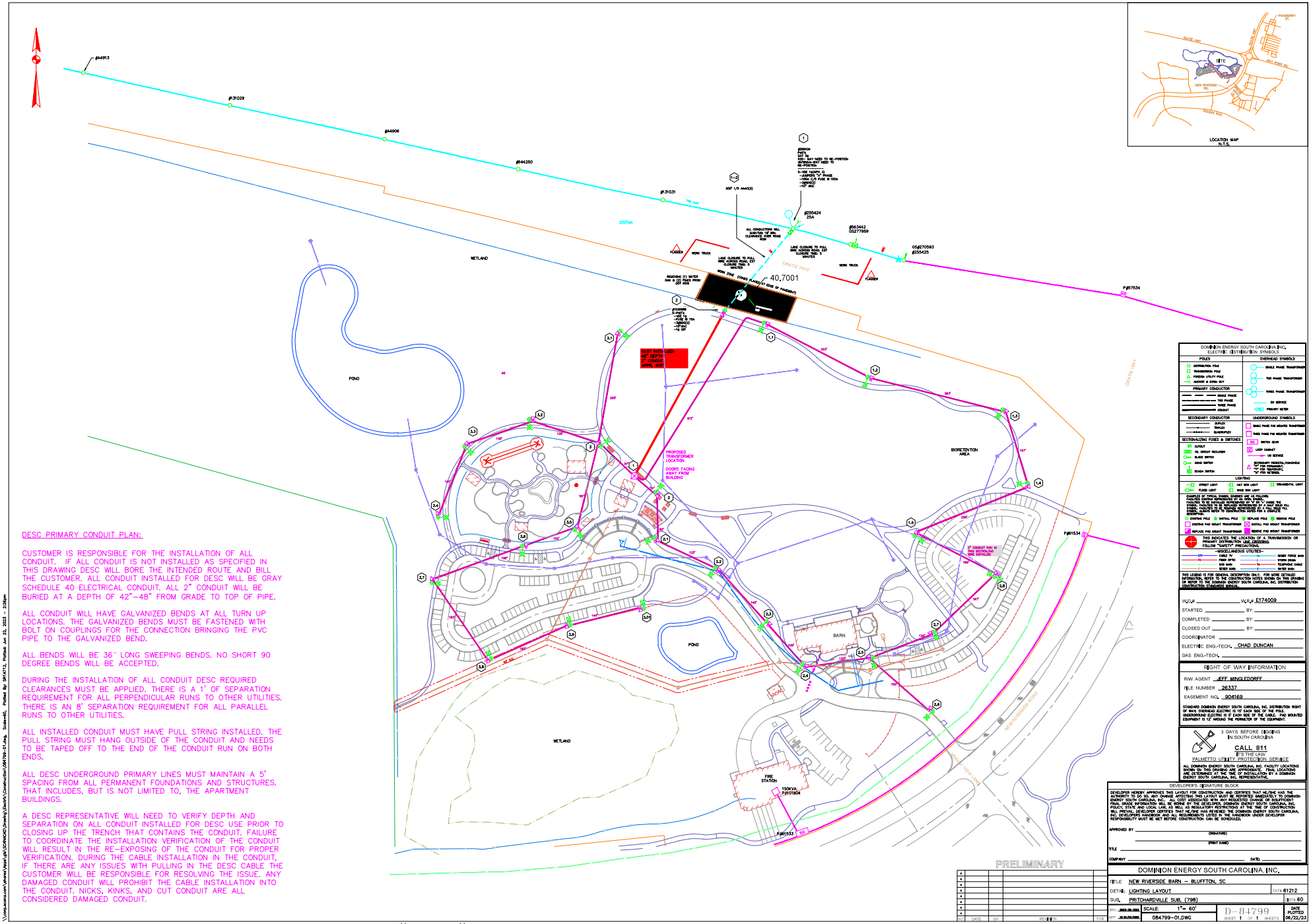
Attachment 3
Lighting Plan



DESC PRIMARY CONDUIT PLAN:

CUSTOMER IS RESPONSIBLE FOR THE INSTALLATION OF ALL CONDUIT. IF ALL CONDUIT IS NOT INSTALLED AS SPECIFIED IN THIS DRAWING DESC WILL BORE THE INTENDED ROUTE AND BILL THE CUSTOMER. ALL CONDUIT INSTALLED FOR DESC WILL BE GRAY SCHEDULE 40 ELECTRICAL CONDUIT. ALL 2" CONDUIT WILL BE BURIED AT A DEPTH OF 42"–48" FROM GRADE TO TOP OF PIPE.

ALL CONDUIT WILL HAVE GALVANIZED BENDS AT ALL TURN UP LOCATIONS. THE GALVANIZED BENDS MUST BE FASTENED WITH BOLT ON COUPLINGS FOR THE CONNECTION BRINGING THE PVC PIPE TO THE GALVANIZED BEND.

ALL BENDS WILL BE 36" LONG SWEEPING BENDS. NO SHORT 90 DEGREE BENDS WILL BE ACCEPTED.

DURING THE INSTALLATION OF ALL CONDUIT DESC REQUIRED CLEARANCES MUST BE APPLIED. THERE IS A 1' OF SEPARATION REQUIREMENT FOR ALL PERPENDICULAR RUNS TO OTHER UTILITIES. THERE IS AN 8' SEPARATION REQUIREMENT FOR ALL PARALLEL RUNS TO OTHER UTILITIES.

ALL INSTALLED CONDUIT MUST HAVE PULL STRING INSTALLED. THE PULL STRING MUST HANG OUTSIDE OF THE CONDUIT AND NEEDS TO BE TAPED OFF TO THE END OF THE CONDUIT RUN ON BOTH ENDS.

ALL DESC UNDERGROUND PRIMARY LINES MUST MAINTAIN A 5' SPACING FROM ALL PERMANENT FOUNDATIONS AND STRUCTURES. THAT INCLUDES, BUT IS NOT LIMITED TO, THE APARTMENT BUILDINGS.

A DESC REPRESENTATIVE WILL NEED TO VERIFY DEPTH AND SEPARATION ON ALL CONDUIT INSTALLED FOR DESC USE PRIOR TO CLOSING UP THE TRENCH THAT CONTAINS THE CONDUIT. FAILURE TO COORDINATE THE INSTALLATION VERIFICATION OF THE CONDUIT WILL RESULT IN THE RE–EXPOSING OF THE CONDUIT FOR PROPER VERIFICATION. DURING THE CABLE INSTALLATION IN THE CONDUIT, IF THERE ARE ANY ISSUES WITH PULLING IN THE DESC CABLE THE CUSTOMER WILL BE RESPONSIBLE FOR RESOLVING THE ISSUE. ANY DAMAGED CONDUIT WILL PROHIBIT THE CABLE INSTALLATION INTO THE CONDUIT. NICKS, KINKS, AND CUT CONDUIT ARE ALL CONSIDERED DAMAGED CONDUIT.

DOMINION ENERGY SOUTH CAROLINA, INC.
ELECTRIC DISTRIBUTION SYMBOLS

POLES
DISTRIBUTION POLE
TRANSMISSION POLE
PERSON UTILITY POLE
ANCHOR & GUYING GUY

PRIMARY CONDUCTOR
SINGLE PHASE
TWO PHASE
THREE PHASE
CONDUIT

SECONDARY CONDUCTOR
SIMPLEX
DUPLEX
QUADRAPLEX

SECTIONALIZING FUSES & SWITCHES
CUTOUT
OIL CIRCUIT RECLOSER
BLADE SWITCH
KNIFE SWITCH
SOLIDA SWITCH

OVERHEAD SYMBOLS
SINGLE PHASE TRANSFORMER
TWO PHASE TRANSFORMER
THREE PHASE TRANSFORMER
OH SERVICE
PRIMARY METER

UNDERGROUND SYMBOLS
SINGLE PHASE PAD MOUNTED TRANSFORMER
THREE PHASE PAD MOUNTED TRANSFORMER
SWITCH GEAR
LOOP CABINET
UG SERVICE
SECONDARY PEDESTAL/HANDHOLE "P" FOR PERMANENT, "T" FOR TEMPORARY, "M" FOR METERED

LIGHTING
STREET LIGHT
FUSED LIGHT
1407 MDK LIGHT
MVM MDK LIGHT
ORNAMENTAL LIGHT

EXAMPLES OF TYPICAL SYMBOLS SHOWN ARE AS FOLLOWS. FACILITIES SHOWN REPRESENTED BY AN OPEN SYMBOL ARE FACILITIES TO BE INSTALLED REPRESENTED BY "N EW" WHERE THE SYMBOL IS SHOWN SOLID, FACILITIES ARE EXISTING & FULLY INSTALLED. FACILITIES TO BE REMOVED REPRESENTED BY A FULL SOLID SYMBOL. PLEASE REFER TO CONSTRUCTION NOTES FOR A COMPLETE LEGEND.

EXISTING POLE
INSTALL POLE
REMOVE POLE
EXISTING PAD MOUNT TRANSFORMER
INSTALL PAD MOUNT TRANSFORMER
REPLACE PAD MOUNT TRANSFORMER
REMOVE PAD MOUNT TRANSFORMER

THIS INDICATES THE LOCATION OF A TRANSMISSION OR DISTRIBUTION LINE. USE CAUTION AND FOLLOW "SAFETY" PRECAUTIONS.

–MISCELLANEOUS UTILITIES–
CABLE TV
FIBER OPTIC
GAS MAIN
SEWER MAIN
POWER POLE #XX
STORM DRAIN
TELEPHONE CABLE
WATER MAIN

THIS LEGEND IS FOR FINAL DESCRIPTION ONLY. FOR MORE DETAILED INFORMATION, REFER TO THE CONSTRUCTION NOTES SHOWN ON THE FOLLOWING OR REFER TO THE DOMINION ENERGY SOUTH CAROLINA, INC. DISTRIBUTION CONSTRUCTION STANDARDS MANUAL.

W.O.# _____ W.R.# E174009
STARTED _____ BY: _____
COMPLETED _____ BY: _____
CLOSED OUT _____ BY: _____
COORDINATOR _____
ELECTRIC ENG-TECH. CHAD DUNCAN
GAS ENG-TECH. _____

RIGHT OF WAY INFORMATION
R/W AGENT JEFF MINGLEDORFF
FILE NUMBER 26337
EASEMENT NO. 904169
STANDARD DOMINION ENERGY SOUTH CAROLINA, INC. DISTRIBUTION RIGHT OF WAYS: 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
IT'S THE LAW.
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 SO. ANY CHANGES AFFECTING THIS LAYOUT MUST BE SUBMITTED TO DOMINION ENERGY SOUTH CAROLINA, INC. ALL COSTS ASSOCIATED WITH ANY RELOCATION, CHANGE OR ADDITIONAL 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. DEVELOPERS HANDBOOK AND ALL REQUIREMENTS LISTED IN THE HANDBOOK UNDER DEVELOPER RESPONSIBILITY MUST BE MET BEFORE CONSTRUCTION CAN BE SCHEDULED.

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

PRELIMINARY

NO.	DATE	BY	DESCRIPTION

DOMINION ENERGY SOUTH CAROLINA, INC.
TITLE NEW RIVERSIDE BARN – BLUFFTON, SC
DETAIL LIGHTING LAYOUT — DATE 61212
SUB. PRITCHARDVILLE SUB. (796) — DWG 60
DRN SCALE: 1"= 60' — D–84799 — DATE PLOTTED 06/22/23
DES. FOR APP. 084799–01.DWG — SHEET 1 OF 1 SHEETS

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

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