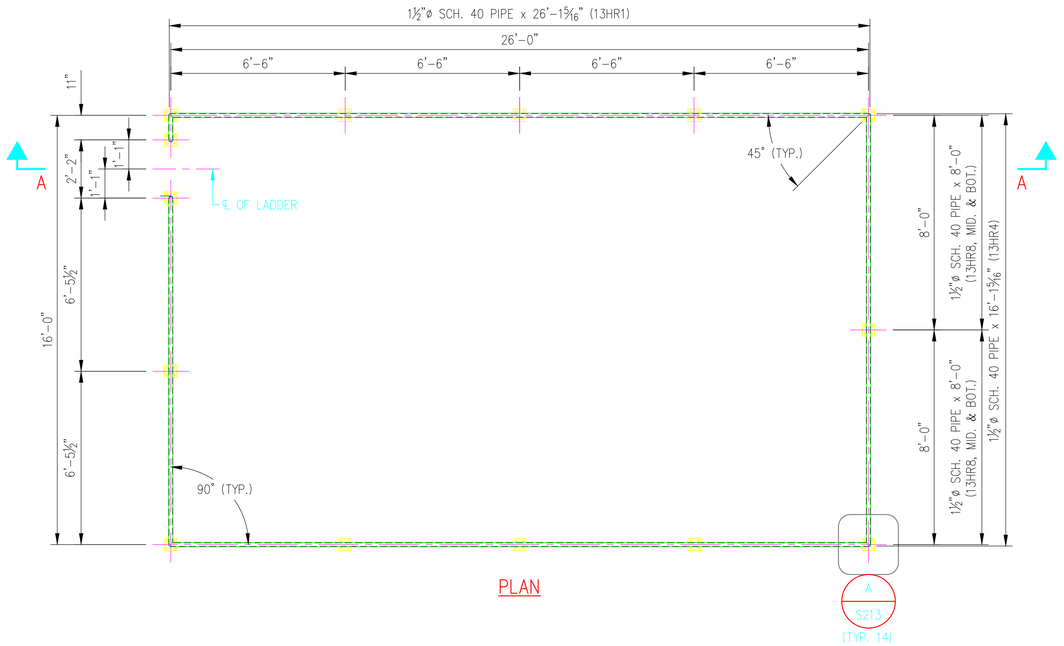
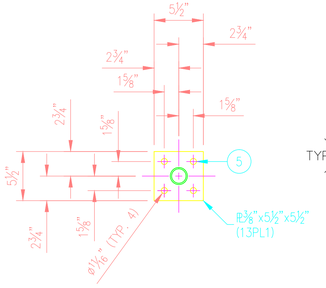
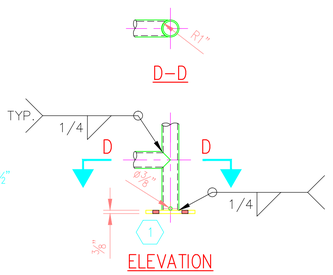


PLAN



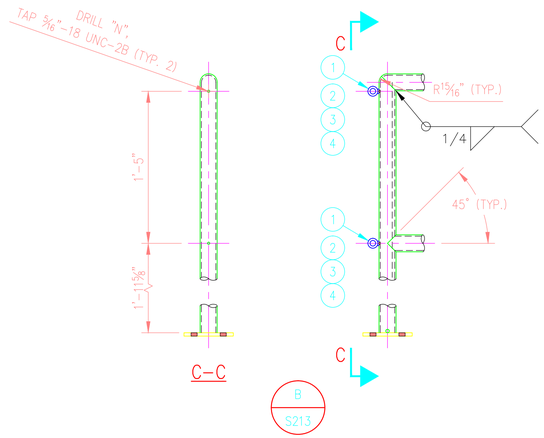
PLAN

(HANDRAILS NOT SHOWN FOR CLARITY)



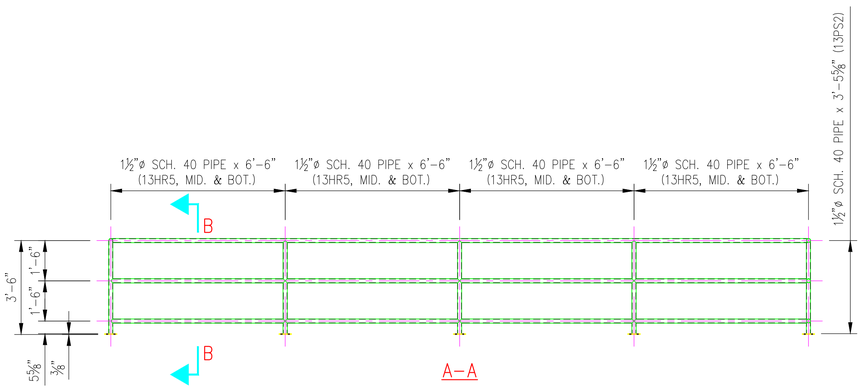
ELEVATION

A
S213



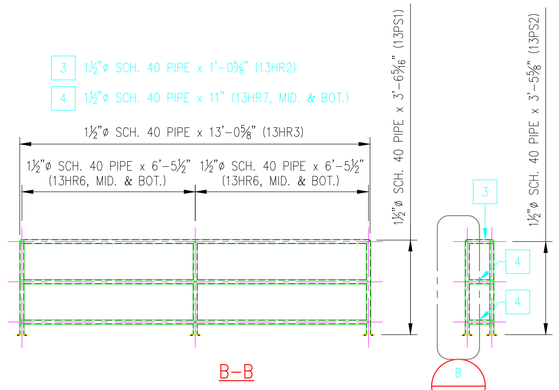
C–C

B
S213



A–A

A
E108
HRU4



B–B

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	FT	IN	REMARKS
HRU4	1	CONTAINMENT BASIN #4 HANDRAIL UNIT			
13HR1	2	1½"ø SCH. 40 PIPE	26	1⅞6	
13HR2	1	1½"ø SCH. 40 PIPE	1	0¾	
13HR3	1	1½"ø SCH. 40 PIPE	13	0¾	
13HR4	1	1½"ø SCH. 40 PIPE	16	1⅞6	
13HR5	16	1½"ø SCH. 40 PIPE	6	6⅛	
13HR6	4	1½"ø SCH. 40 PIPE	6	5⅜	
13HR7	2	1½"ø SCH. 40 PIPE	0	11⅛	
13HR8	4	1½"ø SCH. 40 PIPE	8	0⅛	
13PS1	2	1½"ø SCH. 40 PIPE	3	6⅞6	
13PS2	12	1½"ø SCH. 40 PIPE	3	5¾	
13PL1	14	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"x2⅞" QUICK LINK (GALV.)			NOT SHOWN
5	56	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	

DATE:

REV: REVISION DESCRIPTION:

ENGINEERS'S STAMP

ANDY'S BEST CAD
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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 #4 HANDRAIL UNIT

DRAWING NO.: S08/213
OF

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