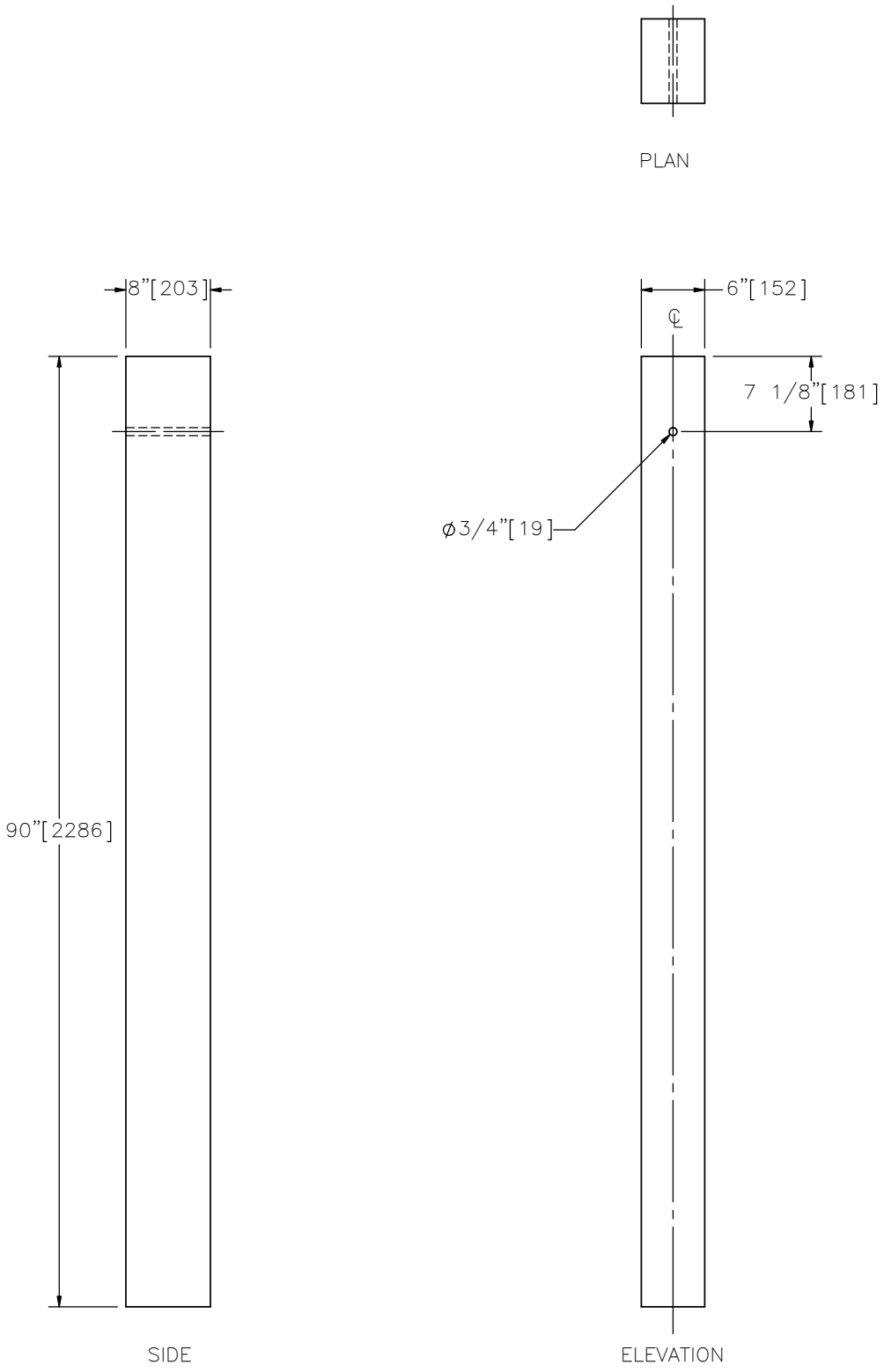

TIMBER GUARDRAIL POST

MwRSF

PDE18

SHEET NO.	DATE:
1 of 2	8/14/2012

SPECIFICATIONS

Posts shall be made of timber with a stress grade of at least 1200 psi [8 MPa]. Stress grading shall be in accordance with the rules of the West Coast Lumber Inspection Bureau, Southern Pine Inspection Bureau or other appropriate timber association. Timber for posts shall be either rough sawn (unplaned) or S4S (surfaced four sides) with dimensions indicated. The size tolerance of posts in the direction parallel to the axis of the bolt holes shall not be more than ± ¼" [6 mm]. Only one type of surface finish shall be used for posts and blockouts in any one continuous length of guardrail.

All timber shall receive a preservation treatment in accordance with AASHTO M133 after all end cuts are made and all holes are drilled.

Inertial properties shown below are based on the nominal dimensions shown.

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]
PDE18	48 [31.0]	256 [106.6]	144 [59.9]	64 [1049]	48 [786.6]

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 timber guardrail post is to be used in the strong-post W-beam system, SGR38b, and other systems that utilize this post design.

CONTACT INFORMATION

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