

Cover Sheet: WR#11265212

Page 1 of 2

INACCESSIBLE

13KV

FUTURE 23KV

23KV

SALT SPRAY

ROCK

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- THE MATERIAL CONTAINED HEREIN MAY CONTAIN INACCURACIES. THERE ARE NO EXPRESSED OR IMPLIED WARRANTIES.

- THE USER IS WARNED TO UTILIZE AT HIS/HER OWN RISK. USER ASSUMES RISK OF ANY AND ALL LOSS.

CAUTION

- THIS DRAWING IS MERELY AN APPROXIMATION. EXACT LOCATION OF FPL COMPANY UNDERGROUND FACILITIES MUST BE DETERMINED PRIOR TO ANY SUBSURFACE OPERATIONS IN THIS AREA.

- ALL BOUNDARIES ARE APPROXIMATE. ONLY ACCURATE ON THE DAY OF THIS TRANSMISSION. FACILITY LOCATION AND DEPTH SUBJECT TO CHANGE WITHOUT NOTICE. NOT TO BE USED FOR SURVEY OR EXCAVATION PURPOSES.

NOTE: THE LOCATION AND EXISTENCE OF ANY FACILITIES MAY NOT BE RELIED UPON BY THE SUPPLIER IN RESPONDING TO A BID OR IN COMPLYING WITH ANY CONTRACT. SUPPLIER IS RESPONSIBLE FOR EVALUATING SITE CONDITIONS BOTH ABOVE AND BELOW GROUND INCLUDING UNDERGROUND FACILITY LOCATIONS.

PLEASE BE ADVISED THAT RECEIPT OF THIS DRAWING AND/OR SURVEY, WHICH IS AN APPROXIMATION, DOES NOT RELIEVE YOU OF ANY STATUTORY OBLIGATIONS, INCLUDING THE PROVISIONS CONTAINED IN SECTION 556, FLORIDA STATUTES.

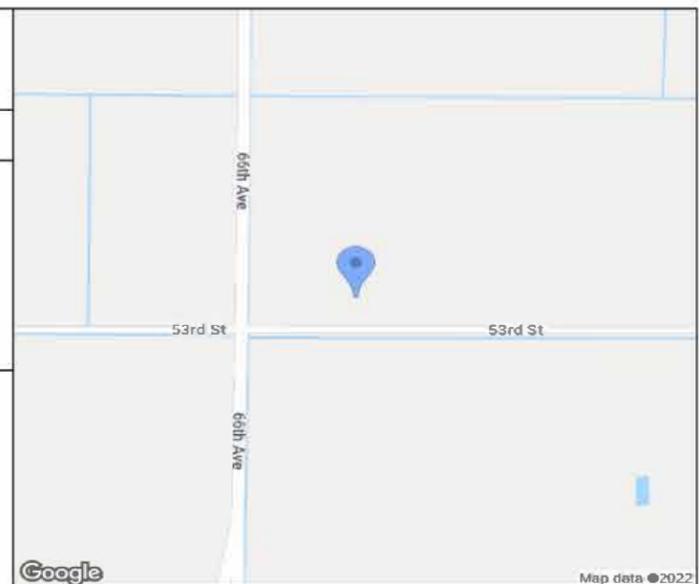
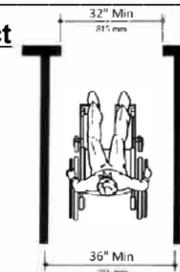
CALL 811 (Sunshine811) PRIOR TO ANY EXCAVATION ACTIVITIES

**CALL SUNSHINE #811
48 HOURS BEFORE YOU DIG
LOCATE MARKINGS COLOR CODE**

	ELECTRIC		WATER
	GAS-OIL-STEAM		SEWER
	TEMP. SURVEY MARKINGS		CABLE TV
	PROPOSED EXCAVATION		

American Disabilities Act

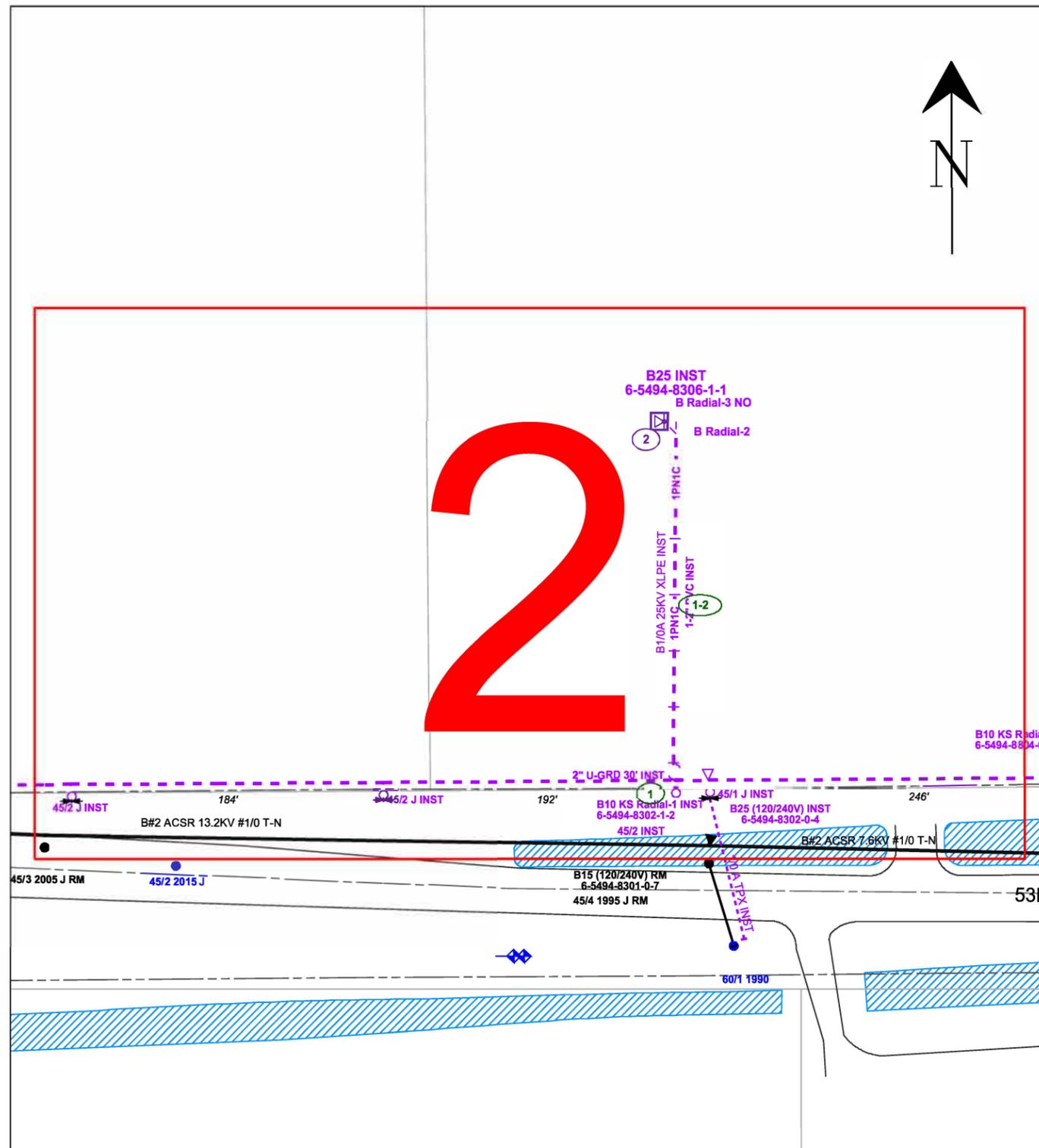
If pole placement location does not meet the minimum single point distance of 32" from edge of curb or back of sidewalk, contact your Production Lead, for further instructions.



CONSTRUCTION NOTES:

REQUIRED DRAWINGS:

- TRENCH:**
- CENTERLINE OF TRENCH IS 5 FT OUTSIDE RW
- EASEMENT:**
- 10 FEET FRONT, 5 FEET SIDE, 8 FEET REAR
 - MAINTAIN A MINIMUM OF 12" SEPERATON FROM ALL OTHER UTILITIES
 - INSTALL #12C WIRE ALONGSIDE EMPTY COUNDUIT RUNS
 - EXTEND PVC 10FT FROM TX FOR FUTURE SERVICES
 - CUSTOMER INSTALLED CONDUIT: ALL
- CABLE:**
- 1PN1C IS 1CC #1/0A 25KV-XLPE IN 1-2" PVC WITH 36" MIN COVER
 - SECONDARY IS #4/0 TPX HM-HD IN 1-2" PVC WITH 24" MIN COVER (UNLESS NOTED)
- ALL CABLE AND/OR CONDUIT ENDS ARE TO BE MARKED WITH AN ELECTRONIC MARKER
- (XXX') DENOTES CABLE PULL DISTANCE
 - UNDERGROUND OBSTRUCTIONS ARE TO BE LOCATED PRIOR TO DIGGING
 - INSTALL NEUTRAL BOND FOR COMMUNICATION COMPANIES AT ALL SINGLE PHASE TRANSFORMERS PER D.C.S. G-11.0.0
 - ALL HANDHOLES ARE 24" (UNLESS NOTED)
 - ALL TRANSFORMERS ARE LOW STYLE (UNLESS NOTED)
 - EXTEND SERVICE PVC 10 ft INTO CUSTOMER PROPERTY FUSING:
 - FUSE ALL PHASES AT 50K
- STREET LIGHTS:**
- STREET LIGHTS ARE 9500L HPSV TRADITIONAL ON 20 FT FIBERGLASS POLES - FPL OWNED AND MAINTAINED



PRINTED BY: JCL0BRT
PLOT DATE/TIME: 04/11/2022 09:50:36
Size: 11 x 17
REVISION

IPC	DATE	REVISION
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4		



Easement? <input type="checkbox"/>	Tree Work? <input type="checkbox"/>	Tree Access? <input type="checkbox"/>	Tree Staking Req'd? <input type="checkbox"/>
Designer/Stake? <input type="checkbox"/>	CT/Special Mtr? <input type="checkbox"/>	Work with SMO? <input type="checkbox"/>	Survey/Stake? <input type="checkbox"/>
POLE LINE FT:	POLE LINE FT. ON TRANSM. POLES:	TRENCH FT:	DUCT BANK FT:
PERMIT REQ'D	CITY <input type="checkbox"/>	COUNTY RD <input type="checkbox"/>	COUNTY AIR <input type="checkbox"/>
	STATE RD <input type="checkbox"/>	FAA <input type="checkbox"/>	
	WMD <input type="checkbox"/>	RR XING <input type="checkbox"/>	DR. DIST. <input type="checkbox"/>
	TRANS. <input type="checkbox"/>		
Requested Tel. Co. Set Poles? <input type="checkbox"/>	Requested Tel. Co. Transfer? <input type="checkbox"/>	Request CATV Transfer? <input type="checkbox"/>	



Job Owner:	John Lupoe	M/A: TC	Township: 32 Range: 39 Section 17
Designer:	John Lupoe	CAP-200FT RADIAL TO PAD 120/240 SINGLE PH	
Date:	04/11/2022		
Scale: 1" = 82'		6520 53RD ST, VERO BEACH, 32967	
0' 82' 164'		Dwg No. 11265212_11x17 UG.xml	Map No. BK0637
		WR: 11265212	Page 1 of 2

FEEDERS: GIFFORD 12063

INACCESSIBLE

13KV

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SALT SPRAY

ROCK



6520 53RD ST, VERO BEACH (PL BARN)
TLN: 6-5494-8306-1-1

LOC 1: INST 2" PRI RISER DOWN PL

SPAN 1-2: PULL 1/0 PRI THROUGH CUST
INST 2" PVC

LOC 2: SET 25KVA B PH PMTX LOW STYLE



MOT 602

CALL SUNSHINE #811
48 HOURS BEFORE YOU DIG
LOCATE MARKINGS COLOR CODE

RED	ELECTRIC	BLUE	WATER
YELLOW	GAS-OIL-STEAM	GREEN	SEWER
PINK	TEMP. SURVEY MARKINGS	ORANGE	CABLE TV
WHITE	PROPOSED EXCAVATION		

Feet of ground rod installed	_____
Ground Resistance (Ohms)	_____

B25 INST
6-5494-8306-1-1
B Radial-3 NO

B Radial-2

B1/0A 25KV XLPE INST

1PN1C
1-2" PVC INST

2

1-2

B10 KS R
6-5494-88

2" U-GRD 30' INST

45/2 J INST

184'

45/2 J INST

192'

B10 KS Radial-1 INST
6-5494-8302-1-2

1

45/1 J INST

B25 (120/240V) INST
6-5494-8302-0-4

246'

B#2 ACSR 13.2KV #1/0 T-N

B#2 ACSR 7.6KV #1/0 T-N

REVISION
DATE
IPC
PRINTED BY: JCL0BRT
PLOT DATE/TIME: 04/11/2022 09:50:41
Size: 11 x 17

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AS-BUILT CREW PRINT		AS-BUILT COPY	
Foreman's Signature	Date	Initials	Cert. Date
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.			
Supervisor's Signature	Date		
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.			
Foreman's Signature	Date		

Easement? <input type="checkbox"/>	Tree Work? <input type="checkbox"/>	Tree Access? <input type="checkbox"/>	Tree Staking Req'd? <input type="checkbox"/>
Designer/Stake? <input type="checkbox"/>	CT/Special Mtr? <input type="checkbox"/>	Work with SMO? <input type="checkbox"/>	Survey/Stake? <input type="checkbox"/>
POLE LINE FT:	POLE LINE FT. ON TRANSM. POLES:	TRENCH FT:	DUCT BANK FT:
PERMIT REQ'D	CITY <input type="checkbox"/>	COUNTY RD <input type="checkbox"/>	COUNTY AIR <input type="checkbox"/>
	WMD <input type="checkbox"/>	RR XING <input type="checkbox"/>	DR. DIST. <input type="checkbox"/>
	STATE RD <input type="checkbox"/>	TRANS. <input type="checkbox"/>	FAA <input type="checkbox"/>
Requested Tel. Co. Set Poles? <input type="checkbox"/>	Requested Tel. Co. Transfer? <input type="checkbox"/>	Request CATV Transfer? <input type="checkbox"/>	

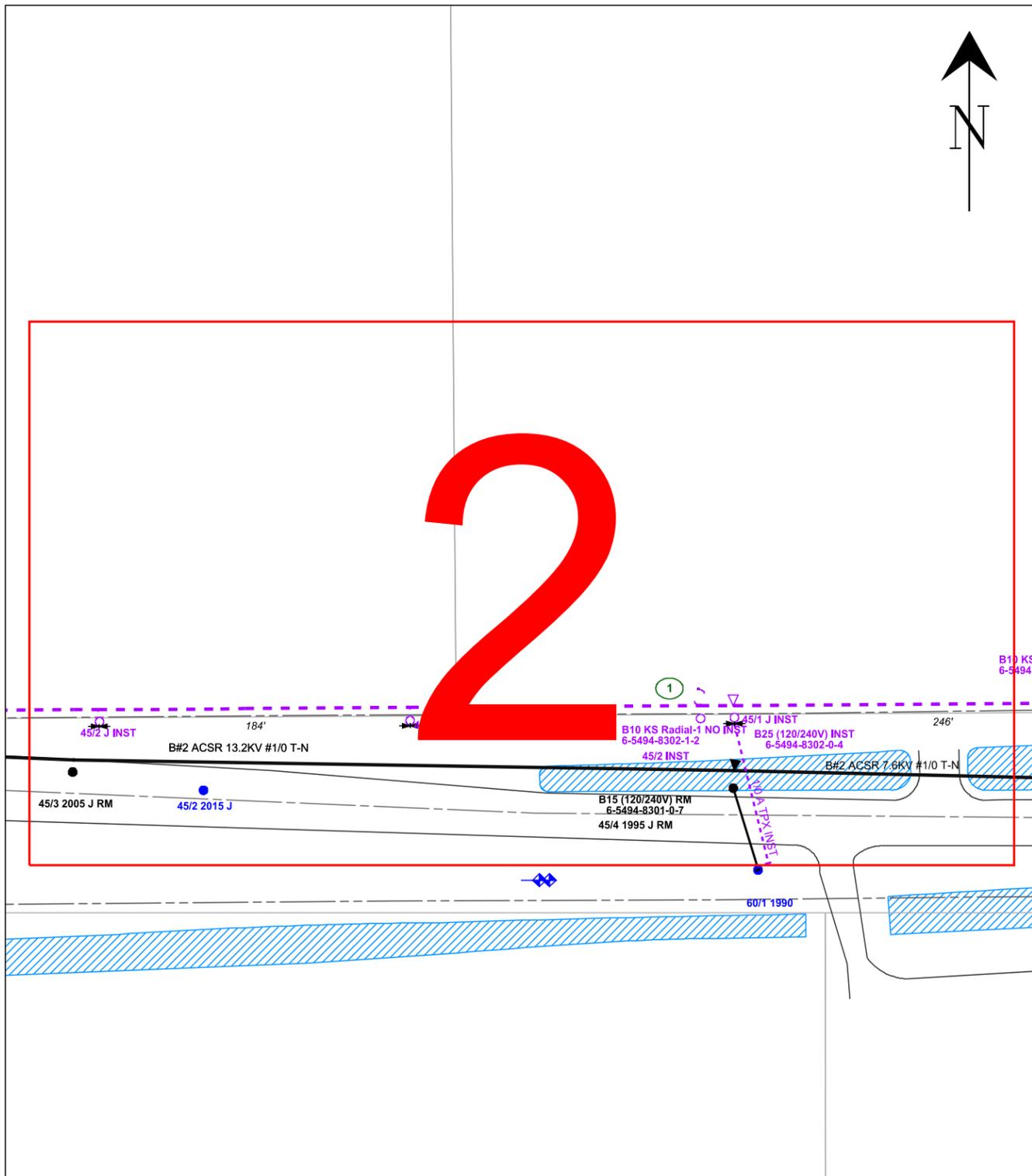


Job Owner:	John Lupoe	M/A: TC	Township: 32 Range: 39 Section 17
Designer:	John Lupoe	CAP-200FT RADIAL TO PAD 120/240 SINGLE PH	
Date:	04/11/2022		
Scale: 1" = 40'		6520 53RD ST, VERO BEACH, 32967	
0' 40' 80'		Dwg No. 11265212_11x17 UG.xml	Map No. BK0637
		WR: 11265212	Page 2 of 2

Cover Sheet: WR#11265227

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INACCESSIBLE 13KV FUTURE 23KV 23KV SALT SPRAY ROCK



GENERAL NOTES

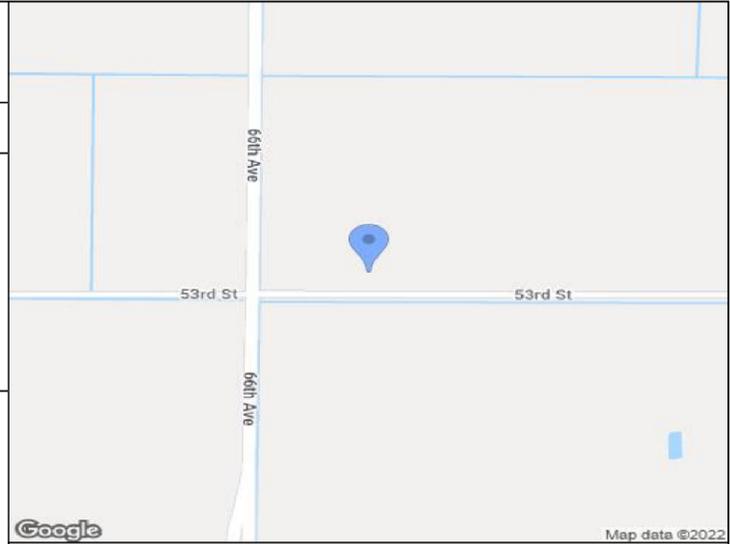
- NOTIFY CUSTOMERS OF TEMPORARY POWER AND TRAFFIC INTERRUPTIONS.
- PROVIDE WARNING SIGNALS FOR PEDESTRIANS AND TRAFFIC SIGNALS FOR MOTORISTS.
- SERVICE TO TRAFFIC SIGNAL, SCHOOL FLASHING SIGNAL, AND LIFT STATIONS MUST REMAIN ENERGIZED AT ALL TIMES.

STAKING NOTES:-INTERMEDIATE POLES: STAKE POLES IN-LINE AT STATED DISTANCES.

- POLE REPLACEMENT: STAKE POLES IN-LINE AND WITHIN 2' OF EITHER SIDE OF EXISTING POLE UNLESS OTHERWISE NOTED.
- ALL POLES STAKED WITH FIELD SIDE FACE AT R/W LINE UNLESS OTHERWISE NOTED.
- SEE BELOW FOR ADDITIONAL DETAILED STAKING NOTES.

GENERAL GROUNDING, GUYING, AND U-GUARD NOTES

- BOND WIRE (DCS D-2.0.0, FIG. 1 - 3 AND D-7.0.0, DETAIL A AND B)
- ATTACH BOND WIRE TO THE GUY WIRE AND DO NOT ATTACH TO PREFORMED GRIP.
- STREET LIGHT BRACKETS (DCS H-11.0.0, FIG. 1- 4 AND DCS H-11.1.0, FIG. 1 - 5)
- GROUND ALL STREET LIGHT BRACKETS (I.E. TO POLE BOND IF GROUND RODS ARE REQUIRED OR TO SYSTEM NEUTRAL IF NO GROUND RODS ARE REQUIRED.
- U-GUARDS (DCS UH-14.0.0 AND UH-14.0.2)
- WOOD POLES: USE TAPCON FASTENERS IN ALL BASE SECTION HOLES AND EVERY OTHER HOLE OF TOP SECTIONS.
- CONCRETE POLES: USE AT LEAST 10 TAPCON FASTENERS PER 10 FOOT U-GUARD SECTION AND AT LEAST 6 TAPCON FASTENERS FOR SHORTER SECTIONS.
- BACK PLATE (DCS UH-14.0.1)
- REQUIRED ON FIRST 10 FOOT SECTION ABOVE GROUND (WOOD AND CONCRETE POLES).
- GUYING (DCS D-2.0.0)
- GUYS SHALL HAVE A GUY MARKER (GUY GUARD) INSTALLED AT ALL LOCATIONS.
- RISER (DCS G-10.1.0 AND G-10.2.0)
- BOND ALL METAL RISER CONDUITS ON POLES.
- GROUND RODS (DCS G-3.0.1)
- TOP MUST BE A MINIMUM OF 6 INCHES BELOW GRADE.



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CONSTRUCTION NOTES:

- FRAMING IS BASED ON THE POWER SYSTEMS DISTRIBUTION CONSTRUCTION STANDARDS (DCS MANUAL).
- ALL POLES TO BE SET PER DCS D-3.0.0 UNLESS NOTED OTHERWISE.
- SET POLES WITH BRANDING FACING THE STREET WHENEVER POSSIBLE.
- INSTALL TLM TAGS AS INDICATED ON DRAWING.
- TAG FUSE SIZE ON POLE AS INDICATED ON DRAWING.
- CHECK VOLTAGE ROTATION AND CONTINUITY AT EACH TRANSFORMER AND RISER LOCATION.

CALL SUNSHINE #811 48 HOURS BEFORE YOU DIG

LOCATE MARKINGS COLOR CODE

RED	ELECTRIC	BLUE	WATER
YELLOW	GAS-OIL-STEAM	GREEN	SEWER
PINK	TEMP. SURVEY MARKINGS	ORANGE	CABLE TV
WHITE	PROPOSED EXCAVATION		

American Disabilities Act

If pole placement location does not meet the minimum single point distance of 32" from edge of curb or back of sidewalk, contact your Production Lead, for further instructions.

PRINTED BY: JCL0BRT
PLOT DATE/TIME: 04/11/2022 09:27:46
Size: 11 x 17
REVISION

DATE	1	2	3	4
IPC				



Easement? <input type="checkbox"/>	Tree Work? <input type="checkbox"/>	Tree Access? <input type="checkbox"/>	Tree Staking Req'd? <input type="checkbox"/>
Designer/Stake? <input type="checkbox"/>	CT/Special Mtr? <input type="checkbox"/>	Work with SMO? <input type="checkbox"/>	Survey/Stake? <input type="checkbox"/>
POLE LINE FT:	POLE LINE FT. ON TRANSM. POLES:	TRENCH FT:	DUCT BANK FT:
PERMIT REQ'D	CITY <input type="checkbox"/>	COUNTY RD <input type="checkbox"/>	COUNTY AIR <input type="checkbox"/>
	STATE RD <input type="checkbox"/>	FAA <input type="checkbox"/>	
	WMD <input type="checkbox"/>	RR XING <input type="checkbox"/>	DR. DIST. <input type="checkbox"/>
	TRANSM. <input type="checkbox"/>		
Requested Tel. Co. Set Poles? <input type="checkbox"/>	Requested Tel. Co. Transfer? <input type="checkbox"/>	Request CATV Transfer? <input type="checkbox"/>	

	Job Owner:	John Lupoe	M/A: TC	Township: 32 Range: 39 Section 17
	Designer:	John Lupoe	CAP-INST 45/2 PL W/ OH FUSE 20FT W OF PLID 346364	
	Date:	04/11/2022	Scale: 1" = 84'	
	6520 53RD ST, VERO BEACH, 32967		Dwg No. 11265227_11x17 OH.xml	Map No. BK0637
0' 84' 168'		WR: 11265227	Page 1 of 2	

FEEDERS: GIFFORD 12063

INACCESSIBLE

13KV

FUTURE 23KV

23KV

SALT SPRAY

ROCK



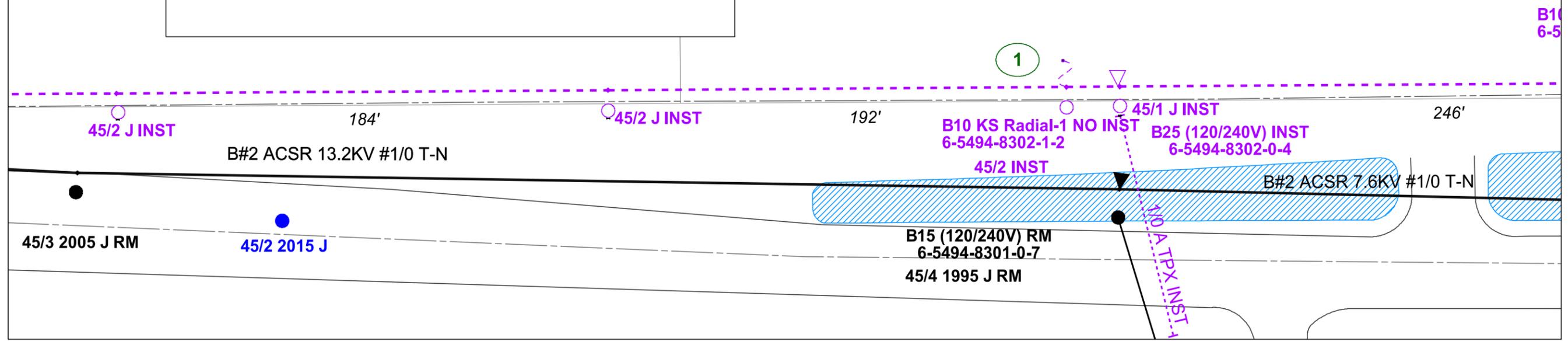
6520 53RD ST, VERO BEACH (POLE BARN)
TLN: 6-5494-8302-1-2

LOC 1: INST 45/2 PL 20FT W OF EXISTING
PL W/ 1PH-TAN-Mod Ver-PTB-Post Tie-E-5.1.0
F1
INST A 10KS OH FS

MOT 602

CALL SUNSHINE #811 48 HOURS BEFORE YOU DIG LOCATE MARKINGS COLOR CODE			
RED	ELECTRIC	BLUE	WATER
YELLOW	GAS-OIL-STEAM	GREEN	SEWER
PINK	TEMP. SURVEY MARKINGS	ORANGE	CABLE TV
WHITE	PROPOSED EXCAVATION		

REVISION
Size: 11 x 17
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PLOT DATE/TIME: 04/11/2022 09:27:50



DATE	IPC
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AS-BUILT CREW PRINT		AS-BUILT COPY	
Foreman's Signature	Date	Initials	Cert. Date

Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.									
Easement? <input type="checkbox"/>		Tree Work? <input type="checkbox"/>		Tree Access? <input type="checkbox"/>		Tree Staking Req'd? <input type="checkbox"/>			
Designer/Stake? <input type="checkbox"/>		CT/Special Mtr? <input type="checkbox"/>		Work with SMO? <input type="checkbox"/>		Survey/Stake? <input type="checkbox"/>			
Supervisor's Signature		Date		POLE LINE FT:		POLE LINE FT. ON TRANSM. POLES:		TRENCH FT:	
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.		PERMIT REQ'D		CITY <input type="checkbox"/>	COUNTY RD <input type="checkbox"/>	COUNTY AIR <input type="checkbox"/>	STATE RD <input type="checkbox"/>	FAA <input type="checkbox"/>	
Foreman's Signature		Date		WMD <input type="checkbox"/>	RR XING <input type="checkbox"/>	DR. DIST. <input type="checkbox"/>	TRANSM. <input type="checkbox"/>		
Requested Tel. Co. Set Poles? <input type="checkbox"/>			Requested Tel. Co. Transfer? <input type="checkbox"/>			Request CATV Transfer? <input type="checkbox"/>			



Job Owner:	John Lupoe	M/A: TC	Township: 32 Range: 39 Section 17
Designer:	John Lupoe	CAP-INST 45/2 PL W/ OH FUSE 20FT W OF PLID 346364	
Date:	04/11/2022		
Scale: 1" = 40'		6520 53RD ST, VERO BEACH, 32967	
0' 40' 80'		Dwg No. 11265227_11x17 OH.xml	Map No. BK0637
		WR: 11265227	Page 2 of 2