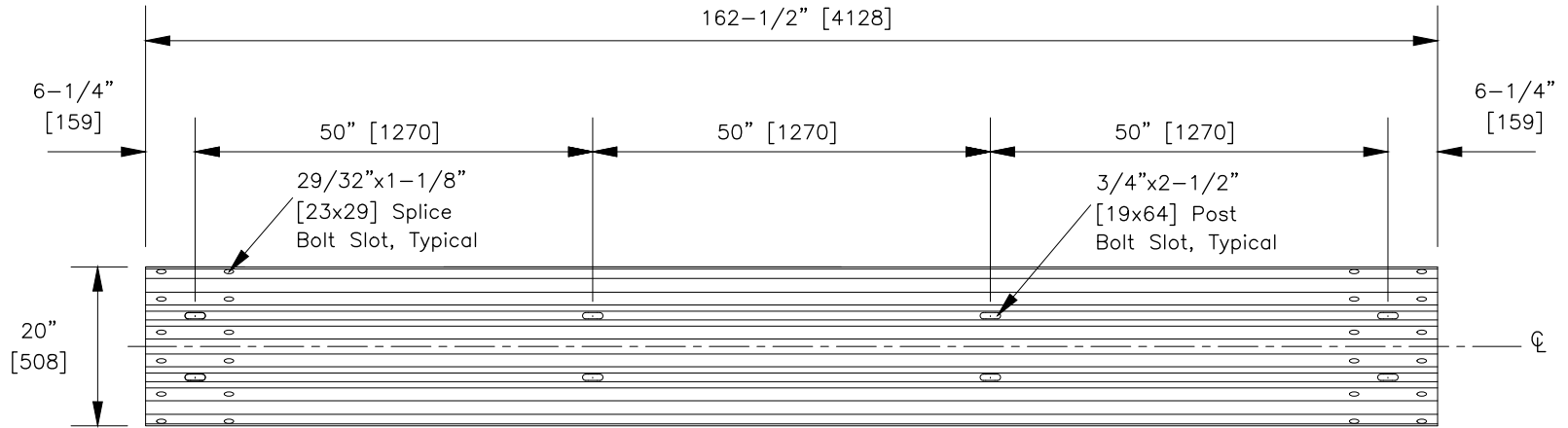
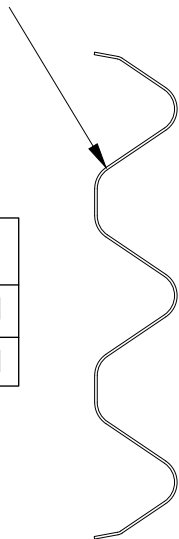


3-SPACE THREE-BEAM GUARDRAIL



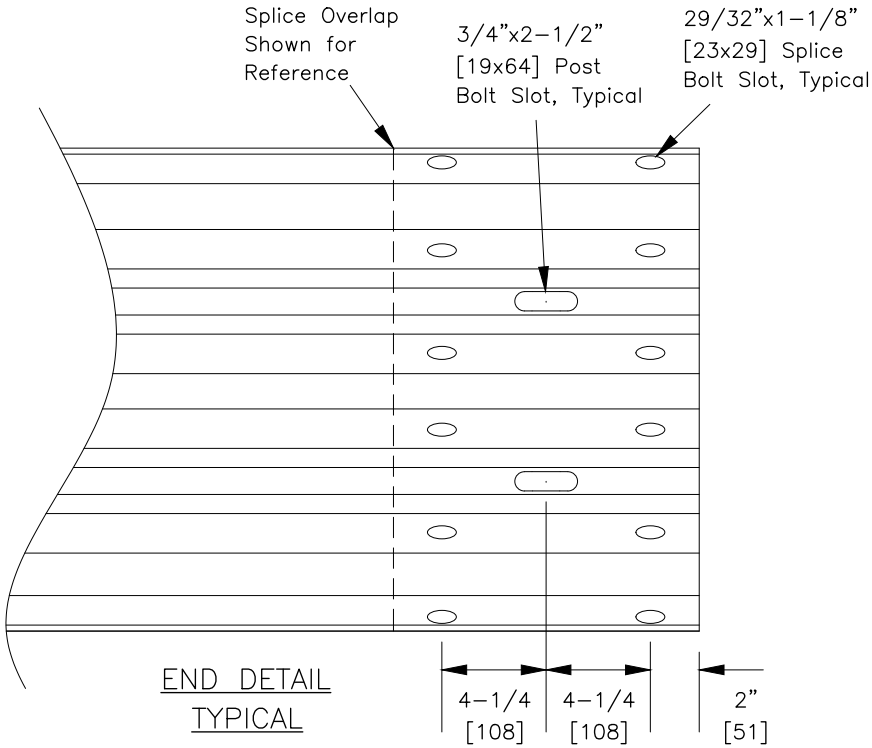
FRONT ELEVATION VIEW

Cross-Section Dimensions for this part are the same as Part RTM02a-b, Sheet 3 of 3.



SECTION VIEW

Designator	Base Metal Thickness
RTM03a	12 Gauge [2.67]
RTM03b	10 Gauge [3.43]



END DETAIL
TYPICAL

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 29.5" [750]. RTM03a shall conform to AASHTO M180 Class A and RTM03b 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]
RTM03a	12 [2.67]	3.10 [2.0]	3.84 [1.6]	--	2.22 [36.4]	--
RTM03b	10 [3.43]	4.03 [2.6]	4.80 [2.0]	--	2.87 [47.0]	--

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

RTM03a-b guardrail section is used in various Thrie-beam guardrail systems.

CONTACT INFORMATION

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

3-SPACE THRIE-BEAM GUARDRAIL

RTM03a-b

SHEET NO.

DATE

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3/28/2025

