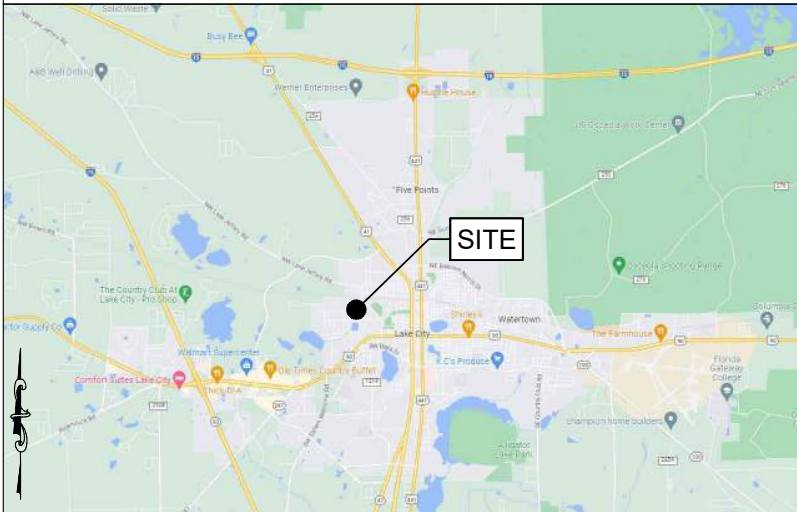
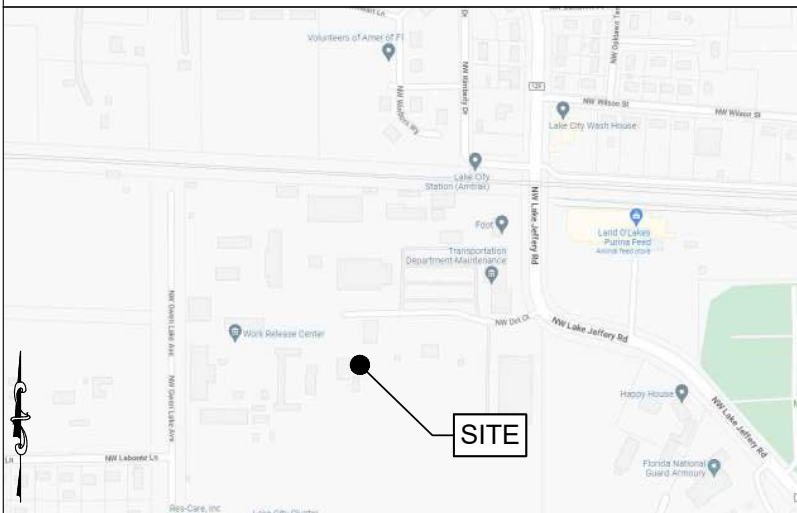


Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\Lake City, FL_PCD_2023-06-14.dwg T-1 Jun 15, 2023 10:08am by: djasper

LOCATION MAP



VICINITY MAP



**Know what's below.
Call before you dig.**

*** CAUTION ***

THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

FOR EMERGENCIES CALL: 911

PREPARED FOR:



SITE NAME:

FLORIDA DOT LAKE CITY DOT

PROJECT DESCRIPTION:

COLLOCATION

APPROVED



APPROVED AS NOTED



RESUBMIT



NOT APPROVED



RECEIVED



Omnicom Consulting Group, Inc.

~~FLORIDA DOT CENTRAL OFFICE ITS~~

BY:

Chen

DATE:

6/27/2023

REVIEWED FOR GENERAL CONFORMITY TO CONTRACT PLANS AND SPECIFICATIONS. DETAIL DIMENSIONS AND QUANTITIES ARE NOT COMPLETELY CHECKED. CONTRACTOR'S FULL RESPONSIBILITY IS IN NO WAY RELIEVED BY THIS REVIEW

PROJECT INFORMATION

SITE ADDRESS: 682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

LATITUDE: 30.195032° (NAD 83)
LONGITUDE: -82.653048° (NAD 83)

PARCEL ID: 30-3S-17-05866-000 (25960)

JURISDICTION: COLUMBIA COUNTY

APPLICANT: FLORIDA DOT
605 SUWANNEE STREET
TALLAHASSEE, FL 32399

ENGINEER: FORESITE GROUP, LLC
10150 HIGHLANDS MANOR DR,
SUITE 210
TAMPA, FL 33610

POWER: FLORIDA POWER & LIGHT

TELCO: TBD

DESIGN DATA:

DESIGN CODE: 2020 FBC - BUILDING,
7TH EDITION
TIA-222-H

BASIC WIND SPEED: 133 MPH (3 SECOND GUST)
EXPOSURE CATEGORY: C
RISK CATEGORY: IV

SHEET INDEX

SHEET	DESCRIPTION	REV.
T-1	TITLE SHEET	F
T-2	CONSTRUCTION NOTES	F
C-1	EXISTING COMPOUND PLAN	F
C-2	PROPOSED COMPOUND PLAN	F
C-3	ICE BRIDGE & BOLLARD DETAILS	F
C-4	FENCE DETAILS	F
E-1	ELECTRICAL NOTES	F
E-2	SITE SERVICE ROUTING PLAN	F
E-3	SITE GROUNDING PLAN	F
E-4	CONDUIT & TRENCHING DETAILS	F
S-0	STRUCTURAL NOTES	1
S-1	SHELTER FOUNDATION PLAN	1
S-2	SHELTER DETAILS	1

APPROVED



APPROVED AS NOTED



RESUBMIT



NOT APPROVED



RECEIVED



FLORIDA DOT CENTRAL OFFICE ITS

BY:

Kenny Chen

DATE:

06/27/2023

REVIEWED FOR GENERAL CONFORMITY TO CONTRACT PLANS AND SPECIFICATIONS. DETAIL DIMENSIONS AND QUANTITIES ARE NOT COMPLETELY CHECKED. CONTRACTOR'S FULL RESPONSIBILITY IS IN NO WAY RELIEVED BY THIS REVIEW.



SEAL:

PROJECT:

FLORIDA DOT LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS

CARRIER _____

LANDLORD _____

LEASING _____

CONSTRUCTION _____

REVISIONS _____ DATE _____

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: DEJ

DRAWING BY: DEJ

DATE: 06/15/23

TITLE:

TITLE SHEET

SHEET NUMBER: T-1

JOB/FILE NUMBER: 1562.020

Drawing name: c:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\Lake City, FL PCD 2023-06-14.dwg T-2 Jun 15, 2023 10:08am by: djasper

GENERAL NOTES:

1. FOR THE PURPOSE OF THE CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
CONTRACTOR – GENERAL CONTRACTOR (CONSTRUCTION)
PROJECT MANAGER – LEVEL-UP TOWERS
2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
4. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER’S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
7. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE ENGINEER.
8. CONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER, FIBER, AND GROUNDING CABLES SHOWN ON THE POWER & GROUNDING DRAWINGS.
9. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR’S EXPENSE TO THE SATISFACTION OF THE OWNER.
10. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS OFFSITE.
11. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
12. CONTRACTOR SHALL HAVE A PRECONSTRUCTION MEETING WITH OWNER TO DISCUSS ALL ASPECTS OF THE CONSTRUCTION SCOPE OF THIS DRAWING TO ENSURE HE IS FAMILIAR AND UNDERSTANDS ALL REQUIREMENTS AND INTENT OF EACH ACTIVITY.
13. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
14. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORMWORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
15. THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS, AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
16. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION, AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
17. IF REQUIRED, CONTRACTOR TO COORDINATE PROPOSED DRIVEWAY CONNECTION PERMIT WITH STATE OR LOCAL DOT OFFICE.

SITE WORK GENERAL NOTES:

1. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
2. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATION OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
3. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
4. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
5. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF OWNER AND/OR LOCAL UTILITY PROVIDER.
6. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS FOR SITE SIGNAGE.
7. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT AND TOWER AREAS.
8. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW, OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
9. THE SUB GRADE UNDER THE PROPOSED EQUIPMENT PAD SHALL BE COMPACTED TO 98% PROCTOR AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
10. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED IN THE DRAWINGS AND IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
11. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.

STRUCTURAL STEEL NOTES:

1. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION". PAINTED OR GALVANIZED SURFACES SHALL BE TOUCHED UP.
2. BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.

CONCRETE AND REINFORCING STEEL NOTES:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 301, ACI 318, ACI 336, ASTM A184
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE; SLUMP: 2" MIN./4" MAX; AIR ENTRAINMENT: 45 TO 6% BY VOLUME; MAXIMUM COARSE AGGREGATE SIZE SHALL BE 1".
3. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 WELDED STEEL WIRE REINFORCEMENT UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNLESS NOTED OTHERWISE.
4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

CONCRETE CAST AGAINST EARTH.....3"
CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 AND LARGER.....3"
#5 AND SMALLER & WWF.....3"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:
SLAB AND WALL.....1½"
BEAMS AND COLUMNS.....1½"
5. A CHAMFER OF 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301.
6. 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. IF DRILLING IN EXISTING CONCRETE, NO EXISTING REBAR WILL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL.
7. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
8. ALL CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C94. MAINTAIN TEMPERATURE OF CAST IN PLACE CONCRETE AT BETWEEN 50 DEGREES AND 90 DEGREES FARENHEIT.
9. DO NOT USE RETEMPERED CONCRETE, OR ADD WATER TO READY-MIX CONCRETE AT THE JOBSITE.
10. FOUNDATION INSTALLER SHALL INSURE THAT ALL PROTRUDING THREADS OF PROPOSED ANCHOR BOLTS SHALL BE MAINTAINED CLEAN AND FREE OF CONCRETE.
11. FOUNDATION DESIGN IS BASED ON SOIL WITH 2000 PSF BEARING CAPACITY. IF EXISTING SOIL DOES NOT HAVE A MINIMUM 2000 PSF BEARING CAPACITY CONTRACTOR SHALL EXTEND PERIMETER BEAM TO REACH SOIL WITH MINIMUM 2000 PSF BEARING CAPACITY.



SEAL:

PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS

CARRIER _____

LANDLORD _____

LEASING _____

CONSTRUCTION _____

REVISIONS _____ DATE _____

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: DEJ

DRAWING BY: DEJ

DATE: 06/15/23

TITLE: _____

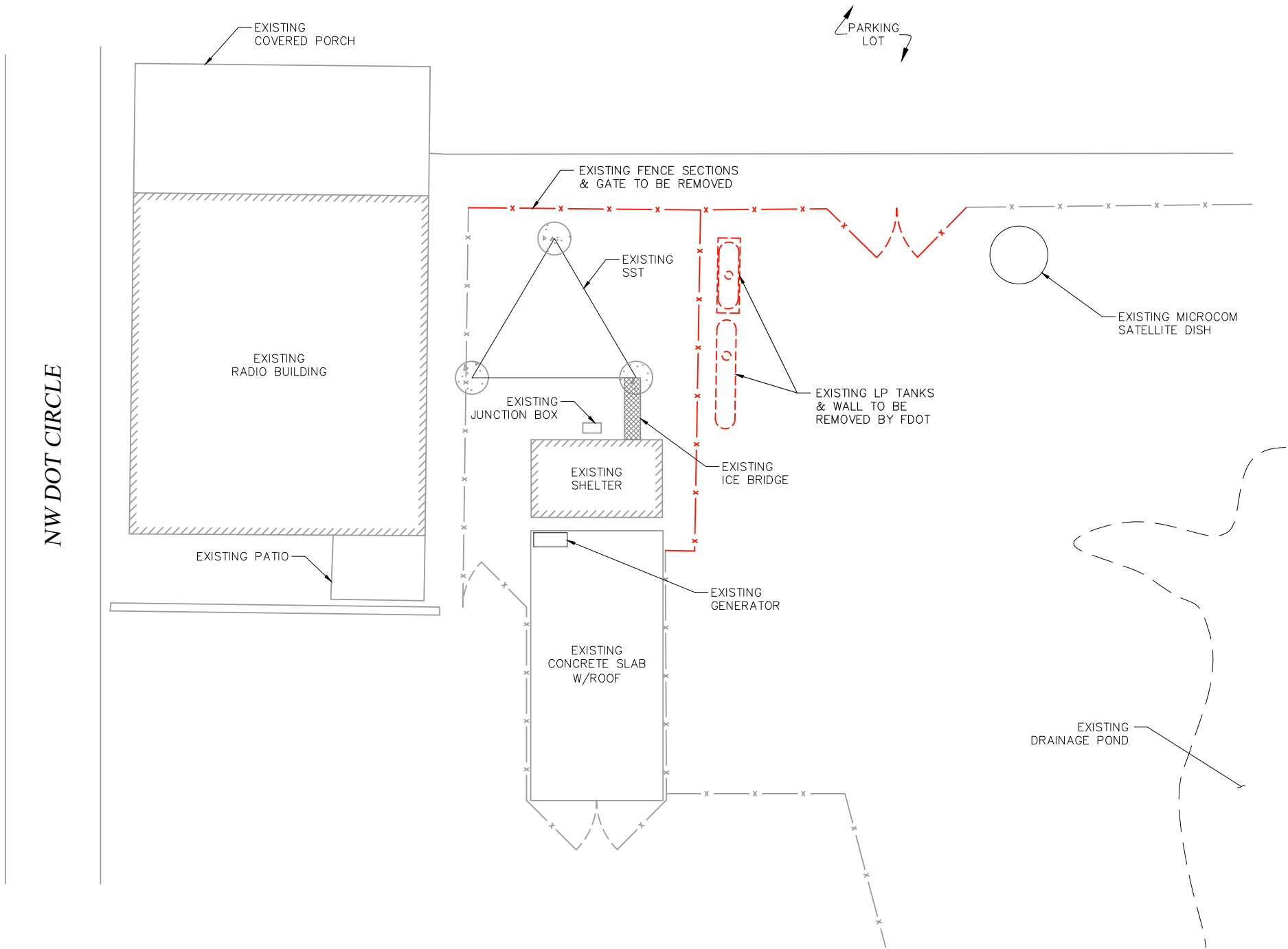
CONSTRUCTION NOTES

SHEET NUMBER: T-2

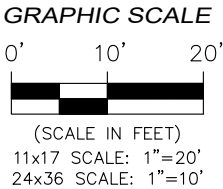
JOB/FILE NUMBER: 1562.020

Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\Lake City, FL PCD 2023-06-14.dwg C-1 Jun 15, 2023 10:08am by: djasper

EXISTING CONDITIONS ARE BASED ON A SITE WALK COMPLETED BY LEVEL-UP TOWERS ON 01/18/2023. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.



EXISTING COMPOUND PLAN



FL CA 26115
Foresite Group, Inc.
10150 Highland Manor Dr.
Suite 210
Tampa, FL 33610
o | 813.549.3250
f | 813.621.3580
w | www.fg-inc.net

SEAL:

PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS	
CARRIER	_____
LANDLORD	_____
LEASING	_____
CONSTRUCTION	_____
REVISIONS	DATE
_____	_____
_____	_____
_____	_____

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: DEJ

DRAWING BY: DEJ

DATE: 06/15/23

TITLE:

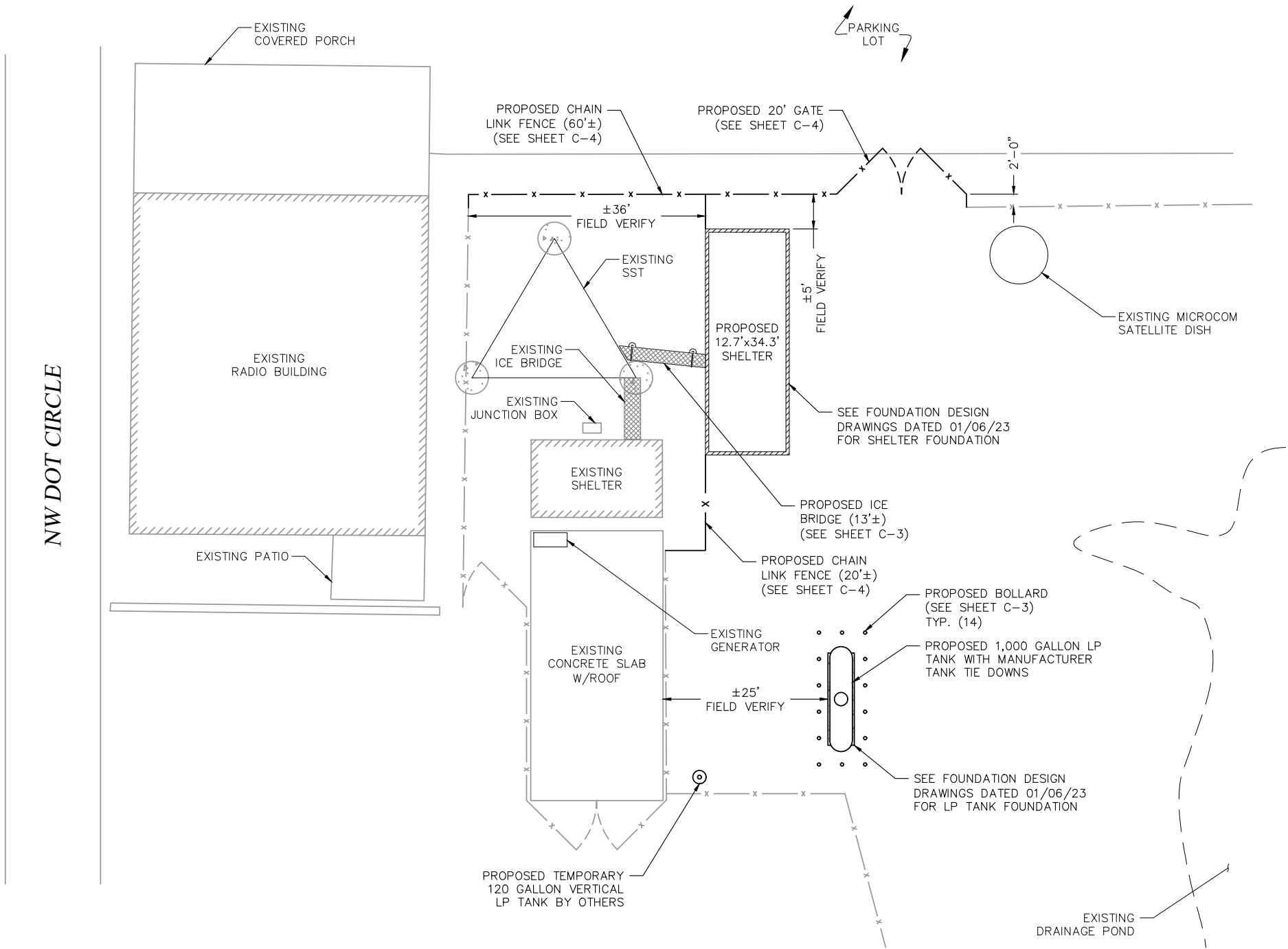
EXISTING
COMPOUND PLAN

SHEET NUMBER: C-1

JOB/FILE NUMBER: 1562.020

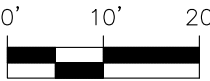
Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated Lake City, FL PCD 2023-06-14.dwg C-2 Jun 15, 2023 10:08am by: djasper

EXISTING CONDITIONS ARE BASED ON A SITE WALK COMPLETED BY LEVEL-UP TOWERS ON 01/18/2023. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.



PROPOSED COMPOUND PLAN

GRAPHIC SCALE



(SCALE IN FEET)
11x17 SCALE: 1"=20'
24x36 SCALE: 1"=10'



SEAL:

PROJECT:
**FLORIDA DOT
LAKE CITY DOT**

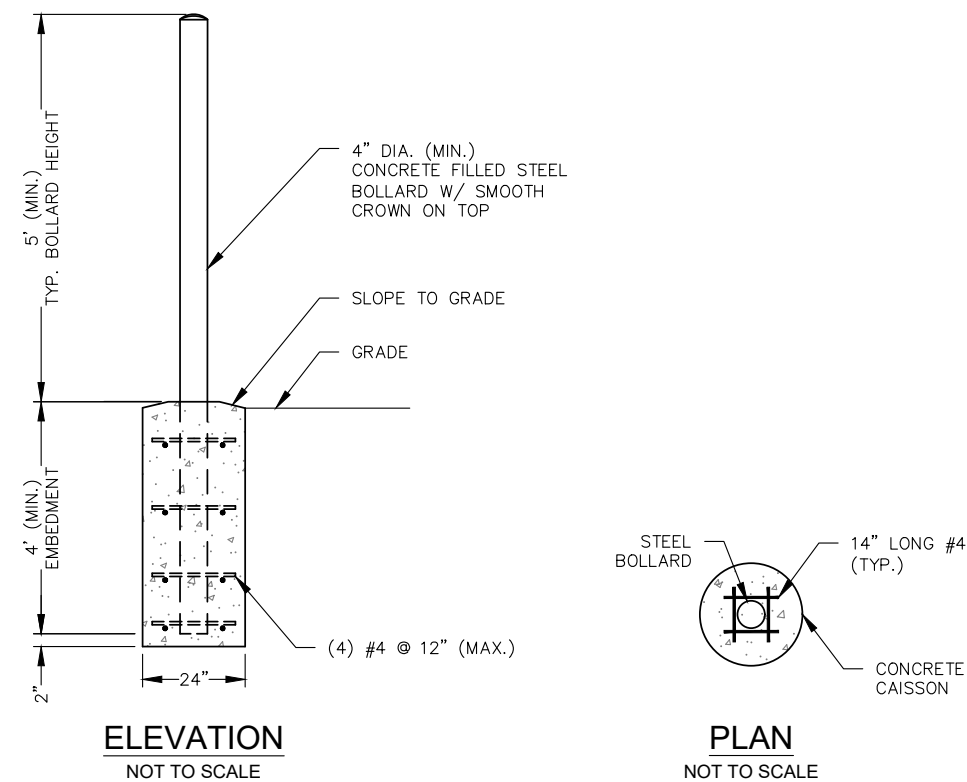
LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS
CARRIER _____
LANDLORD _____
LEASING _____
CONSTRUCTION _____

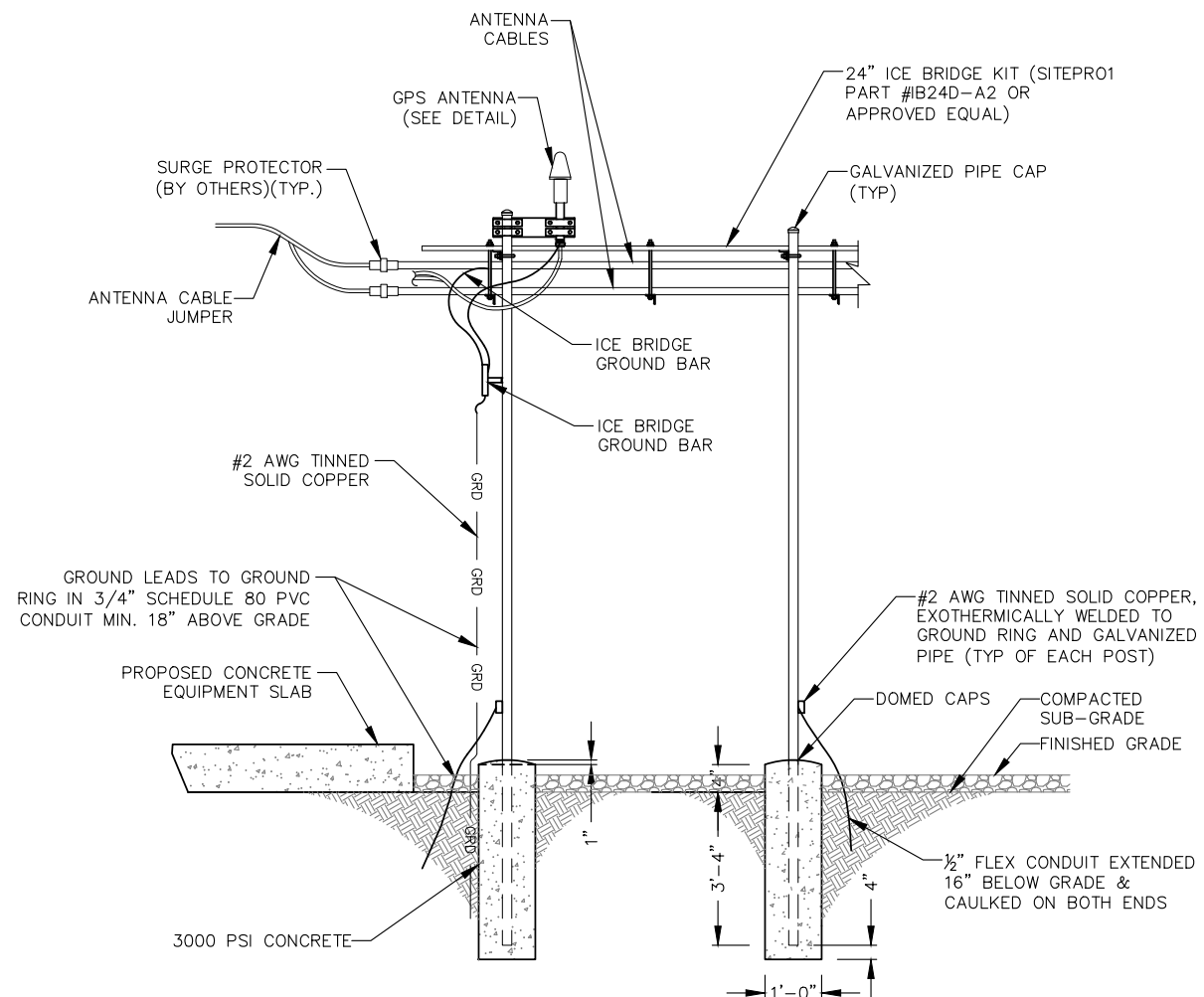
REVISIONS _____ DATE _____

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: DEJ
DRAWING BY: DEJ
DATE: 06/15/23
TITLE:

PROPOSED
COMPOUND PLAN
SHEET NUMBER: C-2
JOB/FILE NUMBER: 1562.020



BOLLARD DETAIL
NOT TO SCALE



ICE BRIDGE ELEVATION

NOT TO SCALE



SEAL:

PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS

CARRIER _____

LANDLORD _____

LEASING	
---------	--

CONSTRUCTION _____

REVISIONS	DATE
-----------	------

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: DEJ

DRAWING BY: DEJ

DATE: 06/15/23

TITLE: _____

ICE BRIDGE &
BOLLARD DETAILS

SHEET NUMBER: 07

SHEET NUMBER: C-3

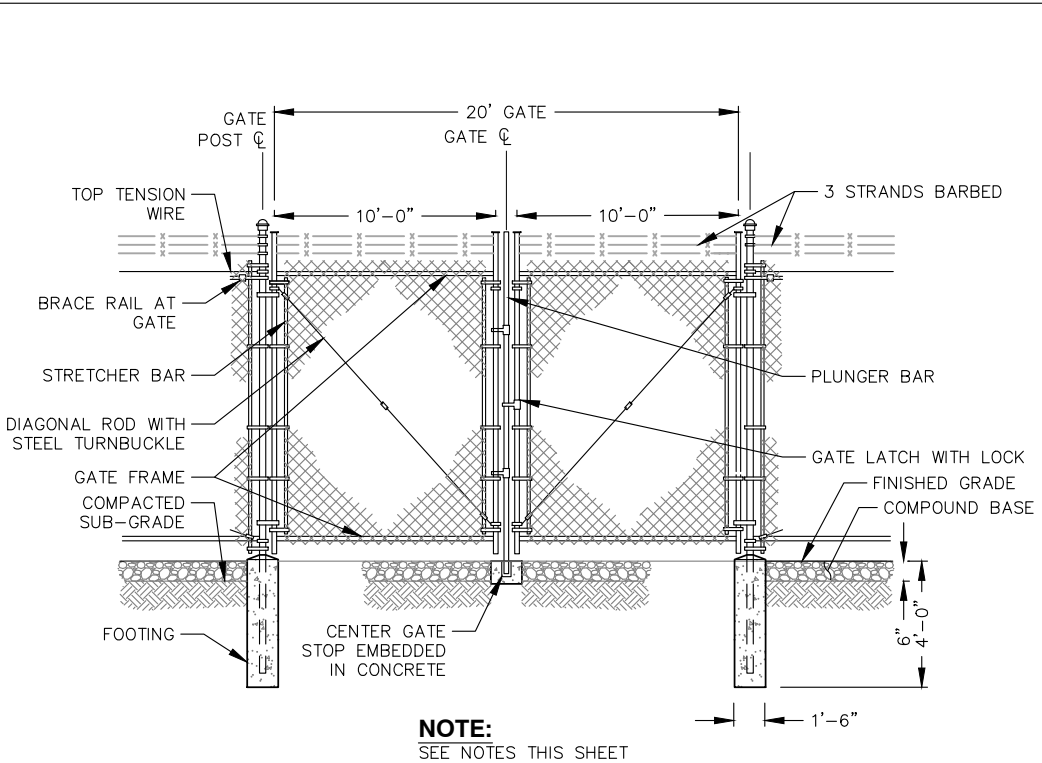
Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\ Lake City, FL PCD 2023-06-14.dwg C-4 Jun 15, 2023 10:08am by: djasper

FENCE NOTES:

- (INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F- 900)
1. GATE POST: 3½" DIA. SCHEDULE 40 PER ASTM-F 1083.
 2. CORNER AND TERMINAL OR PULL POST: 3" DIA. SCHEDULE 40 PER ASTM-F 1083.
 3. LINE POST: 2" DIA. SCHEDULE 40 PIPE PER ASTM-F 1083.
 4. GATE FRAME: 1½" DIA. SCHEDULE 40 PIPE PER ASTM-F 1083.
 5. TOP RAIL AND BRACE RAIL: 1½" DIA. SCHEDULE 40 PIPE PER ASTM-F 1083.
 6. FABRIC: 9 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
 7. TIE WIRE: MINIMUM 9 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAXIMUM 24" INTERVALS.
 8. TENSION WIRE: 6 GA. GALVANIZED STEEL.
 9. BARBED WIRE DOUBLE STRAND 12-½" GA. TWISTED WIRE TO MATCH WITH FABRIC 14 GA., 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
 10. GATE LATCH: 1-⅜" O.D. PLUNGER ROD WITH MUSHROOM TYPE CATCH AND LOCK, KEYED ALIKE FOR ALL SITES IN A GIVEN MTA.
 11. COMPLY WITH ANY LOCAL ORDINANCES REQUIRING PERMITS FOR PLACEMENT OF BARBED WIRE.
 12. WARNING SIGNS USING THE INTERNATIONAL SYMBOL OF ELECTRICAL SHOCK HAZARD SHALL BE FURNISHED AND INSTALLED ON THE EXTERIOR OF ALL SIDES OF THE MAIN PERIMETER FENCE AND THE GATE. ADDITIONALLY, SIGNS SHALL BE FURNISHED AND INSTALLED THAT STATE "NO TRESPASSING" IN ENGLISH. THE SIGNS SHALL BE IMPERVIOUS TO WEATHERING AND BE MOUNTED TO AVOID EASE OF REMOVAL BY VANDALS.

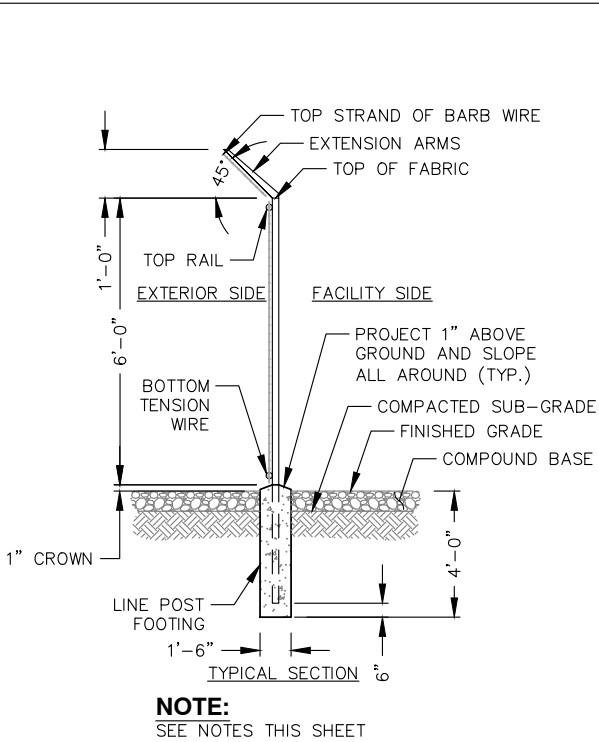
TYPICAL WOVEN WIRE FENCING NOTES

NOT TO SCALE



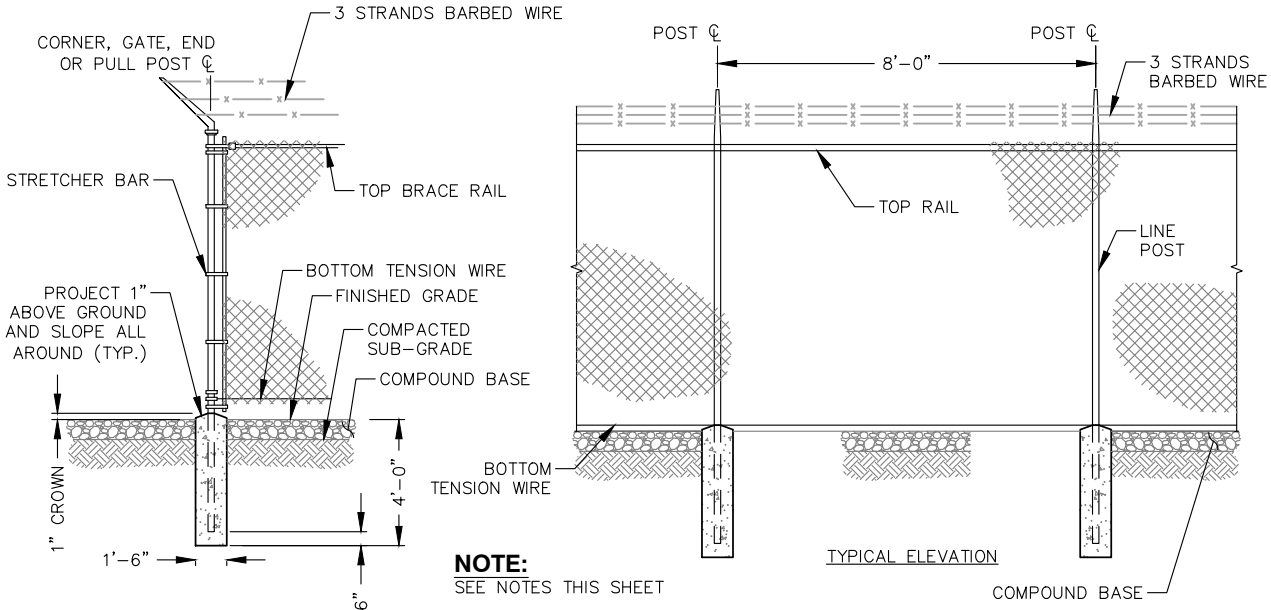
DOUBLE SWING GATE DETAIL

NOT TO SCALE



WOVEN WIRE FENCE DETAIL

NOT TO SCALE



WOVEN WIRE CORNER, GATE, END OR PULL POST DETAIL

NOT TO SCALE



SEAL:

PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS

CARRIER _____

LANDLORD _____

LEASING _____

CONSTRUCTION _____

REVISIONS _____ DATE _____

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: DEJ

DRAWING BY: DEJ

DATE: 06/15/23

TITLE:

FENCE DETAILS

SHEET NUMBER: C-4

JOB/FILE NUMBER: 1562.020

Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\Lake City, FL PCD 2023-06-14.dwg E-1 Jun 15, 2023 10:08am by: djasper

ELECTRICAL INSTALLATION NOTES

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
2. ALL ELECTRICAL EQUIPMENT AND ACCESSORIES SHALL BE U.L. APPROVED OR LISTED.
3. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
4. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
5. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
6. CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
7. EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, ½ INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NE & OSHA.
8. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (IE., PANELBOARD AND CIRCUIT ID’S).
9. PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
10. POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2 OR XHHW-2, STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
11. POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE USE-2 CABLE (314 AWG OR LARGER), 600 V, OIL RESISTANT RHW-2 OR XHHW-2, STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
12. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 90°C.
13. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
14. ELECTRICAL METALLIC TUBING (EMT) OR RIGID METALLIC CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
15. ELECTRICAL METALLIC TUBING (EMT) OR RIGID METALLIC CONDUIT (RMC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
16. RIGID NON-METALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR IN ARES OF HEAVY VEHICLE TRAFFIC, GALVANIZED RIGID CONDUIT SHALL BE USED.
17. ALL OUTDOOR EXPOSED CONDUIT SHALL BE RMC AND SHALL BE SUPPORTED ADEQUATELY.
18. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LTMC) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED. LFMC SHALL CONFORM TO NEC ARTICLE 350.
19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
20. CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
21. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
22. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
23. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
24. NON-METALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
25. CONTRACTOR SHALL APPLY FOR ELECTRICAL SERVICE AS SOON AS POSSIBLE AND COORDINATE REQUIREMENTS, SERVICE ROUTING, AND METER SOCKET TYPE WITH LOCAL POWER COMPANY.

ELECTRICAL INSTALLATION NOTES (CONT.)

26. CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY PERMIT FEES, AND SCHEDULE INSPECTIONS.
27. ALL SAFETY SWITCHES SHALL BE NEMA 1 FOR INDOOR, NEMA 3R FOR OUTDOOR, UL LISTED 200K SCCR RATED, REJECTION TYPE, WITH RK1 FUSES. FUSES SHALL HAVE AN AIR OF 200K AND SHALL HAVE A LIMITING RATING AS SHOWN IN THESE DRAWINGS. EQUIPMENT AND ACCESSORIES SHALL BE RATED FOR 75 DEGREES CELSIUS OR HIGHER.
28. ALL LOAD CENTERS SHALL BE 42 SPACE UNLESS NOTED OTHERWISE, NEMA 1 FOR INDOOR, NEMA 3R FOR OUTDOOR, MCB WITH CONVERTIBLE MAINS, UL LISTED 22K 1A OR HIGHER SCCR, WITH 22K AIR BREAKERS, BREAKERS AND LOAD CENTER SHALL BE RATED FOR 75 DEGREES CELSIUS OR HIGHER. BREAKERS SHALL HAVE A LIMITING RATING AS SPECIFIED ON THESE DRAWINGS.
29. CONTRACTOR SHALL LABEL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC 110.16 AND 110.24.
30. CONTRACTOR SHALL VERIFY THAT THE MAIN BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR IS INSTALLED PROPERLY AT SERVICE ENTRANCE.
31. CONTRACTOR SHALL SEAL AROUND ALL CONDUIT PENETRATIONS TO PREVENT MOISTURE PENETRATION OR VERMIN INFESTATIONS.
32. DURING TRENCH BACK-FILLING FOR EACH UNDERGROUND ELECTRICAL, TELEPHONE, SIGNAL AND COMMUNICATIONS LINE, PROVIDE A CONTINUOUS UNDERGROUND WARNING TAPE TWELVE INCHES BELOW FINISHED GRADE.

GROUNDING NOTES

1. THE VENDOR IS RESPONSIBLE FOR LOCATING ALL EXISTING GROUNDING.
2. THE VENDOR SHALL SUBMIT A DETAILED GROUNDING PLAN TO THE FDOT PROJECT MANAGER FOR REVIEW AND APPROVAL.
3. ALL GROUND RODS SHALL BE 10 FEET LONG, COPPER-CLAD STEEL WITH A MINIMUM DIAMETER OF ⅝".
4. THE INSTALLATION OF GROUND RODS SHALL BE PER THESE SPECIFICATIONS. SPACING BETWEEN GROUND RODS SHALL BE 20 FT. MAXIMUM.
5. #2 AWG TINNED SOLID COPPER WIRE IS REQUIRED FOR ALL ABOVE GROUND AND BELOW-GROUND INSTALLATIONS OF GROUND WIRE, ALL FENCE GATE GROUND CONDUCTORS SHALL BE 2/0 AWG STRANDED WELDING CABLE WITH BLACK INSULATION.
6. GROUND CONDUCTORS SHALL BE DOWNWARD COURSING AND VERTICAL. AS MUCH AS POSSIBLE, AND BE AS SHORT AND STRAIGHT AS PRACTICAL. SHARP BENDS AND MULTIPLE BENDS IN CONDUCTORS SHALL BE AVOIDED IN ALL CASES. THE MINIMUM BEND RADIUS SHALL BE 8" PER NFPA 780.
7. ALL BELOW-GROUND GROUNDING CONNECTIONS SHALL BE EXOTHERMIC BOND CONNECTIONS. ALL BELOW-GROUND GROUNDING CONDUCTORS SHALL BE INSTALLED AT A MINIMUM OF 36" BELOW GRADE.
8. THE VENDOR SHALL CLEAN AND PREPARE ALL GROUND CONDUCTORS AND SURFACES PRIOR TO PERFORMING EXOTHERMIC BONDS. ALL NON- CONDUCTING SURFACE COATINGS SHALL BE REMOVED BEFORE EACH CONNECTION IS MADE.
9. THE VENDOR SHALL INSTALL A GROUND BUS BAR AT THE BASE OF THE EXISTING TOWER PER THESE PLANS. THE GROUND BUS BAR SHALL BE TINNED COPPER, EQUIPPED WITH A #2 AWG TINNED SOLID COPPER WIRE PIGTAIL. THE VENDOR SHALL INSTALL THE GROUND BUS BAR AT A LOWER HEIGHT THAN THE NEW HORIZONTAL TRANSMISSION LINE BRIDGE, BUT NO MORE THAN 2’ BELOW THE HEIGHT OF THE HORIZONTAL TRANSMISSION LINE BRIDGE TRAPEZE ASSEMBLIES. THE GROUND BUS BAR SHALL BE INSULATED FROM THE TOWER STEEL. THE VENDOR SHALL EXOTHERMICALLY BOND THE #2 AWG TINNED SOLID COPPER PIGTAIL OF THE GROUND BUS BAR TO THE TOWER GROUND RING.
10. THE VENDOR SHALL EXOTHERMICALLY BOND ALL HORIZONTAL TRANSMISSION LINE BRIDGE SUPPORT POLES TO THE EXISTING TOWER GROUND RING WITH #2 AWG TINNED SOLID COPPER WIRE.
11. ALL EXOTHERMIC BONDS SHALL BE ONESHOT UNLESS PRE-APPROVED IN WRITING BY THE FDOT PROJECT MANAGER.
12. THE VENDOR SHALL NOT BACKFILL OPENINGS WHERE UNDERGROUND EXOTHERMIC BONDS ARE MADE UNTIL FDOT HAS INSPECTED AND APPROVED THE GROUNDING SYSTEM.



SEAL:

PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS	
CARRIER	_____
LANDLORD	_____
LEASING	_____
CONSTRUCTION	_____
REVISIONS	DATE
_____	_____
_____	_____
_____	_____
_____	_____

ISSUED FOR:	PERMIT/CONSTRUCTION
PROJECT MANAGER:	DEJ
DRAWING BY:	DEJ
DATE:	06/15/23
TITLE:	

ELECTRICAL NOTES

SHEET NUMBER:	E-1
JOB/FILE NUMBER:	1562.020

Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\Lake City, FL PCD 2023-06-14.dwg E-2 Jun 15, 2023 10:08am by: djasper

EXISTING AND
PROPOSED ELECTRICAL
DEMARICATION &
TRANSFORMERS

①

CONDUIT KEY NOTES

- ① PROPOSED METER SOCKET & CONDUIT INSTALLED IN EXISTING ELECTRICAL DEMARICATION. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ② PROPOSED DIRECTIONAL BORE FROM PROPOSED METER TO PROPOSED SHELTER (188± LF). CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ③ (1) PROPOSED 3/4" COATED STEEL PIPING FROM SHELTER TO LP TANK (70± LF). CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ④ (1) PROPOSED 3/4" COATED STEEL PIPING FROM LP TANK TO GENERATOR (65± LF). CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ⑤ (1) PROPOSED 2" CONDUITS WITH LONG RADIUS SWEEPS FOR MICROCOM SATELLITE COXIAL FROM JUNCTION BOX TO SHELTER (64± LF). CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ⑥ (2) PROPOSED 2" CONDUITS WITH LONG RADIUS SWEEPS FOR RADIO BUILDING FROM SHELTER TO JUNCTION BOX (14± LF) WITH NEW PULL BOX. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ⑦ (2) PROPOSED 2" CONDUITS WITH LONG RADIUS SWEEPS FOR RADIO BUILDING FROM SHELTER TO JUNCTION BOX (5± LF). CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ⑧ (2) PROPOSED 2" CONDUITS WITH LONG RADIUS SWEEPS FOR RADIO BUILDING FROM JUNCTION BOX TO RADIO BUILDING (27± LF). CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING.
- ⑨ (1) PROPOSED 3/4" COATED STEEL PIPING FROM TEMPORARY LP TANK TO GENERATOR (38± LF). CONTRACTOR SHALL FIELD VERIFY FINAL ROUTING

EXISTING
PULL BOX

EXISTING
GAS PUMPS

PARKING
LOT

PROPOSED CHAIN
LINK FENCE

PROPOSED 20' GATE

PROPOSED ICE
BRIDGE (13'±)

PROPOSED
JUNCTION BOX

EXISTING MICROCOM
SATELLITE DISH

EXISTING
RADIO BUILDING

NW DOT CIRCLE

EXISTING PATIO

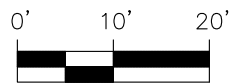
EXISTING
DRAINAGE POND

PROPOSED BOLLARD
TYP. (14)

PROPOSED 1,000
GALLON LP TANK

TEMPORARY 120
GALLON VERTICAL LP
TANK BY OTHERS

GRAPHIC SCALE



(SCALE IN FEET)
11x17 SCALE: 1"=20'
24x36 SCALE: 1"=10'

SITE SERVICE ROUTING PLAN



SEAL:

PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS

CARRIER _____

LANDLORD _____

LEASING _____

CONSTRUCTION _____

REVISIONS _____ DATE _____

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: DEJ

DRAWING BY: DEJ

DATE: 06/15/23

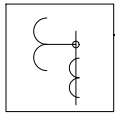
TITLE:

SITE SERVICE
ROUTING PLAN

SHEET NUMBER: E-2

JOB/FILE NUMBER: 1562.020

Drawing name: c:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated Lake City, FL PCD 2023-06-14.dwg E-3 Jun 15, 2023 10:08am by: djasper



GROUNDING KEY NOTES

- (A) EXISTING TOWER GROUND RING
- (B) PROPOSED SHELTER GROUND RING. #2 AWG SOLID TINNED COPPER BARE (36" BELOW GRADE).
- (C) BOND PROPOSED SHELTER GROUND RING TO ~~PROPOSED~~ TOWER GROUND RING (TYP. OF 2 LOCATIONS). THE LOCATIONS OF THE GROUNDS SHOWN HERE ARE FOR CLARITY. IN THE FIELD THE TWO CONNECTIONS BETWEEN THE SHELTER SINGLE POINT GROUND AND EXISTING TOWER GROUND RING SHALL BE MADE DIRECTLY TO THE SHELTER STRAP "SANDWICH" BAR AND AS SHORT AND STRAIGHT AS POSSIBLE RUN DIRECTLY TO THE EXISTING TOWER GROUND RING. A 6"x $\frac{1}{8}$ " FLAT STRAP SHALL BE INSTALLED BETWEEN THE TOWER AND SHELTER GROUND RING. THE COPPER STRAP SHALL BE CONNECTED AT THE "SANDWICH" BAR AT THE SHELTER GROUND RING LOCATION AND TO THE TOWER LEG VIA (2) 2/0 CONNECTIONS POINTS, SEE "GROUNDING CONNECTION DETAIL" ON SHEET E-4
- (D) BOND EACH WAVEGUIDE BRIDGE LEG TO GROUNDING SYSTEM (TYP.)
- (E) PROPOSED ICE BRIDGE GROUND BUSS BAR BONDED TO PROPOSED TOWER GROUND RING (2 LEADS TYP.) GROUND BUS BAR SHALL BE TINNED COPPER, EQUIPPED WITH A #2 AWG TINNED SOLID COPPER WIRE PIGTAIL. THE VENDOR SHALL INSTALL THE GROUND BUS BAR AT A LOWER HEIGHT THAN THE NEW HORIZONTAL TRANSMISSION LINE BRIDGE, BUT NO MORE THAN 2 FT. BELOW THE HEIGHT OF THE HORIZONTAL TRANSMISSION LINE BRIDGE TRAPEZE ASSEMBLIES. THE GROUND BUS BAR SHALL BE INSULATED FROM THE TOWER THE VENDOR SHALL EXOTHERMICALLY BOND THE #2 AWG TINNED SOLID COPPER PIGTAIL OF THE GROUND BUS BAR TO THE TOWER GROUND RING.
- (F) PROPOSED LOWER TOWER GROUND BUSS BAR BONDED TO EXISTING TOWER GROUND RING (2 LEADS TYP.)
- (G) (6) DROPS, (3) PER SIDE, FROM INSIDE SHELTER TO THE EXTERIOR SHELTER GROUND RING.
- (H) BOND PROPANE TANK FEET TO EXISTING GROUND RING
- (I) PROPOSED INTERIOR GROUND BUSS BAR BONDED TO PROPOSED EXTERIOR SHELTER GROUND RING (2 LEADS TYP.)
- (J) PROPOSED EXTERIOR SHELTER GROUND BUSS BAR BONDED TO PROPOSED EXTERIOR SHELTER GROUND RING (2 LEADS TYP.)

NOTES:
1. CONTRACTOR TO INSTALL GROUND RODS AS NEEDED TO PROVIDE RECOMMENDED RESISTIVITY. REFER TO ELECTRICAL & GROUNDING NOTES ON SHEET E-1.
2. **ALL GROUNDING CONDUCTORS ARE #2 AWG SOLID TINNED COPPER WIRE BARE, UNLESS NOTED OTHERWISE.**

LEGEND:

(SEE GROUNDING DETAILS ON SHEET E-4)

- PROPOSED GROUND ROD TEST WELL
- PROPOSED 10"x $\frac{5}{8}$ " COPPER CLAD STEEL GROUND ROD
- PROPOSED EXOTHERMIC WELD
- PROPOSED MECHANICAL GROUND CONNECTION
- PROPOSED GROUND BUSS BAR
- PROPOSED GROUNDING SYSTEM — GRD —
- PROPOSED POWER ROUTING — UG/E —
- PROPOSED TELCO ROUTING — FOC —

Existing

SITE GROUNDING PLAN

GRAPHIC SCALE



(SCALE IN FEET)
11x17 SCALE: 1"=4'
24x36 SCALE: 1"=2'



FL CA 26115
Foresite Group, Inc.
10150 Highland Manor Dr. Suite 210
Tampa, FL 33610
o | 813.549.3250
f | 813.621.3580
w | www.fg-inc.net

SEAL:

PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS

CARRIER _____
LANDLORD _____
LEASING _____
CONSTRUCTION _____

REVISIONS _____ DATE _____

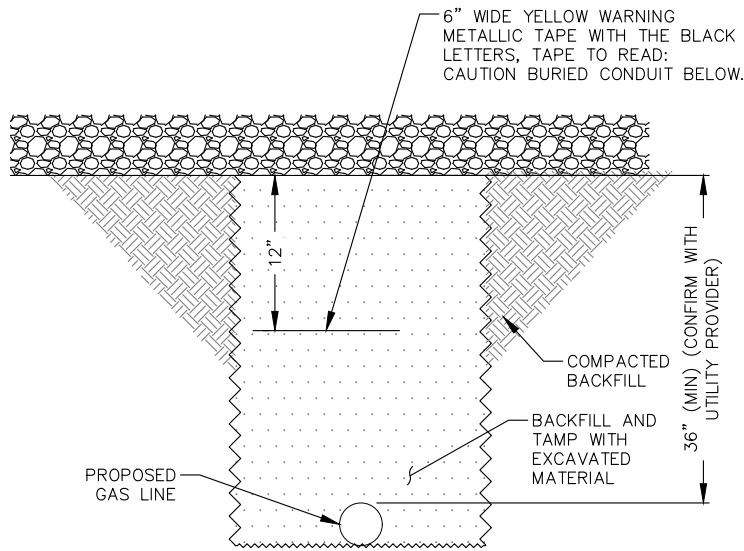
ISSUED FOR: _____ PERMIT/CONSTRUCTION
PROJECT MANAGER: _____ DEJ
DRAWING BY: _____ DEJ
DATE: _____ 06/15/23
TITLE: _____

SITE GROUNDING PLAN

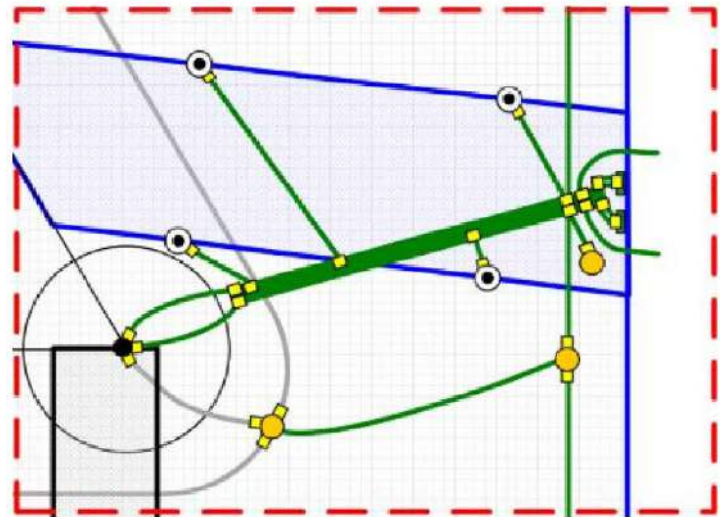
SHEET NUMBER: _____ E-3

JOB/FILE NUMBER: _____ 1562.020

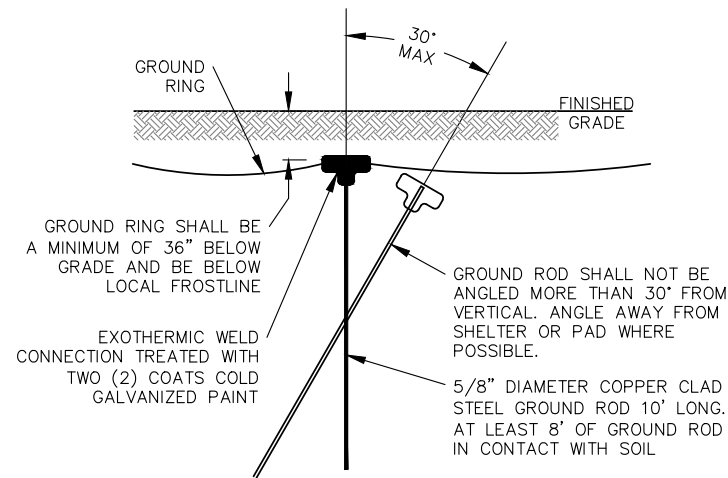
Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\Lake City, FL PCD 2023-06-14.dwg E-4 Jun 15, 2023 10:08am by: djasper



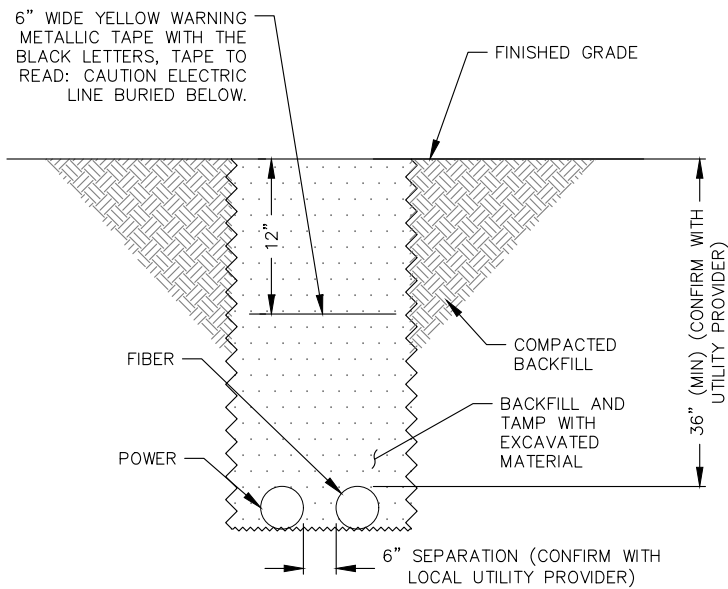
GAS LINE TRENCH DETAIL
NOT TO SCALE



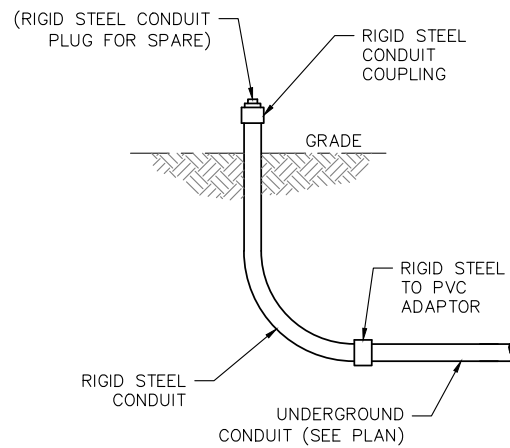
GROUNDING CONNECTION DETAIL
NOT TO SCALE



GROUND ROD DETAIL
NOT TO SCALE

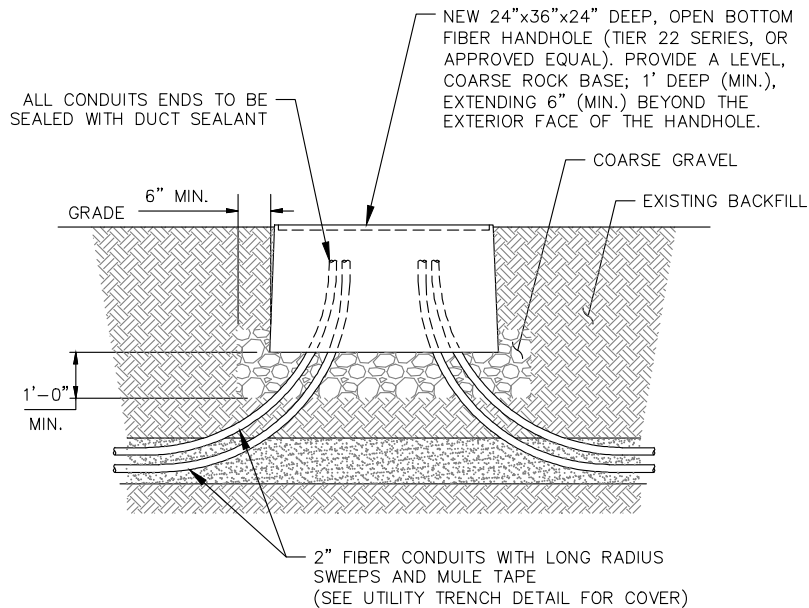


UTILITY TRENCH DETAIL
NOT TO SCALE



UNDERGROUND CONDUIT STUB-UP
NOT TO SCALE

NOTE:
CONSULT WITH FIBER
PROVIDER FOR MINIMUM BEND
RADIUS OF FIBER CABLE.



FIBER HANDHOLE DETAIL
NOT TO SCALE



SEAL:

PROJECT:
**FLORIDA DOT
LAKE CITY DOT**

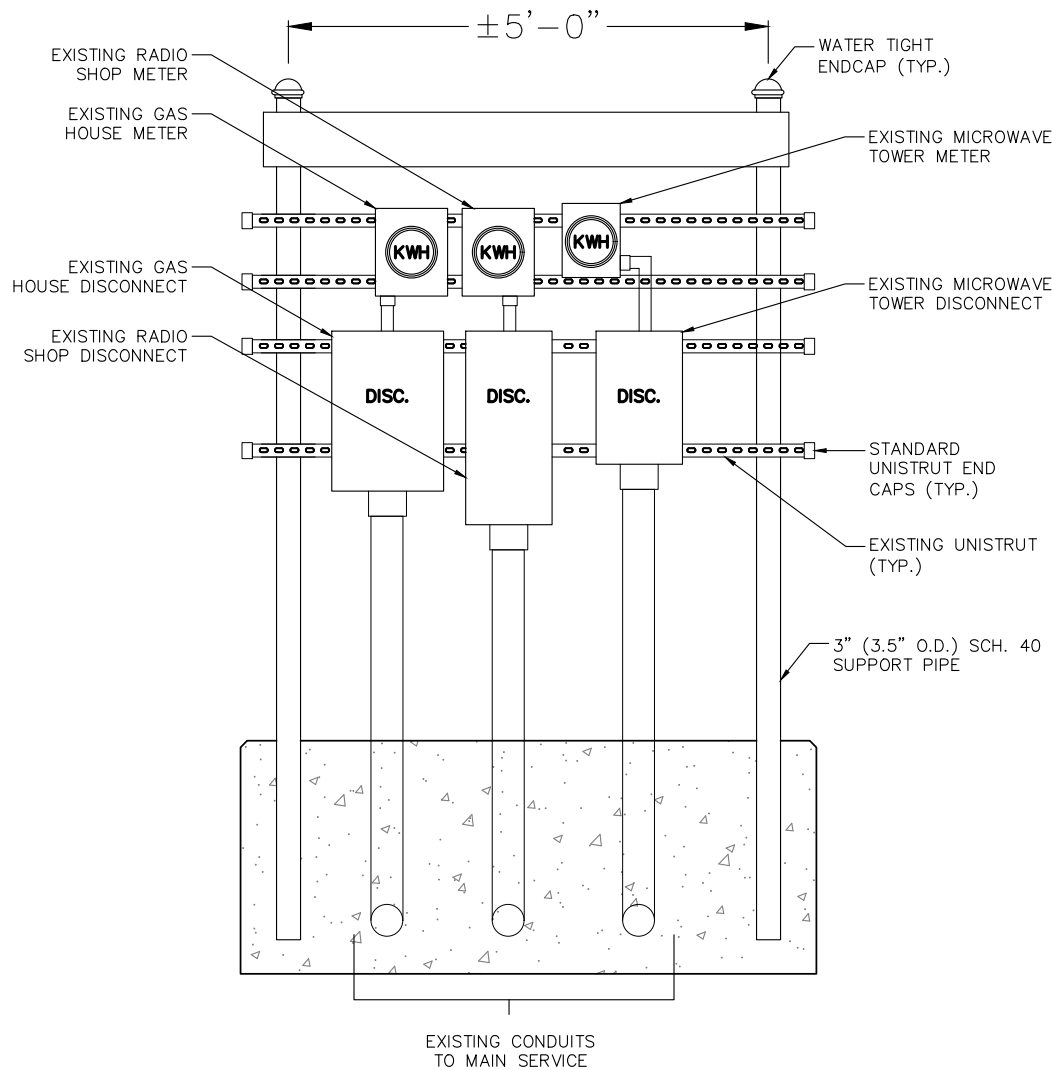
LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS
CARRIER _____
LANDLORD _____
LEASING _____
CONSTRUCTION _____
REVISIONS _____ DATE _____

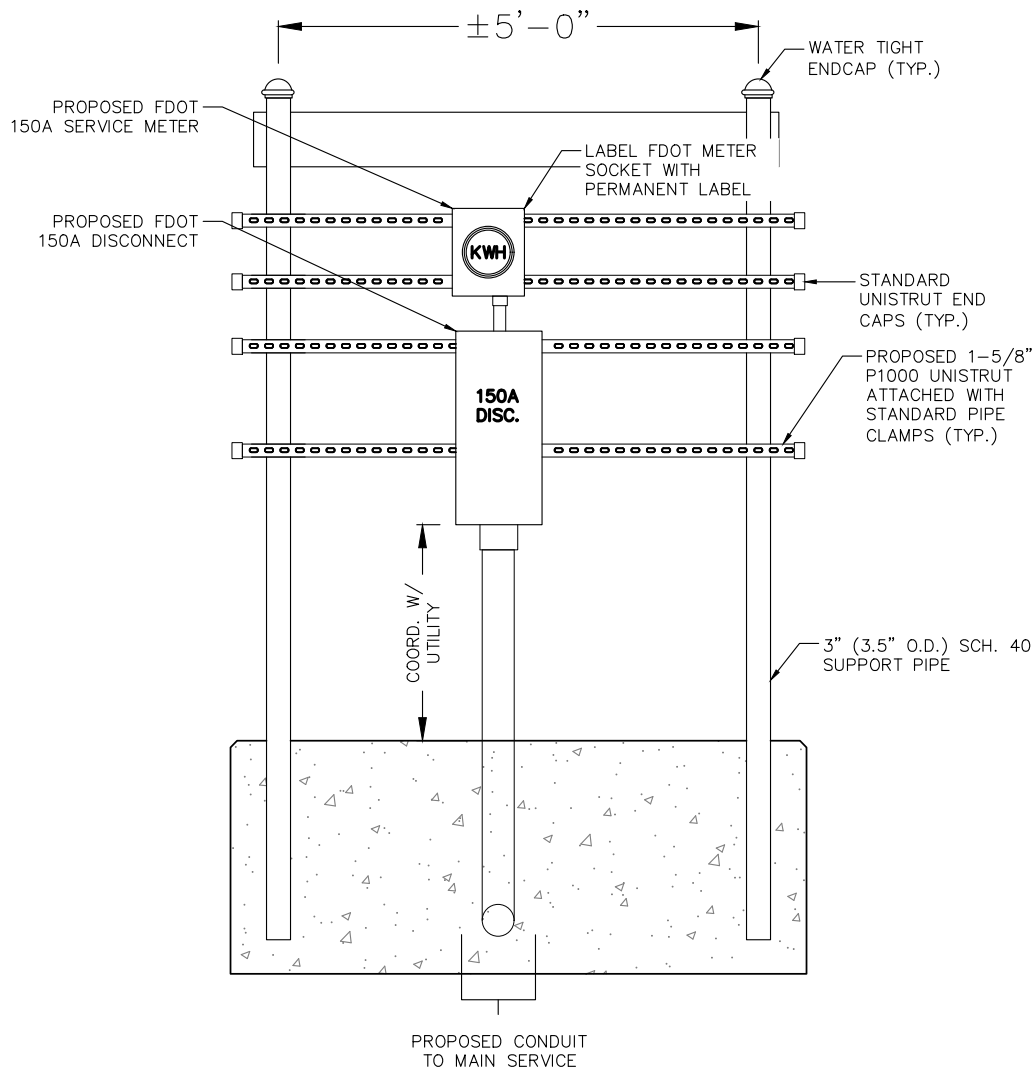
ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: DEJ
DRAWING BY: DEJ
DATE: 06/15/23
TITLE:

CONDUIT &
TRENCHING DETAILS
SHEET NUMBER: E-4
JOB/FILE NUMBER: 1562.020

Drawing name: C:\Users\djasper\AppData\Local\Temp\AcPublish_16936\Updated\Lake City, FL PCD 2023-06-14.dwg E-5 Jun 15, 2023 10:08am by: djasper



EXISTING H-FRAME DETAIL (FRONT)
NOT TO SCALE



PROPOSED H-FRAME DETAIL (BACK)
NOT TO SCALE



SEAL:

PROJECT:

**FLORIDA DOT
LAKE CITY DOT**

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

APPROVALS

CARRIER _____

LANDLORD _____

LEASING _____

CONSTRUCTION _____

REVISIONS _____ DATE _____

ISSUED FOR: _____

PROJECT MANAGER: _____ DEJ

DRAWING BY: _____ DEJ

DATE: _____ 06/15/23

TITLE: _____

H-FRAME DETAILS

SHEET NUMBER: _____ E-5

JOB/FILE NUMBER: _____ 1562.020

Drawing name: C:\Users\GREYNO~1\AppData\Local\Temp\AcPublish_15188\Lake City, FL - Foundation Design Drawings - Rev 1.dwg S-0 Jun 06, 2023 10:12am by: greynolds

GENERAL NOTES

1. ALL REFERENCED STANDARDS REFERRED TO BE ENFORCED AT THE TIME THESE PLANS AND SPECIFICATIONS ARE ISSUED.
2. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED AND INCLUDED IN THE PROJECT.
3. IN THE CASE OF CONFLICTS BETWEEN THE NOTES, DETAILS AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.
4. THE CONTRACTOR SHALL NOT MAKE DEVIATIONS FROM THE DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
5. THE CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS/MEASURES TO PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM DAMAGES. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGES THAT MAY OCCUR DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS REQUIRED BY HIM TO PERFORM HIS WORK BEFORE STARTING CONSTRUCTION.
7. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF CHASES, INSERTS, OPENINGS, SLEEVES, DRIPS, REVEALS, FINISHES, DEPRESSIONS, DOORS, EXPANSION JOINT MATERIAL AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS.
8. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTIONS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL AND ALL OTHER CONTRACT DRAWINGS RELATED TO OTHER TRADES. THE CONTRACTOR IS RESPONSIBLE TO CHECK AND COORDINATE DIMENSIONS, CLEARANCES, ETC., WITH THE WORK OF OTHER TRADES.
9. JOB SAFETY, CONSTRUCTION PROCEDURES AND CONSTRUCTION MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
10. COMPLETE SHOP DRAWINGS FOR CONSTRUCTION OF ALL APPLICABLE SPECIALTY ITEMS INCLUDING BUT NOT LIMITED TO CURTAINWALL GLAZING SYSTEMS AND LIGHTGAUGE STEEL FRAMING SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF KANSAS AND SHALL BE AVAILABLE AT THE JOB SITE DURING THE TIMES OF INSPECTION.
11. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE ENGINEER.

FOUNDATION

1. THE ALLOWABLE BEARING PRESSURE USED IN DESIGN OF THE SHALLOW FOUNDATION IS 2,000 PSF ACCORDING TO GEOTECHNICAL REPORT PREPARED BY CAL-TECH TESTING, INC., DATED JULY 24, 2022.
2. SITE PREPARATION NOTES FROM GEOTECH REPORT:
THE SITE PREPARATION WORK SHOULD CONSIST OF THE COMPLETE REMOVAL OF ANY TOPSOIL AND DEMOLITION OF THE EXISTING FOUNDATIONS AND UNDERGROUND UTILITIES WITH SUBSEQUENT PROOF-ROLLING OF THE RESULTING GRADES WITH SEVERAL PASSES OF A VIBRATORY ROLLER.

AFTER PROOF-ROLLING, GRADES COULD BE LEVELED AND RAISED, IF REQUIRED, TO THE PROPOSED FINISH FLOOR ELEVATIONS WITH APPROVED FILL PLACED IN MAXIMUM 12-IN LIFTS AND EACH LIFT COMPACTED TO AT LEAST 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY (ASTM D1557).

AFTER EXCAVATION OF THE NEW SHELTER FOOTINGS AND TANK CONCRETE PAD, THE SUBGRADE UPPER 12 INCHES SHOULD BE COMPACTED TO AT LEAST 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY (ASTM D1557).
3. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SUBSURFACE AND EXISTING CONDITIONS BEFORE COMMENCING WORK.
4. ALL CONCRETE SHALL BE CONTROLLED CONCRETE AND ALL CONCRETING PRACTICES SHALL CONFORM WITH ACI-318, "AMERICAN CONCRETE INSTITUTE, BUILDING CODE FOR REINFORCED CONCRETE." CONCRETE DETAILS SHALL BE IN ACCORDANCE WITH ACI-135, "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" UNLESS OTHERWISE NOTED ON THE DRAWINGS. CONCRETE TESTS FOR THE PRELIMINARY DESIGN MIX PREPARED BY AN APPROVED LABORATORY MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PLACE NO CONCRETE WITHOUT THE APPROVED DESIGN MIX.
5. UNLESS OTHERWISE NOTED ON PLAN, ALL CONCRETE SHALL BE NORMAL WEIGHT WITH 28 DAYS COMPRESSIVE STRENGTH AS FOLLOWS:

A. FOOTINGS	4,000 PSI
B. CONCRETE SLAB ON GRADE	4,000 PSI
6. ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE ADDITIONAL BARS OR STIRRUPS NECESSARY TO SUPPORT ALL BARS AS REQUIRED TO COMPLETE HIS WORK.
7. UNLESS OTHERWISE NOTED ON STRUCTURAL DRAWINGS, PROVIDE MINIMUM CONCRETE COVER FOR REINFORCING BARS AS FOLLOWS:
8. GROUT SHALL BE NON-METALLIC NO SHRINK WITH A MINIMUM STRENGTH OF 5,000 PSI AT 28 DAYS.

CODE/DESIGN CRITERIA

1. STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE FOLLOWING:
•2020 FLORIDA BUILDING CODE, 7th EDITION
2. WIND LOADS:
•BASIC DESIGN WIND SPEED = 133 MPH
•RISK CATEGORY: IV
•EXPOSURE C
•INTERNAL PRESSURE COEFFICIENT = +/- 0.18
3. GRAVITY LOADS:
•SHELTER SELF-WEIGHT
•GROUND EQUIPMENT INCLUDING BATTERIES
•GENERATOR

REINFORCEMENT

1. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 (fy=60,000 PSI) ALL REINFORCING TO BE WELDED SHALL CONFORM TO ASTM A-706. THE REINFORCING BARS SUPPLIER SHALL PROVIDE THE ENGINEER WITH AN AFFIDAVIT OF THE PRODUCER OF STEEL CERTIFYING THAT THE STEEL MEETS THE REQUIREMENTS OF THE ASTM.
2. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND HAVE MINIMUM SIDE AND END LAPS OF 8".
3. SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE REINFORCING BAR SIZES AND PLACEMENT. WRITTEN DESCRIPTION OF REINFORCEMENT WITHOUT ADEQUATE SECTIONS, ELEVATIONS, AND DETAILS IS NOT ACCEPTABLE.
4. SPLICES SHALL BE CLASS B IN ACCORDANCE WITH ACI 318, UNLESS NOTED OTHERWISE. REINFORCEMENT SHALL BE SPLICED ONLY AT LOCATIONS SHOWN OR NOTED IN THE STRUCTURAL DOCUMENTS, EXCEPT REINFORCEMENT MARKED "CONTINUOUS" CAN BE SPLICED AT LOCATIONS DETERMINED BY CONTRACTOR. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE COR.
5. REINFORCING STEEL DESIGNATED CONTINUOUS SHALL BE LAPPED AS FOLLOWS:

•CONCRETE REINFORCEMENT: CLASS B TENSION LAP
6. PROVIDE DOWELS FROM FOUNDATIONS THE SAME SIZE AND NUMBER AS THE VERTICAL WALL OR PEDESTAL REINFORCING, UNLESS NOTED OTHERWISE.
7. PLACE REINFORCEMENT AS FOLLOWS, UNLESS NOTED OTHERWISE:

7.1 CONCRETE REINFORCEMENT COVER

EXPOSED TO EARTH OR WEATHER:
•UNFORMED CAST AGAINST EARTH 3" CLEAR
•FORMED #6 AND LARGER 2" CLEAR
•FORMED #5 AND SMALLER 1-1/2" CLEAR

NOT EXPOSED TO EARTH OR WEATHER:
•SLABS 3/4" CLEAR
8. ADHESIVE FOR REINFORCING DOWELS IN EXISTING CONCRETE SHALL CONFORM TO ASTM C881-02, TYPE IV, GRADE 3, CLASS A, B, & C EXCEPT GEL TIMES AND EPOXY CONTENT. ADHESIVE SHALL CONSIST OF A TWO COMPONENT ADHESIVE SYSTEM CONTAINED IN SIDE BY SIDE PACKAGING CONNECTED TO A MIXING NOZZLE WHICH THOROUGHLY MIXES THE COMPONENTS AS IT IS INJECTED INTO THE HOLE. ADHESIVE SHALL HAVE PASSED ICC EVALUATION SERVICES, INC (ICC-ES) ACCEPTANCE CRITERIA 308 FOR LONG TERM CREEP. REINFORCING INSTALLED IN CONCRETE THAT MAY BECOME CRACKED UNDER SERVICE LOADS SHALL BE EVALUATED BY ICC-ES ACCEPTANCE CRITERIA 308 AND BE SPECIFICALLY APPROVED FOR USE IN CRACKED CONCRETE. CONTACT COR FOR DETERMINATION OF CRACKED OR UNCRACKED CONCRETE CONDITION UNLESS CONDITION IS NOTED ON THE DRAWINGS. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. MINIMUM EMBEDMENT LENGTH SHALL BE 12 BAR DIAMETERS, UNLESS NOTED OTHERWISE.

CAST-IN-PLACE CONCRETE

1. CONCRETE WORK SHALL CONFORM TO ACI 318 AND CRSI STANDARDS.
2. CONCRETE SHALL HAVE THE FOLLOWING MINIMUM SPECIFIED 28-DAY COMPRESSIVE STRENGTH:

2.1 NORMAL WEIGHT STRUCTURAL CONCRETE:

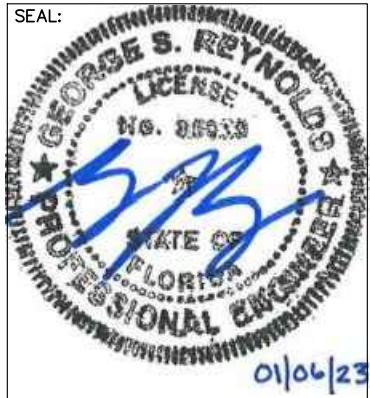
•FOUNDATION 4,000 PSI
3. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS.
4. CONCRETE MIX DESIGN FOR 4000 PSI CONCRETE SHALL BE BASED ON A MAXIMUM AGGREGATE SIZE OF 1 IN. MAXIMUM WATER/CEMENT RATIO OF .58 FOR NON-AIR-ENTRAINED CONCRETE AND .46 FOR AIR-ENTRAINED CONCRETE AND A MAXIMUM SLUMP OF 4 IN. AIR ENTRAINED CONCRETE SHALL BE USED FOR EXTERIOR EXPOSED CONCRETE WITH AN AIR CONTENT BETWEEN 5.5 AND 7.5 PERCENT.
5. CONCRETE SHALL BE TESTED IN ACCORDANCE WITH ACI 301 AND THE SPECIFICATIONS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. AT A MINIMUM CONCRETE SPECIMENS SHALL BE TAKEN FOR EVERY 100 YARDS OR PORTION THEREOF FOR EACH MIX DESIGN PLACED IN A DAY. CONCRETE TEST REPORTS SHALL BE AVAILABLE ON SITE FOR INSPECTION.
6. UNLESS NOTED OTHERWISE, ALL REINFORCING SHALL BE CONTACT LAP SPLICED WITH A CLASS B SPLICE IN ACCORDANCE WITH ACI 318. FOR BARS WITH MINIMUM COVER AND SPACING GREATER THAN 2db AND 3db RESPECTIVELY, THE MINIMUM SPLICE LENGTH OF NOT LESS THAN 48db (db=BAR DIAMETER) SHALL BE USED. SPLICE LENGTHS SHALL BE INCREASED BY A FACTOR OF 1.3 FOR TOP REINFORCEMENT. LAP WELDED WIRE FABRIC (WWF) ONE SPACE PLUS 2 IN. ON ALL SIDES AT SPLICES.

FORESITE
group

Foresite Group, LLC
3740 Davinci Ct.
Suite 100
Peachtree Corners, GA 30092
w | www.fg-inc.net
o | 770.368.1399
f | 770.368.1944



SEAL:



PROJECT:

FLORIDA DOT
LAKE CITY DOT

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

NEW COMM SHELTER INSTALLATION

CARRIER:



REVISIONS	DATE
A PER COMMENTS	01/06/23

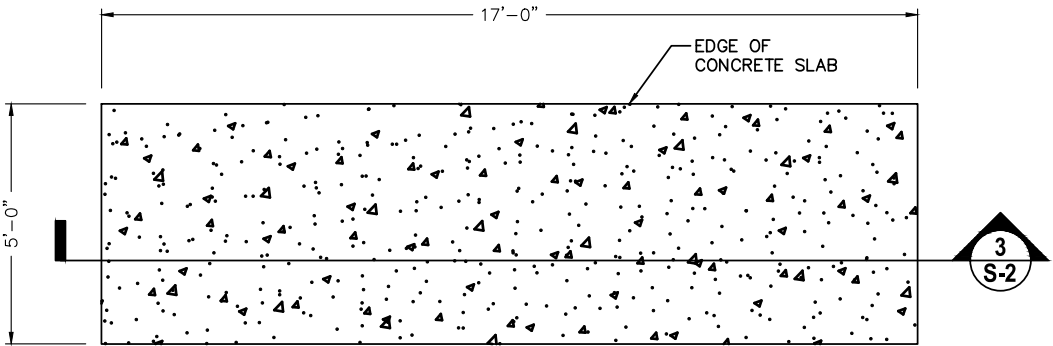
ISSUED FOR:	FOR CONSTRUCTION
PROJECT MANAGER:	DEJ
DRAWING BY:	GSR
DATE:	11/01/2022
TITLE:	

STRUCTURAL
NOTES

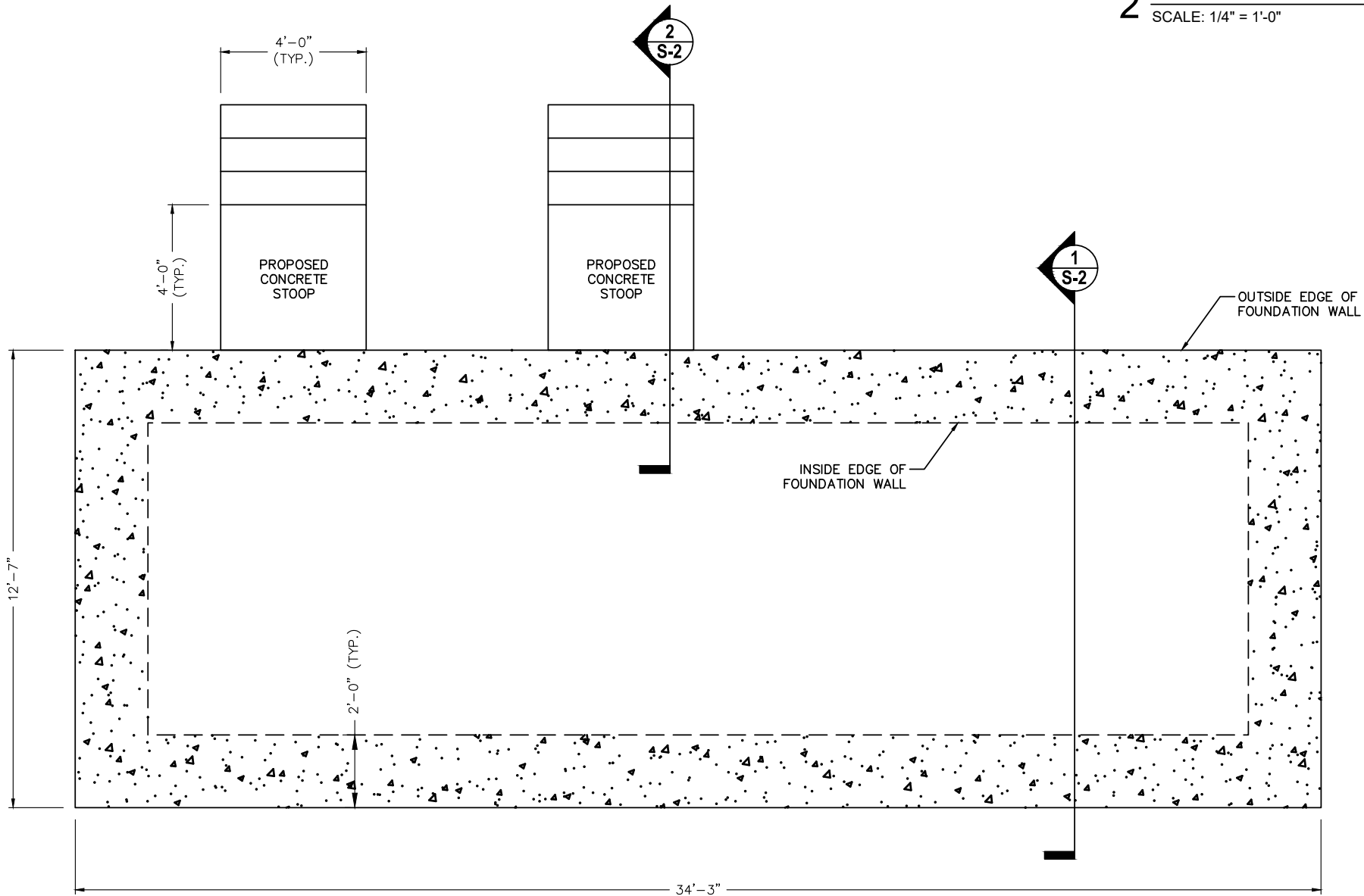
SHEET NUMBER:	S-0
JOB/FILE NUMBER:	1562.020

Drawing name: C:\Users\GREYNOO-1\AppData\Local\Temp\AcPublish_15188\Lake City, FL - Foundation Design Drawings - Rev 1.dwg S-1 Jan 06, 2023 10:12am by: greyolds

SEE CONSTRUCTION DRAWINGS PREPARED BY
FORESITE GROUP FOR LAND DEVELOPMENT
PLANS AND DETAILS. NO SURVEY WAS
PROVIDED FOR THIS DESIGN. IF DISCREPANCIES
ARE DISCOVERED IN THE FIELD CONTRACTOR
TO CONTACT EOR IMMEDIATELY.



2 LP TANK CONCRETE FOUNDATION
SCALE: 1/4" = 1'-0"



1 SHELTER CONCRETE FOUNDATION
SCALE: 1/4" = 1'-0"

TRUE NORTH

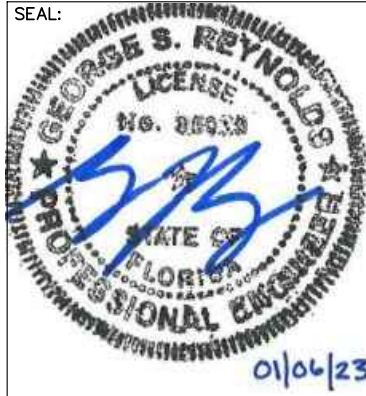
FORESITE
group

Foresite Group, LLC
3740 Davinci Ct.
Suite 100
Peachtree Corners, GA 30092

www.fg-inc.net
770.368.1399
770.368.1944

LEVEL-UP
TOWERS

SEAL:



PROJECT:

**FLORIDA DOT
LAKE CITY DOT**

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

NEW COMM SHELTER INSTALLATION

CARRIER:



REVISIONS	DATE
PER COMMENTS	01/06/23

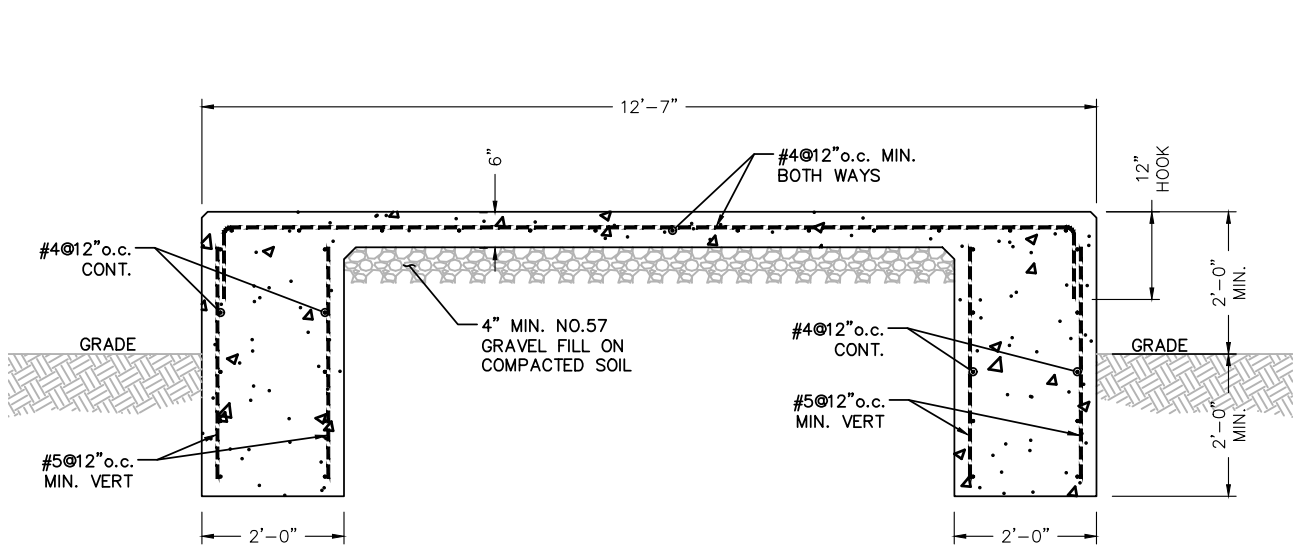
ISSUED FOR:	FOR CONSTRUCTION
PROJECT MANAGER:	DEJ
DRAWING BY:	GSR
DATE:	11/01/2022
TITLE:	

SHELTER
FOUNDATION PLAN

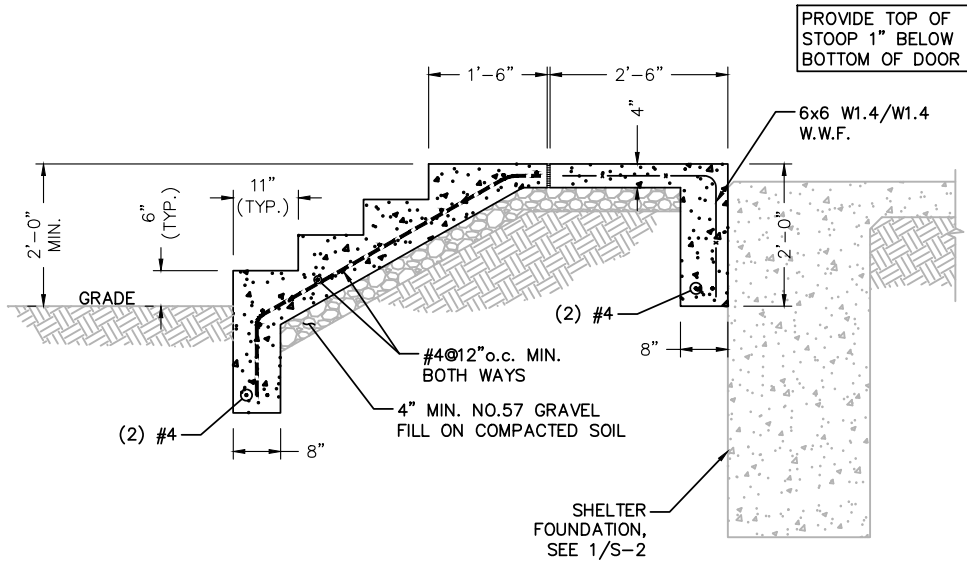
SHEET NUMBER: S-1

JOB/FILE NUMBER: 1562.020

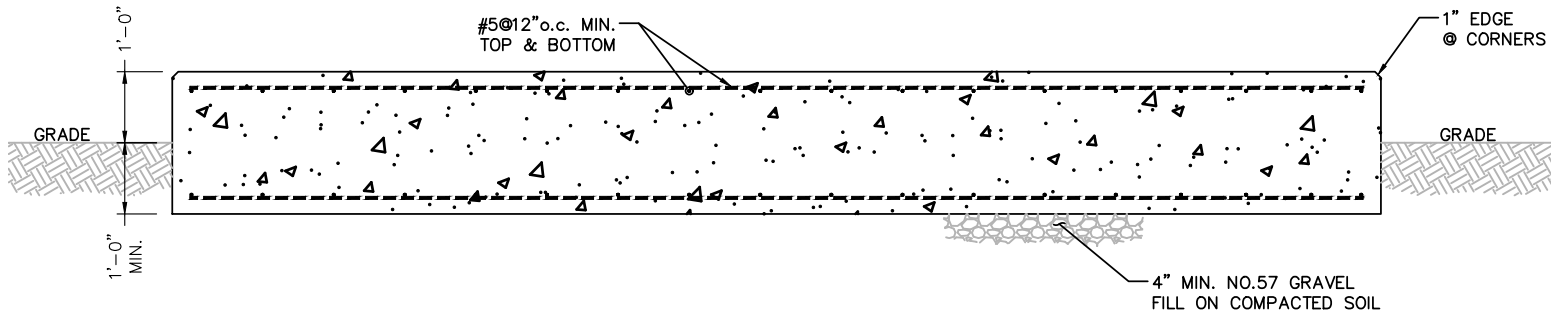
Drawing name: C:\Users\GREYNOO-1\AppData\Local\Temp\AcPublish_15188\Lake City, FL - Foundation Design Drawings - Rev 1.dwg S-2 Jan 06, 2023 10:12am by: greynolds



1 SHELTER FOUNDATION SECTION
SCALE: 3/8" = 1'-0"



2 STOOP FOUNDATION SECTION
SCALE: 3/8" = 1'-0"



3 LP TANK FOUNDATION SECTION
SCALE: 3/8" = 1'-0"

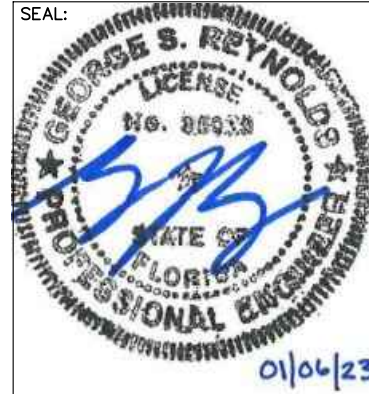
FORESITE
group

Foresite Group, LLC
3740 Davinci Ct.
Suite 100
Peachtree Corners, GA 30092

www.fg-inc.net
770.368.1399
770.368.1944

LEVEL-UP
TOWERS

SEAL:



PROJECT:

**FLORIDA DOT
LAKE CITY DOT**

LOCATED AT:
682 NW LAKE JEFFERY ROAD
LAKE CITY, FL 32055

NEW COMM SHELTER INSTALLATION

CARRIER:



REVISIONS	DATE
PER COMMENTS	01/06/23

ISSUED FOR:	FOR CONSTRUCTION
PROJECT MANAGER:	DEJ
DRAWING BY:	GSR
DATE:	11/01/2022
TITLE:	

SECTIONS AND DETAILS

SHEET NUMBER: S-2

JOB/FILE NUMBER: 1562.020