



**RECEIVED**

March 3, 2020

**BURKHARDT  
CONSTRUCTION, INC.**

Mr. John Sfiropoulos, P.E.  
City Engineer  
City of Pompano Beach  
100 W Atlantic Blvd., Rm. 276  
Pompano Beach, FL 33060

***By brandon at 11:23:56 AM, 3/4/2020***

**Re: City of Pompano Beach  
Overhead to Underground Conversion Project  
Ocean Blvd (A1A) – Phase 2  
Binding Cost Estimate  
WR # 7544355**

Dear Mr. Sfiropoulos, P.E.:

FPL welcomes the opportunity to assist you in determining if underground service is right for your area. As per your request, we have completed the binding cost estimate for the project designated as the Ocean Blvd. Phase 1 Conversion. The binding cost estimate amount, known as the Contribution In Aid of Construction (C.I.A.C.), required for converting the area to underground is \$ 1,573,465. The underground drawings for the project are being finalized and a full set will be sent to you once they are complete. In addition, the cost estimate includes a more than \$1,344,457 adjustment credit for both FPL's new Government Adjustment Factor (G.A.F.) waiver and as required in the CIAC formula, tariff Section 12.1, credit for an equivalent overhead system designed at the current hardened (i.e. extreme wind) standard. Further the cost assumes the following:

- Customer performs all of the underground work.
- All work will be performed during the daylight hours, 8 A.M. to 5 P.M., Monday through Friday. Any after hours work, e.g. disconnect / reconnect service appointments, would be an additional expense for the Town.

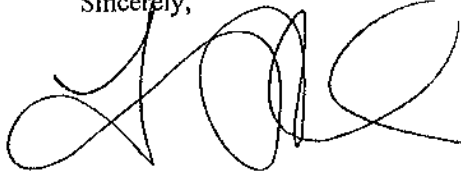
This binding cost estimate is valid for 180 days and a response must be received within that timeframe. Should you agree to move forward with the project, please sign and return the enclosed documents. Once we receive the acceptance package (e.g. partially executed documents), we will commence the construction process (i.e. initiate bid requests and material purchasing). Any deposits that you have already paid will be applied towards the CIAC and you must pay the remaining difference of \$ 1,573,465. Failure to execute the applicable Agreement and pay the CIAC specified in the Agreement within the 180 day time limit, or termination of the Agreement, shall result in the expiration of the binding cost estimate.

This estimate only includes the charges to be paid to FPL. There are additional costs which are the customer's responsibility and should also be considered. These potential costs include:

- Site restoration (sod, landscaping, pavement, sub-surface compaction, sidewalks, etc).
- Rearrangement of customer electric service entrances (requires electrician) from overhead to underground. Also, additional customer expense if local inspecting authorities require customer wiring to be brought up to current codes.
- Trenching/backfilling for service laterals.
- Removal and burial of other utilities (e.g. telecom, CATV, etc.).
- Any project scope changes that modify the enclosed drawings.
- Acquiring, describing, securing and recording of easements for underground facilities.

We look forward to working with you and the city as this project progresses. If you have any questions, please contact me at 954-327-3124.

Sincerely,



Terry Miller  
Project Manager, OH/UG Conversions  
Power Delivery  
FPL

**RECEIVED**

**BURKHARDT  
CONSTRUCTION, INC.**

***By brandon at 11:23:58 AM, 3/4/2020***

cc: Chanda Young-Brown – FPL  
Morton Friedrich – FPL

Attachments

## Overhead to Underground Conversion - Customer Cost Sheet

Project: City of Pompano Beach - Ocean Phase 2

Date Estimate Provided to Customer: 3/2/2020

Customer Performs ALL UG Work

### Underground Cost

New UG Installation (+)	\$1,895,616	Cost for FPL to install new underground facilities
Equivalent OH Installation (-)	(\$819,969)	Cost to install an overhead system at current hardening standards

### Existing Overhead Cost

OH Removal Cost & Make ready (+)	\$1,023,109	Cost for FPL to remove existing overhead facilities
Existing OH Value (+)	\$472,648	Net Book Value of existing OH facilities to be removed
Operational Costs Differential (+)	(\$471,224)	30-year Net present value of the est. operational OH / UG Diff. cost
Salvage Value (-)	(\$2,227)	Credit for re-usable items
<b>Subtotal*</b>	<b>\$2,097,953</b>	Total customer contribution as specified in Tariff 12.2.3
<b>GAF</b>	<b>(\$524,488)</b>	GAF - 25%
<b>CIAC</b>	<b>\$1,573,465</b>	
Engineering Deposit (-)	\$0	Engineering deposit previously collected
<b>Subtotal*</b>	<b>\$1,573,465</b>	
<b>Net Due FPL</b>	<b>\$1,573,465</b>	Total customer contribution owed

### Cost Breakdowns for Customer Contributions

	Total	Labor/Vehicle	Material	Direct Engineering, Supervision, and Support
New UG Facilities (+)	\$1,895,616	\$0	\$1,471,121	\$424,495
Credit for equivalent OH (-)	(\$819,969)	(\$343,400)	(\$356,776)	(\$119,793)
OH Removal Cost & Make ready (+)	\$1,023,109	\$505,131	\$376,668	\$141,310
<b>Total</b>	<b>\$2,098,756</b>	<b>\$161,731</b>	<b>\$1,491,013</b>	<b>\$446,012</b>
Net Book Value (+)	\$472,648			
Operational Costs Differential (+)	(\$471,224)	2.6 miles		
Salvage Value (-)	(\$2,227)			
<b>Subtotal*</b>	<b>\$2,097,953</b>			
<b>GAF</b>	<b>(\$524,488)</b>			
<b>CIAC</b>	<b>\$1,573,465</b>			
Engineering Deposit (-)	\$0			Engineering deposit previously collected
<b>Subtotal*</b>	<b>\$1,573,465</b>			
<b>Net Due FPL</b>	<b>\$1,573,465</b>			

### Major Material Breakdown

	Quantity	Item
Install	98,405	Primary UG Cable (feet)
	12	UG Switch Cabinet
	32	UG Transformer (each)
	3	Splice box for UG feeder (each)
Remove	36,386	OH Primary Conductor (feet)
	61	Poles (each)
	17	OH Transformer (each)
	0	Primary UG Cable (feet)

**RECEIVED**

**BURKHARDT  
CONSTRUCTION, INC.**

By brandon at 11:24:36 AM, 3/4/2020

# **INSTALLATION OF UNDERGROUND ELECTRIC DISTRIBUTION FACILITIES FOR THE CONVERSION OF OVERHEAD ELECTRIC DISTRIBUTION FACILITIES**

## **SECTION 12.1 DEFINITIONS**

**APPLICANT** - Any person, corporation, or entity capable of complying with the requirements of this tariff that has made a written request for underground electric distribution facilities in accordance with this tariff.

**CONVERSION** - Any installation of underground electric distribution facilities where the underground facilities will be substituted for existing overhead electric distribution facilities, including relocations.

**CONTRIBUTION-IN-AID-OF-CONSTRUCTION (CIAC)** - The CIAC to be paid by an Applicant under this tariff section shall be the result of the following formula:

- CIAC =**
- + 1) The estimated cost to install the requested underground facilities;
  - + 2) The estimated cost to remove the existing overhead facilities; <sup>a</sup>
  - + 3) The net book value of the existing overhead facilities; <sup>a</sup>
  - 4) The estimated cost that would be incurred to install new overhead facilities, in lieu of underground, to replace the existing overhead facilities (the "Hypothetical Overhead Facilities");
  - 5) The estimated salvage value of the existing overhead facilities to be removed; <sup>a</sup>
  - + 6) The 30-year net present value of the estimated non-storm underground v. overhead operational costs differential,
  - 7) The 30-year net present value of the estimated average Avoided Storm Restoration Costs ("ASRC") calculated as a percentage of the sum of lines 1) through 6). Simplified eligibility criteria for each ASRC Tier are summarized below. Applicants must enter into an Underground Facilities Conversion Agreement with the Company which provides full details on terms, conditions and compliance requirements.



By brandon at 11:28:47 AM, 3/4/2020

Tier	Percentage	Pole-Line Miles	Customer Conversions	Completion
1 *	25%	3 or more	100%	3 phases
2	10%	1 to <3	100%	3 phases
3	5%	< 1	n/a	n/a

\* The GAF Waiver will apply in lieu of Tier 1 ASRC for eligible conversions by Local Government Applicants.

<sup>a</sup> In calculating the Applicant's CIAC, elements 2, 3, and 5 of the CIAC formula above are to be excluded from CIAC due from an applicant who submits an application providing a binding notification that said applicant intends to convert existing non-hardened overhead feeder facilities to underground feeder facilities.

### **GAF Waiver**

For Applicants entering into an Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver with the Company, the otherwise applicable CIAC amount, as calculated above, shall be reduced by the GAF Waiver. The amount of the GAF Waiver shall be calculated as follows:

- GAF Waiver =**
- 25% x the otherwise applicable CIAC;
  - + 75% x the ASRC (avoids double-counting the ASRC embedded in the otherwise applicable CIAC.)

If the Applicant elects to construct and install all or part of the underground facilities, then for purposes of calculating the ASRC or the GAF Waiver amount only, the otherwise applicable CIAC shall be adjusted to add FPL's estimated cost for the Applicant-performed work. In addition, the Direct Engineering, Supervision, and Support (DESS) costs associated with this Applicant-performed work will be reduced by 20% from the amount that would have applied if FPL performed this work.

**DISTRIBUTION SYSTEM** - Electric service facilities consisting of primary and secondary conductors, service drops, service laterals, conduits, transformers and necessary accessories and appurtenances for the furnishing of electric power at utilization voltage.

**SERVICE FACILITIES** - The entire length of conductors between the distribution source, including any conduit and or risers at a pole or other structure or from transformers, from which only one point of service will result, and the first point of connection to the service entrance conductors at a weatherhead, in a terminal, or meter box outside the building wall; the terminal or meter box; and the meter.

(Continued on Sheet No. 6.301)

## FLORIDA POWER &amp; LIGHT COMPANY

(Continued from Sheet No. 6.300)

## SECTION 12.2 GENERAL

12.2.1 Application

This tariff section applies to all requests for underground electric distribution facilities where the facilities requested will be substituted for existing overhead electric distribution facilities. Any person, corporation, or entity capable of complying with the requirements of this tariff may submit a request as follows. Requests shall be in writing and must specify in detail the overhead electric distribution facilities to be converted or the area to be served by underground electric distribution facilities in lieu of presently existing overhead electric distribution facilities serving said area. Upon receipt of a written request, FPL will determine the feasibility of converting the existing facilities, any necessary revisions to this written request, and the non-refundable deposit amount necessary to secure a binding cost estimate and notify the applicant of said amount.

12.2.2 Contribution-in-Aid-Of-Construction (CIAC)

Upon the payment of a non-refundable deposit by an Applicant, FPL shall prepare a binding cost estimate specifying the contribution in aid of construction (CIAC) required for the installation of the requested underground distribution facilities, where the installation of such facilities is feasible, and provide said estimate to the Applicant upon completion of the estimate along with either an Underground Facilities Conversion Agreement or an Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver. The CIAC amount to be collected pursuant to a binding cost estimate from an Applicant shall not be increased by more than 10 percent of the binding cost estimate to account for actual costs incurred in excess of the binding cost estimate. However, the CIAC may be subject to increase or refund if the project scope is enlarged or reduced at the request of the Applicant, or the CIAC is found to have a material error prior to the commencement of construction. The binding cost estimate provided to an Applicant shall be considered expired if the Applicant does not enter into either an Underground Facilities Conversion Agreement or an Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver and pay the CIAC amount specified for the installation of the requested underground electric distribution facilities within 180 days of delivery of the binding cost estimate to the Applicant by FPL.

**RECEIVED**

By brandon at 11:28:52 AM, 3/4/2020

(Continued on Sheet No. 6.310)

(Continued from Sheet No. 6.301)

**12.2.3 Non-Refundable Deposits**

The non-refundable deposit for a binding cost estimate for conversion to a direct buried cable in conduit underground electric distribution system shall be determined by multiplying the number of pole line feet of existing overhead electric distribution facilities to be converted by \$1.20. The deposit must be paid to FPL to initiate the estimating process. The deposit will not be refundable, however, it will be applied in the calculation of the CIAC required for the installation of underground distribution facilities. The deposit and the preparation of a binding cost estimate are a prerequisite to the execution of either an Underground Facilities Conversion Agreement or an Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver. If the request for underground electric distribution facilities involves the conversion of less than 250 pole line feet of existing overhead facilities, then no deposit will be required for a binding cost estimate, provided, however, that all other requirements of this tariff shall still apply.

**12.2.4 Non-Binding Cost Estimates**

Any person, corporation, or entity may request a non-binding cost estimate free of charge. The non-binding cost estimate shall be an order of magnitude estimate to assist the requestor in determining whether to go forward with a binding cost estimate. Neither an Underground Facilities Conversion Agreement nor an Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver may be executed on the basis of a non-binding cost estimate.

**12.2.5 Underground Facilities Conversion Agreement**

Any Applicant seeking the installation of underground distribution facilities pursuant to a written request hereunder shall execute either the Underground Facilities Conversion Agreement set forth in this tariff at Sheet No. 9.720 or, if applicable, the Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver set forth in this tariff at Sheet No. 9.725. The applicable Agreement must be executed and the CIAC paid by the Applicant within 180 days of the delivery of the binding cost estimate to the Applicant. Failure to execute the applicable Agreement and pay the CIAC specified in the Agreement within the 180 day time limit, or termination of the Agreement, shall result in the expiration of the binding cost estimate. Any subsequent request for underground facilities will require the payment of a new deposit and the presentation of a new binding cost estimate. For good cause FPL may extend the 180 day time limit. Upon execution of either the Underground Facilities Conversion Agreement or the Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver, payment in full of the CIAC specified in the binding cost estimate, and compliance with the requirements of this tariff, FPL shall proceed to convert the facilities identified in a timely manner. However, new service extensions, maintenance and reliability projects, and service restorations shall take precedence over facilities conversions.

**12.2.6 Simultaneous Conversion of Other Pole Licensees**

Before the initiation of any project to provide underground electric distribution facilities pursuant to either an Underground Facilities Conversion Agreement or an the Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver the Applicant shall have executed agreements with all affected pole licensees (e.g. telephone, cable TV, etc.) for the simultaneous conversion of those pole licensees' facilities and provide FPL with an executed copy of the Agreement(s). Such agreements shall specifically acknowledge that the affected pole licensees will coordinate their conversion with FPL and other licensees in a timely manner so as to not create unnecessary delays. Failure to present FPL with executed copies of any necessary agreements with affected pole licensees within 180 days after delivery of the binding cost estimate to the Applicant shall result in the expiration of the binding cost estimate, the return of any CIAC paid, and the termination of any Underground Facilities Conversion Agreement or Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver entered into between the Applicant and FPL.

**12.2.7 Easements**

Before the initiation of any project to provide underground electric distribution facilities pursuant to either an Underground Facilities Conversion Agreement or an Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver, the Applicant shall provide FPL, at no cost to FPL, all easements, including legal descriptions of such easements and all survey work associated with producing legal descriptions of such easements, specified as necessary by FPL to accommodate the requested underground facilities along with an opinion of title that the easements are valid. Failure to provide the easements in the manner set forth above within 180 days after the delivery of the binding cost estimate to the Applicant shall result in the expiration of the binding cost estimate, the return of any CIAC paid, and the termination of any Underground Facilities Conversion Agreement or Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver entered into between the Applicant and FPL.

(Continued on Sheet No. 6.320)

**RECEIVED**BURKHARDT  
CONSTRUCTION, INC.

(Continued from Sheet No. 6.310)

**12.2.8 Affected Customer Services**

The Applicant shall be responsible for the costs associated with any modifications to the service facilities of customers affected by the conversion of FPL distribution facilities which are made necessary as a result of the conversion. The Applicant shall be responsible for arranging the conversion of affected residential overhead customer service facilities by providing, at no cost to FPL:

- a) any necessary rearranging of the customer's existing electric service entrance facilities to accommodate an underground service lateral through the use of a licensed electrical contractor, in accordance with all local ordinances, codes, and FPL specifications; and
- b) a suitable trench, install FPL provided conduit according to FPL specifications to a point designated by FPL, and perform the backfilling and any landscape, pavement or other similar repairs

FPL shall be responsible for the installation of the service lateral cable, the cost of which shall be included in the Applicant's binding cost estimate. In the event a customer does not allow the Applicant to convert the customer's affected overhead services, or the Applicant fails to comply with the above requirements in a timely manner consistent with FPL's conversion construction schedule, then the Applicant shall pay FPL, in addition to the CIAC specified in the binding cost estimate, the costs associated with maintaining service to said customer through an overhead service drop. The cost for maintaining an overhead service drop from an underground system shall be:

- a) the sum of \$789 for residential dwellings containing less than five individual units; or,
- b) the estimated cost to maintain service for residential dwellings containing five or more individual units.

For existing residential underground service laterals affected by a conversion the Applicant shall be responsible for the trenching, backfilling and any landscape, pavement or other similar repairs and installation of FPL provided conduit, according to FPL specifications, necessary to bring existing underground service laterals of affected customers to an FPL designated handhole or transformer. FPL will install the necessary cable, the cost of which shall be included in the binding cost estimate. However, in the event that a customer owned service lateral fails on connection to the underground distribution system the customer will be responsible for the replacement of their service lateral or compliance with section 10.5 of FPL's tariff.

The Applicant's responsibilities for modifications to the service facilities of non-residential customers affected by the conversion of FPL distribution facilities which are made necessary as a result of the conversion will be specified in an attachment to any Underground Facilities Conversion Agreement or Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver.

**12.2.9 Other Terms and Conditions**

Through the execution of either the Underground Facilities Conversion Agreement set forth in this tariff at Sheet No. 9.720 or the Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver set forth in this tariff at Sheet No. 9.725 the Applicant agrees to the following:

- a) The Applicant shall be responsible for all restoration of, repair of, or compensation for, property affected, damaged, or destroyed, to accommodate the installation of underground distribution facilities and the removal of FPL's overhead distribution facilities;
- b) subject to section 2.7 Indemnity to Company, or section 2.71 Indemnity to Company - Governmental, FPL's General Rules and Regulations, the Applicant shall indemnify FPL from any claim, suit, or other proceeding, which seeks the restoration of, or repair of, or compensation for, property affected, damaged, or destroyed, to remove existing facilities or to accommodate the installation of underground distribution facilities arising from or brought as a result of the installation of underground distribution facilities;
- c) the Applicant shall clear easements provided to FPL of trees, tree stumps and other obstructions that conflict with construction or installation of underground distribution facilities in a timely manner consistent with FPL's construction schedule.

(Continued on Sheet No. 6.330)

**RECEIVED****BURKHARDT  
CONSTRUCTION, INC.**

(Continued from Sheet No. 6.320)

**12.2.10 Type of System Provided**

An underground distribution system will be provided in accordance with FPL's current design and construction standards.

**12.2.11 Design and Ownership**

FPL will design, install, own, and maintain the electric distribution facilities up to the designated point of delivery except as otherwise noted. The Applicant may, subject to a contractual agreement with FPL, construct and install all or a portion of the underground distribution facilities provided that:

- a) such work meets FPL's construction standards;
- b) FPL will own and maintain the completed distribution facilities;
- c) the construction and installation of underground distribution facilities by the Applicant is not expected to cause the general body of ratepayers to incur greater costs;
- d) the Applicant agrees to pay FPL's current applicable hourly rate for engineering personnel for all time spent for (i) reviewing and inspecting the Applicant's work done, and (ii) developing any separate cost estimate(s) that are either requested by the Applicant to reflect only FPL's portion of the work or are required by FPL to reflect both the Applicant's and FPL's portions of the work for the purpose of a GAF Waiver calculation pursuant to an Underground Facilities Conversion Agreement – Governmental Adjustment Factor Waiver; and
- e) the Applicant agrees to rectify any deficiencies found by FPL prior to the connection of any Customers to the underground electric distribution system and the removal of the overhead electric distribution facilities.

**12.2.12 Relocation**

Where underground electric facilities are requested as part of, or for the purpose of, relocation, the requirements of this tariff shall apply. As applicable, the Underground Facilities Conversion Agreement or the Underground Facilities Conversion Agreement - Governmental Adjustment Factor Waiver shall be executed as an addendum to the relocation agreement between FPL and the Applicant. In the event of any conflict between the relocation agreement and this tariff, the tariff shall control. Furthermore, where the regulations of the Federal or State Department of Transportation (DOT) prevent pre-payment of deposits and other conversion costs, the Federal or State DOT may pay the CIAC after the work has been performed.

**RECEIVED****BURKHARDT  
CONSTRUCTION, INC.*****By brandon at 11:29:10 AM, 3/4/2020***





## NOTIFICATION OF FPL FACILITIES

Customer/Agency City of Pompano Beach

Developer/Contractor Name \_\_\_\_\_

Location of Project Pompano Beach

FPL Representative Terry Miller

Developer/Contractor Representative \_\_\_\_\_

Date of Meeting/Contact: \_\_\_\_\_

Project Number/Name: Atlantic Conversion

City: Pompano Beach

Phone: 954-786-5535

FPL Work Request #/Work Order #: 7053905/7544355

FPL calls your attention to the fact that there may be energized, high voltage electric lines, both overhead and underground, located in the area of this project. It is imperative that you visually survey the area and that you also take the necessary steps to identify all overhead and underground facilities prior to commencing construction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the OSHA-prescribed limits. If it will, you must either re-design your project to allow it to be built safely given the pre-existing power line location, or make arrangements with FPL to either deenergize and ground our facilities, or relocate them, possibly at your expense. **You must do this before allowing any construction near the power lines.** It is impossible for FPL to know or predict whether or not the contractors or subcontractors, and their employees, will operate or use cranes, digging apparatus or other mobile equipment, or handle materials or tools, in dangerous proximity to such power lines during the course of construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle cranes, digging apparatus, draglines, mobile equipment, or any other equipment, tools or materials in such a manner that they might come closer to underground or overhead power lines than is permitted by local, state or federal regulations, you and any such contractor or subcontractor must notify FPL in writing of such planned operation prior to the commencement thereof and make all necessary arrangements with FPL in order to carry out the work in a safe manner. **Any work in the vicinity of the electric lines should be suspended until these arrangements are finalized and implemented.**

The National Electrical Safety Code ("NESC") prescribes minimum clearances that must be maintained. If you build your structure so that those clearances cannot be maintained, you may be required to compensate FPL for the relocation of our facilities to comply with those clearances. As such, you should contact FPL prior to commencing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not impinge upon the NESC clearances.

It is your responsibility and the responsibility of your contractors and subcontractors on this project to diligently fulfill the following obligations:

1. Make absolutely certain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work.
2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations.
3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions):

<u>*Power Line Voltages</u>	<u>**Personnel and Equipment</u> (29 CFR 1910.333 and 1926.600)	<u>Cranes and Derricks</u> (29 CFR 1926.1407, 1408)	<u>Travel under or near Power Lines (on construction sites, no load)</u> (29 CFR 1926.600 – Equipment) (1926.1411 – Cranes and Derricks)	
0 - 750 volts	10 Feet	10 Feet	4 Feet	4 Feet
751 - 50,000 volts	10 Feet	10 Feet	4 Feet	6 Feet
69,000 volts	11 Feet	15 Feet	10 Feet	10 Feet
115,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
138,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
230,000 volts	16 Feet	20 Feet	10 Feet	10 Feet
500,000 volts	25 Feet	25 Feet	16 Feet	16 Feet

**\*When uncertain of the voltage, maintain a distance of 20 feet for voltages up to 350,000 volts and 50 feet for voltages greater than 350,000 volts.**

**\*\*For personnel approaching insulated secondary conductors less than 750 volts, avoid contact (Maintain 10 Feet to bare energized conductors less than 750 volts). For qualified personnel and insulated aerial lift equipment meeting requirements of 29 CFR 1910.333, distances may be reduced to those shown in 29 CFR 1910.333 Table S-5.**

4. All excavators are required to contact the Sunshine State One Call of Florida, phone number 1-800-432-4770 or 811 a minimum of two working days (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately.
5. Conduct all locations and excavations in accordance with the Florida Statute 556 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply.
6. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities.

A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project.

\_\_\_\_\_  
Means by which this notification was provided to customer and/or contractor

\_\_\_\_\_  
FPL Representative Signature

\_\_\_\_\_  
Customer/Developer/Contractor Representative Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**RECEIVED**

**BURKHARDT  
CONSTRUCTION, INC.**

By Brandon at 11:29:24 AM, 3/4/2020