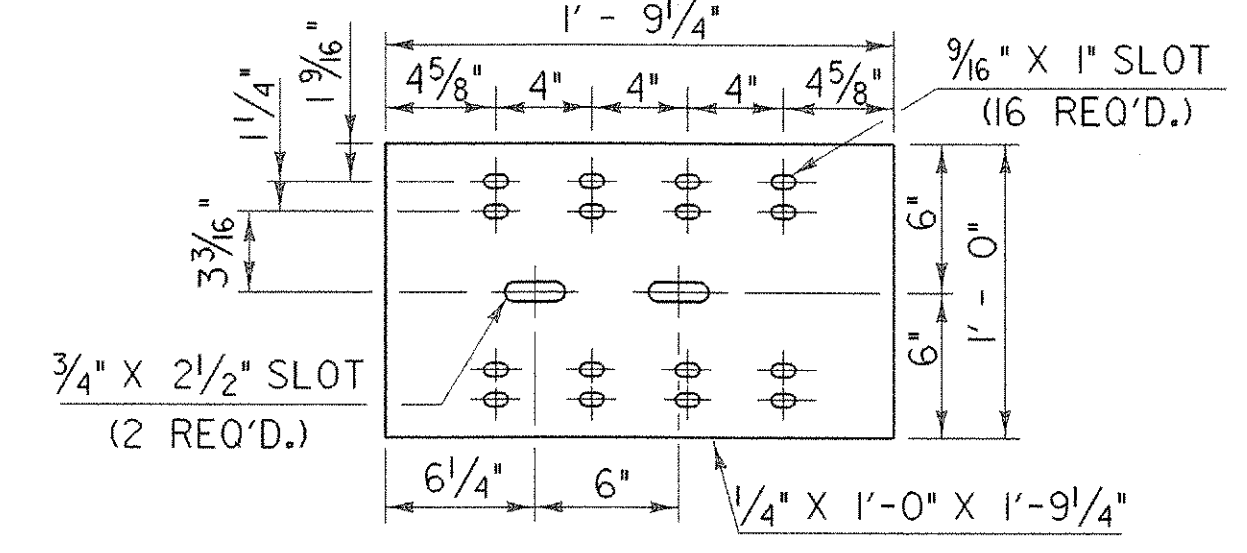


ALUMINUM APPROACH RAIL RAIL DIMENSIONS FOR A CURB CONDITION

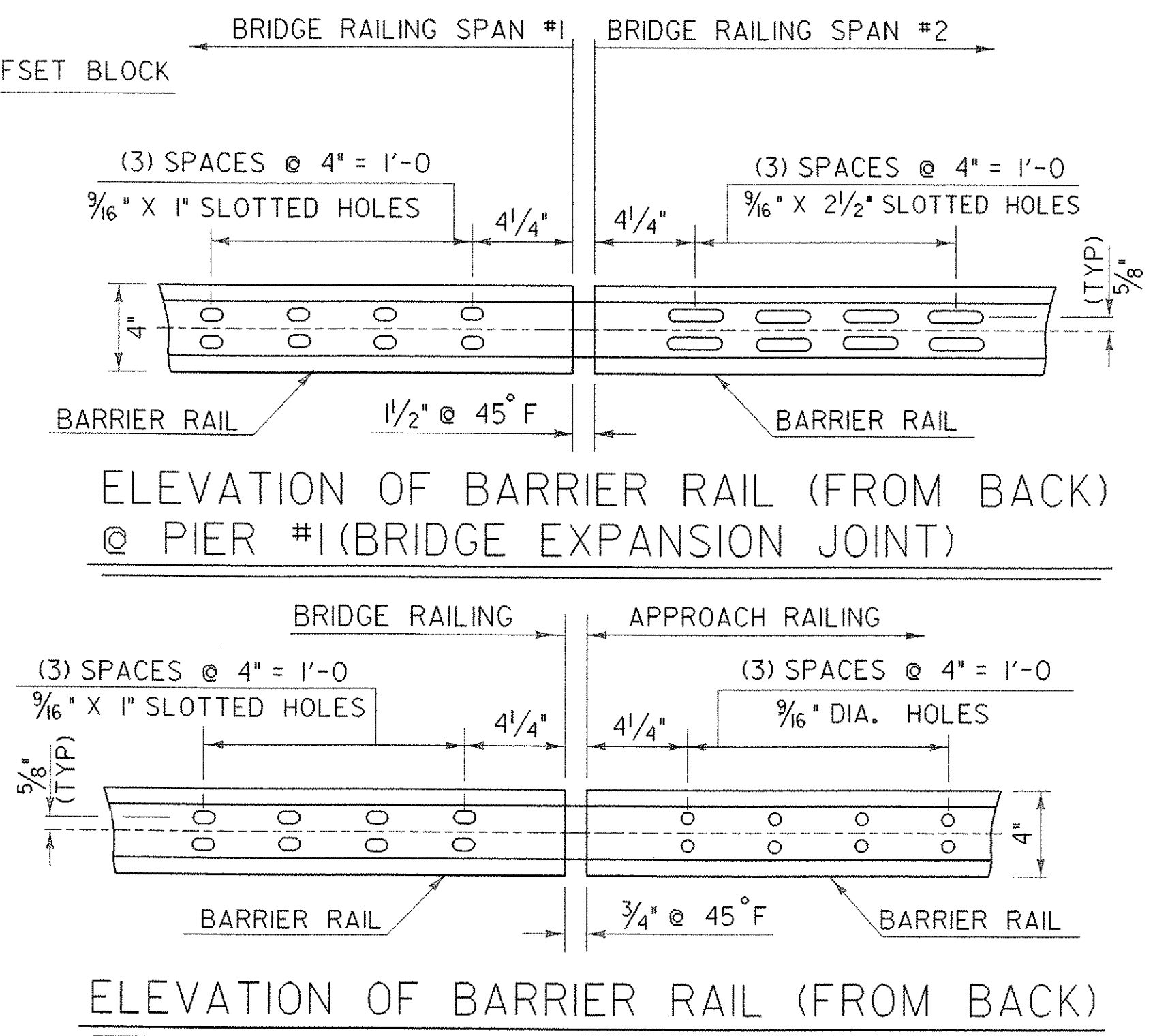
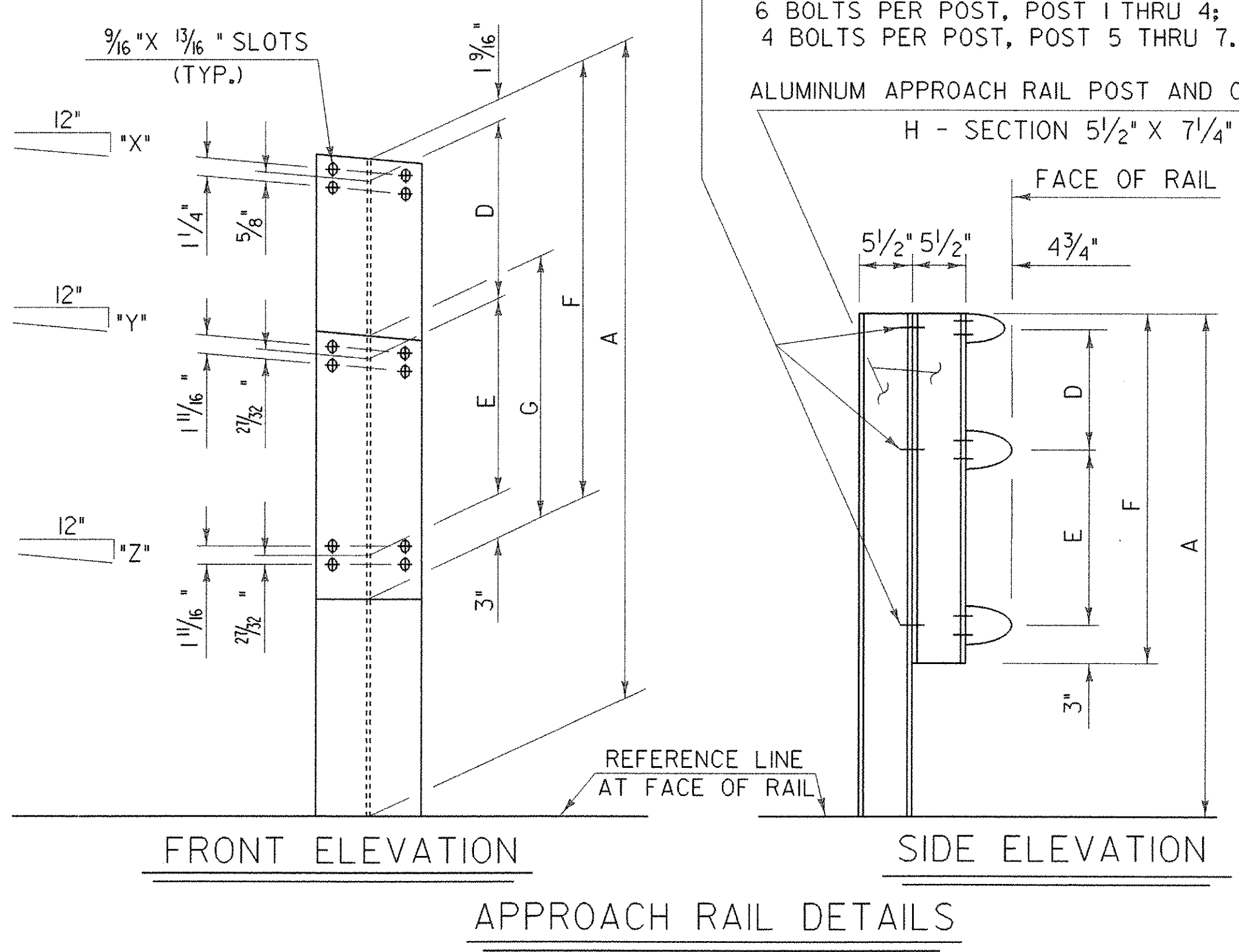
POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	4' - 1 1/8"	3' - 2 5/16"	1' - 9 3/4"	11 3/16"	1' - 5 1/8"	2' - 9 1/8"	X
2	3' - 1 0 1/16"	3' - 1 1/4"	1' - 9 3/8"	9 3/4"	1' - 3 3/8"	2' - 6 3/16"	X
3	3' - 7 1/4"	2' - 11 9/16"	1' - 9"	8 1/8"	1' - 2 3/8"	2' - 3 3/16"	X
4	3' - 3 3/16"	2' - 9 5/16"	1' - 8 1/16"	6 7/16"	1' - 1 1/4"	2' - 0 1/4"	X
5	X	2' - 7 1/16"	1' - 8 3/16"	X	11 9/16"	X	1' - 4 9/16"
6	X	2' - 5 1/2"	1' - 7 1/16"	X	9 3/16"	X	1' - 2 3/16"
7	X	2' - 3 1/4"	1' - 7 3/16"	X	8 1/16"	X	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 62 AND 63 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 (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.



SIDEWALK SIDE	CURB SIDE
*X*	1/8"
*Y*	3/16"
*Z*	1 1/16"



PROJECT: HARTFORD	PROJECT NO.: BRO-BTN 2004 (1)
DESIGN FILE NAME: sj045/structures/sj045rail.dgn	PLOT DATE: 11-FEB-2005
IPARM FILE NAME: sj045rail.i	DRAWN BY: M. LONGSTREET
DESIGNED BY: K. M. HIGGINS	CHECKED BY: K. M. HIGGINS
SQUAD LEADER: C. P. WILLIAMS	SHEET: 57 OF 97