PLAN VIEW

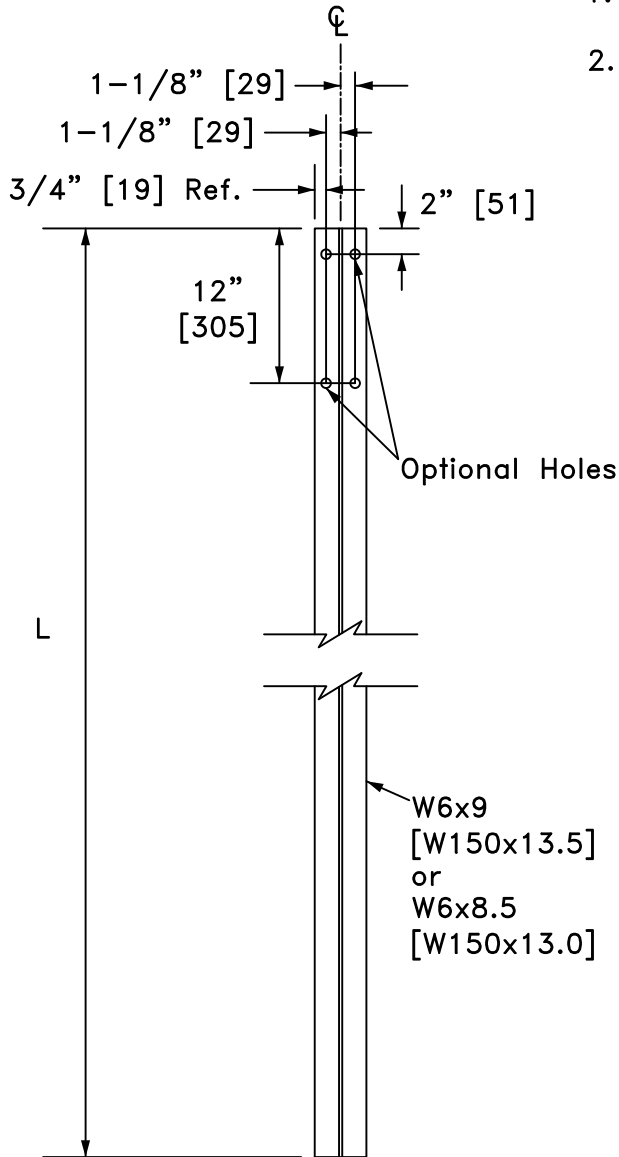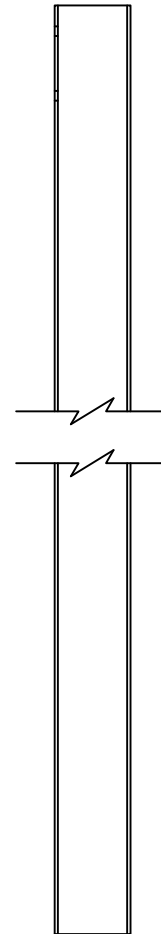| Designator	Length, L
PWE01a	72" [1829]
PWE02a	78" [1981]

NOTES:
1. All holes shown are 3/4" [19] or 13/16" [21] diameter.
2. Additional holes may be specified by governing agencies to accommodate items such as rubrails, double-sided applications, and future overlays.

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1-1/8" [29]

1-1/8" [29]

3/4" [19] Ref.

2" [51]

12" [305]

Optional Holes

L

W6x9 [W150x13.5] or W6x8.5 [W150x13.0]

FRONT/TRAFFIC-SIDE ELEVATION VIEW

SIDE VIEW

WIDE-FLANGE GUARDRAIL POST

PWE01a-02a

TF 13

SPECIFICATIONS

PWE01a and PWE02a guardrail posts shall be manufactured from steel that conforms to any of the following:

- AASHTO M 270/M 270M (ASTM A709/A709M), Grade 36 [250] or Grade 50S [345S] with the exception of supplementary requirements;
- ASTM A36/A36M; or,
- ASTM A992/A992M.

Where corrosion-resistant steel is required, PWE01a and PWE02a guardrail posts shall be manufactured from steel that conforms to the requirements of AASHTO M 270/M 270M (ASTM A709/A709M), Grade 50W [345W] with the exception of supplementary requirements or ASTM A588/A588M.

Dimensions of the guardrail posts cross-section shall conform to W6x9 [W150x13.5] or W6x8.5 [W150x13.0] wide-flange section in accordance with ASTM A6/A6M.

After the section is cut-to-length and all holes are drilled or punched, each guardrail post shall be zinc-coated (hot-dip galvanized) in accordance with AASHTO M 111 (ASTM A123) unless corrosion-resistant steel is used. Where corrosion-resistant steel is used, the portion of the post to be embedded in soil shall be zinc-coated (hot-dip galvanized) in accordance with AASHTO M 111 (ASTM A123) and the portion above the soil shall not be coated, painted, or otherwise treated.

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

Posts PWE01a and PWE02a are used with the following System:

SGR04a, Strong-Post W-Beam Guardrail, Steel Posts, Steel Blockouts.

WIDE-FLANGE GUARDRAIL POST

PWE01a-02a

SHEET NO.	DATE
2 of 2	4/9/2019