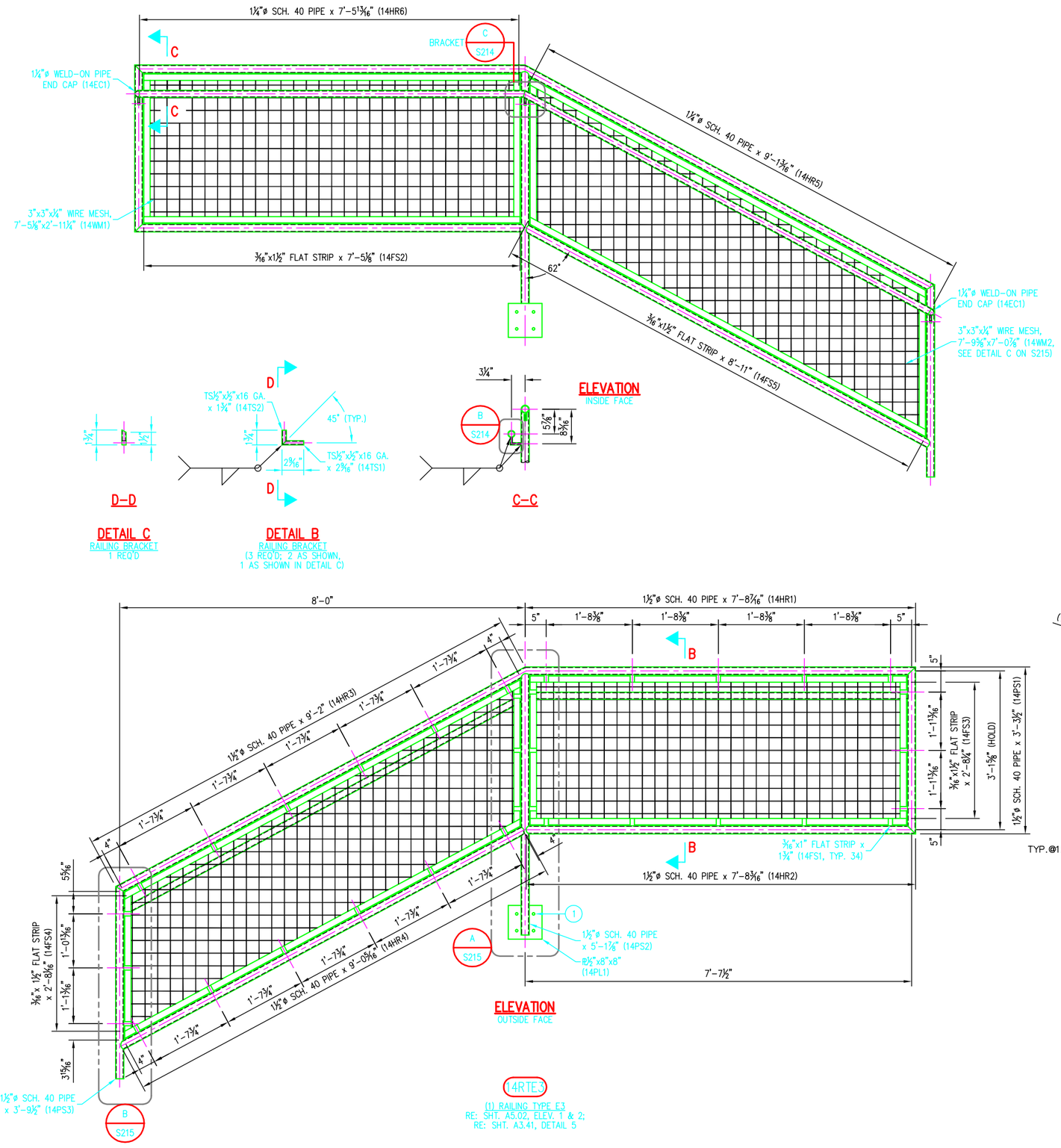

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	FT	IN	REMARKS
14RTE3	1	RAILING TYPE E3			
14HR1	1	1½"ø SCH. 40 PIPE	7	8 11/16	
14HR2	1	1½"ø SCH. 40 PIPE	7	8 7/16	
14HR3	1	1½"ø SCH. 40 PIPE	9	2¼	
14HR4	1	1½"ø SCH. 40 PIPE	9	0 9/16	
14HR5	1	1¼"ø SCH. 40 PIPE	9	1 7/16	
14HR6	1	1¼"ø SCH. 40 PIPE	7	6 1/16	
14PS1	1	1½"ø SCH. 40 PIPE	3	3¾	
14PS2	1	1½"ø SCH. 40 PIPE	5	2⅛	
14PS3	1	1½"ø SCH. 40 PIPE	3	9¾	
14FS1	34	3/16"x1" FLAT STRIP	0	1 13/16	
14FS2	4	3/16"x1½" FLAT STRIP	7	5⅜	
14FS3	4	3/16"x1½" FLAT STRIP	2	8½	
14FS4	4	3/16"x1½" FLAT STRIP	2	8 5/16	
14FS5	4	3/16"x1½" FLAT STRIP	8	11¼	
14PL1	1	PL½"x8"	0	8	
14TS1	3	TS½"x½"x16 GA.	0	2 1/16	
14TS2	3	TS½"x½"x16 GA.	0	1⅞	
14EC1	2	1¼"ø WELD-ON PIPE END CAP			
14WM1	1	3"x3"x¼" WIRE MESH, 7'-5⅛" x 2'-11¼"			3"x3" WIRE ℄ TO ℄
14WM2	1	3"x3"x¼" WIRE MESH, 7'-9⅝" x 7'-0⅞"			3"x3" WIRE ℄ TO ℄
1	4	½"øx3¾" LG. EXPANSION ANCHOR (SSTL); HILTI KB-TZ OR EQUAL			

FABRICATION NOTES

1. REMOVE ALL BURRS FROM EXPOSED CUT EDGES.
2. 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	

REV.	REVISION DESCRIPTION:	DATE:

ANDY'S BEST CAD
9715 S. MERIMBULA ST.
LITTLETON, CO 80130
303-791-1622
WWW.ANDYSBESTCAD.COM

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

PROJECT: UNIVERSITY ATHLETIC STADIUM STRUCTURAL STEEL HANDRAILS AND RAILINGS

DRAWING TITLE: RAILING TYPE E3

DRAWING NO.: S214
OF

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