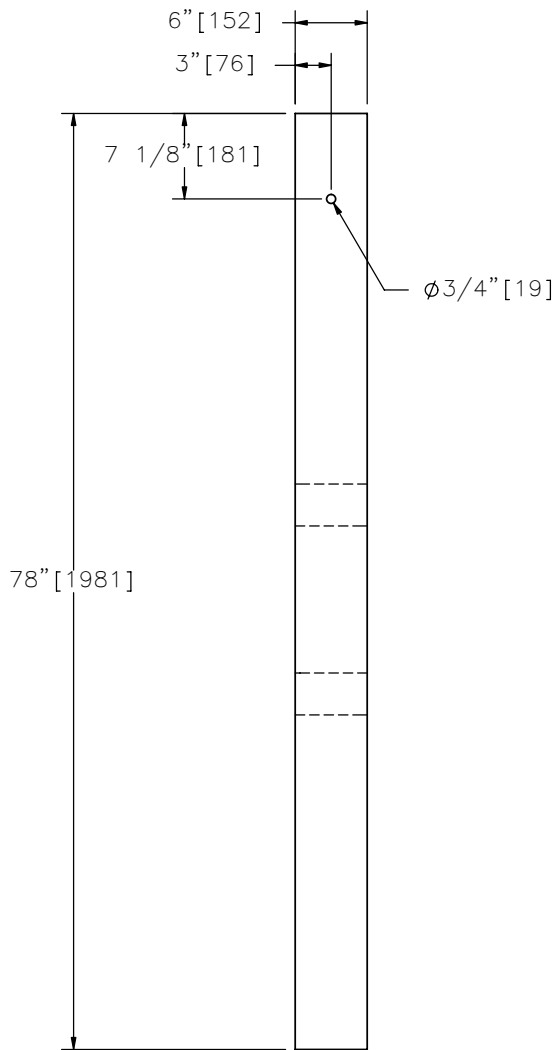
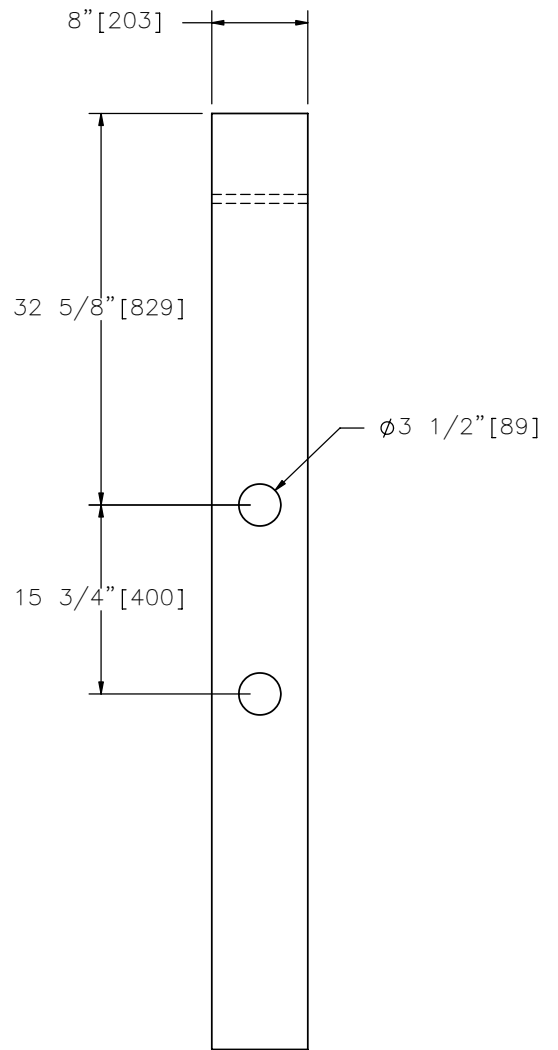


PLAN



ELEVATION



SIDE

CRT TIMBER POST FOR THRIE-BEAM GUARDRAIL



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SPECIFICATIONS

Posts shall be made of timber with a stress grade of at least 1200 psi [8 MPa]. Grading shall be in accordance with the rules of the West Coast Lumber Inspection Bureau, Southern Pine Inspection Bureau or other appropriate timber association. Minimum of SYP Grade No.1 or better. Timber for posts shall be S4S (surfaced four sides) with finished dimensions indicated. The tolerances shown are applicable to the finished post since the post must slide inside foundation tube PTE06. The post edges may require beveling below the 7/8" [22] hole to allow the post to fit into the steel foundation tube.

All timber shall receive a preservation treatment in accordance with AASHTO M-133 after all end cuts are made and holes are drilled. Cross-sectional properties shown below are based on the finished dimensions and are calculated through the 3 1/2" [91] weakening hole.

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]
PDE10	27 [17.4]	235 [98]	81 [34]	59 [961]	27 [442]

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

The CRT timber post is a component of the Thrie-Beam Bullnose End Terminal (SET03) guardrail system.

CONTACT INFORMATION

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