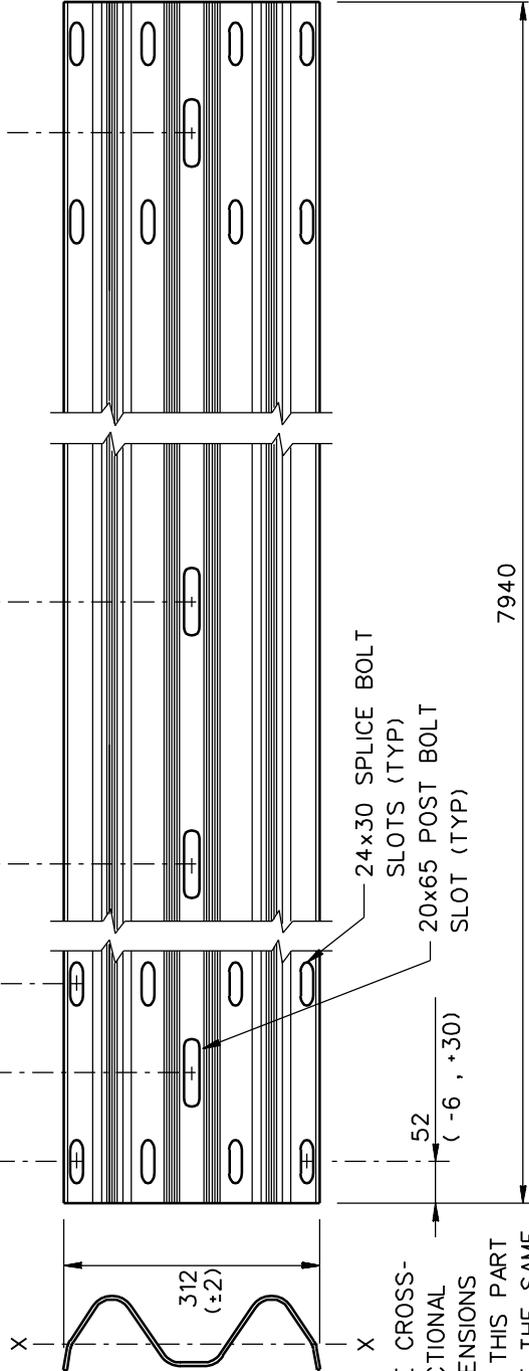


DESIGNATOR	BASE METAL THICKNESS
RWM22a	2.67
RWM22b	3.43

4 EQUAL POST HOLE SPACINGS @ 1905 EA

216
108
108

1905
(TYP)



THE CROSS-SECTIONAL DIMENSIONS OF THIS PART ARE THE SAME AS PART RWM02a (SHT 3 of 4).

1994

LONG 2-SPACE W-BEAM GUARDRAIL

RWM22a-b

SHEET NO.	REF. NO.
1 of 2	RE-3-71

SPECIFICATIONS

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. Guardrail RWM22a shall conform to AASHTO M180 Class A and RWM22b shall conform to Class B. Corrosion protection may be either Type II (zinc-coated) or Type IV (corrosion resistant steel). Type IV guardrails shall be manufactured using AASHTO M270M (ASTM A709M) Grade 50W material and shall 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)
RWM22a	1.3	1.0	--	23	--
RWM22b	1.7	1.3	--	29	--

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

RWM22a-b guardrail beams are used in various W-beam guardrail systems.

LONG 2-SPACE W-BEAM GUARDRAIL

RWM22a-b

SHEET NO.

DATE

2 of 2

1995