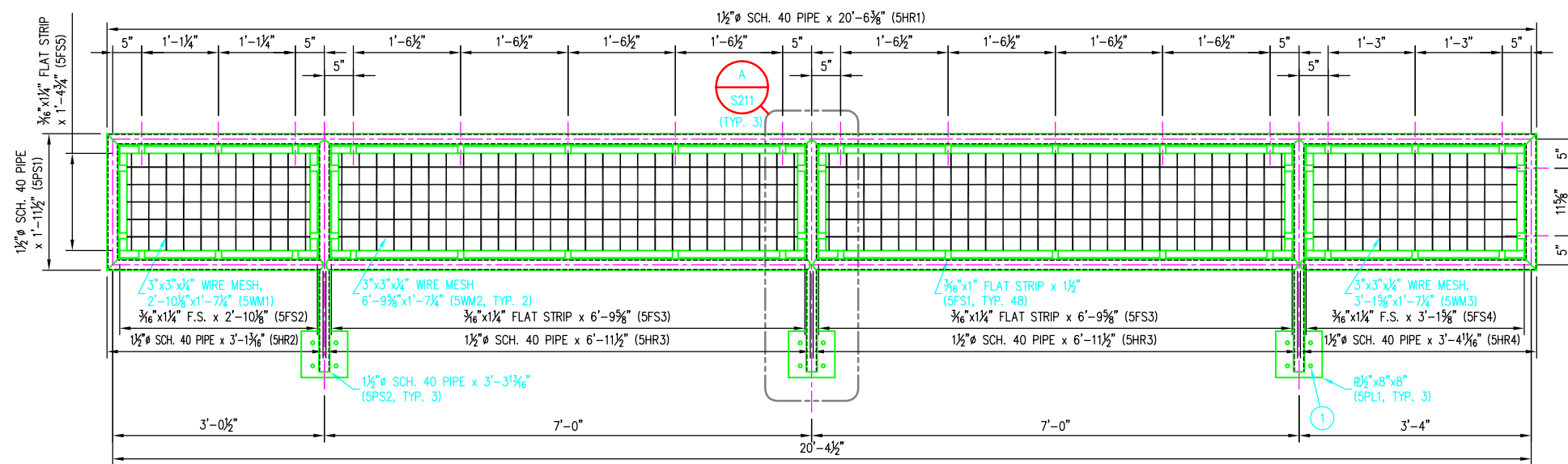


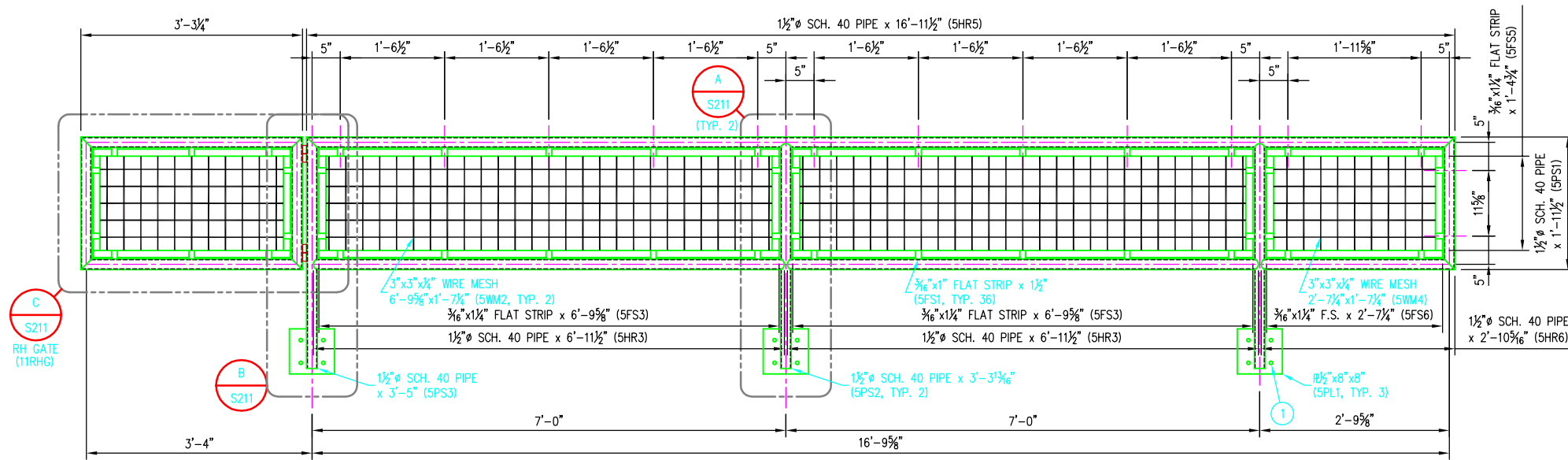
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ELEVATION

5RTD1

(1) RAILING TYPE D1
RE: SHT. A5.02, ELEV. 1 & 2;
RE: SHT. A3.41, DETAIL 4



ELEVATION

5RTD2

(1) RAILING TYPE D2
RE: SHT. A5.02, ELEV. 1 & 2;
RE: SHT. A3.41, DETAIL 4

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	FT	IN	REMARKS
5RTD1	1	RAILING TYPE D1			
5HR1	1	1 1/2" SCH. 40 PIPE	20	6 5/8"	
5HR2	1	1 1/2" SCH. 40 PIPE	3	1 1/8"	
5HR3	2	1 1/2" SCH. 40 PIPE	6	1 1/4"	
5HR4	1	1 1/2" SCH. 40 PIPE	3	4 15/16"	
5PS1	2	1 1/2" SCH. 40 PIPE	1	1 1/4"	
5PS2	3	1 1/2" SCH. 40 PIPE	2	10 3/8"	
5FS1	48	3/16" x 1" FLAT STRIP	0	1 3/8"	
5FS2	4	3/16" x 1 1/4" FLAT STRIP	2	10 3/8"	
5FS3	8	3/16" x 1 1/4" FLAT STRIP	6	9 7/8"	
5FS4	4	3/16" x 1 1/4" FLAT STRIP	3	1 7/8"	
5FSS	16	3/16" x 1 1/4" FLAT STRIP	1	5"	
5PL1	3	Ø 1/2" x 8"	0	8"	
5WM1	1	3" x 3" x 1/4" WIRE MESH, 2'-10 1/8" x 1'-7 1/4"			3" x 3" WIRE € TO €
5WM2	2	3" x 3" x 1/4" WIRE MESH, 6'-9 5/8" x 1'-7 1/4"			3" x 3" WIRE € TO €
5WM3	1	3" x 3" x 1/4" WIRE MESH, 3'-1 5/8" x 1'-7 1/4"			3" x 3" WIRE € TO €
①	12	1/2" Ø x 3 3/4" LG. EXPANSION ANCHOR (SSTL); HILTI KB-TZ OR EQUAL			
5RTD2	1	RAILING TYPE D2			
5HR6	1	1 1/2" SCH. 40 PIPE	2	10 3/8"	
5HR3	2	1 1/2" SCH. 40 PIPE	6	1 1/4"	
5HR5	1	1 1/2" SCH. 40 PIPE	16	1 1/4"	
5PS1	1	1 1/2" SCH. 40 PIPE	1	1 1/4"	
5PS2	2	1 1/2" SCH. 40 PIPE	3	4 1/8"	
5PS3	1	1 1/2" SCH. 40 PIPE	3	5 1/4"	
5FS1	36	3/16" x 1" FLAT STRIP	0	1 3/8"	
5FS6	4	3/16" x 1 1/4" FLAT STRIP	2	7 1/2"	
5FS3	8	3/16" x 1 1/4" FLAT STRIP	6	9 7/8"	
5FSS	12	3/16" x 1 1/4" FLAT STRIP	1	5"	
5PL1	3	Ø 1/2" x 8"	0	8"	
5WM4	1	3" x 3" x 1/4" WIRE MESH, 2'-7 1/4" x 1'-7 1/4"			3" x 3" WIRE € TO €
5WM2	2	3" x 3" x 1/4" WIRE MESH, 6'-9 5/8" x 1'-7 1/4"			3" x 3" WIRE € TO €
11RHG	1	RIGHT HAND GATE ASSEMBLY			SHT. S211
①	12	1/2" Ø x 3 3/4" LG. EXPANSION ANCHOR (SSTL); HILTI KB-TZ OR EQUAL			

FABRICATION NOTES

- REMOVE ALL BURRS FROM EXPOSED CUT EDGES.
- EASE EXPOSED EDGES TO AN APPROXIMATE 1/32" RADIUS.

MATERIAL, COATING & FABRICATION SPECIFICATIONS

MATERIALS & FABRICATION	COATINGS
ALL TUBE SECTIONS: A500 GR. B	SURFACES EMBEDDED IN CONCRETE SHALL NOT BE GALVANIZED.
ALL PIPES: A53, GR. B, SCH. 40	RAILINGS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123.
PLATES: A36	
WF, WT: A992	
OTHER SHAPES: A36	
HEADED ANCHOR STUDS: A108	
DEFORMED ANCHOR STUDS: A496	
ALL WELDING: AWS D1.1, E70 ELECTRODES	
SURFACE PREP: SSPC-SP10	

DATE: _____

REV: _____

ANDY'S BEST CAD
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303-791-1622
WWW.ANDYSBESTCAD.COM

DRAWN: A.LANDT
DESIGNED: A.LANDT
CLIENT: 05/04/09
DATE: 1"=1'-0"
SCALE: 1"=1'-0"

UNIVERSITY
ATHLETIC STADIUM
STRUCTURAL STEEL
HANDRAILS AND RAILINGS

PROJECT: _____

DRAWING TITLE: RAILING TYPE D1 & D2

DRAWING NO.: S205
OF _____