



SITE NAME: JEA YULEE

STRUCTURE TYPE: 180' MONOPOLE TOWER COMPOUND

MARKET: NASSAU COUNTY

PROPOSED PLATFORM ADDITION

TOWER DATA (NAD 83)	
TOWER:	180' MONOPOLE/TOP OF APPURTENANCES 199'
LATITUDE:	30° 37' 50.4" NORTH
LONGITUDE:	81° 35' 40.6" WEST
GROUND ELEVATION:	19.3' ASML
ZONING INFORMATION	
PERMITTING JURISDICTION:	NASSAU COUNTY
ZONING CLASS:	OPEN RURAL
STRAP #:	42-2N-27-0000-00
SCOPE OF WORK	
1. INSTALL PROPOSED GENERATOR ELEVATED PLATFORM	
2. INSTALL PROPOSED EXPANDED ACCESS PLATFORM ON EXISTING SHELTER FOR ATS	
3. EXPAND COMPOUND FENCE AND ADDITIONAL DRIVE WAY/TURNAROUND	
HANDICAP REQUIREMENTS	
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION; HANDICAP ACCESS REQUIREMENTS ARE NOT REQUIRED:	
PLUMBING REQUIREMENTS	
FACILITY HAS NO SANITARY OR POTABLE WATER.	

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SITE HAZARD INFORMATION	
THIS FACILITY DOES NOT POSE A RISK OF EXPLOSION, FIRE OR OTHER DAMAGE DUE TO PROXIMITY TO VOLATILE, FLAMMABLE OR EXPLOSIVE MATERIALS.	
FLOOD HAZARD AREA NOTE	
THE PROPERTY SHOWN HEREON LIES ON COMMUNITY PANEL NO. 12089C0215F DATED DECEMBER 17, 2010. THE JEA LEASE PARCEL DEPICTED HEREON LIES IN ZONE "X".	
APPLICABLE CODES	
- FLORIDA BUILDING CODE 2014 (5TH EDITION) WIND DESIGN CRITERIA	
A. ASCE 7 - 10	
ULTIMATE WIND SPEED = 126 MPH	
RISK CATEGORY = II	
EXPOSURE = C	
B. ANSI/ TIA-222-G-2	
(ALLOWED PER EXEMPTION # 5 OF 1609.1.1, FBC 2014)	
NOMINAL WIND SPEED = 97 MPH	
STRUCTURE CLASS = III	
TOPOGRAPHIC CATEGORY = 1	
- FLORIDA FIRE PREVENTION CODE - 2017 (6TH EDITION)	
- NATIONAL ELECTRIC CODE (NFPA 70-2017)	
- COUNTY ORDINANCES	
- JEA REQUIREMENTS	

LOCATION MAP	
DRIVING DIRECTIONS	
From Jacksonville International Airport:	
1. Head northwest on Yankee Clipper Dr (go 59 ft).	
2. Use the 2nd from the right lane to stay on Yankee Clipper Dr (go 0.2 mi).	
3. Slight left (go 233 ft).	
4. Keep right (go 0.4 mi).	
5. Continue straight onto Dixie Clipper Dr (go 0.3 mi).	
6. Continue straight to stay on Dixie Clipper Dr (go 0.5 mi).	
7. Keep left to stay on Dixie Clipper Dr (go 0.3 mi).	
8. Continue onto Airport Rd (go 1.2 mi).	
9. Continue onto Duval Rd (go 0.2 mi).	
10. Turn left to merge onto I-95 N (go 0.3 mi).	
11. Merge onto I-95 N (go 9.2 mi).	
12. Take exit 373 for Florida 200/Florida A1A toward Callahan/Fernandina Beach (go 0.2 mi).	
13. Keep right at the fork, follow signs for Yulee/Amelia Island/Fernandina Bch and merge onto FL-200/Florida A1A S/The Buccaneer Trail (go 279 ft).	
14. Continue on The Buccaneer Trail (go 3.4 mi).	
15. Destination will be on the right.	

PROJECT CONTACTS				
PROPERTY OWNER	DEVELOPER	SURVEYOR	TELEPHONE COMPANY	POWER COMPANY
JEA 21 W. CHURCH ST JACKSONVILLE, FL 32202 PHONE: 904-665-7953 CELL: 904-509-3416	JEA 21 W. CHURCH ST JACKSONVILLE, FL 32202 PHONE: 904-665-7383 CELL: 904-482-2376	N/A	N/A	N/A
STEVE TANNER EMAIL: tannsc@jea.com	STEVE TANNER EMAIL: tannsc@jea.com			

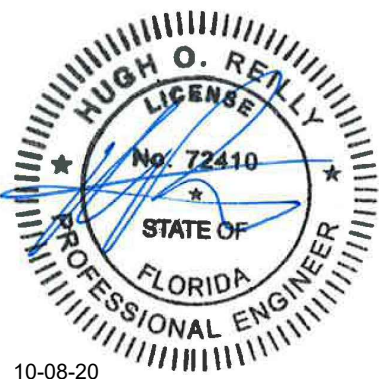
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1	09-03-20	FOR PERMIT/ CONSTRUCTION							
0	08-16-20	FOR PERMIT/ CONSTRUCTION							
NO.	DATE	REVISIONS AND RECORD OF ISSUE	BY	CHK	APP	FLM			



5113 MEMORIAL HWY.
TAMPA, FLORIDA 33634
(770) 853-1233
FL CA # 31014

TITLE SHEET
JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING
T-1
DATE:
10-08-20



10-08-20

GENERAL NOTES:

- CONTRACTOR(S) SHALL VISIT PROJECT SITE TO BE FAMILIARIZED WITH ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. NO CHANGE ORDERS WILL BE ALLOWED AS A RESULT OF ANY FORESEEABLE EXISTING CONDITION PRIOR TO SUBMITTING A BID AND WORK SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE OWNER.
2. THE COMPLETE BID PACKAGE INCLUDES A SET OF CONSTRUCTION DRAWINGS HEREIN AND TOWER DRAWINGS, OTHER REFERENCED DRAWINGS, SPECIFICATIONS, STANDARDS, AND MANUFACTURER'S CATALOG DATA AS MAY BE REQUIRED SUCH THAT A FULL UNDERSTANDING OF THE WORK REQUIRED IS PROVIDED. CONTRACTOR(S) IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE DOCUMENTS PRIOR TO SUBMITTAL OF BIDS. THE TERM "CONSTRUCTION MANAGER" SHALL MEAN JEA SITE DEVELOPMENT PROJECT MANAGER, CONSTRUCTION MANAGER, OR SITE REPRESENTATIVE THAT IS DEEMED IN RESPONSIBLE CHARGE OF SAID CONTRACT.
3. THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL CHANGES AND SUBSTITUTIONS FROM THE PLANS TO THE FINAL "AS-BUILT" INSTALLATION. A RECORD OF CHANGES SHALL BE MADE ON A CLEAN SET OF CONTRACT DRAWINGS MARKED "AS-BUILT" TO BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION AND ACCEPTANCE OF THE WORK. CHANGES OR SUBSTITUTIONS ARE PERMITTED ONLY BY WRITTEN ACCEPTANCE FROM "CONSTRUCTION MANAGER".
4. THE GENERAL CONTRACTOR SHALL MAINTAIN COMPLETE RESPONSIBILITY FOR THE WORK SITE CONDITIONS, INCLUDING THE SAFETY (SEE NOTE #4-PERMIT AND CODE REQUIREMENTS) OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE CONSTRUCTION UNTIL FINAL ACCEPTANCE AND RELEASE. RESPONSIBILITY OF THE WORK SITE SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR(S) FURTHER AGREE TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK AS SPECIFIED. ANY DAMAGE TO ADJACENT PROPERTIES AS A RESULT OF WORK PERFORMED WILL BE CORRECTED BY THE CONTRACTOR AT NO EXTRA COST TO THE CONTRACT.
5. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OPERATIONS.
6. ALL WORK SHALL BE COMPLETED IN A SATISFACTORY, PROFESSIONAL, WORKMANLIKE MANNER, SUBJECT TO PERIODIC AND/OR REQUIRED INSPECTIONS DURING CONSTRUCTION, AND FOR FINAL ACCEPTANCE OF COMPLETED WORK BY THE CONSTRUCTION MANAGER. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKERS WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF WORK.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AN APPROVED TRAFFIC CONTROL PLAN, AS REQUIRED, FOR THE PUBLIC SAFETY ADJACENT TO CONSTRUCTION SITE. THE TRAFFIC CONTROL PLAN MUST BE IN ACCORDANCE WITH LATEST TRAFFIC CONTROL REGULATIONS.
8. CONTRACTOR SHALL SUPPLY/ PROVIDE ALL MATERIALS, EQUIPMENT, AND MAN POWER EXCEPT AS PROVIDED IN THE JEA B.O.M. OF ALL MATERIAL AND EQUIPMENT TO BE FURNISHED BY JEA.

ENVIRONMENTAL:

3. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
2. CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADWAYS AND WATERWAYS AND SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
3. CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/SILT CONTROL FENCING AND PROTECTIVE MEASURES WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
4. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES WITH SILT AND EROSION CONTROL MEASURES MAINTAINED ON THE DOWNSTREAM SIDE OF SITE DRAINAGE. ANY DAMAGE TO ADJACENT PROPERTY AS A RESULT OF EROSION WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
7. CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
8. SEEDING AND MULCHING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
10. RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCES.

PERMITS AND CODE REQUIREMENTS:

- ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES OR ORDINANCES. THE MOST STRINGENT SHALL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS. ALL CONSTRUCTION, INSTALLATIONS AND MATERIALS SHALL COMPLY WITH THE MOST RECENT EDITIONS OF THE FLORIDA BUILDING CODE, ANY APPLICABLE COUNTY CODES AND REGULATIONS AND SHALL MEET OR EXCEED THE STRICTER OF SAID REQUIREMENT. THE CONSTRUCTION MANAGER WILL CONFIRM APPLICABLE CODE REQUIREMENTS PRIOR TO CONSTRUCTION.
2. CONTRACTOR(S) SHALL SECURE ALL THE NECESSARY REGULATORY PERMITS FOR THIS WORK FROM ALL APPLICABLE GOVERNMENT AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL THE CONDITIONS AND REQUIREMENTS OF THE PERMITS. GENERAL CONTRACTOR SHALL OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES, INSPECTIONS, ETC..
3. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING OF REQUIRED INSPECTIONS AND ALLOWING TIMELY NOTICE TO THE BUILDING INSPECTION DEPARTMENT; A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN.
4. ALL WORK SHALL COMPLY WITH OSHA (OCCUPATIONAL SAFETY HAZARD ADMINISTRATION) AND ANY STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO ANY ACTIVITIES. IN ADDITION, CONTRACTOR AND ALL PERSONEL SHALL COMPLY WITH JEA CONTRACT SAFETY REQUIREMENTS THAT MAY MEET OR EXCEED OTHER REFERENCED STANDARDS, I.E. MINIMUM WORK CLOTHING OF SHIRT, LONG PANTS, WORK BOOTS, HARD HAT, AND SAFETY GLASSES.
5. CONTRACTOR(S) ARE RESPONSIBLE FOR ALL TEMPORARY CONSTRUCTION STAGING, BRACING, SHORING, TIES, FORM-WORK ETC.. AS MAY BE NECESSARY OR REQUIRED TO PERFORM THE WORK TO IT'S COMPLETION IN A SAFE MANNER. ALL TEMPORARY WORK SHALL BE DONE IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES TO SAFELY EXECUTE WORK.
6. FAA/FCC COMPLIANCE COORDINATION AND NOTIFICATIONS SHALL BE HANDLED BY JEA.
7. CONTRACTOR SHALL REMOVE ALL DEBRIS AND EMPTY COAXIAL CABLE REELS FROM THE SITE UPON COMPLETION OF THE PROJECT.
8. BOUNDARY, TOPOGRAPHY AND EXISTING SITE FEATURES ARE BASED ON PROPERTY SURVEY. CONTRACTOR SHALL UTILIZE SURVEY TO ESTABLISH LOCATIONS OF PROPERTY BOUNDARIES ELEVATIONS, BENCHMARKS AND OTHER SITE INFORMATION. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS AND IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER/ENGINEER OF ANY DISCREPANCIES BETWEEN THE SURVEY (OR EXISTING CONDITIONS) AND THE DRAWINGS PRIOR TO PROCEEDING WITH WORK.
9. CONTRACTOR SHALL DOCUMENT THE EXISTING LOCATIONS OF ALL BURIED UTILITIES, INCLUDING POWER, GROUNDING, CONDUIT SIZES AND LOCATIONS, ETC.
10. CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS DURING THE CONSTRUCTION AND REESTABLISH ANY DISTURBED MONUMENTS BY A PROFESSIONAL LAND SURVEYOR.
11. ANTENNA TOWER AND TOWER FOUNDATIONS ARE SHOWN ONLY FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO TOWER RELEASE DRAWINGS AND/OR TOWER AS-BUILTS FOR TOWER DETAILS.
12. WHERE REQUIRED, MAINTAIN A MINIMUM OF 10 FT. CLEARANCE DISTANCE FROM TANK FILL CONNECTION AND ANY EXTERIOR SOURCE OF IGNITION.
13. ANY SUBSTITUTIONS OF MATERIALS, EQUIPMENT OR ALTERATIONS FROM THE PLANS AND/OR SPECIFICATIONS SHALL BE APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO ORDERING OR INSTALLATIONS.
14. COLOR OPTIONS SHALL BE SELECTED BY CONSTRUCTION MANAGER.
15. ANY MATERIALS STORED ON SITE SHALL BE STORED IN CLOSED OR COVERED CONTAINERS AND ALL EXCESS WASTE MATERIALS SHALL BE PROPERLY DISPOSED.

DESIGN CRITERIA:

1. DESIGN IS IN ACCORDANCE WITH THE 2017 (6TH EDITION) FLORIDA BUILDING CODE WITH ALL AMENDMENTS.
2. EQUIPMENT LOADS:
 - A. NEW UTILITY H-FRAME W/ CABINETS = 800 LBS
3. DESIGN LOADS: NASSAU COUNTY, FLORIDA
 - A. 137 MPH 3-SECOND-GUST WIND SPEED. BUILDING CATEGORY III, IMPORTANCE FACTOR 1.15, EXPOSURE CATEGORY C.
 - B. ALL OTHER LOADS ARE PER ASCE 7-05
4. EQUIPMENT PAD-ON-GRADE DESIGN IS BASED ON MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF.
5. DESIGN OF ANTENNAS, MOUNTING HARDWARE, EQUIPMENT CABINETS AND ACCESSORIES ARE BY OTHERS.

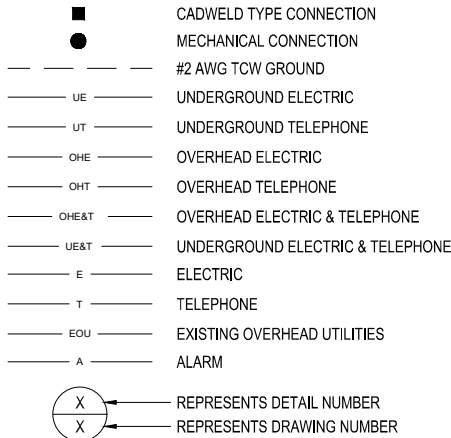
REINFORCED CONCRETE:

1. PREPARATION, TESTING, AND PLACING OF CONCRETE AND REINFORCEMENT SHALL BE PER ACI-318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", LATEST EDITION.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT FIBER MESH AND OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT END OF 28 DAYS AS DETERMINED BY ASTM C31 AND C39. CONTRACTOR SHALL SUBMIT CONCRETE TEST RESULTS TO THE CONSTRUCTION MANAGER IN A TIMELY MANNER TO NOT DELAY CONSTRUCTION SEQUENCE OF ACTIVITIES. ALL CONCRETE TEST RESULTS FOR 7 DAY AND FOR 28 DAY SHALL BE SUBMITTED FOR ACCEPTANCE. CONCRETE THAT DOES NOT MEET THE STRENGTH REQUIREMENTS SHALL BE REPLACED AT NO ADDITIONAL COST INCLUDING ANY ASSOCIATED COSTS WITH REMOVING AND REINSTALLING EQUIPMENT.
3. FIBER REINFORCED CONCRETE SHALL COMPLY WITH ASTM A820 WITH MINIMUM DOSAGE RATE OF 80 LBS PER CUBIC YARD OF CONCRETE.
4. REINFORCING BARS SHALL HAVE A MINIMUM TENSILE YIELD STRENGTH OF 60,000 PSI AND SHALL COMPLY WITH ASTM A615.
5. PROVIDE MINIMUM OF 3 INCHES OF CONCRETE COVER OVER STEEL REINFORCING.
6. DURING PLACEMENT OF CONCRETE, MAINTAIN TEMPERATURE BETWEEN 50° AND 90° FAHRENHEIT.
7. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER PRIOR TO ANY CONCRETE PLACEMENT.
8. ALL CONCRETE ANCHORAGE SUCH AS EXPANSION ANCHORS, WEDGE ANCHORS & ADHESIVE ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURES. ANCHOR BOLTS, DOWELS AND/OR THREADED RODS, SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH, OR AS SHOWN ON DRAWINGS.

STRUCTURAL STEEL:

1. ALL WORK ON MONOPOLE TOWER SHALL COMPLY WITH TOWER STRUCTURAL REQUIREMENTS.
2. STRUCTURAL PIPE SHALL COMPLY WITH ASTM A53, TYPE E OR S, GRADE B, FY = 35KSI. WIDE FLANGE SHAPES SHALL COMPLY WITH ASTM A992, GRADE 50. ALL OTHER STRUCTURAL SHAPES & PLATES SHALL COMPLY WITH ASTM A36.
3. ALL EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A153 OR A123.
4. WELDING: ALL WELDING IS TO BE DONE BY PRE-QUALIFIED WELDERS, HOLDING CURRENT CERTIFICATE FROM A RECOGNIZED TESTING LABORATORY. CONSTRUCTION MANAGER SHALL RECEIVE ON FILE CERTIFICATES OF WELDERS FOR APPROVAL PRIOR TO ANY WELDING OPERATIONS. ALL WELDS ARE TO BE PER AWS D1.1, LATEST EDITION. ALL WELDS SHALL BE 3/16" MINIMUM FILLET WELDS U.O.N. ELECTRODES SHALL BE E70XX.
5. ON SITE WELDING SHALL NOT BE ALLOWED OTHER THAN THE WELDING SHOWN ON THESE DRAWINGS AS FIELD WELDS. TORCH CUTTING OF STEEL IS NOT ALLOWED.
6. APPLY TWO COATS OF ZINC-RICH RUST-OLEUM #2185 PAINT TO ALL FIELD DRILLED HOLES AND EXPOSED CUT SURFACES, INCLUDING ALL ENDS OF CUT 'UNI-STRUT' INSTALLED AS PART OF WORK. GLID-GUARD EPOXY #5465 COATING SHALL BE APPLIED TO ALL AREAS WHERE GALVANIZED SURFACES NEED TO BE RECONDITIONED, INCLUDING ALL WELD AREAS. THOROUGHLY CLEAN SURFACE PRIOR TO APPLICATION OF ANY CORROSION INHIBITING COMPOUND OR PRODUCTS.
7. FASTENERS SHALL BE DOMESTIC, NEW HIGH STRENGTH GALVANIZED BOLTS, BEARING TYPE "X" (THREADS EXCLUDED) AND SHALL COMPLY WITH ASTM A325 SPECIFICATIONS, U.O.N.
8. BOLTS SHALL BE TIGHTENED USING TURN-OF-THE-NUT METHOD, U.O.N. EXCEPT TORQUE MECHANICAL AND ADHESIVE ANCHORS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

ELECTRICAL LEGEND:



ABBREVIATIONS

ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BATT	BATTERY
BGR	BURIED GROUND RING
C	CONDUIT
CONC	CONCRETE
CGB	COAX GROUND BAR
DOT	DEPARTMENT OF TRANSPORTATION
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
FNMC	FLEXIBLE NON-METALIC CONDUIT
MTS	MANUAL TRANSFER SWITCH
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
PPC	POWER PROTECTION CABINET
RBS	RADIO BASE STATION
RGS	RIGID GALVANIZED STEEL
TCW	TINNED COPPER WIRE (#2 AWG SOLID)
TYP	TYPICAL

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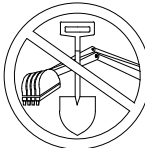
GENERAL NOTES

JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING

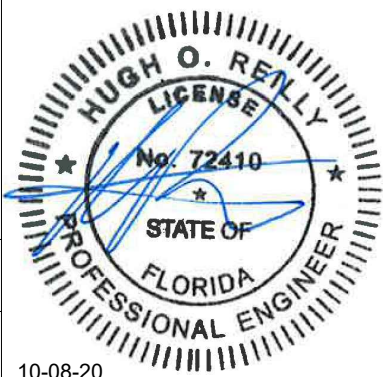
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DATE:
10-08-20



SUNSHINE STATE
ONE-CALL CALL:
STATEWIDE 1-800-432-4770
48 HOURS BEFORE YOU
DIG

CAUTION:
CONTRACTOR SHALL EXERCISE CAUTION DURING
EXCAVATION, SO AS TO NOT DISTURB ANY
EXISTING UNDERGROUND UTILITIES OR
GROUNDING SYSTEMS.



ELECTRICAL:

- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ANY/ALL ELECTRICAL WORK INDICATED. ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE W/DRAWINGS AND ANY/ALL APPLICABLE SPECIFICATIONS. IF ANY PROBLEMS ARE ENCOUNTERED BY COMPLYING WITH THESE REQUIREMENTS, CONTRACTOR SHALL NOTIFY 'CONSTRUCTION MANAGER' AS SOON AS POSSIBLE, AFTER THE DISCOVERY OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK, UNTIL THE 'CONSTRUCTION MANAGER' HAS DIRECTED THE CORRECTIVE ACTIONS TO BE TAKEN.
- ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL EXISTING CONDITIONS OF ELECTRICAL EQUIP., LIGHT FIXTURES, ETC., THAT ARE PART OF THE FINAL SYSTEM, SHALL BE VERIFIED BY THE CONTRACTOR, PRIOR TO THE SUBMITTING OF HIS BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC AND ALL CODES AND LOCAL ORDINANCES OF THE LOCAL POWER & TELEPHONE COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT NOT BE LIMITED TO:
 - NFC - NATIONAL FIRE CODES
 - UL - UNDERWRITERS LABORATORIES
 - NEC - NATIONAL ELECTRICAL CODE
 - NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 - OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
 - SBC - STANDARD BUILDING CODE
- DO NOT SCALE ELECTRICAL DRAWINGS, REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH 'CONSTRUCTION MANAGER' ANY SIZES AND LOCATIONS WHEN NEEDED.
- EXISTING SERVICES: CONTRACTOR SHALL NOT INTERRUPT EXISTING SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
- CONTRACTOR SHALL PAY FOR ANY/ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO THE WORK BEGINNING OR ORDERING EQUIPMENT.
- THE TERM "PROVIDE" USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
- CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNERS' CONFIRMATION, ETC... ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.
- MINIMUM WIRE SIZE SHALL BE #12 AWG, NOT INCLUDING CONTROL WIRING, UNLESS NOTED OTHERWISE. ALL CONDUCTORS SHALL BE COPPER WITH THHN / THWN INSULATION.
- OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ELECTRICAL SYSTEM SHALL BE AS COMPLETELY AND EFFECTIVELY GROUNDED, AS REQUIRED BY SPECIFICATIONS, SET FORTH BY JEA.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND SUBJECT TO REGULATORY INSPECTION AND APPROVAL BY CONSTRUCTION MANAGER.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- CONTRACTOR SHALL GUARANTEE ANY/ALL MATERIALS AND WORK FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN TWO YEARS FROM DATE OF ACCEPTANCE.**
- THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREIN.
- ADEQUATE AND REQUIRED LIABILITY INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LOSS AND ANY/ALL PROPERTY DAMAGE FOR THE DURATION OF WORK.
- PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
- DITCHING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS 'EXCAVATION, AND BACKFILLING.
- MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SHALL APPEAR ON THE LIST OF U.L. APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IECE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURES CATALOG INFORMATION OF ANY/ALL LIGHTING FIXTURES, SWITCHES AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
- ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY AND SHALL BE INCLUDED IN THE COST FOR WORK AND PERFORMED TO THE SATISFACTION OF THE 'CONSTRUCTION MANAGER' UPON FINAL ACCEPTANCE.
- THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- DISCONNECT SWITCHES SHALL BE H.P. RATED HEAVY-DUTY, QUICK-MAKE AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
- ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-OXIDE COMPOUND SUCH AS "NO-OXIDE A" BY DEARBORNE CHEMICAL CO. COAT ALL WIRE SURFACES BEFORE CONNECTING. EXPOSED COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.

ELECTRICAL (CONT'D):

- RACEWAYS: CONDUIT SHALL BE SCHEDULE 80 PVC MEETING OR EXCEEDING NEMA TC2 - 1990. CONTRACTOR SHALL PLUG AND CAP EACH END OF SPARE AND EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LBS TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 2 FT. RADIUS. CONTRACTOR SHALL USE RIGID ALUMINUM CONDUIT FOR ABOVE GROUND APPLICATIONS; UNDERGROUND USE SCH. 80 ELECTRICAL PVC; ALL RADIUS BENDS SHALL BE LONG SWEEP, OR RIGID ALUMINUM; ALL ELECTRICAL PVC JOINTS SHALL BE PROPERLY GLUED TO PREVENT ANY ELEMENTS FROM THE GROUND FROM ENTERING THE CONDUITS.
- SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
- CONDUCTORS: CONTRACTOR SHALL USE 98% CONDUCTIVITY COPPER WITH TYPE THHN / THWN INSULATION, 600 V OR AS APPROVED BY JEA UPON SUBMITTAL, COLOR CODED. USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 8 AWG.
- CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TYPE INSULATED TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.
- SERVICE: 240/120V, SINGLE PHASE, 3 WIRE CONNECTION AVAILABLE FROM UTILITY COMPANY. OWNER OR OWNERS AGENT WILL APPLY FOR POWER.
- TELEPHONE SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
- ELECTRICAL AND TELCO RACEWAYS TO BE BURIED A MINIMUM OF 2' DEPTH.
- CONTRACTOR SHALL PLACE TWO LENGTHS OF WARNING TAPE AT A DEPTH OF 12" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELCO SERVICE CONDUITS. CAUTIONS TAPE TO READ "CAUTION BURIED ELECTRIC" OR "BURIED TELECOMM".
- ALL BOLTS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL(LOW CARBON GRADE).

UTILITIES:

- DAMAGE TO ALL UTILITIES, LAND, DRIVEWAY AREAS AND PROPERTY OF OTHERS, DISTURBED BY CONSTRUCTION ACTIVITIES, SHALL BE RETURNED TO ITS ORIGINAL CONDITION OR BETTER FOR FINAL ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE WITH THE LOCAL POWER AND TELEPHONE UTILITIES, AND THE 'CONSTRUCTION MANAGER', TO CONFIRM THE SOURCE OF SERVICE PRIOR TO INSTALLATION OF CONDUITS.
- CONTRACTOR SHALL INSTALL THE UNDERGROUND POWER AND TELEPHONE SERVICE TO EQUIPMENT, AS INDICATED ON ELECTRICAL PLAN AND CONDUIT TRENCH DETAIL.
- CONTRACTOR SHALL CONTACT SUBSURFACE UTILITY LOCATOR FOR EXACT LOCATION OF EXISTING UTILITIES, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS BY TEST PIT, AS NECESSARY TO OBTAIN EXACT LOCATION OF UTILITIES. THE UTILITIES SHOWN ON PLANS ARE APPROXIMATE AND FOR SCHEMATIC PURPOSES ONLY.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND PROVIDE PROTECTION DURING CONSTRUCTION ACTIVITIES AS REQUIRED.
- ALL INTERFACING SURFACES OF DISSIMILAR METALS THAT SHALL BE COATED WITH 'NO-OX' TO PROHIBIT OXIDATION.
- UTILITIES LOCATED WITHIN ROADWAYS SHALL BE BACK FILLED WITH MIN 18" THICK DENSELY GRADED COARSE AGGREGATE SUB BASE.
- HAND EXCAVATION SHALL BE REQUIRED IN ANY AREAS WHERE EXISTING UTILITIES MAY BE UNCOVERED OR NEAR BY. EXISTING ACTIVE UTILITIES SHALL BE PROTECTED AND MAINTAINED AT ALL TIMES.

GROUNDING:

- SITE GROUNDING SHALL COMPLY WITH JEA GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH THE GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL REQUIREMENTS ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF TOWER AND/OR INSTALLATION OF ANTENNAS AS SHOWN.
- GROUNDING OF ANTENNA MOUNTS, COAX AND EQUIPMENT SHALL BE IN ACCORDANCE WITH JEA SPECIFICATIONS.
- GROUND RING TO EARTH RESISTIVITY SHALL BE 5 OHMS OR LESS.
- GROUND RODS TO BE 5/8"Ø X 10' LONG COPPER CLAD STEEL RODS TO BE DRIVEN TO A DEPTH OF 30 INCHES AND SPACED AT A MAXIMUM OF 10 FEET ALONG EQUIPMENT GROUND RINGS.
- EXOTHERMIC WELDS SHALL BE USED FOR ALL BELOW GRADE CONNECTIONS, EXCEPT FOR ROD TO ROD CONNECTION.
- EXOTHERMIC WELDS SHALL BE USED FOR ALL LUG FITTINGS TO GROUND WIRE CONNECTIONS AT ANTENNA GROUND BAR AND COLLECTOR BARS.
- TOWER GROUND RING SHALL BE ATTACHED TO STRUCTURE IN THREE LOCATIONS ON THE FLANGE OF TOWER OR POLE BASE. DO NOT WELD TO POLE SHAFT OR TOWER LEGS.
- TOWER AND EQUIPMENT RING SHALL TIE BACK TO BELOW GRADE WITH TWO LEADS.
- TOWER GROUND RING TO BE INSTALLED WITHIN 3' FROM TOWER FOUNDATION.
- EQUIPMENT GROUND RING TO BE INSTALLED WITHIN 3' FROM CONCRETE FOUNDATION.
- TCW SIZE #2 SHALL USED THROUGHOUT EXCEPT WHERE SPECIFICALLY CALLED OUT OTHERWISE ON DRAWINGS.
- CONNECT GATE TO GATE POST (TYP 2 PLACES) WITH A CONNECT-IT FLEXIBLE GATE JUMPER 4/0 STRANDED (CIW PART #38-5534-24) OR APPROVED EQUAL (FURNISHED BY CONTRACTOR). LENGTH TO ALLOW FOR FULL SWING OPERATION OF ALL GATES.
- WHERE MECHANICAL CONNECTORS ARE USED, APPLY A LIBERAL PROTECTIVE COATING OF AN ANTI-OXIDE COMPOUND SUCH AS "NO OXIDE A" BY DEARBORNE CHEMICAL COMPANY OR EQUAL. THOROUGHLY CLEAN AND REMOVE ALL PAINT FROM SURFACES REQUIRING GROUND CONNECTIONS. USE STAINLESS STEEL HARDWARE FOR ALL COMPRESSION TYPE LUGS. USE ONLY SILICON BRONZE HARDWARE FOR THERMOWELD LUG CONNECTIONS. USE S.S. BOLTS 1/2 INCH DIA. MIN. WITH WASHER HEAD & NUT & LOCKWASHER FOR LUG CONNECTIONS
- GROUND ALL ICE BRIDGE POSTS TO THE EQUIPMENT GROUND RING.
- GROUND RING SHALL BE BURIED A MINIMUM 30" BELOW GRADE.
- WELD TYPES TO BE: "T" TYPE FOR GROUND RODS AND PARALLEL CONNECTIONS OF SIZE #2.

FOUNDATION, EXCAVATION AND BACKFILL:

- ALL FINAL GRADED SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL.
- ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNDISTURBED SOILS, SUBSTANTIALLY HORIZONTAL AND FREE FROM ANY LOOSE, UNSUITABLE MATERIAL OR FROZEN SOILS, AND WITHOUT THE PRESENCE OF PONDING WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD FOUNDATIONS SHALL NOT BE LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR THE SOIL IN ACCORDANCE WITH ASTM D1557.
- CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC OR UNSUITABLE MATERIAL. IF INADEQUATE BEARING CAPACITY IS REACHED AT THE DESIGNED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION SHALL BE FILLED WITH CONCRETE OF THE SAME TYPE SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. ANY STONE SUB BASE MATERIAL, IF USED, SHALL NOT SUBSTITUTE FOR REQUIRED THICKNESS OF CONCRETE.
- ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH PRIOR TO BACK FILLING. BACK FILL SHALL CONSIST OF APPROVED MATERIALS SUCH AS EARTH, SANDY CLAY, SAND AND GRAVEL, OR SOFT SHALE, FREE FROM CLODS OR LARGE STONES OVER 2 1/2" MAX DIMENSIONS. ALL BACK FILL SHALL BE PLACED IN COMPACTED LAYERS.
- ALL FILL MATERIALS AND FOUNDATION BACK FILL SHALL BE PLACED IN MAXIMUM 6"THICK LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE WETTED IF REQUIRED AND COMPACTED TO NOT LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR SOIL IN ACCORDANCE WITH ASTM D1557.
- NEWLY PLACED CONCRETE FOUNDATIONS SHALL CURE A MINIMUM OF 72 HRS PRIOR TO BACK FILLING.
- FINISHED GRADING SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AND PREVENT STANDING WATER. THE FINAL (FINISH) ELEVATION OF SLAB FOUNDATIONS SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE CENTER. FINISH GRADE OF CONCRETE PADS SHALL BE A MAXIMUM OF 4 INCHES ABOVE FINAL FINISH GRADE ELEVATIONS. PROVIDE SURFACE FILL GRAVEL TO ESTABLISH SPECIFIED ELEVATIONS WHERE REQUIRED.
- NEWLY GRADED SURFACE AREAS TO RECEIVE GRAVEL SHALL BE COVERED WITH GEOTEXTILE FABRIC TYPE: MIRAFI 500X GEO TEXTILE FABRIC AS MANUFACTURED BY "CONSTRUCTION MATERIAL 1-800-239-3841" OR AN APPROVED EQUIVALENT, SHOWN ON PLANS. THE GEOTEXTILE FABRIC SHALL BE BLACK IN COLOR TO CONTROL THE RECURRENCE OF VEGETATIVE GROWTH AND EXTEND TO WITHIN 1 FOOT OUTSIDE THE SITE FENCING OR ELECTRICAL GROUNDING SYSTEM PERIMETER WHICH EVER IS GREATER. ALL FABRIC SHALL BE COVERED WITH A MINIMUM OF 2" DEEP COMPACTED CRUSHED LIMESTONE FOR GENERAL COMPOUND AREAS AND 4" DEEP COMPACTED LIMESTONE FOR ACCESS DRIVE AND UNDER CONCRETE PADS (CRUSHED RECYCLED CONCRETE IS NOT ACCEPTABLE) AS SPECIFIED. I.E. FDOT TYPE NO. 57 FOR FENCED COMPOUND; FDOT TYPE NO. 67 FOR ACCESS DRIVE AREA.
- IN ALL AREAS TO RECEIVE FILL, REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SUCH THAT FILL MATERIAL WILL BIND WITH EXISTING/PREPARED SOIL SURFACE.
- WHEN SUB GRADE OR PREPARED GROUND SURFACE HAS A DENSITY LESS THAN THAT REQUIRED FOR THE FILL MATERIAL, SCARIFY THE GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION AND/OR AERATE THE SOILS AND RECOMPACT TO THE REQUIRED DENSITY PRIOR TO PLACEMENT OF FILLS.
- IN AREAS WHICH EXISTING GRAVEL SURFACING IS REMOVED OR DISTURBED DURING CONSTRUCTION OPERATIONS, REPLACE GRAVEL SURFACING TO MATCH ADJACENT GRAVEL SURFACING AND RESTORED TO THE SAME THICKNESS AND COMPACTION AS SPECIFIED. ALL RESTORED GRAVEL SURFACING SHALL BE FREE FROM CORRUGATIONS AND WAVES.
- EXISTING GRAVEL SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED WITH THE CONDITION THAT ANY UNFAVORABLE AMOUNTS OF ORGANIC MATTER, OR OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ANY ADDITIONAL GRAVEL RESURFACING MATERIAL AS NEEDED TO PROVIDE A FULL DEPTH COMPACTED SURFACE THROUGHOUT SITE.
- GRAVEL SUB SURFACE SHALL BE PREPARED TO REQUIRED COMPACTION AND SUB GRADE ELEVATIONS BEFORE GRAVEL SURFACING IS PLACED AND/OR RESTORED. ANY LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED AND ANY DEPRESSIONS IN THE SUB GRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. GRAVEL SURFACING MATERIAL SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUB GRADE.
- PROTECT EXISTING GRAVEL SURFACING AND SUB GRADE FEATURES SUCH AS CULVERTS ETC. IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING 'MATT'S' OR OTHER SUITABLE PROTECTION DESIGNED TO SPREAD EQUIPMENT LOADS AS MAY BE NECESSARY. REPAIR ANY DAMAGE TO EXISTING GRAVEL SURFACING OR SUB GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTORS OPERATIONS.
- DAMAGE TO EXISTING STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/ OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE CONTRACT. APPROVED LOCATIONS SHALL BE KNOWN PRIOR TO DISPOSAL ACTIVITIES.

2	10-08-20	FOR PERMIT/ CONSTRUCTION					
1	09-03-20	FOR PERMIT/ CONSTRUCTION					
0	08-16-20	FOR PERMIT/ CONSTRUCTION					
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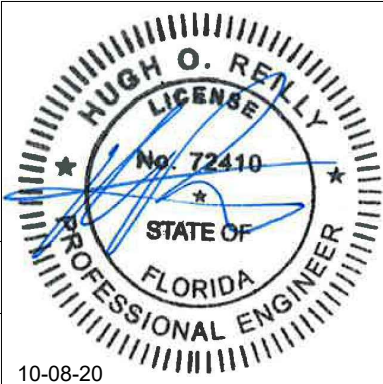
5113 MEMORIAL HWY.
TAMPA, FLORIDA 33634
(770) 853-1233
FL CA # 31014

GENERAL NOTES

JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING
N-2

DATE:
10-08-20



10-08-20

ANTENNA/COAXIAL CABLE GENERAL NOTES:

- 1. VERIFY EACH COAXIAL CABLE LENGTH, DIAMETER, ROUTING, COLOR CODING AND ALL APPURTENANCES WITH JEA.
- 2. THE MAXIMUM COAXIAL CABLE LENGTH AND CORRESPONDING COAXIAL CABLE DIAMETER HAS BEEN ESTIMATED ON SHEET C-4. THIS CABLE LENGTH IS APPROXIMATE, AND IS NOT TO BE USED FOR FABRICATION OR CONSTRUCTION. ACTUAL ANTENNA CABLE LENGTH(S) MAY VARY FROM ESTIMATED MAXIMUM LENGTH AND MUST BE VERIFIED.
- 3. ALL MAIN CABLES SHALL UTILIZE GROUND KITS, GROUNDED AS FOLLOWS:
 - A. NEAR ANTENNA RAD CENTER ELEVATION,
 - B. MIDDLE OF TOWER (MID-HEIGHT OF ANTENNA), IF CABLE RUN IS OVER 200',
 - C. BOTTOM OF TOWER,
 - D. AT MASTER GROUND BAR INSIDE JEA SHELTER.
- 4. ALL TOP JUMPERS SHALL BE LENGTHS AS SHOWN, AND INSTALLED BY CONTRACTOR.
- 5. ALL MAIN CABLES SHALL BE COLOR CODED AT THREE (3) LOCATIONS AS FOLLOWS:
 - A. AT ANTENNA PRIOR TO JUMPER
 - B. AT THE BOTTOM OF TOWER
 - C. AT THE MASTER GROUND BAR.
- 6. BANDING SHALL BE AS FOLLOWS:
 - A. MAIN LINE COLOR BANDS SHALL BE 2" WIDE. MAINTAIN 1" SPACING BETWEEN COLORS.
 - B. JUMPER COLOR BANDS SHALL BE 1" WIDE. WITH 1" SPACE.
 - C. START COLOR BANDS 2" BEYOND WEATHERPROOFING.
 - D. START SELECTOR COLOR NEXT TO END CONNECTORS.
- 7. FINAL COAXIAL ANTENNA CABLE SIZES SHALL BE DETERMINED BY JEA RF ENGINEER. SEE ANTENNA SCHEDULE SHEET C-4.
- 8. SEE CONSTRUCTION MANAGER FOR ANTENNA SUPPORT ASSEMBLY TYPE.
- 9. ALL COAXIAL CABLE WILL BE SECURED TO THE DESIGNED SUPPORT STRUCTURE AT DISTANCES NOT TO EXCEED 3' OR THE CABLE MANUFACTURES SPECIFICATIONS WHICHEVER IS LESS, WITH HARDWARE SPECIFIED IN THE COAXIAL CABLE ROUTING DETAILS OF THE SUPPLIED STRUCTURAL REPORT.
- 10. PROVIDE AT LEAST 6" OF SLACK IN THE MAIN COAXIAL CABLES AT THE ANTENNA MOUNTING ELEVATION TO PROVIDE FOR FUTURE CONNECTOR REPLACEMENT.

NATIONAL CODES & SPECIFICATIONS:

- 1. ANSI C84.1-1982, VOLTAGE RATINGS (60 HZ) FOR ELECTRICAL POWER SYSTEMS AND EQUIPMENT
- 2. NFPA 70, NATIONAL ELECTRICAL CODE, 2014 EDITION
- 3. UL 508, INDUSTRIAL CONTROL EQUIPMENT
- 4. UL 1581, ELECTRICAL WIRE, CABLES, AND FLEXIBLE CORDS

WOVEN WIRE FENCING:

- (INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F-900)
- 1. CORNER, TERMINAL OR PULL POSTS: 3", SCHEDULE 40. GATE POSTS: 4", SCHEDULE 40, FOR GATE WIDTHS UP TO 6', PER ASTM F-1083.
 - 2. LINE POST: 2 1/2", SCHEDULE 40 PIPE, PER ASTM F-1083.
 - 3. GATE FRAME: 1 1/2", SCHEDULE 40 PIPE, PER ASTM F-1083. TOP
 - 4. FENCE FABRIC: 9 GA CORE WIRE, SIZE 2 1/4" MESH, CONFORM TO ASTM A-392.
 - 5. TIE WIRE: 9 GA MINIMUM GALVANIZED STEEL AT POSTS AND RAILS, SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE W/HOG RINGS, SPACED AT 24" INTERVALS MAXIMUM.
 - 6. TENSION WIRE: 7 GA GALVANIZED STEEL.
 - 7. BARBED WIRE: DOUBLE STRAND, 12 1/2 GA, TWISTED WIRE TO MATCH W/FABRIC, 4-POINT BARBS SPACED AT APPROXIMATELY 5" OC; CLASS 1 GALVANIZED BARBED WIRE.
 - 8. GATE LATCH: 1 3/8" PLUNGER ROD W/MUSHROOM-TYPE CATCH AND LOCK; KEYED ALIKE FOR ALL SITES IN GIVEN MTA.
 - 9. LOCAL ORDINANCE FOR BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH, IF REQUIRED.
 - 10. HEIGHT: 8'-0" VERTICAL DIMENSION FOR FENCE + 1'-0" VERTICAL DIMENSION FOR BARBED WIRE.

NOTE: ALL ELECTRICAL WORK SHALL COMPLY WITH FP&L "ELECTRIC SERVICE STANDARDS" LATEST EDITION
(<https://www.fpl.com/partner/builders/service-standards.html>)

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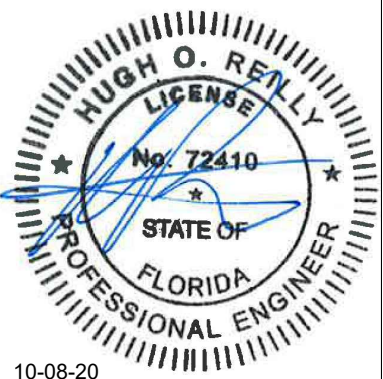
GENERAL NOTES

JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

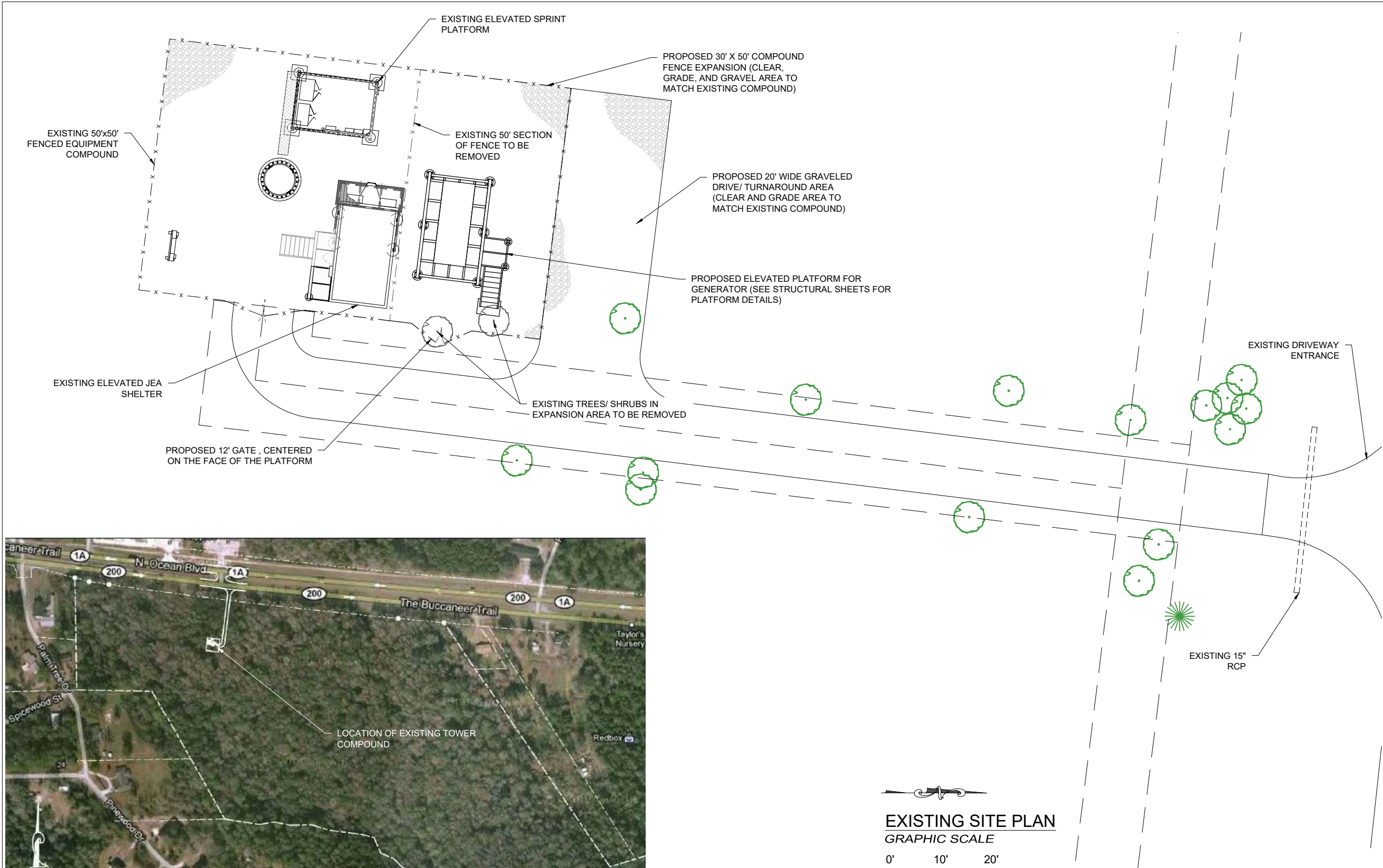
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10-08-20



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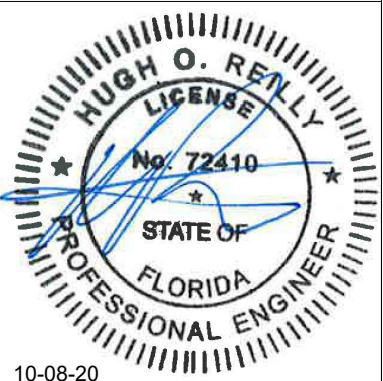
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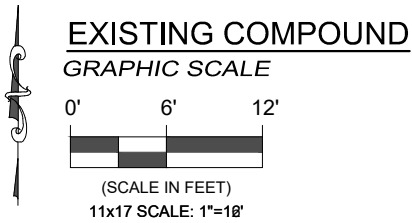
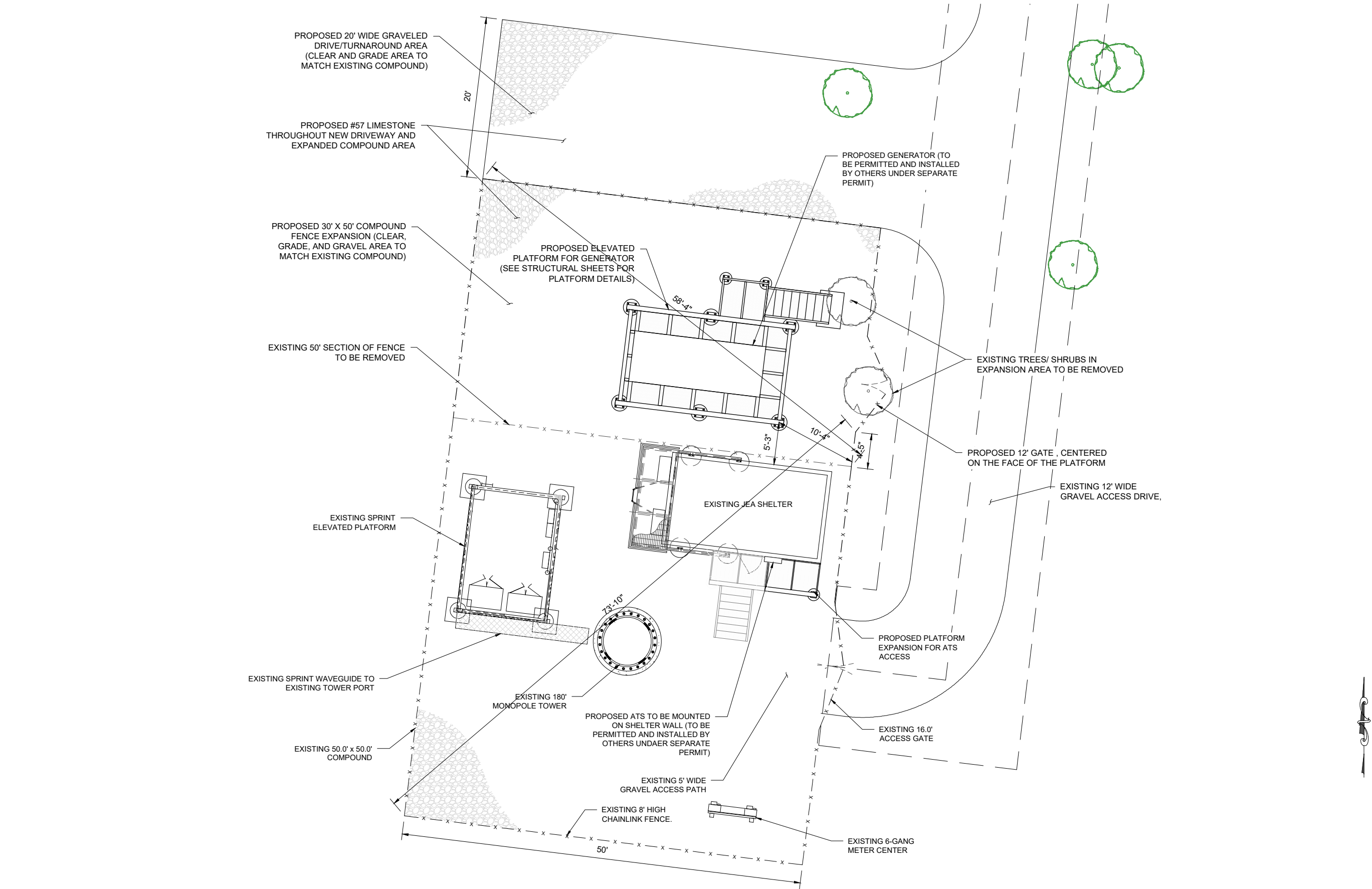
OVERALL SITE PLAN WITH AERIAL

JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING
C-1

DATE:
10-08-20





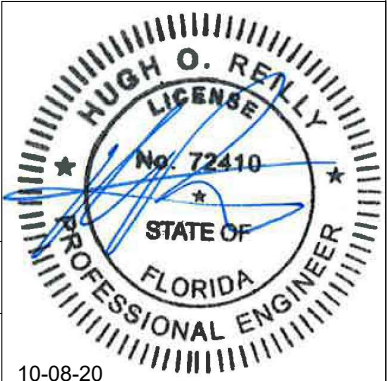
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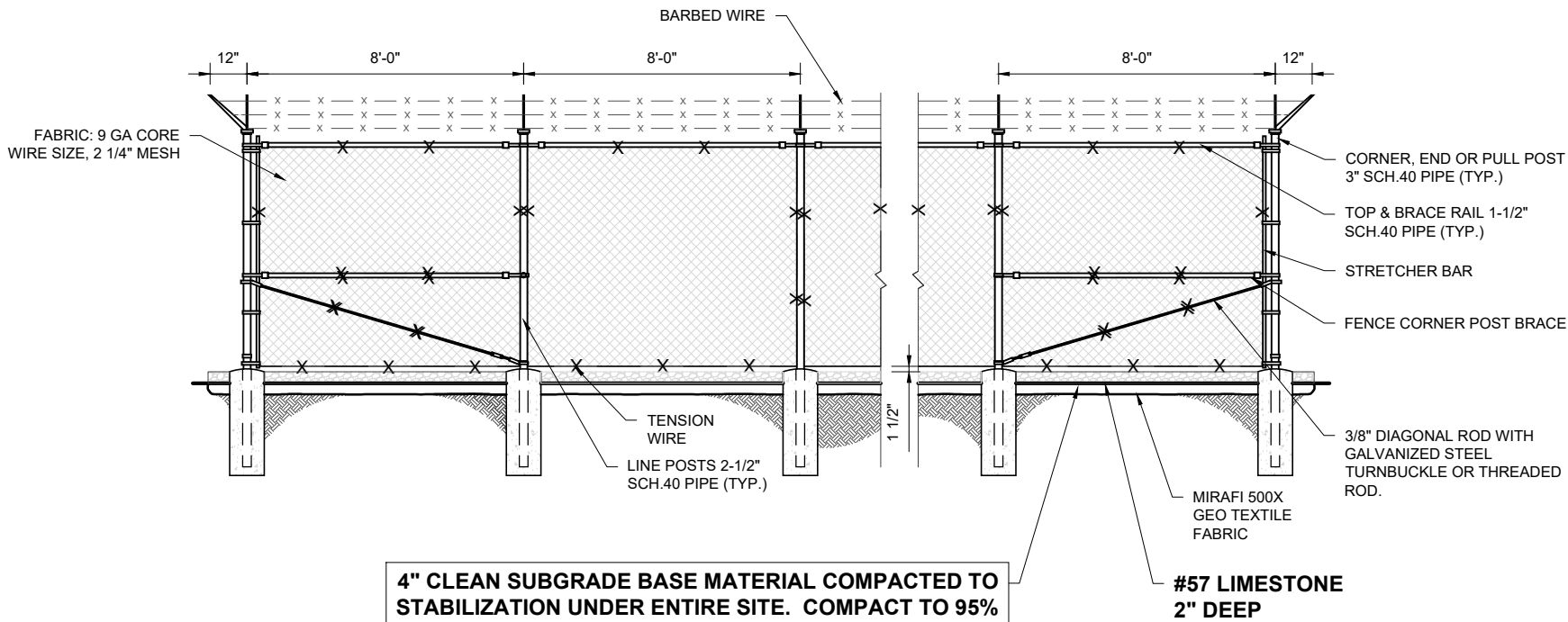


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EXISTING COMPOUND
JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING
C-2
DATE:
10-08-20





NOTE:
1. ORIENTATION SHOWN FOR REFERENCE ONLY, SEE SHEET C-2 FOR LOCATION OF GATE.

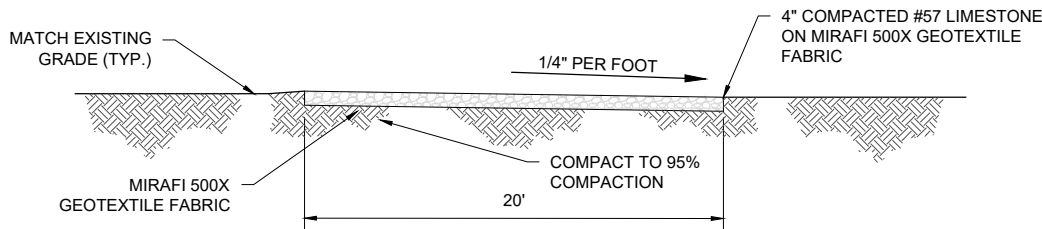
NOTE:
FENCE GROUNDING SHALL BE IN STRICT ACCORDANCE WITH THE JEA STANDARD FENCE GROUNDING DETAILS AS SHOWN ON SHEET E-4

FENCE NOTES:

1. FINISH POSTS SHALL CONFORM TO ASTM-F1083
2. FINISH FABRIC SHALL CONFORM TO ASTM-A392
3. INSTALL FENCING PER ASTM F-567
4. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED.
5. POSTS & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPES TO BE SI HOT DIP, ASTM A120 GRADE "A" STEEL. ALL GATE FRAMES SHALL BE WELDED. ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV. (OR EQUAL).
6. ALL OPEN POSTS SHALL HAVE END-CAPS.
7. USE GALVANIZED HOG-RING WIRE TO MOUNT ALL SIGNS.
8. ALL SIGNS SHALL BE MOUNTED ON INSIDE OF FENCE FABRIC.
9. TIE WIRE SHALL BE MINIMUM 9 GA GALVANIZED STEEL AT POSTS AND RAILS.
10. BARBED WIRE SHALL BE DOUBLE STRAND TWISTED WIRE TO MATCH WITH FABRIC 12 1/2 GA, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
11. FINISH GRADE SHALL BE UNIFORM AND LEVEL.
12. CONCRETE FOUNDATIONS SHALL CONSIST OF 4,500 PSI CONCRETE.
13. TOWER INFORMATION SIGN, MEASURING NO MORE THAN 30" WIDE BY 24" HEIGHT, IDENTIFYING THE FOLLOWING:
 - 13.1. PRIMARY PARTY RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE FACILITY.
 - 13.2. THE ADDRESS AND TELEPHONE NUMBER OF THAT PARTY.
 - 13.3. FAA REGISTRATION NUMBER
 - 13.4. E911 ADDRESS

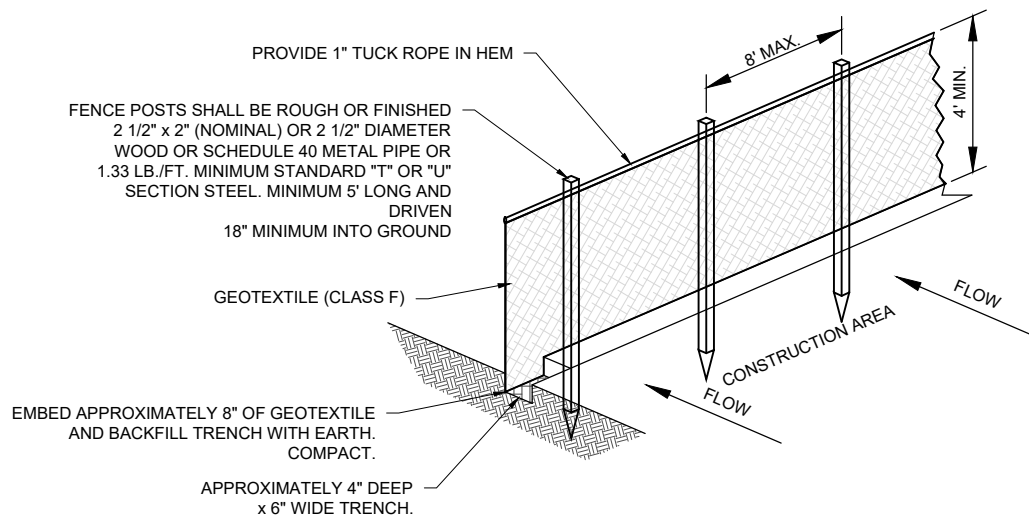
FENCE / COMPOUND DETAIL

NOT TO SCALE



GRAVEL ACCESS DRIVE DETAIL

NOT TO SCALE



SILT FENCE DETAIL

NOT TO SCALE

SILT FENCE NOTES:

- 1) GEOTEXTILE FABRIC TO BE FASTENED SECURELY TO FENCE POST BY WIRE TIES OR HOG RINGS.(3 FASTENERS PER POST.)
- 2) ENDS OF INDIVIDUAL ROLLS OF GEOTEXTILE SHALL BE SECURELY FASTENED TO A COMMON POST OR OVERLAPPED 3' MINIMUM.
- 3) CONFIGURATION SHOWN IS INTENDED TO CONTROL SHEET FLOW ONLY. DO NOT USE IN AREAS OF CONCENTRATED FLOW WITH A DRAINAGE AREA OF 1/2 ACRE OR MORE. INLOCATION OF DRAINAGE DITCH, STABILIZE SILT FENCE WITH SAND BAGS ON BOTH SIDES.
- 4) ALL SILT FENCING SHALL BE INSTALLED PRIOR TO COMMENCING ANY LAND DISTURBING ACTIVITIES, AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETED.

NO.	DATE	REVISIONS AND RECORD OF ISSUE	BY	CHK	APP	FLM
2	10-08-20	FOR PERMIT/ CONSTRUCTION				
1	09-03-20	FOR PERMIT/ CONSTRUCTION				
0	08-16-20	FOR PERMIT/ CONSTRUCTION				



5113 MEMORIAL HWY.
TAMPA, FLORIDA 33634
(770) 853-1233
FL CA # 31014

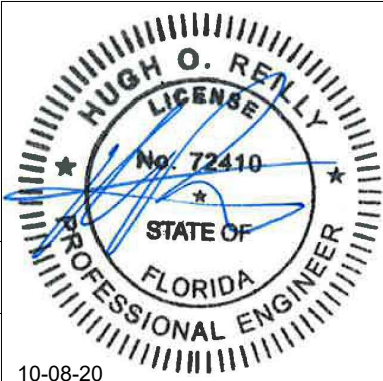
FENCE DETAILS

JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING

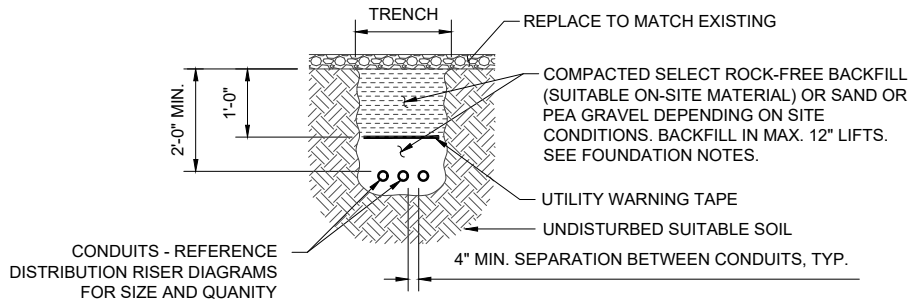
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DATE:
10-08-20



10-08-20



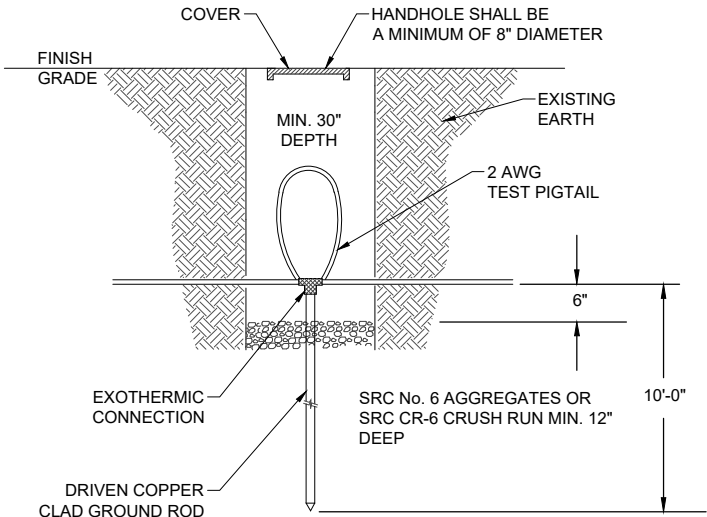


NOTES:

1. SEE DISTRIBUTION RISER DIAGRAM FOR REQUIRED TELCO & POWER QUANTITIES & CONDUIT SIZES.
2. PULL BOXES INSTALLED PER LOCAL UTILITY REQUIREMENTS.
3. SEPARATION DIMENSION BETWEEN CONDUITS TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.

CONDUIT TRENCH DETAIL

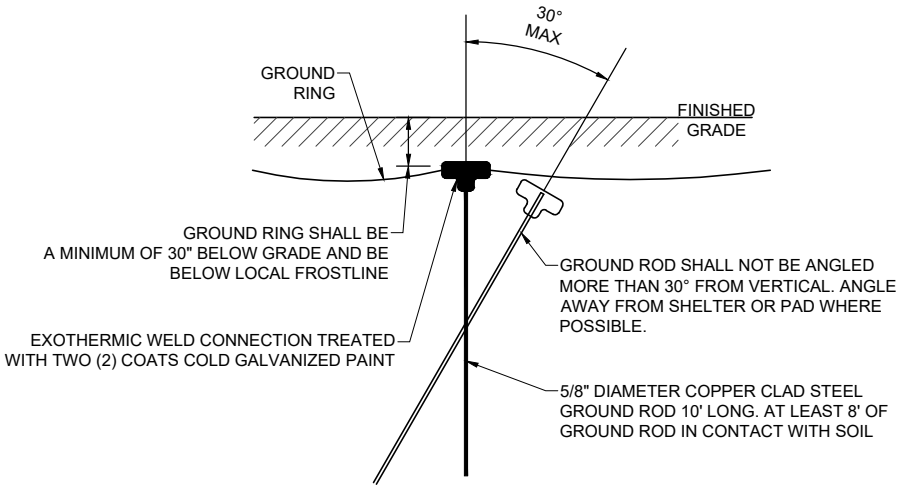
NOT TO SCALE



WELL SIZE OF 8" DIAMETER WITH 6" CLEARANCE BELOW EXOTHERMIC WELD CONNECTION ALLOWS FOR USE OF CLAMP-ON GROUND METERS FOR TESTING GROUND SYSTEM.

GROUND ROD TEST WELL DETAIL

NOT TO SCALE



GROUND ROD DETAIL

NOT TO SCALE

NO.	DATE	REVISIONS AND RECORD OF ISSUE	BY	CHK	APP	FLM
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0	08-16-20	FOR PERMIT/ CONSTRUCTION				



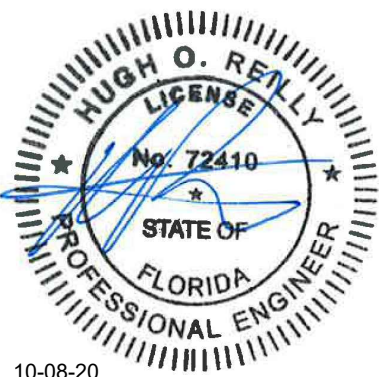
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ELECTRICAL DETAILS

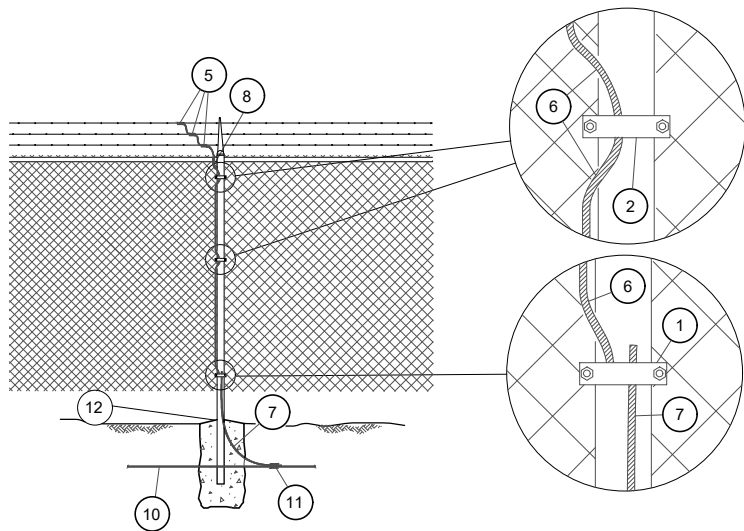
JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING
E-2

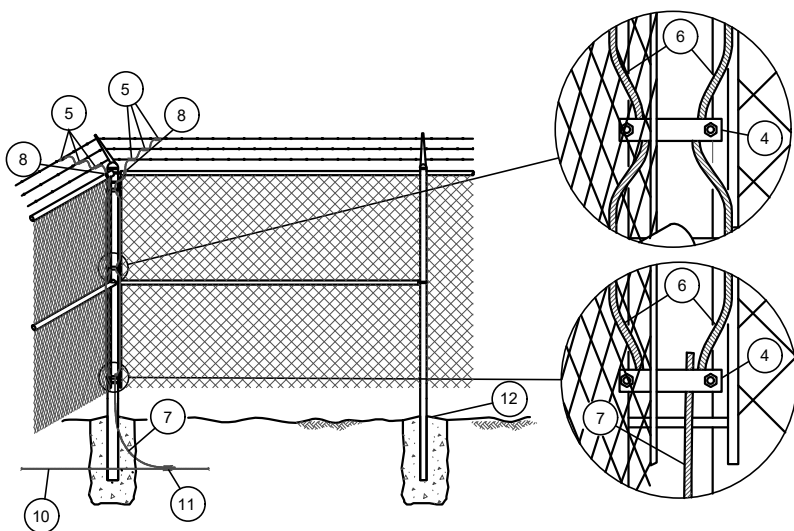
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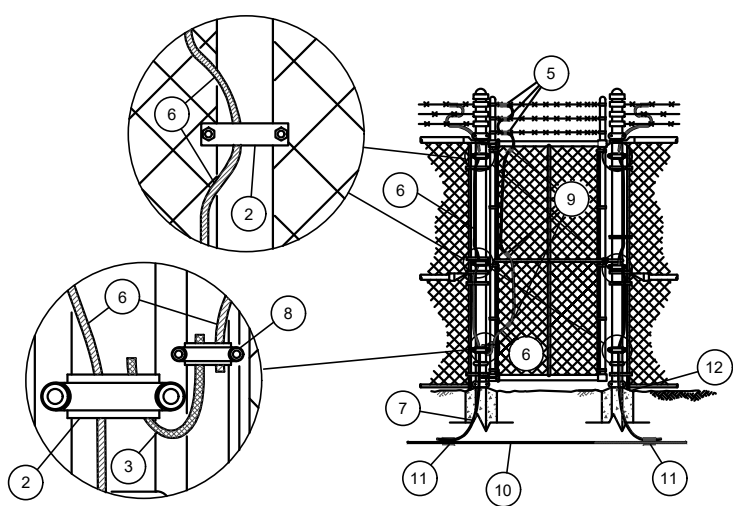
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FENCE GROUNDING DETAIL - INTERMEDIATE POST
NOT TO SCALE



FENCE GROUNDING DETAIL - CORNER POST
NOT TO SCALE

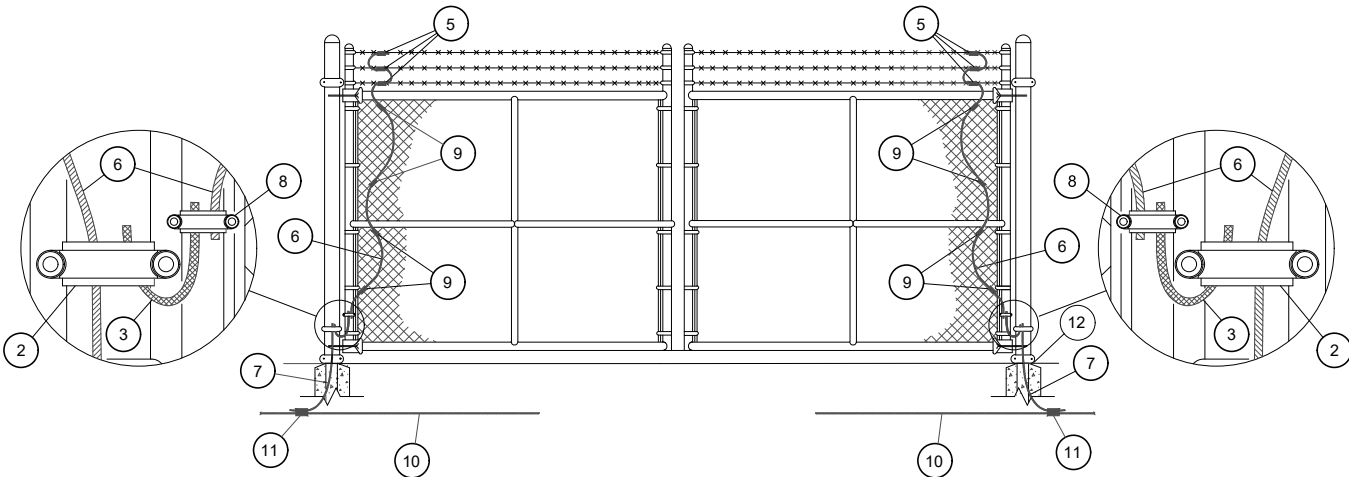


FENCE GROUNDING DETAIL - SINGLE GATE
NOT TO SCALE

ITEM	DESCRIPTION	MODEL NO.
1	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) CABLES TO 2 1/2" PIPE. CONDUCTOR RANGE SHALL BE FOR 2/0 SOLID - 250 KCM CU	SEFCOR GU1-5812 -OR- BURNDY NO. GD1929
2	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) CABLES TO 2 1/2" PIPE. CONDUCTOR RANGE SHALL BE FOR #4 SOLID - 2/0 STRANDED	SEFCOR GU1-5809 -OR- BURNDY NO. GD1926
3	FLEXIBLE COPPER BRAID, FURNISHED BY CONTRACTOR	BURNDY NO. BD12
4	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) CABLES TO 3" PIPE. CONDUCTOR RANGE SHALL BE FOR #4 SOLID - 2/0 STRANDED	SEFCOR GU1-6009 -OR- BURNDY NO. GD2026
5	GROUND CONNECTOR, BRONZE, SERVIT POST TYPE FOR TWO (2) #10-#2 SOLID AWG CONDUCTORS	SEFCOR BN-N-3SP -OR- BURNDY NO. K2C22
6	#2 TINNED SOLID COPPER CONDUCTOR, FURNISHED BY THE CONTRACTOR	
7	7#5 COPPERWELD CONDUCTOR, FURNISHED BY THE CONTRACTOR.	
8	GROUND CONNECTOR, BRONZE BOLTED, FOR ONE CONDUCTOR TO 1 1/4" O.D. PIPE, TOP RAIL, CONDUCTOR RANGE SHALL BE #4 SOL. TO 2/0 STR	
9	SPLIT BOLT CONNECTOR	BURNDY NO. KS22, SERVIT
10	19#8 COPPERWELD CONDUCTOR, STATION GRID 18" BELOW GRADE FURNISHED BY CONTRACTOR (CONTRACTOR TO PURCHASE FROM JEA).	
11	WELDED GROUND CONNECTION, 19#8 CABLE MAIN TO 7#5 CABLE TAP, CADWELD PLUS MOLD TYPE TAC3D2V AND (1) #200 WELD METAL AS REQUIRED (CONTRACTOR TO PURCHASE FROM JEA).	
12	MOUND CONCRETE AT BASE OF FENCE POLE IN ORDER TO PREVENT POOLING OF WATER AT BASE.	

NOTES

- GROUND INSTALLATION SHALL BE PROVIDED AT INTERMEDIATE POSTS, SPACED NO MORE THAN FORTY (40') FEET APART. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ABOVE GRADE GROUND CONNECTORS AND GROUND CONDUCTOR.
- GROUND INSTALLATION SHALL BE PROVIDED AT ALL CORNER POSTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ABOVE GRADE GROUND CONNECTORS AND GROUND CONDUCTOR.
- THE CONTRACTOR SHALL PROVIDE AT LEAST THREE (3) BOND POINTS TO THE FENCE POST.
- THE CONTRACTOR SHALL FURNISH AND INSTALL A CONTINUOUS #2 SOLID COPPER CONDUCTOR THROUGH THE BOND POINTS. THE CONDUCTOR SHALL BE WOVEN INTO THE FENCE FABRIC AND POSITIVELY BONDED TO EACH STRAND OF BARBED WIRE.
- THE CONTRACTOR SHALL REMOVE ANY THREAD PROJECTION IN EXCESS OF ,1/4" BEYOND THE NUT.
- CONTRACTOR TO FURNISH AND INSTALL THE ABOVE GROUNDING MATERIALS FOR THE SUBSTATION ENTRANCE GATE.



FENCE GROUNDING DETAIL - DOUBLE GATE
NOT TO SCALE

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0	08-16-20	FOR PERMIT/ CONSTRUCTION				



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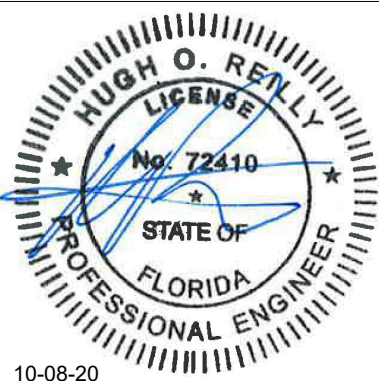
FENCE GROUNDING DETAILS

JEA YULEE
483260 STATE ROAD 200
YULEE, FL 32097

DRAWING

E-3

DATE:
10-08-20



10-08-20

GENERAL NOTES

1. THE DESIGN REPRESENTED IN THESE DRAWINGS ARE BASED ON THE STRUCTURAL DOCUMENTS PROVIDED IN THE STRUCTURAL DOCUMENTS TABLE. THE CONTRACTOR SHALL OBTAIN AND BECOME FAMILIAR WITH ALL REFERENCED DOCUMENTS.

REFERENCE DOCUMENTS			
DOCUMENT TYPE	DESIGNATION		
DESIGN LAYOUT	BRACKET WORKS	JOB: JEA YULEE OUTFLOW	
GEOTECH REPORT	TIFRRA, INC.	PROJECT: 6511-12-051	

2. APPLICABLE CODES.
- | | |
|----------------------|---------------------------------|
| GOVERNING CODES | 2015 IBC, 2017 FBC, & ASCE 7-10 |
| WIND SPEED | 130 MPH NOMINAL 3 SECOND GUST |
| LIVE LOAD | 60 PSF |
| STRUCTURE CLASS | II |
| EXPOSURE CATEGORY | C |
| TOPOGRAPHIC CATEGORY | 1 |
3. ALL WORK PRESENTED ON THESE DRAWINGS SHALL BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE OR APPROVED BY THE EOR. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE PERFORMING WORK SIMILAR TO THAT DESCRIBED WITHIN THESE DRAWINGS. BY ACCEPTANCE OF THIS PROJECT, THE CONTRACTOR IS ATTESTING THAT HE HAS SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND REGISTERED TO PERFORM THE WORK IN THE PROJECT JURISDICTION.
4. WORK SHALL ONLY BE PERFORMED DURING CALM, DRY DAYS (WINDS LESS THAN 10-MPH). IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE INSTALLATION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE-DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
5. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND EOR. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE EOR SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES AND PROCEDURES.
6. THE CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY, LEASE AREA OR APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS PERFORMED WITHIN THESE BOUNDARIES. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE OWNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAIN AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL WORK PERFORMED COMPLIES WITH ALL APPLICATION SAFETY CODES AND GOVERNING REGULATIONS.
8. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULES AND MATERIAL DELIVERIES, WITH THE OWNER/RESIDENT LEASING AGENT FOR APPROVAL.
9. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNING AGENCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
10. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDED BUT NOT LIMITED TO ALTERED SIZED AND/OR STRENGTHS, MUST BE APPROVED BY THE EOR.
11. ALL DIMENSIONS AND QUANTITIES LISTED WITHIN THESE DRAWINGS ARE INTENDED TO AID THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL DIMENSION AND QUANTITIES PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
12. ALL MANUFACTURERS' INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. ANY DEVIATION REQUIRES WRITTEN APPROVAL FROM THE EOR.
13. DO NOT SCALE DRAWINGS.

CONCRETE & FOUNDATION NOTES

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318 AND THE SPECIFICATION 330 FOR CAST-IN-PLACE CONCRETE.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNO.
4. 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNO, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.A.
5. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL, OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT EOR APPROVAL WHEN DRILLING HOLES IN CONCRETE.
6. SOIL PROPERTIES SHALL MEET OR EXCEED THOSE IN THE GEOTECH REPORT COMPLETED BY TIERRA, INC. ANY DEVIATIONS DISCOVERED DURING WORK SHALL BE BROUGHT TO THE ATTENTION OF THE EOR.

STRUCTURAL STEEL NOTES

1. ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS, LATEST EDITION.
2. ALL STRUCTURAL STEEL SHALL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.

MATERIAL SPECIFICATIONS	
ANGLES	ASTM A36 (36 KSI YIELD STRENGTH)
BOLTS	ASTM A325N
NUTS	ASTM A563
WASHER	ASTM F436
PLATE	ASTM A572-50 (50 KSI YIELD STRENGTH)
CHANNELS	ASTM A36 (36 KSI YIELD STRENGTH)
W SHAPE	A992 (50 KSI YIELD STRENGTH)
ANCHOR RODS	ASTM A36 (36 KSI YIELD STRENGTH)
PIPE	A53 GR.B (35 KSI YIELD STRENGTH)

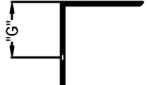
3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
4. CAULKING SHALL BE PROVIDED AROUND PERIMETER OF ANY AND ALL MODIFICATION MEMBERS TO ENSURE COMPLETE SEAL BETWEEN EXISTING STRUCTURE AND REINFORCING MEMBERS IN FULL CONTACT WITH EXISTING STEEL. SEALANT IS TO BE EXTERIOR GRADE, PAINTABLE SILICONE CAULKING AS MANUFACTURED BY DOW AND ACCEPTABLE TO EOR.
5. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE EOR.
6. ALL EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOT-DIPPED GALVANIZING IS NOT PERMITTED DACROMET F1136 GRADE 3 COATING SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN EOR APPROVAL FOR STEEL PROTECTION BY ANY OTHER MEANS.
7. REPAIR DAMAGED PAINTED/GALVANIZED SURFACES WITH TWO COATS OF BRUSH OR ROLL ON ZRC COLD GALVANIZING COMPOUND OR EOR APPROVED COATING. SURFACES MUST BE WIRE BRUSHED AND SOLVENT CLEANED PRIOR TO APPLICATION OF GALVANIZING COMPOUND.
8. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.

WELD NOTES

1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE-STEEL" (LATEST EDITION).
2. ALL WELDING SHOULD BE PERFORMED BY AN AWS QUALIFIED WELDER WHO HAS EXPERIENCE WITH GALVANIZED SURFACES AND IN ACCORDANCE WITH ANSI/AWS D1.1 AND ANSI Z 49.1 OR LATEST EDITIONS.
3. FOR ALL WELDING, USE E70XX ELECTRODES FOR SMAW PROCESS AND E7XT-XX ELECTRODES FOR FCAW PROCESS, UNO.
4. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
5. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING ON A GALVANIZED SURFACE. ADDITIONAL SPLATTER AND SPARKS SHALL BE ANTICIPATED GIVEN THE PREVIOUSLY GALV. SURFACE. IF THE WELD MATERIAL IS CONTAMINATED WITH ZINC IT DOES NOT PROVIDE A STRUCTURAL WELD. FUMES CREATED FROM WELDING ON A PREVIOUSLY GALV. SURFACE CAN BE HAZARDOUS. PRIOR TO WELDING, ALL SURFACES SHALL BE PROPERLY GROUND TO REMOVE GALVANIZING, SCALE, SLAG, RUST OR ANY OTHER MATERIAL TO PREVENT PROPER WELDING.
6. ALL FIELD WELDS SHALL BE TOUCHED UP WITH TWO COATS OF BRUSH OR ROLL ON ZRC COLD GALVANIZING COMPOUND OR EOR APPROVED COATING. SURFACES MUST BE WIRE BRUSHED AND SOLVENT CLEANED PRIOR TO APPLICATION OF GALVANIZING COMPOUND.
7. THE CONTRACTOR SHALL TAKE COOLING EFFECTS OF THE WELDED MATERIAL INTO CONSIDERATION (I.E. EXPANSION OF HOT MATERIAL AND CONTRACTION OF COOLED MATERIAL).

WORKABLE GAGES

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G	1-3/4	----	----

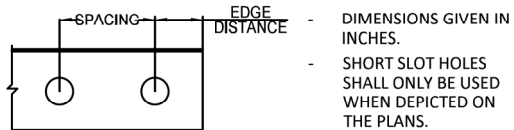


- DIMENSIONS GIVEN IN INCHES.

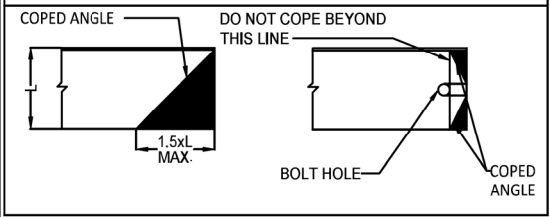
- MATCH EXISTING WHEN APPLICABLE.

BOLT SCHEDULE

BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16x11/16	7/8	1-1/2
5/8	11/16	11/16x7/8	1-1/8	1-7/8
3/4	13/16	13/16x1	1-1/4	2-1/4
7/8	15/16	15/16x1-1/8	1-1/2	2-5/8
1	1-1/16	1-1/16x1-5/16	1-3/4	3



ALLOWABLE ANGLE COPE



1. ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENT.

PLANS PREPARED FOR:



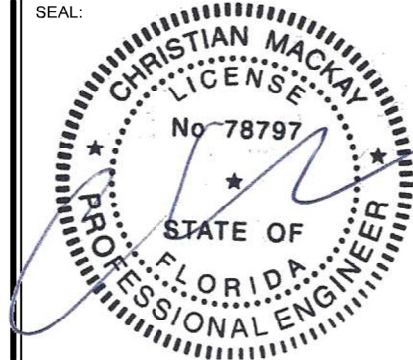
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

JEA YULEE
GENERATOR
PLATFORM

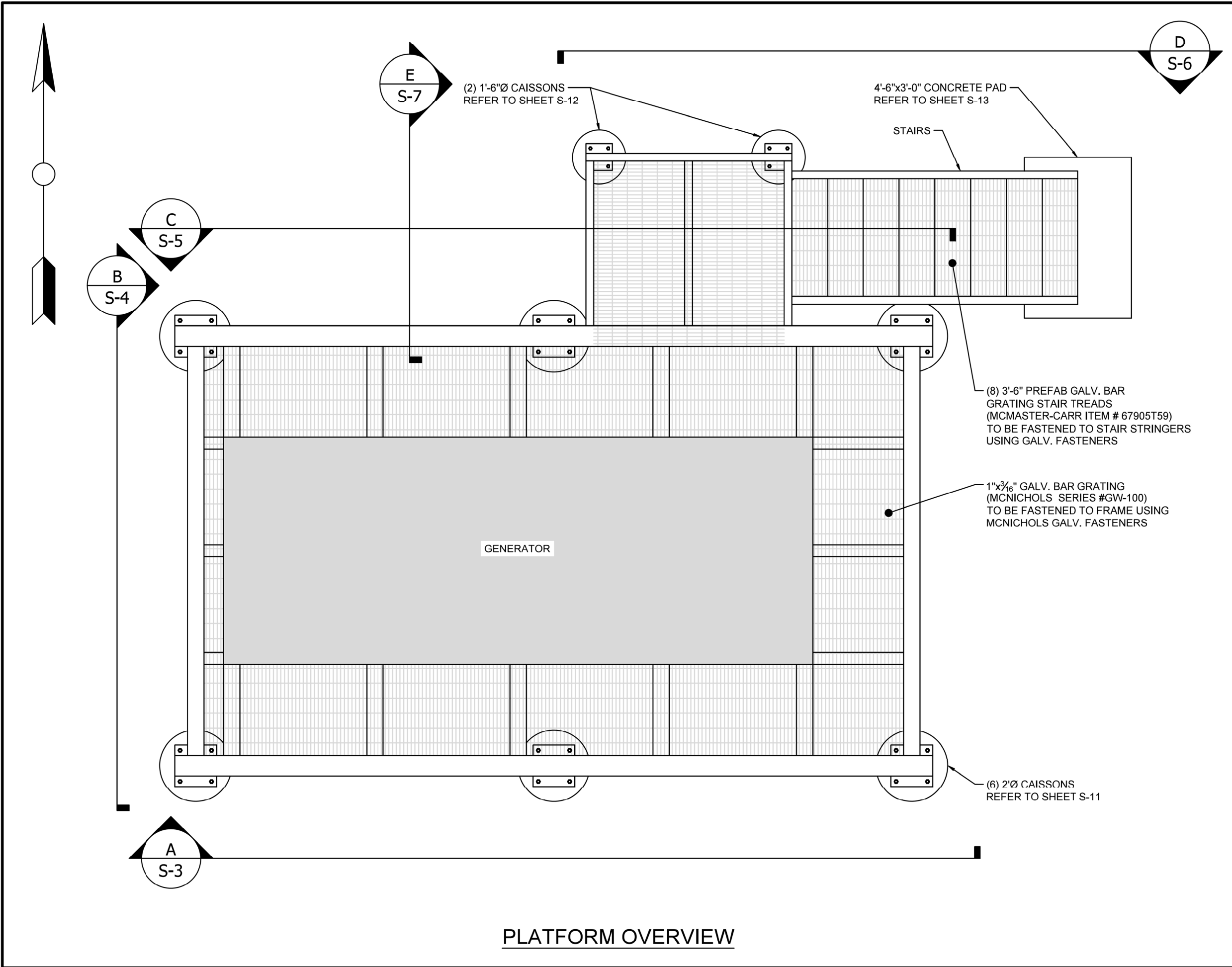
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SHEET TITLE:

NOTES

SHEET NUMBER:	REVISION:
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	CBVR FILE #:
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PLANS PREPARED FOR:

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21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:

CBVR
TELECOM DESIGN GROUP
CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:

CHRISTIAN MACKAY
LICENSE
No. 78797
STATE OF FLORIDA
PROFESSIONAL ENGINEER
08/18/2020

PROJECT NAME:

JEA YULEE
GENERATOR
PLATFORM

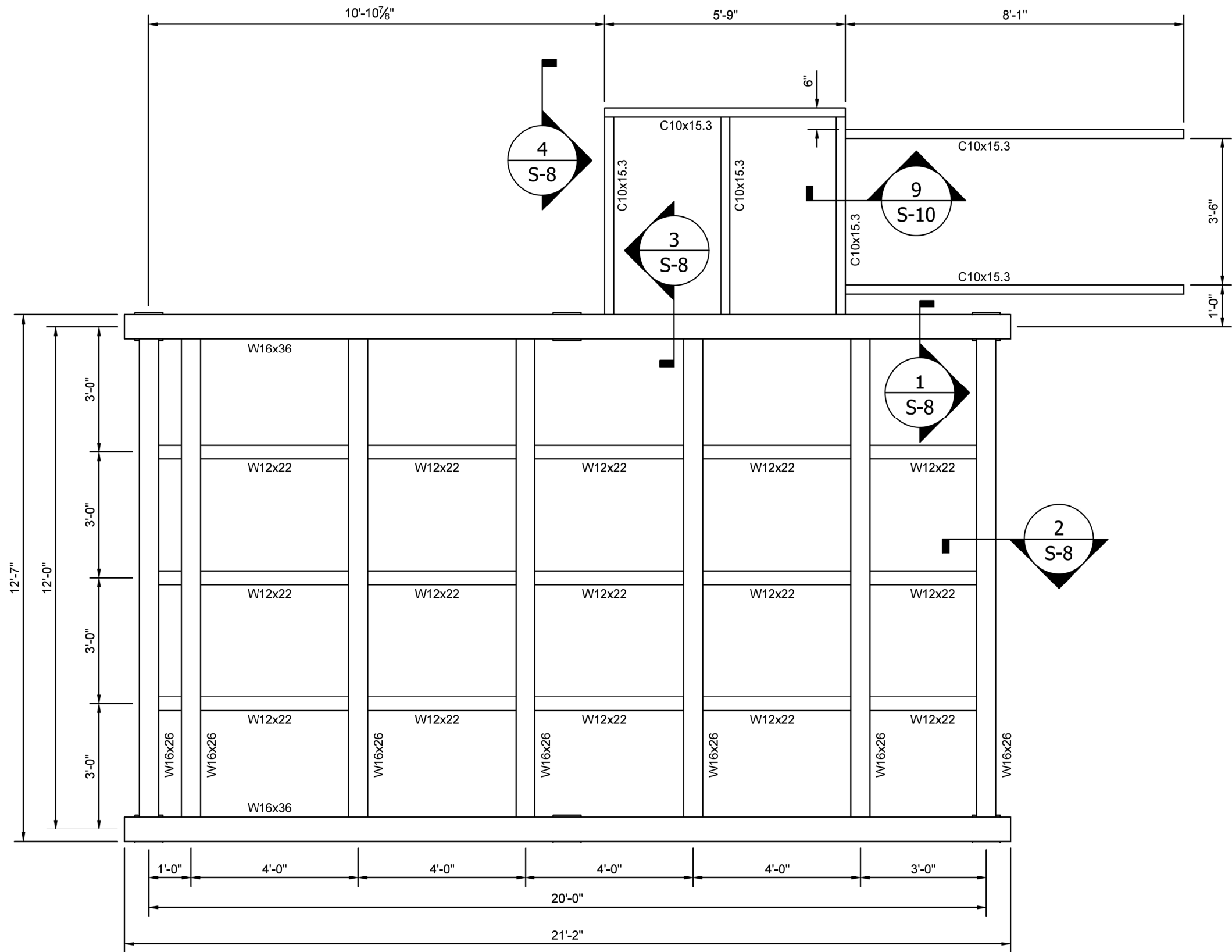
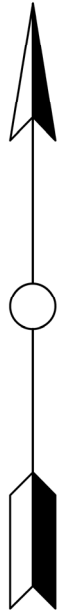
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REV	DATE	ISSUED FOR:

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SHEET TITLE:

PLATFORM
OVERVIEW

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	CBVR FILE #:
	20-00945



PLATFORM BEAM LAYOUT

PLANS PREPARED FOR:



JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

JEA YULEE
GENERATOR
PLATFORM

0	08/13/20	RELEASE
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PLATFORM
BEAM LAYOUT

SHEET NUMBER:

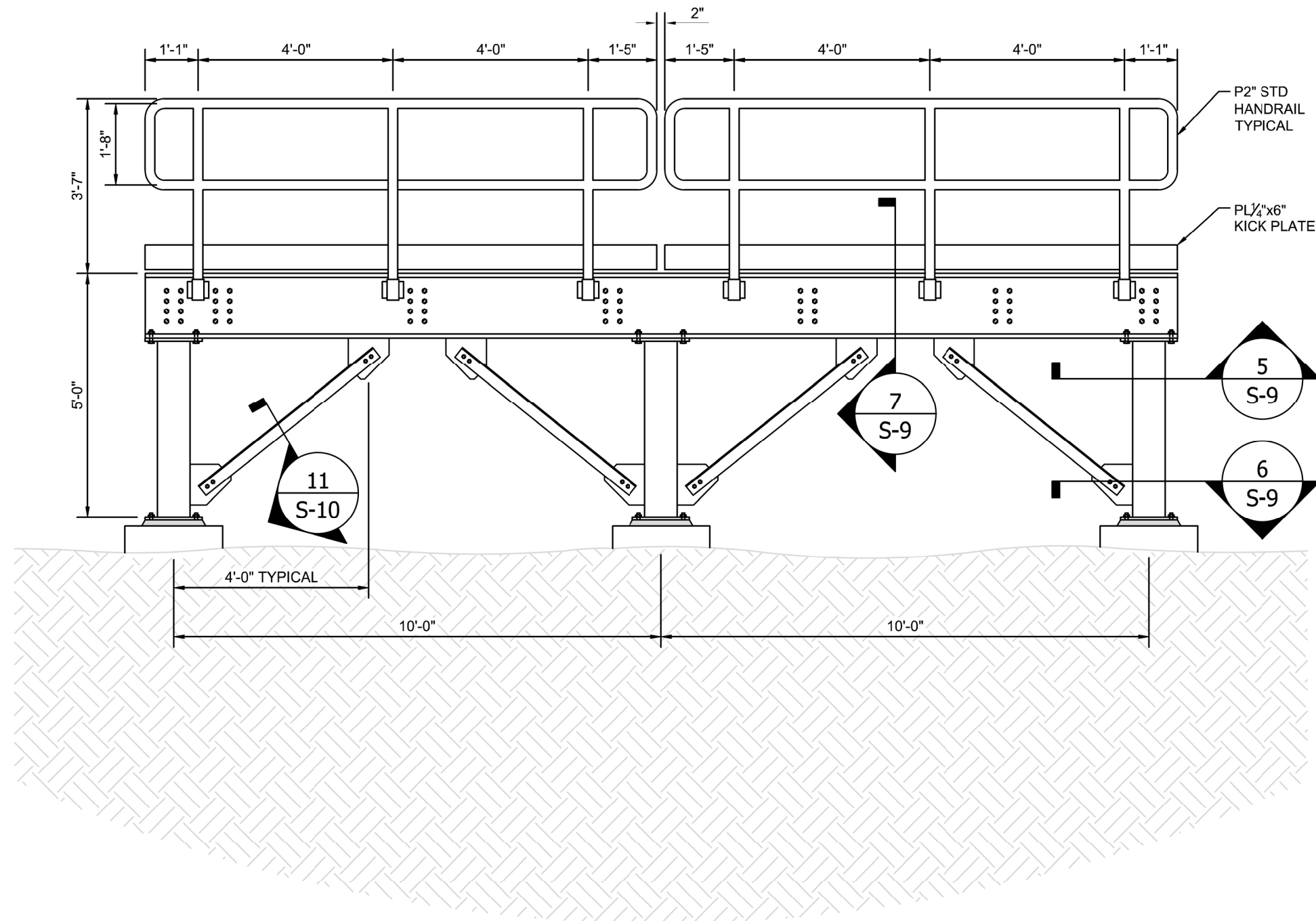
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REVISION:

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CBVR FILE #:

20-00945



PLATFORM ELEVATION (SIDE A)

PLANS PREPARED FOR:



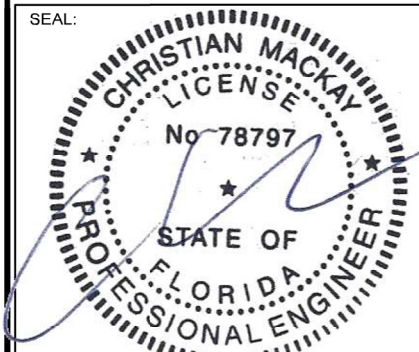
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



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Tampa, FL 33614

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PROJECT NAME:

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GENERATOR
PLATFORM**

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REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

**PLATFORM
ELEVATION**

SHEET NUMBER:

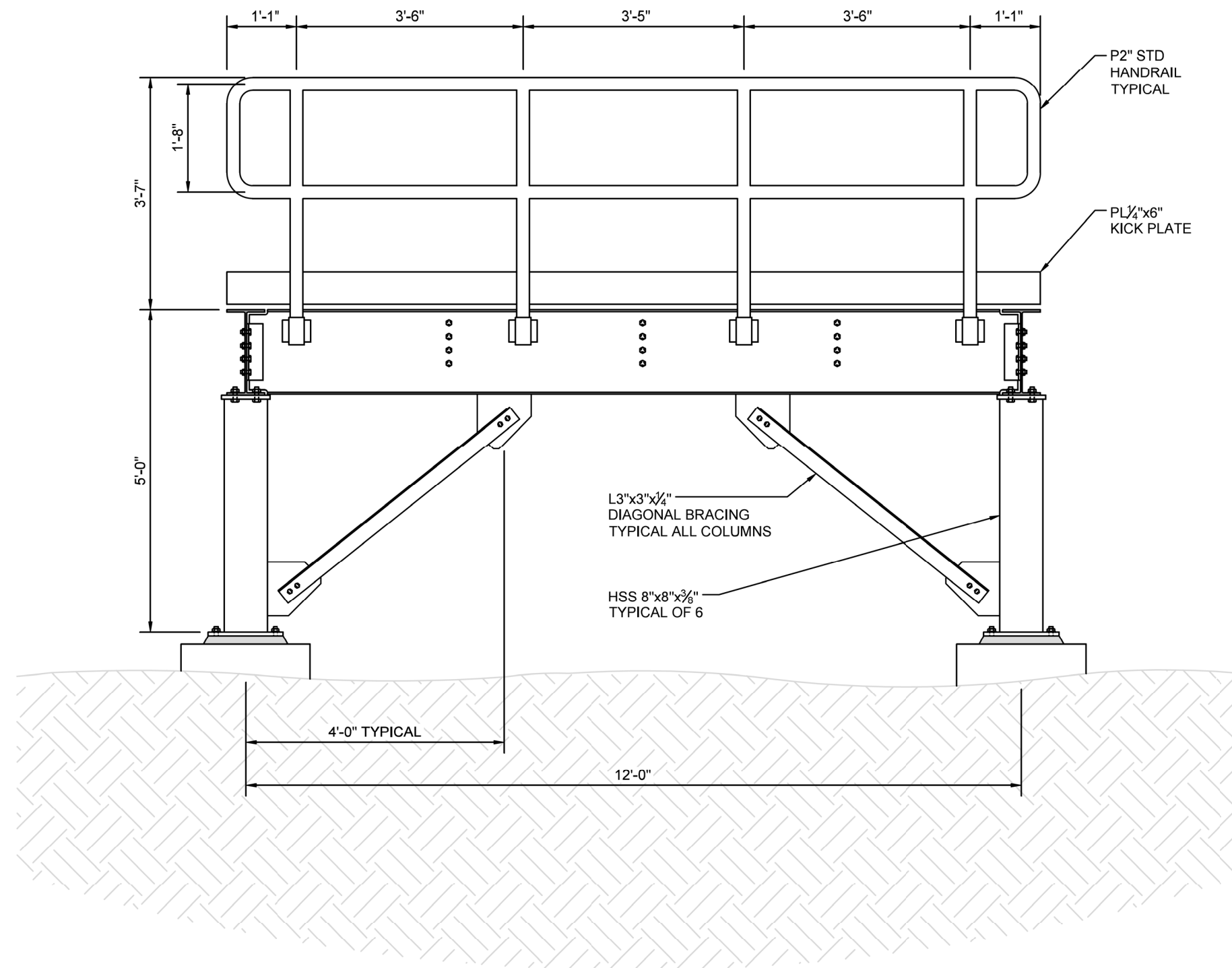
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REVISION:

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20-00945



PLATFORM ELEVATION (SIDE B)

PLANS PREPARED FOR:



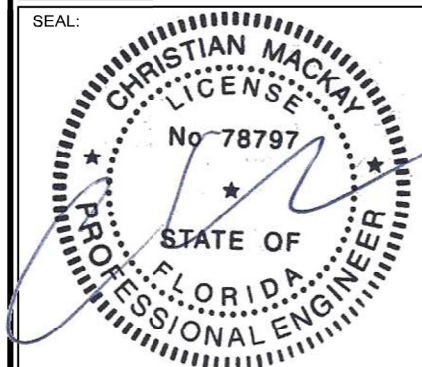
JEA
21 W. Church St
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PLANS PREPARED BY:



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6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

**JEA YULEE
GENERATOR
PLATFORM**

0	08/13/20	RELEASE
REV	DATE	ISSUED FOR:
DRAWN BY: CJT		CHECKED BY: CM

SHEET TITLE:

**PLATFORM
ELEVATION**

SHEET NUMBER:

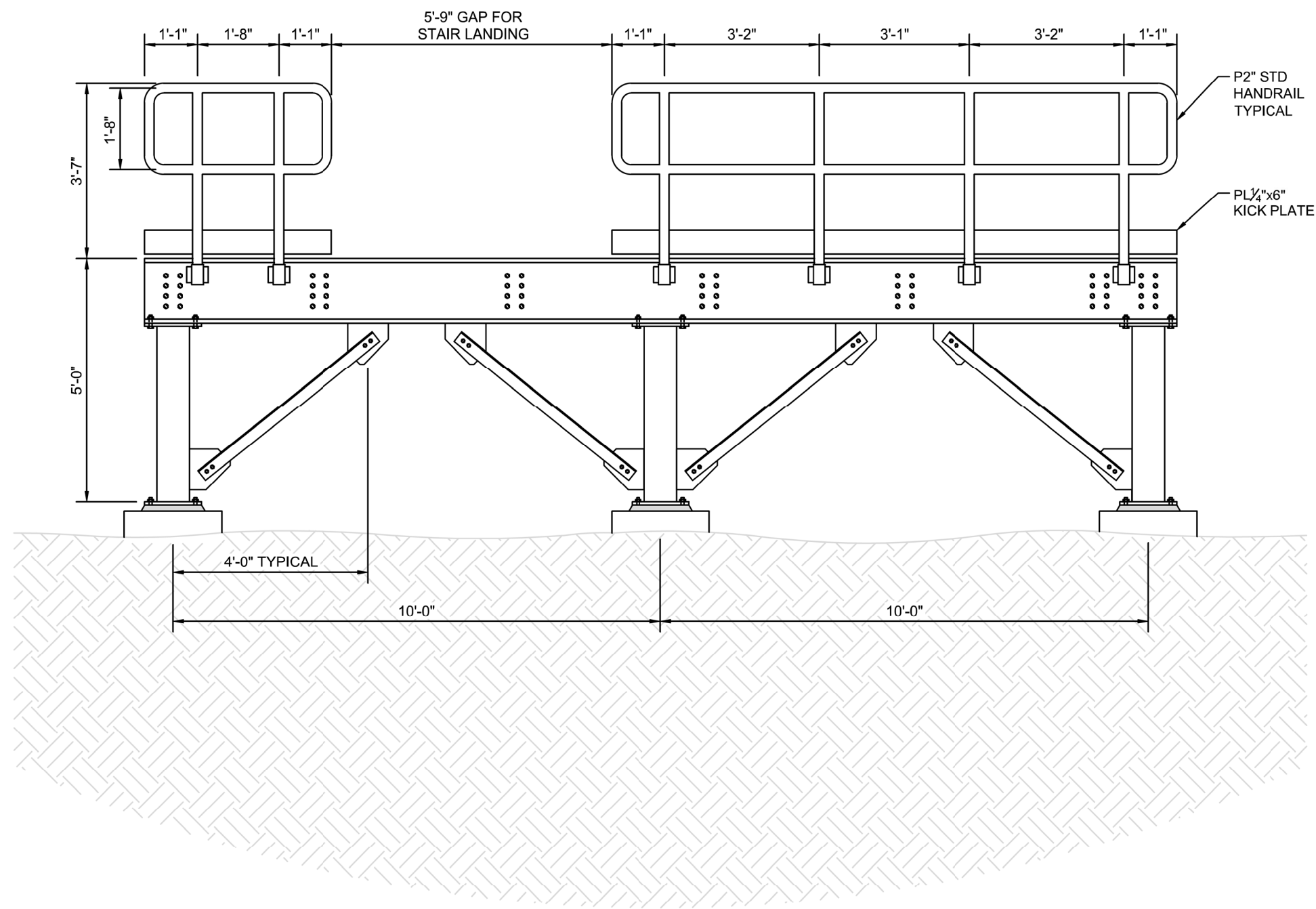
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REVISION:

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CBVR FILE #:

20-00945



PLATFORM ELEVATION (SIDE C)

PLANS PREPARED FOR:

JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:

CBVR
TELECOM DESIGN GROUP
CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:

08/18/2020

PROJECT NAME:

JEA YULEE
GENERATOR
PLATFORM

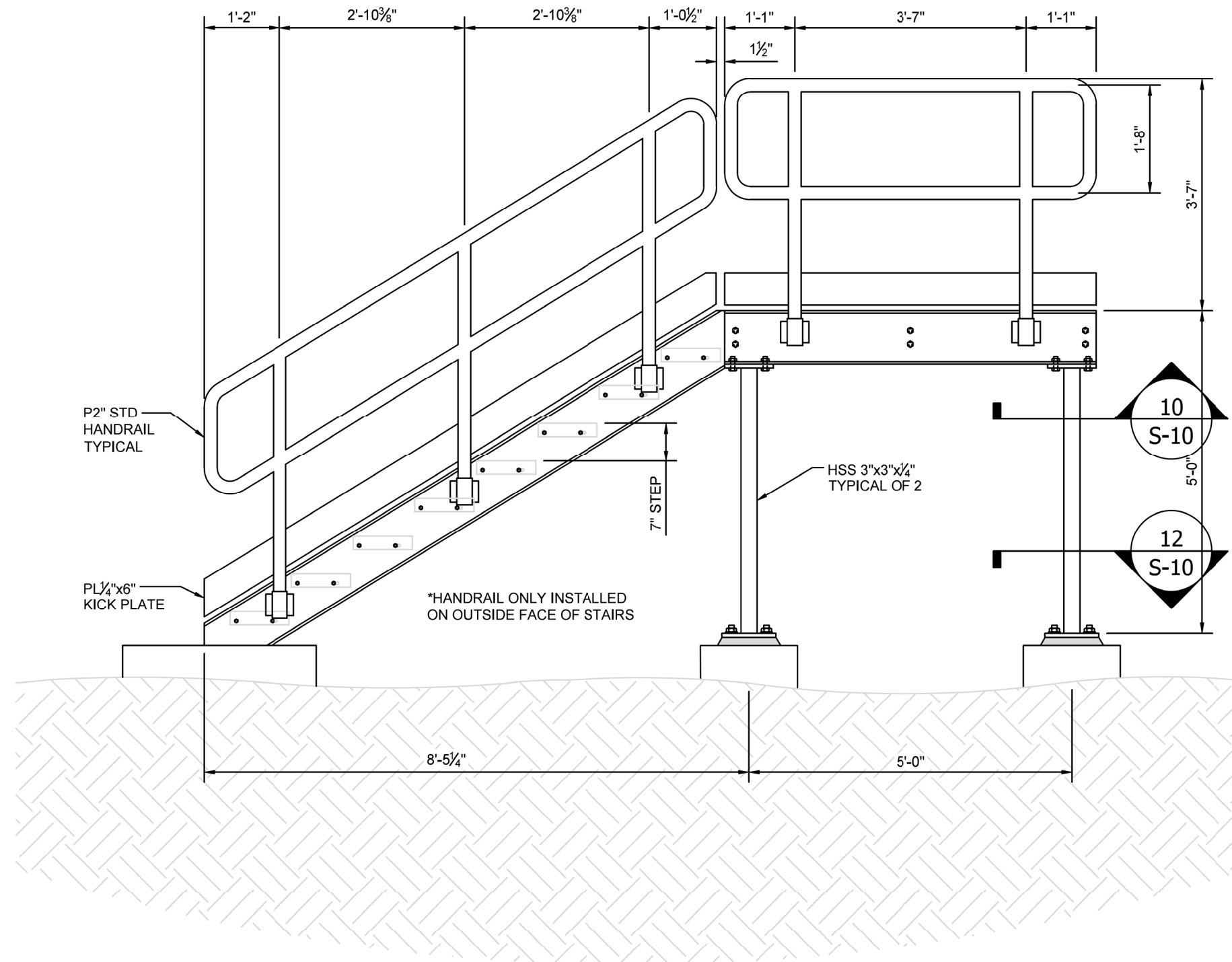
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REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

PLATFORM
ELEVATION

SHEET NUMBER:	REVISION:
S-5	0
	CBVR FILE #: 20-00945



STAIR ELEVATION (SIDE D)

PLANS PREPARED FOR:



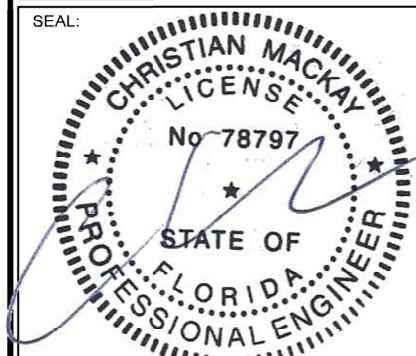
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

**JEA YULEE
GENERATOR
PLATFORM**

0	08/13/20	RELEASE
REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

**STAIR
ELEVATION**

SHEET NUMBER:

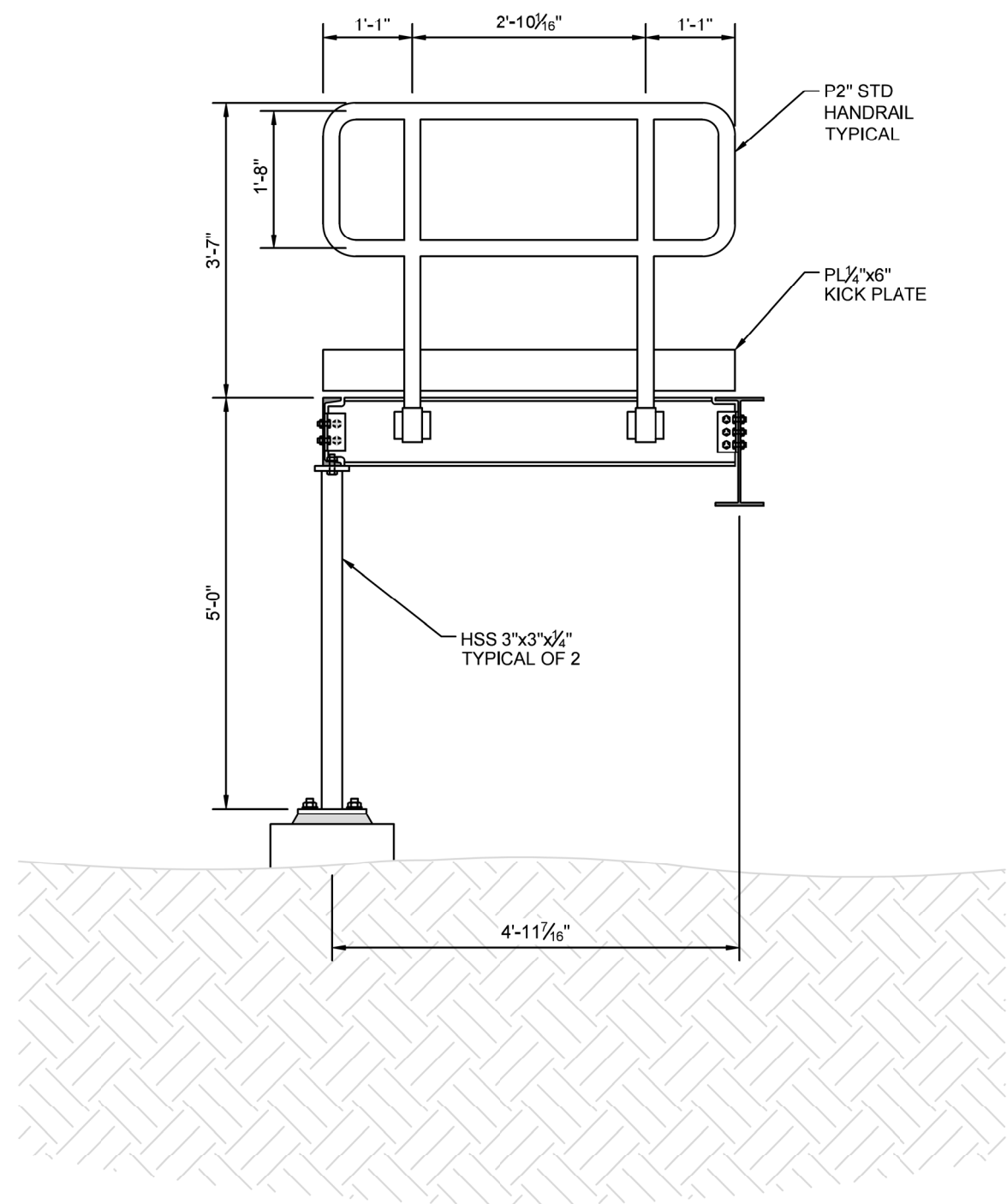
S-6

REVISION:

0

CBVR FILE #:

20-00945



STAIR ELEVATION (SIDE E)

PLANS PREPARED FOR:



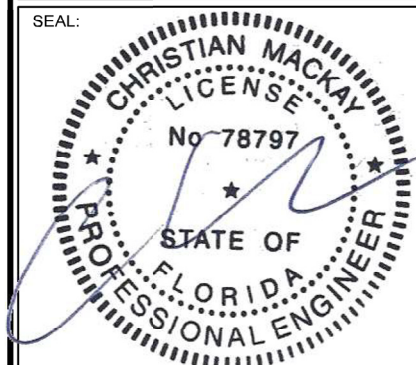
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

JEA YULEE
GENERATOR
PLATFORM

0	08/13/20	RELEASE
REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

STAIR
ELEVATION

SHEET NUMBER:

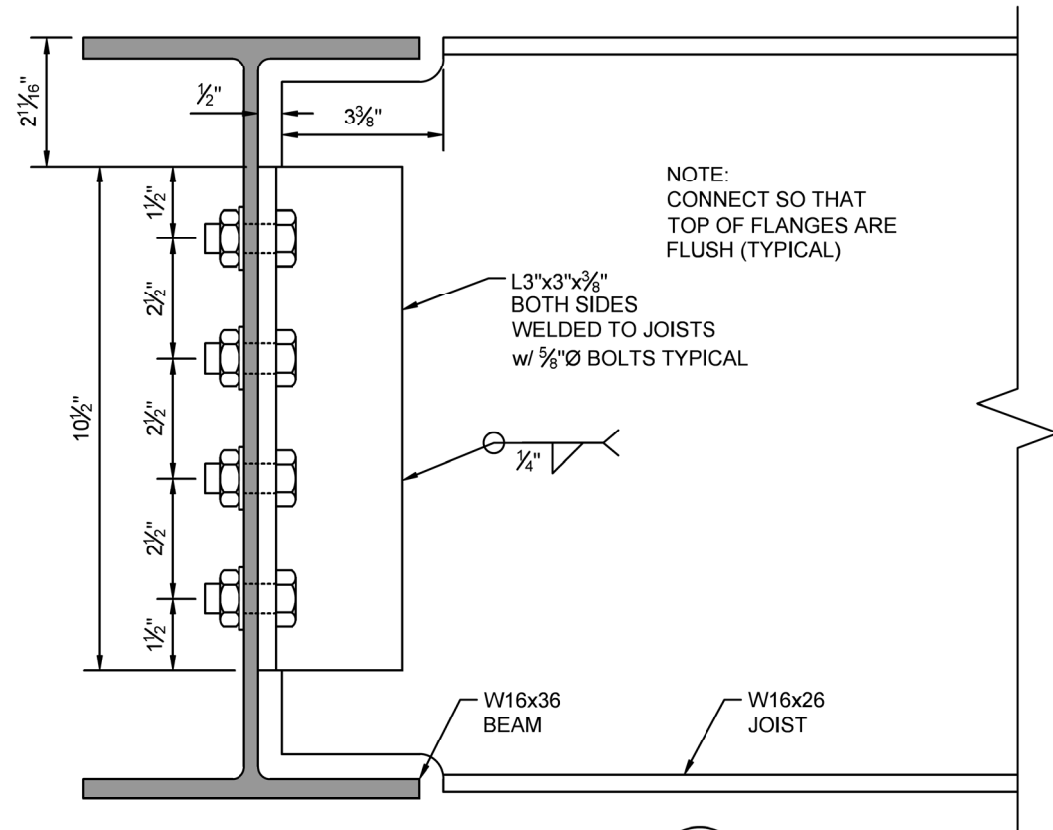
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REVISION:

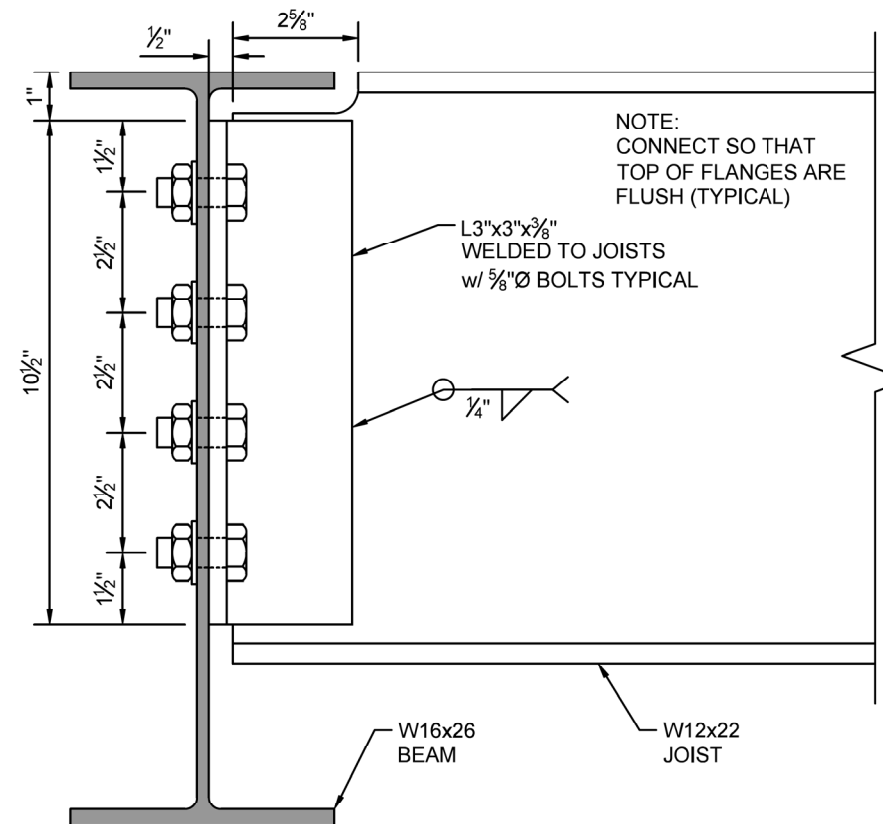
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CBVR FILE #:

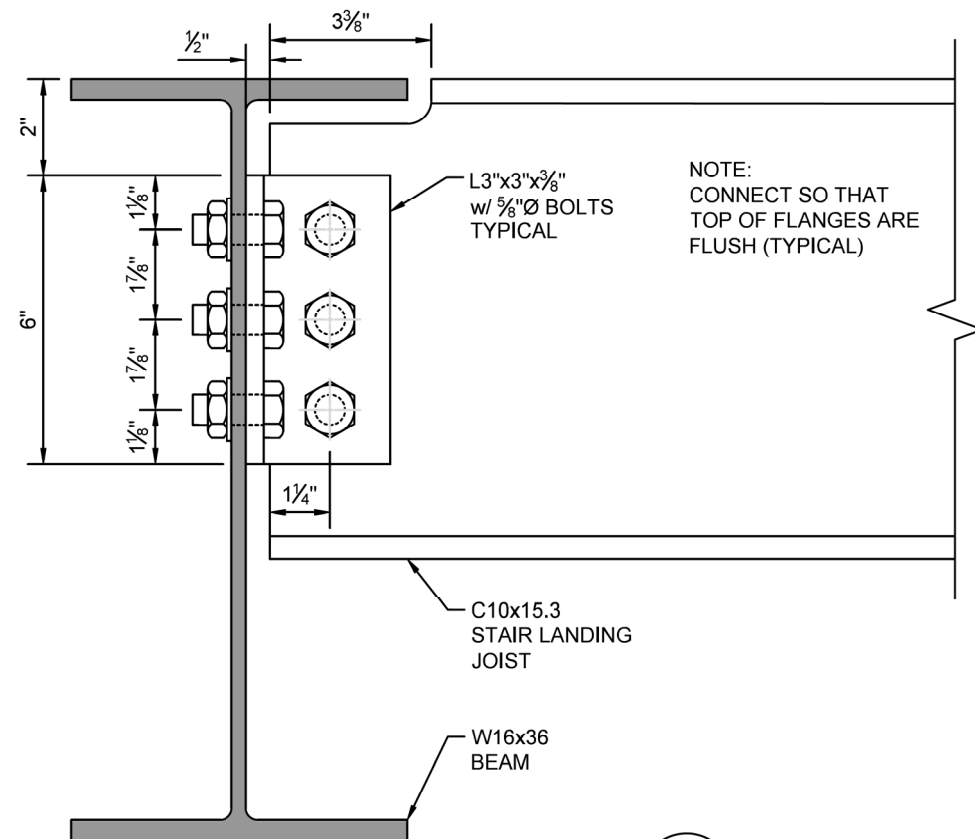
20-00945



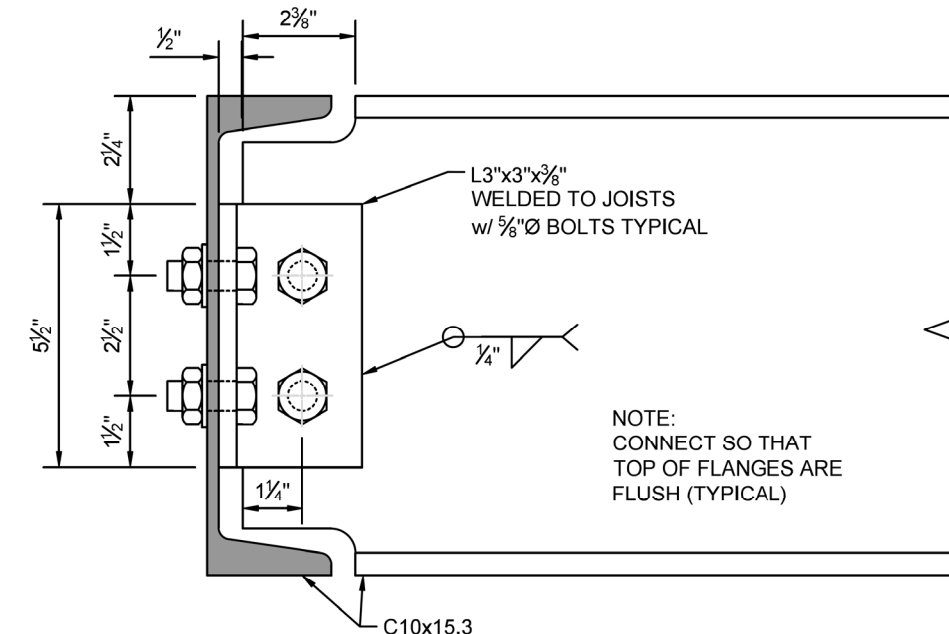
DETAIL 1



DETAIL 2



DETAIL 3



DETAIL 4

PLANS PREPARED FOR:

JEA

JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:

CBVR

TELECOM DESIGN GROUP
CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:

CHRISTIAN MACKAY
LICENSE
No. 78797
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

08/18/2020

PROJECT NAME:

**JEA YULEE
GENERATOR
PLATFORM**

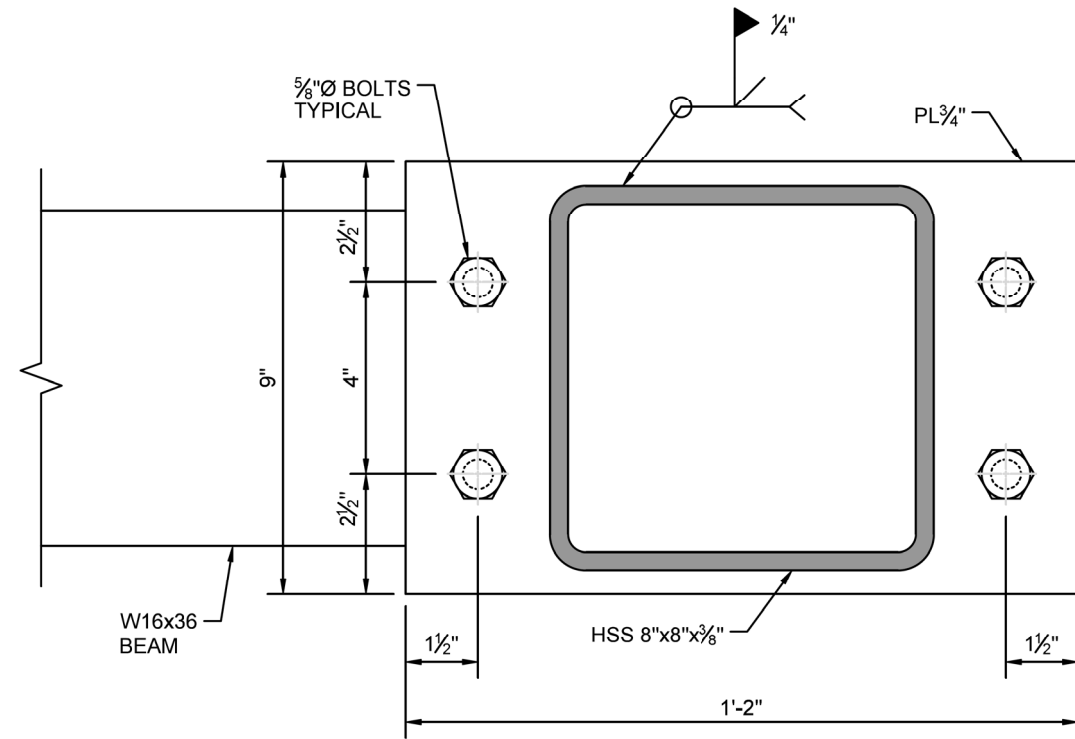
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REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

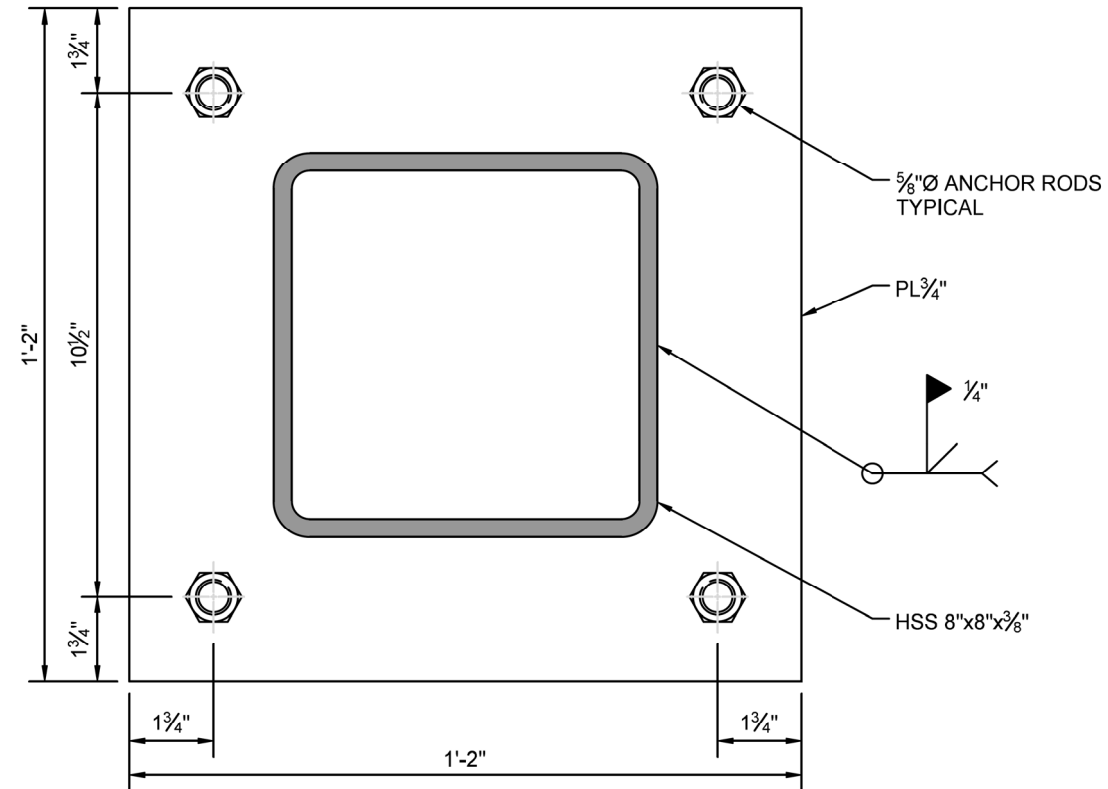
SHEET TITLE:

STEEL DETAILS

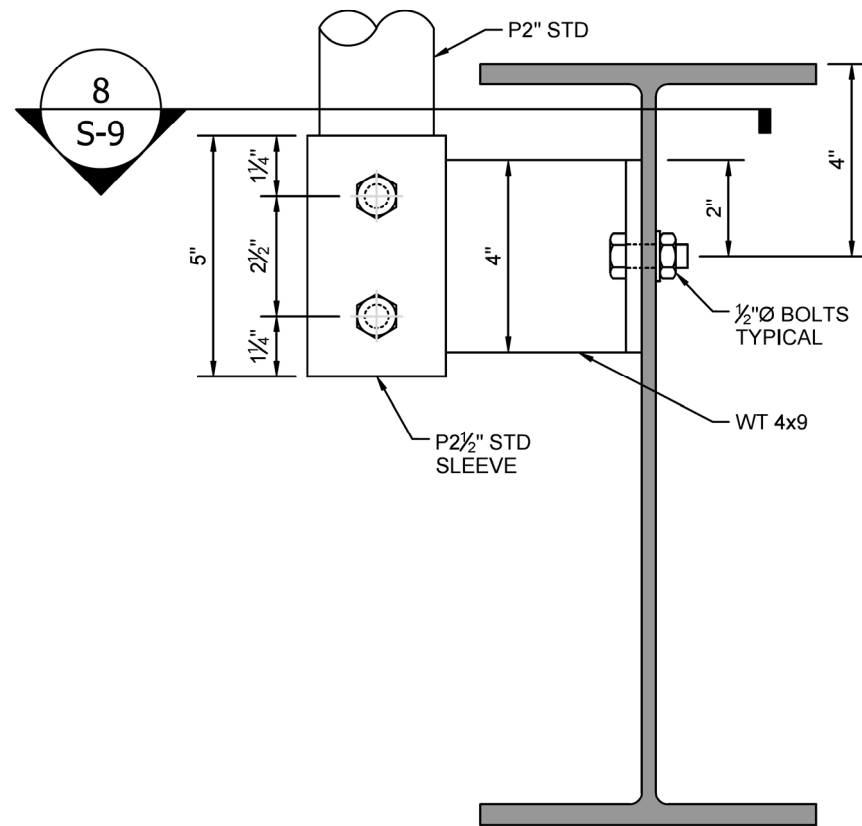
SHEET NUMBER:	REVISION:
S-8	0
	CBVR FILE #:
	20-00945



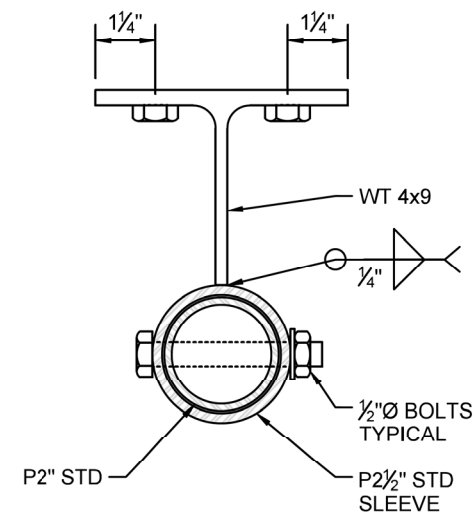
DETAIL 5



DETAIL 6




DETAIL 7



DETAIL 8

PLANS PREPARED FOR:




JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR
TELECOM DESIGN GROUP
CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

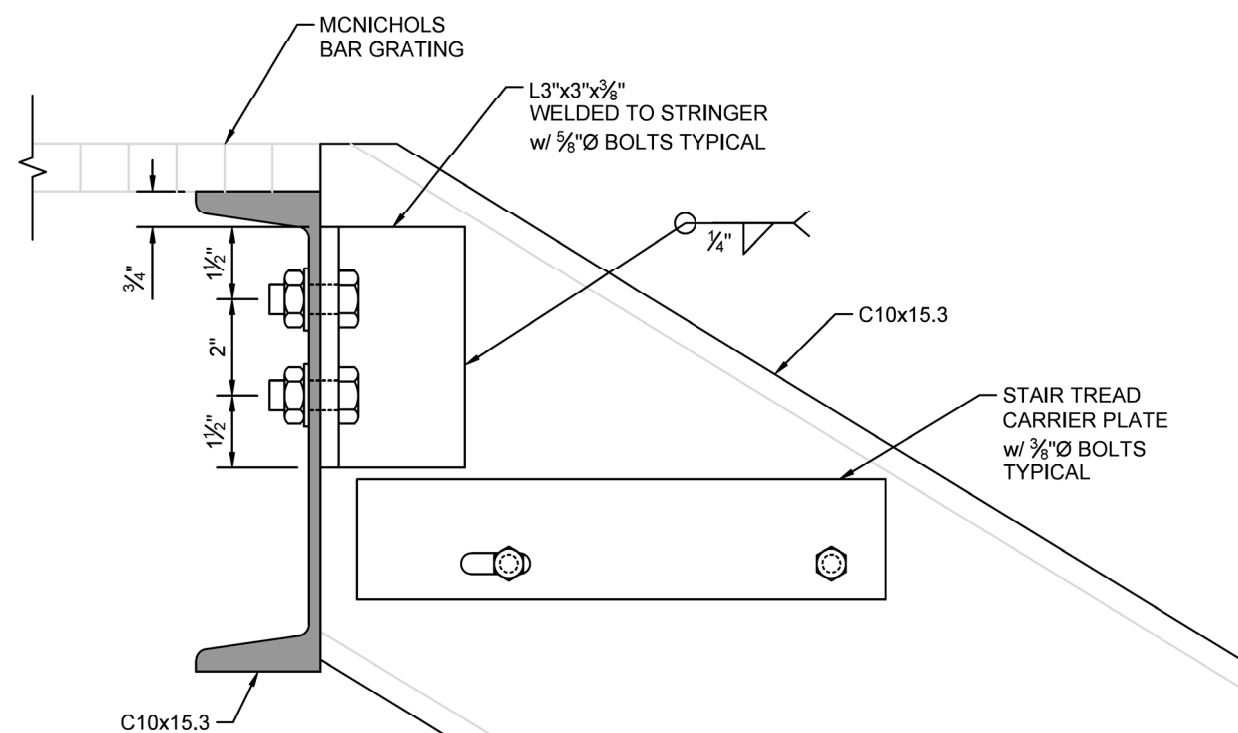
**JEA YULEE
GENERATOR
PLATFORM**

0	08/13/20	RELEASE
REV	DATE	ISSUED FOR:
DRAWN BY: CJT		CHECKED BY: CM

SHEET TITLE:

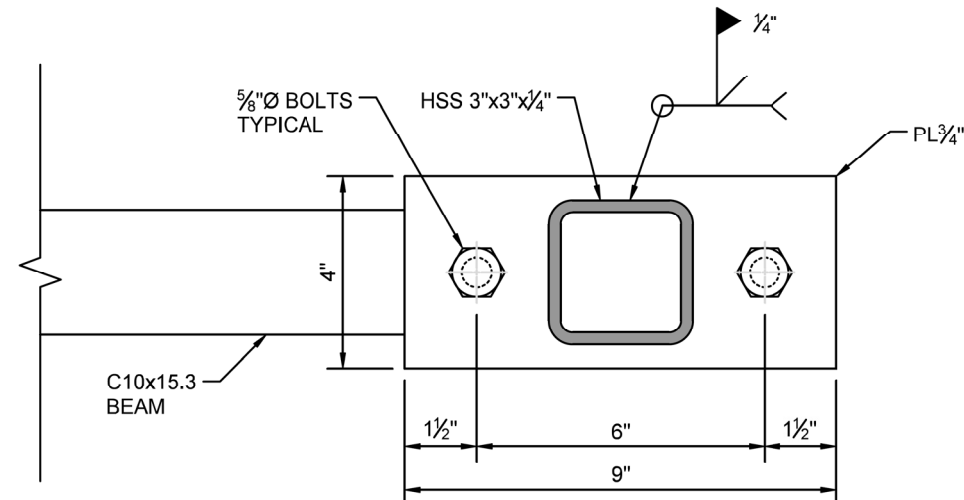
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SHEET NUMBER:	REVISION:
S-9	0
	CBVR FILE #:
	20-00945



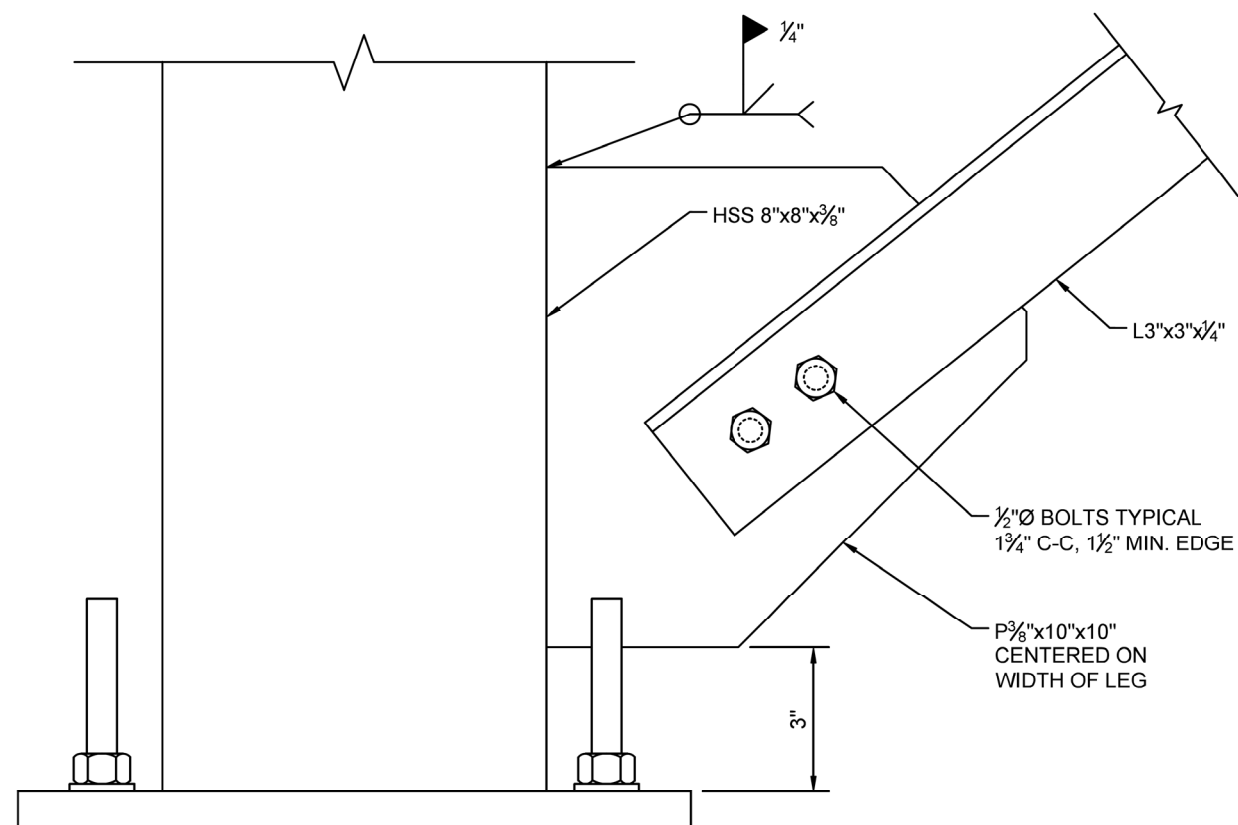
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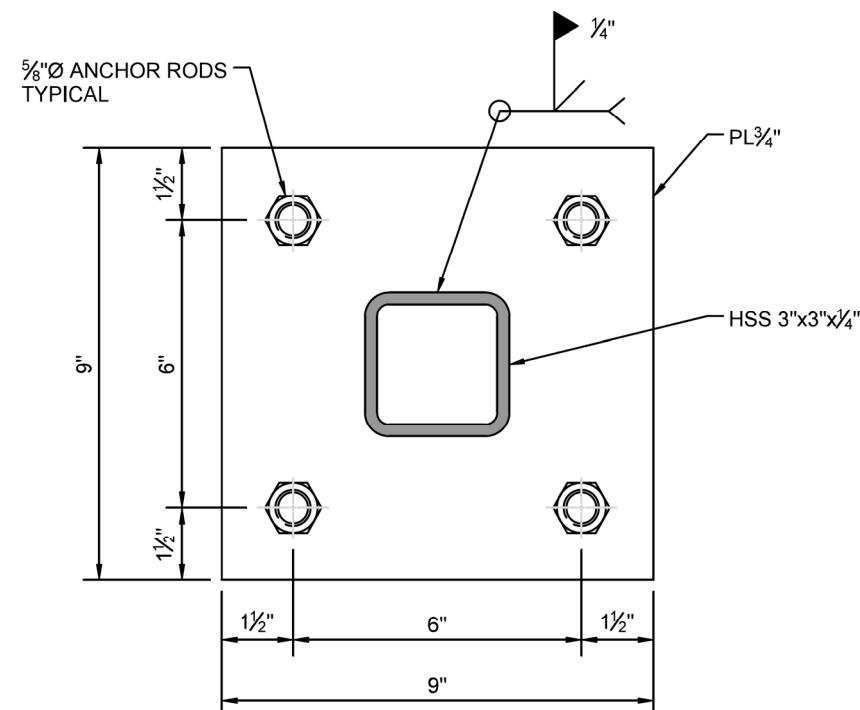
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10



DETAIL

11



DETAIL

12

PLANS PREPARED FOR:



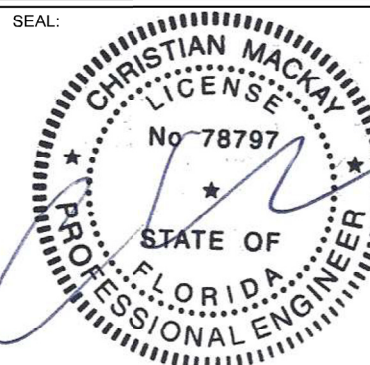
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

JEA YULEE
GENERATOR
PLATFORM

0	08/13/20	RELEASE
REV	DATE	ISSUED FOR:
DRAWN BY:	CJT	CHECKED BY: CM

SHEET TITLE:

STEEL DETAILS

SHEET NUMBER:

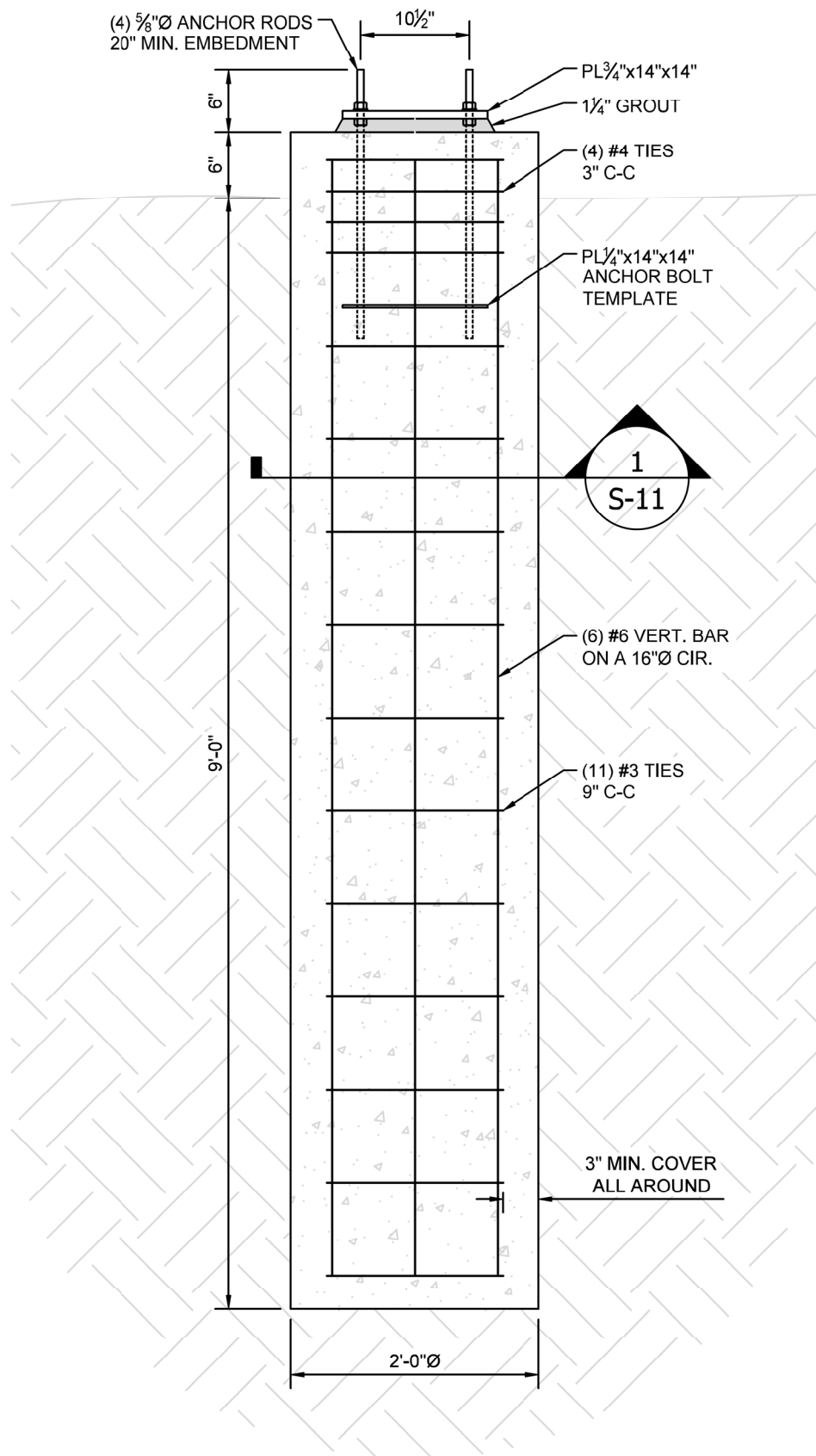
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REVISION:

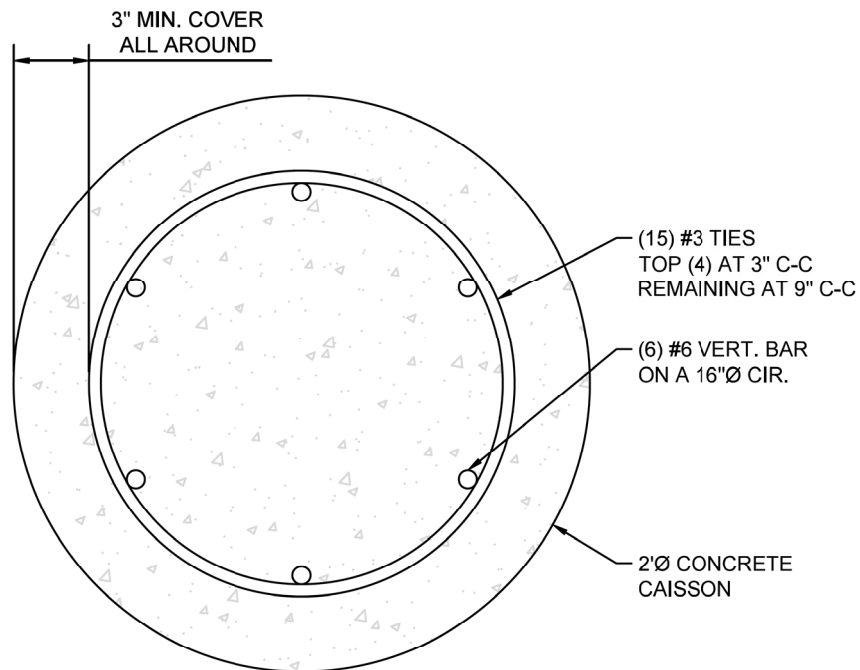
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CBVR FILE #:

20-00945



PLATFORM FOUNDATION



PLATFORM FOUNDATION SECTION

1

PLANS PREPARED FOR:




JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

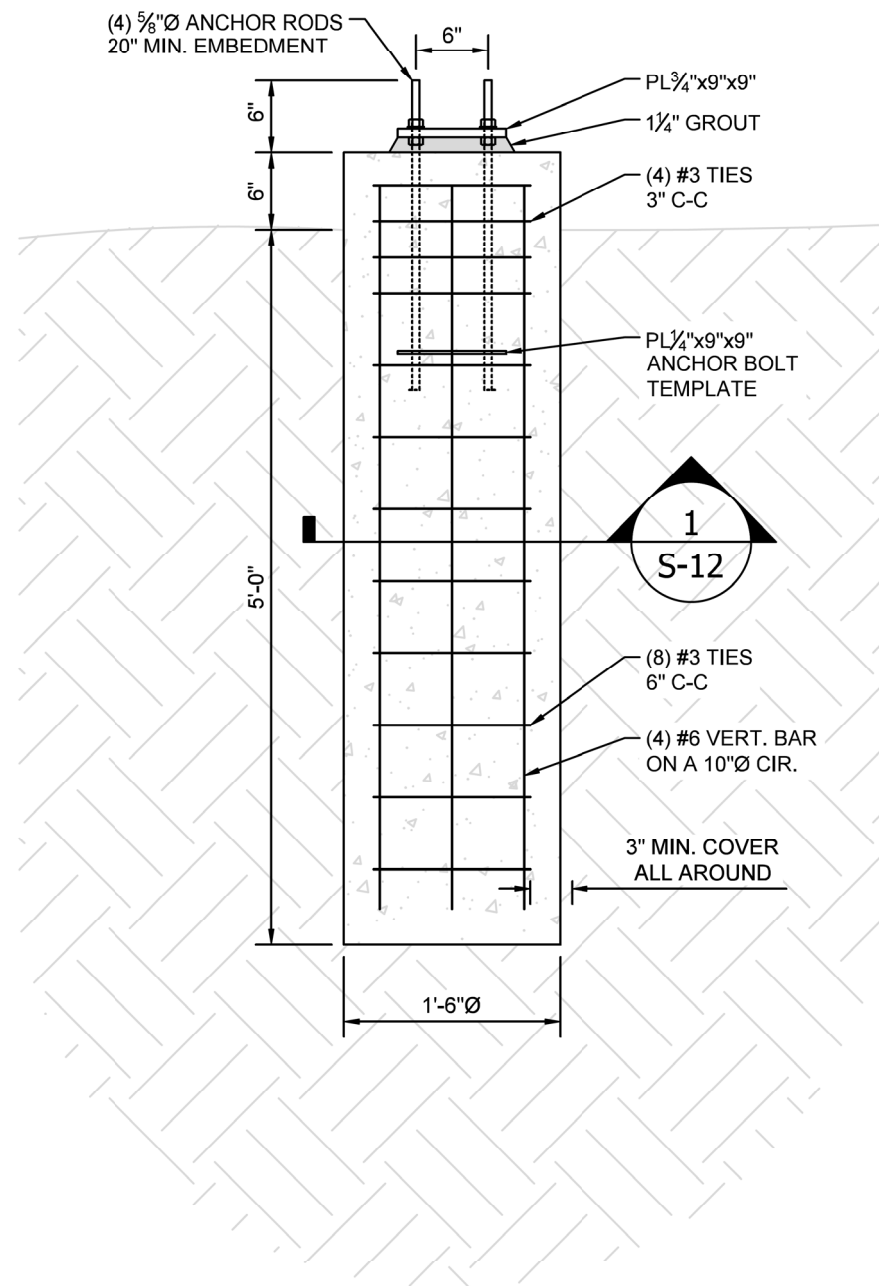
PROJECT NAME:
**JEA YULEE
GENERATOR
PLATFORM**

0	08/13/20	RELEASE
REV	DATE	ISSUED FOR:

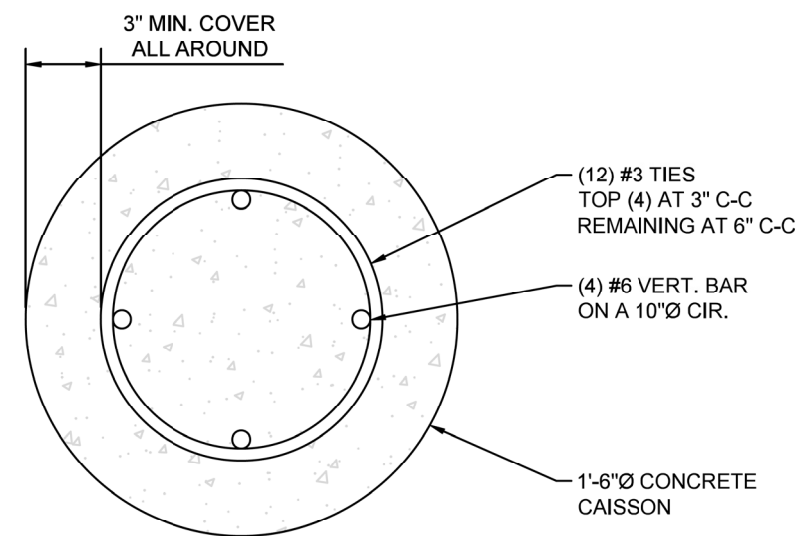
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SHEET TITLE:
**PLATFORM
FOUNDATION**

SHEET NUMBER: S-11	REVISION: 0 CBVR FILE #: 20-00945
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STAIR LANDING FOUNDATION



STAIR LANDING
FOUNDATION SECTION 1

PLANS PREPARED FOR:



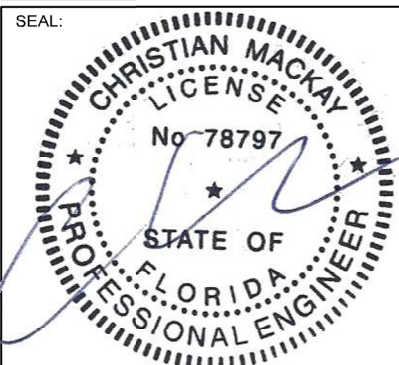
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

**JEA YULEE
GENERATOR
PLATFORM**

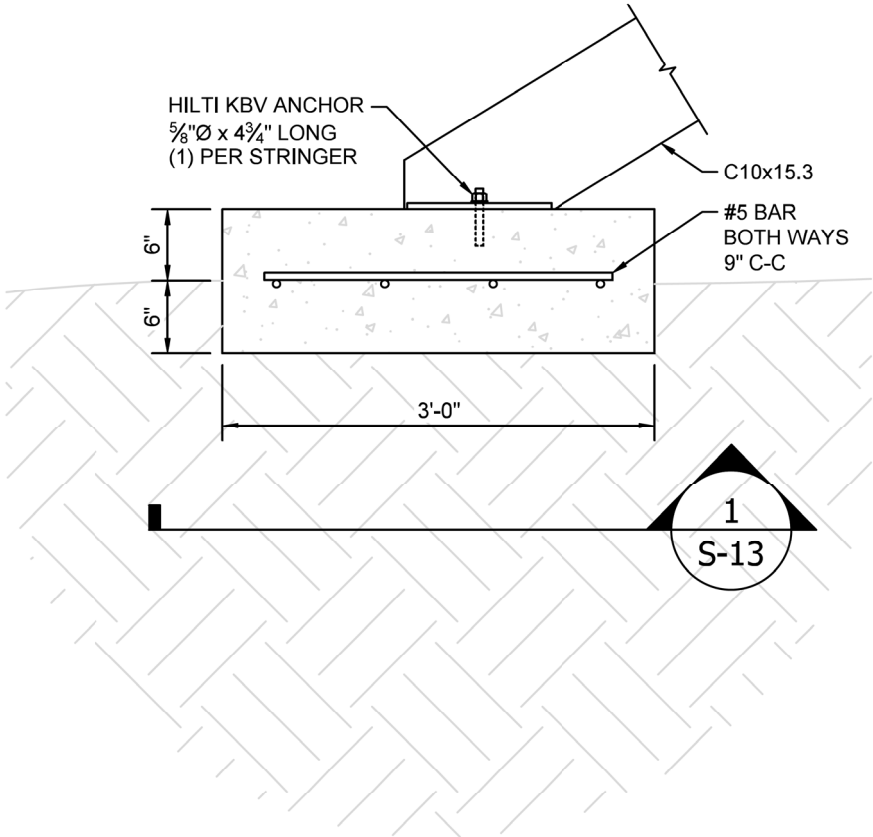
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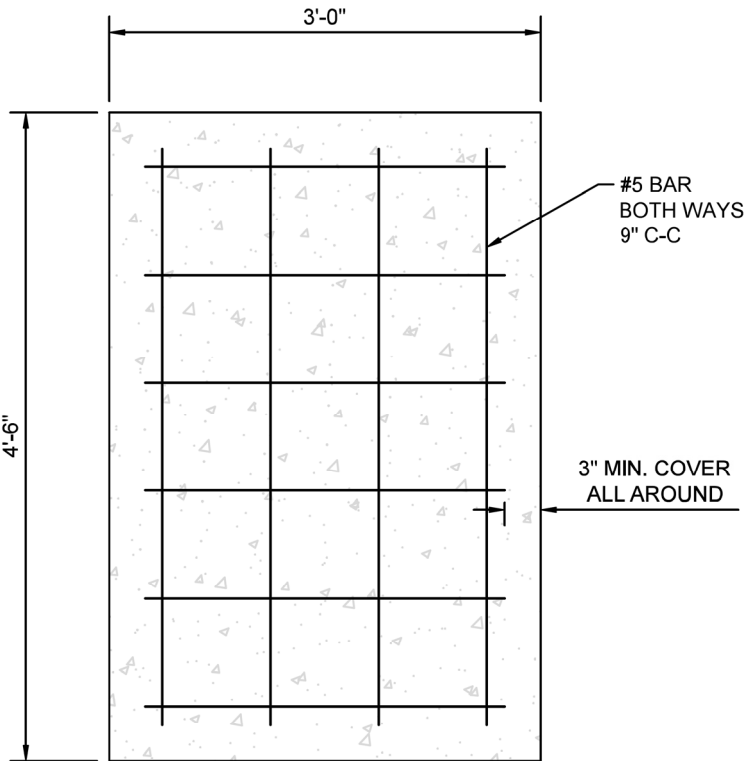
SHEET TITLE:

**STAIR LANDING
FOUNDATION**

SHEET NUMBER:	REVISION:
S-12	0
	CBVR FILE #:
	20-00945




STAIR PAD FOUNDATION



STAIR PAD
FOUNDATION SECTION 1

PLANS PREPARED FOR:




JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:
JEA YULEE
GENERATOR
PLATFORM

0	08/13/20	RELEASE
REV	DATE	ISSUED FOR:


DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

STAIR PAD
FOUNDATION

SHEET NUMBER: S-13	REVISION: 0 CBVR FILE #: 20-00945
---------------------------	--

PLANS PREPARED FOR:




JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR
TELECOM DESIGN GROUP
CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

JEA YULEE
SHELTER
PLATFORM EXT.

0	08/14/20	RELEASE
REV	DATE	ISSUED FOR:

DRAWN BY: CJT

CHECKED BY: CM

SHEET TITLE:

PLATFORM
OVERVIEW

SHEET NUMBER:

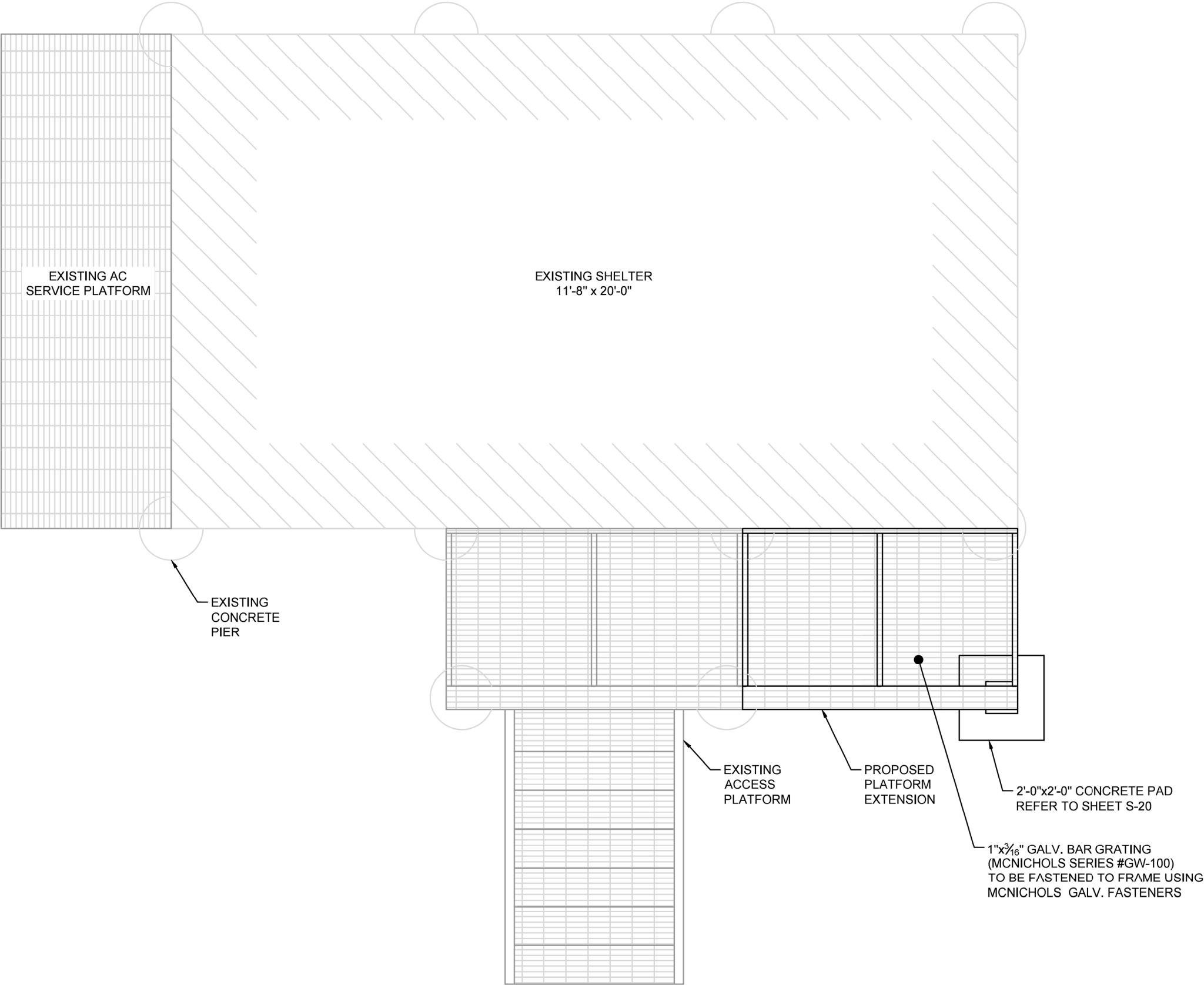
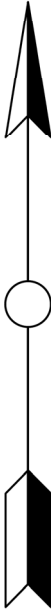
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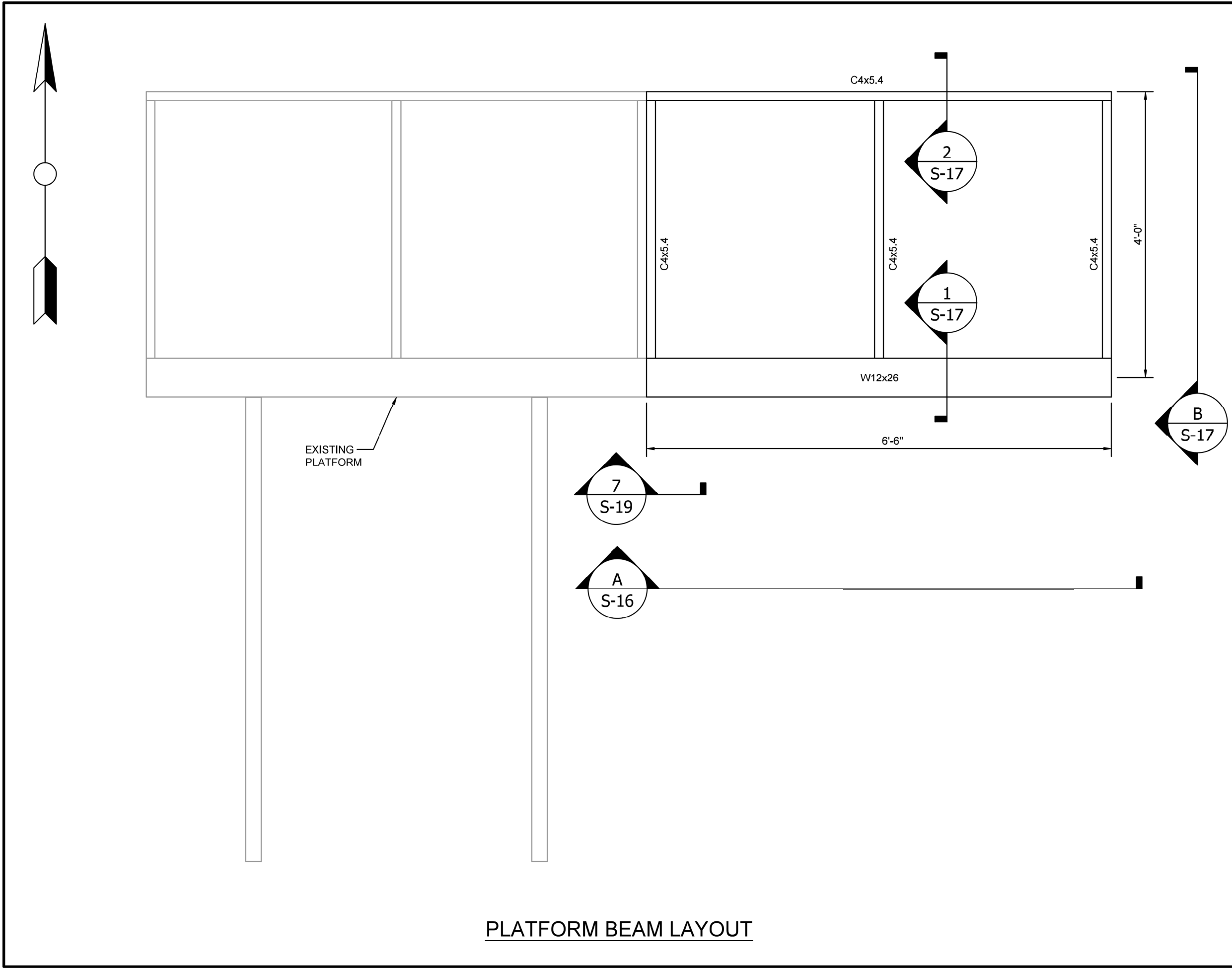
CBVR FILE #:

20-00945


S-14



PLATFORM OVERVIEW




PLANS PREPARED FOR:




JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR
TELECOM DESIGN GROUP
CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

**JEA YULEE
SHELTER
PLATFORM EXT.**

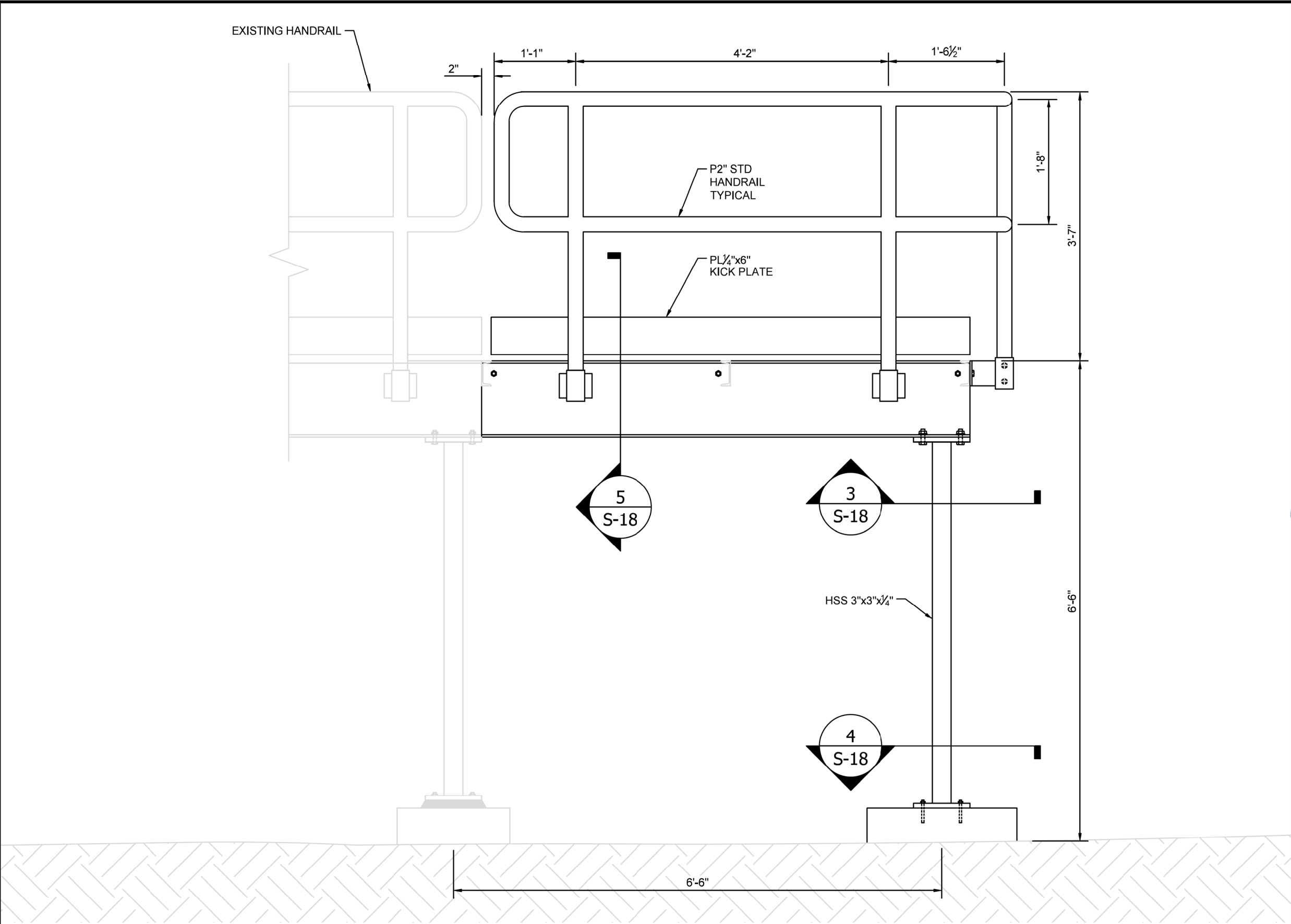
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0	08/14/20	RELEASE

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

**PLATFORM
BEAM LAYOUT**

S-15	SHEET NUMBER:
	REVISION:
	0
	CBVR FILE #:
	20-00945



PLANS PREPARED FOR:

JEA

JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:

CBVR

TELECOM DESIGN GROUP

CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:

CHRISTIAN MACKAY
LICENSE
No. 78797
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

08/18/2020

PROJECT NAME:

**JEA YULEE
SHELTER
PLATFORM EXT.**

REV	DATE	ISSUED FOR:
0	08/14/20	RELEASE

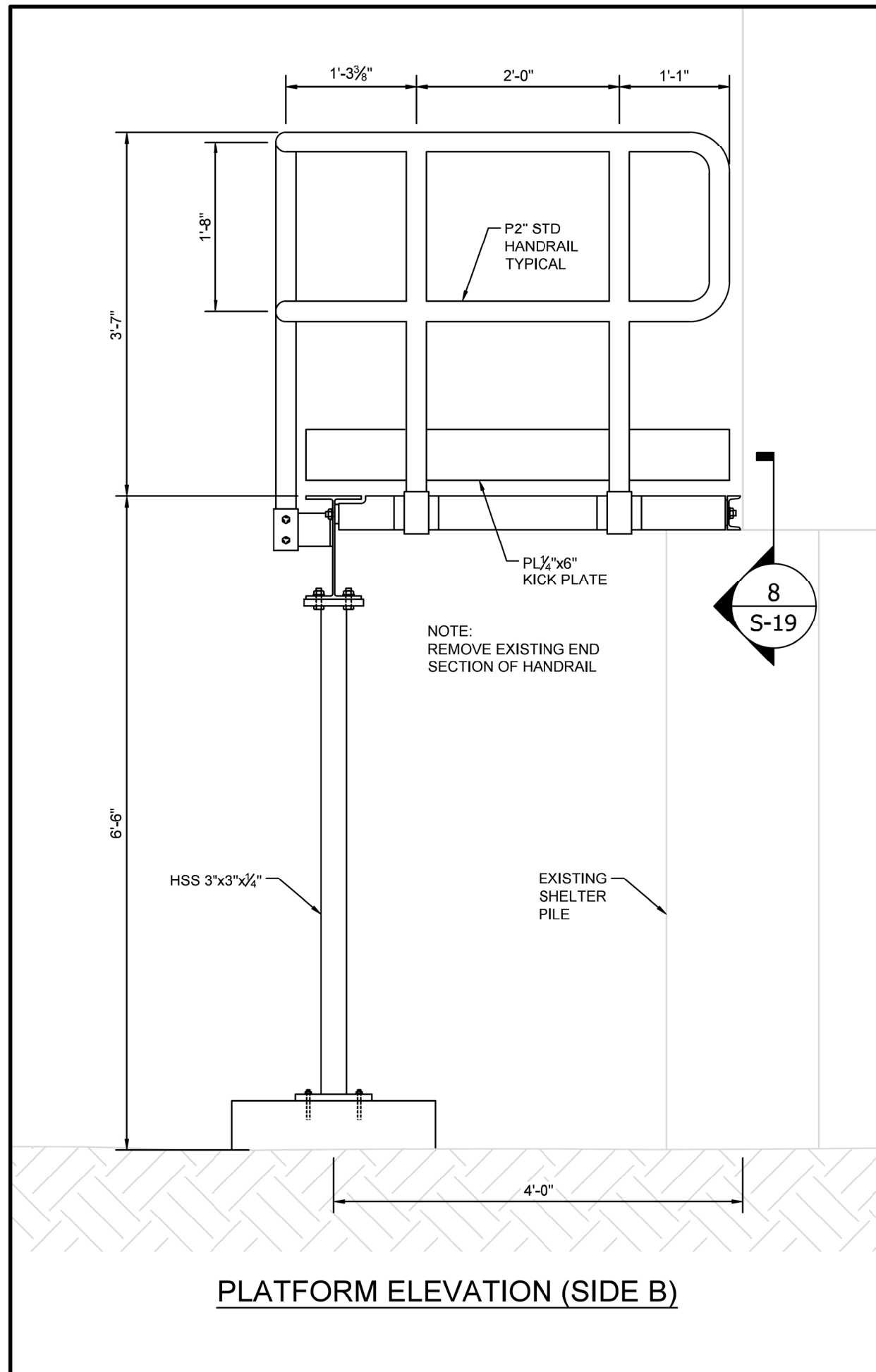
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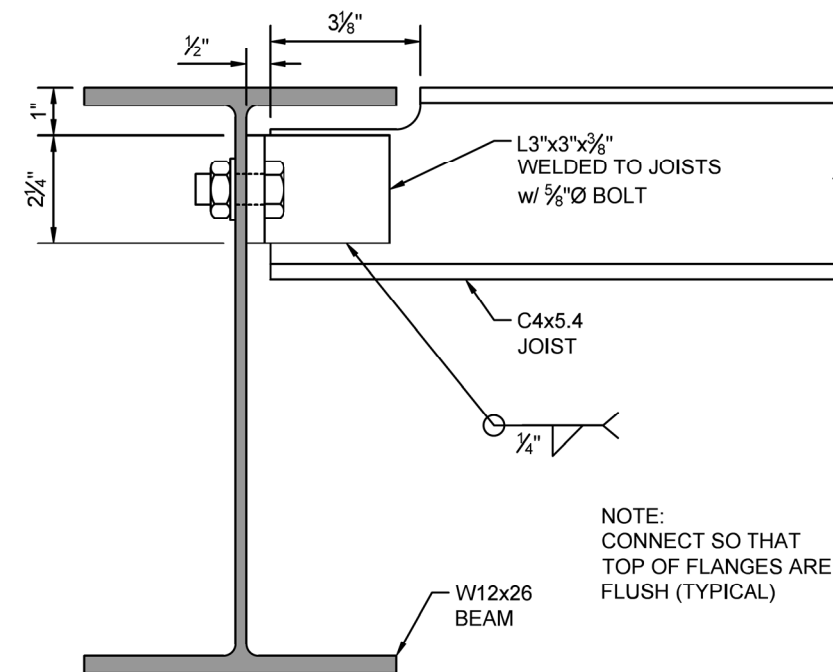
**PLATFORM
ELEVATION**

SHEET NUMBER:	REVISION:
S-16	0

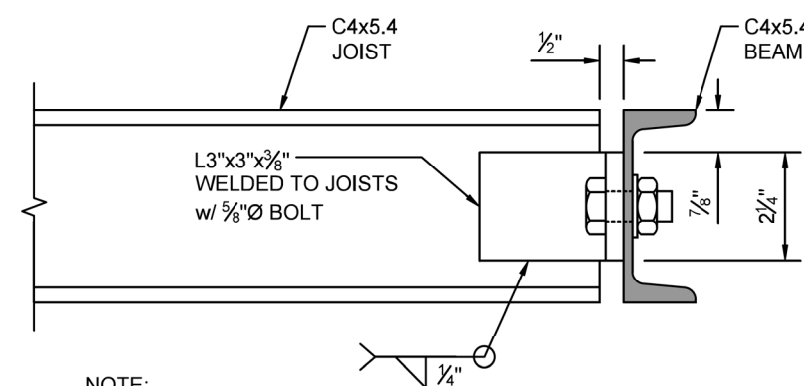
CBVR FILE #:
20-00945



PLATFORM ELEVATION (SIDE B)



DETAIL 1



DETAIL 2

PLANS PREPARED FOR:



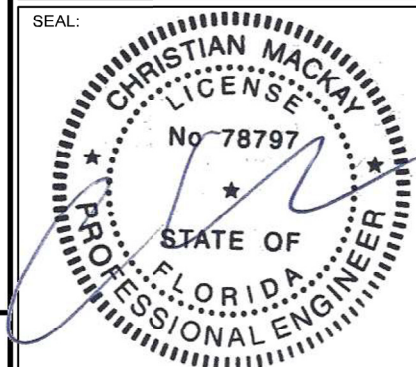
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

JEA YULEE
SHELTER
PLATFORM EXT.

0	08/14/20	RELEASE
REV	DATE	ISSUED FOR:
DRAWN BY:	CJT	CHECKED BY: CM

SHEET TITLE:

PLATFORM
ELEVATION

SHEET NUMBER:

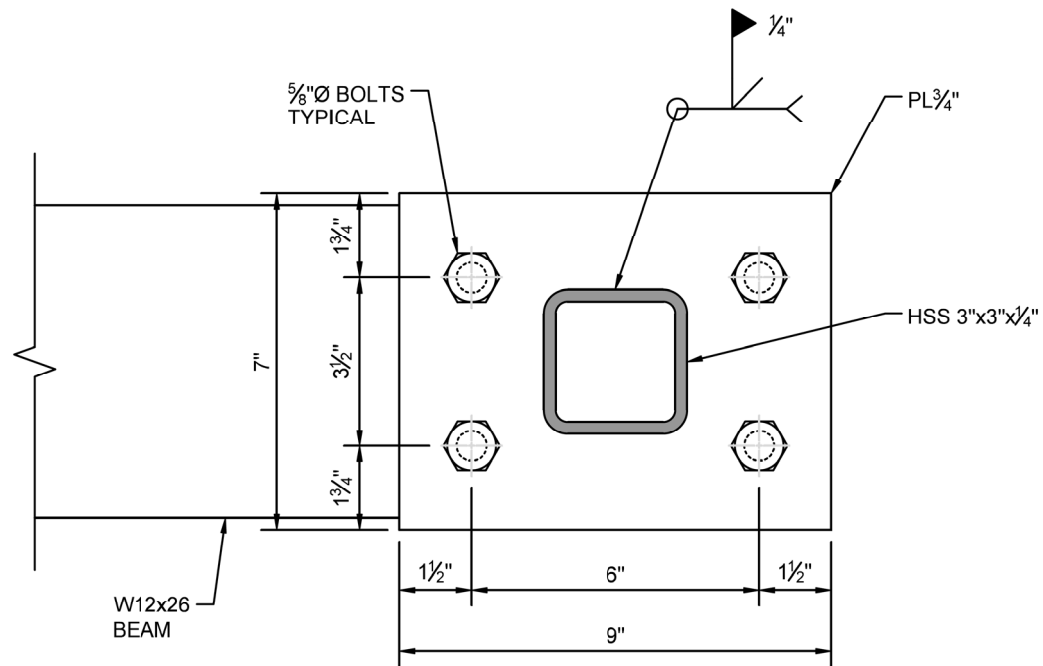
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REVISION:

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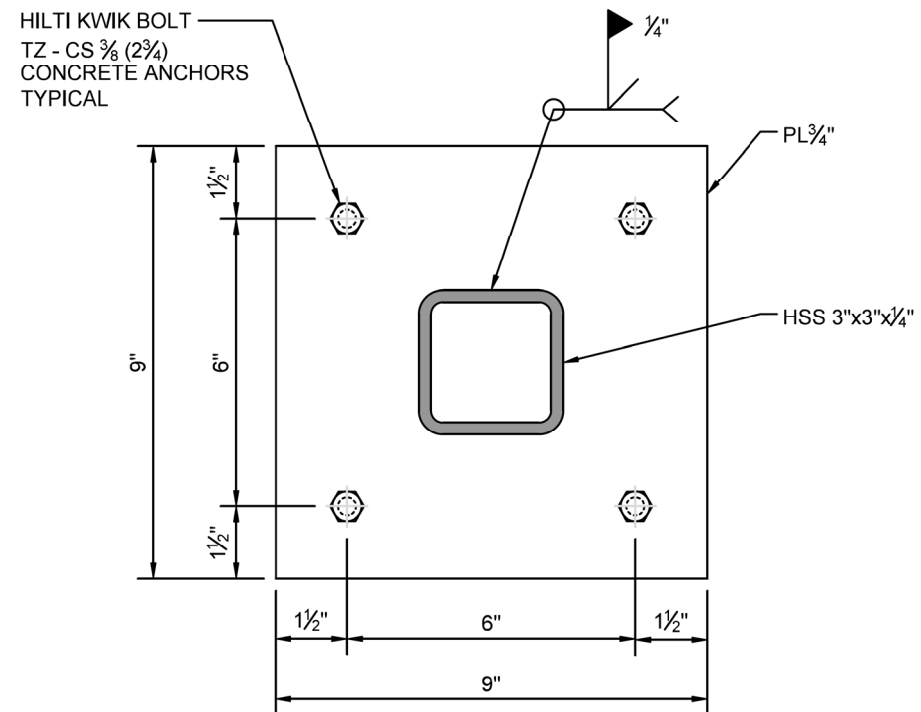
CBVR FILE #:

20-00945



DETAIL

3



DETAIL

4

PLANS PREPARED FOR:



JEA
21 W. Church St
Jacksonville, FL 32202

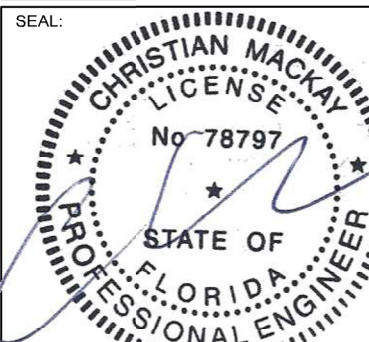
PLANS PREPARED BY:



TELECOM DESIGN GROUP

CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



08/18/2020

PROJECT NAME:

JEA YULEE
SHELTER
PLATFORM EXT.

0	08/14/20	RELEASE
REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

STEEL DETAILS

SHEET NUMBER:

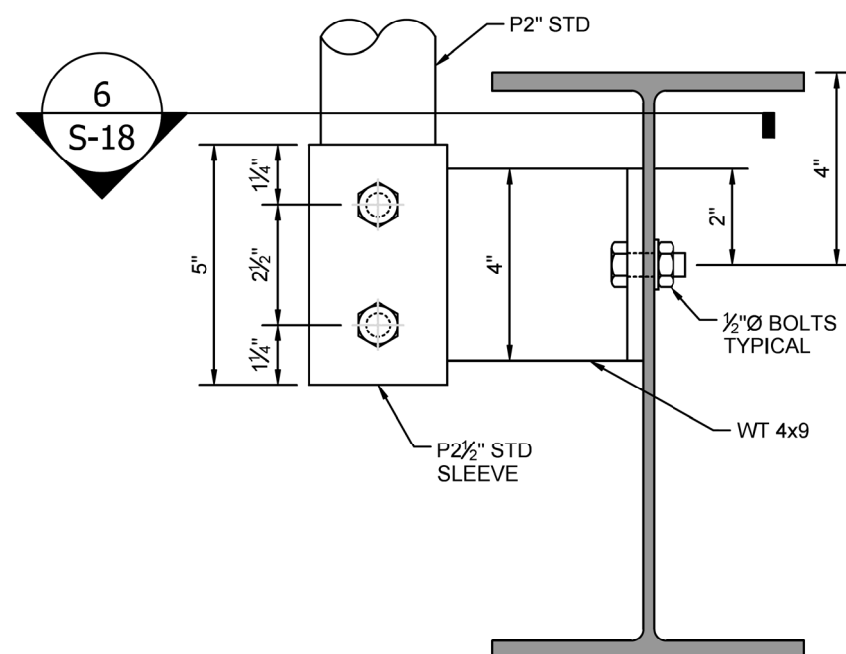
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REVISION:

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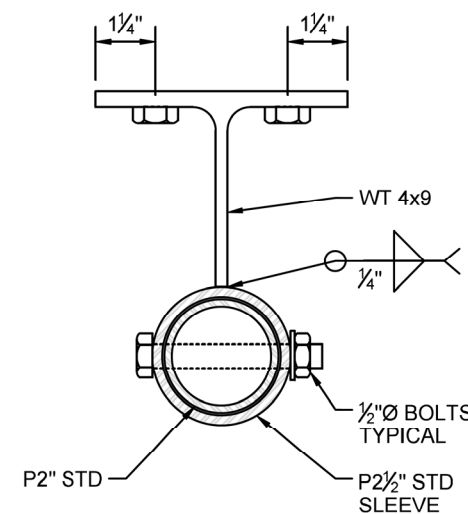
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20-00945



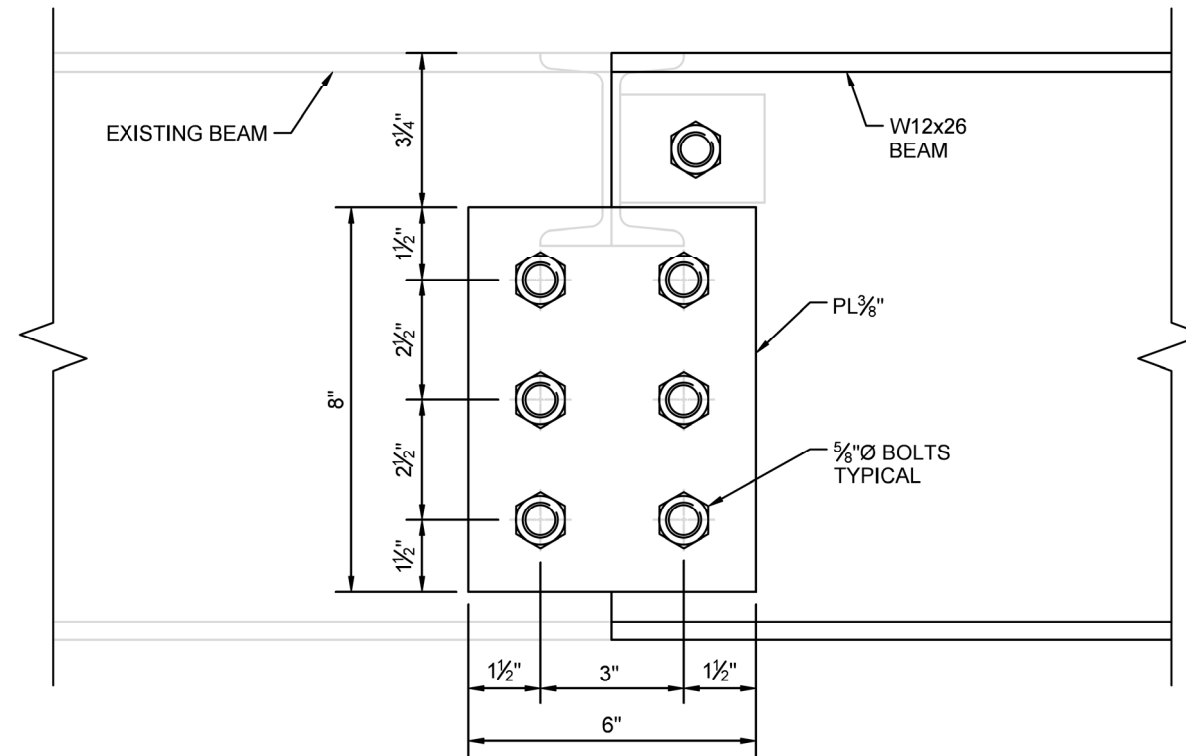
DETAIL

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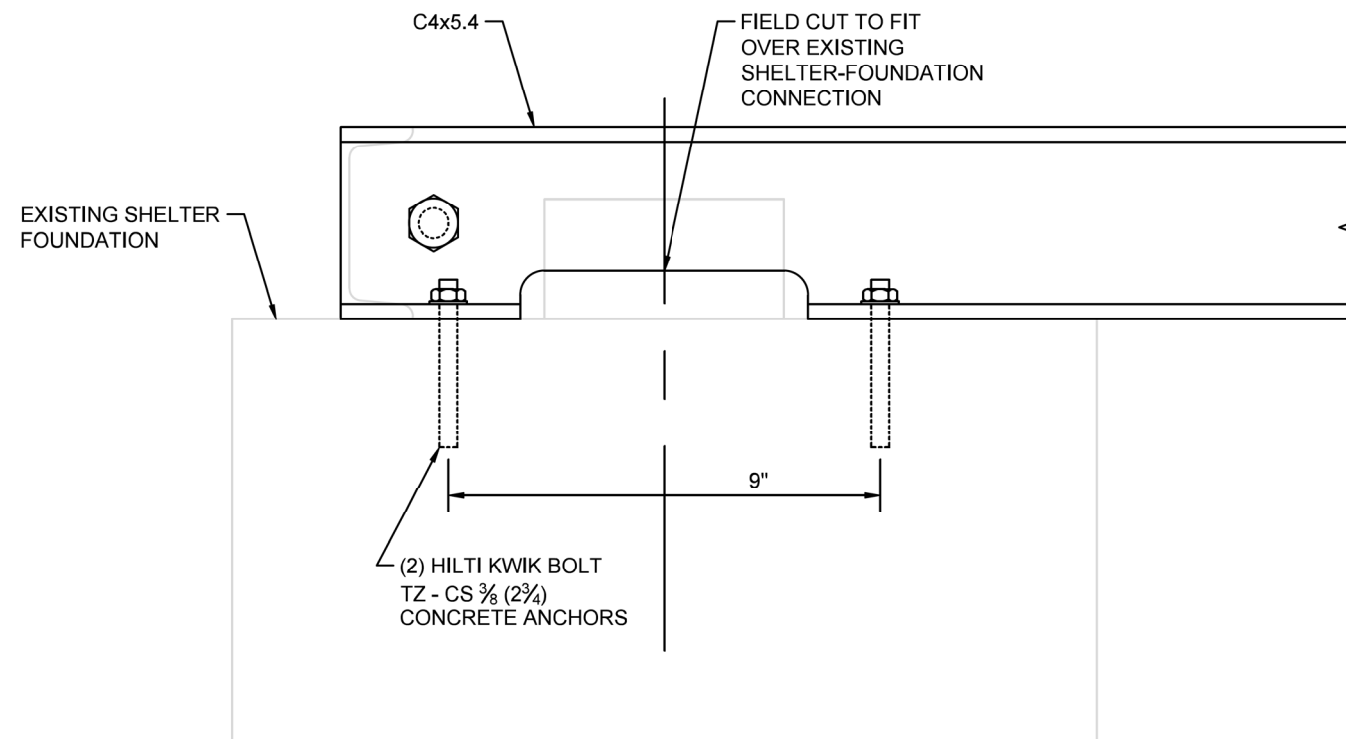


DETAIL

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DETAIL 7



DETAIL 8

PLANS PREPARED FOR:



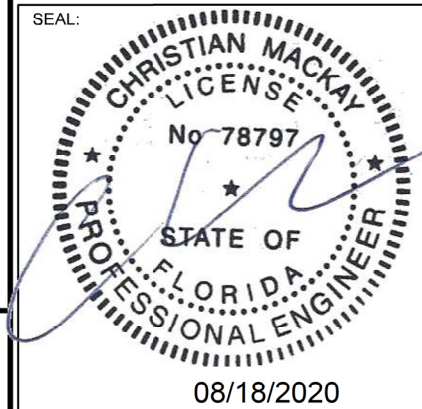
JEA
21 W. Church St
Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
6505 N. Himes Ave
Tampa, FL 33614

SEAL:



PROJECT NAME:

JEA YULEE
SHELTER
PLATFORM EXT.

0	08/14/20	RELEASE
REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

STEEL DETAILS

SHEET NUMBER:

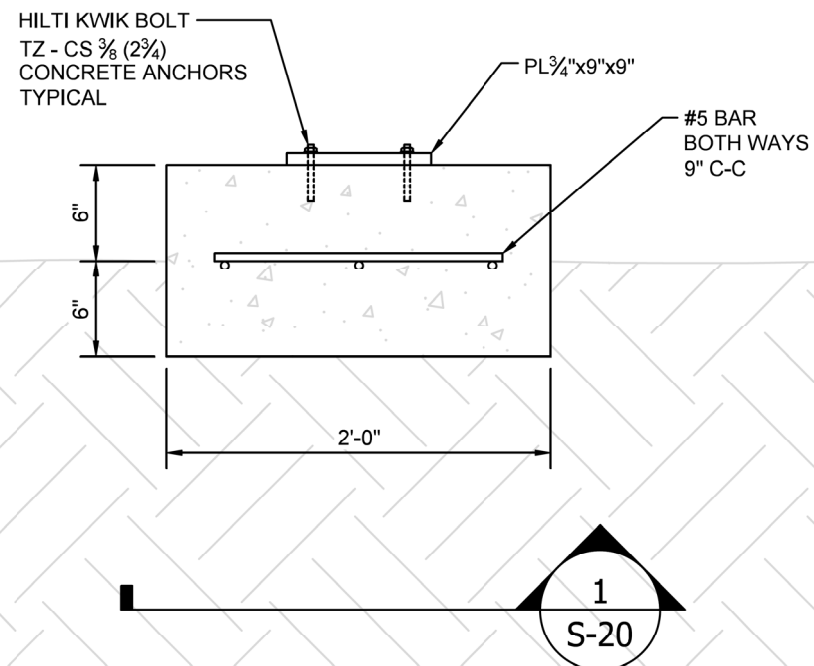
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REVISION:

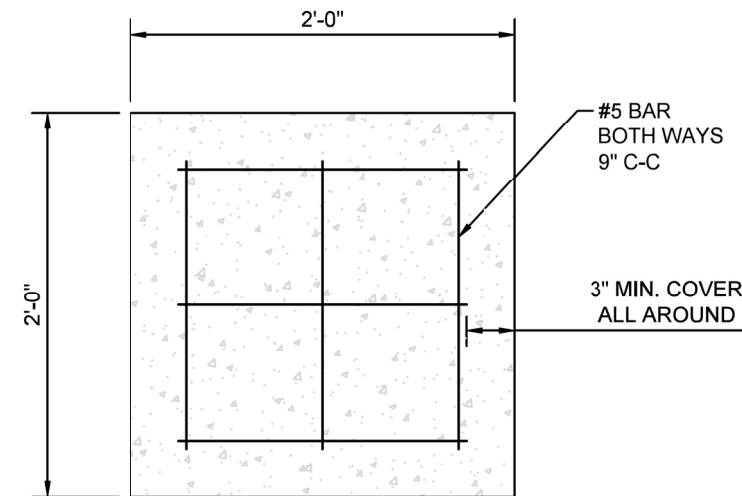
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CBVR FILE #:

20-00945



PLATFORM FOUNDATION



PLATFORM FOUNDATION SECTION

1

PLANS PREPARED FOR:



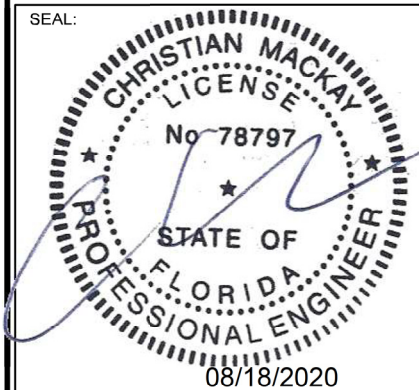
JEA
 21 W. Church St
 Jacksonville, FL 32202

PLANS PREPARED BY:



CBVR Telecom Design Group
 6505 N. Himes Ave
 Tampa, FL 33614

SEAL:



PROJECT NAME:

JEA YULEE
 SHELTER
 PLATFORM EXT.

0	08/14/20	RELEASE
REV	DATE	ISSUED FOR:

DRAWN BY: CJT CHECKED BY: CM

SHEET TITLE:

PLATFORM
 FOUNDATION

SHEET NUMBER:

S-20

REVISION:

0

CBVR FILE #:

20-00945