

1 of 3

SHEET NO.

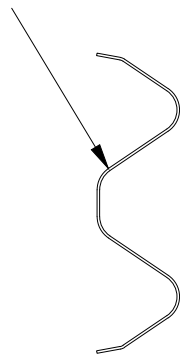
DATE

RWM01a-b

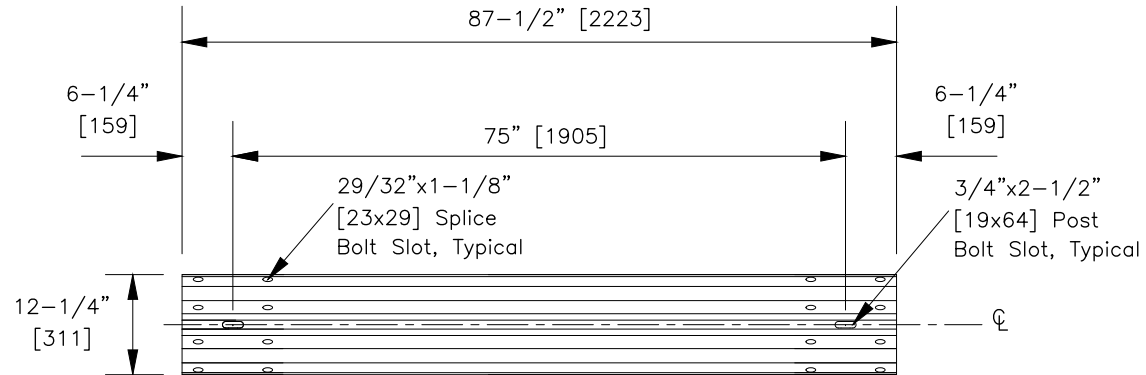
1-SPACE W-BEAM GUARDRAIL, SHORT (6'-3")

Designator	Base Metal Thickness
RWM01a	12 Gauge [2.67]
RWM01b	10 Gauge [3.43]

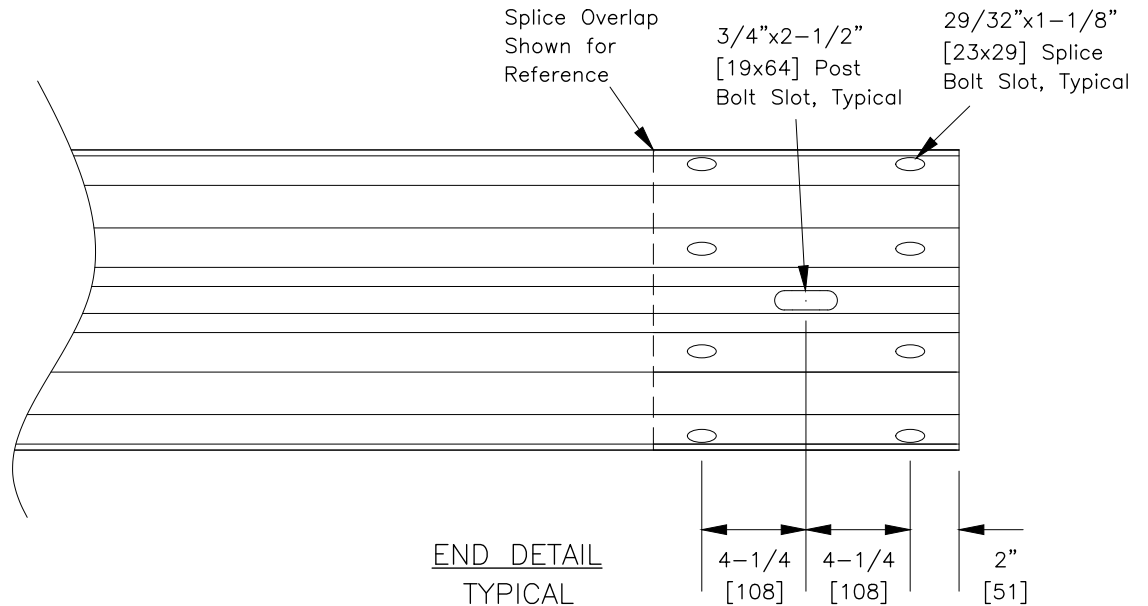
Cross-Section Dimensions for this part are the same as Part RWM02a-b, Sheet 3 of 3.

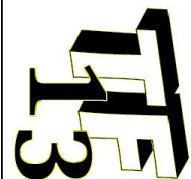


SECTION VIEW



FRONT ELEVATION VIEW





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SHEET NO.

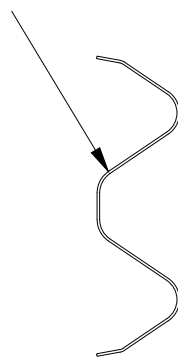
DATE

RWM01c-d

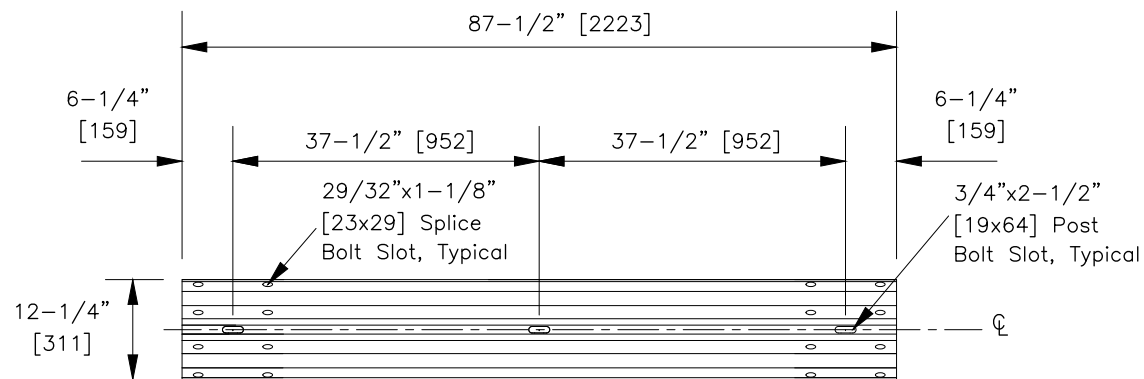
1-SPACE W-BEAM GUARDRAIL W/CENTER SLOT, SHORT (6'-3")

Designator	Base Metal Thickness
RWM01c	12 Gauge [2.67]
RWM01d	10 Gauge [3.43]

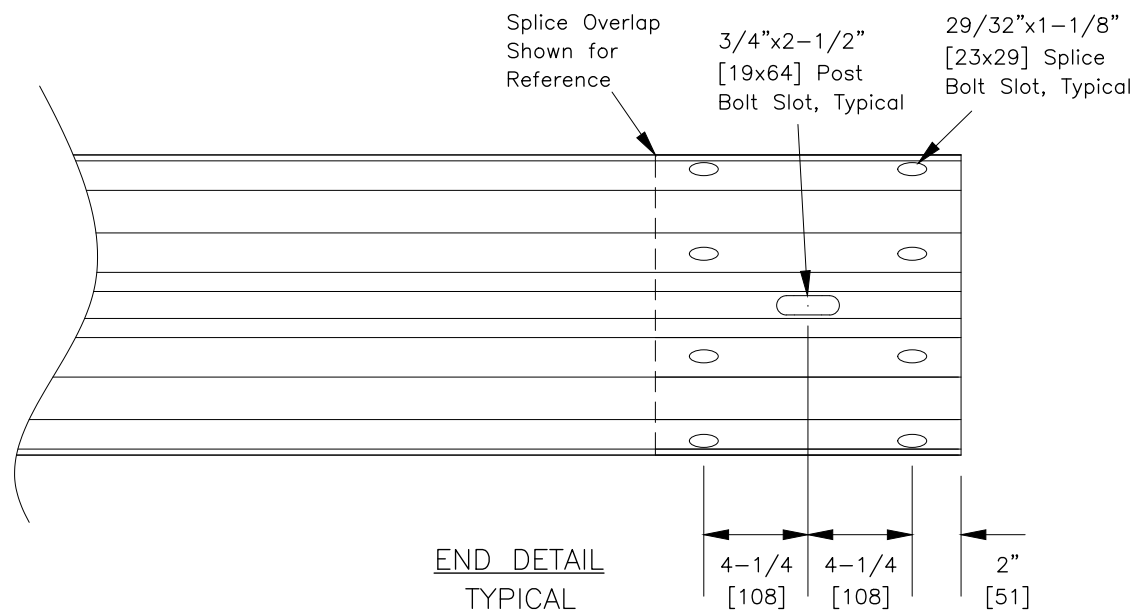
Cross-Section Dimensions for this part are the same as Part RWM02a-b, Sheet 3 of 3.



SECTION VIEW



FRONT ELEVATION VIEW



SPECIFICATIONS

Corrugated sheet steel w-beam shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 19" [483]. RWM01a & RWM01c shall conform to AASHTO M180 Class A and RWM01b & RWM01d shall conform to Class B. Inertial properties are calculated for the whole cross-section without a reduction for holes or slots.

Designator	Base Metal Thickness Gauge [mm]	Area in ² [10 ³ mm ²]	I _x in ⁴ [10 ⁶ mm ⁴]	I _y in ⁴ [10 ⁶ mm ⁴]	S _x in ³ [10 ³ mm ³]	S _y in ³ [10 ³ mm ³]
RWM01a,c	12 [2.67]	2.01 [1.3]	2.40 [1.0]	--	1.40 [23.0]	--
RWM01b,d	10 [3.43]	2.63 [1.7]	3.12 [1.3]	--	1.77 [29.0]	--

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

RWM01a-d W-beam guardrail section is used in various W-beam guardrail systems.

CONTACT INFORMATION

Task Force 13 (TF13)
a Non-Profit Association
<https://TF13.org>

1-SPACE W-BEAM GUARDRAIL, SHORT (6'-3")

RWM01a-d

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