

**DOMINION ENERGY SOUTH CAROLINA, INC.
OTHER WORK IN PROGRESS (OWIP) AGREEMENT
Estimate Authorization**

Project Title: JLJ Eastside
Duct Bank

OWIP No.: 023098

Project Coordinator: Steven Morillo
Estimate Prepared by: McKenzie/Mclawhorn

Dominion Energy South Carolina, Inc. (Company or DE) agrees to perform the work described on this form for **The City of Charleston** (Customer) on the condition that the Customer shall pay the full project cost, (less agreed upon nonstandard service funds delineated below), based on a normal construction schedule, with reasonable and customary permit conditions. Any significant changes in work scope that will affect cost will be handled via a change order, signed by the Customer and Company. Any future relocation of these new facilities required by City, State, or Federal entity that are located within the public road right-of-way will be at the expense of **The City of Charleston** or third parties but will not be the responsibility of DE. Where this Agreement covers work by the Company at the Customer's request, the Customer agrees to hold the Company harmless, to the extent allowed by law, from any damage resulting from such work unless the Customer notifies the Company immediately upon completion of the job of such alleged faulty work.

Description:

The Company will install approximately 767 feet of electric conductor, 1- switchgear, and approximately 416 feet of duct bank to convert overhead line to underground from Lee St. to Cooper St. along Nassau St. as part of the underground service to the James Lewis Jr. Apartments as shown on Dominion Energy drawing D-84107 sheet 2 of 6.

For installed locations where roads or property are owned and/or controlled by The City of Charleston or other entities, Customer shall be required to secure a satisfactory permit or issue one that grants Company the right to place the referenced facilities on the City of Charleston property and includes language that does not make Company liable for future relocation costs.

Location of Project:

County: Charleston

Tax District: 1071 CH

City: City of Charleston

Ownership of Completed Facilities:

Company Owned: X

Customer Owned:

Estimated Cost: (Phase 1 work only)

Preliminary Cost:

Detailed Cost: X

Material (Net Salvage)	\$ 346,077
Stores Overhead	15,958
Labor	314,737
Labor Overhead	2,289
Transportation	2,140
Admin Overhead	58,311

Total Estimated Cost: \$ 739,512

Customer to Pay Based on:

Actual Cost:

Estimated Cost: X

Total Cost

\$739,512

City to contribute from TIF	- \$500,000
Balance to be covered under City approved NSSF	\$239,512
One-half of NSSF project cost per Franchise	\$119,756 (1/2 of \$239,512)

DOMINION ENERGY SOUTH CAROLINA, INC.
 "OWIP Agreement"
James Lewis Jr. Eastside Apartments

Agreement:

Dominion Energy South Carolina, Inc. agrees to perform the work described on this form for **The City of Charleston**. Where this agreement covers work by the Company at the Customer's request on the Customer's premises or equipment, the Customer agrees to hold the Company harmless, to the extent allowed by law, from any damage resulting from such work. **The City of Charleston** agrees to pay \$500,000 up front and \$119,756 at the end of the project per the NSSF clause of the franchise agreement with the City of Charleston, for a total cost of \$619,756, which is based on an estimated cost of the materials and labor needed to install the underground electric infrastructure. Payment of \$500,000 is to be received before any material can be ordered or work can be scheduled.

The Customer agrees to all terms in the description of OWIP Agreement 026461.

Entered into this _____ day of _____, 2022.

Company: Dominion Energy South Carolina, Inc.

Name: Michael S. Randall

Signature: _____

Title: VP – Transmission and Delivery

Witness: _____

Customer: The City of Charleston

Name: _____

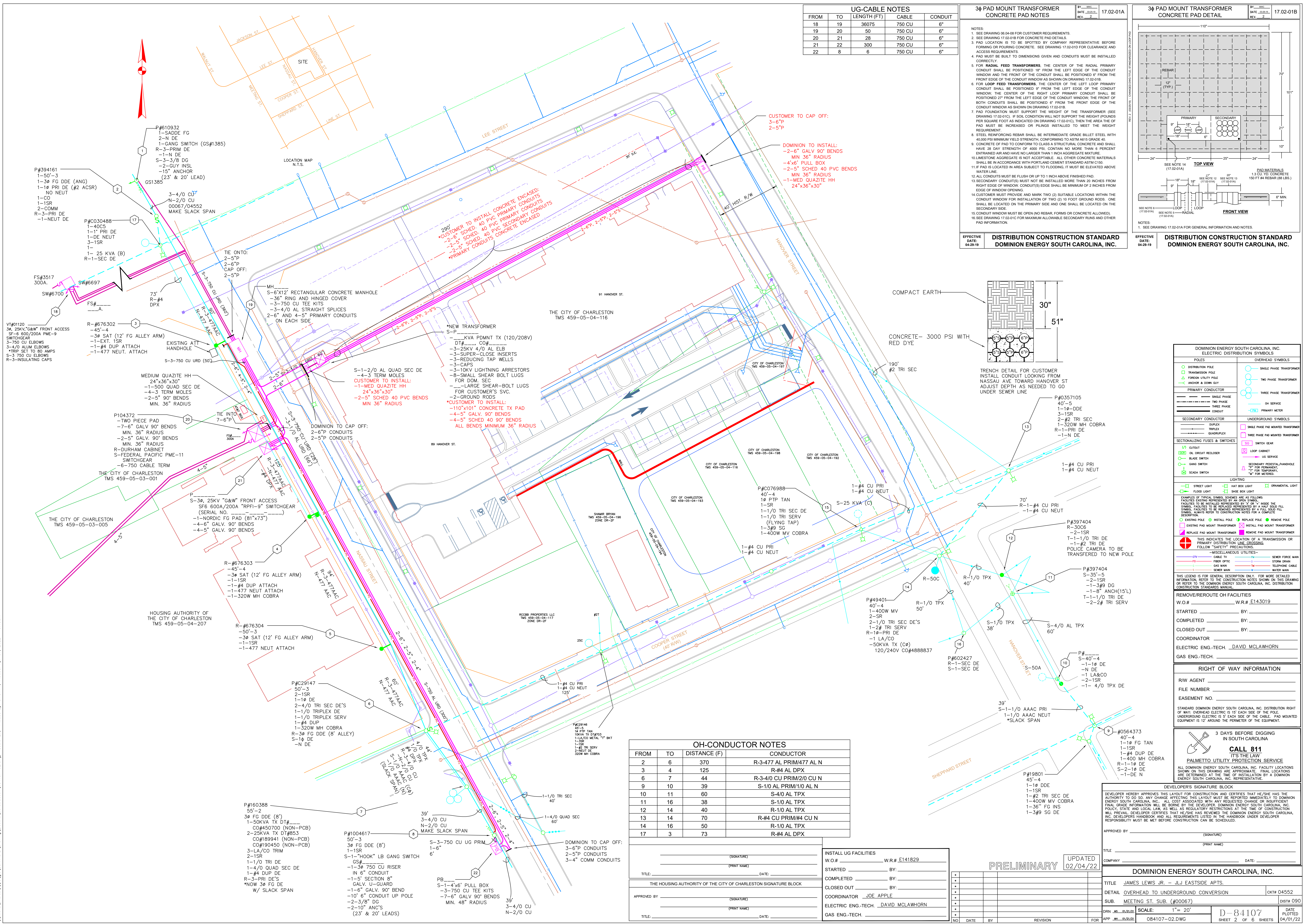
Signature: _____

Title: _____

Witness: _____

Bill To: The City of Charleston
 116 Meeting St.
 Charleston, SC 29401

ROUTE TO:
 Customer
 Secretarial Department
 Plant Accounting
 Project Coordinator

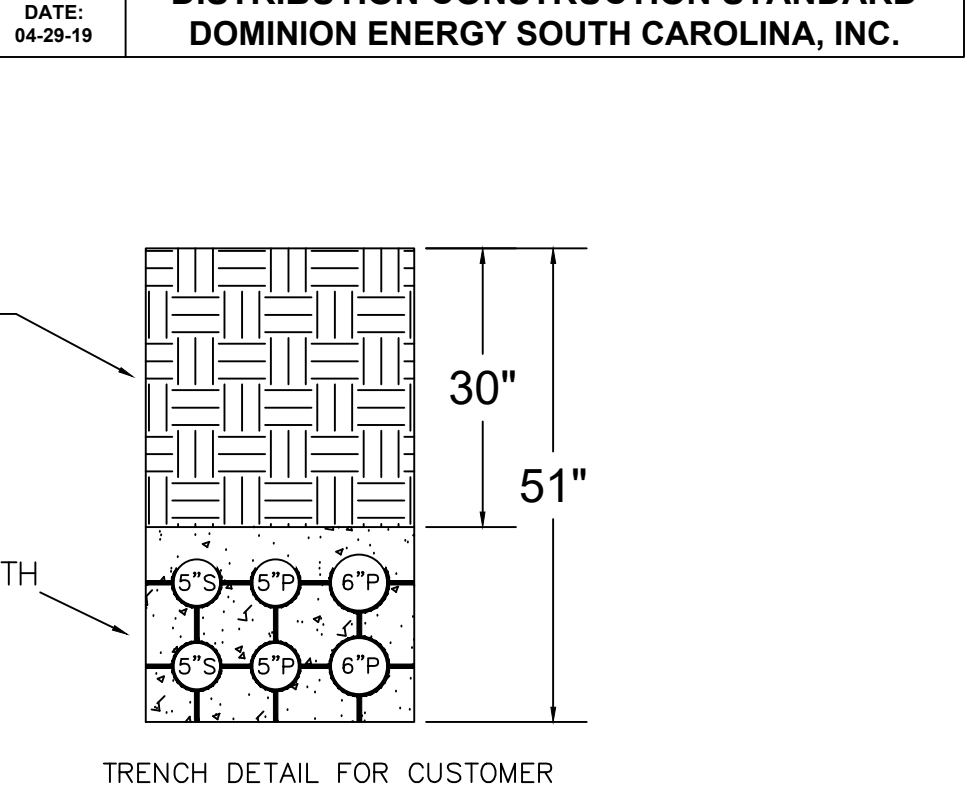
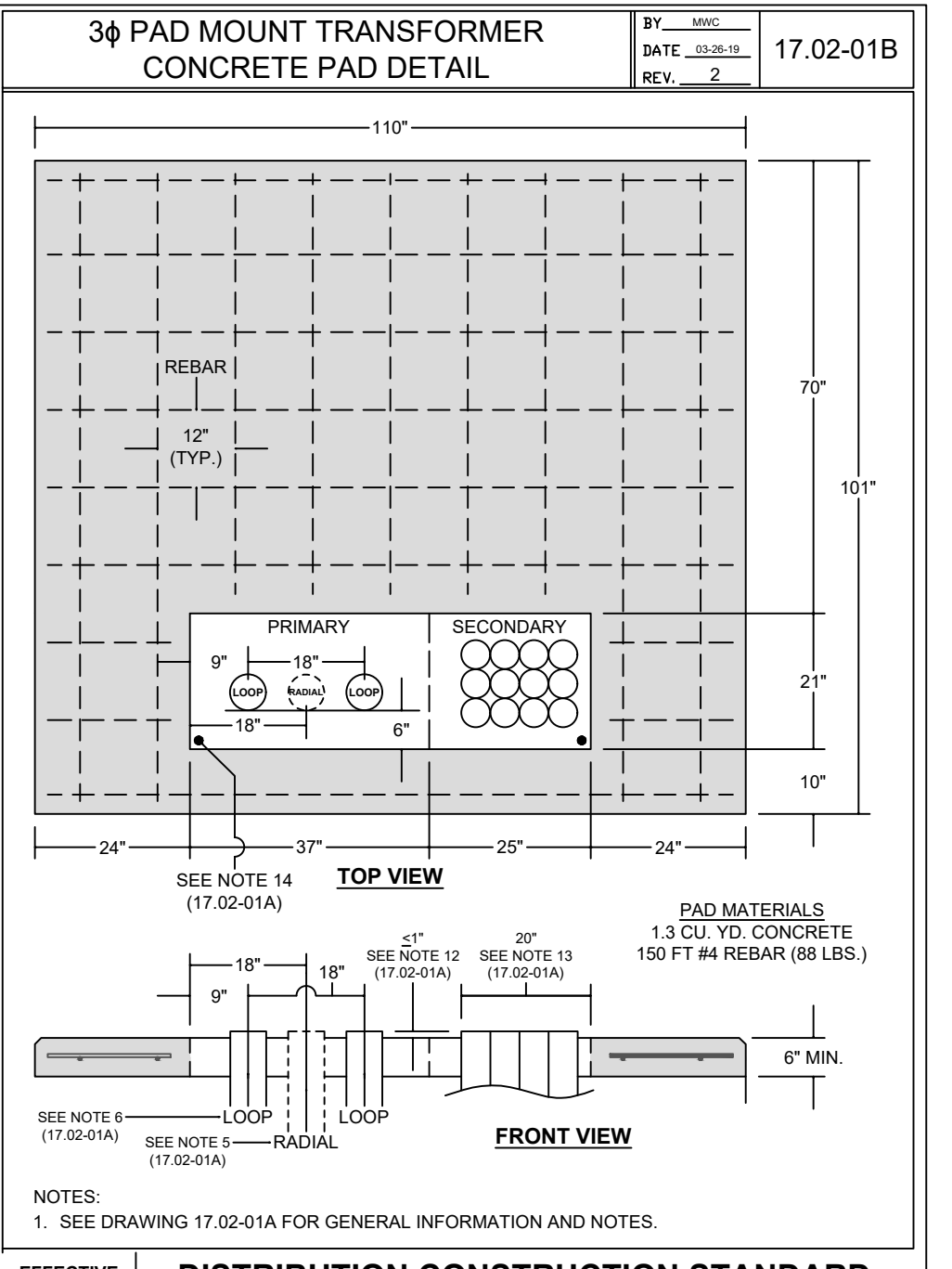


FROM	TO	LENGTH (FT)	CABLE	CONDUIT
18	19	36075	750 CU	6"
19	20	50	750 CU	6"
20	21	28	750 CU	6"
21	22	300	750 CU	6"
22	8	6	750 CU	6"

3Ø PAD MOUNT TRANSFORMER CONCRETE PAD NOTES

NOTES:
 1. SEE DRAWING 08-04-08 FOR CUSTOMER REQUIREMENTS.
 2. SEE DRAWING 17-02-018 FOR CONCRETE PAD DETAILS.
 3. PAD LOCATION IS TO BE SPOTTED BY COMPANY REPRESENTATIVE BEFORE FORMING OR POURING CONCRETE. SEE DRAWING 17-02-018 FOR CLEARANCE AND ACCESS REQUIREMENTS.
 4. PAD MUST BE BUILT TO DIMENSIONS GIVEN AND CONDUITS MUST BE INSTALLED CORRECTLY.
 5. FOR RADIAL FEED TRANSFORMERS, THE CENTER OF THE RADIAL PRIMARY CONDUIT SHALL BE POSITIONED 18" FROM THE LEFT EDGE OF THE CONDUIT WINDOW AND THE FRONT OF THE CONDUIT WINDOW AS SHOWN ON DRAWING 17-02-018.
 6. FOR LOOP FEED TRANSFORMERS, THE CENTER OF THE LEFT LOOP PRIMARY CONDUIT SHALL BE POSITIONED 9" FROM THE LEFT EDGE OF THE CONDUIT WINDOW; THE CENTER OF THE RIGHT LOOP PRIMARY CONDUIT SHALL BE POSITIONED 27" FROM THE LEFT EDGE OF THE CONDUIT WINDOW. THE FRONT OF BOTH CONDUITS SHALL BE POSITIONED 9" FROM THE FRONT EDGE OF THE CONDUIT WINDOW AS SHOWN ON DRAWING 17-02-018.
 7. PAD FOUNDATION MUST SUPPORT THE WEIGHT OF THE TRANSFORMER (SEE DRAWING 17-02-018). IF SOIL CONDITION WILL NOT SUPPORT THE WEIGHT (POUNDS PER SQUARE FOOT AS INDICATED ON DRAWING 17-02-018), THEN THE AREA THE OF PAD MUST BE INCREASED OR PILINGS INSTALLED TO MEET THE WEIGHT REQUIREMENT.
 8. STEEL REINFORCING REBAR SHALL BE INTERMEDIATE GRADE BILLET STEEL WITH 40,000 PSI MINIMUM YIELD STRENGTH, CONFORMING TO ASTM A615 GRADE 40.
 9. CONCRETE OF PAD TO CONFORM TO CLASS A STRUCTURAL CONCRETE AND SHALL HAVE 28 DAY STRENGTH OF 4000 PSI. CONTAIN NO MORE THAN 6 PERCENT ENTRAINED AIR AND HAVE NO LARGER THAN 1/4" HIGH AGGREGATE MOTURE. LIMESTONE AGGREGATE IS NOT ACCEPTABLE. ALL OTHER CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH PORTLAND CEMENT STANDARD ASTM C150.
 11. IF PAD IS LOCATED IN AREA SUBJECT TO FLOODING, IT MUST BE ELEVATED ABOVE WATER LINE.
 12. ALL CONDUITS MUST BE FLUSH OR UP TO 1" ABOVE FINISHED PAD.
 13. SECONDARY CONDUITS MUST NOT BE INSTALLED MORE THAN 20 INCHES FROM RIGHT EDGE OF WINDOW (CONDUITS) BE MINIMUM OF 2 INCHES FROM EDGE OF WINDOW OPENING.
 14. CUSTOMER MUST PROVIDE AND MARK TWO (2) SUITABLE LOCATIONS WITHIN THE CONDUIT WINDOW FOR INSTALLATION OF TWO (2) 10 FOOT GROUND RODS. ONE SHALL BE LOCATED ON THE PRIMARY SIDE AND ONE SHALL BE LOCATED ON THE SECONDARY SIDE.
 15. CONDUIT WINDOW MUST BE OPEN NO REBAR, FORMS OR CONCRETE ALLOWED!
 16. SEE DRAWING 17-02-018 FOR MAXIMUM ALLOWABLE SECONDARY RUNS AND OTHER PAD INFORMATION.

EFFECTIVE DATE: 04-23-19
 DISTRIBUTION CONSTRUCTION STANDARD
 DOMINION ENERGY SOUTH CAROLINA, INC.



DOMINION ENERGY SOUTH CAROLINA, INC. ELECTRIC DISTRIBUTION SYMBOLS

POLES	OVERHEAD SYMBOLS
○ DISTRIBUTION POLE	○ SINGLE PHASE TRANSFORMER
○ TRANSMISSION POLE	○ TWO PHASE TRANSFORMER
○ FOREIGN UTILITY POLE	○ THREE PHASE TRANSFORMER
○ ANCHOR & BRACE CUY	○ ON SERVICE
○ PRIMARY CONDUCTOR	○ PRIMARY METER
○ SINGLE PHASE	○ UNDERGROUND SYMBOLS
○ TWO PHASE	○ SINGLE PHASE PAD MOUNTED TRANSFORMER
○ THREE PHASE	○ THREE PHASE PAD MOUNTED TRANSFORMER
○ CONDUIT	○ UNDERGROUND CONDUIT
○ SECONDARY CONDUCTOR	○ UNDERGROUND METER
○ DUPLEX	○ UNDERGROUND METER
○ TRIPLEX	○ UNDERGROUND METER
○ QUADPLEX	○ UNDERGROUND METER
○ SECTIONALIZING FUSES & SWITCHES	○ UNDERGROUND METER
○ OUTLET	○ UNDERGROUND METER
○ O/C CIRCUIT RELEASER	○ UNDERGROUND METER
○ BLADE SWITCH	○ UNDERGROUND METER
○ GAS SWITCH	○ UNDERGROUND METER
○ SCADA SWITCH	○ UNDERGROUND METER

REMOVE/REROUTE OH FACILITIES

W.O.# _____ BY: _____
 W.R.# E143019
 STARTED _____ BY: _____
 COMPLETED _____ BY: _____
 CLOSED OUT _____ BY: _____
 COORDINATOR _____
 ELECTRIC ENG.-TECH. DAVID MCLAWHORN
 GAS ENG.-TECH. _____

RIGHT OF WAY INFORMATION

FILE NUMBER _____
 EASEMENT NO. _____
 STANDARD DOMINION ENERGY SOUTH CAROLINA, INC. DISTRIBUTION RIGHT OF WAY: OVERHEAD ELECTRIC IS 15' EACH SIDE OF THE POLE. UNDERGROUND ELECTRIC IS 5' EACH SIDE OF THE CABLE. PAD MOUNTED EQUIPMENT IS 12' AROUND THE PERIMETER OF THE EQUIPMENT.

3 DAYS BEFORE DIGGING IN SOUTH CAROLINA

CALL 811
 PALMETTO UTILITY PROTECTION SERVICE
 ALL DOMINION ENERGY SOUTH CAROLINA, INC. FACILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. FINAL LOCATIONS ARE DETERMINED AT THE TIME OF INSTALLATION BY A DOMINION ENERGY SOUTH CAROLINA, INC. REPRESENTATIVE.

DEVELOPER'S SIGNATURE BLOCK

DEVELOPER HEREBY APPROVES THIS LAYOUT FOR CONSTRUCTION AND CERTIFIES THAT HE/SHE HAS THE AUTHORITY TO DO ANY CHANGE AFFECTING THE LAYOUT. ANY CHANGE MUST BE REPORTED IMMEDIATELY TO DOMINION ENERGY SOUTH CAROLINA, INC. ALL COST ASSOCIATED WITH ANY REQUESTED CHANGE OR INSUFFICIENT FINAL GRADE INFORMATION WILL BE BORNE BY THE DEVELOPER. DOMINION ENERGY SOUTH CAROLINA, INC. POLICY, STATE AND LOCAL LAW, AS WELL AS REGULATORY RESTRICTIONS AT THE TIME OF CONSTRUCTION WILL PREVAIL. DEVELOPER CERTIFIES THAT HE/SHE HAS REVIEWED THE DOMINION ENERGY SOUTH CAROLINA, INC. DEVELOPER'S HANDBOOK AND ALL REQUIREMENTS LISTED IN THE HANDBOOK UNDER DEVELOPER RESPONSIBILITY MUST BE MET BEFORE CONSTRUCTION CAN BE SCHEDULED.

APPROVED BY: _____ (SIGNATURE)
 TITLE: _____ (PRINT NAME)
 COMPANY: _____ DATE: _____

APPROVED BY

TITLE: _____ (SIGNATURE)
 TITLE: _____ (PRINT NAME)
 COMPANY: _____ DATE: _____

PROJECT INFORMATION

TITLE: JAMES LEWIS JR. - JJJ EASTSIDE APTS.
 DETAIL: OVERHEAD TO UNDERGROUND CONVERSION CKT# 04552
 SUB: MEETING ST. SUB. (#00067) DIST# 090
 SCALE: 1" = 20'
 SHEET 2 OF 6 SHEETS
 DATE PLOTTED: 04/01/22

OH-CONDUCTOR NOTES

FROM	TO	DISTANCE (F)	CONDUCTOR
2	6	370	R-3-477 AL PRIM/477 AL N
3	4	125	R-#4 AL DPX
6	7	44	R-3-4/0 CU PRIM/2/0 CU N
9	10	39	S-1/0 AL PRIM/1/0 AL N
10	11	60	S-4/0 AL TPX
11	16	38	S-1/0 AL TPX
12	14	40	R-1/0 AL TPX
13	14	70	R-#4 CU PRIM/4 CU N
14	16	50	R-1/0 AL TPX
17	3	73	R-#4 AL DPX

INSTALL UG FACILITIES

W.O.# _____ BY: _____
 W.R.# E141829
 STARTED _____ BY: _____
 COMPLETED _____ BY: _____
 CLOSED OUT _____ BY: _____
 COORDINATOR JOE APPLE
 ELECTRIC ENG.-TECH. DAVID MCLAWHORN
 GAS ENG.-TECH. _____

\Lecore\labores\meh\g\g\SDM\CAD\Drawing\Electrical\Construction\084107-02.dwg, Scale=20, Plotted By: em8174, Plotted: Apr 01, 2022 - 9:45:00am

PLAN "SAFETY" INTO EVERY JOB ELECTRONIC DRAWING-DO NOT REVISE MANUALLY