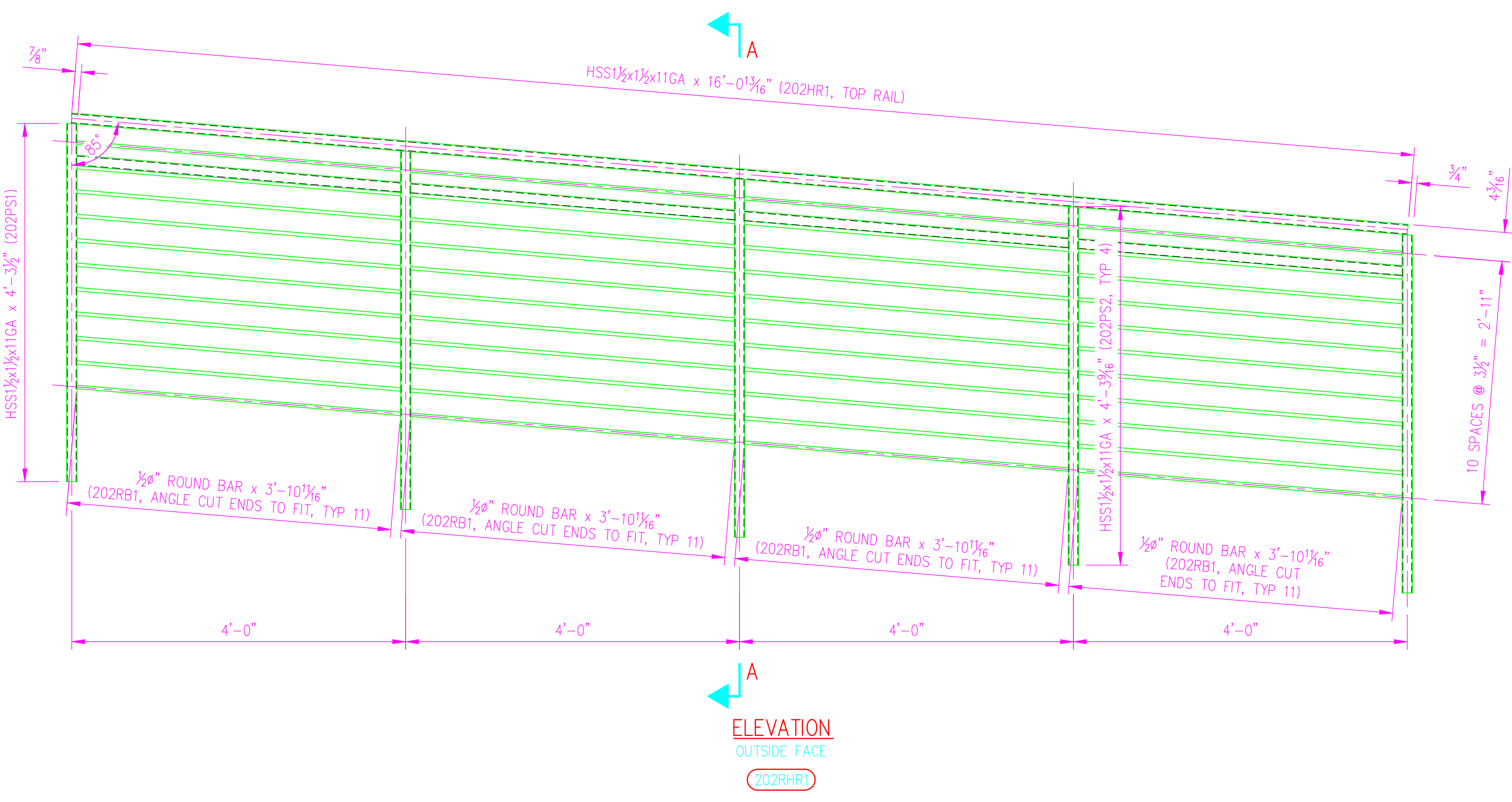
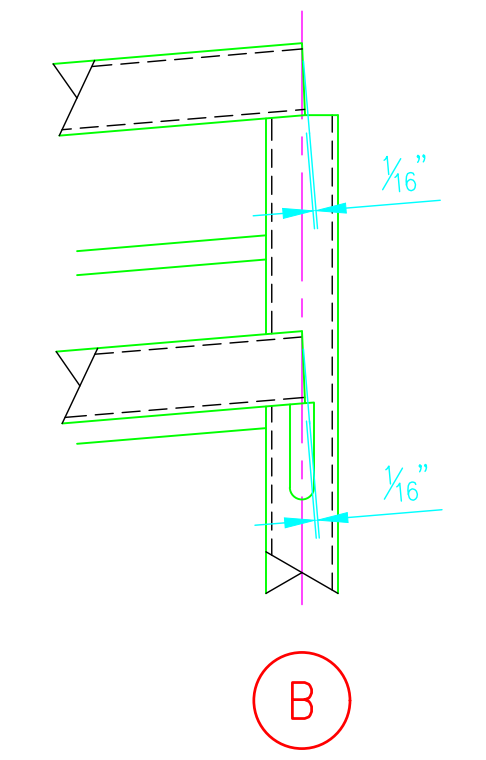
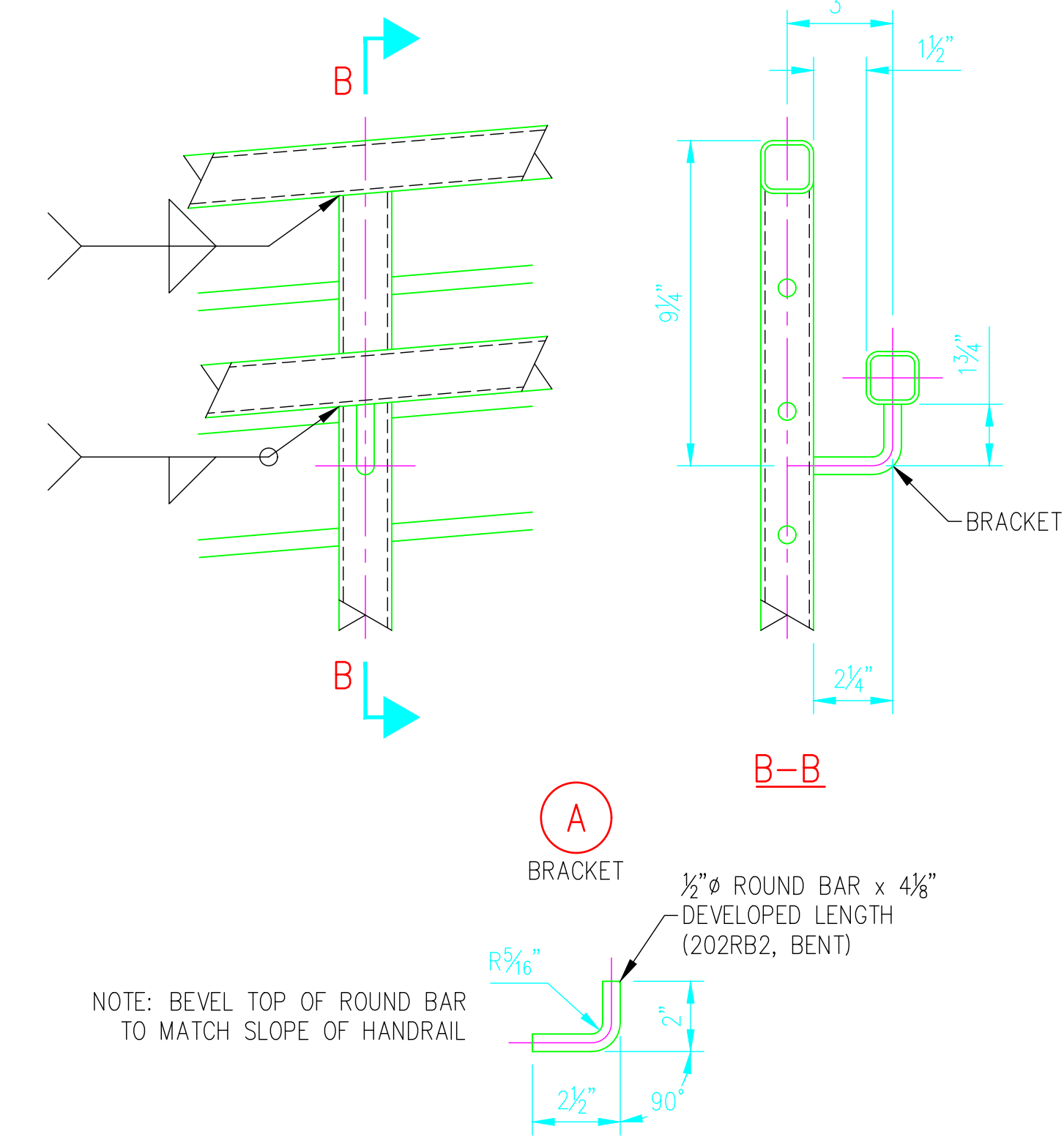
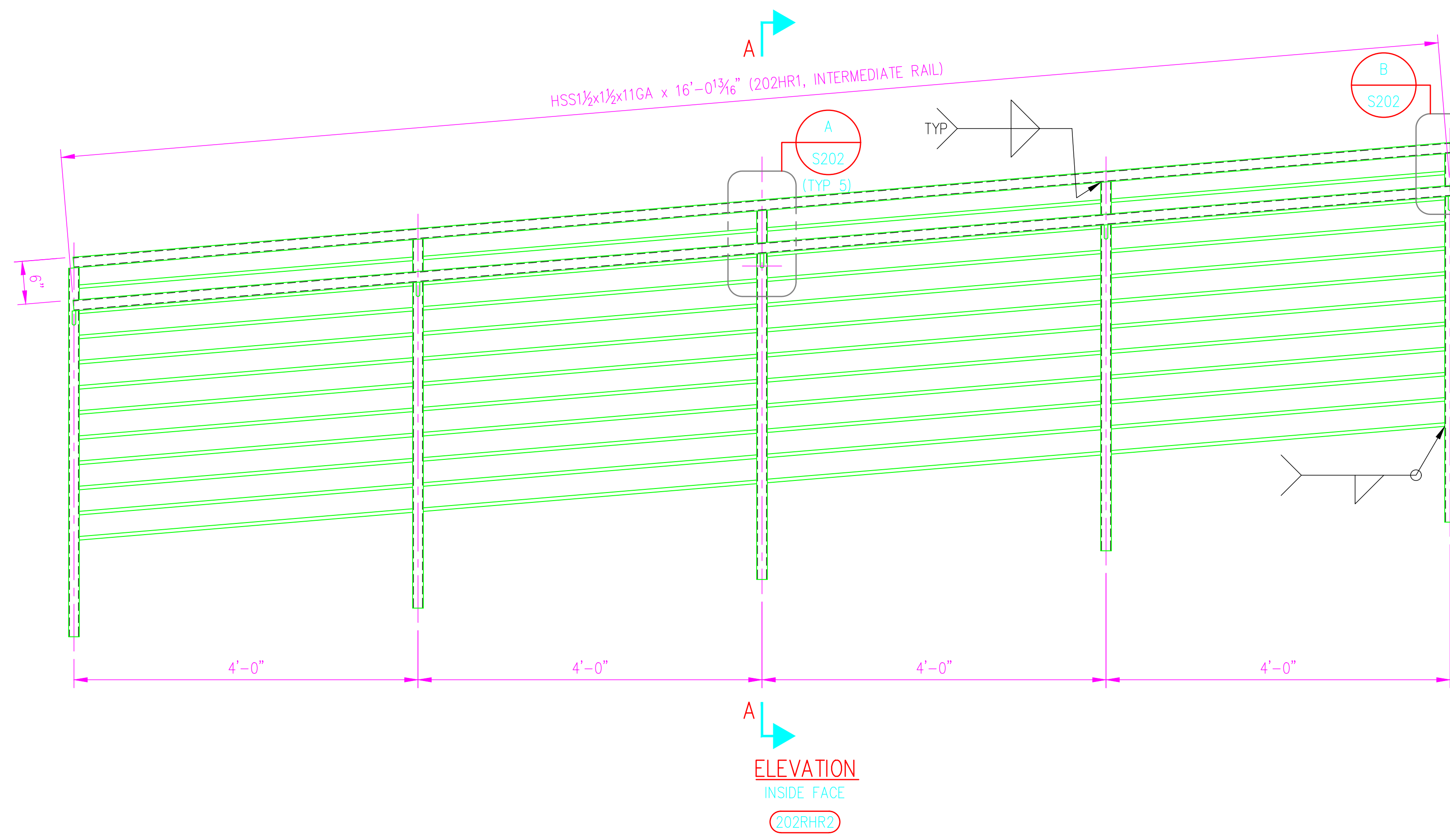


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BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	FT	IN	REMARKS
202RHR2	1	RAMP HANDRAIL #2			
202HR1	2	HSS1 1/2 x 1 1/2 x 11 GA	16	0 1/16	
202PS1	1	HSS1 1/2 x 1 1/2 x 11 GA	4	3 1/2	
202PS2	4	HSS1 1/2 x 1 1/2 x 11 GA	4	3 3/16	
202RB1	44	1/2" Ø ROUND BAR	3	10 1/16	
202RB2	5	1/2" Ø ROUND BAR	0	4 1/8	DEVELOPED LENGTH

ALL SIZES SHOWN ARE FOR FINISHED MATERIALS

FABRICATION NOTES

- FIELD VERIFY ALL DIMENSIONS & ATTACHMENTS PRIOR TO FABRICATION & ERECTION OF HANDRAILS.
- ALL FIELD WELDED CONNECTIONS SHALL BE CONTINUOUS AND GROUND SMOOTH FOR FLUSH TRANSITIONS. ANY GALVANIZED COATINGS DAMAGED DURING FIELD WELDING AND ERECTION SHALL BE REPAIRED WITH GALVANIZED REPAIR PAINT. PROTECT EXISTING FINISHES DURING CONSTRUCTION.
- REMOVE BURRS AND EASE EDGES TO AN APPROXIMATE RADIUS OF 1/32".
- REMOVE SHARP OR ROUGH AREAS ON EXPOSED SURFACES.
- EDGES ON TOP HANDRAIL AND GRAB BAR SHALL HAVE A MINIMUM RADIUS OF .01".
- FINISH EXPOSED SURFACES SMOOTH AND BLENDED AT EXPOSED CONNECTIONS SO NO ROUGHNESS SHOWS AFTER FINISHING AND WELDED SURFACE MATCHES CONTOURS OF ADJOINING SURFACES.
- DRILL 1/2" Ø HOLES AT HSS TUBE TO TUBE CONNECTIONS FOR HOT-DIP GALVANIZING VENTING AND DRAINING. AFTER THE GALVANIZING PROCEDURE HAS BEEN COMPLETED, PLUG EXPOSED VENTING AND DRAINING HOLES WITH ZINC SOLDER, FILE OFF SMOOTH AND REPAIR WITH GALVANIZED REPAIR PAINT.

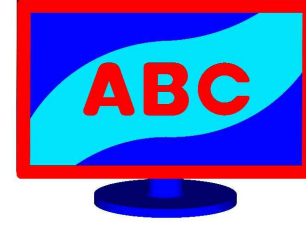
MATERIAL, COATING & FABRICATION SPECIFICATIONS

MATERIALS & FABRICATION	COATINGS
HSS TUBES: ASTM A500 OR A513	HANDRAIL SECTIONS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123.
ROLLED CHANNELS, ANGLES, PLATES, ROUND BARS, FLAT BARS: ASTM A36	REPAIR DAMAGED GALVANIZED COATINGS WITH GALVANIZED REPAIR PAINT.
PIPES:	
ROLLED W SHAPES:	GALVANIZED REPAIR PAINT SHALL BE WELD-AID B-100 BRITE ZINC.
HEADED ANCHOR STUDS:	
FASTENERS:	
SURFACE PREP: SSPC-SP6	
WELDING: AWS D1.1, AWS A5.1 CLASS E70XX-LOW HYDROGEN ELECTRODES	DO NOT SCALE DRAWINGS. ALL DIMENSIONS IN FT & IN UNLESS NOTED OTHERWISE.

DATE: _____

REV: _____

REVISION DESCRIPTION: _____



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DRAWN: ABC
DESIGNED: ABC
CLIENT: ABC
DATE: 12/06/21
SCALE: 1" = 1'-0"

PROJECT: REHABILITATION FACILITY
AURORA, COLORADO
HANDRAIL SHOP DRAWINGS

DRAWING TITLE: RAMP HANDRAIL #2

DRAWING NO.: S202
OF 2