

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0361-01	2011	68	169

MKEC

ENGINEERING
CONSULTANTS, INC.

411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

LINCOLN STREET BRIDGE AND
DAM IMPROVEMENTS OVER
ARKANSAS RIVER

HANDRAIL NOTES:

- The rail members shall conform to ASTM designation A36 or equivalent.
- Rail shall be fabricated in lengths to include a minimum of two and a maximum of three panels. Posts shall be set vertical. Shims may be used between concrete and base plates of posts.
- All parts of handrail shall be painted. The primer coat shall conform to the inorganic Zinc system. Surface preparation shall be in accordance with that for structural steel. The finish coat shall be in accordance with water-borne acrylic finish coat. All materials, equipment and labor necessary for the installation of the handrail shall be subsidiary to the bid item.
- The contractor shall submit color chart for approval By the city.
- Posts shall be set vertical. Shims may be used between concrete and base plates of posts. Horizontal members shall be manufactured have a radii conforming to the edge of sidewalk or bridge deck.

PEDESTRIAN
RAIL DETAIL

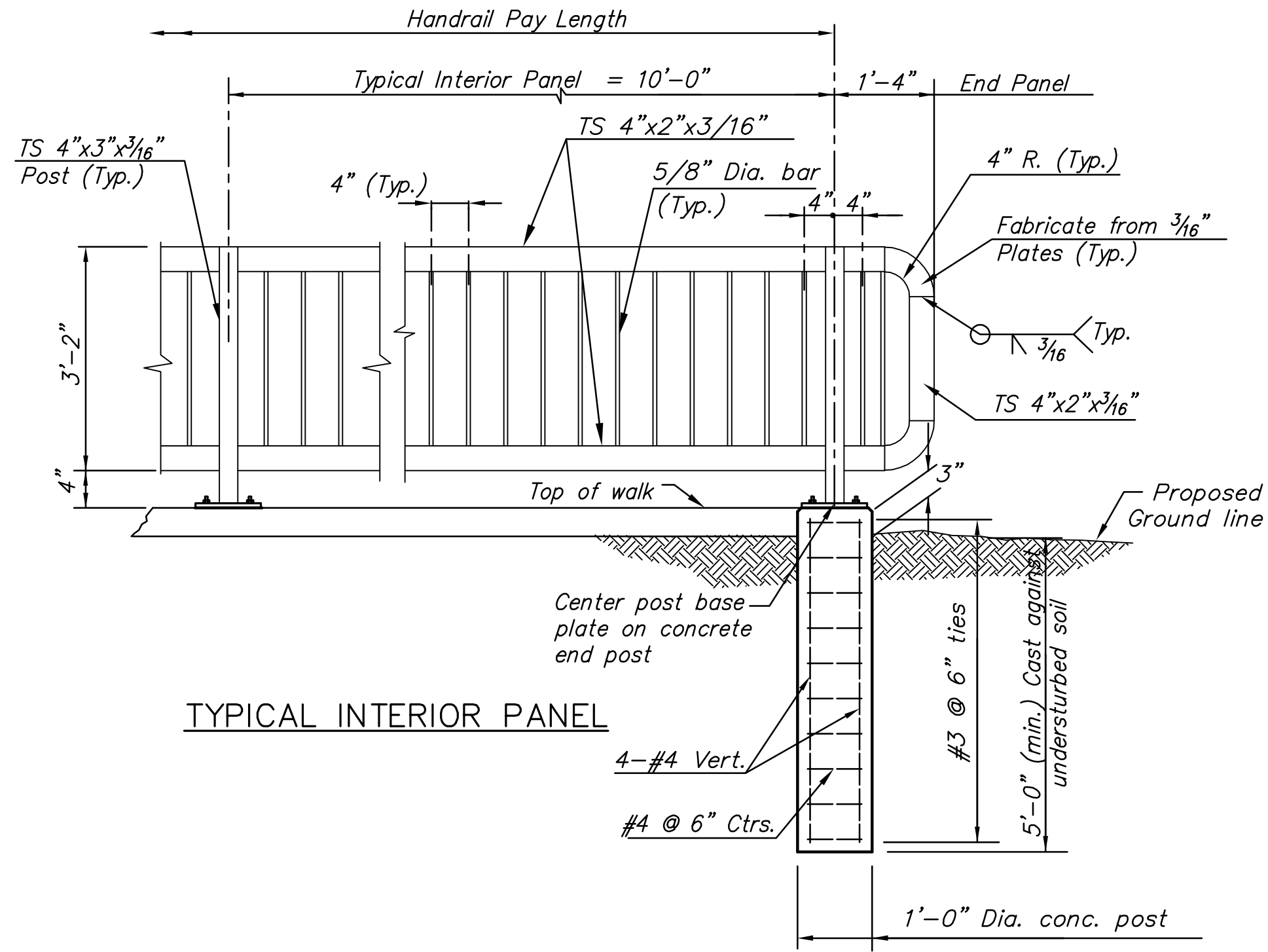
SHEET TITLE
472-84883
PROJECT NUMBER

JRA
DESIGN BY
PJD
DRAWN BY
JRA
CHECKED BY

ISSUED
1/24/2011
REVISED

SHEET NO.
68 of 169

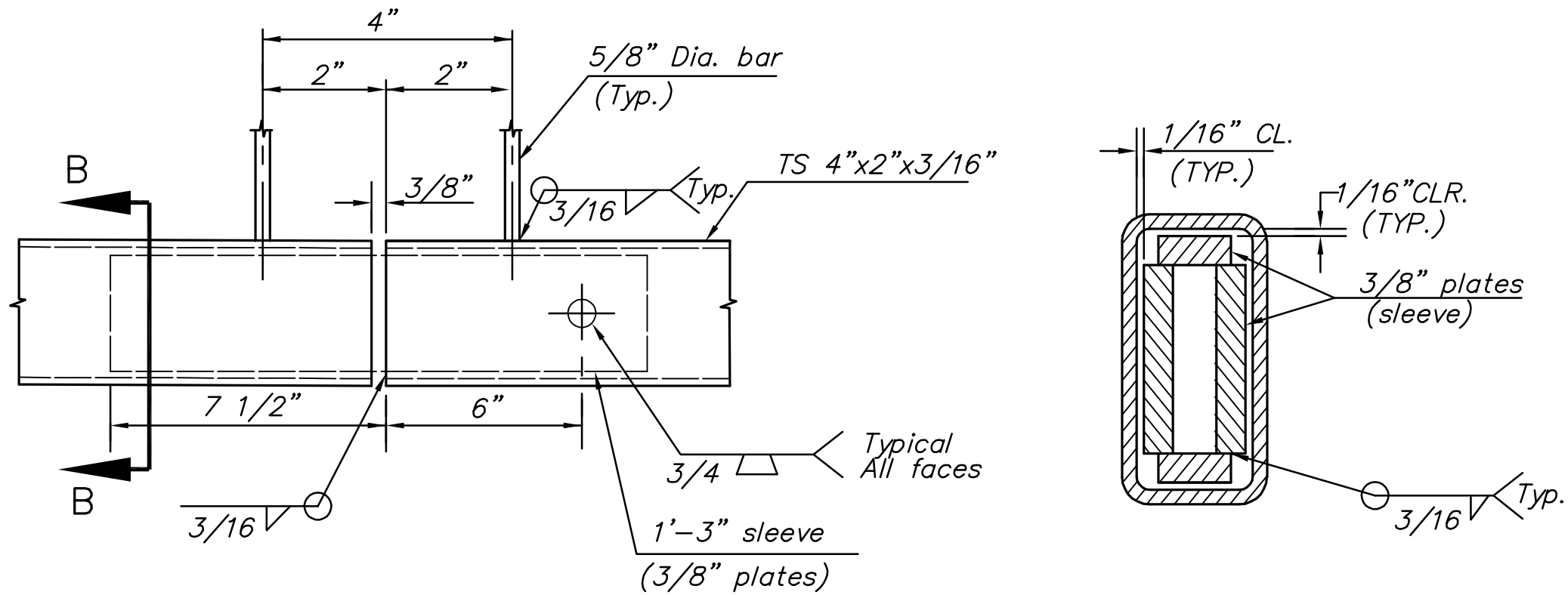
J:\CIVIL\07433\DWG\BRIDGE\PAV\07433 FENCE DETAIL 1A.DWG



TYPICAL INTERIOR PANEL

CONCRETE POST DETAIL

Concrete Footing shall be *Subsidiary* to "Handrail, Pedestrian".
Locate concrete post where specified on plans

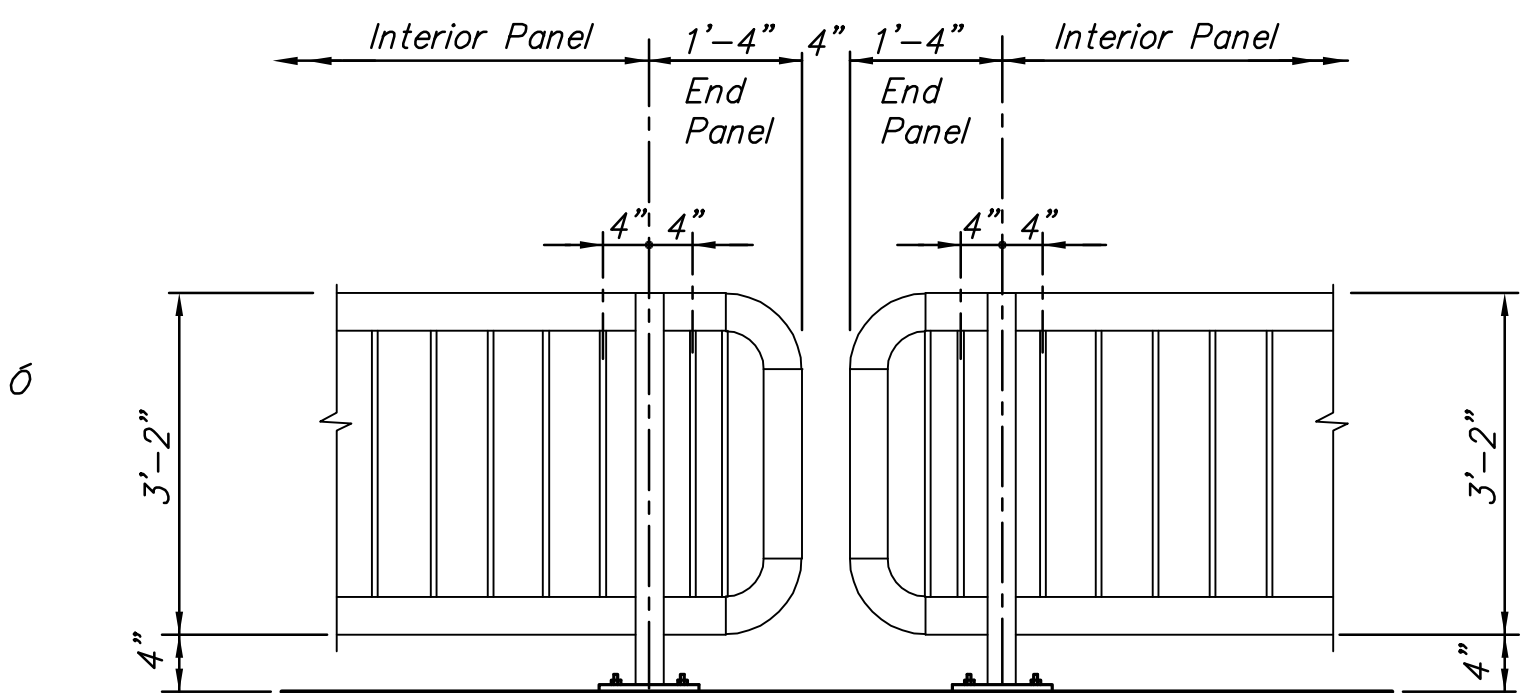


SLEEVE DETAIL

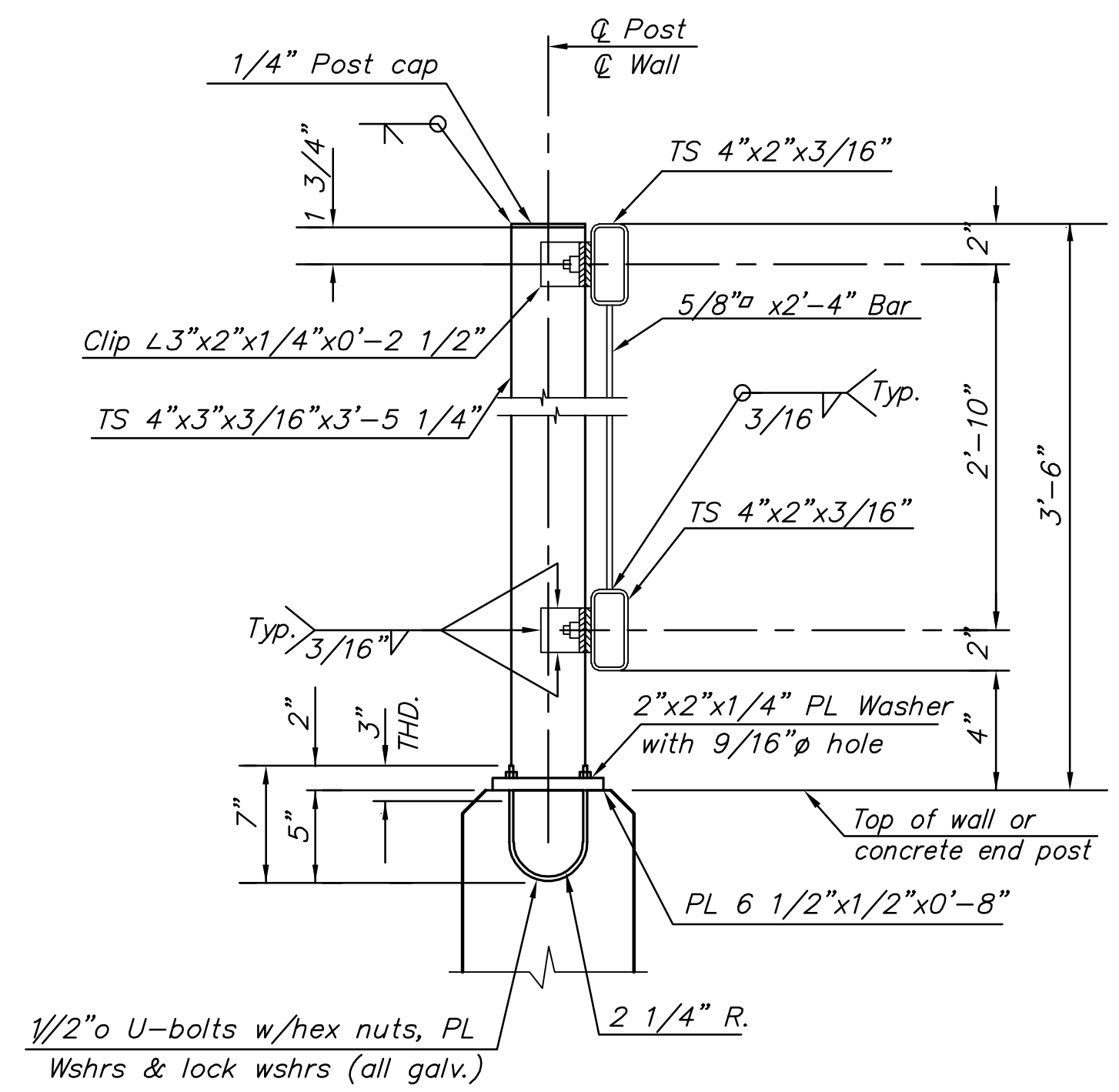
No scale
(bottom rail shown, top rail similar)

SECTION B-B

No scale

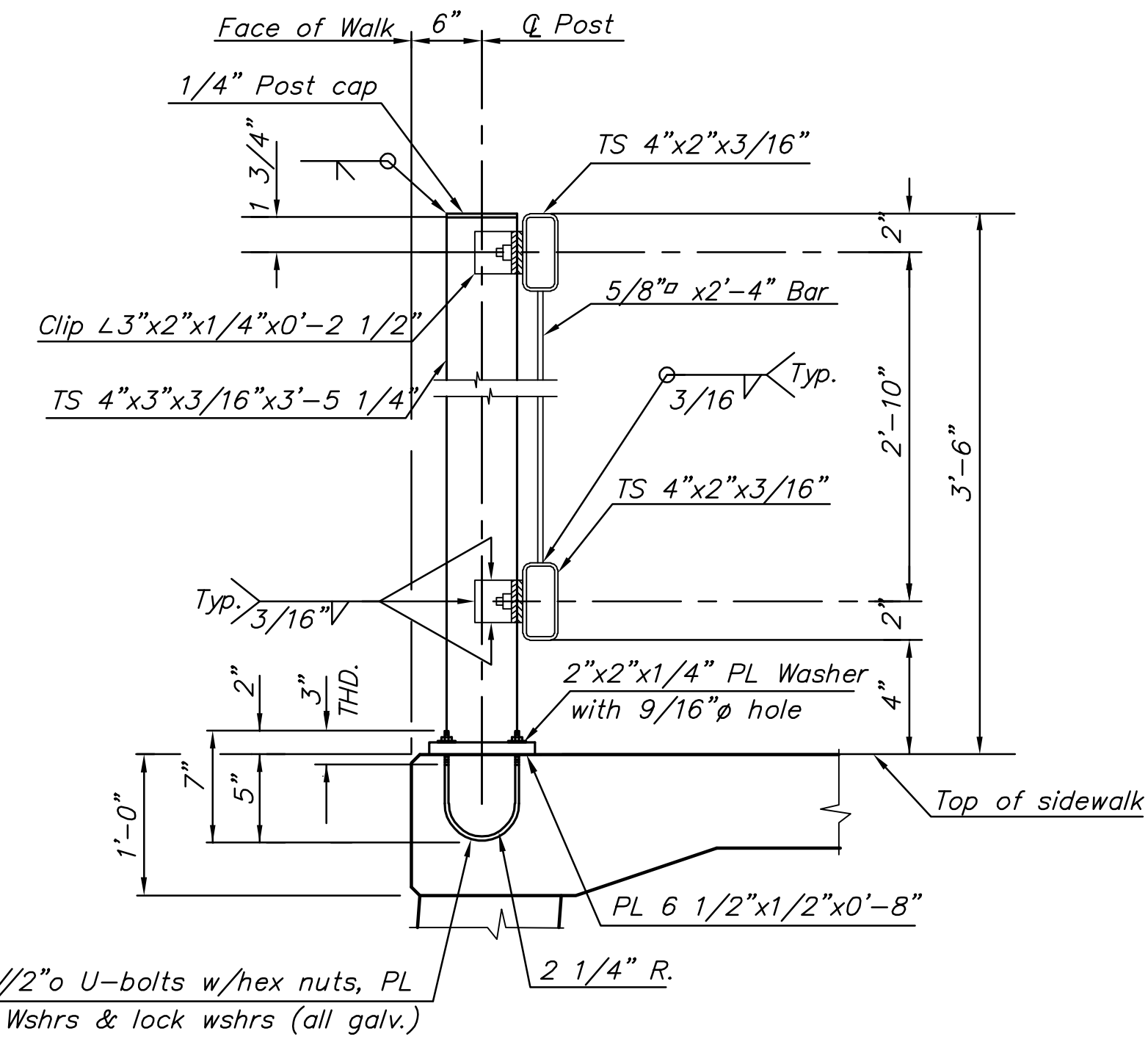


TYPICAL END PANEL



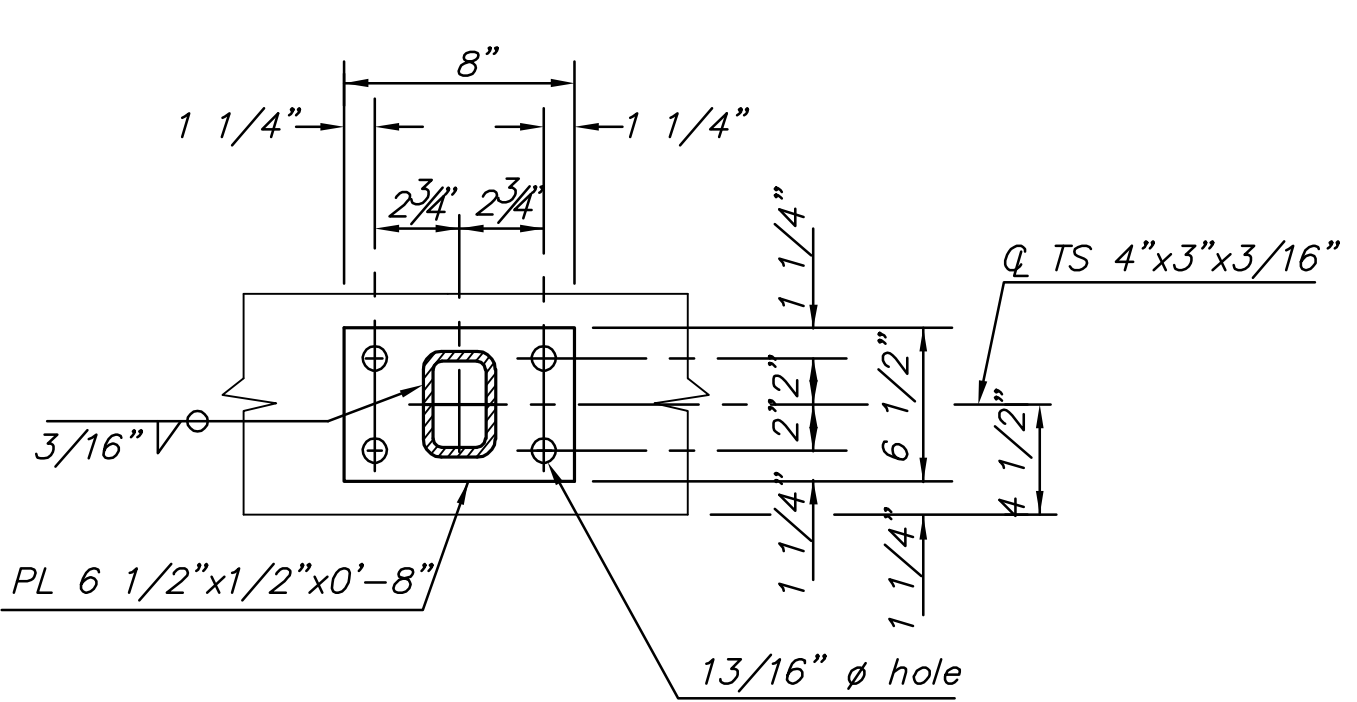
RAIL SECTION AT WALL/POST

No scale



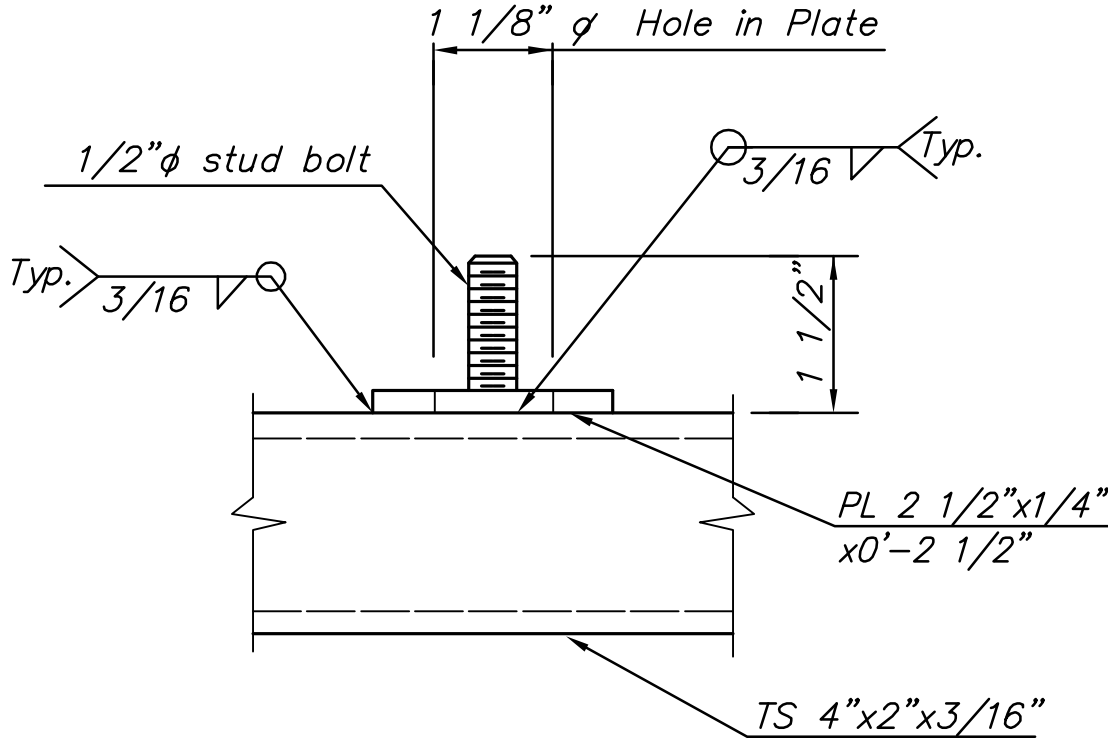
RAIL SECTION AT SIDEWALK

No scale



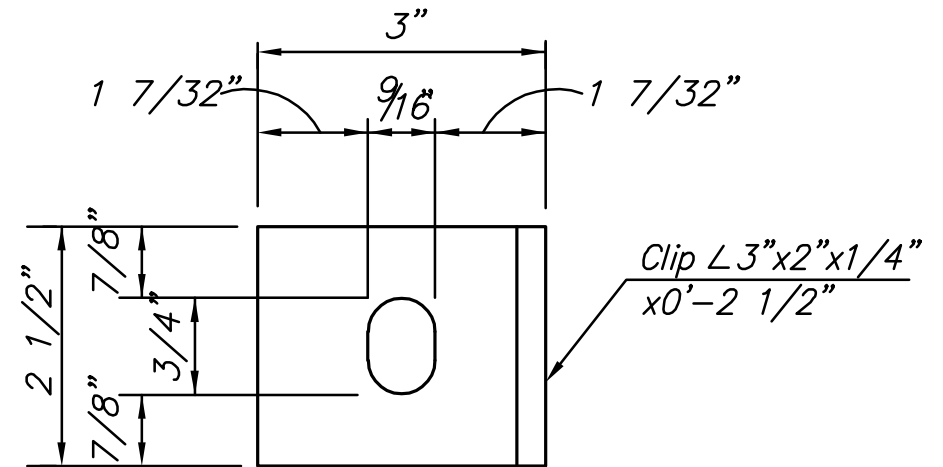
BASE PLATE DETAIL

No scale



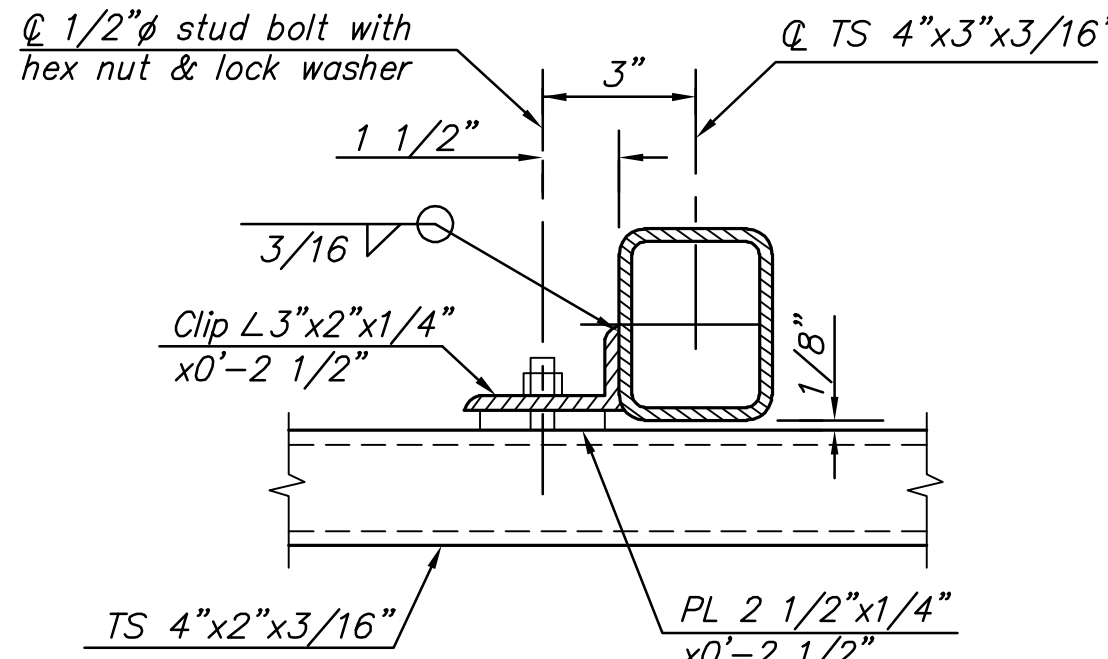
STUD BOLT DETAIL

No scale



CLIP DETAIL

No scale



RAIL CONNECTION DETAIL

No scale

PLOTTED: Tuesday, January 25, 2011 8:46AM