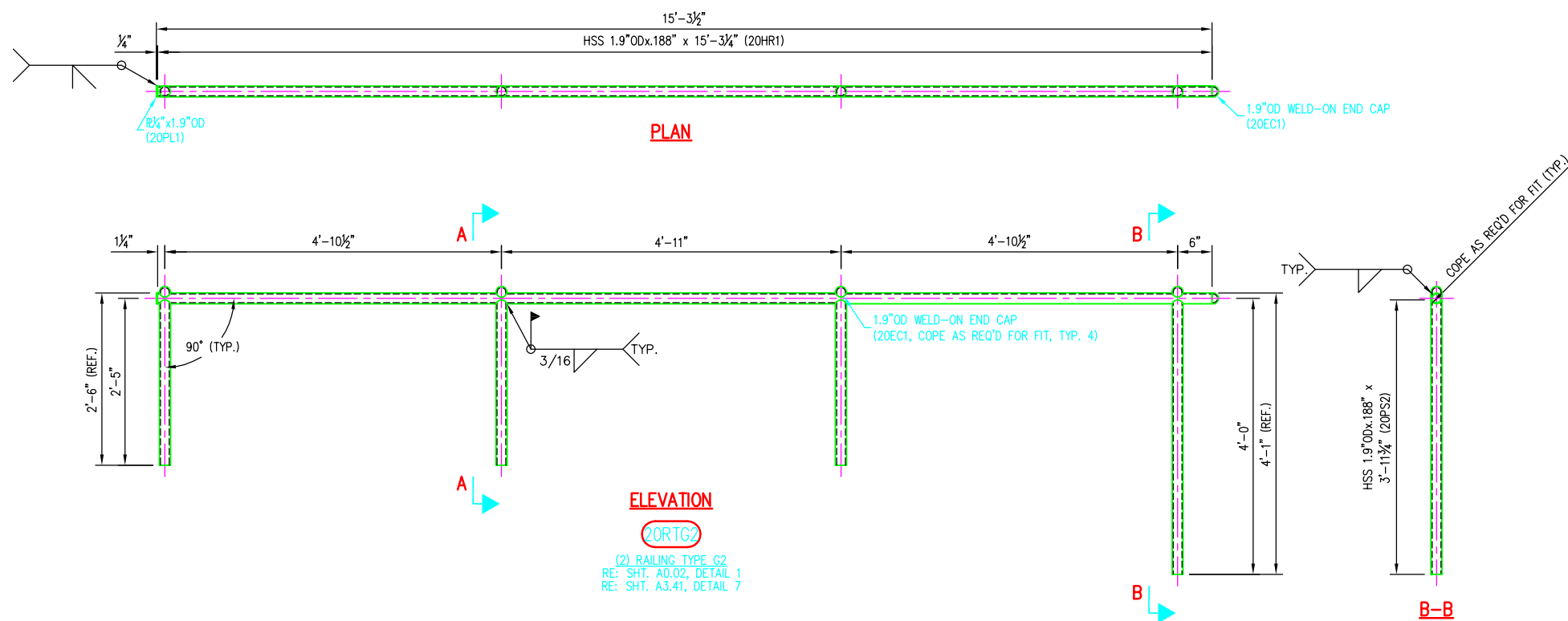
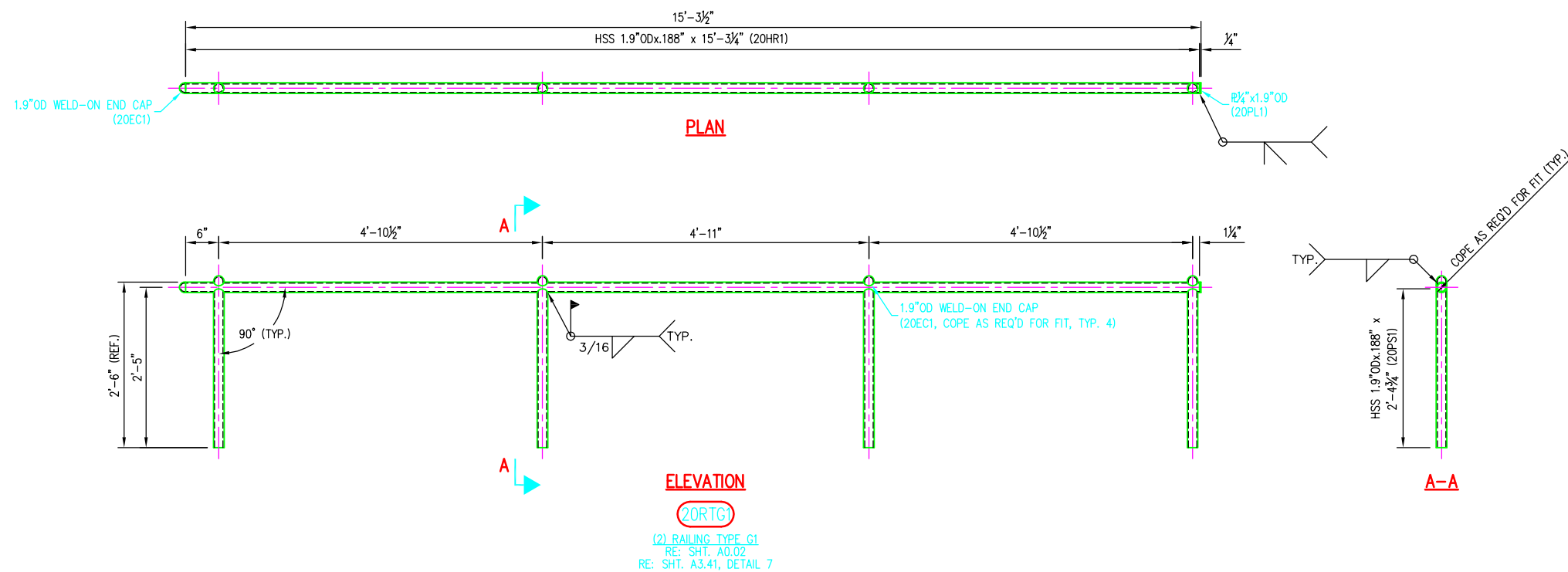


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**BILL OF MATERIAL**

MARK	QTY	DESCRIPTION	FT	IN	REMARKS
20RTG1	2	RAILING TYPE G1			
20HR1	2	HSS 1.9"ODx.188" WALL	15	3 1/2	
20PS1	8	HSS 1.9"ODx.188" WALL	2	5	
20PL1	2	Ø 1/2" x 2" OD	0	2	
20EC1	10	1.9"OD WELD-ON END CAP			
20RTG2	2	RAILING TYPE G2			
20HR1	2	HSS 1.9"ODx.188" WALL	15	3 1/2	
20PS1	6	HSS 1.9"ODx.188" WALL	2	5	
20PS2	2	HSS 1.9"ODx.188" WALL	4	0	
20PL1	2	Ø 1/2" x 2" OD	0	2	
20EC1	10	1.9"OD WELD-ON END CAP			

DATE:	
REV:	
REVISION DESCRIPTION:	

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

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

PROJECT:  
UNIVERSITY OF COLORADO  
ATHLETIC STADIUM  
STRUCTURAL STEEL  
HANDRAILS AND RAILINGS

DRAWING TITLE:  
RAILING TYPE G1 & G2

DRAWING NO.:  
S220  
OF

**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	
PLATES: A36	RAILINGS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123.
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	

