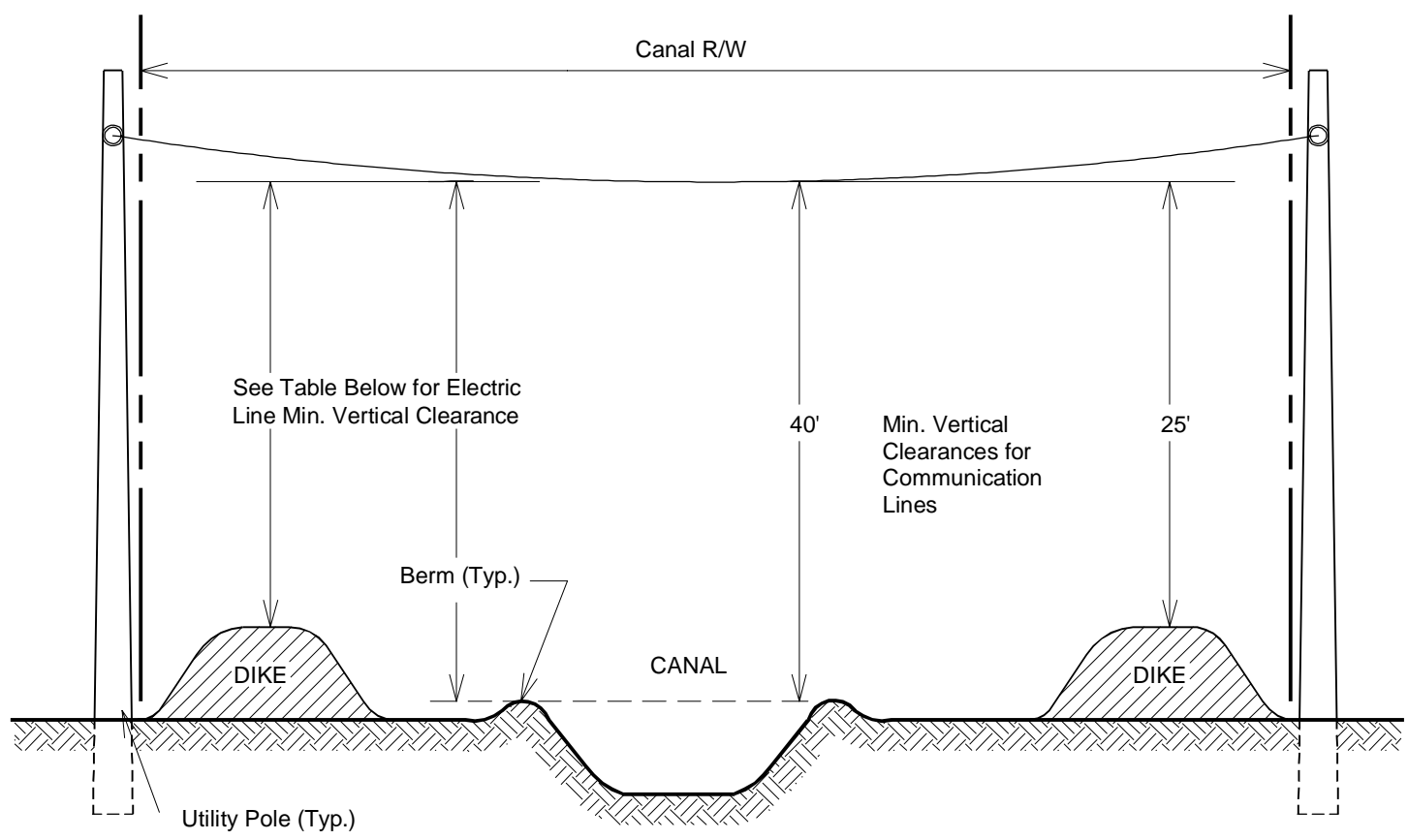


DWG. NO. P:\86-0271\60103392 GEN DIST ENG SVCS\400 TECHNICAL\401 GENERAL DIST ENG SVCS\SJD PERMIT MANUAL\EXHIBITS\EXHIBIT VI.DWG



### ELEVATION

Not to Scale

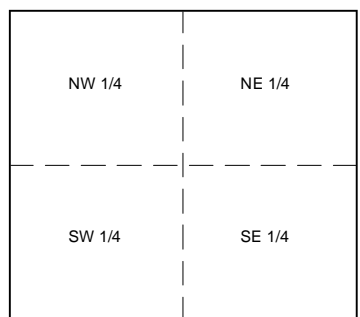
### TABLE OF ELECTRICAL VERTICAL CLEARANCES

Crossing Over	Voltage Of Crossing Circuit						
	Phase To Phase	Guys (Grounded)	69kV	115kV	138kV	240kV	500kV
	Phase TO Ground		50kV & Under	67kV	80kV	138kV	289kV
Minimum Vertical Clearance From Berm	40'-0"	45'-0"	45'-8"	46'-2"	48'-0"	54'-0"	
Minimum Vertical Clearance From Dike	25'-0"	25'-0"	25'-0"	25'-0"	25'-0"	35'-0"	

**NOTES:**

- Overhead lines shall not be permitted to cross directly over District water control structures. Overhead communications and similar utility crossings over District water bodies are discouraged in favor of directional drill installations and will only be permitted as a variance granted by the Board.
- Poles Shall Not Be Located Within Canal Right-Of-Way.
- Clearances Shown Shall Be With Wires At Maximum Design Temperature And Final Sag.

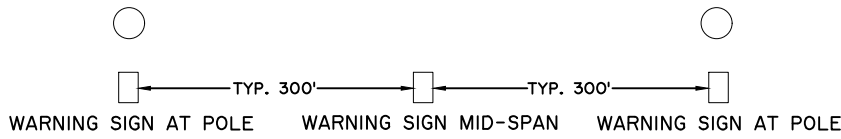
Indicate Location of Proposed Improvement Below:



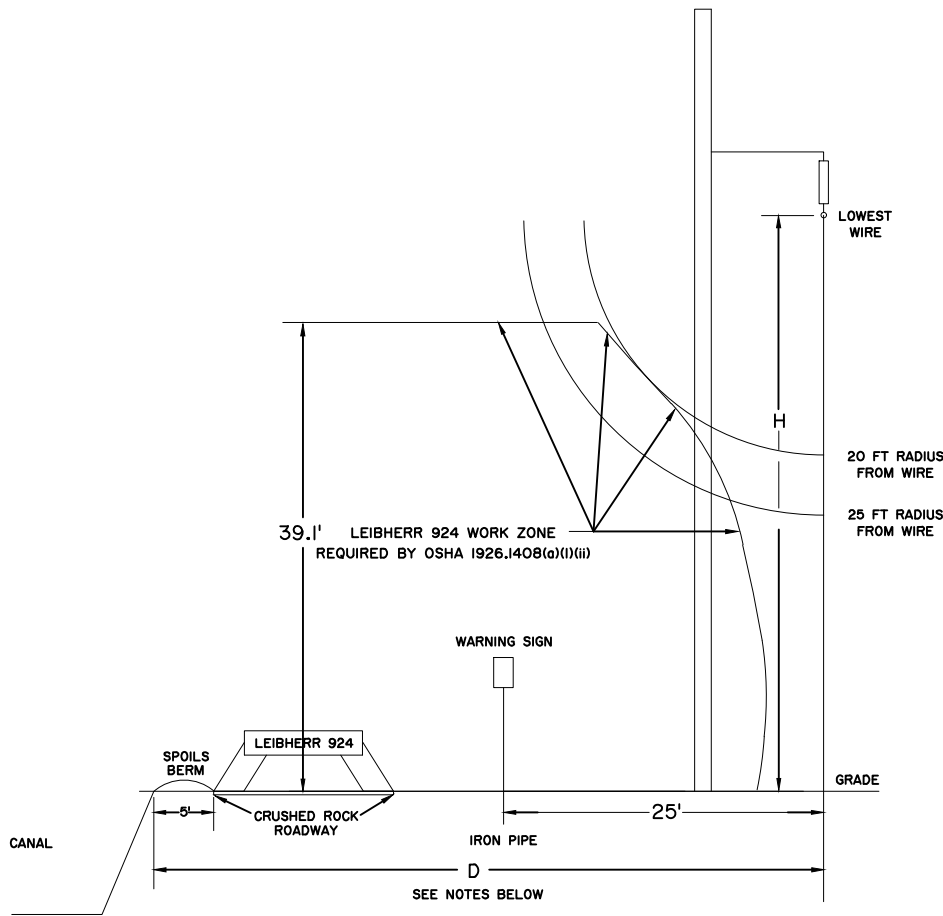
SEC. \_\_\_\_, TWP. \_\_\_\_, RGE. \_\_\_\_.

**VICINITY PLAN**

<b>ST. JOHNS IMPROVEMENT DISTRICT</b>	
SKETCH TO ACCOMPANY	
<b>OVERHEAD UTILITY CROSSING</b>	
DATE:	APPLICATION NUMBER :
CANAL NO.:	APPLICANT:



### WARNING SIGN SPACING



#### NOTES

THIS STANDARD IS BASED ON OSHA STANDARD NUMBER 1926.1408.  
 LEIBHERR 924 WORK ZONE BASED ON  
 LIEBHERR PUBLICATION LFR/SP 11841170-0.5-04.21.  
 THIS STANDARD DOES NOT APPLY TO TRANSMISSION CROSSINGS OF CANALS.

1. IF DISTANCE "D" IS 56 FT OR GREATER, WARNING SIGNS, OUTAGES, AND A CRUSHED ROCK ROADWAY ARE NOT REQUIRED. HEIGHT "H" SHALL CONFORM TO NATIONAL ELECTRICAL SAFETY CODE REQUIREMENTS.
2. IF DISTANCE "D" IS LESS THAN 56 FT, HEIGHT "H" SHALL BE 48 FEET MIN.
3. WHERE DISTANCE "D" IS GREATER THAN 47 FT BUT LESS THAN 54 FEET, WARNING SIGNS, A LINE OUTAGE, AND A CRUSHED ROCK ROADWAY ARE NOT REQUIRED.
4. WHERE DISTANCE "D" IS 47 FT OR LESS, WARNING SIGNS ARE REQUIRED. WARNING SIGNS SHALL INCLUDE THE WORDS "HIGH VOLTAGE HAZARD".
5. WHERE DISTANCE "D" IS 47 FT OR LESS, BUT GREATER THAN 30 FT, A SPOTTER OR A TRANSMISSION LINE OUTAGE IS REQUIRED, BUT A CRUSHED WHITE ROCK ROADWAY IS NOT REQUIRED.
6. WHERE DISTANCE "D" IS 30 FT OR LESS, A CRUSHED ROCK ROADWAY IS REQUIRED.

Fort Pierce Engineering, Inc.  
 Dependable Mechanical, Electrical  
 & Plumbing Design  
 C.A. No. 28173

315 South 7th Street  
 Fort Pierce, FL, 34950  
 Phone: 772 672-4636  
 Fax: 772 672-4637

PROJECT NAME:  
 ST. JOHN'S IMPROVEMENT DISTRICT PERMIT STANDARDS

CLIENT:  
 CARTER ASSOCIATES, INC.  
 1708 21ST STREET  
 VERO BEACH, FLORIDA  
 32960

**ENGINEER SEAL**

TIMOTHY C. TREWYN, PE  
 FL PE 61580

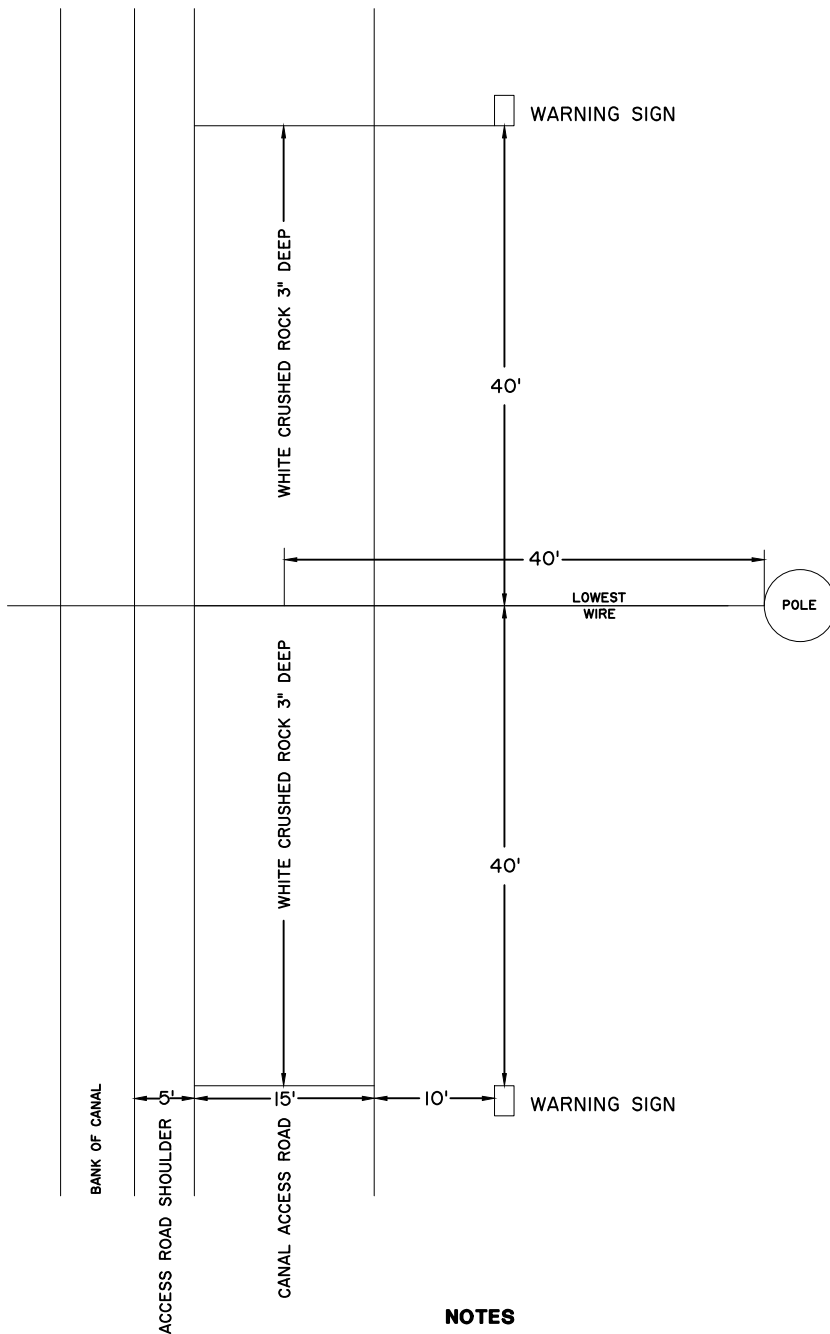
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**SHEET TITLE**

**230kV ELECTRIC  
 TRANSMISSION  
 LINE CLEARANCE  
 REQUIREMENTS  
 PARALLEL TO  
 CANAL**

ISSUE DATE: **02-22-2022**

DRAWN: **TCT**  
 APPROVED: **TCT**



**NOTES**

THIS STANDARD IS BASED ON OSHA STANDARD NUMBER 1926.1408.  
 LEIBHERR 924 WORK ZONE BASED ON  
 LEIBHERR PUBLICATION LFR/SP 11841170-0.5-04.21.

1. IF THE HEIGHT OF THE LOWEST ENERGIZED TRANSMISSION LINE WIRE IS LESS THAN 60 FEET ABOVE THE CANAL ACCESS ROAD, THEN WARNING SIGNS AND A CRUSHED ROCK ROADWAY SHALL BE PROVIDED AND INSTALLED AS SHOWN IN THE FIGURE ABOVE.
2. IF THE HEIGHT OF THE LOWEST ENERGIZED TRANSMISSION LINE WIRE IS GREATER THAN 60 FEET ABOVE THE CANAL ACCESS ROAD, THEN SIGNS AND A CRUSHED ROCK ROADWAY ARE NOT REQUIRED.
3. THE HEIGHT OF THE LOWEST ENERGIZED TRANSMISSION LINE WIRE SHALL NOT BE LESS THAN 48 FEET ABOVE THE CANAL ACCESS ROAD,
4. NO PART OF A TRANSMISSION POLE SHALL BE WITHIN 40 FEET OF THE CENTER OF THE CANAL ACCESS ROAD,

**PROJECT NAME:**  
 ST. JOHN'S IMPROVEMENT DISTRICT PERMIT STANDARDS

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 32960

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**SHEET TITLE**  
 230kV ELECTRIC  
 TRANSMISSION  
 LINE CLEARANCE  
 REQUIREMENTS  
 PERPENDICULAR TO  
 CANAL

ISSUE DATE: 03-08-2022

DRAWN: TCT  
 APPROVED: TCT