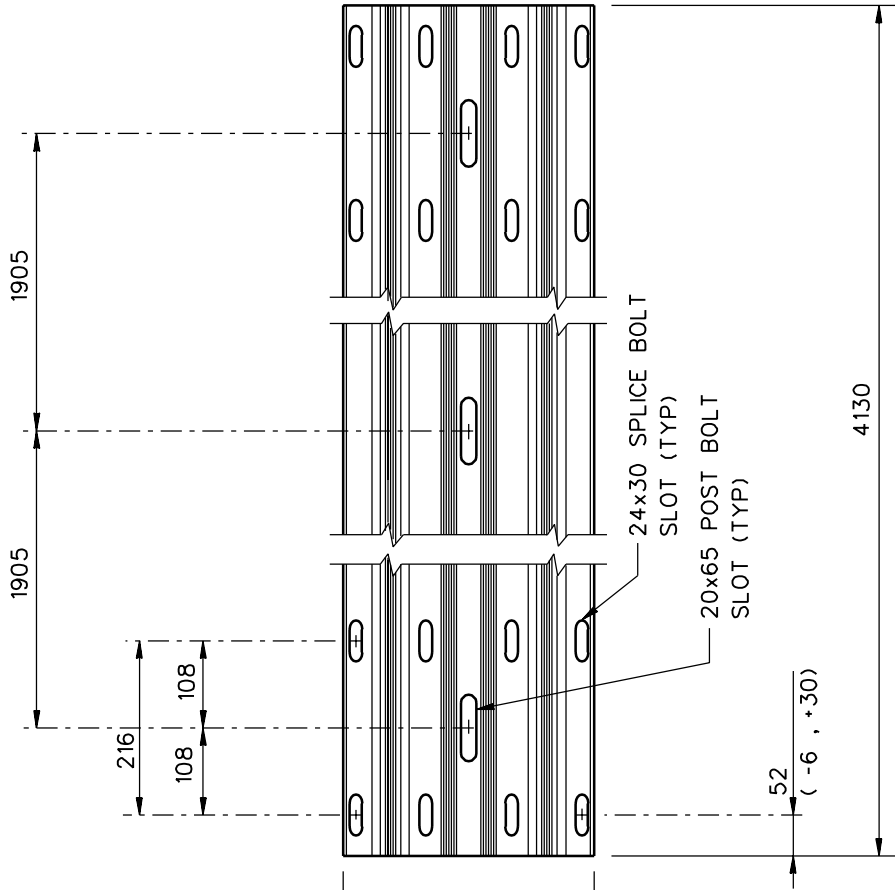


DESIGNATOR	BASE METAL THICKNESS
RWM02a	2.67
RWM02b	3.43



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

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## 2-SPACE W-BEAM GUARDRAIL

# RWM02a-b

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### 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 RWM02a shall conform to AASHTO M180 Class A and RWM02b shall conform to Class B. Corrosion protection may be either Type II (zinc-coated) or Type IV (corrosion resistant steel). Corrosion resistant steel should conform to ASTM A606 for Type IV material and shall not be zinc-coated, painted or otherwise treated. Inertial properties are calculated for the whole cross-section without a reduction for the splice bolt holes.

Designator	Area (10 <sup>3</sup> mm <sup>2</sup> )	I <sub>x</sub> (10 <sup>6</sup> mm <sup>4</sup> )	I <sub>y</sub> (10 <sup>6</sup> mm <sup>4</sup> )	S <sub>x</sub> (10 <sup>3</sup> mm <sup>3</sup> )	S <sub>y</sub> (10 <sup>3</sup> mm <sup>3</sup> )
RWM02a	1.3	1.0	--	23	--
RWM02b	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

This corrugated sheet steel beam is used as a rail element in barrier designs SGR02, SGR04a-b, SGM02, and SGM04a-b.

## 2-SPACE W-BEAM GUARDRAIL

# RWM02a-b

SHEET NO.

DATE

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