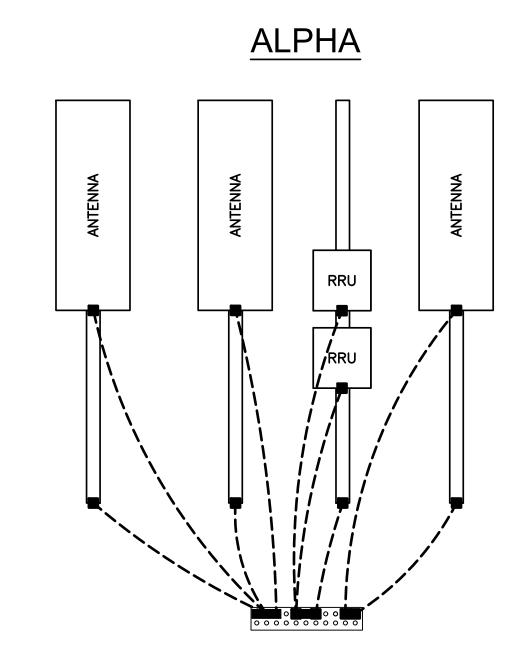


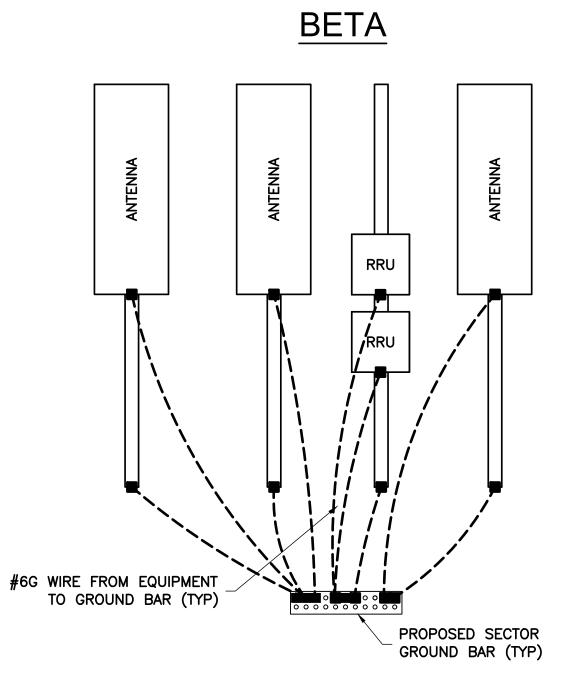
						F	PPC	PANEL	_						
MAIN BREAKER RATING (A): 200				00	O SYSTEM VOLTAGE (V):				240			PHASE: 1 WIRE: 3 BRANCH CB: 12			
C	CIRCUIT DESCRIPTION	WAT	TAGE	GE POLE			LOAD PER PHASE			B R	POLE	WATTAGE		CIRCUIT DESCRIPTION	C
T		С	NC		RK		A	В		K		NC	С		T
1	SPARE	0	0	- 2	100		0			60	2	0	0	SURGE SUPPERSSOR	2
3	SPARE	0	0					0		00		0	0		4
5	*6160 CABINET	0	6125	2	150		6365			15	1	240	0	LIGHT	6
7		0	6125					6125		20	1	0	0	SPARE	8
9		0	6125				6365		2	20	1	240	0	***LIGHT	10
11		0	6125					6125				0	0		12
13	**6160 GFCI	0	360	1	20		360					0	0		14
								LOADS PHASE							
NOTES							13090	12250							
*INSTALL (1) NEW 2P-150A BREAKER FOR PROPOSED 6160 **INSTALL (1) NEW 1P-20A BREAKER FOR PROPOSED 6160 GFCI							SUBTOTAL CONTINUOUS			125% TOTAL CONTINUOUS (VA))	0	
***INSTALL (1) NEW 1P-20A BREAKER FOR PROPOSED WORK LIGHT							0			100% TOTAL NON-CONTINUOUS (VA)			(VA)	25340	
							SUBTOTAL NON-CONTINUOUS			TOTAL AMPS				105.58	
							25340			TOTAL CONNECTED LOAD (KVA)			D (KVA)	25.34	
										SPARE CAPACITY (A)			(A)	94.42	

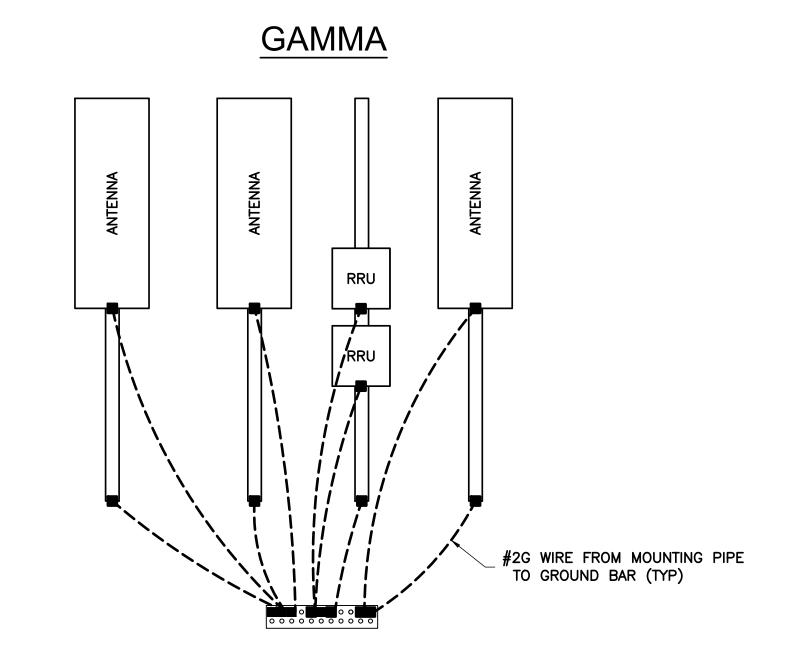
NOTE: GC TO VERIFY EXISTING AC AND LIGHTING SYSTEMS.



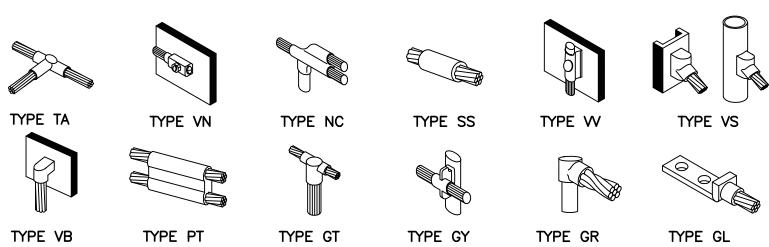
APPLICANT	Sprint NOW A PART OF THE MODILE TO THE APC REALTY AND EQUIPMENT COMPANY, LLC 6220 SPRINT PARKWAY OVERLAND PARK, KS 66251 (855) 848-3280								
ENGINEER	TOTALLY COMMITTED. NB+C ENGINEERING SERVICES, LLC. 6095 MARSHALEE DRIVE, SUITE 300 ELKRIDGE, MD 21075 (410) 712-7092								
SITE INFORMATION	7WAC529A NTM REPL FOR WA33XC951 374 MAPLE AVE EAST VIENNA, VA 22180 TOWN OF VIENNA								
	REVISIONS								
DESIGN RECORD	1 05/27/21 REV. PER COMMENTS JNW 0 05/14/21 FINAL CDS AMM REV DATE DESCRIPTION BY								
PROFESSIONAL STAMP	TRENT TRAVIS - SNARR Lic. No. 049978								
ENGINEER	TRENT TRAVIS SNARR, P.E. VIRGINIA PROFESSIONAL ENGINEER LICENSE #049978								
SHEET TITLE	ELECTRICAL DETAILS								
SHEET NUMBER									



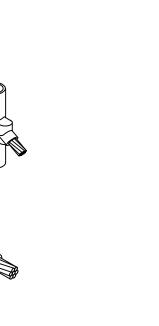




ANTENNA GROUNDING DETAIL







CABINET GROUNDING DIAGRAM NOT TO SCALE

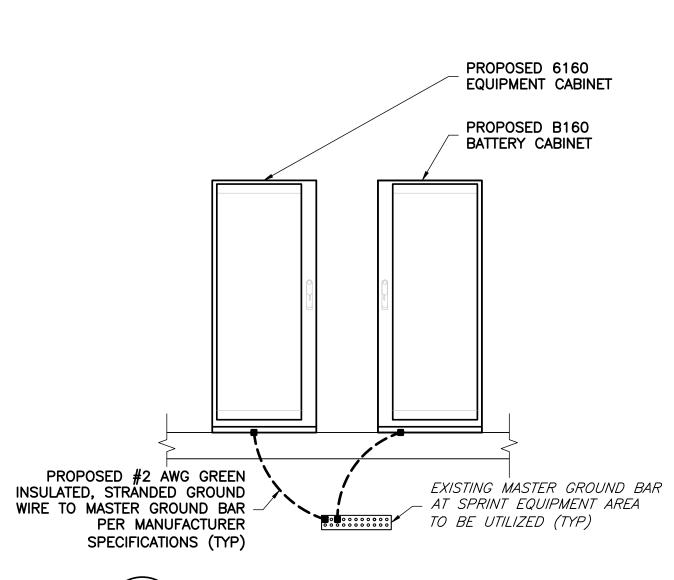
GROUNDING LEGEND

MECHANICAL COMPRESSION CONNECTION

CADWELD CONNECTION EXOTHERMIC WELD CONNECTION

---- PROPOSED GROUND WIRING

EXISTING GROUND WIRING



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ENGINEER

SITE INFORMATION

DESIGN RECORD

SHEET TITLE

SHEET NUMBER

STRUCTURAL NOTES

- 1. THE STRUCTURAL STEEL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ANCHOR BOLT LOCATIONS, ELEVATION OF TOP OF CONCRETE AND BEARING PLATES, ALIGNMENT ETC. PRIOR TO START OF STEEL ERECTION.
- 2. THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS SHALL GOVERN:
 A. AISC "ALLOWABLE STRESS DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".
- B. AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND
- C. AWS "D1.1 STRUCTURAL WELDING CODE STEEL".
- 3. MATERIAL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS

STRUCTURAL WIDE FLANGE & M SHAPES
OTHER STRUCTURAL SHAPES AND PLATES
STRUCTURAL TUBING
HIGH STRENGTH BOLTS
THREADED RODS
ANCHOR BOLTS
PIPE (HANDRAIL)

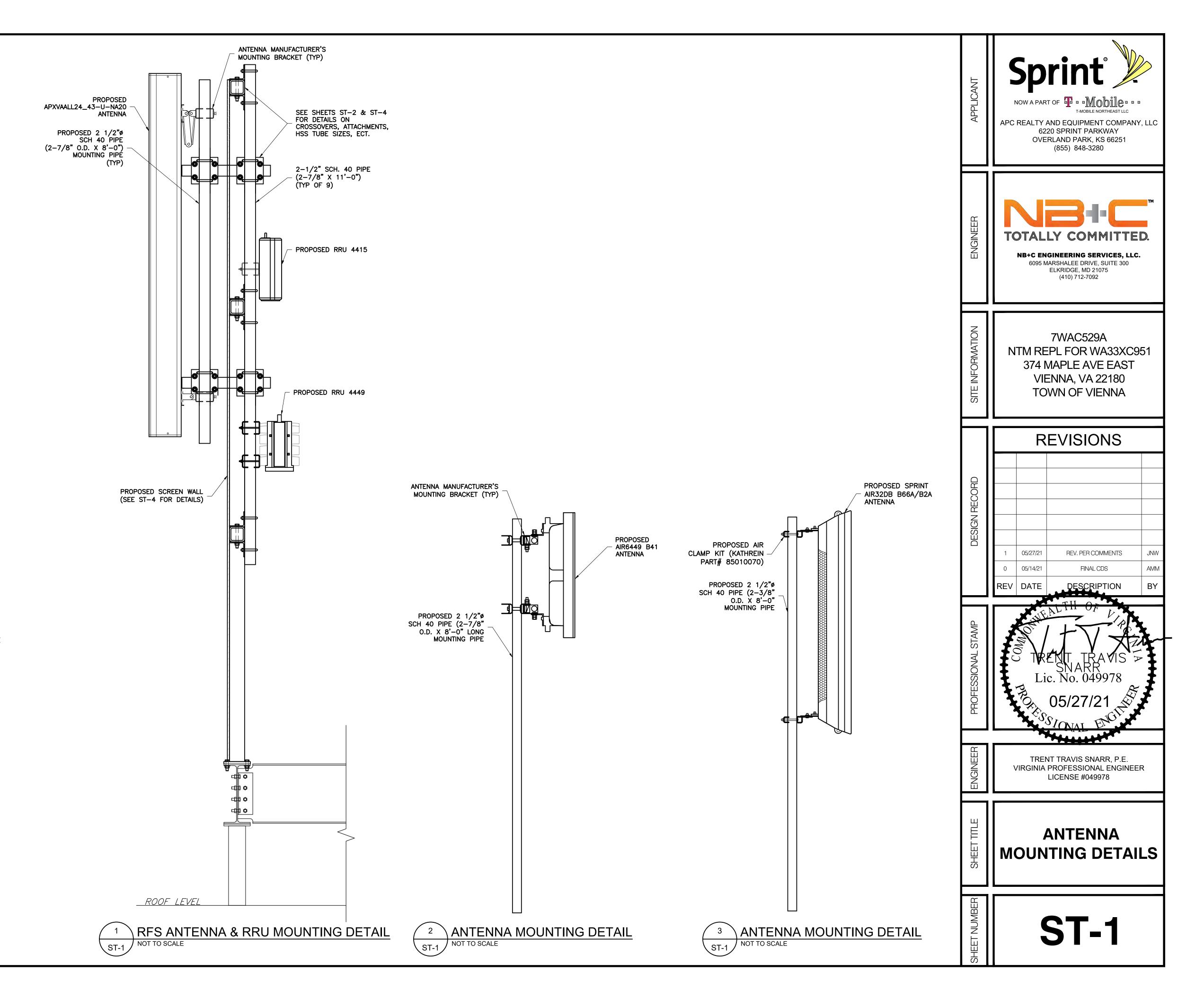
A992 OR A572
Fy = 50KSI
A36, Fy = 36 KSI
A500, GRADE B
Fy = 46 KSI
A325
A325
A325 OR A354, GRADE BC
A325 OR A354 BC
SCH 40 PIPE

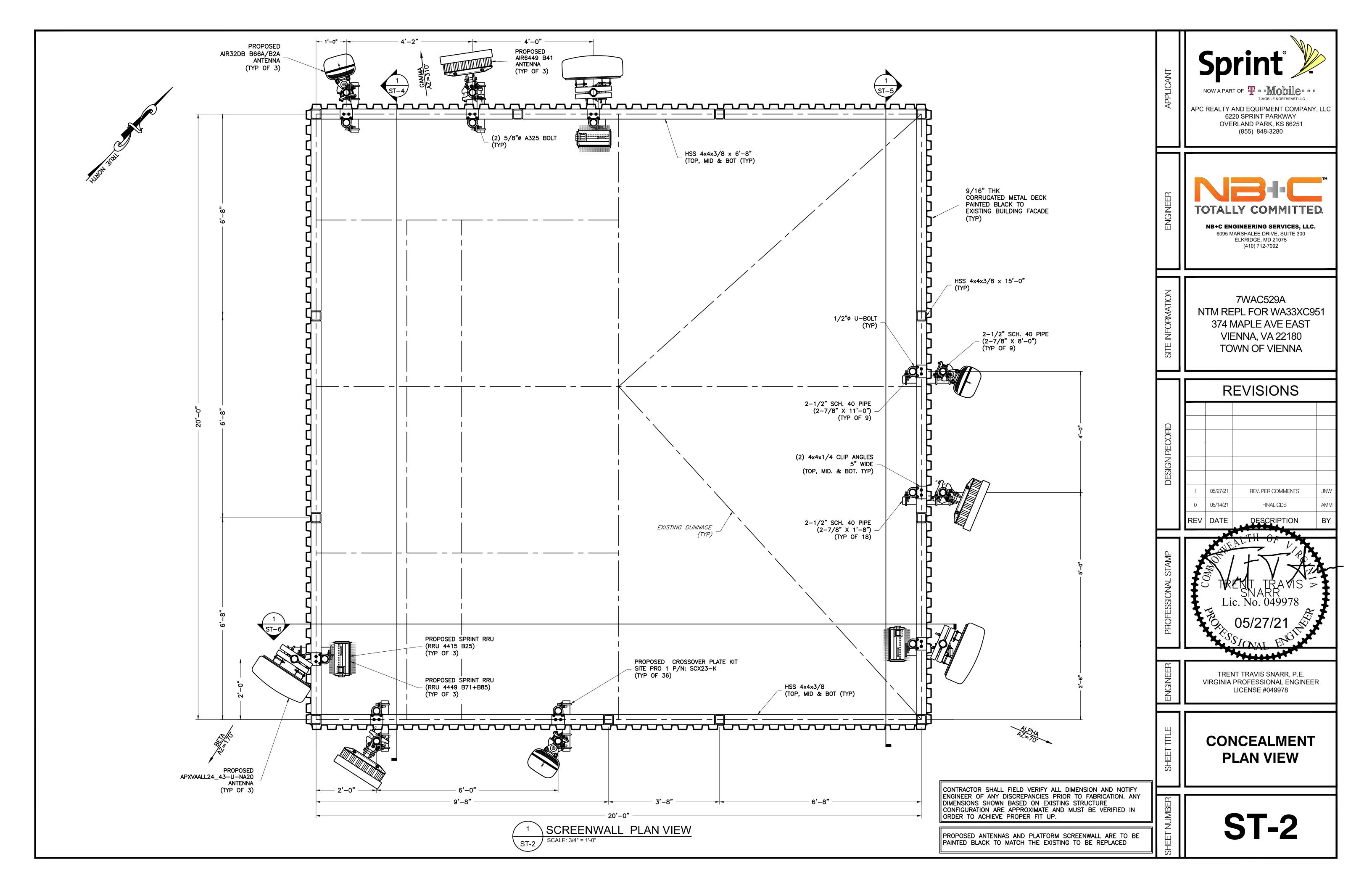
- 4. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70XX ELECTRODES. UNLESS OTHERWISE NOTED PROVIDE CONTINUOUS MINIMUM SIZED FILLET WELDS PER AISC REQUIREMENTS.
- 5. HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED. ALL HOLES IN BEARING PLATES SHALL BE DRILLED.
- 6. ALL STEEL TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123.
- 7. EPOXY ANCHORS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- 8. ALL BOLTS SHALL BE TIGHTENED USING TURN-OF-THE-NUT METHOD PER AISC SPECIFICATIONS USING STANDARD HOLES.
- 9. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND FIT PRIOR TO FABRICATION.
- 10. THE FABRICATOR SHALL FURNISH CHECKED SHOP AND ERECTION DRAWINGS TO THE ENGINEER, AND OBTAIN APPROVAL PRIOR TO FABRICATING ANY STRUCTURAL STEEL. SHOP DRAWINGS SHALL CONFORM TO AISC "DETAILING FOR STEEL CONSTRUCTION".

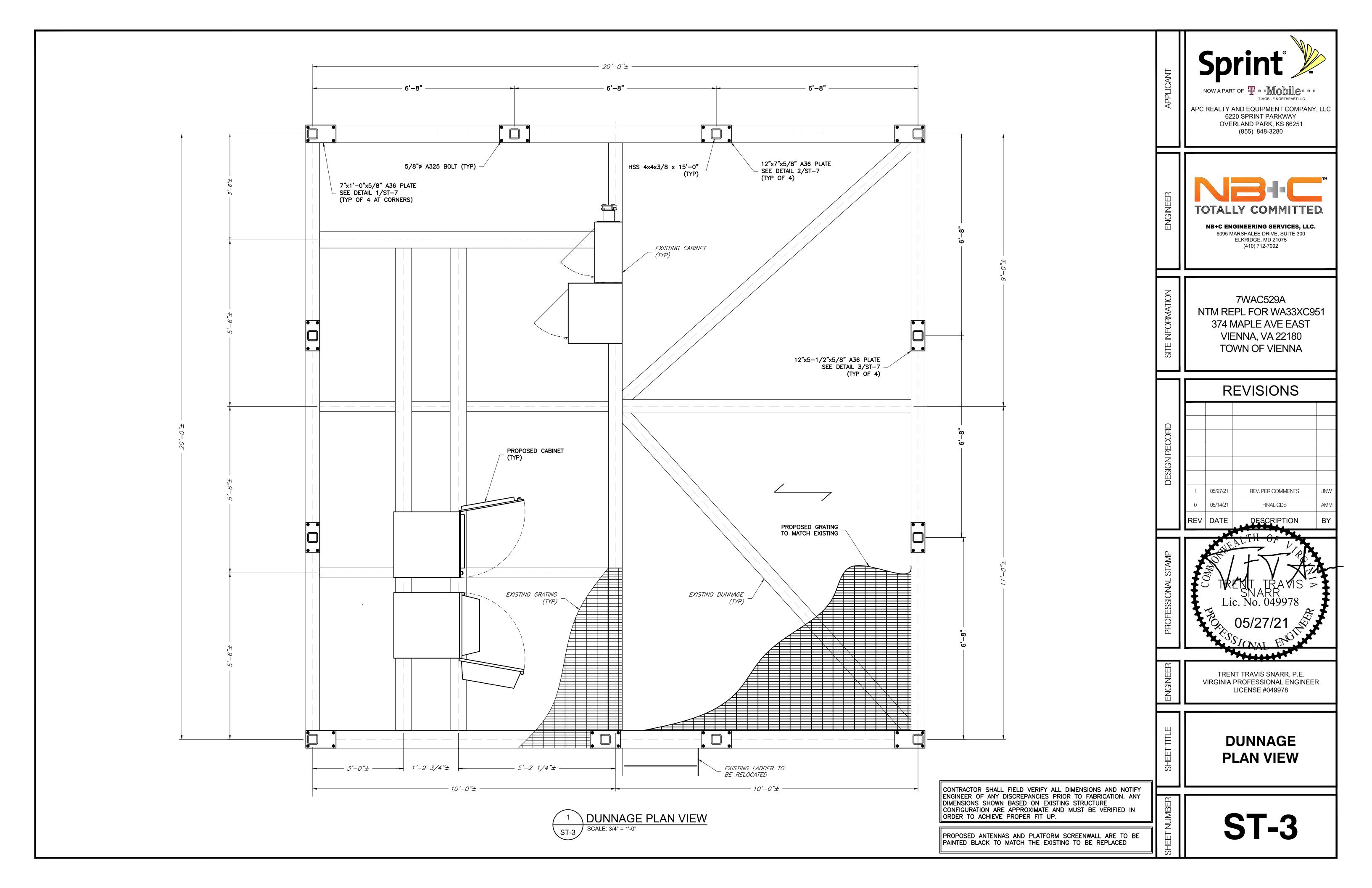
WELDING NOTES:

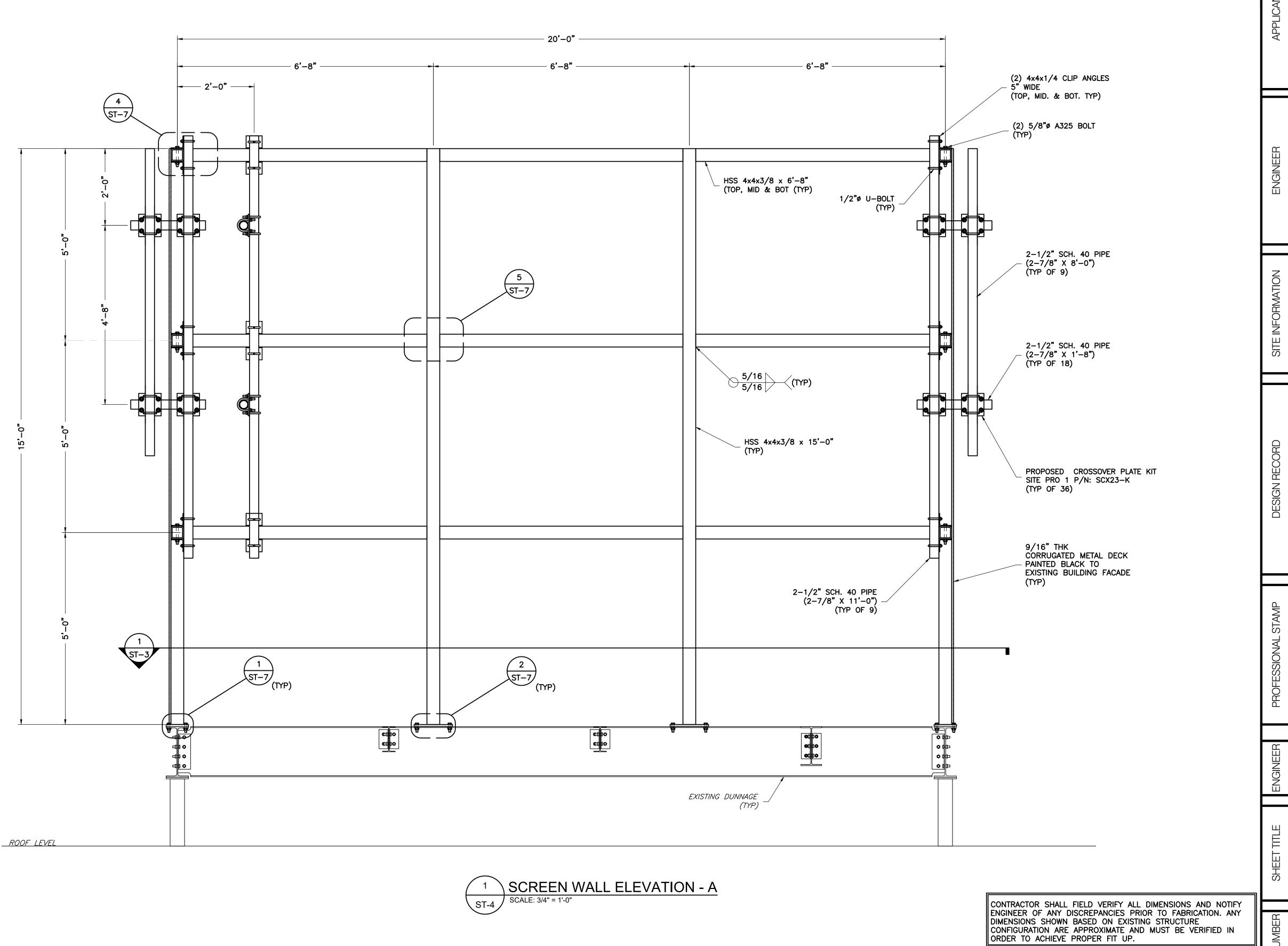
GENERAL:

- 1. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS USING PROCEDURES QUALIFIED IN ACCORDANCE WITH AWS D1.1 AND AWS C5.4.
- 2. CONTRACTOR SHALL COMPLY WITH AWS D1.1 FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS AND FOR METHODS USED IN CORRECTING WELDING. ALL WEDLERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDINACE WITH AWS "STANDARD QUALIFICATION PROCEDURES". CONTRACTOR SHALL SUBMIT CERTIFICATION OF WELDERS TO THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORK.
- 3. CONTRACTOR RESPONSIBLE FOR TEMPORARY HEAT SHIELDING AS REQUIRED DURING WELDING.
- 4. ALL WELDS TO BE VISUALLY INSPECTED BY A CERTIFIED WELD INSPECTOR PER AWS D1.1.
- 5. CONTRACTOR RESPONSIBLE FOR VIEWING EXISTING STRUCTURE FOR LOOSE AND FLAMMABLE MATERIAL PRIOR TO WELDING.
- 6. DUE TO PROPOSED MATERIAL THICKNESS, MULTIPLE PASSES ARE REQUIRED TO AVOID WARPING.









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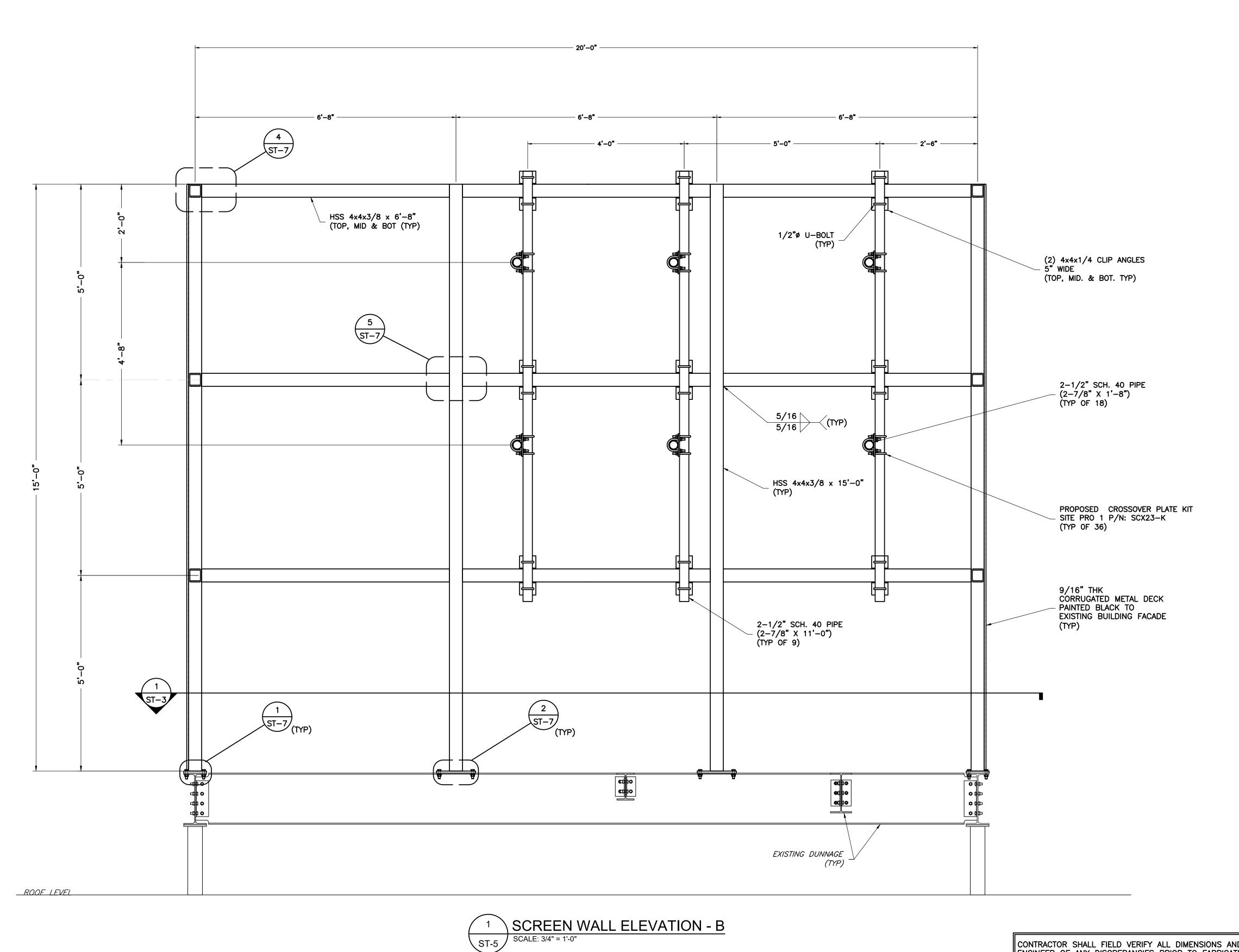
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TRENT TRAVIS SNARR, P.E. VIRGINIA PROFESSIONAL ENGINEER LICENSE #049978

SCREEN WALL SECTIONS

ST-

PROPOSED ANTENNAS AND PLATFORM SCREENWALL ARE TO BE PAINTED BLACK TO MATCH THE EXISTING TO BE REPLACED



CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO FABRICATION. ANY DIMENSIONS SHOWN BASED ON EXISTING STRUCTURE CONFIGURATION ARE APPROXIMATE AND MUST BE VERIFIED IN ORDER TO ACHIEVE PROPER FIT UP.

PROPOSED ANTENNAS AND PLATFORM SCREENWALL ARE TO BE PAINTED BLACK TO MATCH THE EXISTING TO BE REPLACED

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ENGINEER

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05/27/21

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SCREEN WALL SECTIONS

ST-5

