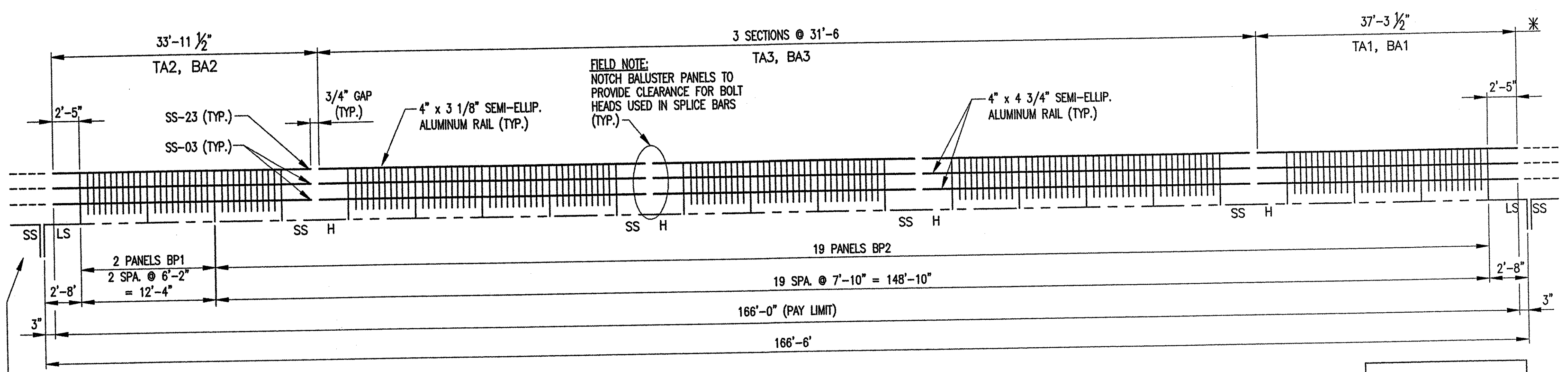


BILL OF MATERIAL

Mark	Total Quan.	Desc.	Th./Dia in.	Width in.	Length Ft.	Length in.	Remarks
P-301-K(MOD)	22	POST Consisting of:					Sidewalk Side
pe1	22	EXTRUDED POST STEM			3	5 3/16	Modified
be1	22	EXTRUDED POST BASE		10 3/4		10 3/4	
rv1	132	RIVET	7/8			2 3/8	Button Hd, Cone pt., Cold Driven
CB-03-A	88	CLAMP BAR				7 1/8	@ Barrier Rail
FB1	176	BOLT, HEX HD.	1/2			1	
FW1	176	WASHER	3/32	1 1/16	17/32		
CB-01-B	44	CLAMP BAR				7 1/8	@ Handrail
FB1	88	BOLT, HEX HD.	1/2			1	
FW1	88	WASHER	3/32	1 1/16	17/32		
AB1	110	ANCHOR ROD	3/4			10	Roll or Cut Threads
AN1	330	NUT, HEX	3/4				
AW1	110	WASHER	1/8	2	13/16		
AP1	22	ANCHOR PLATE	1/8	8 5/8		10 1/8	See Notes - LB1
EP1	22	PAD, ELASTOMERIC	1/8	10 3/4		10 3/4	
SS23	4	SPLICE SLEEVE EXTRUSION			2	0	
sp	4	PIN	1/4			3/4	Press Fit
SS-03	8	SPLICE SLEEVE EXTRUSION			3	0	
FB2	128	BOLT, HEX WASHER FACED, PRTL. THRD	1/2			1	Partial Thd., Washer-faced bolt or tack weld washer to bolt.
TA1	1	RAIL - 3 1/8" x 4"	3 1/8	4	37	3 1/2	See LB2
TA2	1	RAIL - 3 1/8" x 4"	3 1/8	4	33	11 1/2	See LB2
TA3	3	RAIL - 3 1/8" x 4"	3 1/8	4	31	6	See LB2
BA1	2	RAIL - 4" x 4 3/4"	4	4 3/4	37	3 1/2	See LB2
BA2	2	RAIL - 4" x 4 3/4"	4	4 3/4	33	11 1/2	See LB2
BA3	6	RAIL - 4" x 4 3/4"	4	4 3/4	31	6	See LB2
BP1	2	BALUSTER PANEL ASSEMBLY			5	5 1/2	See LB3
tb1	2	TOP RAIL EXTRUSION			5	5 1/2	
bb1	2	BOTTOM RAIL EXTRUSION			5	5 1/2	
b1	18	BALUSTER	1/8	1 1/2	3	2	3'-1 3/4" Finished lgth after Crimping 1-End
br1	18	PULL MANDREL BLIND RIVET	1/4				
SS1	10	STNL. STL. SET SCREW	1/4			1/2	
BP2	19	BALUSTER PANEL ASSEMBLY			7	1 1/2	See LB3
tb2	19	TOP RAIL EXTRUSION			7	1 1/2	
bb2	19	BOTTOM RAIL EXTRUSION			7	1 1/2	
b1	228	BALUSTER	1/8	1 1/2	3	2	3'-1 3/4" Finished lgth after Crimping 1-End
br1	228	PULL MANDREL BLIND RIVET	1/4				
SS1	114	STNL. STL. SET SCREW	1/4			1/2	

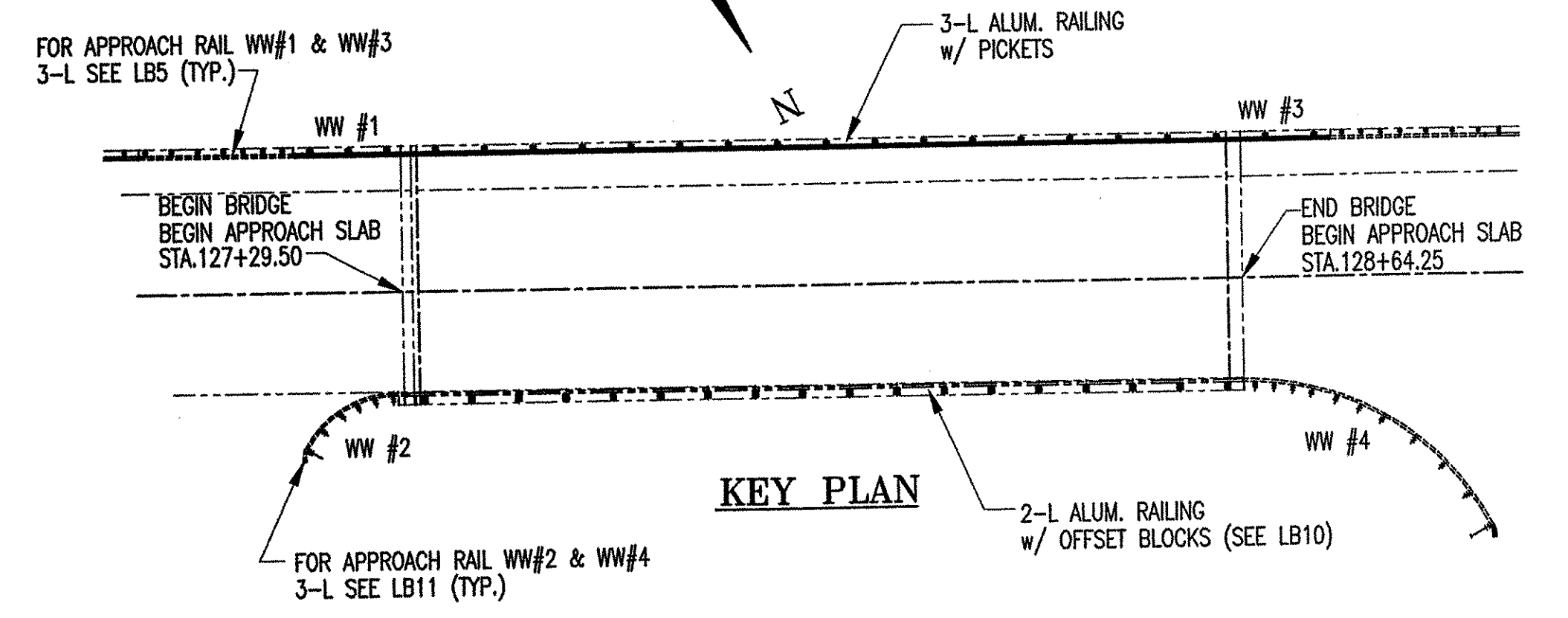
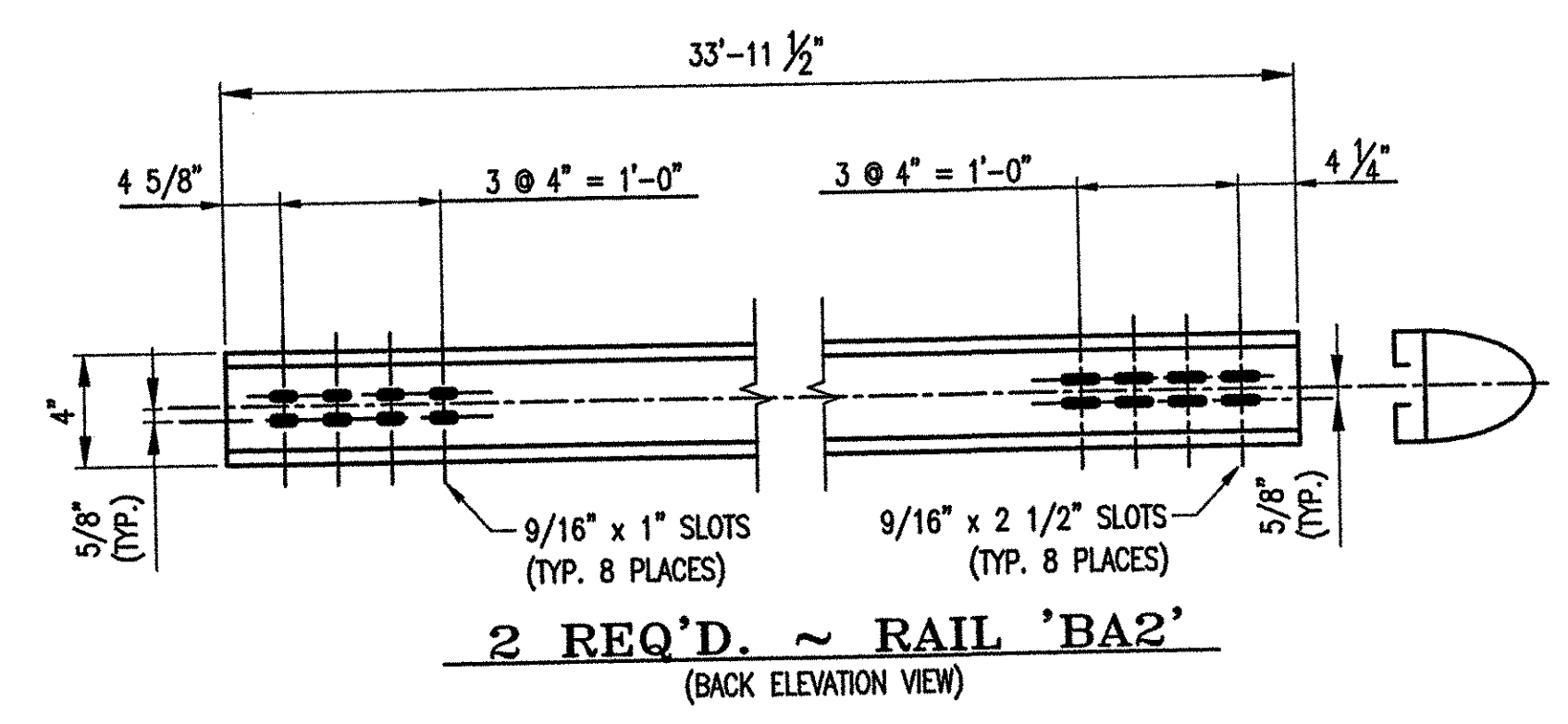
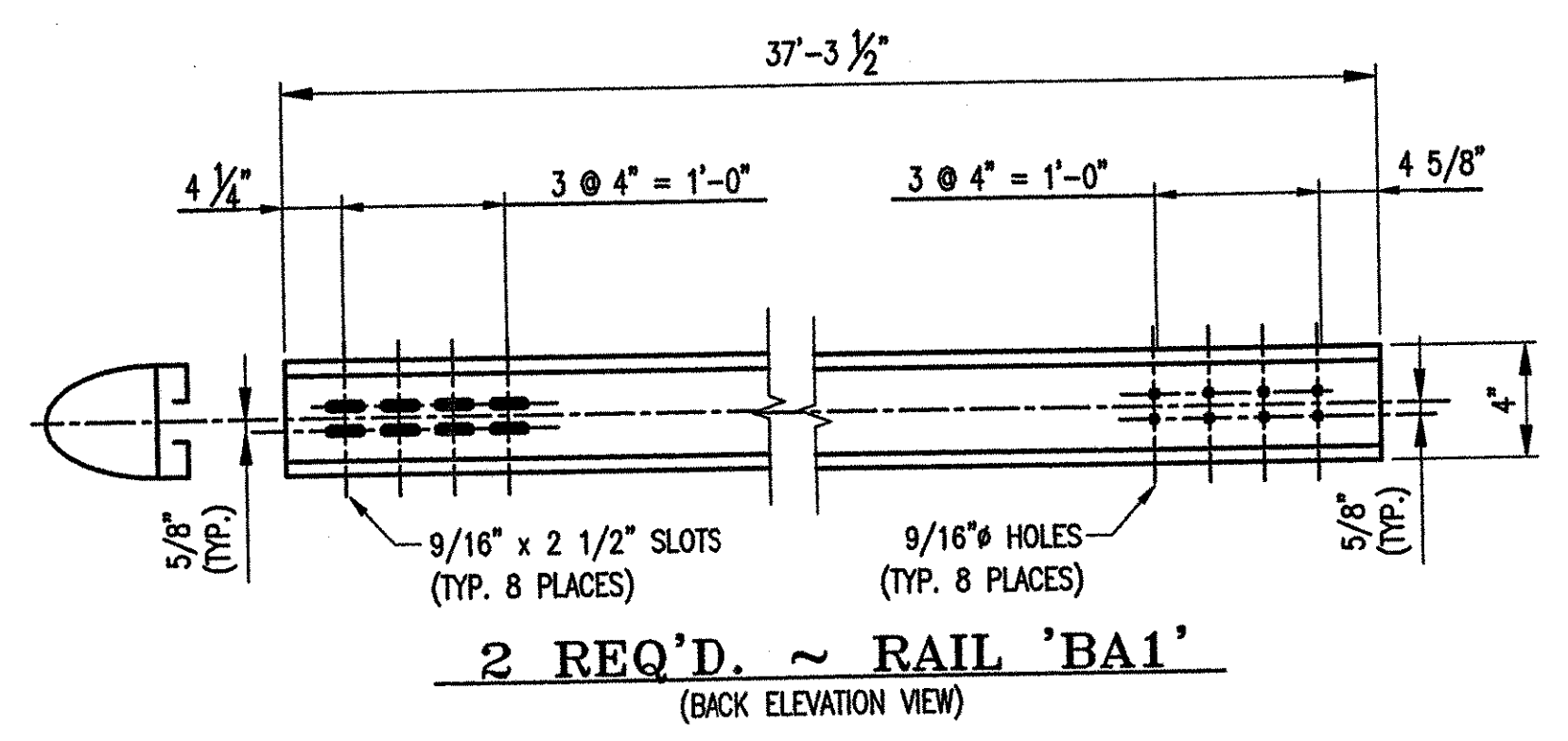
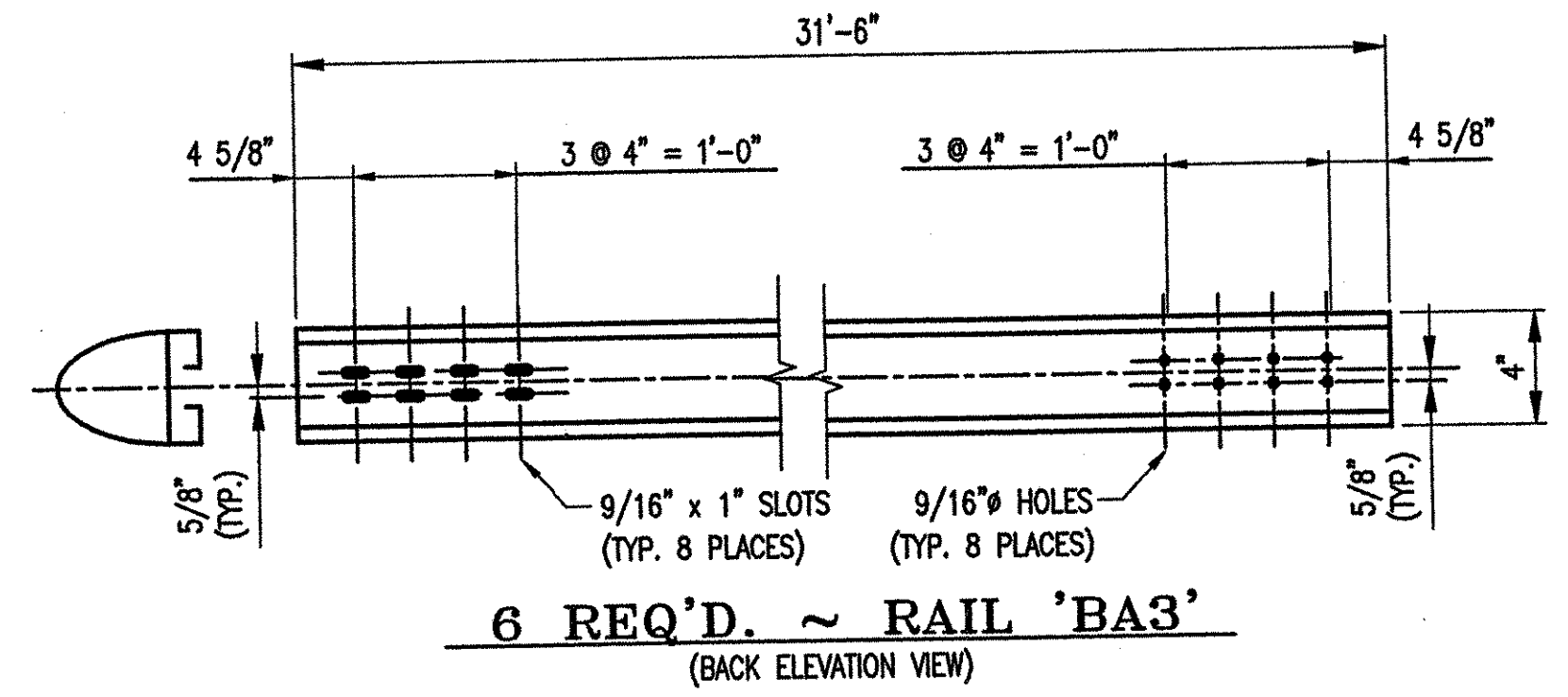


APPROACH RAIL SEE SHEET STARTING w/LB4 ~ (SPLICES BILLED OUT ON APPR. SHEETS) (TYP.)

INSIDE ELEVATION ~ SOUTH RAIL

- NOTE:
- THIS CONTRACT IS BASED UPON THE CONTRACTOR SETTING AND SPACING THE ANCHOR BOLTS TO THE MEASUREMENTS SHOWN ON THE APPROVED SHOP DRAWINGS. THE L.B. FOSTER CO. WILL NOT BE RESPONSIBLE FOR WORK NECESSITATED BY ANY OTHER SETTING AND SPACING.
 - THIS DRAWING IS NOT TO SCALE.
 - FOR GENERAL NOTES AND TYPICAL DETAILS SEE DRAWING LB1.
 - LENGTH OF RAILING ON THIS SHEET IS 166 LF PAY LENGTH.
 - POST SPACING IS MEASURED HORIZONTALLY.
 - SPLICE GAP AT SLEEVE = 3/4" TYP.
 - RAIL LENGTHS DO NOT INCLUDE GAPS.
 - COMPENSATION FOR VERTICAL CURVE IS NOT NECESSARY.
 - FOR BALUSTER DETAILS SEE DRAWING LB3.

H = HOLE SIDE
SS = SHORT SLOTTED SIDE
LS = LONG SLOTTED SIDE



VT
RECEIVED
OK'D BY
JAN 12 2005
RESUBMIT APPROVED
BY DATE

BRIDGE No. 21
PROJECT No. BRS 0147(5)S
ITEM No. 525.23

APPROVED: _____ REC'D APPROVAL _____
DRAWING _____

L.B. FOSTER COMPANY
1016 GREENTREE ROAD
PITTSBURGH, PENNSYLVANIA 15220

FOR: BECK & BELLUCCI, INCORPORATED
VERMONT AGENCY OF TRANSPORTATION
TOWN OF ROYALTON, COUNTY OF WINDSOR
3-LINE SEMI-ELLIP. ALUM. BRIDGE RAIL FOR VT RTE 14
OVER WHITE RIVER ~ ELEV., KEY PLAN & BILL OF MAT'L

MADE CMS DATE 09/29/04 JOB No. ARO170 CUST. No. _____
CHECK AW DATE 10/21/04 DRAWING LB2 REV. No. _____

REV.	DESCRIPTION	BY	DATE