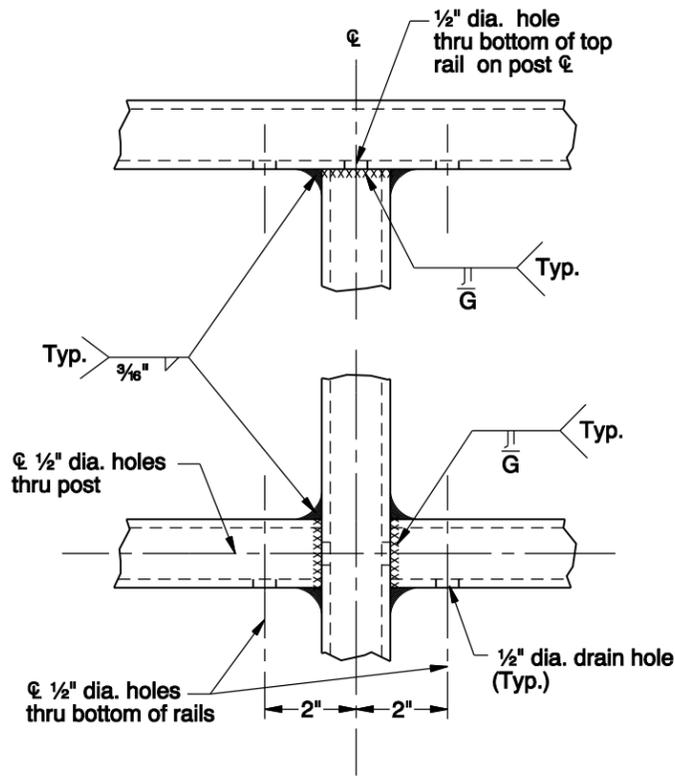
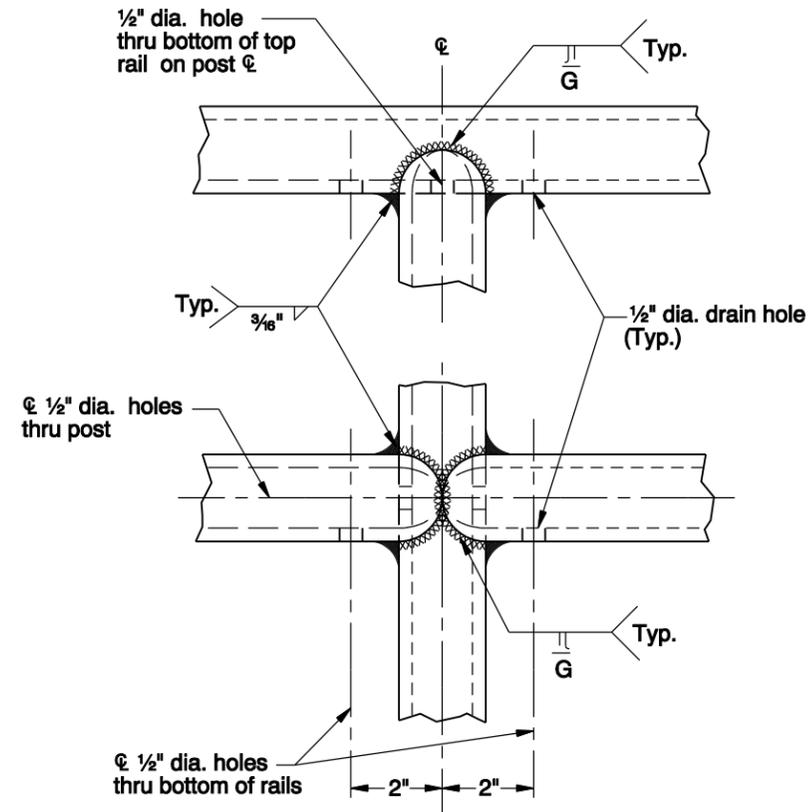


rd771.dgn 31-DEC-2008



WELD DETAILS FOR STEEL TUBING



WELD DETAILS FOR STEEL PIPE

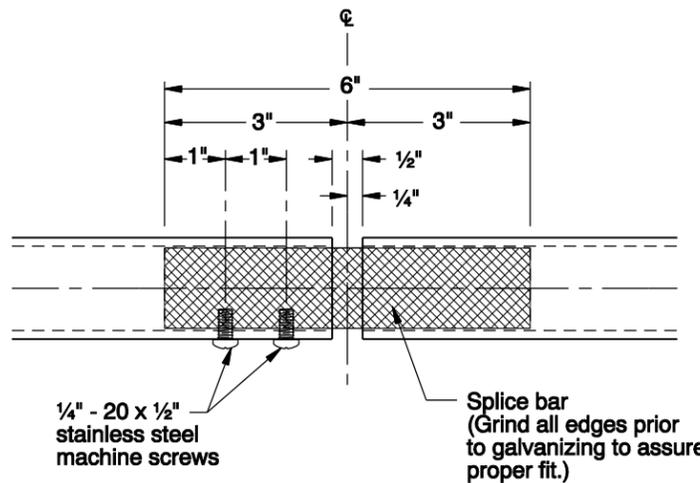
MATERIAL TABLES

STEEL PIPE POST & RAIL MEMBERS				ROUND SPLICE BAR
NOM. DIA.	SCH.	O.D.	I.D.	O.D.
1"	5	1.315"	1.185"	1"
	10	1.315"	1.097"	
	40	1.315"	1.049"	
1 1/4"	5	1.660"	1.530"	1 1/4"
	10	1.660"	1.442"	
	40	1.660"	1.380"	
1 1/2"	5	1.900"	1.770"	1 1/2"
	10	1.900"	1.682"	
	40	1.900"	1.610"	

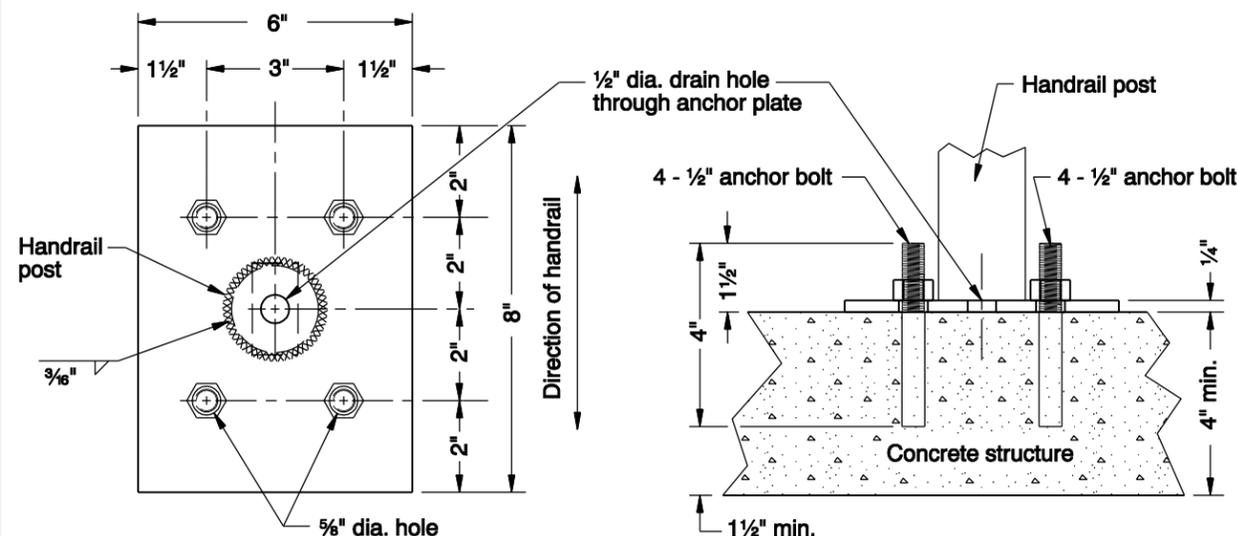
RECTANGULAR STRUCTURAL STEEL TUBING POST & RAIL MEMBERS		RECTANGULAR SPLICE BAR
Outside Dimensions	Wall Thickness	Outside Dimensions
2" x 1"	1/8"	3/4" x 3/4"
1 1/4" x 1 1/4"	1/8"	3/4" x 3/4"
1 1/2" x 1 1/2"	1/8"	1" x 1"
	3/16"	3/4" x 3/4"

GENERAL NOTES FOR ALL DETAILS:

- Details are based on United States Access Board Standards.
- Select materials from table. Posts and rails shall be identical material. Structural steel tubing shall conform to ASTM specification A500, grade B. Rectangular material shall have the wider dimension on the top of the rail.
- Posts shall be vertical. The top rail shall be continuous over a minimum of two posts.
- On structure, the railing shall conform to the vertical alignment of the structure. Rails shall have a splice in the post space occurring at expansion joints.
- On grade, rails shall have splices at intervals not to exceed 100'.
- Hot-dip galvanize all parts after fabrication.
- See Std Drg. RD770 for details not shown.
- See Std Drg. RD120 for concrete stairway.



SPLICE DETAIL



PLAN VIEW

SIDE VIEW

ANCHOR PLATE FOR BOLT DOWN OPTION

CALC. BOOK NO. N/A

BASELINE REPORT DATE 10-DEC-2008

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

PEDESTRIAN HANDRAIL DETAILS

2008

DATE REVISION DESCRIPTION

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

RD771