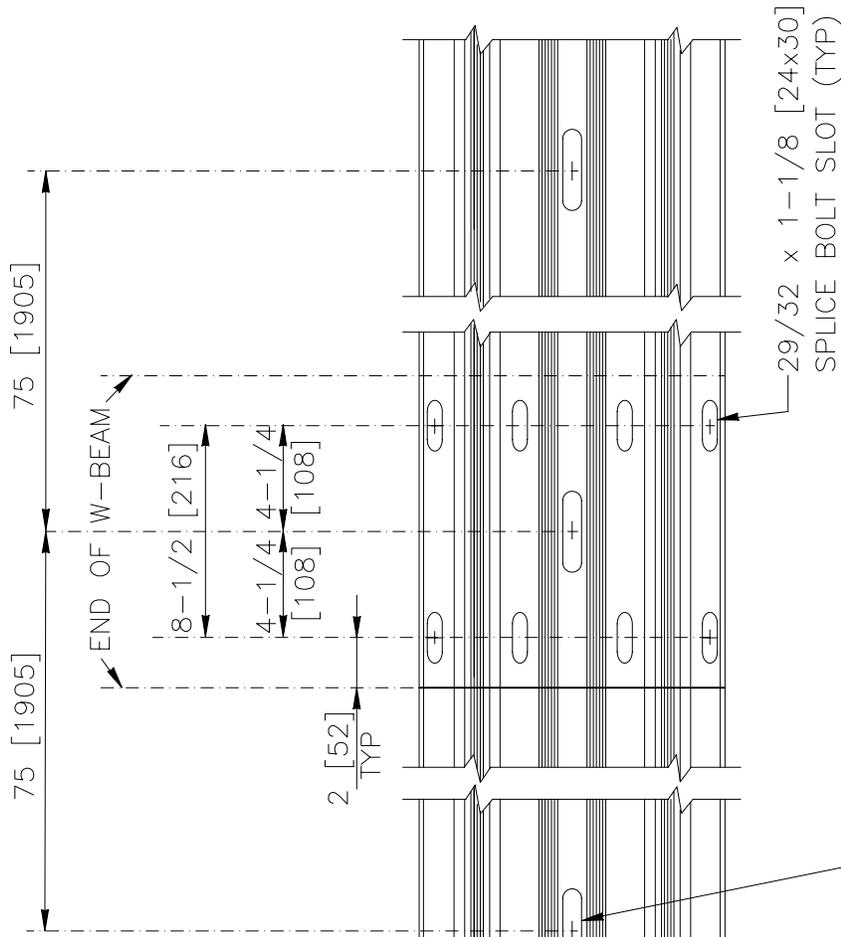


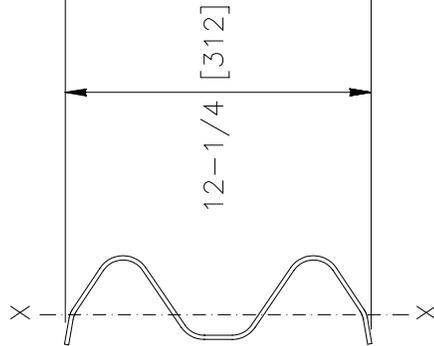
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DESIGNATOR	BASE METAL THICKNESS
RWM02a	12 GAGE [2.77]
RWM02b	10 GAGE [3.43]



3/4 x 2-1/2 [20x65]
POST BOLT SLOT (TYP)

29/32 x 1-1/8 [24x30]
SPLICE BOLT SLOT (TYP)



THE CROSS-SECTIONAL DIMENSIONS FOR THIS PART ARE SHOWN ON SHEET 3.

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SPECIFICATIONS

Corrugated sheet steel beams shall conform to the current requirements of AASHTO M 180. The section shall be manufactured from sheets with a nominal width of 19 inches [483 mm]. Guardrail RWM02a shall conform to AASHTO M 180 Class A, and RWM02b shall conform to Class B. Corrosion protection may be either Type II (galvanized) or Type IV (corrosion-resistant steel). Type IV connectors shall be manufactured using AASHTO M 222/M 222M (ASTM A 588/A 588 M) and shall not be galvanized, painted or otherwise coated.

Inertial properties shown below are based on the gross cross-section dimensions without a reduction for the splice and bolt holes.

Designator	Area in ² [10 ³ mm ²]	I _x in ⁴ [10 ⁶ mm ⁴]	S _x in ³ [10 ³ mm ³]
RWM02a	2.01 [1.3]	2.40 [1.0]	1.40 [23]
RWM02b	2.63 [1.7]	3.12 [1.3]	1.77 [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 SGR02a-b, SGR04a-c, SGM02a-b, and SGM04a-b.

2-SPACE W-BEAM GUARDRAIL

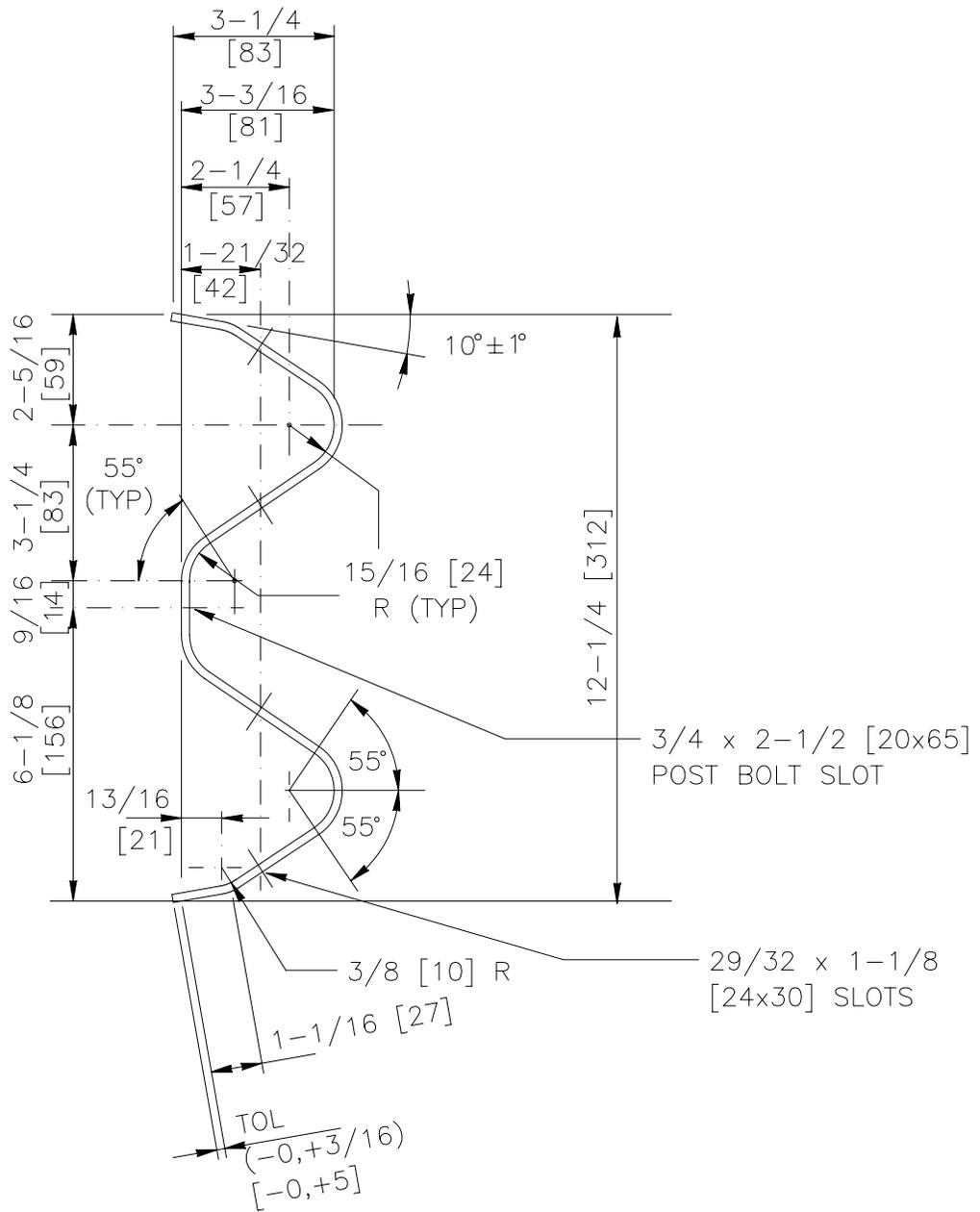
RWM02a-b

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