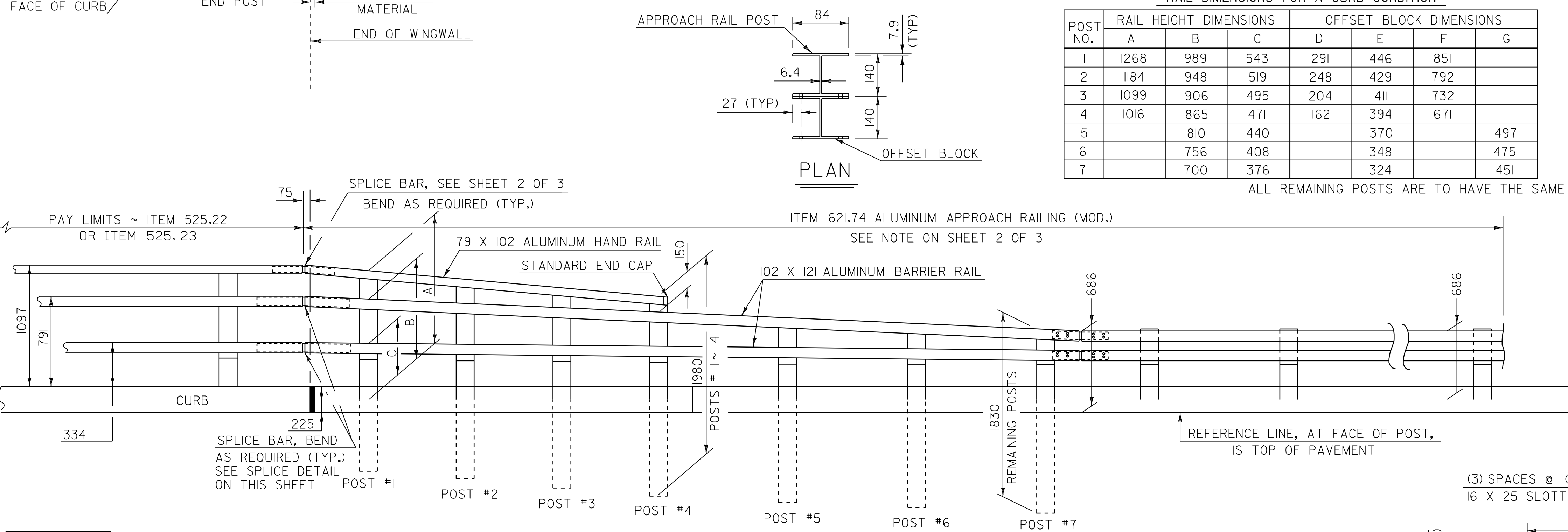


ALUMINUM APPROACH RAIL  
RAIL DIMENSIONS FOR A CURB CONDITION

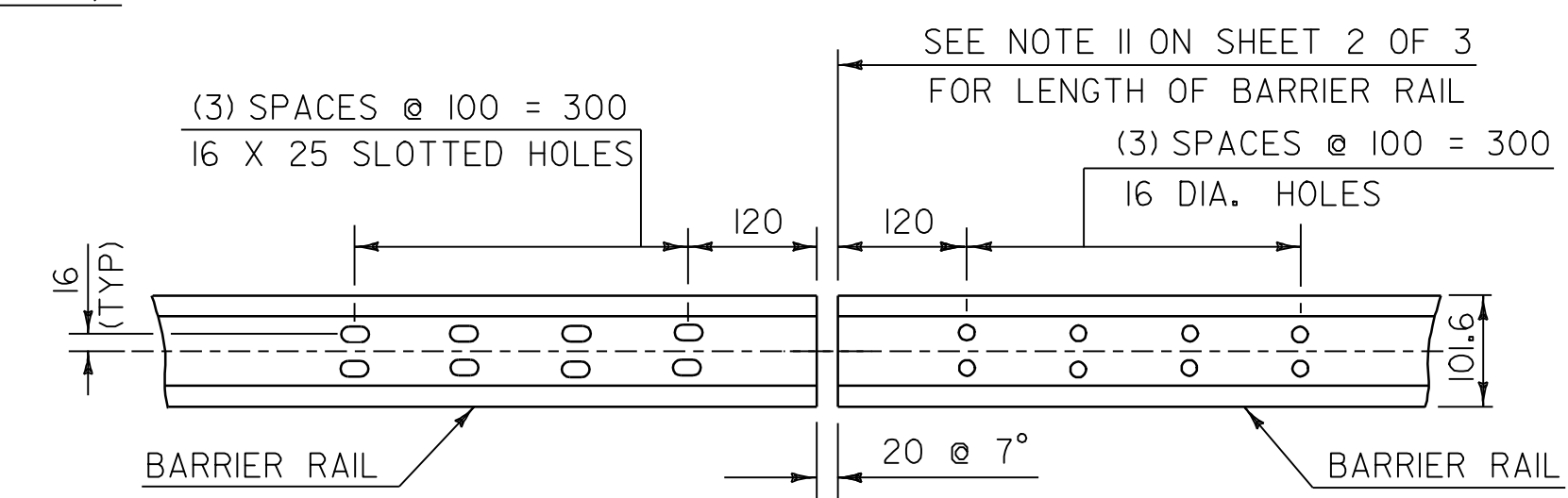
POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	1268	989	543	291	446	851	
2	1184	948	519	248	429	792	
3	1099	906	495	204	411	732	
4	1016	865	471	162	394	671	
5		810	440		370		497
6		756	408		348		475
7		700	376		324		451

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

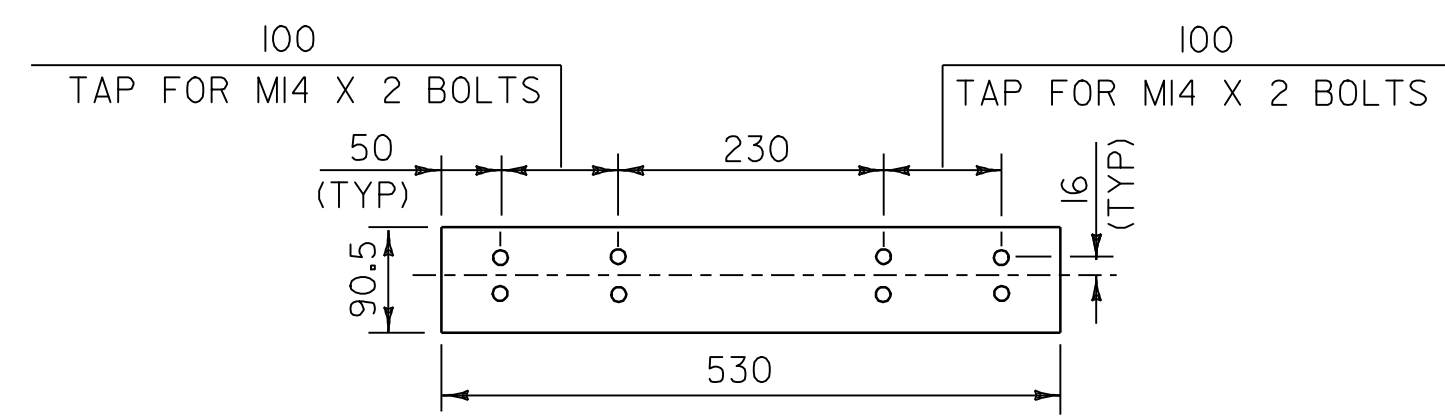


ELEVATION

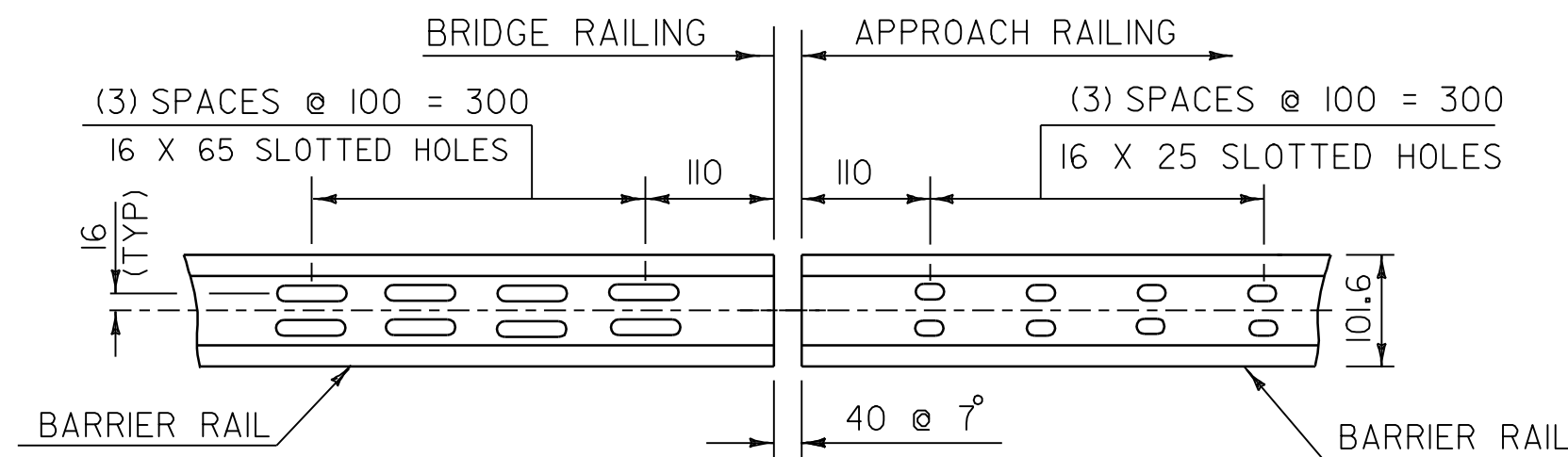
"X"	8.8
"Y"	4.3
"Z"	2.5



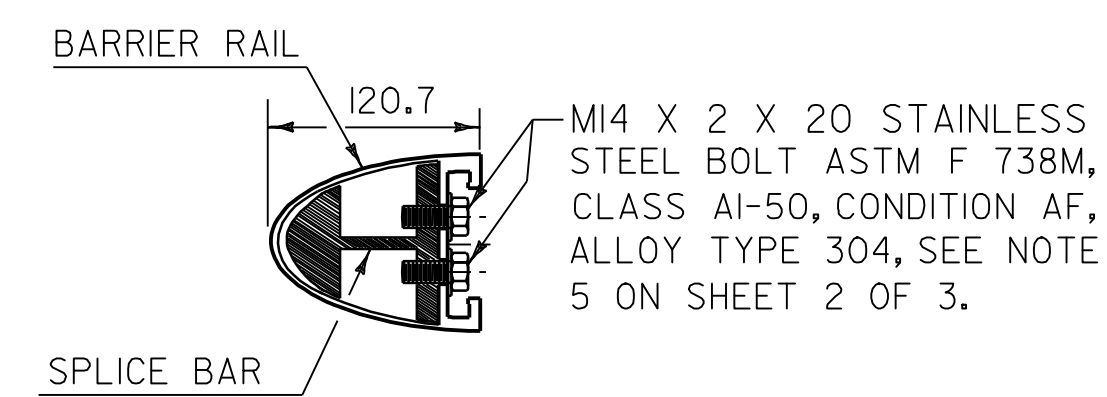
ELEVATION OF BARRIER RAIL (FROM BACK)  
AT ALL INTERMEDIATE RAIL SPLICES



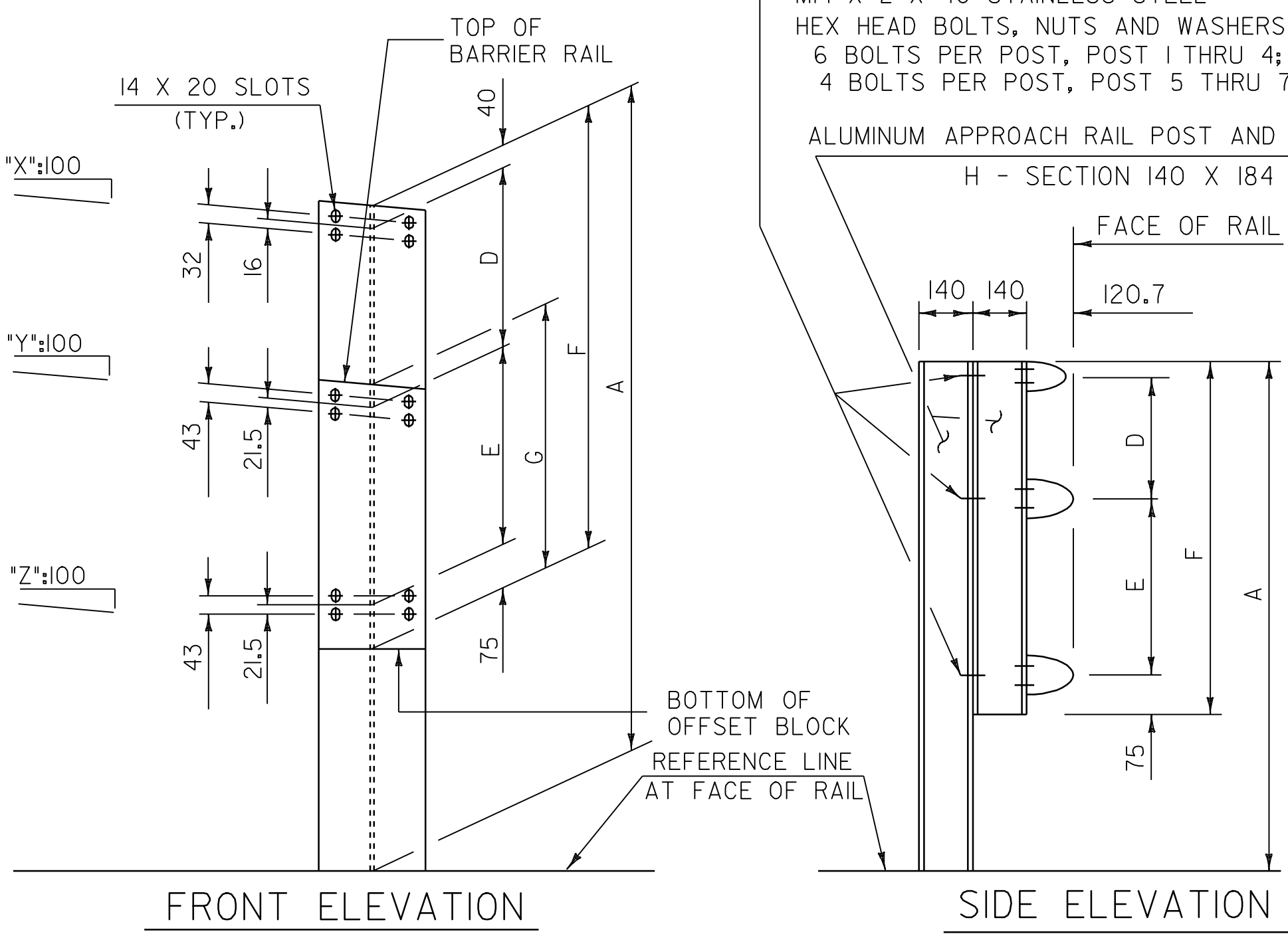
ELEVATION OF BARRIER RAIL SPLICE BAR  
TO BE USED AT TRANSITION BETWEEN  
APPROACH RAIL & GUARD RAIL (FROM BACK)



ELEVATION OF BARRIER RAIL (FROM BACK)

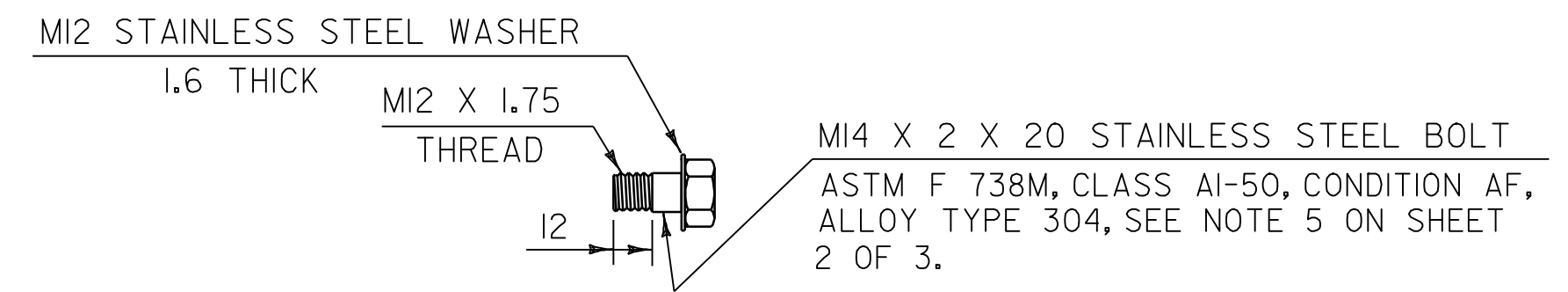


TYPICAL SECTION THROUGH  
BARRIER RAIL SPLICE

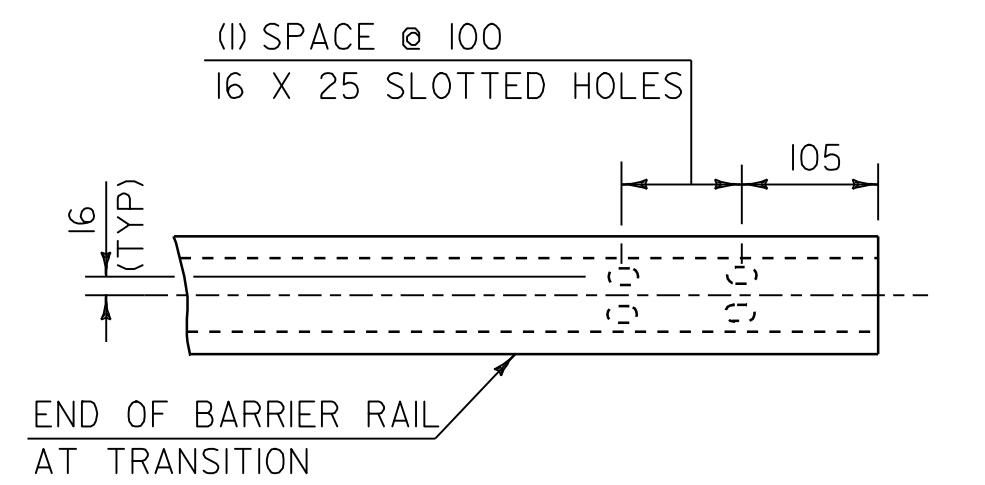


FRONT ELEVATION SIDE ELEVATION

APPROACH RAIL DETAILS



STAINLESS STEEL BOLT DETAILS  
(FOR SPLICE BARS)



ELEVATION OF BARRIER RAIL  
(FROM FRONT) AT TRANSITION

NOTES

- POST 1 THROUGH 7 SHALL BE EXTRUDED ALUMINUM.
- ALL STRUCTURAL STEEL SHALL BE AASHTO M 270/M 270M GRADE 250 GALVANIZED AFTER FABRICATION.
- ALL ITEMS NOT OTHERWISE INDICATED SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE STANDARD SHEETS ON WHICH THEY ARE DETAILED.
- SEE SHEETS 1 OF 3 AND 2 OF 3 FOR ALUMINUM BRIDGE RAILING DETAILS.
- 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.

REVISIONS AND CORRECTIONS  
DECEMBER 18, 1997 - ORIGINAL APPROVAL DATE

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

Town Of	BRISTOL	Bridge No.	10
Highway No.	VT.116	Log Sta.	
		Surv. Sta.	

ALUMINUM BRIDGE RAILING DETAILS 3 OF 3

Designed By	A.PORTALUPI	Drawn By	L.BULLOCK
Checked By	T.LACKEY	Bridge Design Supervisor	A.PORTALUPI
Date	5/99	Date	5/99

PROJECT BRISTOL PROJECT NO. ER 021-1(13)