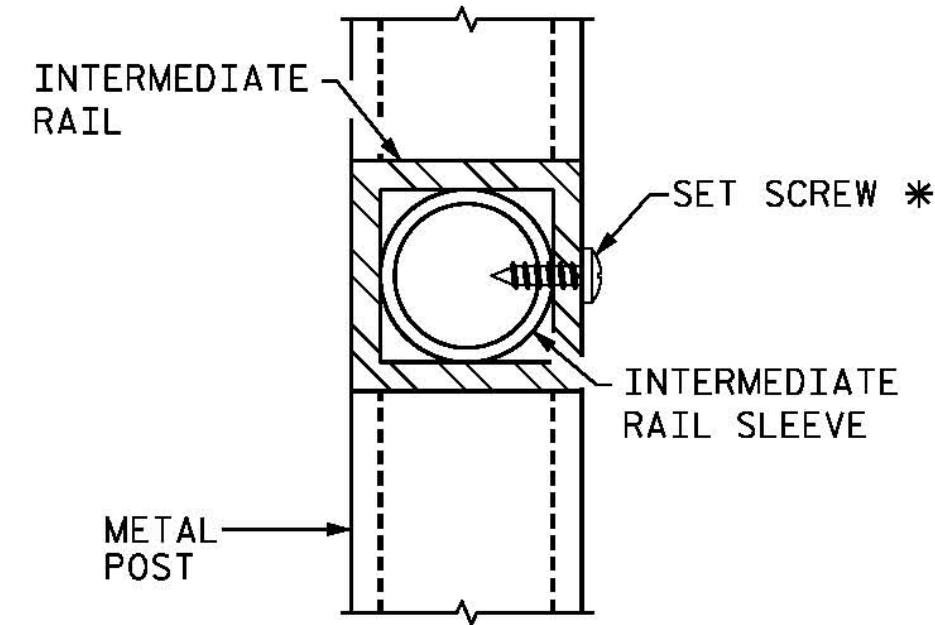


SECTION A-A  
(TOP RAIL CONNECTION)



SECTION B-B  
(INTERMEDIATE RAIL CONNECTION)

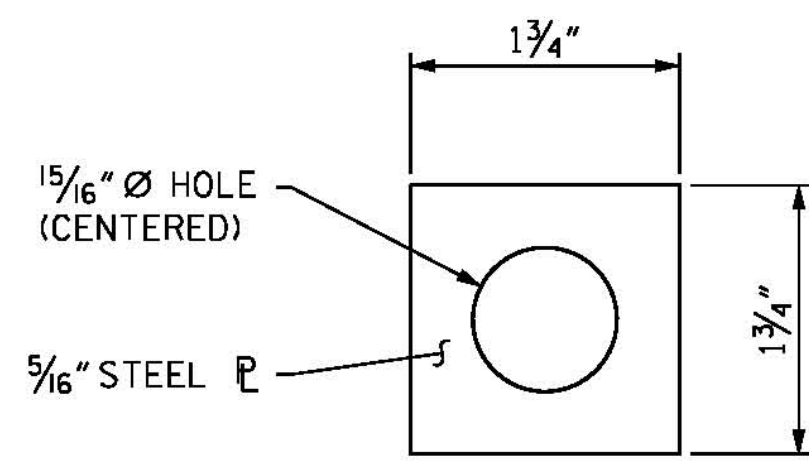
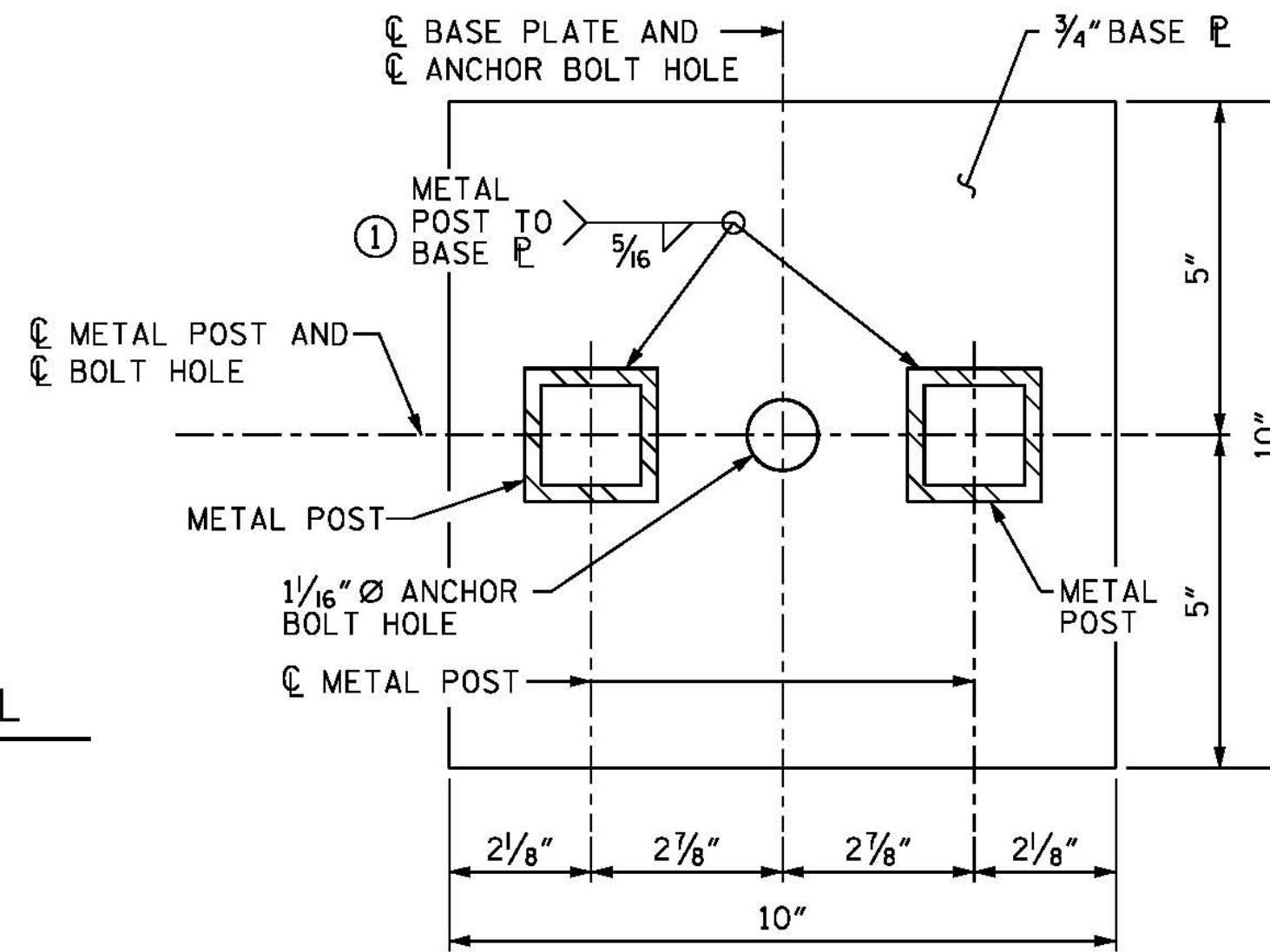
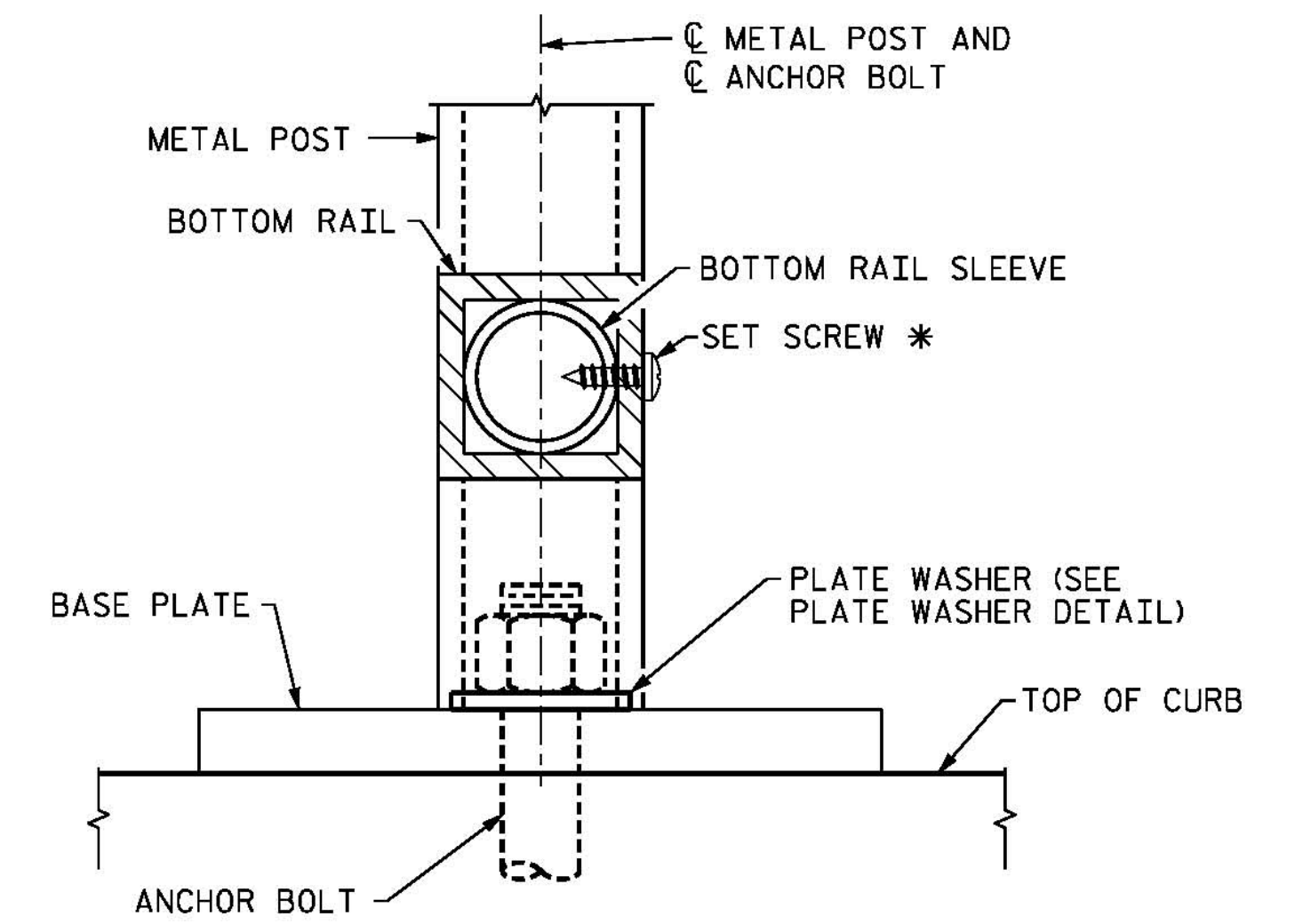


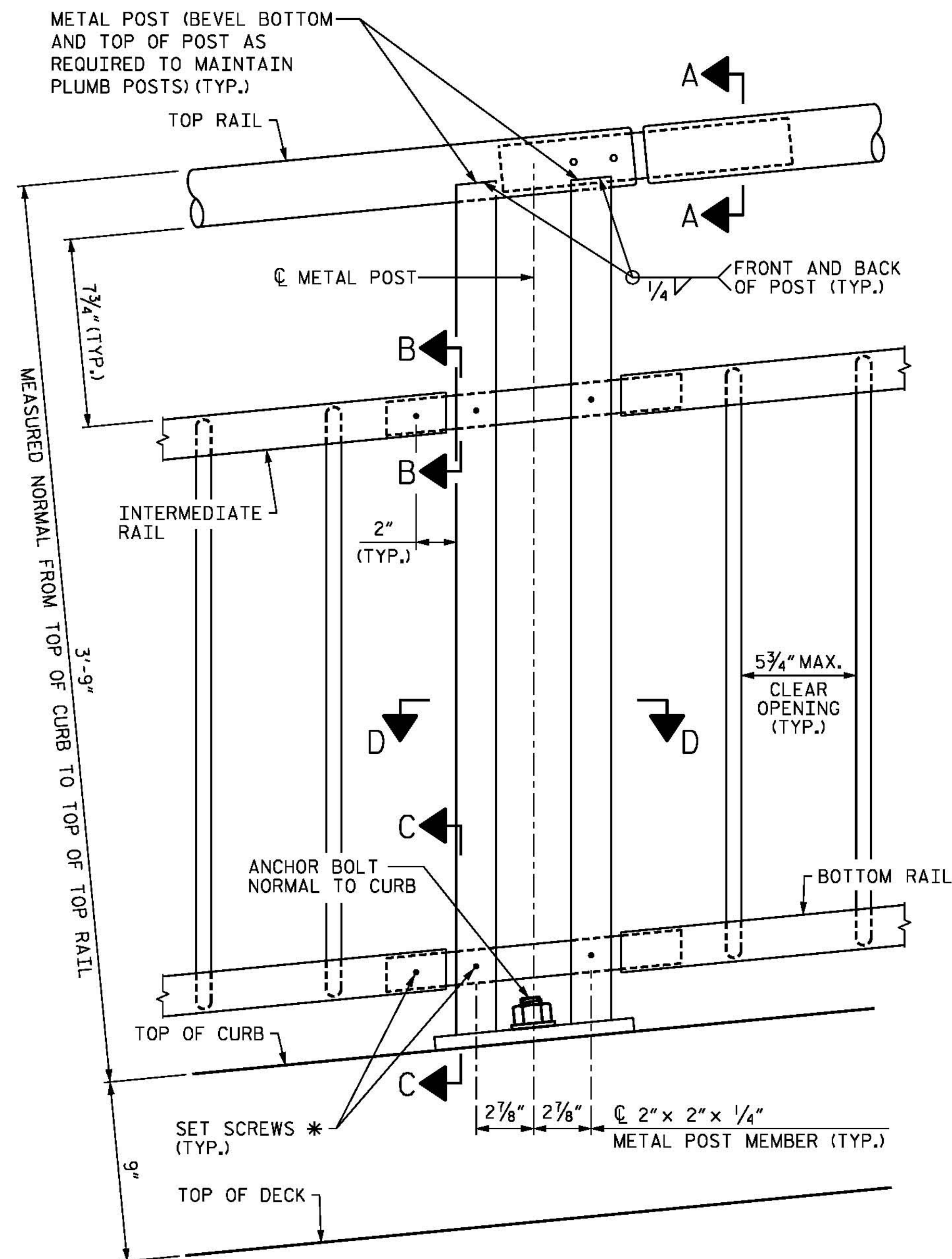
PLATE WASHER DETAIL



SECTION D-D  
(BASE PLATE DETAIL)  
(BOTTOM RAIL NOT SHOWN FOR CLARITY)  
① WELD SHALL BE BUILT OUT TO OBTAIN FULL THROAT THICKNESS.



SECTION C-C  
(BOTTOM RAIL CONNECTION)

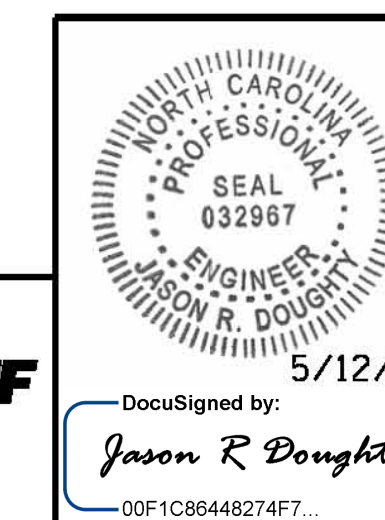


RAIL CONNECTIONS AT METAL POSTS

\* 1/4" x 3/4" PAN HEAD ALUMINUM (ALLOY 2024-T4 OR 7075-T73) OR STAINLESS STEEL (TYPE 316 OR 18-8 ALLOY) SET SCREWS. SCREWS MUST BE SET FLUSH AGAINST THE OUTSIDE FACE OF RAILS AND POSTS. A SINGLE 3/4" PLUG WELD MAY BE SUBSTITUTED FOR THE SET SCREWS.

PROJECT NO. B-4929  
PENDER COUNTY  
STATION: 38+13.81 -L2-

SHEET 3 OF 13



**PARSONS BRINCKERHOFF**  
434 FAYETTEVILLE STREET  
SUITE 1500  
RALEIGH, NC 27601  
LICENSE NO. F-0165

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
PEDESTRIAN RAILING  
DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-121
1			3			TOTAL SHEETS
2			4			278

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

5/10/2016 400\_239\_B4929\_SMU\_PED03.dgn

DESIGNED BY: JRD / EMD DATE: OCT 2015  
DRAWN BY: K. WHITE DATE: OCT 2015  
CHECKED BY: J. SHERMAN DATE: JAN 2016  
DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016