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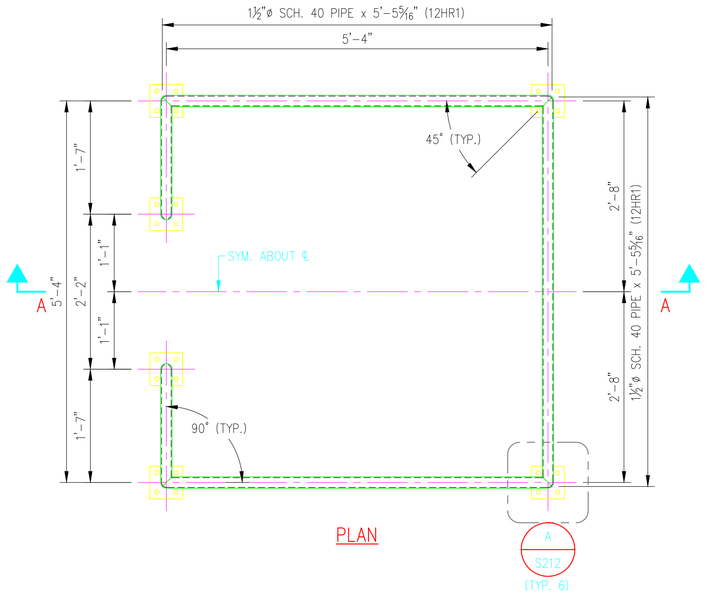

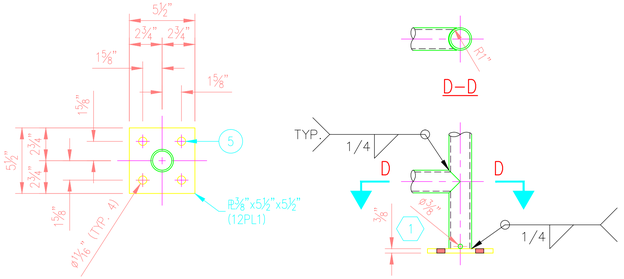

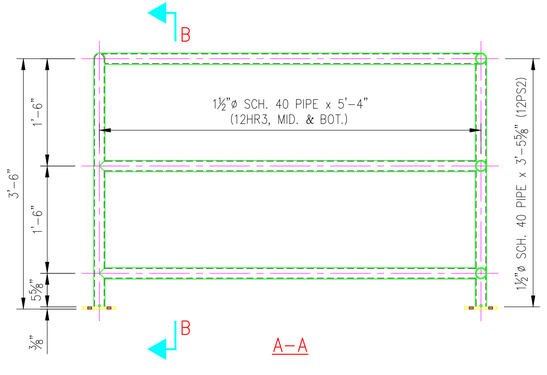

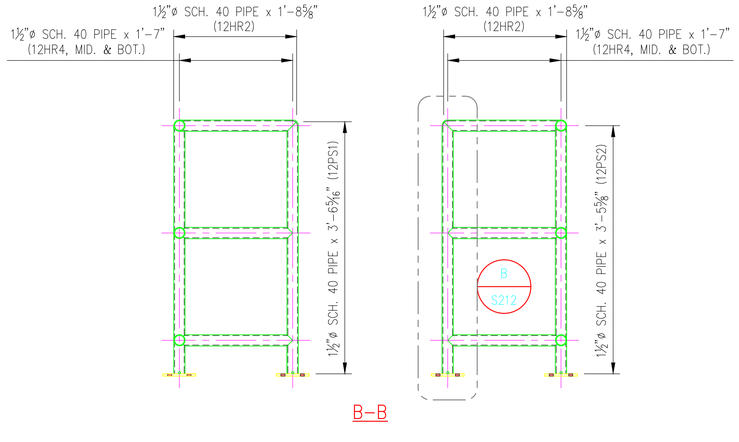

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	FT	IN	REMARKS
HRU3	1	CONTAINMENT BASIN #3 HANDRAIL UNIT			
12HR1	3	1½"ø SCH. 40 PIPE	5	5⁹⁄₁₆	
12HR2	2	1½"ø SCH. 40 PIPE	1	8¾	
12HR3	6	1½"ø SCH. 40 PIPE	5	4⅛	
12HR4	4	1½"ø SCH. 40 PIPE	1	7⅛	
12PS1	2	1½"ø SCH. 40 PIPE	3	6⁹⁄₁₆	
12PS2	4	1½"ø SCH. 40 PIPE	3	5¾	
12PL1	6	R⅜"x5½"	0	5½	
1	4	⅝"x1⅛" SHOULDER TYPE MACHINERY EYE BOLT (GALV.)			
2	2	½"x3¼" SWIVEL EYE BOLT SNAP (GALV.)			NOT SHOWN
3	2	⅜"x2'-6" PROOF COIL CHAIN (GALV.)			NOT SHOWN
4	4	⅜"x2⅛" QUICK LINK (GALV.)			NOT SHOWN
5	24	½"x4" LG. EXPANSION ANCHOR (GALV.)			

NOTES:

1. POSITION HANDRAIL POST DRAIN HOLE TOWARDS INTERIOR OF CONTAINMENT BASIN

MATERIAL, COATING & FABRICATION SPECIFICATIONS

MATERIALS & FABRICATION	COATINGS
ALL TUBE SECTIONS: A500 GRADE B	HANDRAIL UNIT SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123
ALL PIPES: A53, GR. B, SCH. 40	
WIDE FLANGES, PLATES & BARS: A36	
ALL OTHER STEEL: A36	
WELDED, HEADED ANCHOR STUDS: A108	
HEADED ANCHOR BOLTS: A307	
INDOOR ANCHOR BOLTS: A307	
OUTDOOR ANCHOR BOLTS: A123, GALV.	
ALL WELDING: AWS D1.1	
SURFACE PREP: SSPC-SP6	
SCALE: AS NOTED	

REV: | REVISION DESCRIPTION: | DATE:

ENGINEERS'S STAMP

ANDY'S BEST CAD
1323 CARLYLE PARK CIRCLE
HIGHLANDS RANCH, CO 80129
303-808-3352
WWW.ANDYSBESTCAD.COM

DRAWN: A. LANDT
DESIGNED: A. LANDT
CLIENT:
DATE: 02/15/16
SCALE: AS SHOWN

PROJECT:

DRAWING TITLE: CONTAINMENT BASIN #3 HANDRAIL UNIT

DRAWING NO.: S08/212
OF