

SPECIFICATION NOTES

GENERAL

1. THE CONTRACTOR SHALL VISIT THE JOB SITE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PERTINENT TO THE WORK.
2. ALL EQUIPMENT AND MATERIALS PROVIDED SHALL BE IN STRICT CONFORMITY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). ANY CONFLICTS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
3. UPON COMPLETION OF THE PROJECT, ALL SYSTEMS SHALL BE TESTED IN THE PRESENCE OF THE ENGINEER AND/OR OWNER.
4. THE CONTRACTOR SHALL GUARANTEE THE WORK INSTALLED BY HIM FOR ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT, AND SHALL FURNISH FREE OF COST TO THE OWNER MATERIALS AND LABOR NECESSARY TO REPAIR OR REPLACE DEFECTIVE ITEMS OF WORKMANSHIP.
5. ELECTRICAL MATERIALS FURNISHED UNDER THESE SPECIFICATIONS SHALL BE BUILT AND TESTED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA), THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI), THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM), AND THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE).
6. ALL ELECTRICAL PRODUCTS ON THIS PROJECT SHALL BE NEW, LISTED BY UL, AND SHALL BEAR THE UL LABEL.
7. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY THE LOCAL INSPECTOR AND ALL LOCAL REGULATIONS ARE ADHERED TO.
8. ALL WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY, AND CONFORM TO GUIDELINES SET FORTH IN NECA MANUALS
9. ONCE PER WEEK AND UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE ALL DEBRIS ACCUMULATED AS A RESULT OF WORK PERFORMED.
10. WHERE DAMAGE TO SURFACES AND/OR FINISHES OCCUR DUE TO CUTTING OR INSTALLATION OF ELECTRICAL WORK, THE CONTRACTOR SHALL PATCH SURFACES AND/OR FINISHES TO RESTORE THEM TO THERE ORIGINAL CONDITION.
11. PROVIDE ALL MISCELLANEOUS MOUNTING HARDWARE INCLUDING ANGLES, BRACKETS, HANGERS, ETC NECESSARY FOR PROPER SUPPORT OF ELECTRICAL EQUIPMENT.

DEMOLITION

1. DISCONNECT ELECTRICAL SYSTEMS NOTED FOR REMOVAL.
2. REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
3. REMOVE EXPOSED ABANDONED CONDUIT. CUT ABANDONED CONDUIT BELOW GRADE REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION.
4. DO NOT REUSE EXISTING CONDUCTORS REMOVED FROM EXISTING CONDUIT RUNS.
5. WHEN LIGHTS OR OUTLETS ARE REMOVED IN AN AREA, THE WORKING CONDITION OF ALL LIGHTS AND OUTLETS ELECTRICALLY DOWNSTREAM ARE TO BE VERIFIED. PROVIDE ADDITIONAL CIRCUITING AS REQUIRED TO INSURE OPERATION OF ELECTRICAL DEVICES.

RACEWAYS

1. MINIMUM CONDUIT SIZE SHALL BE 3/4" INCH.
2. CONDUIT RUN IN FINISHED AREAS SHALL BE RUN BELOW GRADE.
3. RACEWAY INSTALLATION SHALL BE AS FOLLOWS:
  - A. RIGID GALVANIZED STEEL IN ALL EXTERIOR LOCATIONS
  - B. EMT IN ALL INTERIOR LOCATIONS
  - C. FLEXIBLE METAL CONDUIT FOR ALL FINAL CONNECTIONS TO LIGHT FIXTURES AND EQUIPMENT SUBJECT TO VIBRATION, SUCH AS MOTORS. FLEXIBLE CONDUIT RUNS SHALL NOT EXCEED 48 INCHES. LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR EXTERIOR LOCATIONS.
  - D. SCHEDULE 40 PVC FOR ALL CONDUIT UNDER WALKWAY, BUILDING OR UNDERGROUND.

WIRE

1. ALL WIRING SHALL BE INSTALLED IN CONDUIT.
2. ALL CONDUCTORS SHALL BE COPPER, #12 AWG MINIMUM WITH 600 VOLT TYPE THHN-THWN, 75 DEGREE C INSULATION.
3. USE MANUFACTURER APPROVED PULLING COMPOUND OR LUBRICANT WHERE NECESSARY; COMPOUND SHALL NOT DETERIORATE CONDUCTOR OR INSULATION. DO NOT EXCEED MANUFACTURERS RECOMMENDED PULLING TENSIONS. USE PULLING MEANS THAT WILL NOT DAMAGE THE CABLES OR RACEWAY.
4. IDENTIFY AND COLOR-CODE THE CONDUCTORS AS FOLLOWS:
 

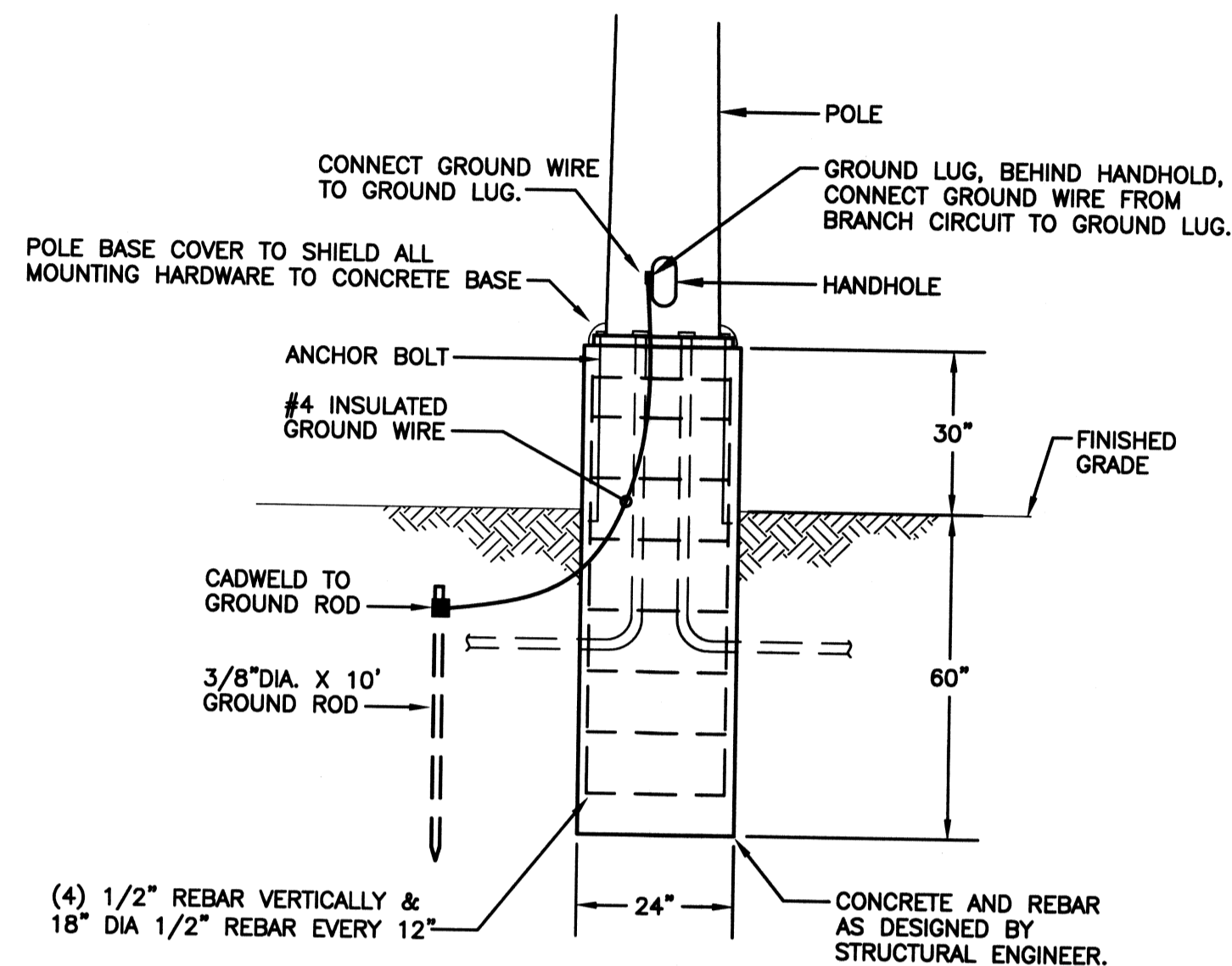
120/208V		277/480V	
o PHASE 1 - BLACK	PHASE 1 - BROWN	o PHASE 1 - BLACK	PHASE 1 - BROWN
o PHASE 2 - RED	PHASE 2 - ORANGE	o PHASE 2 - RED	PHASE 2 - ORANGE
o PHASE 3 - BLUE	PHASE 3 - YELLOW	o PHASE 3 - BLUE	PHASE 3 - YELLOW
o NEUTRAL - WHITE	NEUTRAL - GRAY	o NEUTRAL - WHITE	NEUTRAL - GRAY
o GROUND - GREEN	GND - GREEN	o GROUND - GREEN	GND - GREEN
5. PROVIDE WIRENUT TYPE CONNECTORS FOR #10 AWG AND SMALLER WIRE SIZES. PROVIDE COMPRESSION TYPE CONNECTORS FOR LARGER WIRE SIZES.
6. SPLICES SHALL ONLY BE MADE IN ACCESSIBLE JUNCTION BOXES.
7. NOT MORE THAN THREE PHASE WIRES AND ONE NEUTRAL SHALL BE INSTALLED IN ANY HOME RUN, UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS.
8. TEST CONDUCTORS IN ACCORDANCE WITH NETA REQUIREMENTS.

BOXES AND FITTINGS

1. EXTERIOR OUTLET BOXES SHALL BE CORROSION RESISTANT CAST METAL. EXTERIOR JUNCTIONS BOXES AND PULL BOXES SHALL BE NEMA 3R GALVANIZED STEEL OR FIBERGLASS.
2. PROVIDE MOUNTING ACCESSORIES AS REQUIRED.

GROUNDING

1. GROUND ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRIC RACEWAYS, ENCLOSURES, AND EQUIPMENT UTILIZING ELECTRICITY IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE ARTICLE 250.
2. GROUND RODS SHALL BE COPPER-CLAD STEEL, 3/4" DIAMETER X 10' UNLESS NOTED OTHERWISE.
3. PROVIDE EXOTHERMIC WELD, IN KIT FORM, FOR UNDERGROUND OR STRUCTURAL STEEL CONNECTIONS.
4. EACH FEEDER AND BRANCH CIRCUIT INSTALLED UNDER THIS PROJECT SHALL INCLUDE A GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE TABLE 250-122.



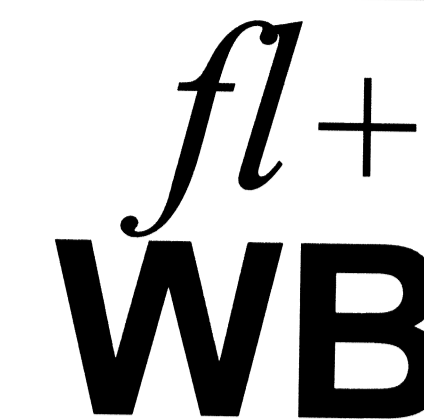
NOTES:

1. PROVIDE WATERPROOF TAP/SPLICE KIT.
2. SOME LOCATIONS MAY REQUIRE ADDITIONAL CONDUITS. SEE DRAWINGS.

1 POLE BASE DETAIL  
E1.0 N.T.S.

LIGHTING FIXTURE SCHEDULE

TYPE	REMARKS	CATALOG NO.	MOUNTING	LAMPS			
				QTY	TYPE	TOTAL WATTS	NOTES
F1	TYPE V	MCGRAW-EDISON GLEON-AE-04-LED-VERIFY-5WQ-BZ-MS/DIM-L20-14" ROUND TAPERED ALUMINUM POLE.	POLE	1	LED	213	
F2	TYPE III	MCGRAW-EDISON GLEON-AE-04-LED-VERIFY-T3-BZ-MS/DIM-L20-14" ROUND TAPERED ALUMINUM POLE.	POLE	1	LED	213	



fauntleroy latham  
weldon barré  
architects

a professional corporation in  
continuous practice since 1981

architecture  
planning  
interiors  
sustainable design  
consulting

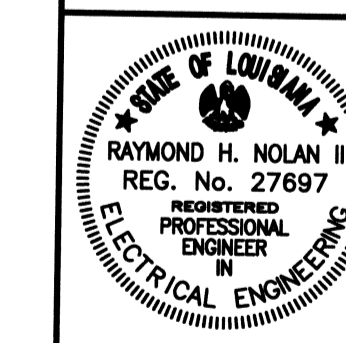
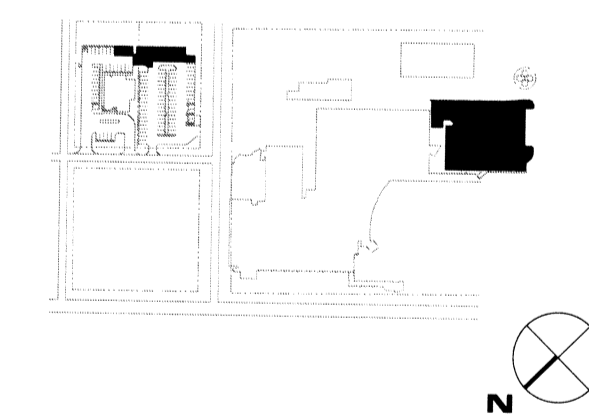
COVINGTON  
SLIDELL  
LAPLACE

IMPROVEMENTS  
TO THE  
ED/DOCTORS  
PARKING LOTS  
AT STPH

ST. TAMMANY PARISH  
HOSPITAL

1202 SOUTH TYLER STREET  
COVINGTON, LA 70431

KEY PLAN - SITE



Issue	Date	Remark

OVERALL SITE PLAN PHASE 1 - ELECTRICAL

CONSTRUCTION DOCUMENTS

Job No	215011.01	Sheet No	
Drawn by	BFL		
Checked by	RHN		
Date	20.AUG.15		

E1.0