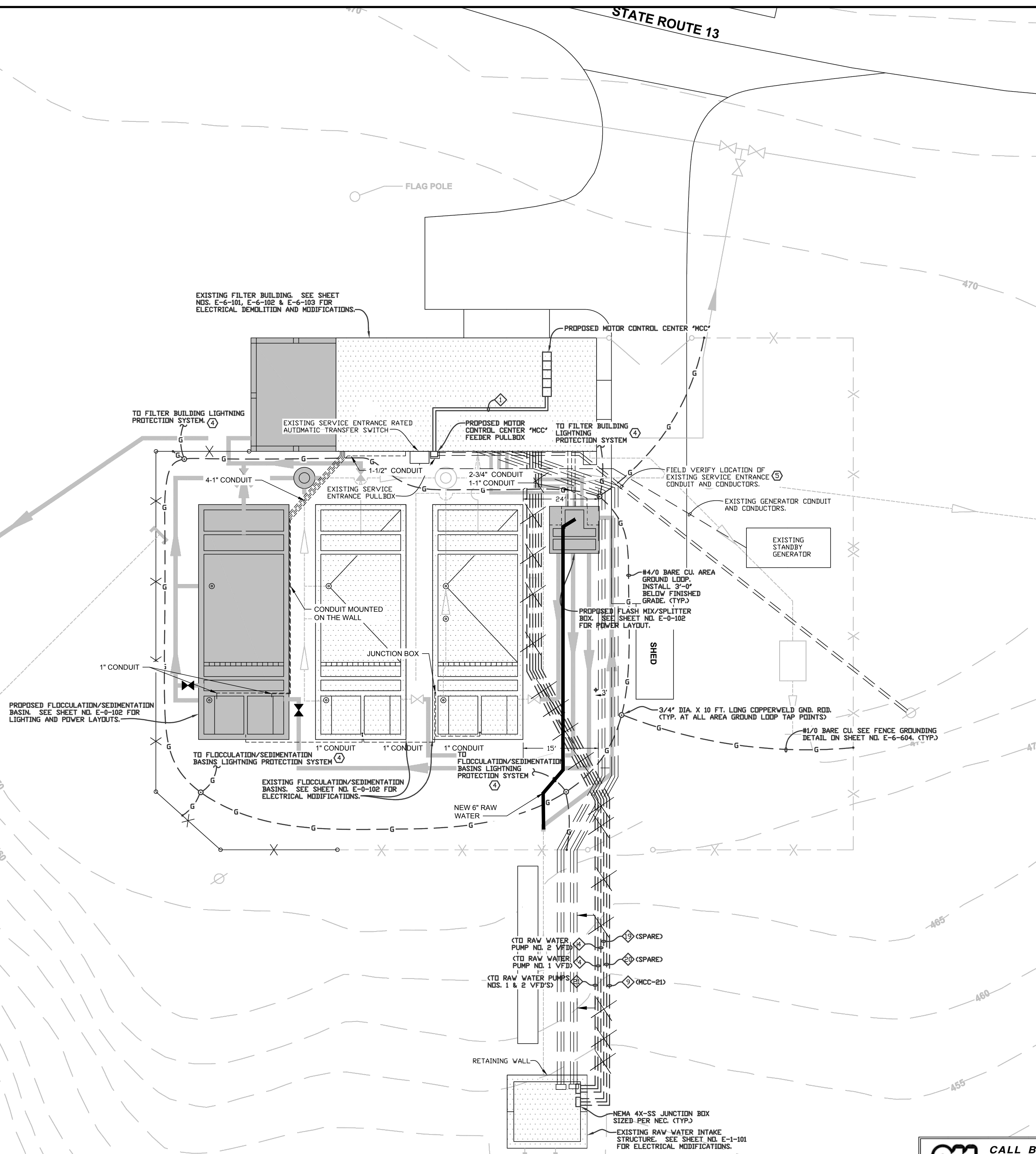


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ENGINEER/ARCHITECT: JAMES D. PHILLIPS
CONSTRUCTION COMPANY: QUINN CONS. CORP.
09/27/2018

BUFFALO RIVER



LEGEND

- EXISTING STRUCTURE
- NEW STRUCTURE
- EXIST. TO BE MODIFIED
- EXIST. TO BE DEMOLISHED
- EXISTING CONTOUR
- NEW CONTOUR
- NEW PLANT PAVEMENT
- NEW GRAVEL DRIVE
- NEW SIDEWALK
- EXIST. FENCE
- NEW FENCE
- EXIST. MANHOLE
- NEW MANHOLE
- PROPERTY LINE
- NEW BUMPER POST
- EXISTING VALVE
- NEW VALVE
- EXISTING PIPING
- NEW PIPING
- NEW DRAIN LINE
- EXISTING WATER LINE
- NEW PVC WATER LINE
- EXISTING YARD HYDRANT
- NEW YARD HYDRANT
- EXISTING LIGHT POLE

- NOTES:**
- THE ELECTRICAL SUB-CONTRACTOR SHALL REFER TO THE CIVIL, STRUCTURAL AND PIPING PLAN FOR THE BUILDING AND ROOM LAYOUTS, ALL DIMENSIONS, SECTIONS, DETAILS, ELEVATIONS, VOLTAGE REQUIREMENTS AND PHYSICAL SIZE OF ALL EQUIPMENT FURNISHED BY OTHER TRADES. COORDINATE AND ADJUST ALL ELECTRICAL INSTALLATIONS ACCORDINGLY.
 - ALL CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. THE ELECTRICAL SUB-CONTRACTOR SHALL COORDINATE ALL OF THE RACEWAY INSTALLATIONS WITH OTHER TRADES TO AVOID INTERFERENCES WITH STRUCTURES AND PIPING. MAINTAIN APPROX. 24" CLEARANCE BETWEEN BURIED CONDUIT AND ALL STRUCTURES.
 - ALL PROPOSED POWER, CONTROL, AND SIGNAL WIRING & CABLES SHALL BE PROPERLY IDENTIFIED AND LABELED WITH AN APPROVED MARKING SYSTEM AT ALL LOCATIONS AS CALLED FOR IN THE DETAILED SPECIFICATIONS. ALL POWER AND BRANCH CIRCUIT WIRING SHALL BE TAGGED TO MATCH MOTOR CONTROL CENTER OR PANEL SCHEDULES. ALL MOTOR LEAD WIRING SHALL BE TAGGED TO MATCH MOTOR NUMBERS WITH T1, T2, T3 IDENTIFYING EACH LEAD. ALL CONTROL AND SIGNAL WIRING SHALL BE TAGGED TO MATCH THE EQUIPMENT VENDOR'S INTERCONNECTION DRAWINGS.
 - PROVIDE LIGHTNING PROTECTION SYSTEM FOR THE EXISTING FILTER BUILDING, EXISTING SETTLING/FLOCCULATION BASINS, PROPOSED SETTLING/FLOCCULATION BASIN AND PROPOSED FLASH MIX/SPLITTER BOX WITH UL "MASTER LABEL" PER DETAILED SPECIFICATIONS. PROVIDE DRIVEN GROUND RODS AT EACH LIGHTNING PROTECTION DOWN LEAD. EACH BUILDING/STRUCTURE LIGHTNING PROTECTION SYSTEM SHALL BE TIED AT ONE LOCATION TO AREA GROUND LOOP.
 - COORDINATE CONSTRUCTION OF PROPOSED FLASH MIX STRUCTURE WITH ACTUAL LOCATION OF EXISTING SERVICE ENTRANCE FEEDER. RELOCATE OR INSTALL NEW SERVICE ENTRANCE FEEDER AS NECESSARY.
 - THE ELECTRICAL SUB-CONTRACTOR SHALL FIELD VERIFY AND INSTALL ANY COMPONENTS NECESSARY TO THE EXISTING GROUNDING SYSTEM. SERVICE ENTRANCE GROUNDING MUST MEET ALL REQUIREMENTS OF DETAILED SPECIFICATIONS AND NEC.
 - THIS DRAWING IS DIAGRAMMATIC AND IS INTENDED TO SHOW THE GENERAL EXTENT OF THE PROPOSED MODIFICATIONS. ALL CIRCUITS TO BE REMOVED OR RELOCATED MAY NOT BE SHOWN. THE SUB-CONTRACTOR SHALL RE-ROUTE ALL EXISTING CIRCUITS AS REQUIRED TO MEET ALL REQUIREMENTS OF STATE AND LOCAL CODES.
 - ALL ELECTRICAL INSTALLATIONS SHALL CONFORM TO SEISMIC INSTALLATION STANDARDS PER THE 2006 INTERNATIONAL BUILDING CODE AND ALL STATE AND LOCAL CODES.
 - ALL ELECTRICAL INSTALLATIONS SHALL CONFORM TO THE 2008 NATIONAL ELECTRICAL CODE, 2006 INTERNATIONAL BUILDING CODE AND ALL STATE AND LOCAL CODES.

SITE PLAN - ELECTRICAL MODIFICATIONS

SCALE: 1"=10'-0"

0 10' 20'



CALL BEFORE YOU DIG

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION. THE LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

IN TENNESSEE DIAL 811
OR 1-800-351-1111
THREE WORKING DAYS BEFORE YOU DIG

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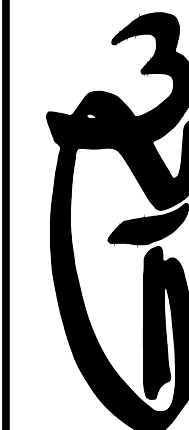
14047E-0-101

This document, originally issued, sealed, and signed by JAMES D. PHILLIPS, Tennessee Professional Engineer, No. 016308, on JUNE 2015, shall not be used in lieu of a certified document.

GRW PROJECT NO. 3827-07

CLIENT PROJECT NO.

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SITEPLAN - ELECTRICAL MODIFICATIONS

WATER TREATMENT PLANT EXPANSION
CITY OF LOBELVILLE, TENNESSEE

DESIGNED	MLK	DESIGNED	JRP	DESIGNED	JDP	DESIGNED	JDP
DATE		DATE		DATE		DATE	

NO.	REVISIONS	DESCRIPTION

DATE: JUNE 2015

SCALE: AS SHOWN

SHEET NO.

E-0-101

RECORD DRAWINGS