BUILDING/DWELLING CODE: FBC 2023 STRUCTURAL CODE: PLUMBING CODE: FBC 2023 MECHANICAL CODE: FBC 2023 FLECTRIC CODE: NEC 2020

FIRE/LIFE SAFETY CODE: FLORIDA FIRE PREVENTION CODE DESIGN WIND SPEED: 160 MPH

RISK CATEGORY: EXPOSURE CATEGORY:

RISK CATEGORY DESIGN WIND SPEEDS ARE BASED ON ASCE 7-22 CRITERIA FOR A 3-SECOND GUST. REFER TO STRUCTURAL ANALYSIS IN THE EVENT A CONFLICT ARISES BETWEEN STANDARD REQUIREMENTS AND LISTED CODES, THE MORE RESTRICTIVE REQUIREMENT WILL TAKE

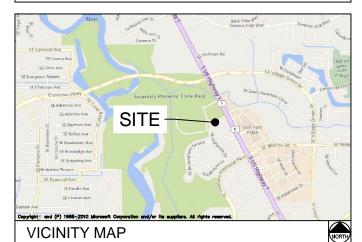
BUILDING CODES AND STANDARDS

PORT SAINT LUCIE POLICE DEPARTMENT

2000 SE VILLAGE GREEN DR PORT ST. LUCIE, FL 34952 PHONE: (772) 871-5000 ATTN.: CUSTOMER SERVICE

ST. LUCIE COUNTY FIRE DISTRICT-STATION 12

1850 SE VILLAGE GREEN DR PORT ST. LUCIE ST. FL 34952 PHONE: (772) 621-3512 ATTN.: CUSTOMER SERVICE





DRIVING DIRECTIONS

verizon

4700 EXCHANGE CT., SUITE 100 BOCA RATON, FL 33431

FPL SAVANNAH SUB CONCEPTUAL PLAN - SPECIAL EXCEPTION USE MDG LOCATION ID: 5000892493 FUZE PROJECT ID: 16689127

SITE ADDRESS

S US HIGHWAY 1 PORT ST. LUICE, FL 34952 ST. LUCIE COUNTY LATITUDE: 27° 18' 04.418" N

LONGITUDE: 80° 18' 27.452" W TAX/PIN #: 3435-133-0001-000-1

ZONING: GU

CITY OF PORT LUCIE P NUMBER: P24-131 - FP&L-SAVANNAH SUBSTATION-CELL

JURISDICTION: CITY OF PORT ST. LUCIE

STATE: FLORIDA

TOWER TYPE: MONOPOLE TOWER

TOWER HEIGHT: 150' (155' HIGHEST APPURTENANCE)

NUMBER OF CARRIERS: 1 PROPOSED

PROPOSED TELECOMMUNICATIONS TOWER AND UNMANNED EQUIPMENT

FLOOD INFO

SITE IS LOCATED WITHIN FEMA FLOOD MAP AREA 12111C0291K DATED 02/19/2020 WITHIN FLOOD ZONE X.

PROJECT SUMMARY

DEVELOPER

VERIZON WIRELESS 4700 EXCHANGE CT.. SUITE 100 BOCA RATON, FL 33431 PHONE: (954) 551-6310 ATTN: MARK BAESCH

POWER COMPANY FLORIDA POWER & LIGHT PHONE: 1(800) 226-3545 ATTN.: CUSTOMER SERVICE

TOWER OWNER FLORIDA POWER & LIGHT COMPANY 700 UNIVERSE BLVD PSX/JB JUNO BEACH, FL 33408

CONSULTANT

KIMLEY-HORN AND ASSOCIATES, INC. 11720 AMBER PARK DRIVE, SUITE 600 ALPHARETTA, GEORGIA 30009 PHONE: (770) 545-6105 ATTN.: DAVID FRANKLIN

CONTACTS

PARENT TRACT AREA: ±109943 SQ. FT / ±2.52 AC PROPOSED PROJECT AREA: ±3755 SQ. FT / ±0.086 AC

PROPOSED PROJECT AREA PERCENTAGE: 3.42% (PROJECT AREA / PARENT TRACT AREA)

PROPOSED LICENSEE AREA ±525 SQ. FT / ±0.012 AC

PROPOSED LICENSEE AREA PERCENTAGE: 0.48%

(LICENSEE AREA / PARENT TRACT AREA)

PROPOSED COMPOUND AREA: +525 SQ FT / +0.012 AC

PROPOSED COMPOUND AREA PERCENTAGE (COMPOUND AREA / PARENT TRACT AREA)

PROPOSED ACCESS DRIVE AREA: ±2030 SQ, FT / ±0.047 AC

±2555 SQ. FT / ±0.059 AC

PROPOSED ACCESS DRIVE AREA PERCENTAGE:

(ACCESS DRIVE AREA / PARENT TRACT AREA)

PERVIOUS TO IMPERVIOUS AREA PERCENTAGE:

SITE DATA

PERVIOUS TO IMPERVIOUS AREA:

SHEET NO.	SHEET TITLE	
T1	COVER SHEET	
C0	OVERALL CONCEPTUAL PLAN	
C1	CONCEPTUAL PLAN	
C2	ANTENNA AND TOWER ELEVATION DETAILS	
C3	FENCE DETAILS	
C4	SIGNAGE DETAILS	
SHEET INDEX		

CITY OF PORT ST. LUCIE PLANNING & ZONING DEPT.

121 S.W. PORT ST. LUCIE BOULEVARD, BUILDING B

PORT ST. LUCIE, FL 34984 PHONE: (772) 871-5212 ATTN.: CUSTOMER SERVICE

PERMIT INFORMATION

SITE NAME: FPL SAVANNAH SUB MDG.: 5000892493

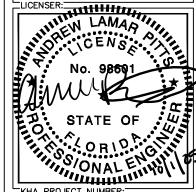
S US HIGHWAY 1 PORT ST. LUICE, FL 34952 ST. LUCIE COUNTY

PROJECT INFORMATION:

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY DREW PITTS, P.E.
ON THE DATE ADJACENT TO THIS SEAL.

__DATE:___ISSUED_FOR:___BY:

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	Ш	6			
	Ш	5			
	Ш	4	09/29/25	ZONING	ALP
	Ш	3	09/03/25	ZONING	ALP
	Ш	2	07/21/25	ZONING	DRC
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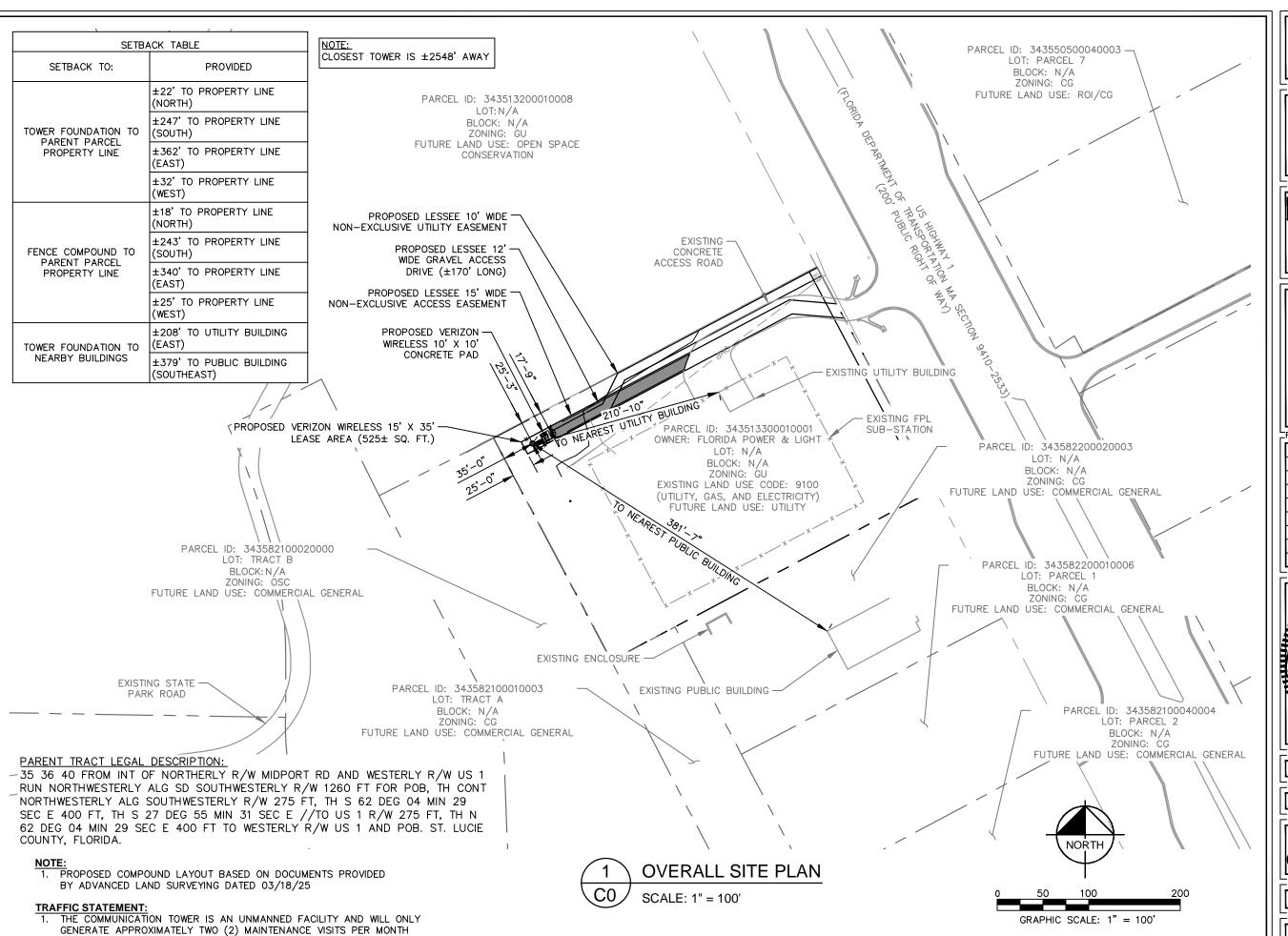
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SHEET TITLE:

COVER SHEET

SHEET NUMBER:

P NUMBER:



verizon

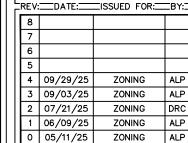
PROJECT INFORMATION:

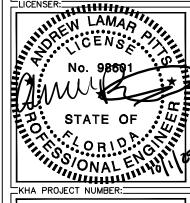
SITE NAME: FPL SAVANNAH SUB MDG.: 5000892493

S US HIGHWAY 1 PORT ST. LUICE, FL 34952 ST. LUCIE COUNTY

TPLANS PREPARED BY: T

WEST PALM BEACH, FL 33411
PHONE: (561) 845-0665
WWW.KIMLEY-HORN.COM





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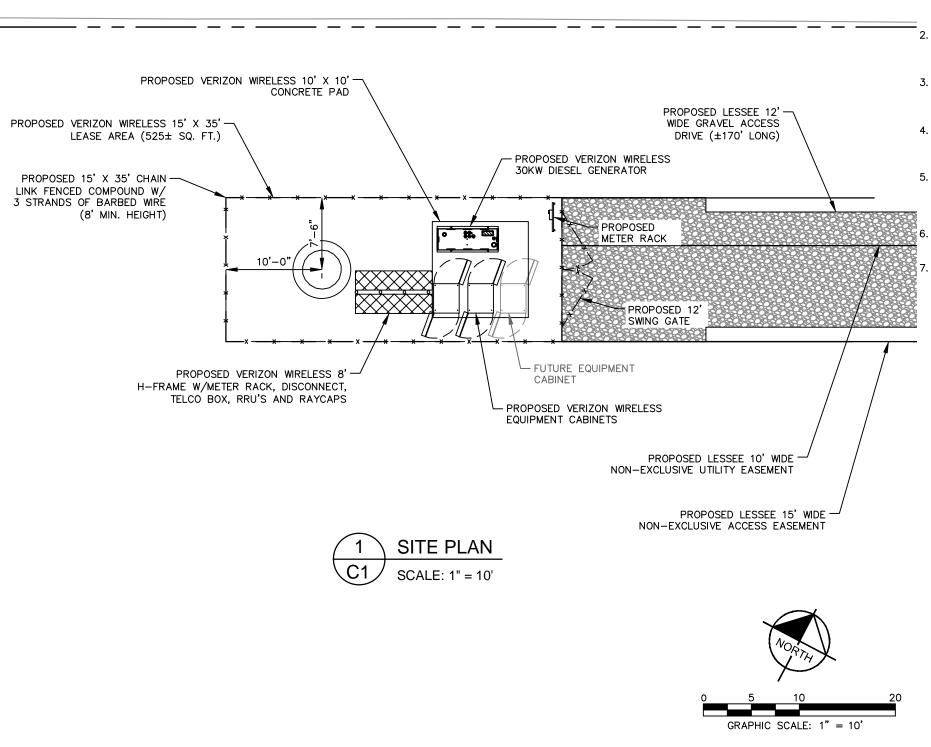
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ISHEET TITLE:

OVERALL CONCEPTUAL PLAN

SHEET NUMBER:

C0 P NUMBER:



SITE NOTES:

- 1. VERIZON WIRELESS STAFF SHALL COORDINATE WITH THE PROPERTY OWNER AND/OR TOWER OWNER TO OBTAIN THE PROPER EASEMENT AGREEMENTS TO CONSTRUCT AND MAINTAIN EQUIPMENT IN AND AROUND THE TOWER COMPOUND.
- 2. PROPOSED COMPOUND LAYOUT BASED ON SURVEY PROVIDED BY ADVANCED LAND SURVEYING DATED 03/18/25 AND SITE VISIT ON 11/06/23.
- 3. CONTRACTOR TO CONFIRM WITH VERIZON CONSTRUCTION MANAGER THAT THE SHELTER/EQUIPMENT SHOWN HAS BEEN ORDERED/SCHEDULED FOR DELIVERY TO THIS SITE.
- 4. THE BASIS OF EQUIPMENT DESIGN INCLUDES ONE (1) RF CABINET, ONE (1) FUTURE BATTERY CABINET, AND ONE (1) FUTURE EXPANSION
- 5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND MODIFYING SCOPE OF WORK TO ACCOMMODATE ANY CHANGES IN THE EXACT EQUIPMENT PROCURED BY VERIZON WIRELESS. COORDINATE ANY CHANGES WITH VERIZON WIRELESS CONSTRUCTION MANAGER.
- 6. ROUTE COAX/FIBER UP TOWER PER STRUCTURAL ANALYSIS BY TOWER OWNER.
- TOWER DIMENSIONS SHOWN ON THIS PLAN ARE FOR TOWER CENTER LOCATION. CONTRACTOR TO OBTAIN COPY OF TOWER ERECTION DRAWINGS FROM VERIZON CONSTRUCTION MANAGER PRIOR TO DRILLING TOWER FOUNDATIONS. CASSIONS AND TOWER SHOWN ON THIS PLAN ARE ILLUSTRATIVE, SEE DESIGN DRAWING BY OTHERS. DO NOT

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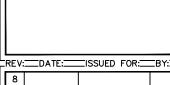
PROJECT INFORMATION: SITE NAME:

FPL SAVANNAH SUB MDG.: 5000892493

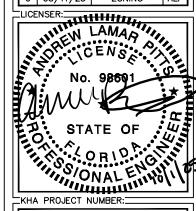
S US HIGHWAY 1 PORT ST. LUICE, FL 34952 ST. LUCIE COUNTY

TPLANS PREPARED BY: T

1920 WEKIVA WAY, SUITE 200 WEST PALM BEACH, FL 33411 PHONE: (561) 845-0665 WWW.KIMLEY-HORN.COM



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SHEET TITLE:

CONCEPTUAL PLAN

SHEET NUMBER:

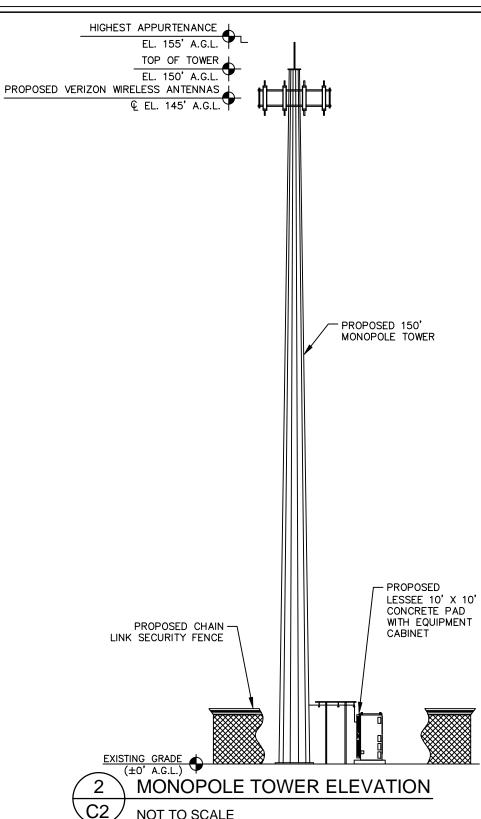
P NUMBER:

SEE SHEET C4 FOR PROPOSED SIGNAGE NECESSARY TO MEET THE REQUIREMENTS OF SECTION 158.213(J) OF THE PORT ST. LUCIE

1. ALL INFORMATION ON THIS PAGE IS PROVIDED BY VERIZON WIRELESS AND/OR OTHERS AND IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY, CONTRACTOR SHALL CONTACT THE VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION FOR ALL DETAILED ANTENNA, AND COAX CABLE INFORMATION.

- 2. REFER TO STRUCTURAL ANALYSIS BY TOWER OWNER FOR ANALYSIS OF PROPOSED TOWER.
- 3. IT IS UNDERSTOOD THAT KIMLEY-HORN MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, FINDINGS, DESIGNS, RECOMMENDATIONS, SPECIFICATIONS, OPINION, OR PROFESSIONAL ADVICE RELATING TO THE STRUCTURAL ADEQUACY OF THE PROPOSED TOWER OR ATTACHMENT OF ANTENNAS OR OTHER APPURTENANCES.

REFER TO RFDS PROVIDED BY VERIZON. CONTRACTOR TO CONTACT THE VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION FOR THE CONSTRUCTION RFDS.



NOT TO SCALE NOTES:

- 1. ALL EXISTING ATTACHMENTS TO TOWER BASED ON STRUCTURAL ANALYSIS BY OTHERS (SEE GENERAL NOTE 1.07, SHEET N1).
- 2. THE TOWER ELEVATION SHOWN ABOVE IS FOR REFERENCE ONLY.
- 3. COAX/FIBER CABLE LENGTHS ARE APPROXIMATE. CONTRACTOR TO VERIFY CORRECT LENGTH IN FIELD AT TIME OF CONSTRUCTION.
- 4. FOR CLARITY, EXISTING STRUCTURES NOT SHOWN.
- 5. PROPOSED ANTENNAS WILL BE LIGHT GRAY IN COLOR.
- 6. TOWER WILL NOT BE ILLUMINATED

verizon^v

SITE NAME: FPL SAVANNAH SUB MDG.: 5000892493

S US HIGHWAY 1 PORT ST. LUICE, FL 34952 ST. LUCIE COUNTY

TPLANS PREPARED BY: T

PROJECT INFORMATION:

1920 WEKIVA WAY, SUITE 200 WEST PALM BEACH, FL 33411 PHONE: (561) 845-0665 WWW.KIMLEY-HORN.COM

REV: DATE: ISSUED FOR: BY: 6 4 09/29/25 ZONING 3 09/03/25 ZONING 2 07/21/25 1 06/09/25 ZONING

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013509590 DRAWN BY: CHECKED BY:

SHEET TITLE:

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ANTENNA AND **TOWER ELEVATION DETAILS**

SHEET NUMBER:

TP NUMBER:

verizon^v

PROJECT INFORMATION:

SITE NAME: FPL SAVANNAH SUB PROJECT #: 16689127 S US HIGHWAY 1 PORT ST. LUICE, FL 34952 ST. LUCIE COUNTY

PLANS PREPARED BY:

21/4" O.D. STANDARD

GALV. CORNER AND

GATE POST

STEEL GALV.

TENSION BAR

GALV. RAIL AND

TENSION WIRE

BAND (TYP.)

TOP RAIL

CHAIN LINK FENCE FABRIC

LINE POST

8'-0" O.C.

FINISH

GRADE

MAX.

3'-0"

(TYP.)

TENSION / BRACE

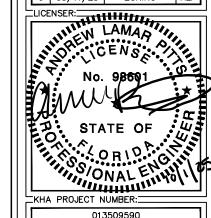
FINISH GRADE

BRACE PIPE (TYP.) 7 GA. GALV.

1%" O.D. STANDARD

1920 WEKIVA WAY, SUITE 200 WEST PALM BEACH, FL 33411 PHONE: (561) 845-0665 WWW.KIMLEY-HORN.COM

REV: DATE: ISSUED FOR: BY: 6 4 09/29/25 ZONING 3 09/03/25 ZONING 2 07/21/25 ZONING 1 06/09/25 ZONING 0 05/11/25 ZONING



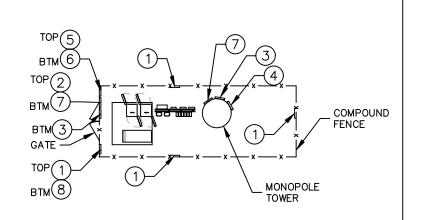
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ISHEET TITLE:

FENCE DETAILS

SHEET NUMBER:

C3 TP NUMBER:



NOTE: SEE TYPICAL SIGNS AND SPECIFICATIONS DETAIL ON THIS SHEET FOR SIGN DESIGNATIONS.

C4

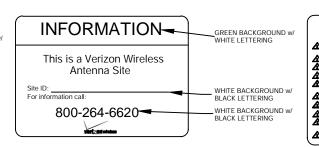
SIGN PLACEMENT PLAN VIEW

NOT TO SCALE



(1) NO-TRESPASSING SIGN

18" HIGH X 24" WIDE (OPERATIONS PROVIDED)



(2) VERIZON WIRELESS - SITE ID SIGN

15" HIGH X 23" WIDE (OPERATIONS PROVIDED)



BLUE BACKGROUND w/

WHITE BACKGROUND w/

WHITE BACKGROUND w/

(3) NOTICE-RFE SIGN

NOTICE

((●))

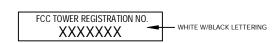
NOTICE

RADIO FREQUENCY ENVIRONMENT AREA

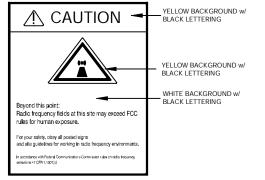
12" HIGH X 18" WIDE (OPERATIONS PROVIDED)

RED BACKGROUND w/ **⚠** WARNING RED BACKGROUND w/ BLACK LETTERING WHITE BACKGROUND w/ BLACK LETTERING Beyond this point Radio frequency fields at this site may exceed FCC

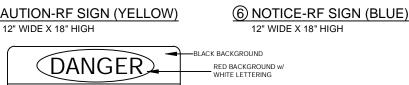
(4) WARNING-RF SIGN (RED) 12" WIDE X 18" HIGH



(7) FCC REGISTRATION SIGN 20 WIDE X 4" HIGH



(5) CAUTION-RF SIGN (YELLOW)



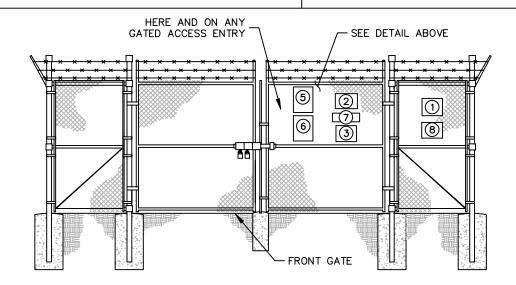
WHITE BACKGROUND w/ HIGH SIGNAGE SPECIFICATIONS

(8) HIGH VOLTAGE SIGN 12" HIGH X 18" WIDE

NOT TO SCALE

1. SIGNS SHALL BE FABRICATED FROM CORROSION RESISTANT PRESSED METAL, AND PAINTED WITH LONG LASTING UV RESISTANT COATINGS.

2. SIGNS (EXCEPT WHERE NOTED OTHERWISE) SHALL BE MOUNTED TO THE TOWER, GATE, AND FENCE USING A MINIMUM OF 9 GAUGE ALUMINUM WIRE, HOG RINGS (AS UTILIZED IN FENCE INSTALLATIONS) OR BRACKETS WHERE NECESSARY. BRACKETS SHALL BÉ OF SIMILAR METAL AS THE STRUCTURE TO AVOID GALVANIC CORROSION.



SIGN PLACEMENT FRONT GATE VIEW

NOT TO SCALE

verizon

PROJECT INFORMATION:

SITE NAME: **FPL SAVANNAH SUB**

PROJECT #: 16689127 S US HIGHWAY 1 PORT ST. LUICE, FL 34952 ST. LUCIE COUNTY

TPLANS PREPARED BY:

1920 WEKIVA WAY, SUITE 200 WEST PALM BEACH, FL 33411 PHONE: (561) 845-0665 WWW.KIMLEY-HORN.COM

REV: DATE: ISSUED FOR: BY: 6

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DRAWN BY: CHECKED BY:

ISHEET TITLE:

SIGNAGE DETAILS

SHEET NUMBER:

C4

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