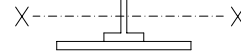
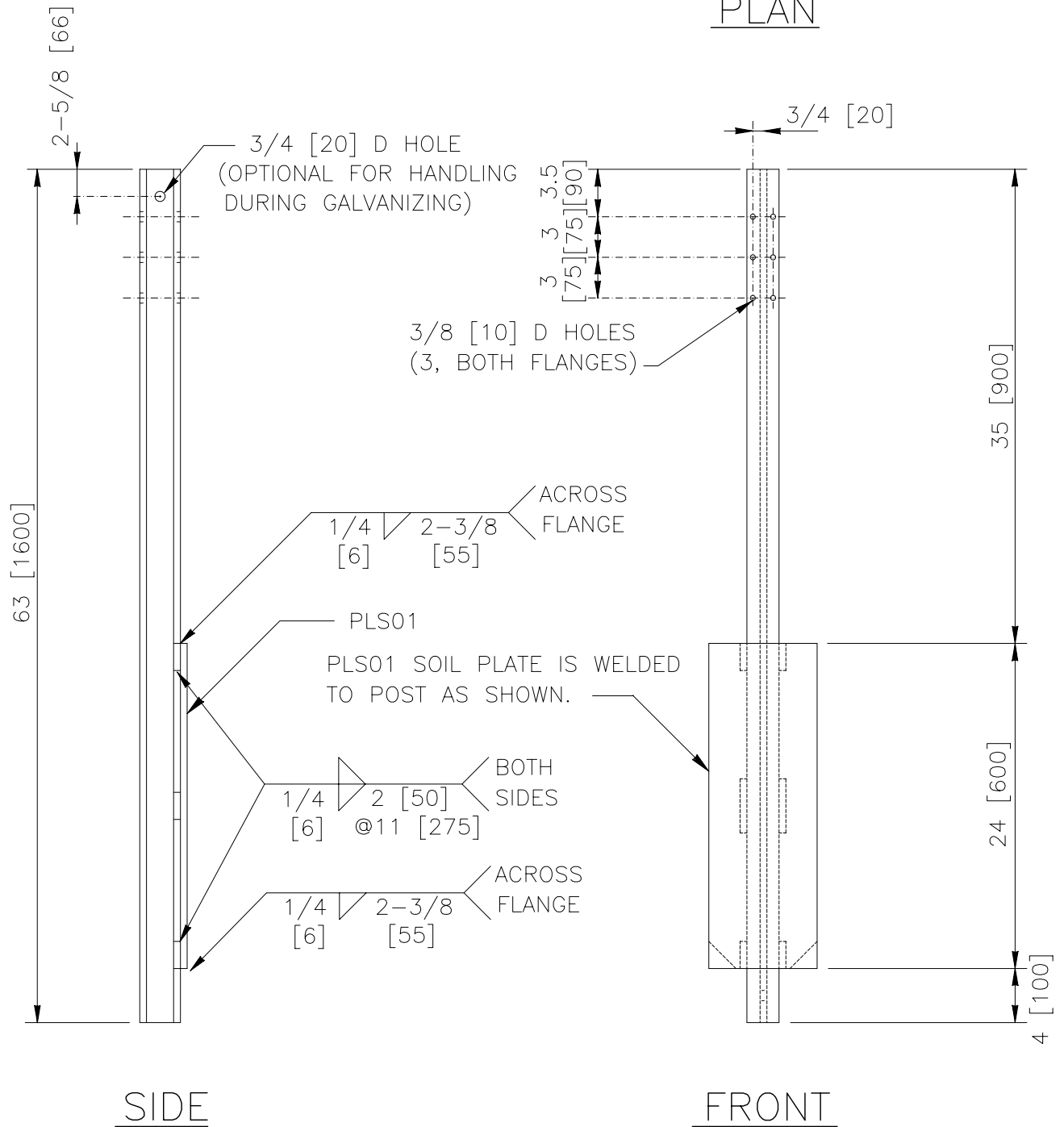


S3x5.7 [S75x8.5]



PLAN



1994

# CABLE GUARDRAIL POST & WELDED SOIL PLATE

## PSE01

SHEET NO.

DATE:

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04/21/05

## SPECIFICATIONS

This post shall be manufactured using steel conforming to AASHTO M 183/M 183M (ASTM A 36/A 36M). The section shall be manufactured such that it conforms to the geometry and tolerances of AASHTO M 160/M 160M (ASTM A 6/A 6M) for a S3x5.7 [S75x8.5] S-section. After all punching, drilling, stamping and welding is complete, the section shall be galvanized according to AASHTO M 111 (ASTM A 123). All holes shall be punched through both flanges (in-line). All welding shall conform to ANSI/AASHTO/AWS D1.5.

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> ]
PSE01	1.67 [1.1]	2.52 [1.1]	0.455 [0.2]	1.68 [28]	0.39 [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

This post is used in the SGR01a cable guardrail system. Three RCM01 cables shall be attached to the posts using three FBH01 or FBH04 hook bolts.

## CABLE GUARDRAIL POST & WELDED SOIL PLATE

PSE01

SHEET NO.

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