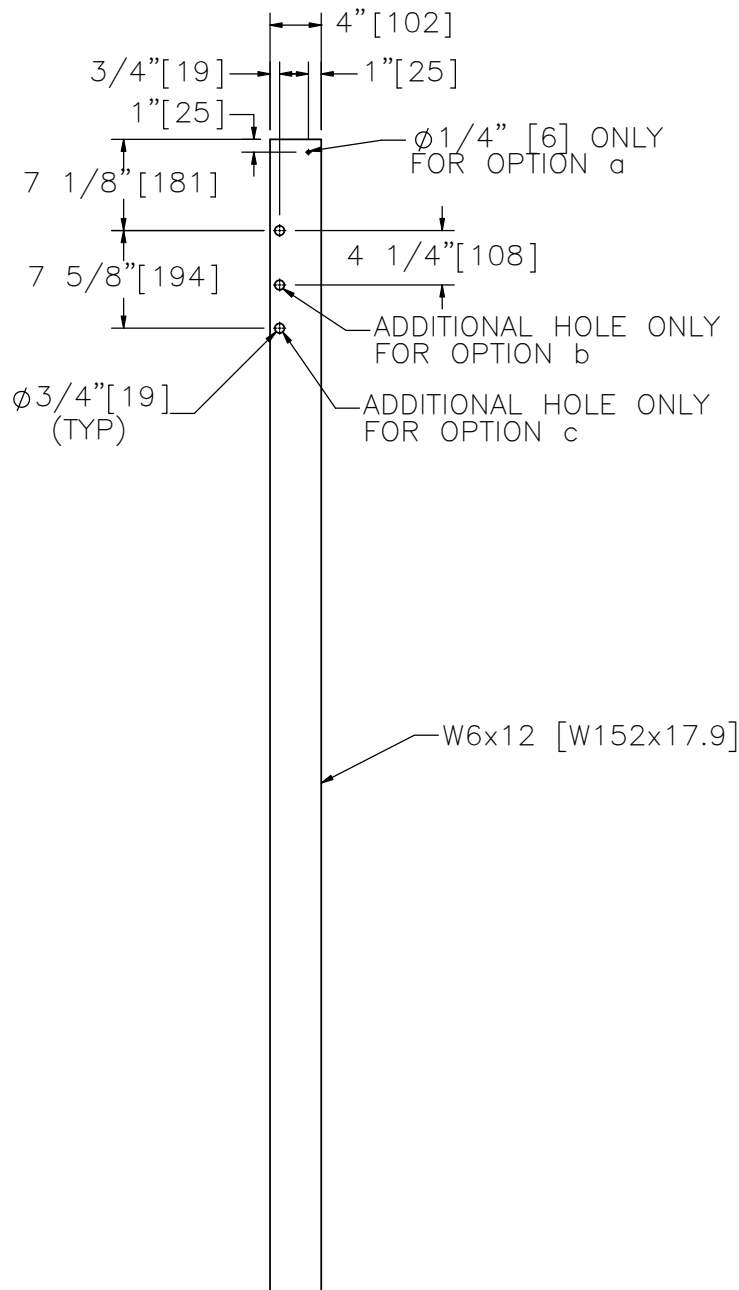
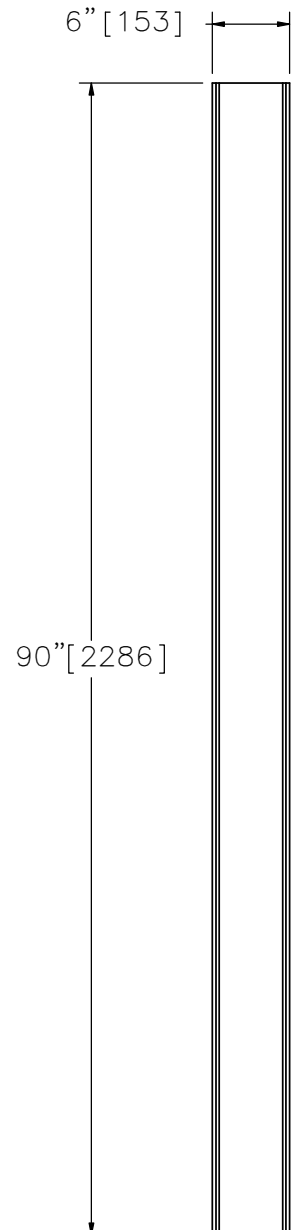




PLAN



ELEVATION



SIDE

## WIDE-FLANGE GUARDRAIL POST



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### SPECIFICATIONS

W-Beam and thrie-beam guardrail posts shall be manufactured using AASHTO M270M (ASTM A709M) Grade 250 steel or ASTM A36/A36M unless corrosion resistant steel is required in which case the post shall be manufactured from AASHTO M270M (ASTM A709M) Grade 50W steel. The dimensions of the cross-section shall conform a W6x12 [W150x18] section as defined in AASHTO M160M (ASTM A6M).

After the section is cut and all holes are drilled or punched, the component should be zinc-coated according to AASHTO M111 (ASTM A123) unless corrosion resistant steel is used. When corrosion resistant steel is used the portion of the post to be embedded in soil shall be zinc-coated according to AASHTO M111 (ASTM A123) and the portion above the soil shall not be zinc-coated, painted, or otherwise treated.

DESIGNATOR	AREA in. <sup>2</sup> [10 <sup>3</sup> mm <sup>2</sup> ]	I <sub>x</sub> in. <sup>4</sup> [10 <sup>6</sup> mm <sup>4</sup> ]	I <sub>y</sub> in. <sup>4</sup> [10 <sup>6</sup> mm <sup>4</sup> ]	S <sub>x</sub> in. <sup>3</sup> [10 <sup>3</sup> mm <sup>3</sup> ]	S <sub>y</sub> in. <sup>3</sup> [10 <sup>3</sup> mm <sup>3</sup> ]
PWE09a-c	3.55 [2.30]	22.1 [9.20]	2.99 [1.24]	7.3 [120]	1.5 [24.6]

Dimensions 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

Post PWE09a-c is used with the MGS W-Beam to Thrie Beam transition, STG02.

### CONTACT INFORMATION

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## WIDE-FLANGE GUARDRAIL POST

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