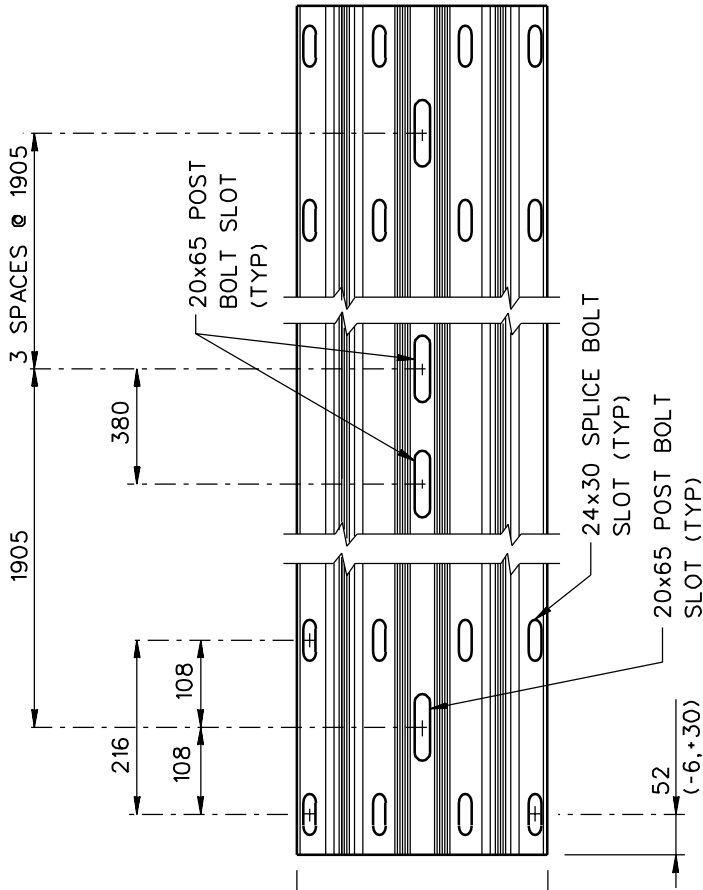
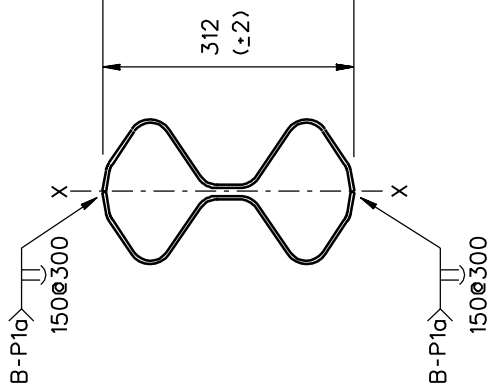
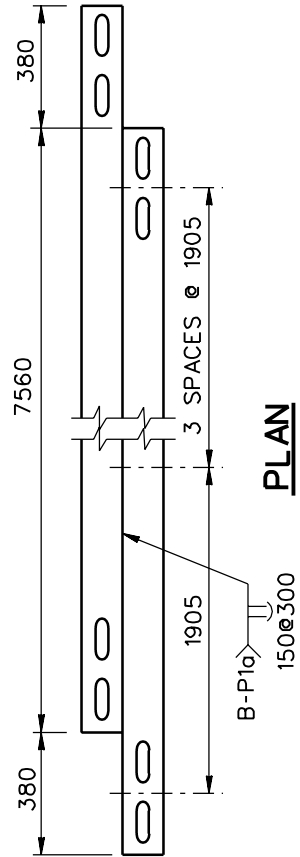


1994

DESIGNATOR	BASE METAL THICKNESS
RWM10a	2.67



ELEVATION



PLAN

NOTE:

THIS SECTION IS PRODUCED BY WELDING 2-RWM02a SHAPES BACK-TO-BACK ALONG THE TOP AND BOTTOM SEAMS. FOR CROSS-SECTION DETAILS SEE RWM02a (SHT 3 of 4).

TUBULAR W-BEAM RAIL

RWM10a

SHEET NO.	REF. NO.
1 of 2	

SPECIFICATIONS

Tubular corrugated sheet steel beams shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 483 mm welded according to ANSI/AASHTO/AWS D1.5 along the top and bottom seams using AWS prequalified welder joint number B-P1a. The section shall be hot-dip zinc-coated according to AASHTO M180 Section 9 for Type II beams unless corrosion-resistant steel is desired (AASHTO M180 Type IV). Corrosion-resistant steel should conform to AASHTO M270M (ASTM A709M) Grade 50W. Corrosion-resistant steel should not be zinc-coated, painted or otherwise coated. Inertial properties are calculated for the whole cross-section without a reduction for the splice bolt holes.

Designator	Area (10^3 mm^2)	I_x (10^6 mm^4)	I_y (10^6 mm^4)	S_x (10^3 mm^3)	S_y (10^3 mm^3)
RWM10a	2.6	3.3	--	40	--

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

INTENDED USE

RWM10a rail beams are used in various rail systems.

TUBULAR W-BEAM RAIL

RWM10a

SHEET NO.

DATE

2 of 2

1995