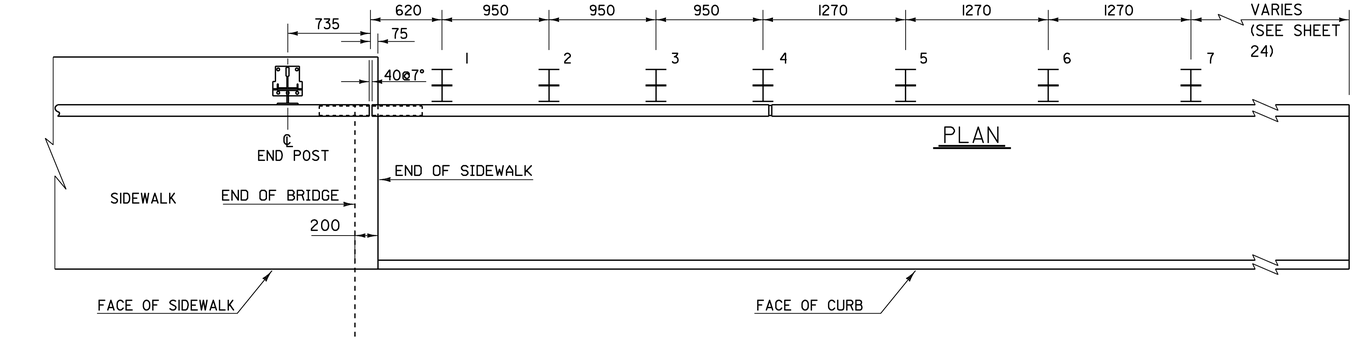
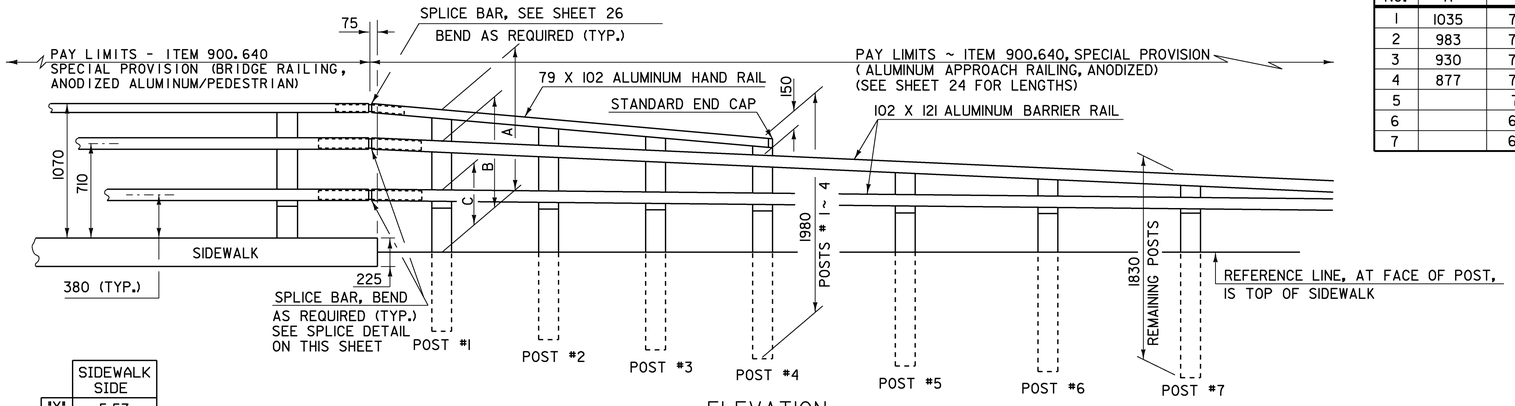
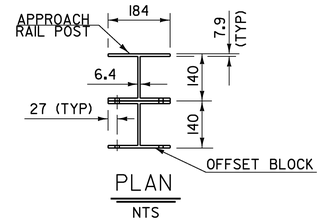


ALUMINUM APPROACH RAIL
RAIL DIMENSIONS FOR A SIDEWALK CONDITION

POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	1035	755	368	292	329	736	
2	983	746		249	328	691	
3	930	736		205	326	646	
4	877	727		162	325	601	
5		712			323		449
6		699			321		447
7		686			319		445



ELEVATION
NTS

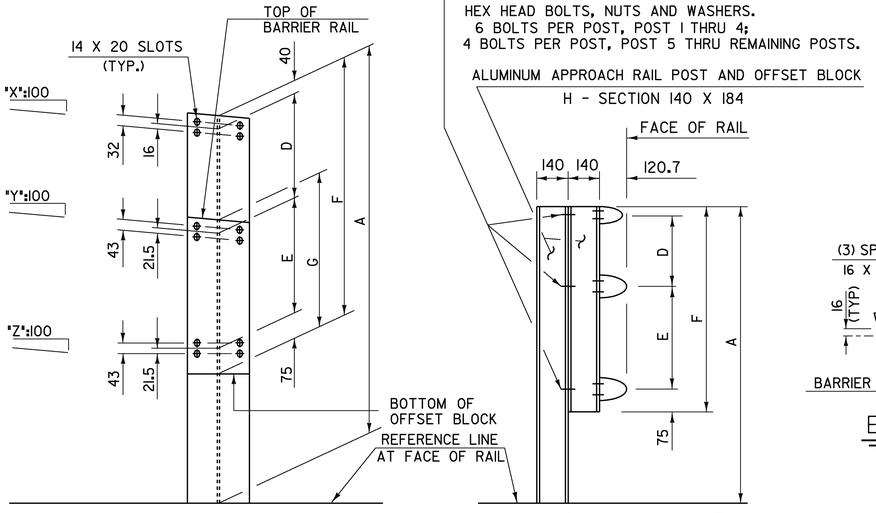


PLAN
NTS

	SIDEWALK SIDE
'X'	5.57
'Y'	0.99
'Z'	0.83

NOTES

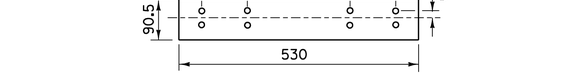
1. ALL POSTS SHALL BE EXTRUDED ALUMINUM.
2. DETAILS ARE SHOWN FOR TRANSITION TO A 3 RAIL ALUMINUM BRIDGE RAILING W/ SPINDLES.
3. DIMENSIONS SHOWN ARE FROM A REFERENCE LINE AT THE FACE OF POST FOR A NORMAL CROWNED SECTION. APPROPRIATE CORRECTIONS SHALL BE MADE FOR CROSS SLOPES OTHER THAN A NORMAL SECTION.
4. THE APPROACH RAILING SYSTEM AND RELATED HARDWARE SHALL BE ANODIZED TO A HARD BLACK SATIN FINISH. (SEE SPECIAL PROVISIONS.)



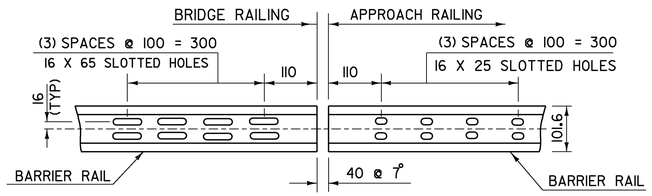
FRONT ELEVATION

SIDE ELEVATION

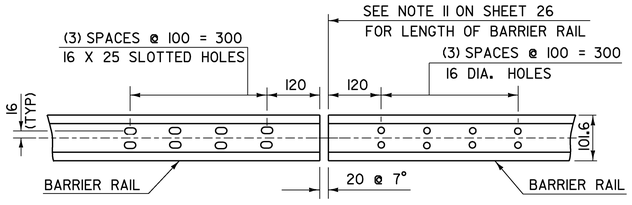
APPROACH RAIL DETAILS
NTS



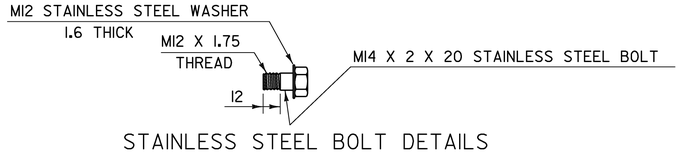
ELEVATION OF BARRIER RAIL SPLICE BAR TO BE USED AT TRANSITION BETWEEN APPROACH RAIL & GUARD RAIL (FROM BACK)
NTS



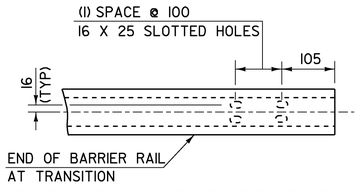
ELEVATION OF BARRIER RAIL (FROM BACK)
NTS



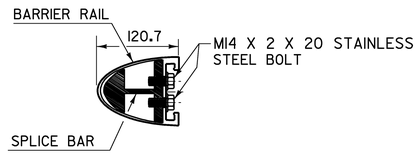
ELEVATION OF BARRIER RAIL (FROM BACK) AT ALL INTERMEDIATE RAIL SPLICES
NTS



STAINLESS STEEL BOLT DETAILS
(FOR SPLICE BARS)
NTS



ELEVATION OF BARRIER RAIL (FROM FRONT) AT TRANSITION
NTS



TYPICAL SECTION THROUGH BARRIER RAIL SPLICE
NTS

ALUMINUM RAILING DETAILS
(SHEET 3)

PROJECT NAME:	BRATTLEBORRO
PROJECT NUMBER:	BRF 2000 (21)S
FILE NAME: 96J228\str\s96J228ral11D03.	PLOT DATE: 26-MAY-2009
PROJECT LEADER: R. WHITCOMB	DRAWN BY: C.MOONEY
DESIGNED BY: D. PETERSON	CHECKED BY: C. CARLSON
	SHEET 27 OF 77