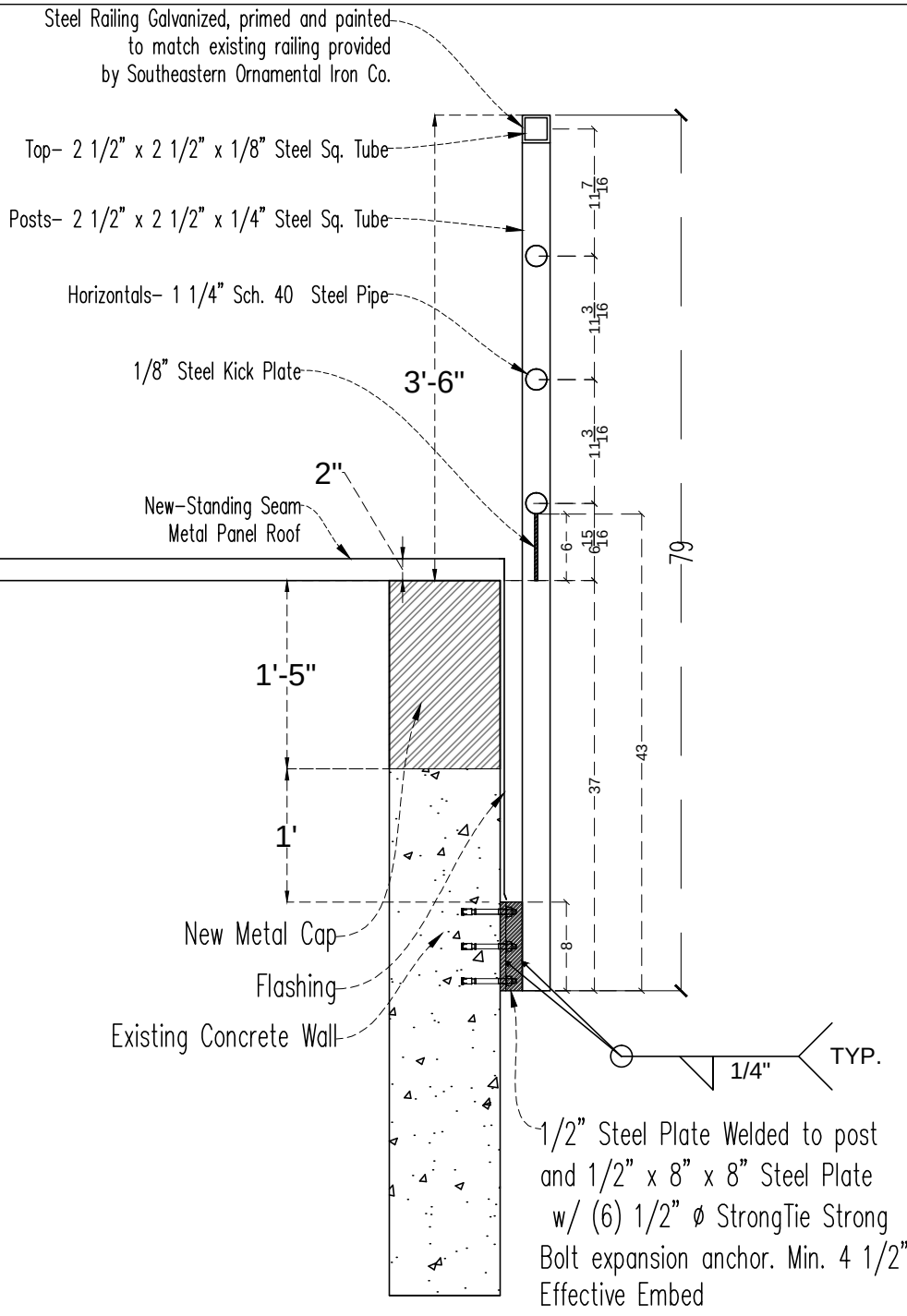
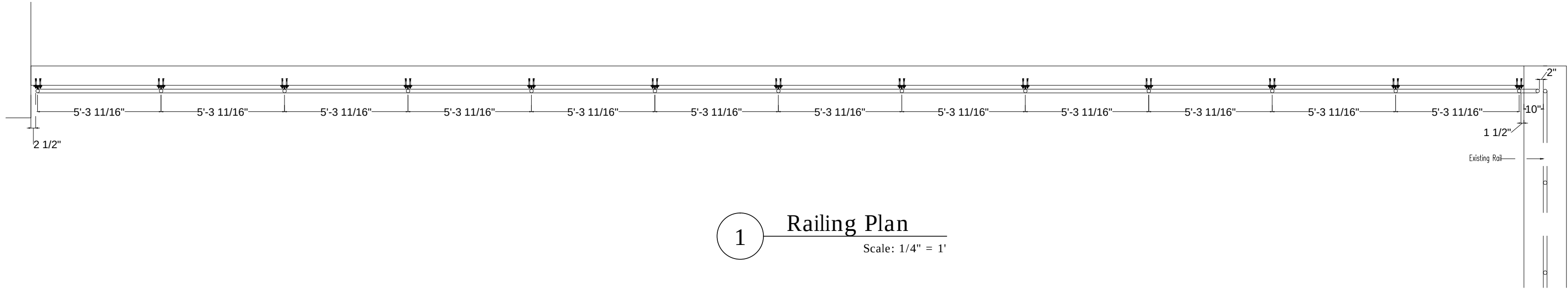


3 Railing Detail
Scale: 3/4" = 1'

STEEL GENERAL NOTES

- STRUCTURAL STEEL:
 - WIDE FLANGE SHAPES (W SECTIONS) - ASTM A992, GRADE 50, FY= 50 KSI
 - CHANNELS, ANGLES, PLATES, RODS, AND BARS - A36, FY = 36 KSI
 - SQUARE AND RECTANGULAR TUBES ASTM A500 - GRADE B, FY= 46 KSI
 - PIPES ASTM A53- GRADE B, FY= 36 KSI
- ANCHOR BOLTS AND THREADED RODS SHALL CONFORM TO ASTM A36 OR A307.
- DESIGN, FABRICATION AND ERECTION: AISC MANUAL OF STEEL CONSTRUCTION, ASD.
- WHERE STEEL MEMBERS ARE WELDED AND NO SIZE IS SPECIFIED, PROVIDE FULL LENGTH FILLET WELDS BOTH SIDES OF MEMBER. WELD SIZES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:

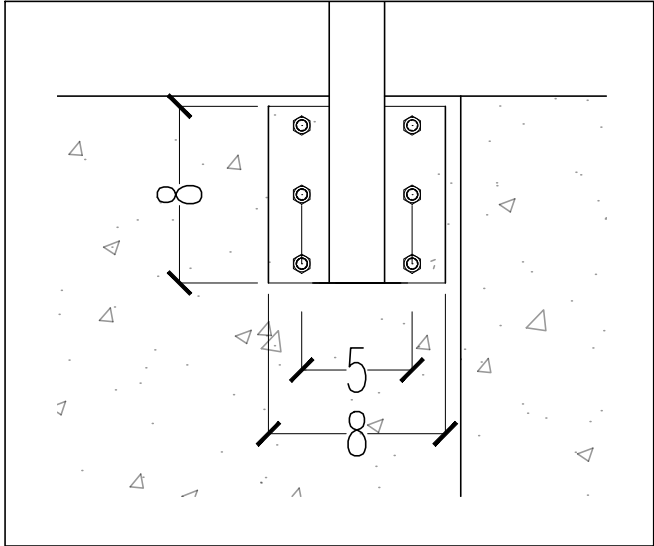
MEMBER THICKNESS (INCHES)	WELD	SIZE (INCHES)
3/16		3/16
1/4		3/16
5/16		3/16
3/8		1/4
7/16		1/4
1/2		5/16
9/16		3/8
5/8		7/16

- SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ENGINEER AS TO LOCATION AND TYPE OF SPLICE TO BE MADE. ANY MEMBER HAVING A SPLICE NOT SHOWN AND DETAILED ON SHOP DRAWINGS WILL BE REJECTED.
- ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE. USE E70XX SERIES ELECTRODES FOR ALL STRUCTURAL STEEL WELDS.
- SEE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL ITEMS REQUIRED TO BE HOT-DIP GALVANIZED AFTER FABRICATION.
- STRUCTURAL STEEL SHALL BE PUNCHED FOR WOOD BLOCKING, NAILERS, CLIPS AND TIES IN ACCORDANCE WITH ARCHITECTURAL/STRUCTURAL DETAILS.
- ULTRASONIC INSPECTION BY THE TESTING LABORATORY SHALL BE PROVIDED FOR ALL WELDS CALLED FOR ON THE STRUCTURAL DRAWINGS OR SHOP DRAWINGS AS PARTIAL OR FULL PENETRATION WELDS.
- ALL STEEL EXPOSED TO VIEW SHALL BE CLASSIFIED AS ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) AS DEFINED BY THE AISC CODE OF STANDARD PRACTICE AND SHALL BE TREATED AS SUCH.

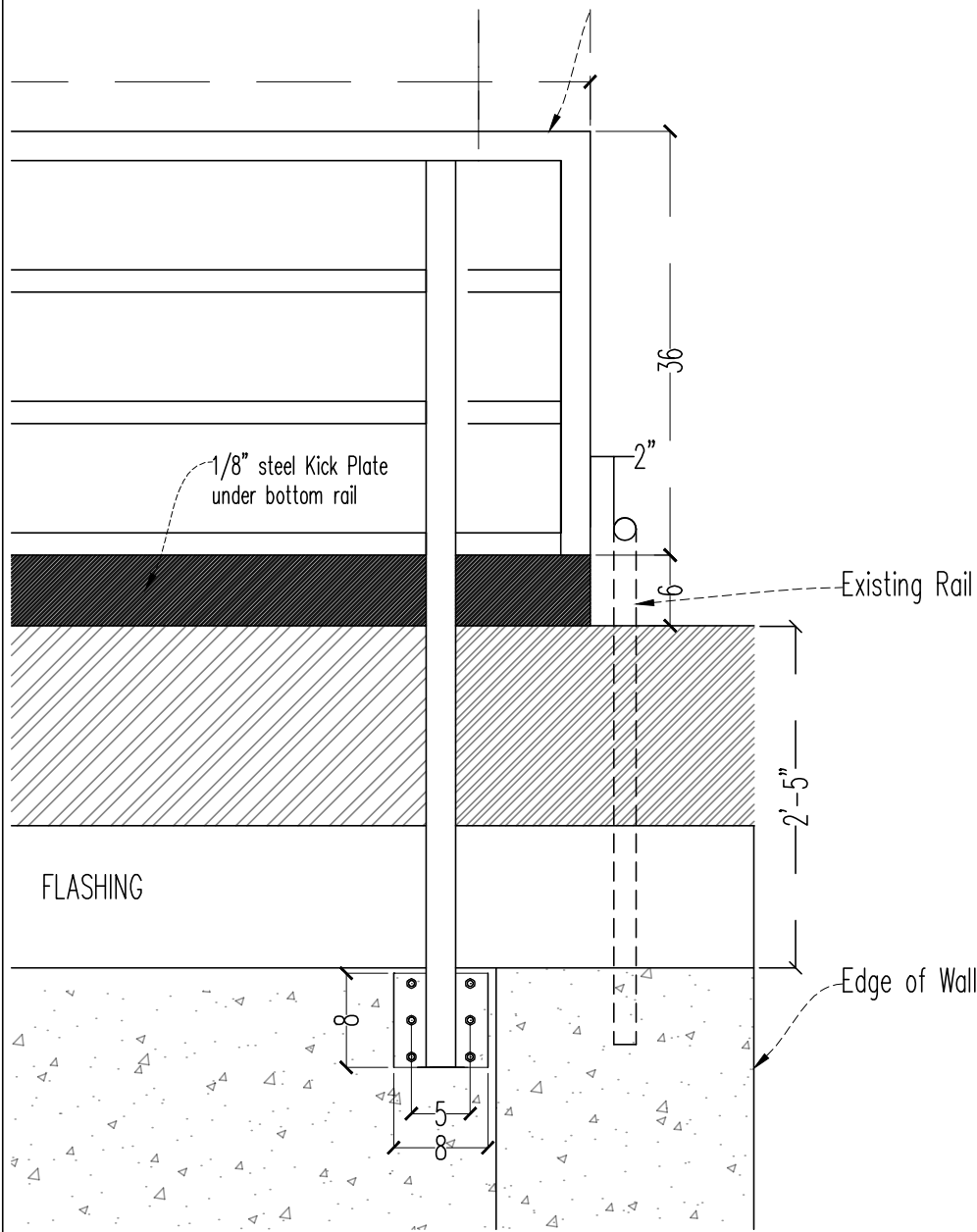
LOAD TABLE

RAIL LOAD: 200 POINT LOAD ANYWHERE ON RAIL OR 50 PLF ALONG RAIL

WIND LOADS: 130 MPH
WIND SPEED: C
EXPOSURE: 1.15
IMPORTANCE: IV
BUILDING CATEGORY:



5 Flange Detail
Scale: NTS



4 Loop At Existing Rail
Scale: 3/4" = 1'

Revision (03)



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Florida CA #27652



Project Name and Address
Wolfson Children's
Hospital

Section:
Roof Top Rail

Date: 05/06/14
Scale: As Noted

Sheet:
01