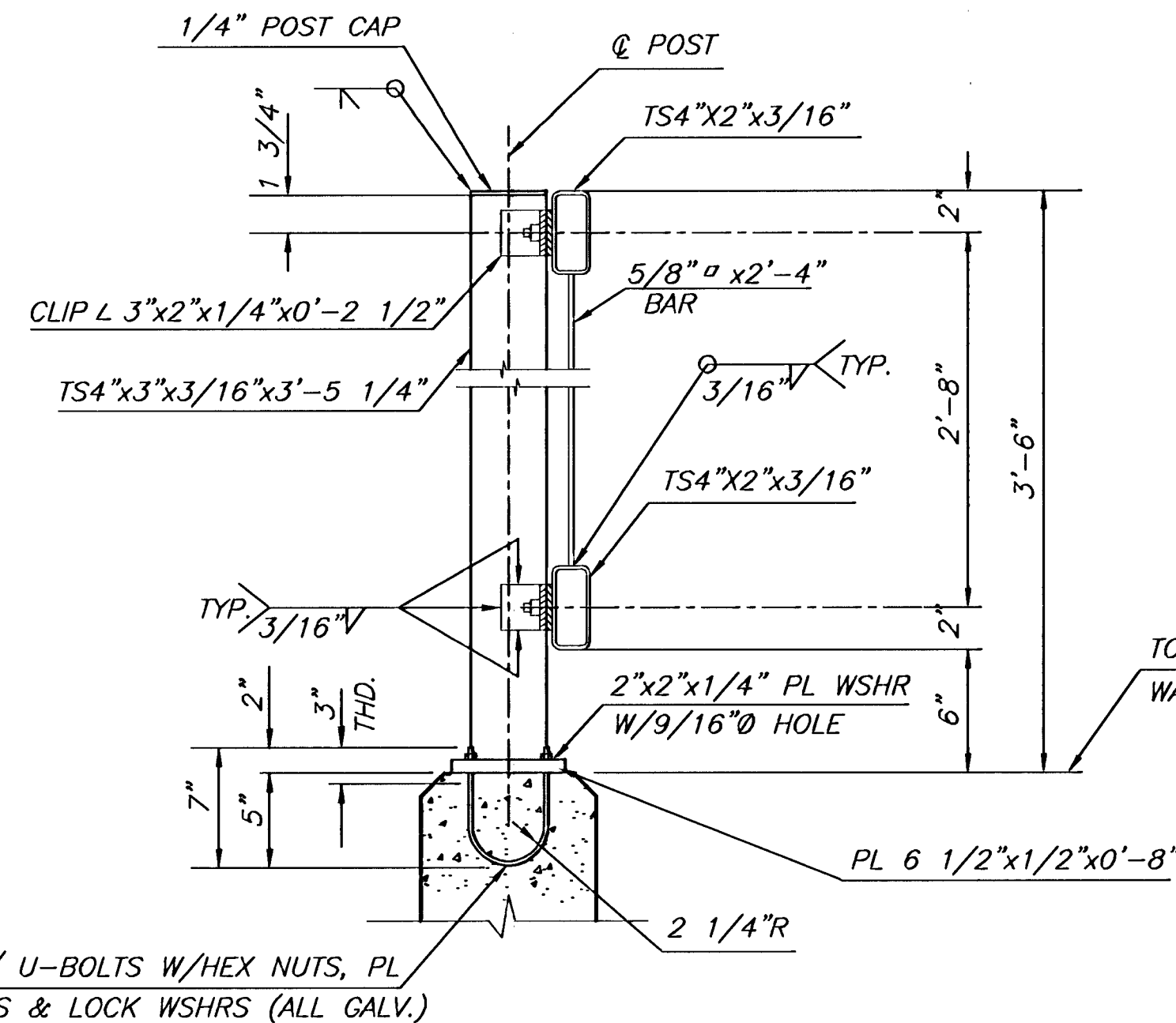
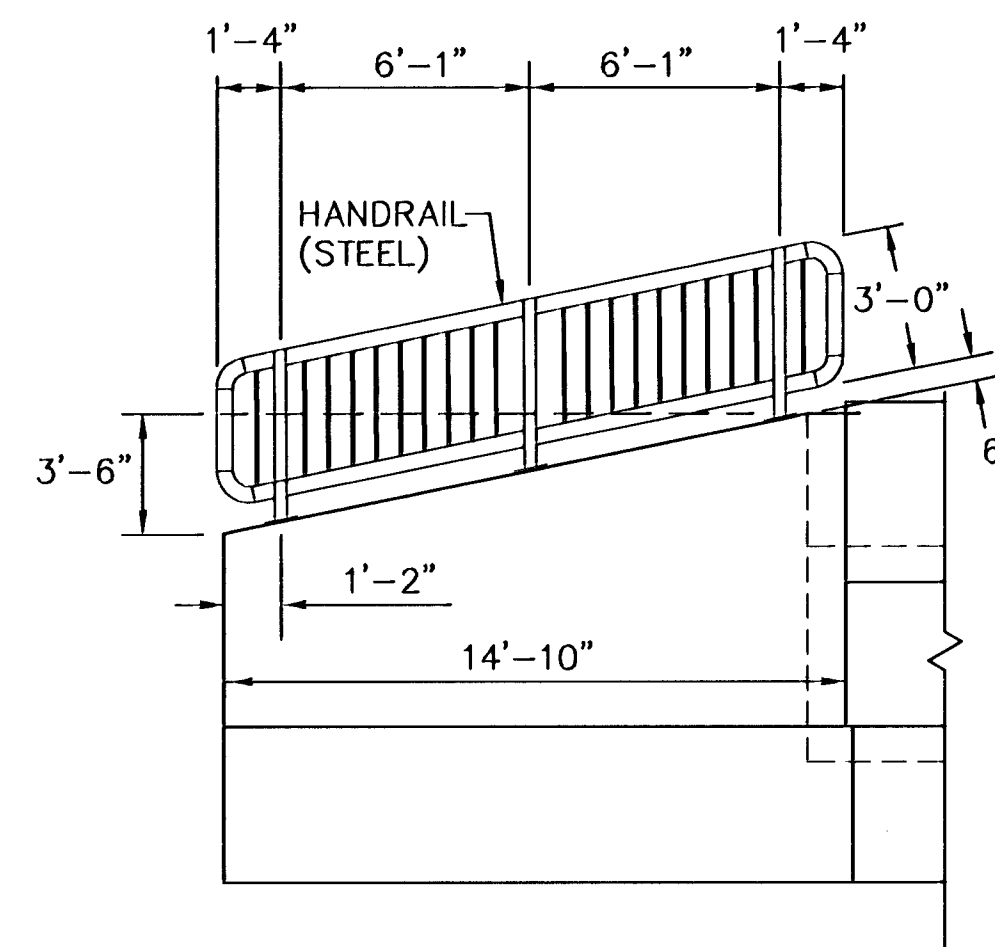
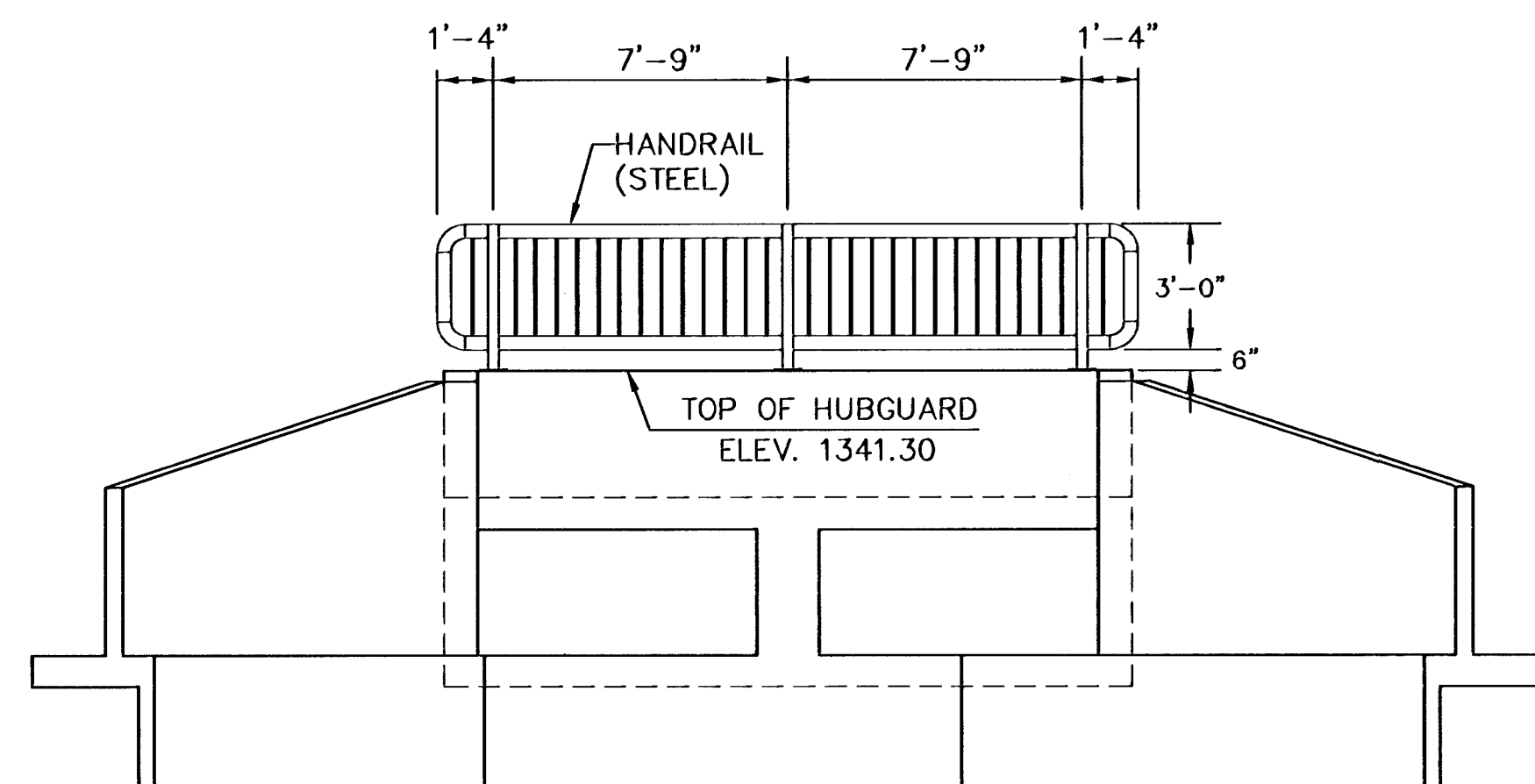




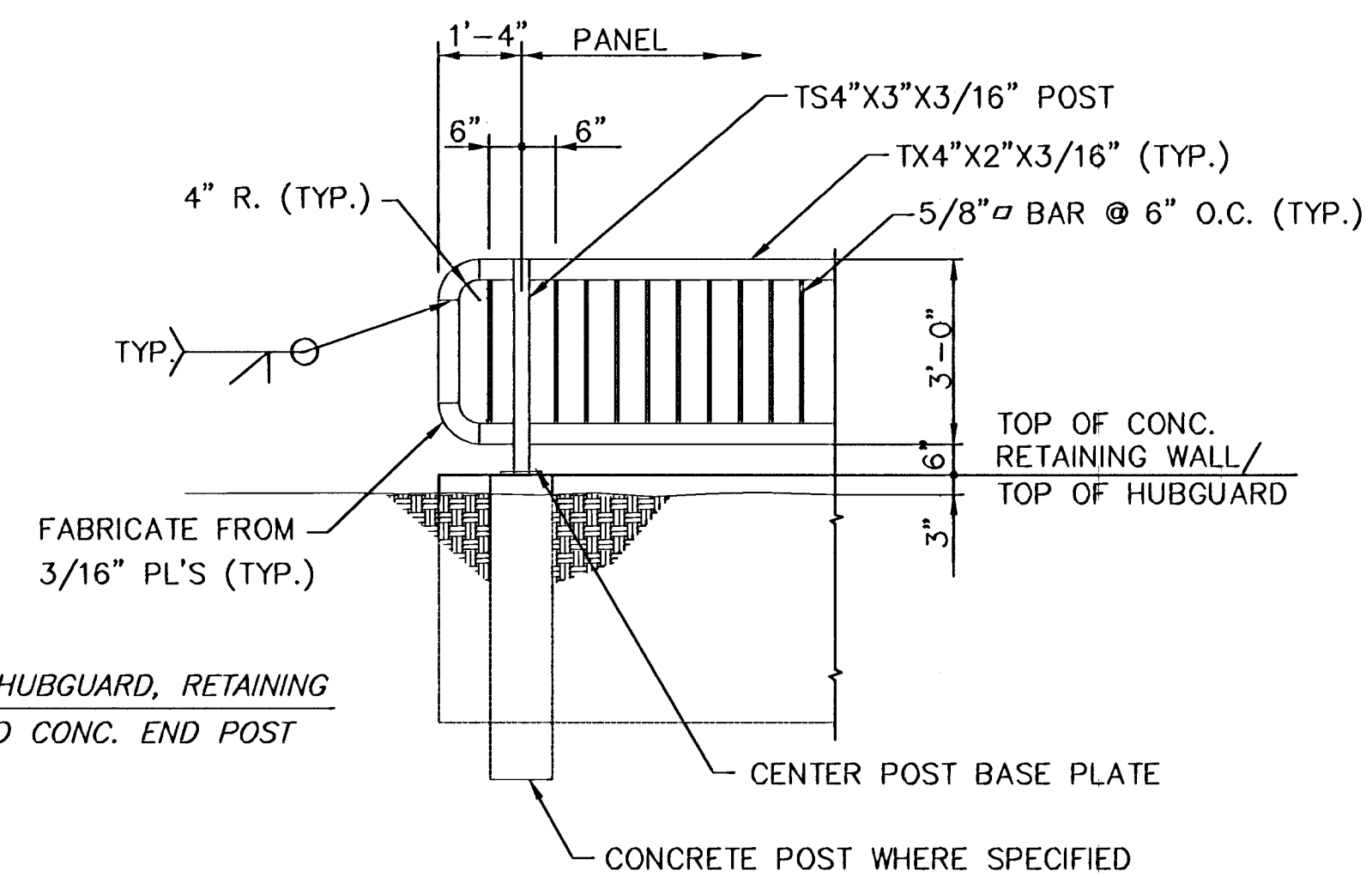
TYPICAL RAIL SECTION
NO SCALE



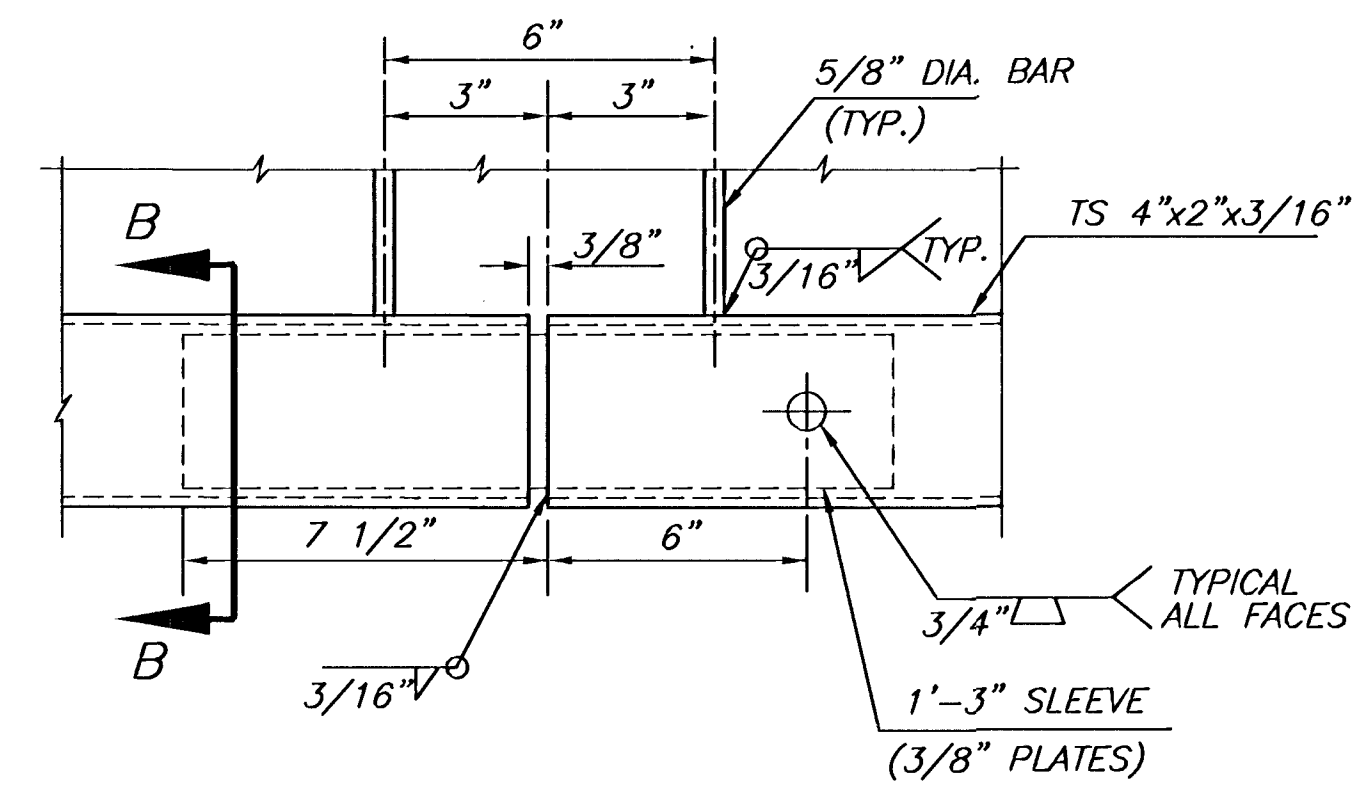
HANDRAIL ELEVATION - WINGWALLS
(2 REQUIRED)



HANDRAIL ELEVATION - HUBGUARD
(2 REQUIRED)

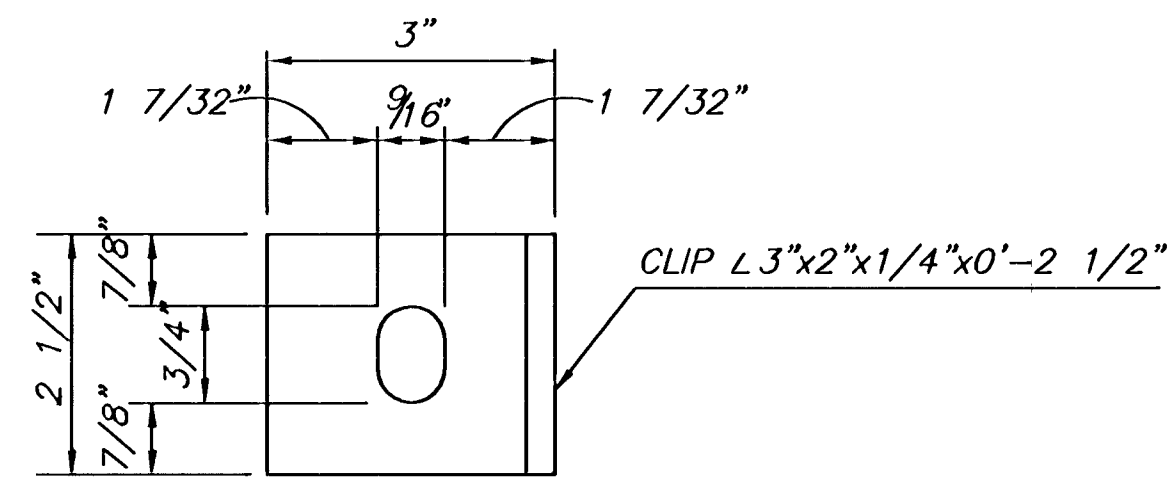


TYPICAL HANDRAIL PANEL DETAIL

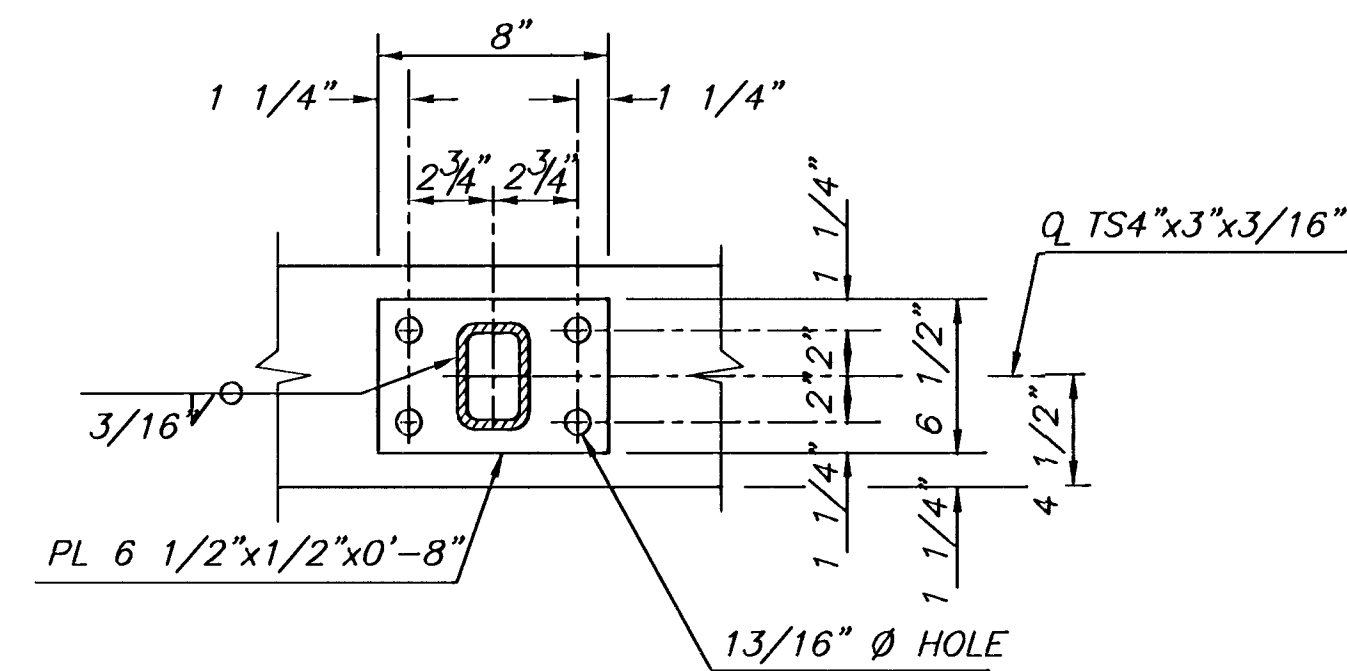


SLEEVE DETAIL

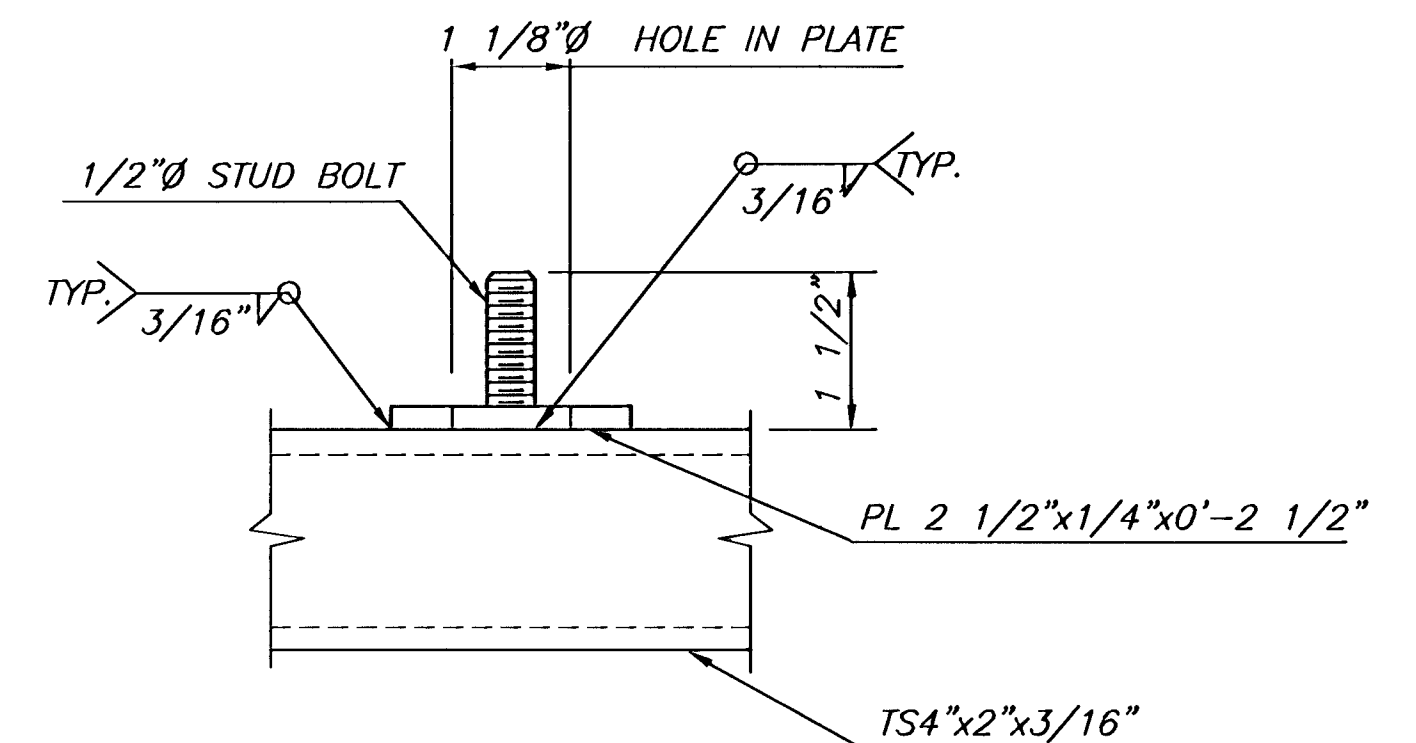
NO SCALE
(BOTTOM RAIL SHOWN, TOP RAIL SIMILAR)



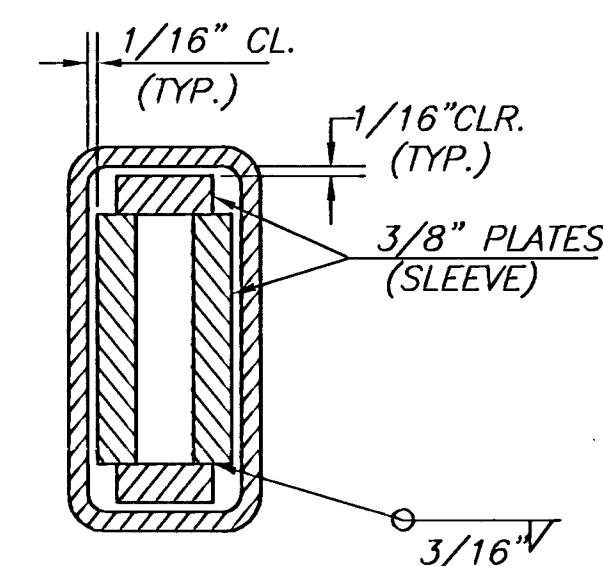
CLIP DETAIL
NO SCALE



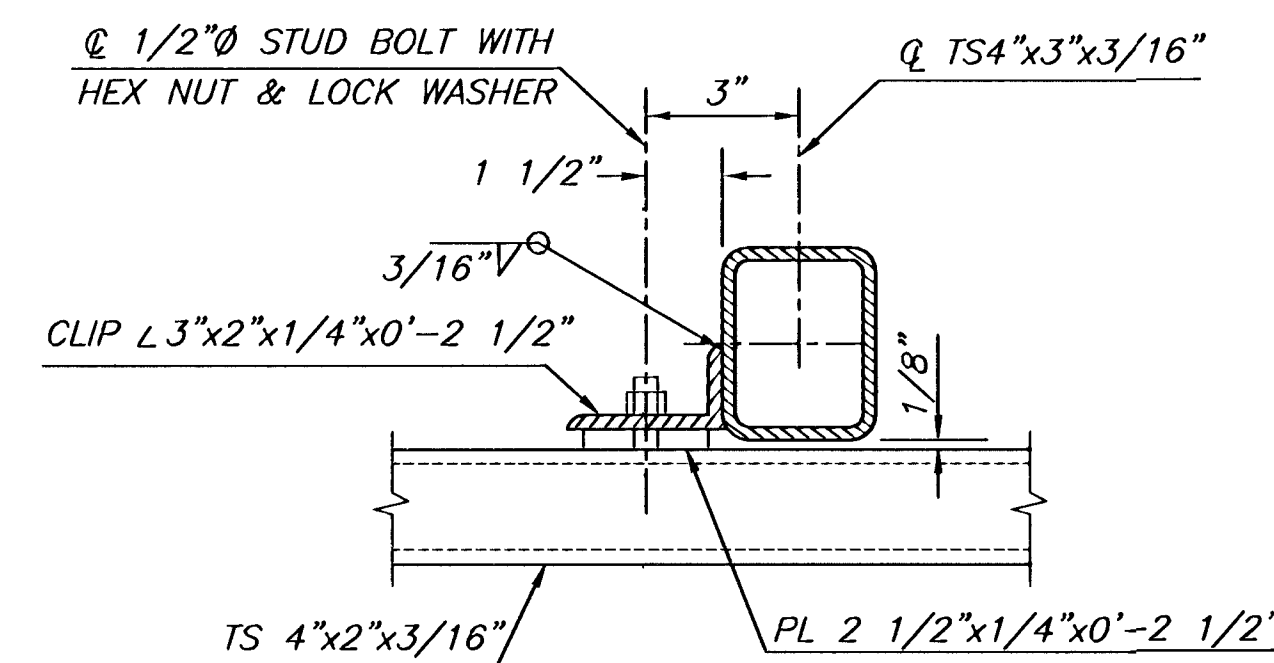
BASE PLATE DETAIL
NO SCALE



STUD BOLT DETAIL
NO SCALE



SECTION B-B
NO SCALE



RAIL CONNECTION DETAIL
NO SCALE

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 waterborne acrylic finish coat. All materials, equipment and labor necessary for the installation of the Handrail shall be subsidiary to the bid item "RCB Handrail".
- Paint shall be *Themec* semi-gloss Hunter Green (pl 20) or an equivalent approved by MKEC. Supply color chart to MKEC for approval prior to painting of handrail.



**WOODLAND LAKES ESTATES
THIRD ADDITION - ZELTA PHASE**
PROJECT NAME

RCB HANDRAIL DETAILS
SHEET TITLE

DFL DESIGN BY:	DMU DRAWN BY:	G/A CHECKED BY:
JULY 2003 DATE	02172 JOB NO.	16 / 32 SHEET/OF

H:\CIVIL\95058\02172.DWG(SWS)\ZELTA\RCB\02172DD9