

SLOTTED AND BENT THRIE BEAM GUARDRAIL



RTM07a-c

SHEET NO.

DATE:

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8/31/2007

SPECIFICATIONS

Corrugated sheet thrie beam guardrail shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 29.5" [750]. RTM??a-c shall conform to AASHTO M180 Class A. Thrie beams 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 or slots.

Designator	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]
RTM??a-c	3.16 [2.04]	3.8 [1.6]	--	2.22 [36.4]	--

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

The bent and slotted thrie beam elements are the main rail element in the SET03 thrie-beam bullnose end terminal.

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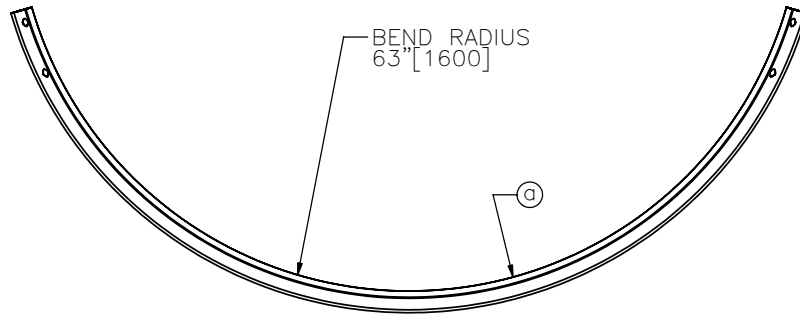


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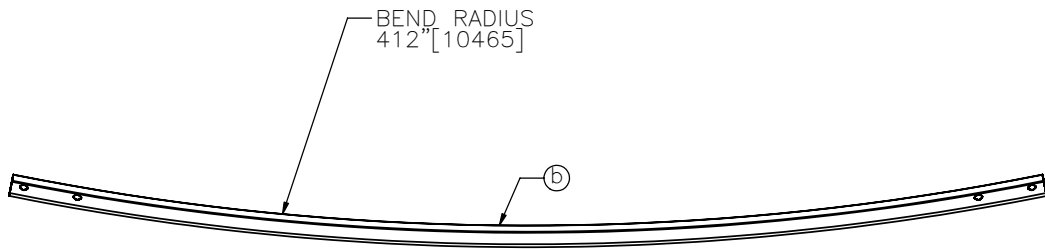
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BEND RADIUS NO. 1
SLOT PATTERN NO. 1



BEND RADIUS NO. 2
SLOT PATTERN NO. 2

NOTE: GUARDRAIL IS BENT AND SLOTTED BY FIRST CUTTING THE ROUNDED EDGES OF THE SLOTS, THEN BENDING THE RAIL AND FINISHING THE SLOTS

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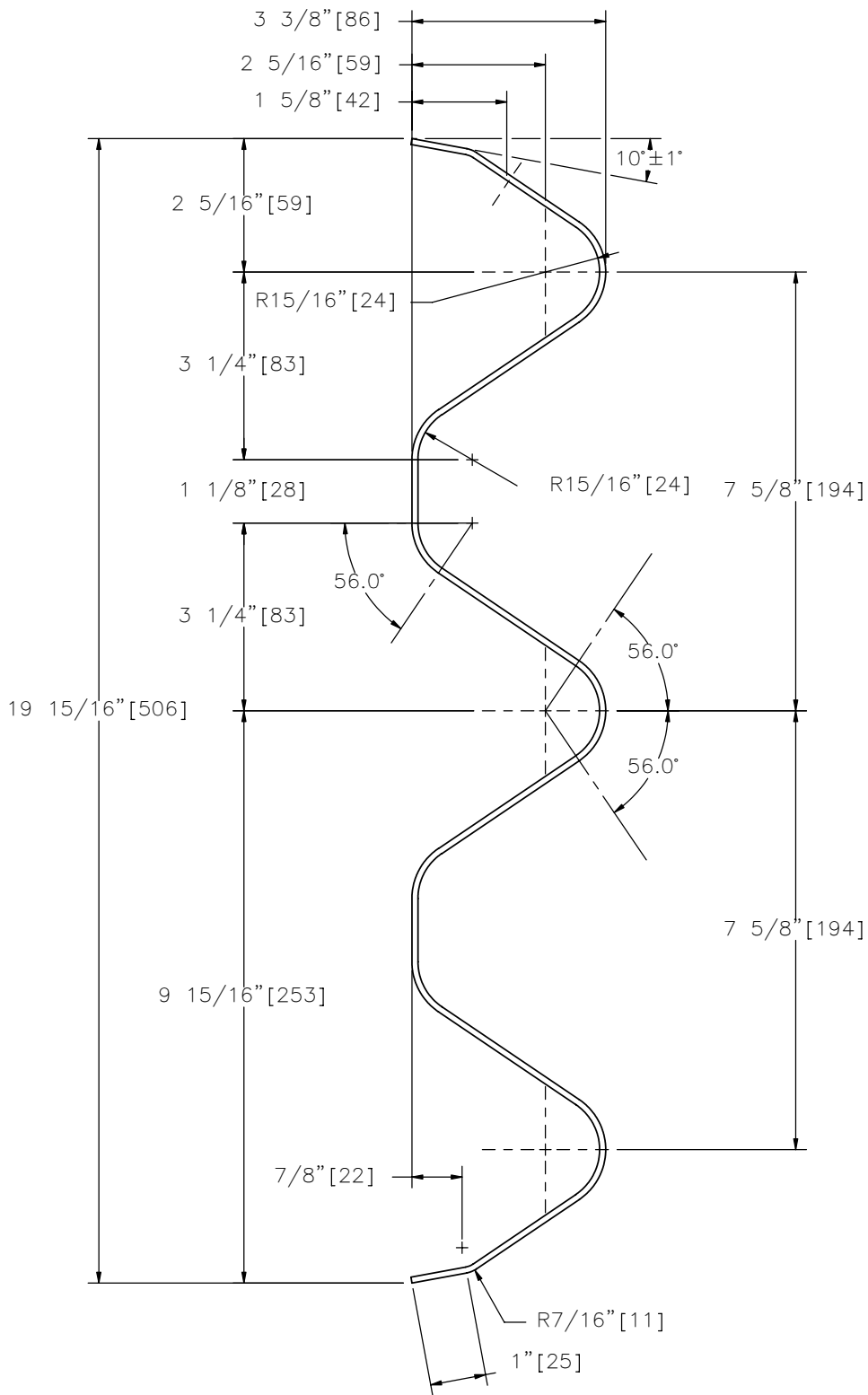
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