

# DRIVING DIRECTIONS ~DEPART FROM JACKSONVILLE INTERNATIONAL AIRPORT: ~GET ON I-295 S ~TAKE EXIT 21B FOR I-10 W ~TAKE EXIT 324 FOR US-90 TOWARD SANDERSON ~HEAD WEST ON US-90 W ~HEAD SOUTH ON PRICE CREEK RD ~SITE IS ON EAST SIDE OF ROAD

	1	
DEPARTMENT	NAME/SIGNATURE	DATE
LAND/TOWER OWNER		
SITE ACQU. AGENT		
ZONING/PERMITTING AGENT		
A&E MANAGER		
CONSTRUCTION MANAGER		
RF MANAGER		

## PREPARED FOR:





PROJECT DESCRIPTION: **RAW LAND NSB** 

SITE NAME:

**EBENEZER VERTICAL BRIDGE DEVLOPMENT, LLC SITE ID:** US-FL-5391



Know what's **below Call** before you dig www.callsunshine.com

\* \* \* C A U T I O N \* \* \*

FOR EMERGENCIES CALL: 911

# **PROJECT INFORMATION**

SITE ADDRESS: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

LATITUDE: 30° 06' 10.79" N (NAD 83) 82° 34' 26.95" W (NAD 83) LONGITUDE:

PARCEL ID: 36-4S-17-09045-000

COLUMBIA COUNTY JURISDICITON: BERTIE D PURSLEY PROPERTY OWNER:

VERTICAL BRIDGE DEVELOPMENT, LLC 750 PARK OF COMMERCE DR.STE 200 BOCA RATON, FL 33487 APPLICANT:

FORESITE GROUP, LLC 10150 HIGHLAND MANOR DR #210 TAMPA, FL 33610

CLAY ELECTRIC CO-OP POWER

(386)-752-7447

CENTURY LINK TELCO: (352)-430-2255

DESIGN DATA:

FNGINFFR:

DESIGN CODE: FLORIDA BUILDING CODE,

7TH EDITION (2020) (FBC) & TIA/EIA 222-H (TIA)

WIND SPEED: EXPOSURE CATEGORY: 120 MPH

RISK CATEGORY:

II (TIA STRUCTURAL CATEGORY II)

# CHEET INDEX

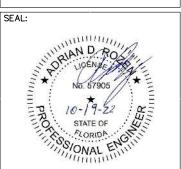
	SHEET INDEX	
SHEET	DESCRIPTION	REV.
T-1	TITLE SHEET	2
T-2	CONSTRUCTION NOTES	2
T-3	SITE SIGNAGE	2
V-1	SURVEY	2
V-2	SURVEY	2
C-1	OVERALL SITE PLAN	2
C-1.1	CATTLE GATE DETAIL	2
C-2	ENLARGED SITE PLAN	2
C-3	GRADING & EROSION CONTROL PLAN	2
C-3.1	GRADING & EROSION CONTROL PLAN	2
C-3.2	DRAINAGE & EROSION CONTROL DETAILS	2
C-4	EQUIPMENT DETAILS	2
C-5	TOWER ELEVATION & ANTENNA ORIENTATION	2
C-6	FOUNDATION & ACCESS DRIVE DETAILS	2
C-7	ICE BRIDGE DETAILS	2
C-8	FENCE DETAILS	2
C-9	GENERATOR DETAILS	2
E-1	ELECTRICAL NOTES	2
E-2	ONE-LINE DIAGRAM & PANEL SCHEDULE	2
E-3	SITE SERVICE ROUTING & COMPOUND GROUNDING PLAN	2
E-4	SITE SERVICE ROUTING & EQUIPMENT GROUNDING PLAN	2
E-5	GROUNDING & CONDUIT DETAILS	2
E-6	GROUNDING DETAILS	2
E-7	GROUNDING DETAILS	2
E-8	UTILITY H-FRAME DETAILS	2







o | 813.549.3250 f | 813.621.3580 Tampa, FL 33610



**EBENEZER** US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

CARRIER LANDLORD LEASING CONSTRUCTION

REVISIONS REV. 1 REVISED SURVEY 03/17/20 10/19/22 REV. 2 FBC CODE UPDATE

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20 TITLE:

TITLE SHEET

SHEET NUMBER: JOB/FILE NUMBER: 1304.002

#### **GENERAL NOTES:**

1. FOR THE PURPOSE OF THE CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:

> CONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION) TOWER OWNER - VERTICAL BRIDGE

- 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
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES, CONTRACTOR SHALL ISSUE 3. ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
- ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, 5. EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE 6. WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY
- CONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER, FIBER, AND GROUNDING CABLES SHOWN ON THE POWER & GROUNDING DRAWINGS.
- 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 SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY.
- 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 GENERAL 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.
- 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.
- 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. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION 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 PERSONSAND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION 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 INSTALL ATION.

#### SITE WORK GENERAL NOTES:

- THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
- 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.
- ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND PROJECT 3. SPECIFICATIONS.
- IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- 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 UTILITIES.
- THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL 6. SPECIFICATION FOR SITE SIGNAGE.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT AND TOWER AREAS.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN 8. MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- 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 PROJECT SPECIFICATIONS.
- 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.

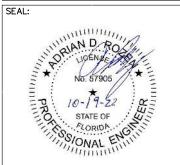
#### STRUCTURAL STEEL NOTES:

- 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.
- BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.

# vertical bridge



10150 Highland Manor Dr. **o** | 813.549.3250 Suite 210 **f** | 813.621.3580 Tampa, FL 33610 w | www.fg-inc.net



PROJECT: EBENEZER US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS		
CARRIER		
LANDLORD		
LEASING		
CONSTRUCTION		
REVISIONS DAT		
REV. 1 REVISED SURVEY	03/17/20	
REV. 2 FBC CODE UPDATE	10/19/22	

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20

TITLE:

CONSTRUCTION NOTES

1304.002

SHEET NUMBER: JOB/FILE NUMBER:

CONCRETE AND REINFORCING STEEL NOTES:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 301, ACI 318, ACI 336,
- 2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 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"
- 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.
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

CONCRETE CAST AGAINST EARTH... CONCRETE EXPOSED TO EARTH OR WEATHER: #6 AND LARGER... #5 AND SMALLER & WWF CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND: BEAMS AND COLUMNS... .....11%

- 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.
- 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
- 10. FOUNDATION INSTALLER SHALL INSURE THAT ALL PROTRUDING THREADS OF PROPOSED ANCHOR BOLTS SHALL BE MAINTAINED CLEAN AND FREE OF CONCRETE.
- 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



VERTICAL BRIDGE-SITE ID SIGN

NO TRESPASSING



RF EXPOSURE CAUTION SIGN



12"

FCC REGISTRATION SIGN
WHITE/GREEN BACKGROUND, WHITE/BLACK LETTERING.
MOUNTING LOCATION: GATE & BASE OF TOWER.
QUANTITY: 2

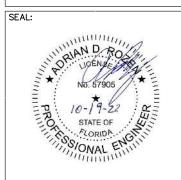




# FLCA 26115 Foresite Group, LLC

Foresite Group, LLC
10150 Highland Manor Dr.
Suite 210
Tampa, FL 33610

V | www.fg-inc.net



EBENEZER
US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_

CONSTRUCTION \_\_\_\_\_

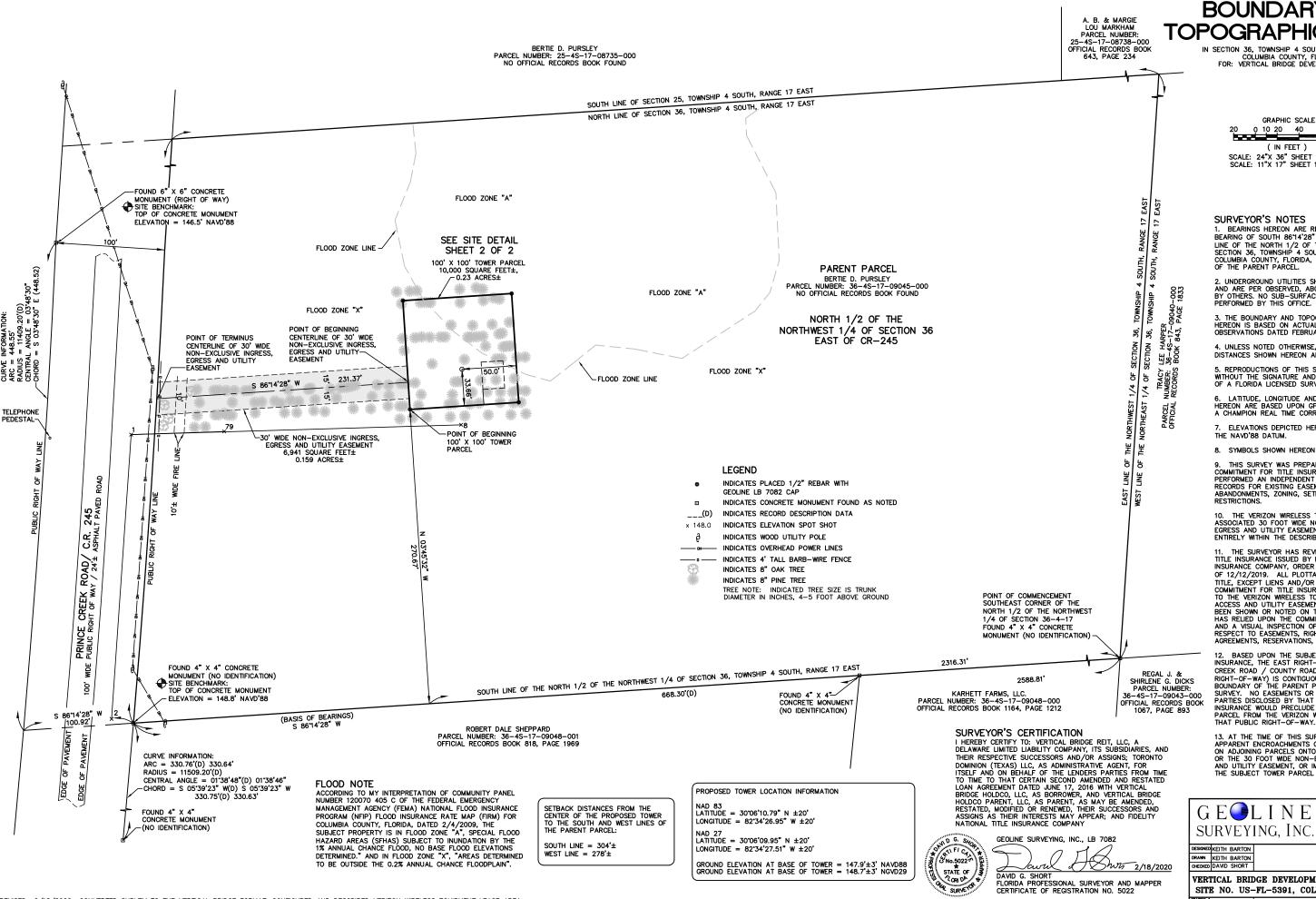
REV. 1 REVISED SURVEY 03/17/20
REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

SITE SIGNAGE

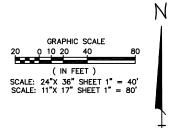
SHEET NUMBER: T-3

JOB/FILE NUMBER: 1304.002



**BOUNDARY AND** TOPOGRAPHIC SURVEY

IN SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA FOR: VERTICAL BRIDGE DEVELOPMENT, LLC



- 1. BEARINGS HEREON ARE REFERENCED TO THE ASSUMED 1. BEARINGS HERCUN ARE REFERENCED TO THE ASSUMED BEARING OF SOUTH 86°14'28' WEST ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, ALSO BEING THE SOUTH LINE OF THE PARENT PARCEL.
- 2. UNDERGROUND UTILITIES SHOWN HEREON ARE LIMITED TO AND ARE PER OBSERVED, ABOVEGROUND INDICATIONS SET BY OTHERS. NO SUB-SURFACE INVESTIGATION WAS PERFORMED BY THIS OFFICE.
- 3. THE BOUNDARY AND TOPOGRAPHIC SURVEY SHOWN HEREON IS BASED ON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS DATED FEBRUARY 22, 2018.
- 4. UNLESS NOTED OTHERWISE, ALL BEARINGS AND DISTANCES SHOWN HEREON ARE MEASURED (M).
- 5. REPRODUCTIONS OF THIS SKETCH ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- 6. LATITUDE, LONGITUDE AND ELEVATIONS DEPICTED HEREON ARE BASED UPON GPS OBSERVATIONS MADE WITH A CHAMPION REAL TIME CORRECTED GPS SYSTEM.
- 7. ELEVATIONS DEPICTED HEREON ARE REFERENCED TO
- 8. SYMBOLS SHOWN HEREON ARE NOT TO SCALE.
- 9. THIS SURVEY WAS PREPARED WITH THE BENEFIT OF A COMMITMENT FOR TITLE INSURANCE. THIS OFFICE HAS NOT PERFORMED AN INDEPENDENT SEARCH OF THE PUBLIC RECORDS FOR EXISTING EASEMENTS, RICHTS—OF—WAY, ABANDONMENTS, ZONING, SETBACKS OR DEED
- 10. THE VERIZON WIRELESS TOWER PARCEL AND THE ASSOCIATED 30 FOOT WIDE NON-EXCLUSIVE INGRESS, EGRESS AND UTILITY EASEMENT SHOWN IN THIS SURVEY LIE ENTIRELY WITHIN THE DESCRIBED PARENT PARCEL.
- 11. THE SURVEYOR HAS REVIEWED THE COMMITMENT FOR TITLE INSURANCE ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, ORDER NO. 30538684, WITH A DATE OF 12/12/2019. ALL PLOTTABLE MATTERS OF RECORD TITLE, EXCEPT LIENS AND/OR LEASES, IDENTIFIED IN THAT COMMITMENT FOR TITLE INSURANCE THAT ARE PERTINENT TO THE VERIZON WIRELESS TOWER PARCEL, AND ITS TO THE VERIZON WIRELESS TOWER PARCEL, AND ITS ACCESS AND UTILITY EASEMENTS, IF APPLICABLE, HAVE BEEN SHOWN OR NOTED ON THE SURVEY. THE SURVEYOR HAS RELIED UPON THE COMMITMENT FOR TILE INSURANCE AND A VISUAL INSPECTION OF THE PROPERTY WITH RESPECT TO EASEMENTS, RIGHTS-OF-WAY, SETBACK LINES, AGREEMENTS, RESERVATIONS, AND OTHER SIMILAR MATTERS.
- 12. BASED UPON THE SUBJECT COMMITMENT FOR TITLE INSURANCE, THE EAST RIGHT-OF-WAY LINE OF PRINCE CREEK ROAD / COUNTY ROAD 245 (A PUBLIC RIGHT-OF-WAY) IS CONTIGUOUS WITH THE WESTERLY
  BOUNDARY OF THE PARENT PARCEL DESCRIBED IN THIS SURVEY. NO EASEMENTS OR OTHER RIGHTS OF THIRD PARTIES DISCLOSED BY THAT COMMITMENT FOR TITLE INSURANCE WOULD PRECLUDE ACCESS OVER THE PARENT PARCEL FROM THE VERIZON WIRELESS TOWER PARCEL TO
- 13. AT THE TIME OF THIS SURVEY, THERE WERE NO 13. AI THE TIME OF THIS SURVEY, THERE WERE NO APPARENT ENCROACHMENTS OF IMPROVEMENTS LOCATED ON ADJOINING PARCELS ONTO THE SUBJECT TOWER PARCEL OR THE 30 FOOT WIDE NON-EXCLUSIVE INGRESS, EGRESS AND UTILITY EASEMENT, OR IMPROVEMENTS LOCATED ON THE SUBJECT TOWER PARCEL ONTO ADJOINING PARCELS.



Professional Land Surveyors 13430 NW 104th Terrace, Suite Alachua, Florida 32615 (386)418.0500 Fax: (386)462-9986 geoline@geolineinc.com

SCALE AS SHOWN DATE FEBRUARY 22, 2012 PROJECT # 276-206

VERTICAL BRIDGE DEVELOPMENT, LLC EBENEZER SITE

SITE NO. US-FL-5391, COLUMBIA COUNTY, FLORIDA RAWING # 276−206

REVISED 2/18/2020 CONVERTED SURVEY TO THE VERTICAL BRIDGE FORMAT. CONFIGURED AND DESCRIBED VERIZON WIRELESS EQUIPMENT LEASE AREA

#### COMMITMENT FOR TITLE INSURANCE REVIEW NOTE

I HAVE REVIEWED THE COMMITMENT FOR TITLE INSURANCE PREPARED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, ORDER NO. 30538684, WITH A DATE OF 12/12/2019, AND FIND AS FOLLOWS WITH RESPECT TO THE FOLLOWING EXCEPTIONS LISTED ON SCHEDULE B-II OF SAID COMMITMENT:

- 1. ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I—REQUIREMENTS ARE MET. NOT THE TYPE TO BE DEPICTED
- 2. RIGHTS OR CLAIMS OF PARTIES IN POSSESSION NOT SHOWN BY THE PUBLIC RECORDS. NOT THE TYPE TO BE DEPICTED HEREON.
- 3. ANY ENCROACHMENT, ENCUMBRANCE, VIOLATION, VARIATION, OR ADVERSE CIRCUMSTANCE AFFECTING THE TITLE THAT WOULD BE DISCLOSED BY AN ACCURATE AND COMPLETE LAND SURVEY OF THE LAND. AS DEPICTED HEREON.
- 4. EASEMENTS, OR CLAIMS OF EASEMENTS, NOT SHOWN BY THE PUBLIC RECORDS. NOT THE TYPE TO BE DEPICTED HEREON.
- 5. ANY LIEN, OR RIGHT TO A LIEN, FOR SERVICES, LABOR, OR MATERIAL HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORDS. NOT THE TYPE TO BE
- 6. TAXES OR SPECIAL ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE PUBLIC RECORDS. NOT THE TYPE TO BE DEPICTED HEREON.

#### SPECIAL EXCEPTIONS

7. TAXES FOR THE YEAR 2020 AND SUBSEQUENT YEARS. A LIEN NOT YET DUE AND PAYABLE. NOT THE TYPE TO BE DEPICTED HEREON.

8. TIMBER SALE CONTRACT DATED JUNE 24, 1993 BY AND BETWEEN 6. IMBER SALE CONTRACT DATED JUNE 24, 1935 BT AND BE WEEN ROGER C. PURSLEY & BERTIE D. PURSLEY, AS GRANTOR, AND DOCK T. SEAY, A CORPORATION, AS GRANTEE, RECORDED ON JUNE 24, 1993 IN OFFICIAL RECORD BOOK 0776, PAGE 1063; PUBLIC NOTICE OF TIMBER TRANSACTION RECORDED ON JUNE 29, 1993 IN OFFICIAL RECORD BOOK 0776, PAGE 1521. REFERENCES THE PARENT PARCEL. NOT THE TYPE TO BE DEPORTED HEEDON. TO BE DEPICTED HEREON.

9. RIGHT-OF-WAY EASEMENT IN FAVOR OF CLAY ELECTRIC OCOPERATIVE, INC., A FLORIDA CORPORATION SET FORTH IN
INSTRUMENT RECORDED ON JANUARY 4, 2011 IN OFFICIAL RECORD
BOOK 1207, PAGE 1731. DOES NOT INCLUDE THE PARENT PARCEL. NOT DEPICTED HEREON.

10. TERMS AND CONDITIONS OF MEMORANDUM OF LAND LEASE AGREEMENT DATED JUNE 11, 2018 BY AND BETWEEN BERTIE D. PURSLEY, AND VERIZON WIRELESS PERSONAL COMMUNICATIONS LP D/B/A VERIZON WIRELESS, A DELAWARE LIMITED PARTNERSHIP, RECORDED ON JUNE 21, 2018 IN OFFICIAL RECORD BOOK 1362, PAGE 2405. REFERENCES THE SUBJECT TOWER PARCEL AND THE ASSOCIATED EASEMENT DEPICTED HEREON.

#### N 86"14"28" E \*\*\* \*\*\* \*\*\* 100' X 100' TOWER PARCEL 10,000 SQUARE FEET±, 0.23 ACRES± \*\* \*\* \*\* \* \* NOTE: SET 1/2" REBAR (NO IDENTIFICATION) AT THE CENTER OF THE \* \* \* PROPOSED TOWER 30' WIDE NON-EXCLUSIVE INGRESS EGRESS AND UTILITY EASEMENT 6,941 SQUARE FEET± N 8614'28" E 20.00' CENTER OF -0.159 ACRES± PROPOSED 50.0 POINT OF BEGINNING VERIZON WIRELESS & CENTERLINE OF 30' WIDE NON-EXCLUSIVE INGRESS, EQUIPMENT LEASE AREA 500 SQUARE i X EGRESS AND UTILITY EASEMENT FEET ± \*\* S 86"14'28" W 231.37' \* \* <u>s 86"14'28" W 20.00' </u> POINT OF BEGINNING: VERIZON WIRELESS EQUIPMENT LEASE AREA **68.00'** 100.00 \*\*\* N 8644'28" E S 86"14'28" W POINT OF BEGINNING 100' X 100' TOWER \*\* PARCEL SITE DETAIL GRAPHIC SCALE ( IN FEET ) SCALE: 24"X 36" SHEET 1" = 10' SCALE: 11"X 17" SHEET 1" = 20'

#### PROPERTY DESCRIPTIONS

(EXHIBIT "A", COMMITMENT FOR TITLE INSURANCE)

ALL THAT CERTAIN PARCEL OF LAND LYING AND BEING IN THE COUNTY OF COLUMBIA, AND STATE OF FLORIDA, MORE PARTICULARLY DESCRIBED

THE NORTH-HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, CONTAINING 80 ACRES, MORE OR LESS.

LESS AND EXCEPT THAT PORTION OF PROPERTY CONVEYED TO LENVIL H. DICKS FROM ROGER C. PURSLEY AND BERTIE D. PURSLEY BY WARRANTY DEED DATED JANUARY 29, 1991 AND RECORDED JANUARY 30, 1991 IN DEED BOOK 0741, PAGE 0751.

LESS AND EXCEPT THAT PORTION OF PROPERTY CONVEYED TO ROBERT P. DICKS, JR. AND FRANCES F. DICKS FROM ROGER C. PURSLEY AND BERTIE D. PURSLEY BY DEED DATED JANUARY 29, 1991 AND RECORDED FEBRUARY 18, 1991 IN DEED BOOK 742, PAGE 11.

AND BEING A PORTION OF THE SAME PROPERTY CONVEYED TO ROGER C. PURSLEY AND BERTIE D. PURSLEY FROM JESSE F. PYLE AND MARGARET H. PYLE BY WARRANTY DEED DATED SEPTEMBER 4, 1951 AND RECORDED SEPTEMBER 6, 1951 IN DEED BOOK 79, PAGE 319; THE SAID ROGER C. PURSLEY, DEPARTED THIS EARTH ON OR ABOUT SEPTEMBER 15, 2009, LEAVING BERTIE D. PURSLEY HIS SURVIVING TENANT BY THE ENTIRETY.

TAX PARCEL NO. 36-4S-17-09045-000

TOWER PARCEL (OFFICIAL RECORD BOOK 1362, PAGE 2405)

THAT PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA. THENCE SOUTH 86'14'28" WEST ALONG THE SOUTH LINE OF SAID NORTH 1/2 OF THE NORTHWEST 1/4 FOR 2316.31 FEET: THENCE NORTH 03'45'32" WEST FOR 270.67 FEET TO THE POINT BEGINNING; THENCE CONTINUE NORTH 03'45'32" WEST FOR 100.00 FEET: THENCE NORTH 86"14'28" EAST ALONG A LINE PARALLEL WITH SAID SOUTH LINE FOR 100.00 FEET; THENCE SOUTH 03'45'32" EAST FOR 100.00 FEET; THENCE SOUTH 86"14"28" WEST ALONG A LINE PARALLEL WITH SAID SOUTH LINE FOR 100.00 FEET TO SAID POINT OF BEGINNING.

CONTAINING 10,000 SQUARE FEET (0.23 ACRES), MORE OR LESS.

30-FOOT WIDE NON-EXCLUSIVE INGRESS, EGRESS AND UTILITY EASEMENT (OFFICIAL RECORD BOOK 1362, PAGE 2405)

THAT PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, LYING WITHIN 15 FEET OF BOTH SIDES OF A CENTERLINE, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, THENCE SOUTH 86"14'28" WEST ALONG THE COLUMBIA COUNTY, FLORINA, HENCE SOUTH 651428 WEST ALONG HE SOUTH LINE OF SAID NORTH 1/2 OF THE NORTHWEST 1/4 FOR 2316.31 FEET; THENCE NORTH 03'45'32" WEST FOR 270.67 FEET TO THE SOUTHWEST CORNER OF A 100 FOOT BY 100 FOOT TOWER PARCEL; THENCE CONTINUE NORTH 03'45'32" WEST ALONG THE WEST LINE OF SAID TOWER PARCEL FOR 25.00 FEET TO THE POINT OF BEGINNING OF THE CENTERLINE OF THE HEREIN DESCRIBED 20 FOOT WIDE NON-EXCLUSIVE INGRESS, EGRESS AND UTILITY EASEMENT; THENCE SOUTH 86'14'28" WEST FOR 231.37 FEET TO AN INTERSECTION WITH THE EASTERLY RIGHT OF WAY LINE OF PRINCE CREEK ROAD / COUNTY ROAD 245 AND THE POINT OF TERMINUS OF THE HEREIN DESCRIBED CENTERLINE.

CONTAINING 6,941 SQUARE FEET (0.159 ACRES), MORE OR LESS.

VERIZON WIRELESS EQUIPMENT LEASE AREA (PREPARED BY GEOLINE SURVEYING, INC.)

THAT PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, THENCE SOUTH 86"14'28" WEST ALONG THE SOUTH LINE OF SAID NORTH 1/2 OF THE NORTHWEST 1/4 FOR 2316.31
FEET; THENCE NORTH 03\*45\*32" WEST FOR 270.67 FEET TO THE
SOUTHWESTERLY CORNER OF A TOWER PARCEL AS PER DESCRIPTION
RECORDED IN OFFICIAL RECORD BOOK 1362, PAGE 2405 OF THE PUBLIC RECORDS OF SAID COLUMBIA COUNTY; THENCE NORTH 86"4"28" EAST ALONG THE SOUTHERLY LINE OF SAID TOWER PARCEL FOR 68.00 FEET; THENCE NORTH 03"45"32" WEST FOR 14.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 03'45'32" WEST FOR 25.00 FEET; THENCE NORTH 86"14'28" EAST ALONG A LINE PARALLEL WITH SAID SOUTHERLY LINE FOR 20.00 FEET; THENCE SOUTH 03'45'32" EAST FOR 25.00 FEET; THENCE SOUTH 86'14'28" WEST ALONG A LINE PARALLEL WITH SAID SOUTHERLY LINE FOR 20.00 FEET TO SAID POINT OF

CONTAINING 500 SQUARE FEET, MORE OR LESS.

# **BOUNDARY AND** TOPOGRAPHIC SURVEY

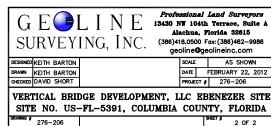
IN SECTION 36, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY FLORIDA FOR: VERTICAL BRIDGE DEVELOPMENT, LLC

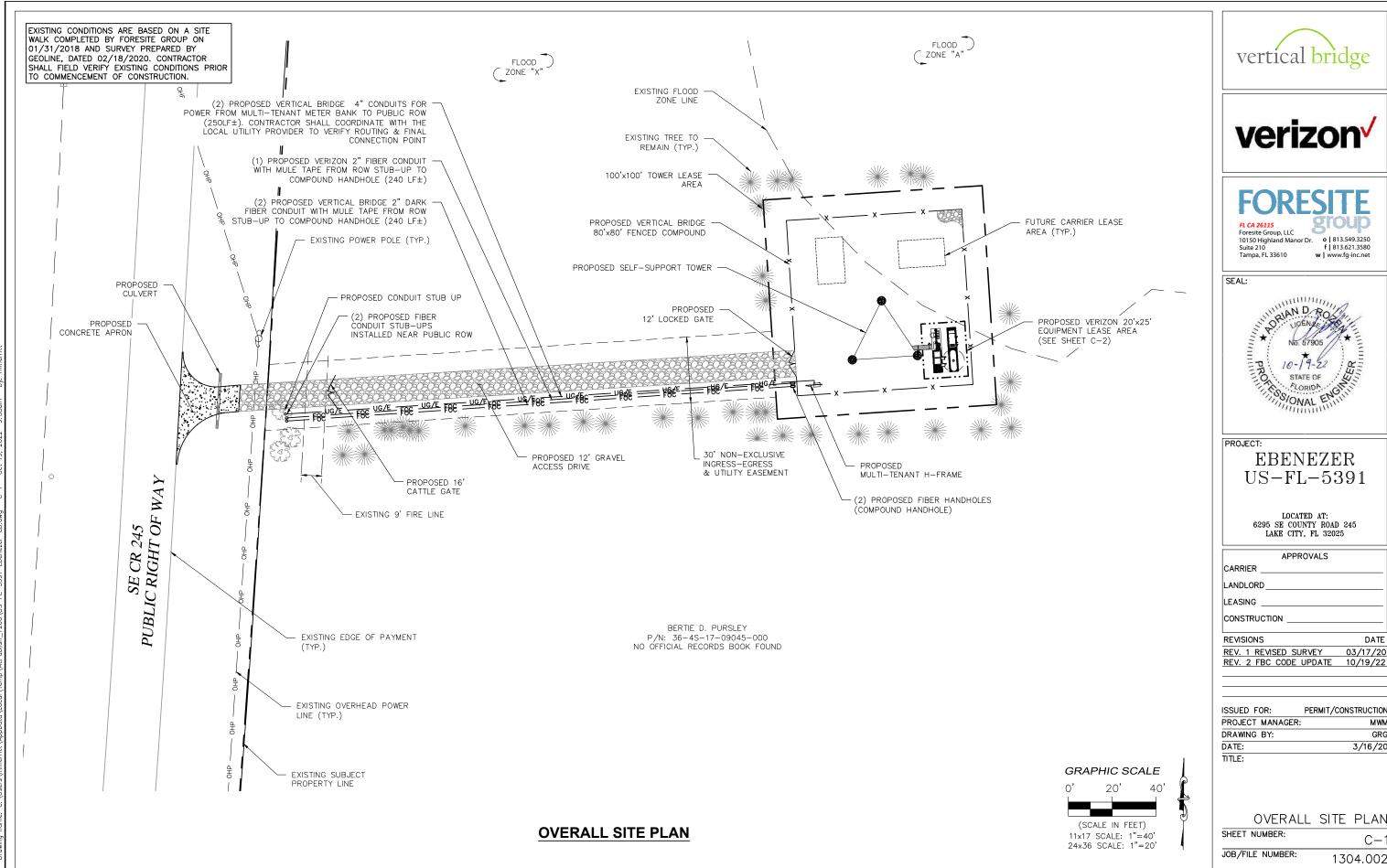


NOT TO SCALE



LOCATION MAP NOT TO SCALE









Foresite Group, LLC
10150 Highland Manor Dr.
Suite 210

Suite 210

Suite 210

Suite 210

Suite 210

Suite 210

Suite 210 Tampa, FL 33610

w | www.fg-inc.net



PROJECT: **EBENEZER** US-FL-5391

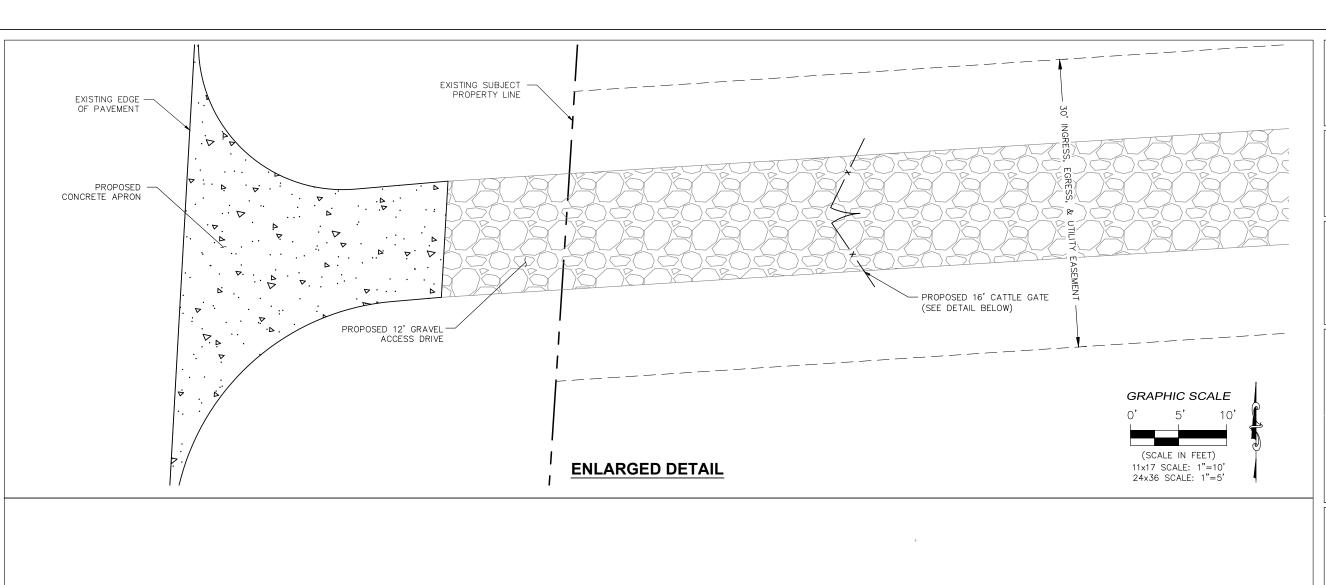
> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS
CARRIER
_ANDLORD
EASING
CONSTRUCTION
REVISIONS DATE

03/17/20

ISSUED FOR:	PERMIT/CONSTRUCTION
PROJECT MANAGER:	MWM
DRAWING BY:	GRG
DATE:	3/16/20

OVERALL SITE PLAN SHEET NUMBER: C-1JOB/FILE NUMBER: 1304.002

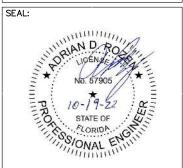






Foresite Group, LLC
10150 Highland Manor Dr.
Suite 210
Tampa, FL 33610

V | www.fg-inc.net



# PROJECT:

EBENEZER US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

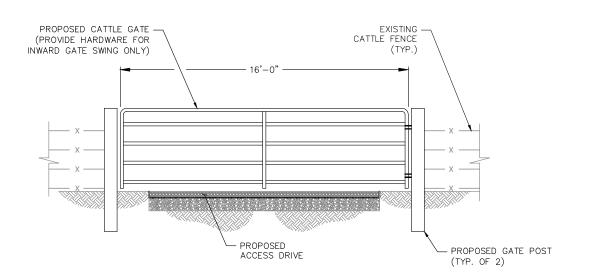
APPROVALS	
CARRIER	
LANDLORD	
LEASING	
CONSTRUCTION	
REVISIONS	DATE

KENISIONS	DATE
REV. 1 REVISED SURVEY	03/17/20
REV. 2 FBC CODE UPDATE	10/19/22

ISSUED FOR:	PERMIT/CONSTRUCTION	
PROJECT MANAGER:	MWM	
DRAWING BY:	GRG	
DATE:	3/16/20	
TITLE:		

CATTLE GATE DETAIL

SHEET NUMBER: C - 1.1JOB/FILE NUMBER: 1304.002



**CATTLE GATE DETAIL** NOT TO SCALE

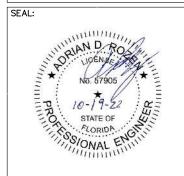
EXISTING CONDITIONS ARE BASED ON A SITE WALK COMPLETED BY FORESITE GROUP ON 01/31/2018 AND SURVEY PREPARED BY GEOLINE, DATED 02/18/2020. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. FLOOD ZONE "A" - EXISTING FLOOD ZONE FLOOD ZONE "X" - PROPOSED GRAVEL COMPOUND 100'x100' TOWER LEASE AREA PROPOSED COMPOUND FENCE FUTURE CARRIER LEASE AREA (TYP.) PROPOSED VERIZON H-FRAME WITH ILC & FIBER JUNCTION BOX PROPOSED VERIZON PROPANE GENERATOR ON CONCRETE SLAB (SEE SHEET C-6) PROPOSED -5' PROPANE SPARK BUFFER SELF-SUPPORT TOWER - PROPOSED VERIZON CONCRETE SLAB WITH PROPANE TANK (SEE SHEET C-6) - PROPOSED VERIZON 20'x25' EQUIPMENT LEASE AREA PROPOSED 12' GRAVEL ACCESS DRIVE - PROPOSED VERIZON CONCRETE SLAB WITH EQUIPMENT CABINETS PROPOSED 12' LOCKED GATE (SEE SHEET C-6) PROPOSED VERIZON ICE -BRIDGE (10'±) (2) PROPOSED FIBER HANDHOLES -PROPOSED GPS ANTENNA -(COMPOUND HANDHOLE) (SEE C-7 FOR DETAILS) PROPOSED -MULTI-TENANT H-FRAME GRAPHIC SCALE 10' 20'







w | www.fg-inc.net



PROJECT: **EBENEZER** US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

CONSTRUCTION
LEASING
LANDLORD
CARRIER
APPROVALS

REVISIONS	DATE
REV. 1 REVISED SURVEY	03/17/20
REV. 2 FBC CODE UPDATE	10/19/22

ISSUED FOR:	PERMIT/CONSTRUCTION	
PROJECT MANAGER:	MWM	
DRAWING BY:	GRG	
DATE:	3/16/20	
TITLE:		

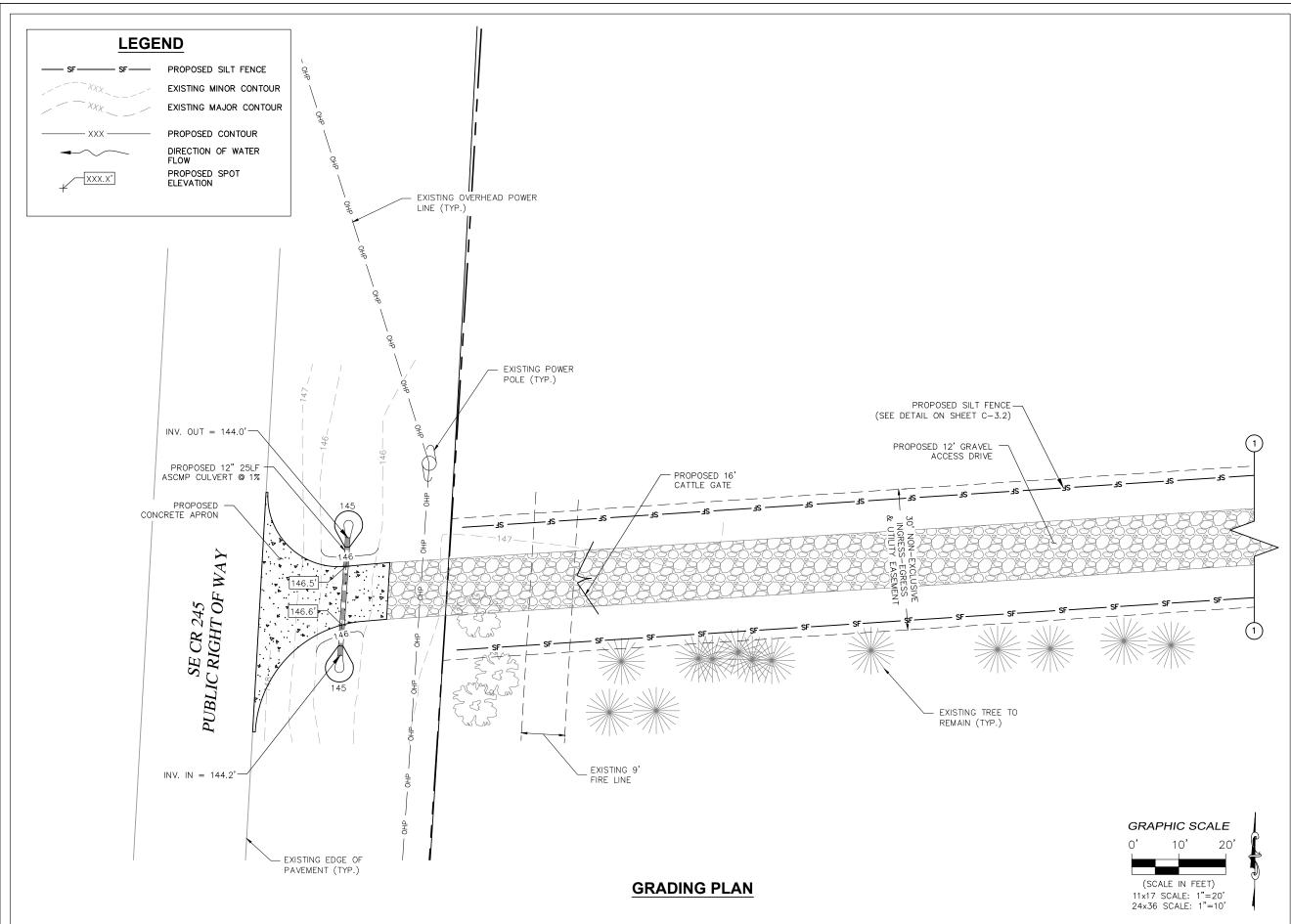
ENLARGED SITE PLAN SHEET NUMBER: C-2JOB/FILE NUMBER: 1304.002

(SCALE IN FEET)

11x17 SCALE: 1"=20'

24x36 SCALE: 1"=10'

**ENLARGED SITE PLAN** 



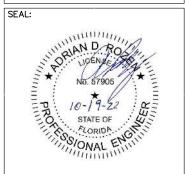






FLC A2013
Foresite Group, LLC
10150 Highland Manor Dr.
Suite 210
Tampa, FL 33610

V | www.fg-inc.net



PROJECT: **EBENEZER** US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS CARRIER LANDLORD LEASING CONSTRUCTION REVISIONS

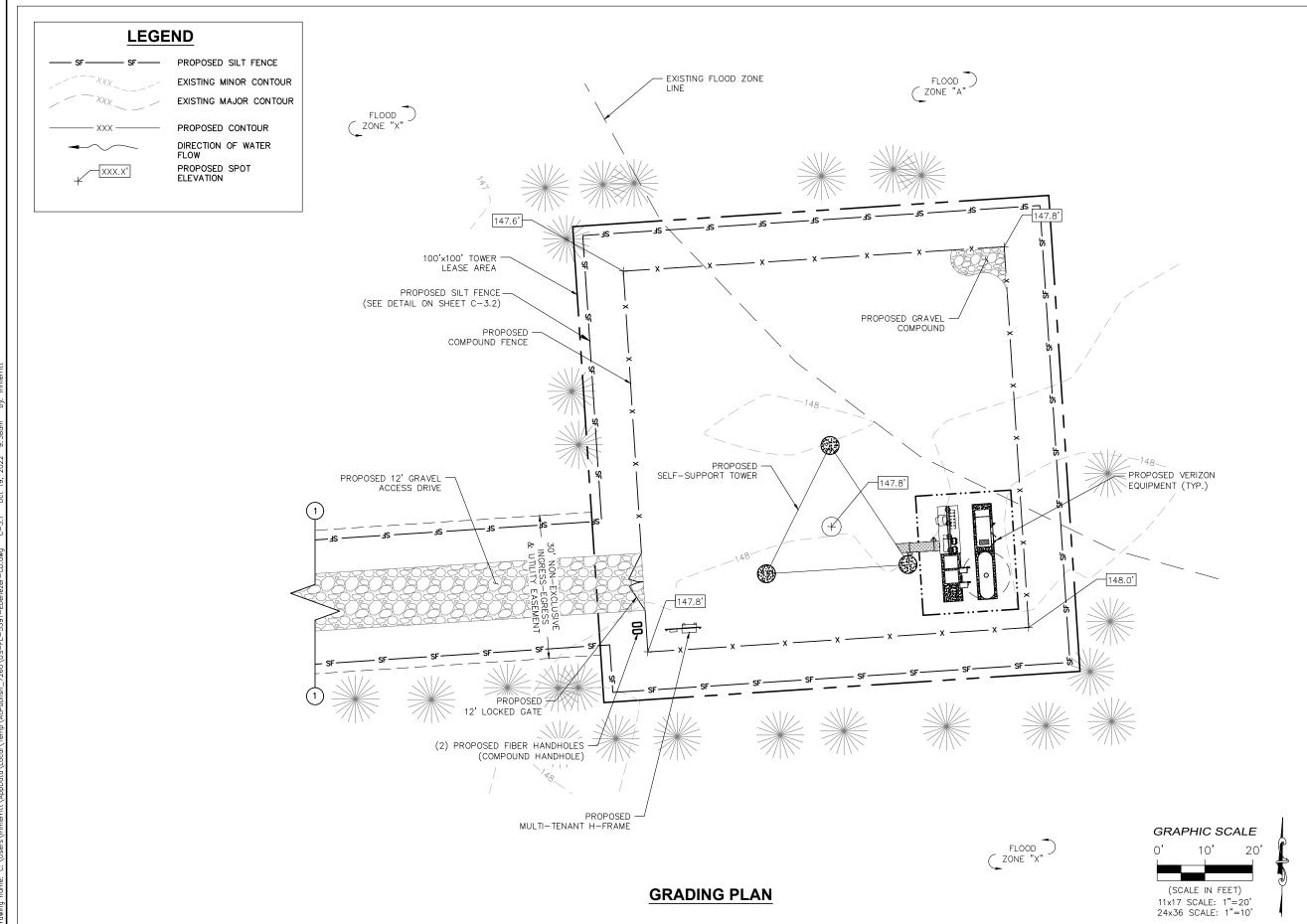
 REV. 1 REVISED SURVEY
 03/17/20

 REV. 2 FBC CODE UPDATE
 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20 TITLE:

> GRADING & EROSION CONTROL PLAN

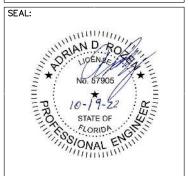
SHEET NUMBER: C-3JOB/FILE NUMBER: 1304.002











PROJECT: **EBENEZER** US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS CARRIER LANDLORD LEASING CONSTRUCTION REVISIONS

 REV. 1 REVISED SURVEY
 03/17/20

 REV. 2 FBC CODE UPDATE
 10/19/22

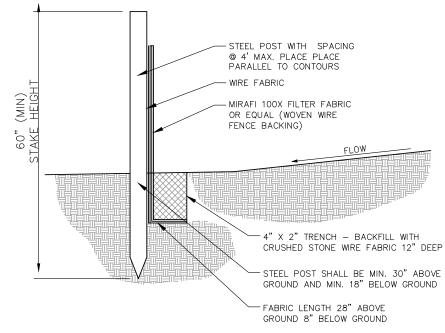
ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20 TITLE:

> GRADING & EROSION CONTROL PLAN

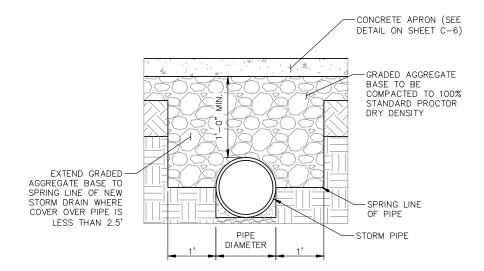
SHEET NUMBER: C - 3.1JOB/FILE NUMBER: 1304.002

### **SILT FENCE NOTES:**

- 1. GEOTEXTILE FABRIC TO BE FASTENED SECURELY TO FENCE POST BY WIRE TIES OR HOG RINGS.(FASTENERS PER POST.)
- 2. ENDS OF INDIVIDUAL ROLLS OF GEOTEXTILE SHALL BE SECURELY FASTENED TO A COMMON POST OR OVERLAPPED 3' MINIMUM.
- 3. THIS DEVICE 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.
- 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.



**SILT FENCE DETAIL** NOT TO SCALE



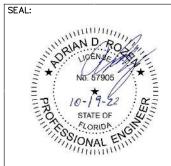
**TYPICAL PIPE COVER DETAIL** NOT TO SCALE







Tampa, FL 33610



PROJECT: **EBENEZER** US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS CARRIER LANDLORD LEASING CONSTRUCTION REVISIONS

REV. 1 REVISED SURVEY 03/17/20 REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20 TITLE:

> DRAINAGE & EROSION CONTROL DETAILS

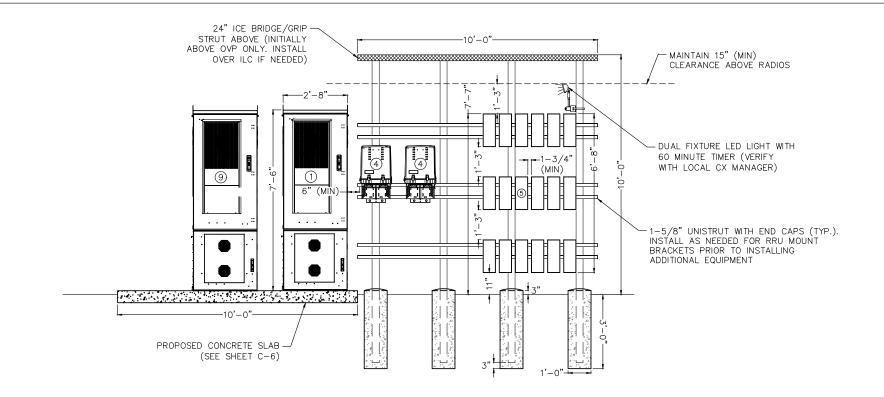
C - 3.2JOB/FILE NUMBER: 1304.002

SHEET NUMBER:

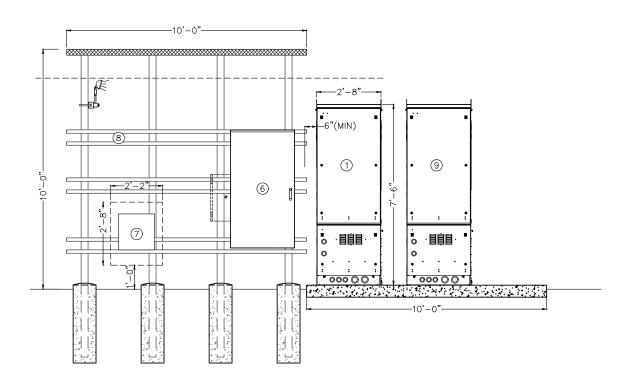
## **LEGEND**

- (1) PRIMARY CABINET
- ② (NOT USED)
- (NOT USED)
- (4) OVP-12 (PROPOSED & FUTURE AS NEEDED)
- 5 ERICSSON RRH 2212 (STACKED 6x3) (RESERVE SPACE FOR FUTURE GROUND RADIOS)
- 6 ILC CABINET (WITHOUT CAMLOCK IF NEEDED)
- (7) DARK FIBER JUNCTION BOX (RESERVE SPACE FOR CHARLES TELCO CABINET IF NECESSARY
- 8 RESERVED DIPLEXER AREA
- CHARLES MICROWAVE CABINET

WHEN EQUIPMENT FRAME IS
INSTALLED ADJACENT TO
CABINET PAD, INTERCONNECTING CONDUITS SHALL BE INSTALLED AT OR ABOVE GRADE.



## **EQUIPMENT ELEVATION - FRONT**



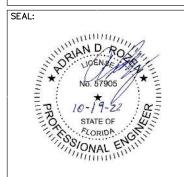
### **EQUIPMENT ELEVATION - REAR**







Tampa, FL 33610 w | www.fg-inc.net



PROJECT: **EBENEZER** US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS CARRIER LANDLORD LEASING CONSTRUCTION

REVISIONS REV. 1 REVISED SURVEY 03/17/20 REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20 TITLE:

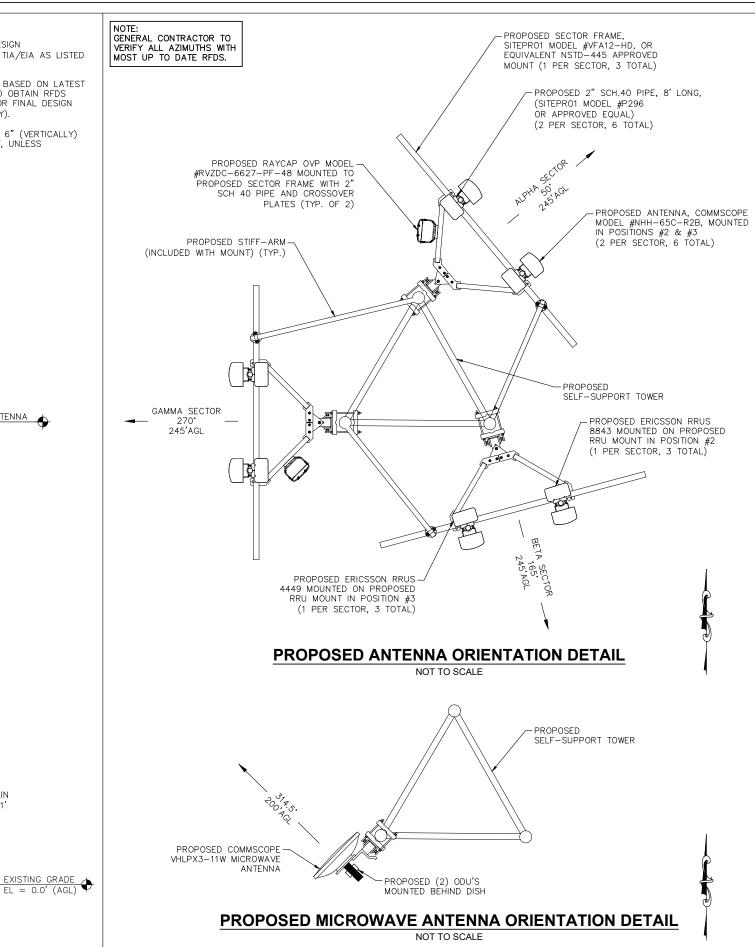
EQUIPMENT DETAILS

SHEET NUMBER: C-4JOB/FILE NUMBER: 1304.002

# TOWER NOTES: 1. THE PROPOSED TOWER, FOUNDATION, ANTENNA MOUNTS, AND MOUNTING HARDWARE SHALL CONFORM TO DESIGN ANTENNAS WERE DESIGNED BY OTHERS. REQUIREMENTS PER STATE BUILDING CODE & TIA/EIA AS LISTED 2. THE TOWER ELEVATION SHOWN IS FOR REFERENCE ONLY. 5. RF INFORMATION SHOWN ON THESE PLANS IS BASED ON LATEST 3. CONTRACTOR TO REFER TO FINAL TOWER DRAWINGS FOR RFDS PROVIDED BY VERIZON. CONTRACTOR TO OBTAIN RFDS FROM VERIZON AT TIME OF CONSTRUCTION FOR FINAL DESIGN DETAILS ON REQUIRED ANTENNA MOUNTING LAYOUT, COAX ROUTING AND ANY OTHER MODIFICATIONS THAT COULD AFFECT AND ADVISE ENGINEER OF DEVIATIONS (IF ANY). THE OVERALL TOWER STRUCTURAL CAPACITY. 6. CENTERLINE OF THE ANTENNAS TO BE WITHIN 6" (VERTICALLY) OF THE CENTERLINE OF EACH SECTOR MOUNT, UNLESS 4. CONTRACTOR TO FIELD VERIFY ANTENNA MOUNT CONFIGURATION AND PROVIDE MOUNTS OR ADDITIONAL HARDWARE IF REQUIRED TO SUPPORT PROPOSED ANTENNAS. ALL ANTENNAS AND SPECIFIED BY ENGINEER. TOP OF HIGHEST APPURTENANCE PROPOSED LIGHTNING ROD EL=260' AGL PROPOSED FAA MEDIUM-INTENSITY, DUAL OBSTRUCTION LIGHTING TOP OF TOWER EL=250' AGL PROPOSED VERIZON ANTENNAS RAD CENTER = 245' AGL FUTURE CARRIER ANTENNAS RAD CENTER = 232' AGL FUTURE CARRIER ANTENNAS RAD CENTER = 222' AGL PROPOSED VERIZON MICROWAVE ANTENNA RAD CENTER = 200' AGL PROPOSED SELF-SUPPORT TOWER (GALVANIZED STEEL FINISH) PROPOSED SIDE LIGHTS (2) PROPOSED VERIZON HYBRID CABLES-& (2) LMR-400 FLEX COAX (ROUTED ALONG PROPOSED COAX LADDER) PROPOSED VERIZON -ICE BRIDGE PROPOSED VERIZON -PROPOSED 8' CHAIN EQUIPMENT (TYP.) LINK FENCE WITH 1' OF BARBED WIRE

**TOWER ELEVATION** 

NOT TO SCALE

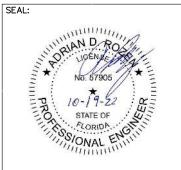








Suite 210 f | 813.621.3580 Tampa, FL 33610 w | www.fg-inc.net



EBENEZER
US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_

CONSTRUCTION \_\_\_\_\_

REVISIONS DATE

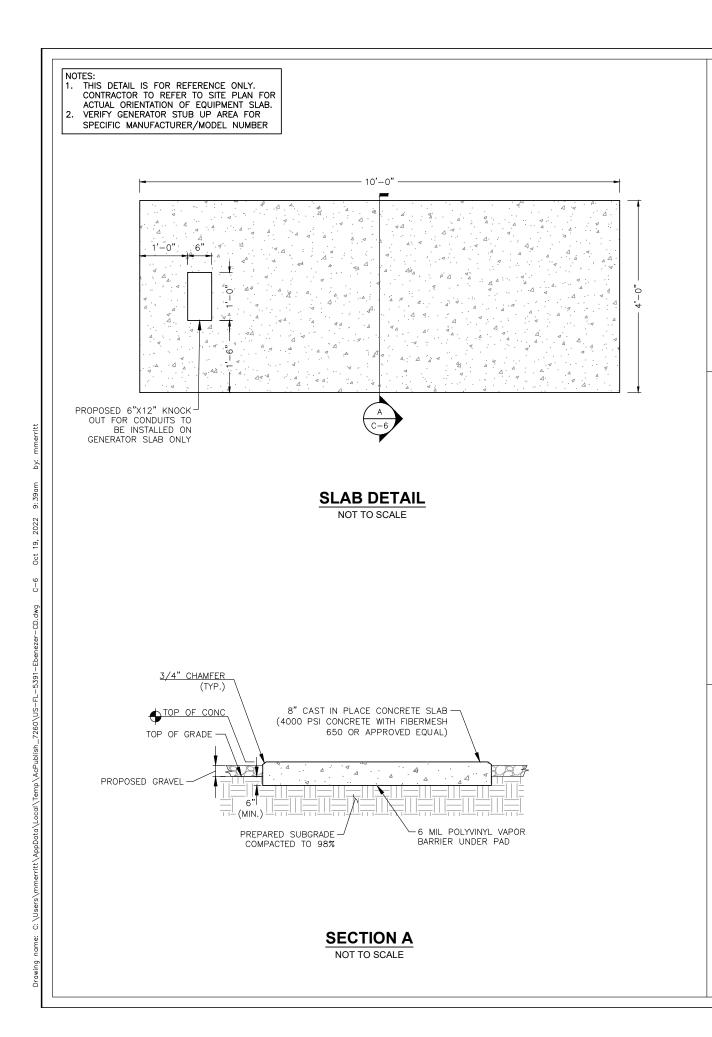
REV. 1 REVISED SURVEY 03/17/20 REV. 2 FBC CODE UPDATE 10/19/22

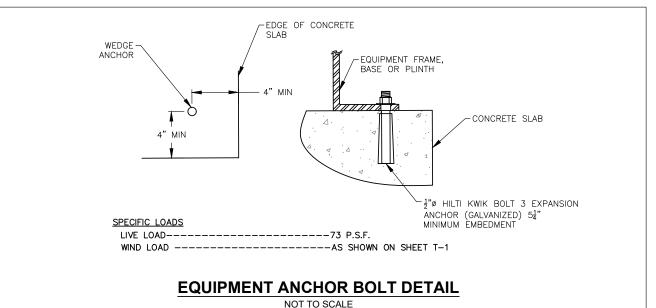
ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

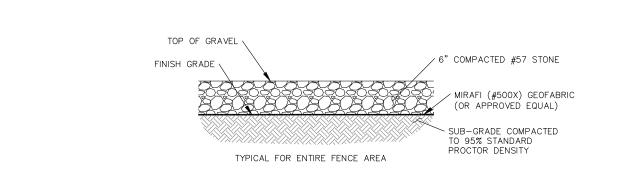
TOWER ELEVATION & ANTENNA ORIENTATION SHEET NUMBER: C-5

1304.002

JOB/FILE NUMBER:

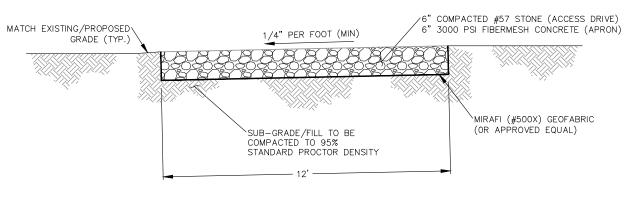






## **COMPOUND BASE DETAIL**

NOT TO SCALE



### **CROSS-SLOPED DRIVE - PROPOSED ACCESS DRIVE**

## APRON/ACCESS DRIVE DETAIL

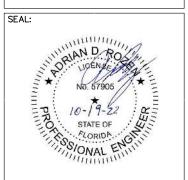
NOT TO SCALE







Tampa, FL 33610



PROJECT: **EBENEZER** US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS	
CARRIER	
LANDLORD	
LEASING	
CONSTRUCTION	
REVISIONS D	ATE

REV. 2 FBC CODE UPDATE 10/19/22

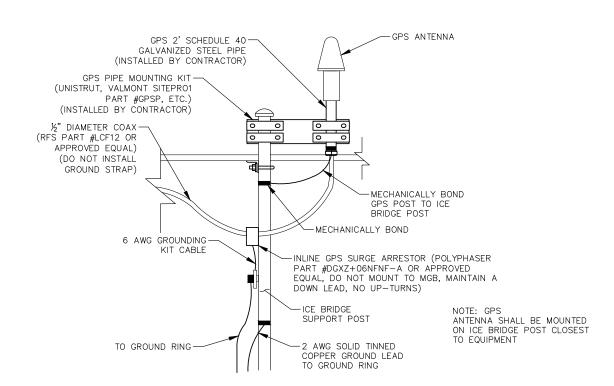
03/17/20

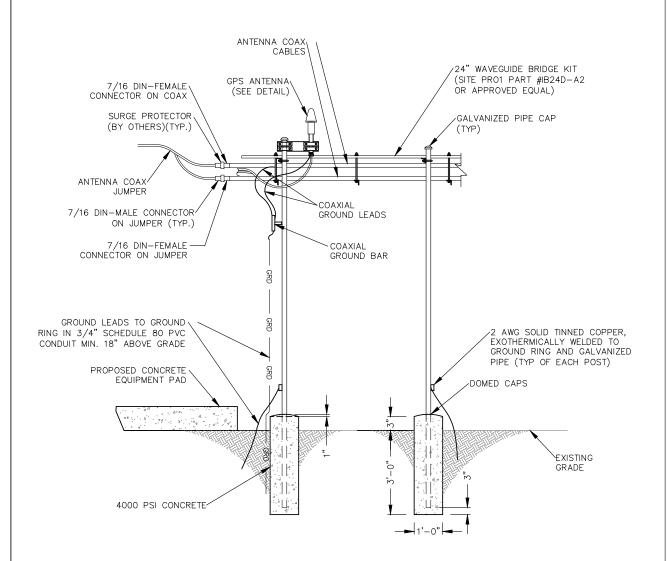
REV. 1 REVISED SURVEY

ISSUED FOR:	PERMIT/CONSTRUCTION
PROJECT MANAGER:	MWM
DRAWING BY:	GRG
DATE:	3/16/20
TITLE:	

FOUNDATION & ACCESS DRIVE DETAILS SHEET NUMBER:

C-6JOB/FILE NUMBER: 1304.002









Foresite Group, LLC
10150 Highland Manor Dr.
Suite 210

Suite 210

Suite 210

Suite 210

Suite 210

Suite 210 Tampa, FL 33610

w | www.fg-inc.net



PROJECT: **EBENEZER** US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS CARRIER LANDLORD LEASING CONSTRUCTION REVISIONS

REV. 1 REVISED SURVEY

TITLE:

SHEET NUMBER:

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20

REV. 2 FBC CODE UPDATE 10/19/22

03/17/20

C-7

ICE BRIDGE DETAILS

JOB/FILE NUMBER: 1304.002

**GPS MOUNTING DETAIL** 

NOT TO SCALE

**ICE BRIDGE ELEVATION** NOT TO SCALE

#### **FENCE NOTES:**

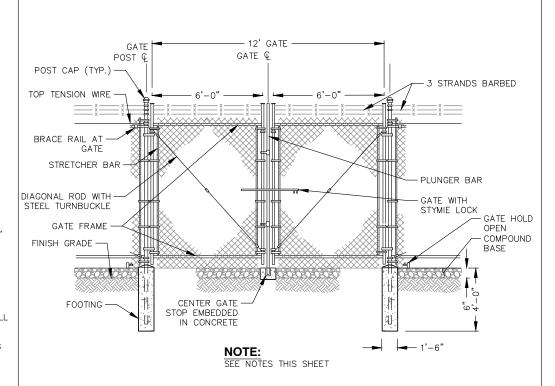
(INSTALL FENCING PER ASTM F-567, SWNG GATES PER ASTM F- 900)

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: 11/2" DIA. SCHEDULE 40 PIPE PER ASTM-F 1083.
- 5. TOP RAIL AND BRACE RAIL: 11/2" 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 $-\frac{1}{2}$ " GA. TWISTED WIRE TO MATCH WITH FABRIC 14 GA., 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
- 10. GATE LATCH:  $1-\frac{1}{3}$ " 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.

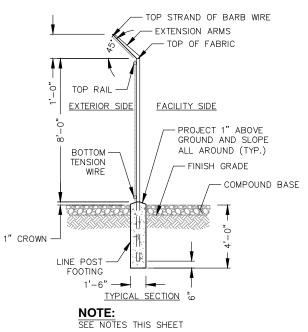
## **TYPICAL WOVEN WIRE FENCING NOTES**

NOT TO SCALE



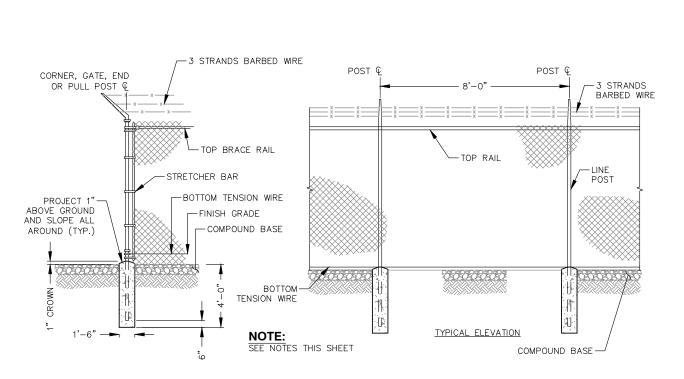
## **DOUBLE SWING GATE DETAIL**

NOT TO SCALE



## **WOVEN WIRE FENCE DETAIL**

NOT TO SCALE



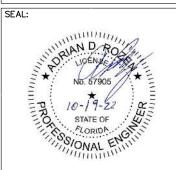
# WOVEN WIRE CORNER, GATE, END OR PULL POST DETAIL

NOT TO SCALE









EBENEZER
US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS

CARRIER

LANDLORD

LEASING

CONSTRUCTION

REVISIONS

DATE

REV. 1 REVISED SURVEY

REV. 2 FBC CODE UPDATE

03/17/20

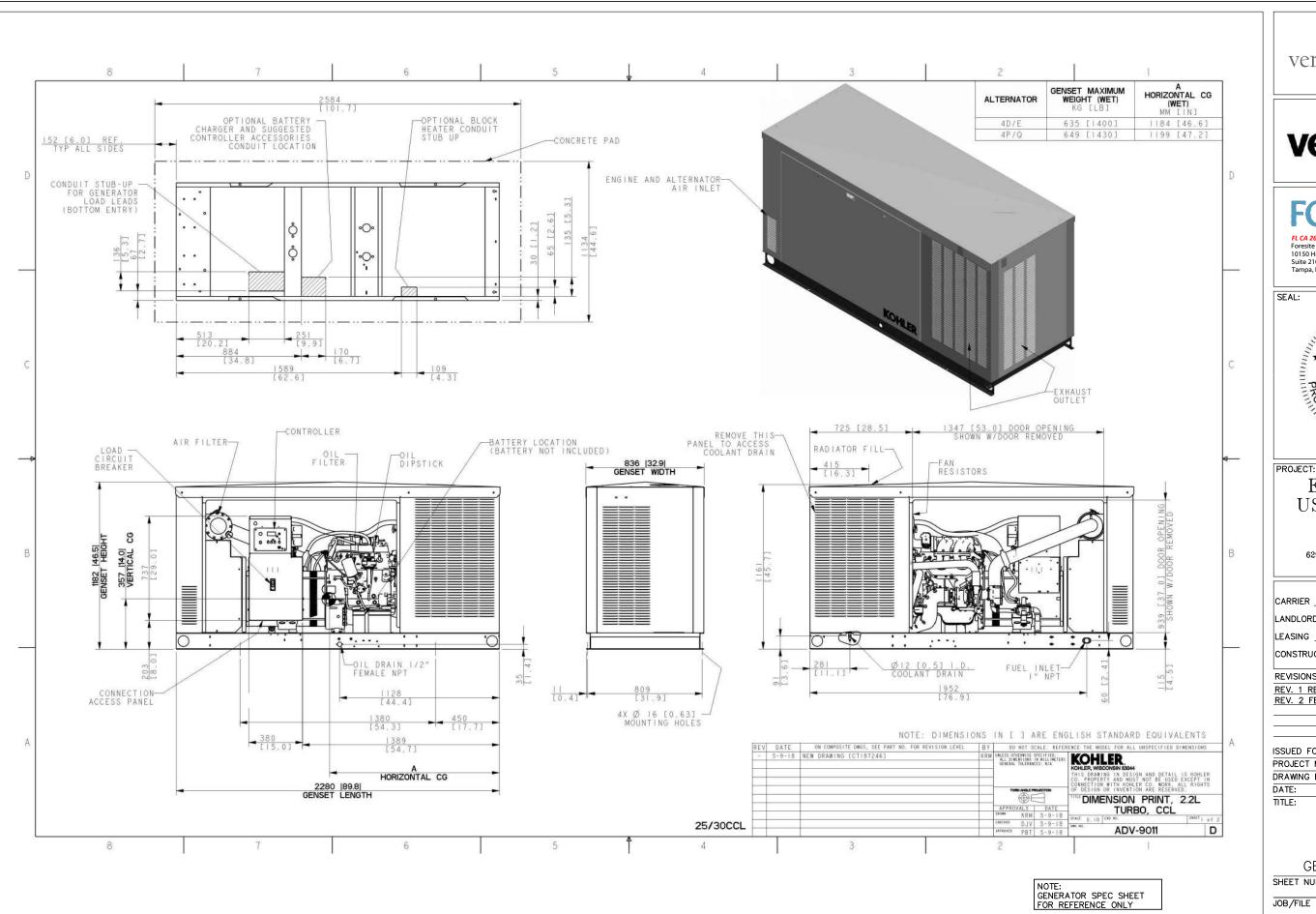
10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

FENCE DETAILS

 SHEET NUMBER:
 C-8

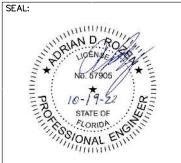
 JOB/FILE NUMBER:
 1304.002







# FORESITE GIOUD



EBENEZER US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_

CONSTRUCTION \_\_\_\_\_

REVISIONS DATE

 REV. 1
 REVISED SURVEY
 03/17/20

 REV. 2
 FBC CODE UPDATE
 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

GENERATOR DETAILS

SHEET NUMBER: C-9

JOB/FILE NUMBER: 1304.002

#### **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).
- 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 WRING, 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 APPLY FOR TELEPHONE SERVICE AS SOON AS POSSIBLE AND COORDINATE REQUIREMENTS AND SERVICE ROUTING WITH TELEPHONE COMPANY.
- 27. CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY PERMIT FEES, AND SCHEDULE INSPECTIONS.
- 28. 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.
- 29. 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 IA 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.
- 30. CONTRACTOR SHALL LABEL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC 110.16 AND 110.24.
- 31. CONTRACTOR SHALL VERIFY THAT THE MAIN BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR IS INSTALLED PROPERLY AT SERVICE ENTRANCE.
- 32. CONTRACTOR SHALL SEAL AROUND ALL CONDUIT PENETRATIONS TO PREVENT MOISTURE PENETRATION OR VERMIN INFESTATIONS.
- 33. DURING TRENCH BACK-FILLING FOR EACH UNDERGROUND ELECTRICAL, TELEPHONE, SIGNAL AND COMMUNICATIONS LINE, PROVIDE A CONTINUOUS UNDERGROUND WARNING TAPE TWELVE INCHES BELOW FINISHED GRADE.

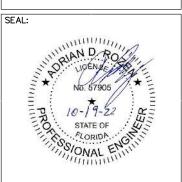
#### **GROUNDING NOTES**

- ALL GROUNDING CONNECTIONS SHALL BE MADE USING EXOTHERMIC WELDING PROCESS (CAD WELD OR EQUAL) EXCEPT FOR EQUIPMENT THAT MAY BE MECHANICALLY FASTENED. ALL LUGS SHALL BE TWO HOLE, LONG BARREL TYPE, FOR COPPER, UNLESS OTHERWISE NOTED.
- 2. ALL GROUND RODS SHALL BE INSTALLED AT 30" BELOW GRADE PER MANUFACTURER'S SPECIFICATIONS. UNDERGROUND GROUNDING CONDUCTORS SHALL BE 30" BELOW GRADE.
- 3. ALL GROUND CONDUCTORS SHALL BE MIN. #2 AWG SOLID TINNED COPPER WIRE BARE. EQUIPMENT GROUND CONDUCTORS SHALL BE MIN. #6 GREEN INSULATED, UNLESS OTHERWISE NOTED.
- 4. GROUND RODS FOR GROUND RING SHALL BE LOCATED 5'-0" APART.
- 5. ANY METAL OBJECT WITHIN 6 FEET OF THE TOWER OR EQUIPMENT GROUND RING SHALL BE BONDED DIRECTLY TO THE RING.
- 6. THE MINIMUM BENDING RADIUS FOR ALL GROUNDING CONDUCTORS #6 AWG OR LARGER SHALL BE 24".
- 7. ALL ABOVE GRADE GROUND CONDUCTORS SHALL BE ROUTED DOWNWARD TOWARD EARTH AND HORIZONTAL ONLY WHERE NECESSARY.
- 8. ALL CONDUCTORS SHALL BE ROUTED SUCH THAT THERE ARE NO INCLUSIVE ANGLES OF LESS THAN 90 DEGREES.
- 9. THE CONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A RECOMMENDED TEST RESULT OF 5 OHMS OR LESS.
- 10. ALL GROUNDING SHALL COMPLY WITH THE N.E.C. AND NFPA 780, "LIGHTING PROTECTION CODE".
- 11. ALL GROUNDING COMPONENTS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR.
- 12. ANY METAL CONDUIT MOUNTED ON THE TOWER SHALL BE BONDED TO THE TOWER AT EACH END.
- 13. ALL EXPOSED GROUNDING SHALL BE IN NON-METALLIC FLEX CONDUIT AND SECURED AS NECESSARY.
- 14. WHEN BONDING TO EQUIPMENT, REMOVE PAINT TO BARE STEEL AND PROTECT WITH A COATING OF NO-OX.
- 15. APPROVED ANTIOXIDANT COATINGS SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
- 16. BOND ICE BRIDGE SECTIONS TOGETHER EXOTHERMICALLY OR WITH 2 HOLE LUGS. BOND ICE BRIDGE TO SUPPORT POSTS.
- 17. THESE NOTES ARE NOT ALL-ENCOMPASSING. REFER TO VERIZON STANDARDS FOR COMPLETE GROUNDING GUIDELINES









EBENEZER
US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS	
CARRIER	
LANDLORD	
LEASING	
CONSTRUCTION	
REVISIONS	DATE
REV. 1 REVISED SURVEY	03/17/20

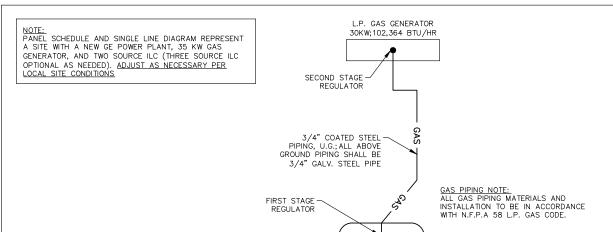
REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR:	PERMIT/CONSTRUCTION
PROJECT MANAGER:	MWN
DRAWING BY:	GRO
DATE:	3/16/20
TITLE:	

ELECTRICAL NOTES

SHEET NUMBER: E-1

JOB/FILE NUMBER: 1304.002



**GAS LINE ISOMETRIC** 

**NOT TO SCALE** 

3-#2/0 AWG 6 AWG EG

1" CONDUIT FOR GEN CONTROLS & ALARMS

GFCI RECPT.

LIGHT

1" CONDUIT (FOR GEN HEATER & BATT. CHARGER)

4-#12 AWG,1-#12 AWG EG,

3-#12 AWG #12 AWG EG

1" CONDUIT FOR GEN & ILC ALARMS

8-#10 AWG, 1-#10 AWG EG, IN (1) 1-1/2" CONDUIT (INSTALL (1) 1-1/2" CONDUIT WITH PULL STRING

FOR FUTURE RECTIFIER CIRCUITS) ROUTE CONDUIT ABOVE GROUND SECURED TO EQUIPMENT FRAME

2" CONDUIT

500 GAL LP TANK

(35KW) GEN

GEN MAIN

DISCONNECT/

FUSED SWITC

CONDUIT WITH CAT 5 CABLE FOR

LP TANK FUEL GAUGE ALARMS

VERIZON WIRELESS

35KW GAS GENERATOR

35KW 120/240 V, GAS GENERATOR WITH 175A MAIN BREAKER.

GENERATOR IS IN A NEMA 3R ENCLOSURE. SUPPLIED WITH 1500W 120V BLOCK HEATER.

NOTE: THE GENERATOR USED IN

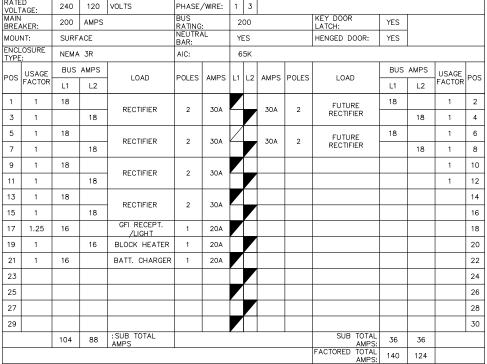
CONJUNCTION WITH A 2-POLE ILC WITH A SOLID NEUTRAL IS NOT A SEPARATELY DERIVED SYSTEM. AS

SUCH, <u>DO NOT</u> BOND THE NEUTRAL TO GROUND AT THE GENERATOR

USED FOR NAT. GAS GEN)

(PASS THROUGH GENERATOR, NOT

LOAD CALCULATION	
LOAD	AMPS
PROPOSED LOAD:	140.0
TOTAL DEMAND:	140.0
VOLTAGE: 120/240V SINGLE PHASE 3W 200A	



ASCO D300L SERIES

NUMBER

- ALL CONDUCTORS ARE TYPE THWN (75°C) COPPER.
- MAXIMUM LENGTH OF RUN FOR RECTIFIER CIRCUITS IS 50FT.

  ASCO INTEGRATED LOAD CENTER INCLUDES 200 AMP MAIN DISCONNECT AND TRANSFER SWITCH FOR PORTABLE OR PERMANENT GENERATOR.

VZW ILC

FERMINION SENERATION.

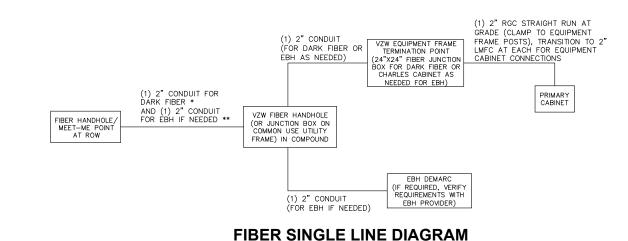
RECTIFIER LOADS ARE CONSIDERED TO BE NON-CONTINUOUS.

IF ADDITIONAL FUTURE LOADS ARE ADDED WHICH CAUSE TOTAL DEMAND TO EXCEED GENERATOR BREAKER SIZE, BACKUP POWER SYSTEM SHALL BE EVALUATED AND UPGRADED AS NECESSARY.

## PANEL SCHEDULE

ADD (1) ADDITIONAL 2" CONDUIT FOR DARK FIBER (2 TOTAL) IF REQUIRED BY LOCAL MARKET FACILITIES, VERIFY PRIOR TO CONSTRUCTION. (ADD 2 PULL STRINGS TO EACH CONDUIT)

\*\* VERIFY EBH REQUIREMENTS WITH TELCO PROVIDER PRIOR TO CONSTRUCTION. (ADD 2 PULL



STRINGS TO EACH CONDUIT)

## **ELECTRICAL SINGLE LINE DIAGRAM**

NOTES:
1. ALL EQUIPMENT SHALL BE NEMA 3R RATED.

TO LITILITY

TRANSFORMER

3-#3/0 AWG

#6 AWG EG 2" CONDUIT

CAM LOCK

VERIZON WIRELESS ILC

UTILITY BREAKER AND

LOCK BREAKÉR

MECHANICALLY

OPTIONAL 2P/200A CAM

WALKING BEAM TRANSFER SWITCH AND 30 POSITION LOAD CENTER

(OPTIONAL)

(130 LF MAX)

200A ILC

INTEGRATED

CENTER

UTILITY METER

- ALL EQUIPMENT SHALL BE LIGHTNING PROTECTED IN ACCORDANCE WITH VERIZON WIRELESS STANDARDS.
- CONDUCTOR SIZES AND DISTANCES HAVE BEEN SIZED FOR 3% MAX VOLTAGE DROP (TOTAL SYSTEM VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST DEMAND SHALL NOT EXCEED 5%)

  WIRE SIZING AND MAXIMUM DISTANCE FROM GENERATOR TO ILC ASSUMES POWER FACTOR OF 0.9,

  BELOW GRADE CONDUIT SHALL BE SCHEDULE 80 PVC. ABOVE GRADE CONDUIT SHALL BE GALVANIZED RIGID CONDUIT. BELOW
- BELLOW GRADE CONDUIT SHALL BE SUFFICIE OF PVC. ABOVE GRADE PVC CONDUIT SHALL BE GAZIANIZED TIGHT CONDUIT. BELO GRADE PVC CONDUIT SHALL TRANSITION TO GRC PRICER TO RISING ABOVE GRADE. ALL BENDS SHALL HAVE A MINIMUM 24" RADIUS. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. VERIFY CONDUIT TYPE WITH LOCAL CONSTRUCTION MANAGER AND ADJUST IF NECESSARY. ALL CONDUIT SHALL MET NEC, STATE, AND LOCAL CODE REQUIREMENTS AS REQUIRED.

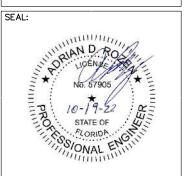
# vertical bridge





w | www.fg-inc.net

Tampa, FL 33610



PROJECT: EBENEZER US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

	APPROVALS	
CARRIER _		
LANDLORD		
LEASING _		
CONSTRUC	TION	
REVISIONS		DATE

REV. 1 REVISED SURVEY

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20 TITLE:

REV. 2 FBC CODE UPDATE 10/19/22

03/17/20

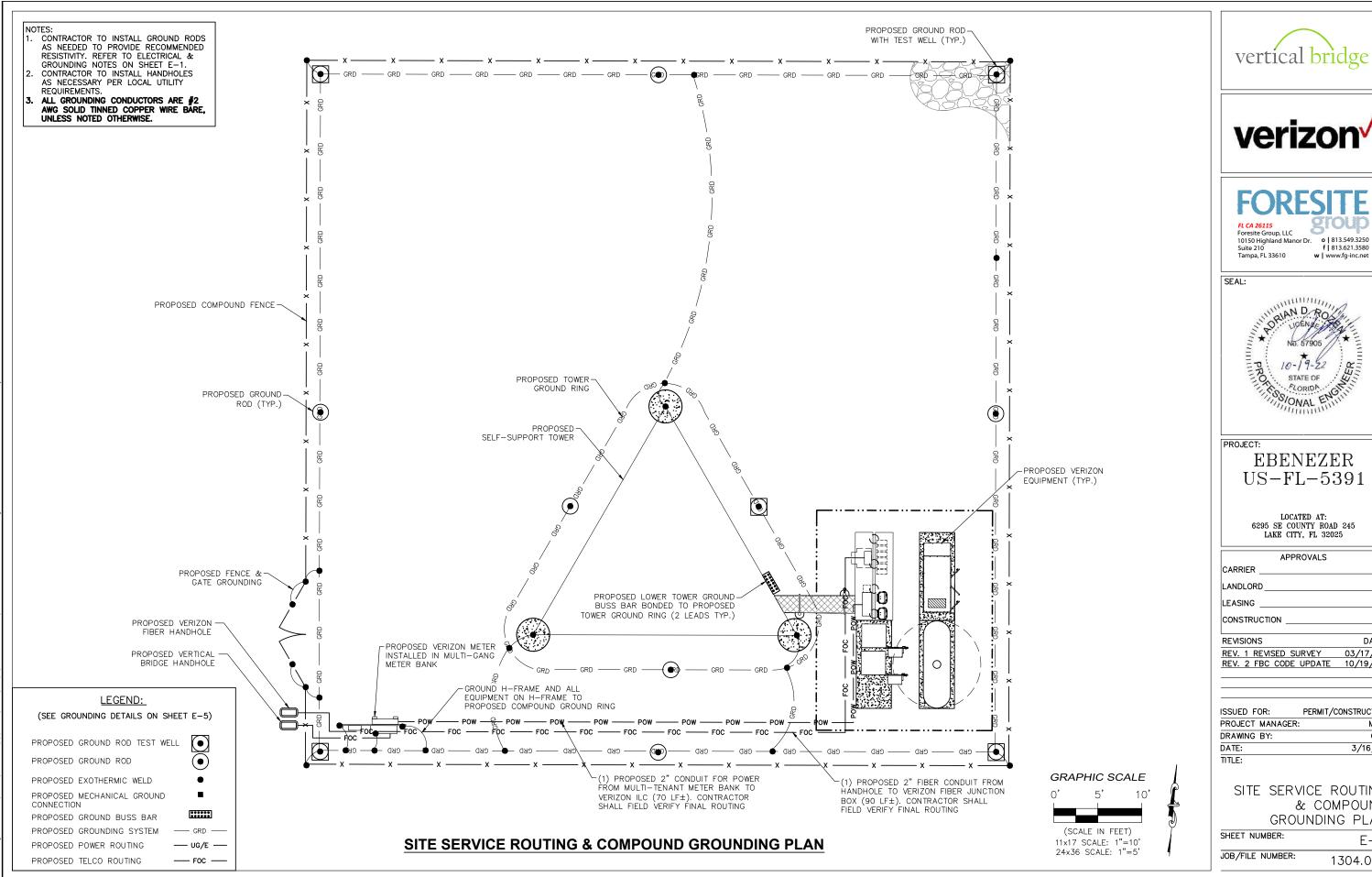
E-2

ONE-LINE DIAGRAM & PANEL SCHEDULE

SHEET NUMBER:

JOB/FILE NUMBER: 1304.002

**ELECTRICAL DETAILS** 







w | www.fg-inc.net



**EBENEZER** 

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS

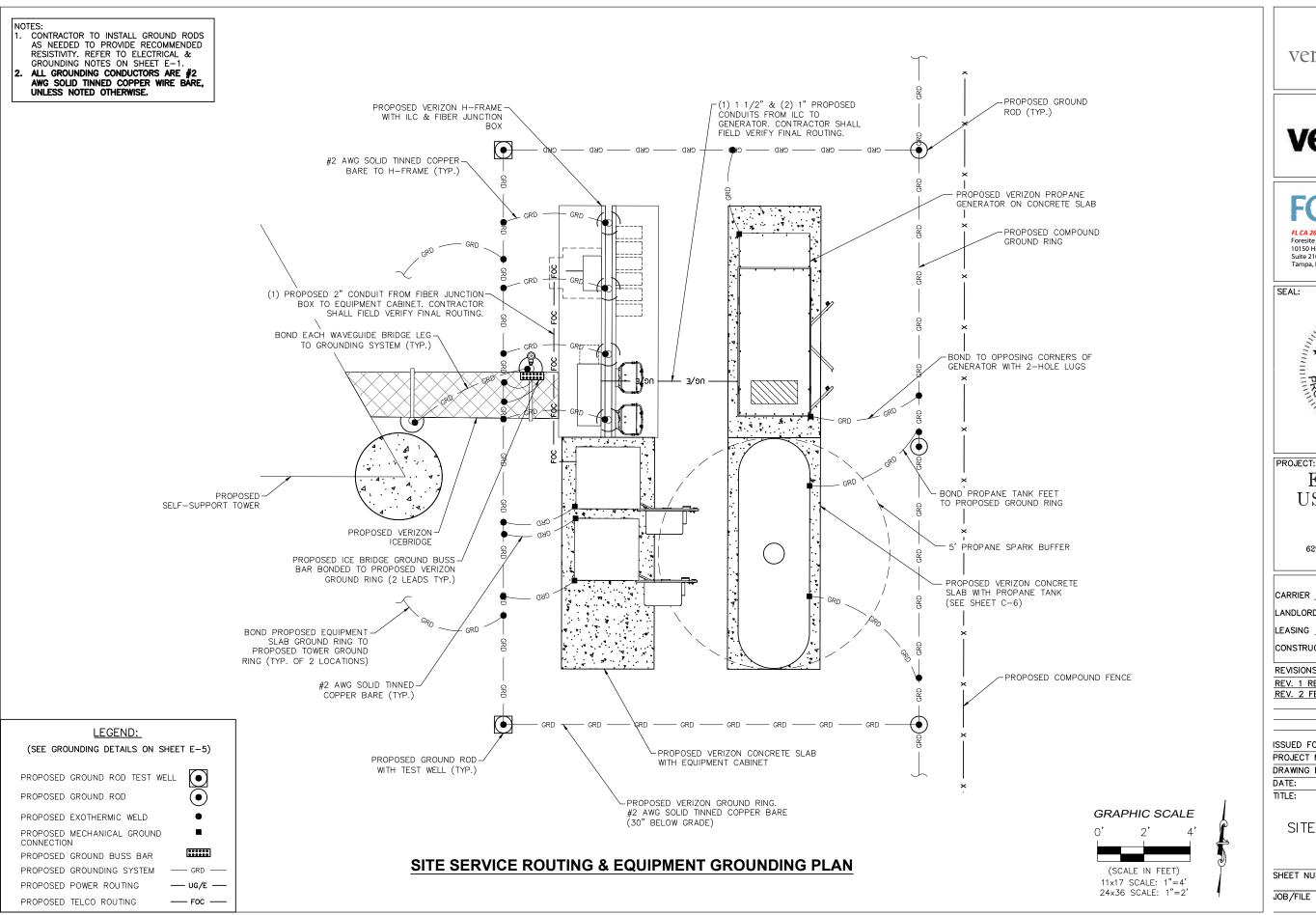
REV. 1 REVISED SURVEY 03/17/20 REV. 2 FBC CODE UPDATE 10/19/22

PERMIT/CONSTRUCTION MWM GRG 3/16/20

> SITE SERVICE ROUTING & COMPOUND GROUNDING PLAN

1304.002

E-3

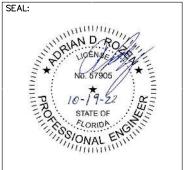








| 10150 Highland Manor Dr. | 0 | 813.549.3250 | Suite 210 | f | 813.621.3580 | Tampa, FL 33610 | w | www.fg-inc.net



EBENEZER US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS	
CARRIER	
LANDLORD	
LEASING	
CONSTRUCTION	
DEVICIONS	DATE

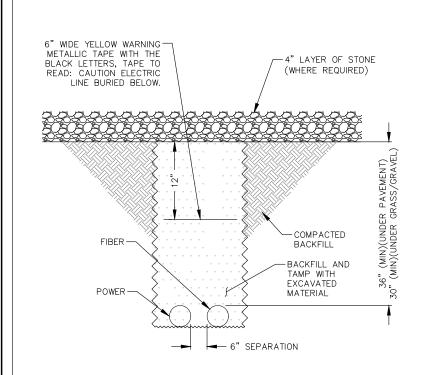
REVISIONS DATE
REV. 1 REVISED SURVEY 03/17/20
REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

SITE SERVICE ROUTING & EQUIPMENT GROUNDING PLAN

SHEET NUMBER: E−4

JOB/FILE NUMBER: 1304.002



(RIGID STEEL CONDUIT --RIGID STEEL PLUG FOR SPARE) COUPLING GRADE -RIGID STEEL TO PVC ADAPTOR RIGID STEEL -CONDUIT 2" SCHEDULE 80
PVC CONDUIT

NEW 24"x36"x24" DEEP. OPEN-BOTTOM FIBER HANDHOLE (TIER 22 SERIES, OR APPROVED EQUIVALENT). PROVIDE A LEVEL, COARSE ROCK BASE; 1' DEEP (MIN.), EXTENDING 6" (MIN.) BEYOND THE EXTERIOR FACE OF THE HANDHOLE. HANDHOLE SHALL BE ORDERED TO INCLUDE CUSTOMER ID INSET: ALL CONDUITS ENDS TO BE-SEALED WITH DUCT SEALANT "VZW FIBER OPTIC" -COARSE GRAVEL -EXISTING BACKFILL GRADE CONSULT WITH FIBER PROVIDER FOR MINIMUM BEND RADIUS OF FIBER CABLE. 1'-0" -FIBER CONDUITS MIN. W/MULE TAPE (SEE UTILITY TRENCH DETAIL FOR COVER)





Foresite Group, LLC
10150 Highland Manor Dr.
Suite 210

Suite 210

Suite 210

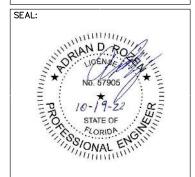
Suite 210

Suite 210

Suite 210

Tampa, FL 33610

w | www.fg-inc.net



PROJECT: **EBENEZER** US-FL-5391

> LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

> > APPROVALS

CARRIER LANDLORD LEASING CONSTRUCTION REVISIONS

REV. 1 REVISED SURVEY 03/17/20 REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION PROJECT MANAGER: MWM DRAWING BY: GRG DATE: 3/16/20 TITLE:

> GROUNDING & CONDUIT DETAILS

> > E-5

SHEET NUMBER:

JOB/FILE NUMBER: 1304.002

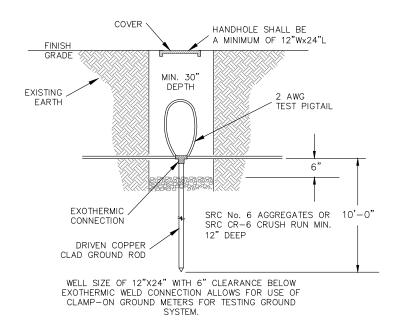
# **UTILITY TRENCH DETAIL**

NOT TO SCALE

**UNDERGROUND CONDUIT STUB-UP** 

NOT TO SCALE

FIBER HANDHOLE DETAIL NOT TO SCALE

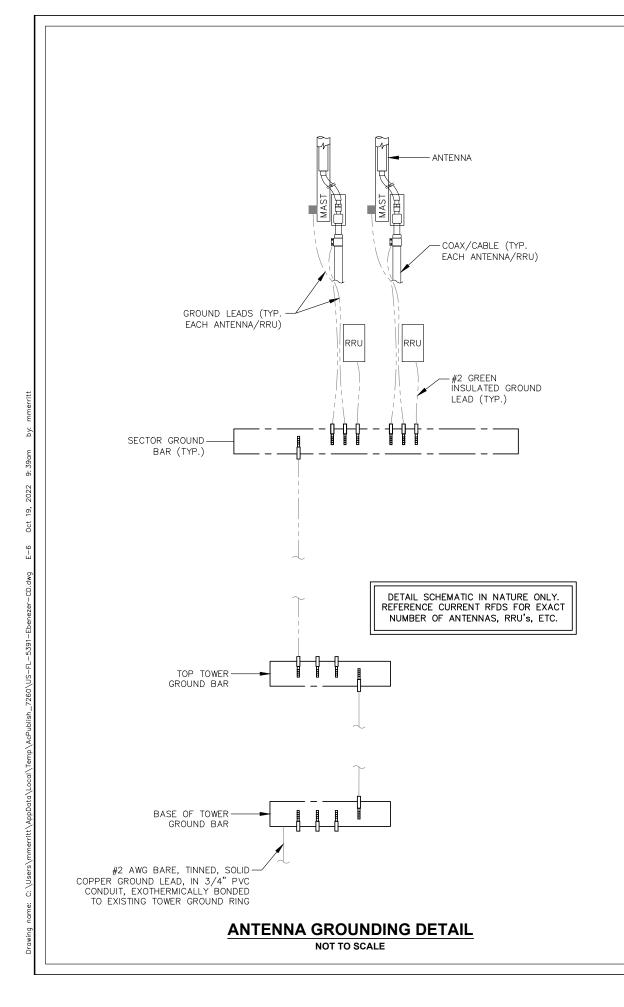


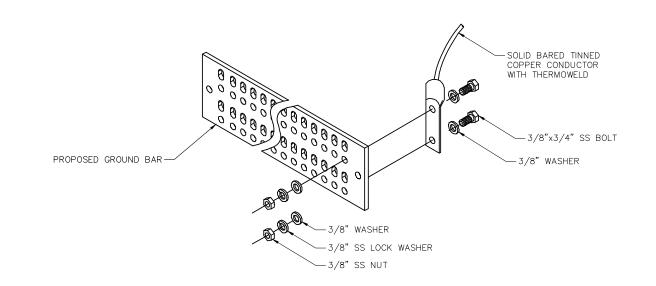
## **GROUND ROD TEST WELL DETAIL** NOT TO SCALE

GROUND RING GROUND RING SHALL BE A MINIMUM OF 30" BELOW GRADE AND BE BELOW GROUND ROD SHALL NOT BE ANGLED MORE THAN 30' FROM LOCAL FROSTLINE VERTICAL. ANGLE AWAY FROM SHELTER OR PAD WHERE EXOTHERMIC WELD / CONNECTION TREATED WITH POSSIBLE. TWO (2) COATS COLD 5/8" DIAMETER COPPER CLAD GALVANIZED PAINT STEEL GROUND ROD 10' LONG. AT LEAST 8' OF GROUND ROD IN CONTACT WITH SOIL

**GROUND ROD DETAIL** 

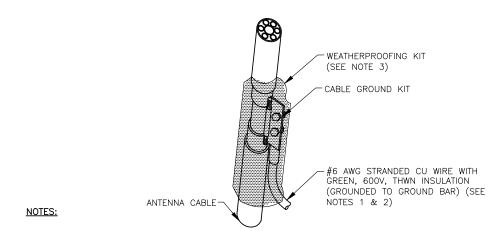
NOT TO SCALE





# TYP. GROUND BAR CONNECTION DETAIL

NOT TO SCALE



- 1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
- 2. GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
- 3. WEATHERPROOFING SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.

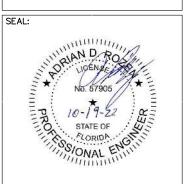
**CONNECTION OF GROUND KIT TO ANTENNA CABLE** 

NOT TO SCALE









EBENEZER
US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS

CARRIER \_\_\_\_

LANDLORD \_\_\_\_

LEASING \_\_\_

CONSTRUCTION \_\_\_\_

REVISIONS DATE

03/17/20

E-6

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

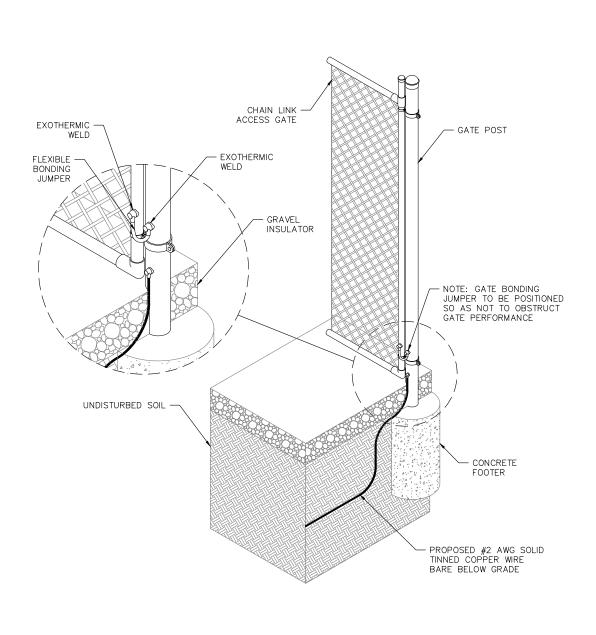
REV. 2 FBC CODE UPDATE 10/19/22

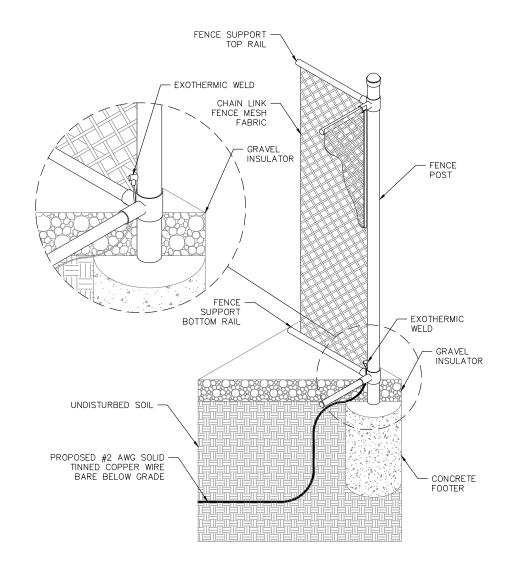
GROUNDING DETAILS

SHEET NUMBER:

REV. 1 REVISED SURVEY

JOB/FILE NUMBER: 1304.002





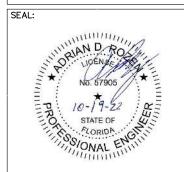




# FORESITE FORESITE STORESTE GROUP FL CA 26115 Foresite Group, LLC

Foresite Group, LLC
10150 Highland Manor Dr.
Suite 210
Tampa, FL 33610

V | www.fg-inc.net



EBENEZER
US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_

LEASING \_\_\_\_

CONSTRUCTION \_\_\_\_\_

REVISIONS DATE
REV. 1 REVISED SURVEY 03/17/20
REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

GROUNDING DETAILS

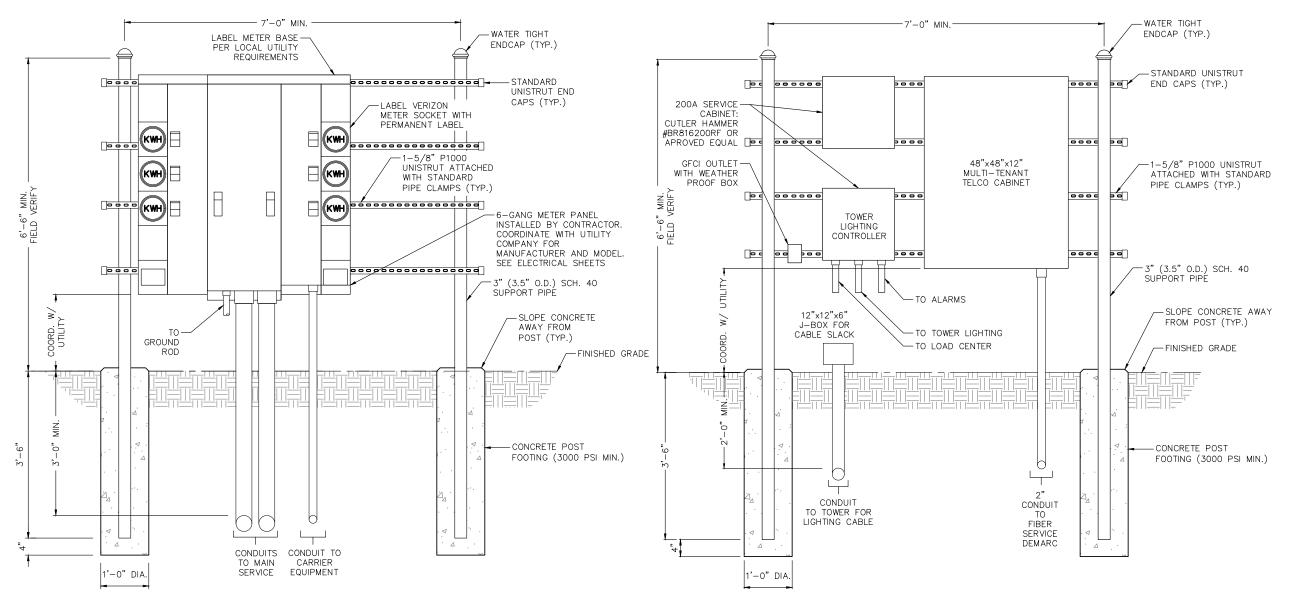
SHEET NUMBER: E-7JOB/FILE NUMBER: 1304.002

FENCE AND GATE GROUNDING DETAIL

NOT TO SCALE

#### NOTES:

- CONTRACTOR TO FIELD LOCATE THE METER PEDESTAL AS SHOWN ON SITE PLAN. INSTALL THE METER PEDESTAL NEAR THE PERIMETER OF THE FENCED COMPOUND WITH THE METERS FACING AS SHOWN.
- 2. THE CONTRACTOR SHALL COORDINATE THE THE LOCAL UTILITY COMPANY FOR THE CONDUIT RUN TO THE MAIN SERVICE CONNECTION OR TRANSFORMER.
- THE CONTRACTOR SHALL COORDINATE THE THE LOCAL UTILITY COMPANY FOR GROUND ROD REQUIREMENTS. IF REQUIRED, THE CONTRACTOR SHALL ORDER AND PAY FOR NECESSARY GROUND TESTS.
- 4. SUPPORT POST AND UNISTRUT SHALL BE GALVANIZED. PIPE CLAMPS AND HARDWARE SHALL BE GALVANIZED OR STAINLESS STEEL.
- 5. TELCO CABINET SHALL BE A 48"x48"x12" HOFFMAN OR EQUIVALENT. PROVIDE 3/4" PLYWOOD BACKBOARD INSIDE THE MULTI-TENANT TELCO CABINET.
- ADJUSTMENTS TO THE METER PEDESTAL DESIGN MAY BE REQUIRED DEPENDING ON THE EXACT METER PANEL INSTALLED. CONTRACTOR SHALL FIELD COORDINATE ADJUSTMENTS AND INFORM THE ENGINEER IF ANY UNUSUAL CONDITIONS ARE FOUND TO EXIST.



UTILITY H-FRAME DETAIL (GANG METER)
NOT TO SCALE

UTILITY H-FRAME DETAIL (TELCO)

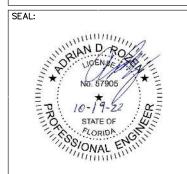
NOT TO SCALE







| 10150 Highland Manor Dr. | 0 | 813.549.3250 | Suite 210 | f | 813.621.3580 | Tampa, FL 33610 | w | www.fg-inc.net



EBENEZER
US-FL-5391

LOCATED AT: 6295 SE COUNTY ROAD 245 LAKE CITY, FL 32025

APPROVALS	
CARRIER	
LANDLORD	
LEASING	
CONSTRUCTION	
REVISIONS	DATE
DEV 1 DEVISED SUDVEY	03/17/20

REV. 2 FBC CODE UPDATE 10/19/22

ISSUED FOR: PERMIT/CONSTRUCTION
PROJECT MANAGER: MWM
DRAWING BY: GRG
DATE: 3/16/20
TITLE:

H-FRAME DETAILS

SHEET NUMBER: E-8

JOB/FILE NUMBER: 1304.002

Drawing name: C: \Users\mmerritt\AppData\Local\Temp\AcPublish\_7260\US-FL-5391