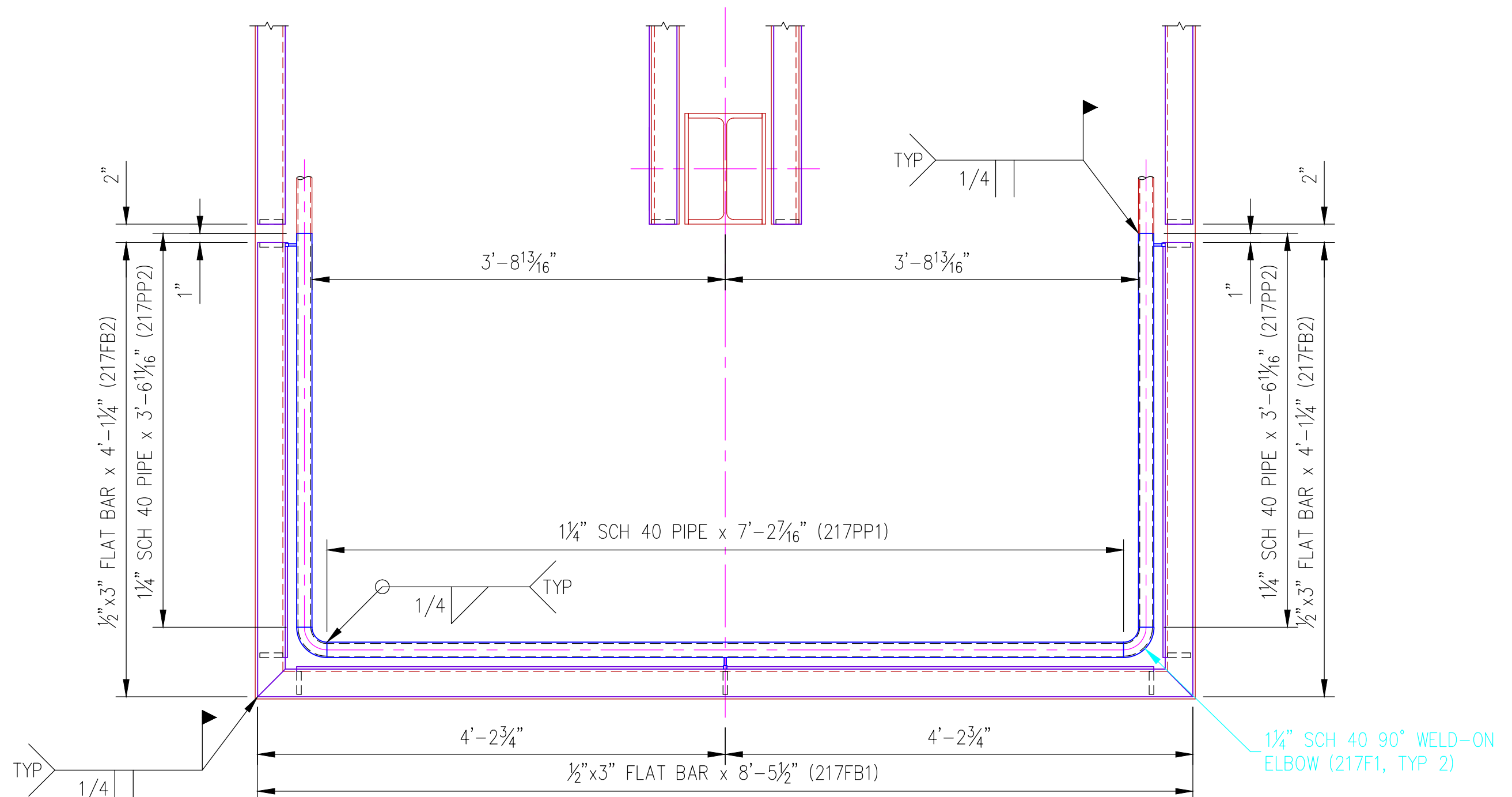
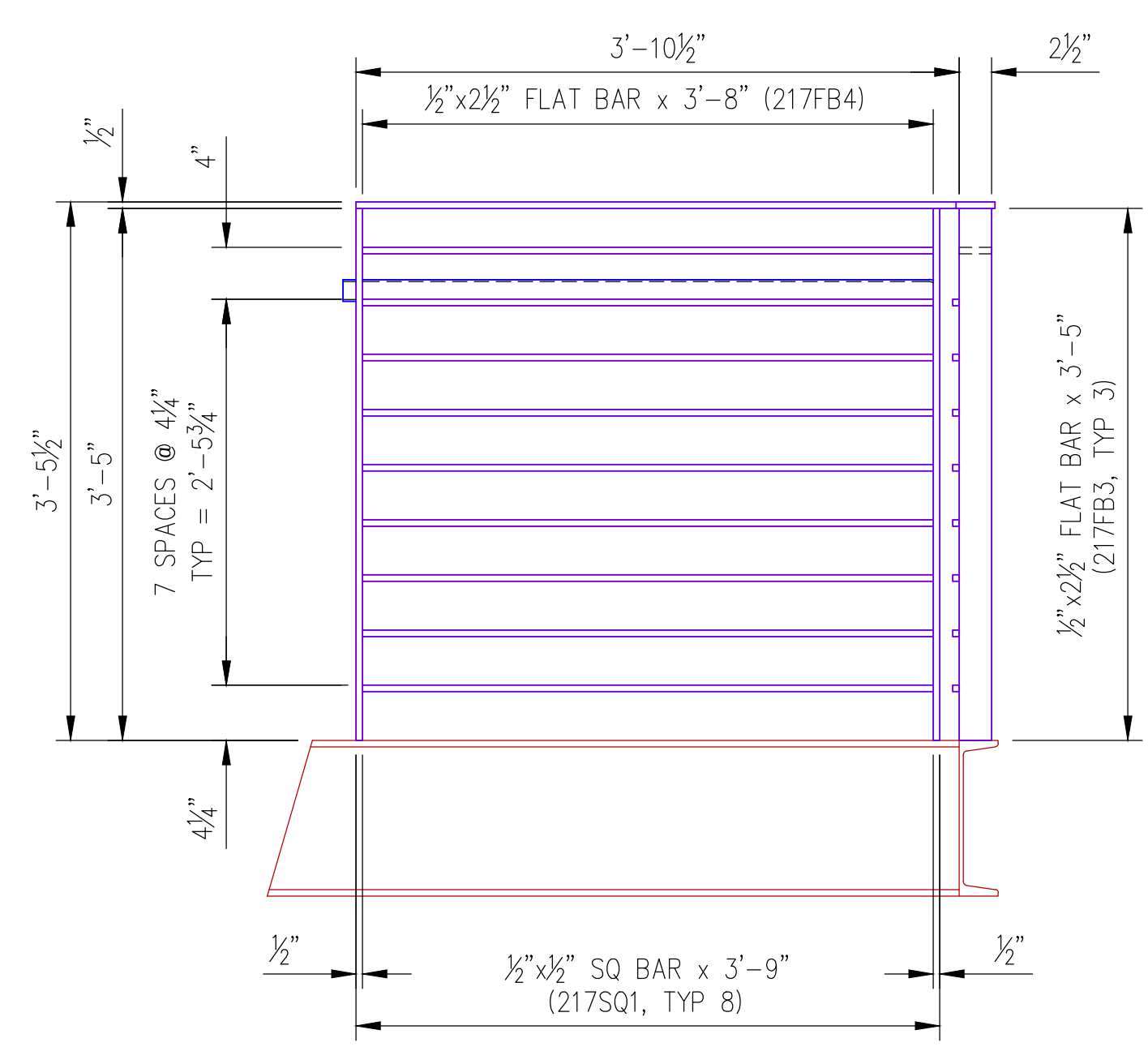


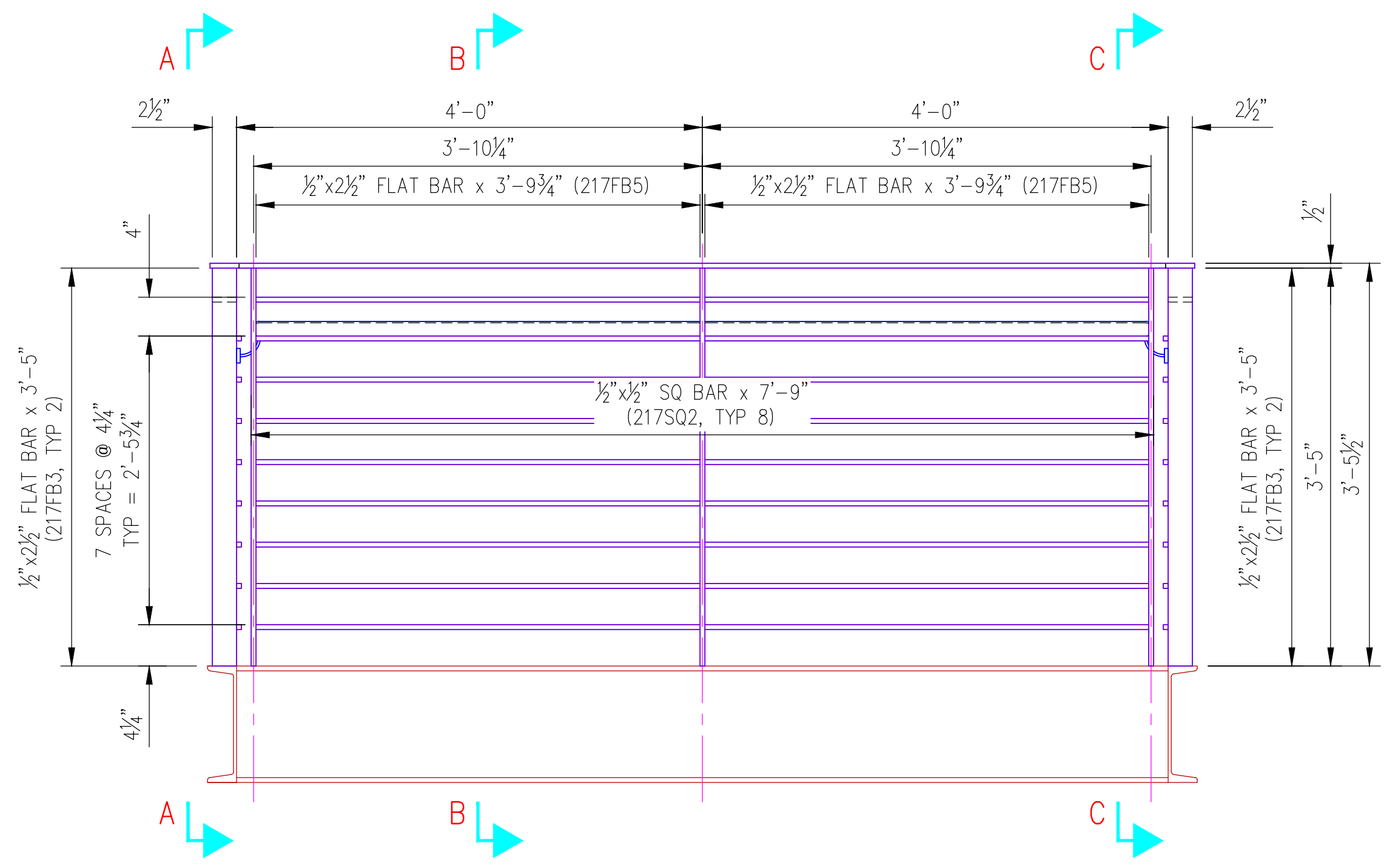
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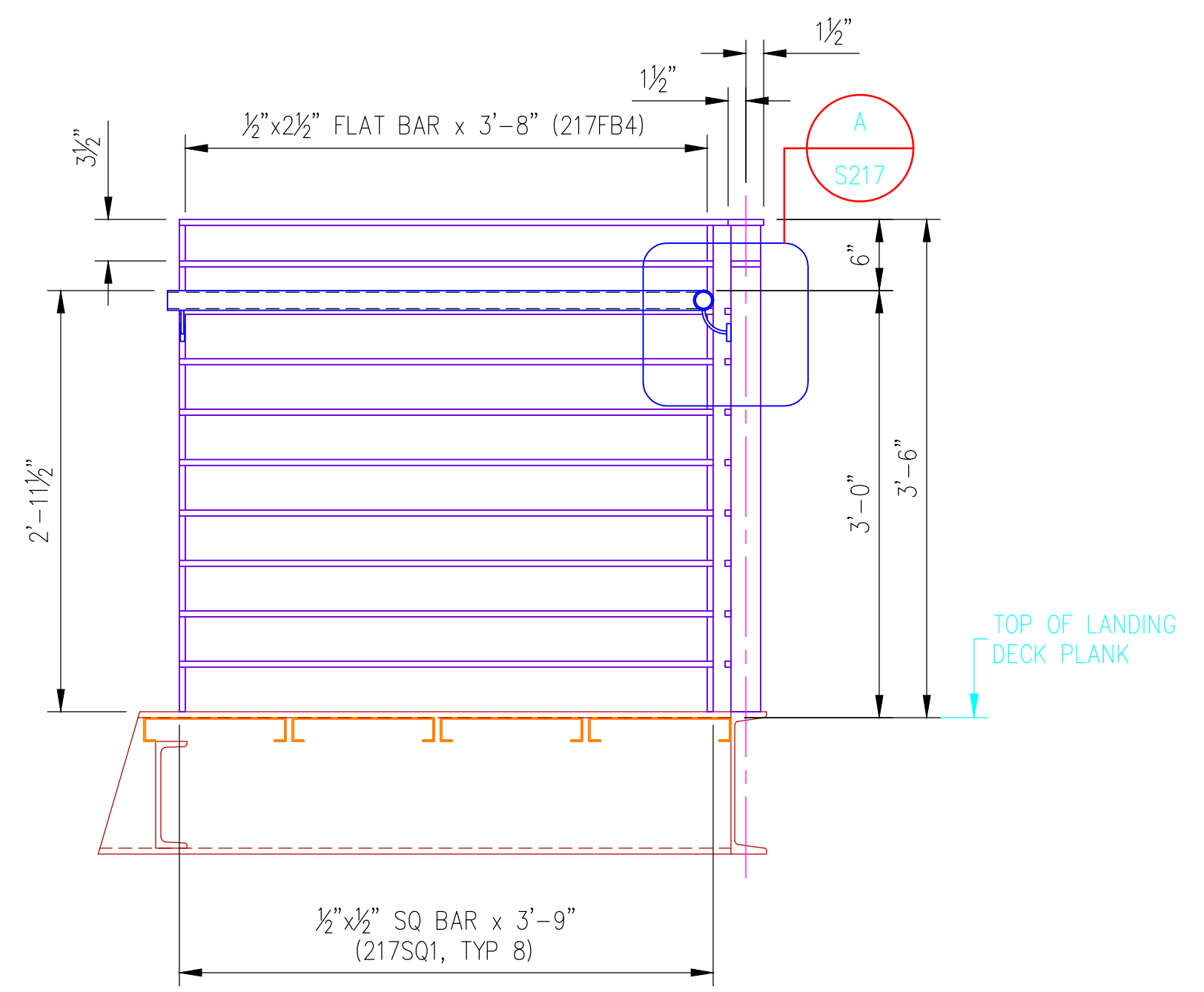
PLAN
LANDING STRUCTURE SHOWN FOR REFERENCE



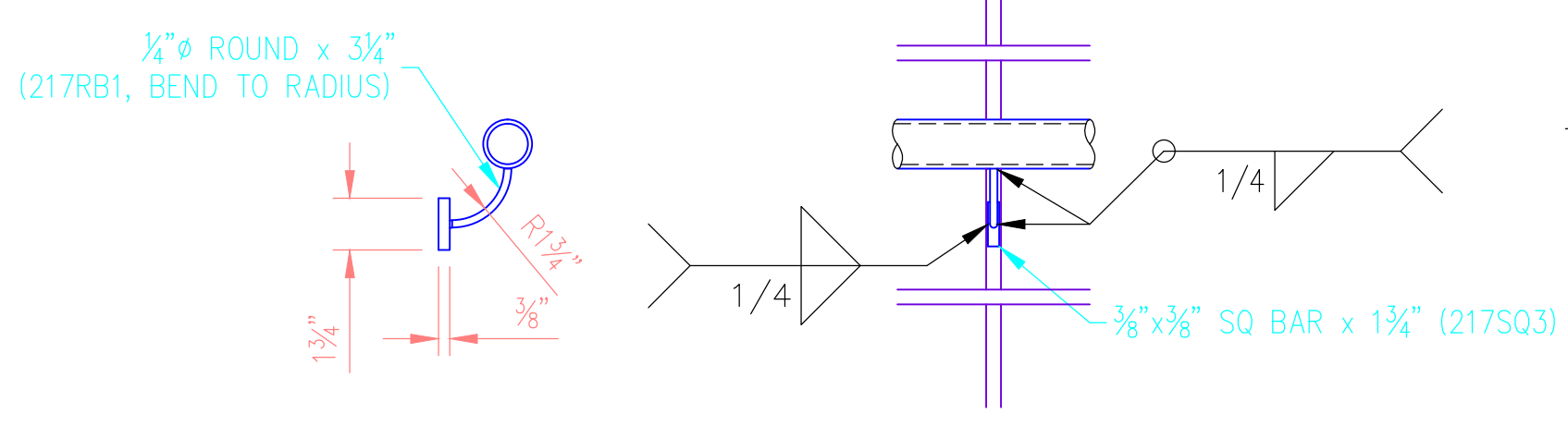
A-A



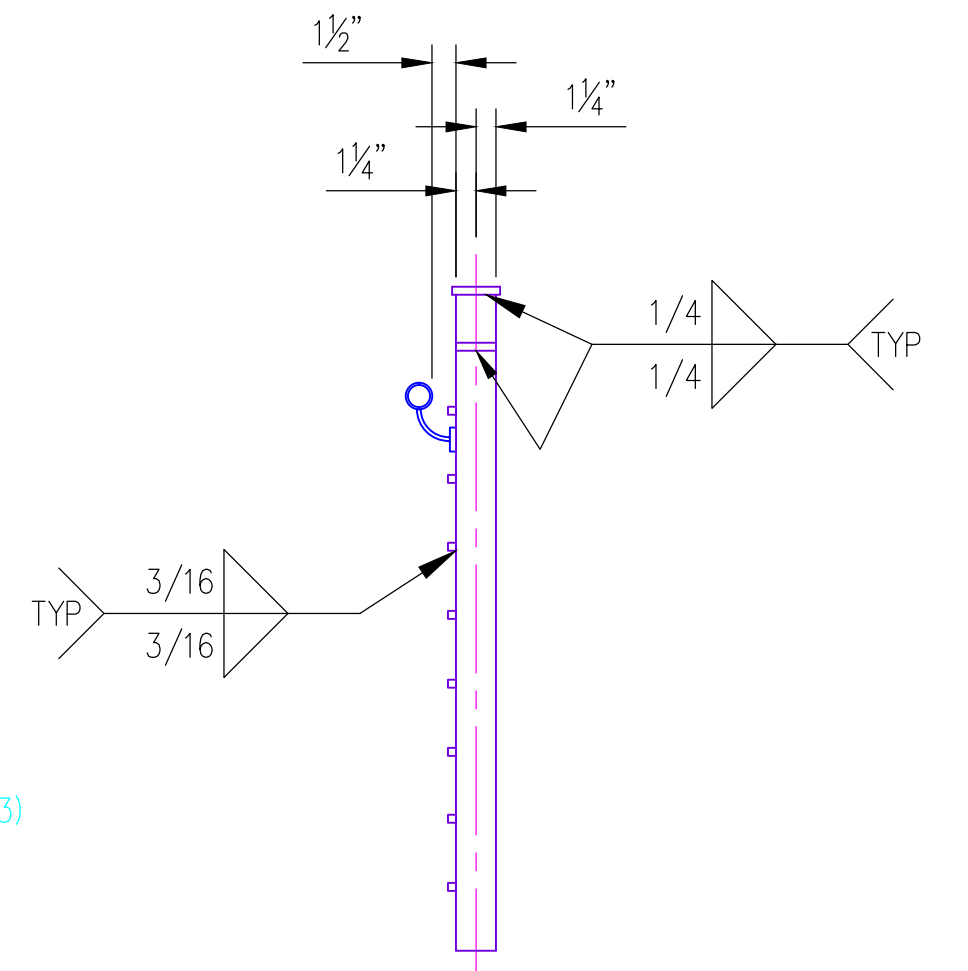
ELEVATION
LANDING STRUCTURE SHOWN FOR REFERENCE



C-C



A
HANDRAIL BRACKET



RAILING SECTION
(TYP ALL RAILINGS)

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	FT	IN	REMARKS
ILR-LVL123	3	INTERMEDIATE LANDING RAILINGS-LEVELS 1,2,3			
217FB1	3	1/2" x 3" FLAT BAR	8	5 1/2	
217FB2	6	1/2" x 3" FLAT BAR	4	1 1/4	
217FB3	21	1/2" x 2 1/2" FLAT BAR	3	5	
217FB4	6	1/2" x 2 1/2" FLAT BAR	3	8	
217FB5	6	1/2" x 2 1/2" FLAT BAR	3	9 3/4	
217SQ1	48	1/2" x 1/2" SQUARE BAR	3	9	
217SQ2	24	1/2" x 1/2" SQUARE BAR	7	9	
217PP1	3	1 1/4" SCH 40 PIPE	7	2 1/6	
217PP2	6	1 1/4" SCH 40 PIPE	3	6 1/6	
217SQ3	21	3/8" x 3/8" SQUARE BAR	0	1 3/4	
217RB1	21	1/4" Ø ROUND BAR	0	3 1/4	
217F1	6	1 1/4" SCH 40 90° ELBOW	-	-	WELD-ON

ALL SIZES SHOWN ARE FOR FINISHED MATERIALS

NOT FOR
CONSTRUCTION-FOR
CLIENT REVIEW ONLY
08/22/14

MATERIAL, COATING & FABRICATION SPECIFICATIONS

MATERIALS & FABRICATION	COATINGS
ROLLED W SHAPES: ASTM A992	STEEL STAIR STRINGERS, LANDINGS, VERTICAL COLUMN, STAIR GUARDS, HANDRAILS, RAILINGS AND MISCELLANEOUS STEEL SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION PER ASTM A123.
ROLLED CHANNELS, ANGLES, S, ST, M, HP AND WT SHAPES: ASTM A36	STAIR TREADS AND LANDING DECK PLANKS SHALL BE PRE-GALVANIZED. SURFACES IN CONTACT WITH CONCRETE SHALL NOT BE COATED.
HSS TUBES: ASTM A500, GR. B	
PLATES AND BARS: ASTM A36	
PIPES: ASTM A53, GR. B, SCH. 40, BLACK	
FASTENERS: ASTM 325N	
SURFACE PREP: SSPC-SP2	
WELDING MATERIALS: AWS D1.1 (E70XX-LOW HYDROGEN ELECTRODES)	DO NOT SCALE DRAWINGS. ALL DIMENSIONS IN FT & IN UNLESS NOTED OTHERWISE.

DATE: _____

REV# REVISION DESCRIPTION: _____

DRAWN: ABC
DESIGNED: -
CLIENT: -
DATE: 08/22/14
SCALE: 1"=1'-0"

PROJECT NAME: EXTERIOR STAIRS/STAIR 2
PROJECT ADDRESS: SHOP DRAWINGS

PROJECT: INTERMEDIATE LANDING RAILINGS LEVELS 1, 2, 3

DRAWING NO.: S217
OF