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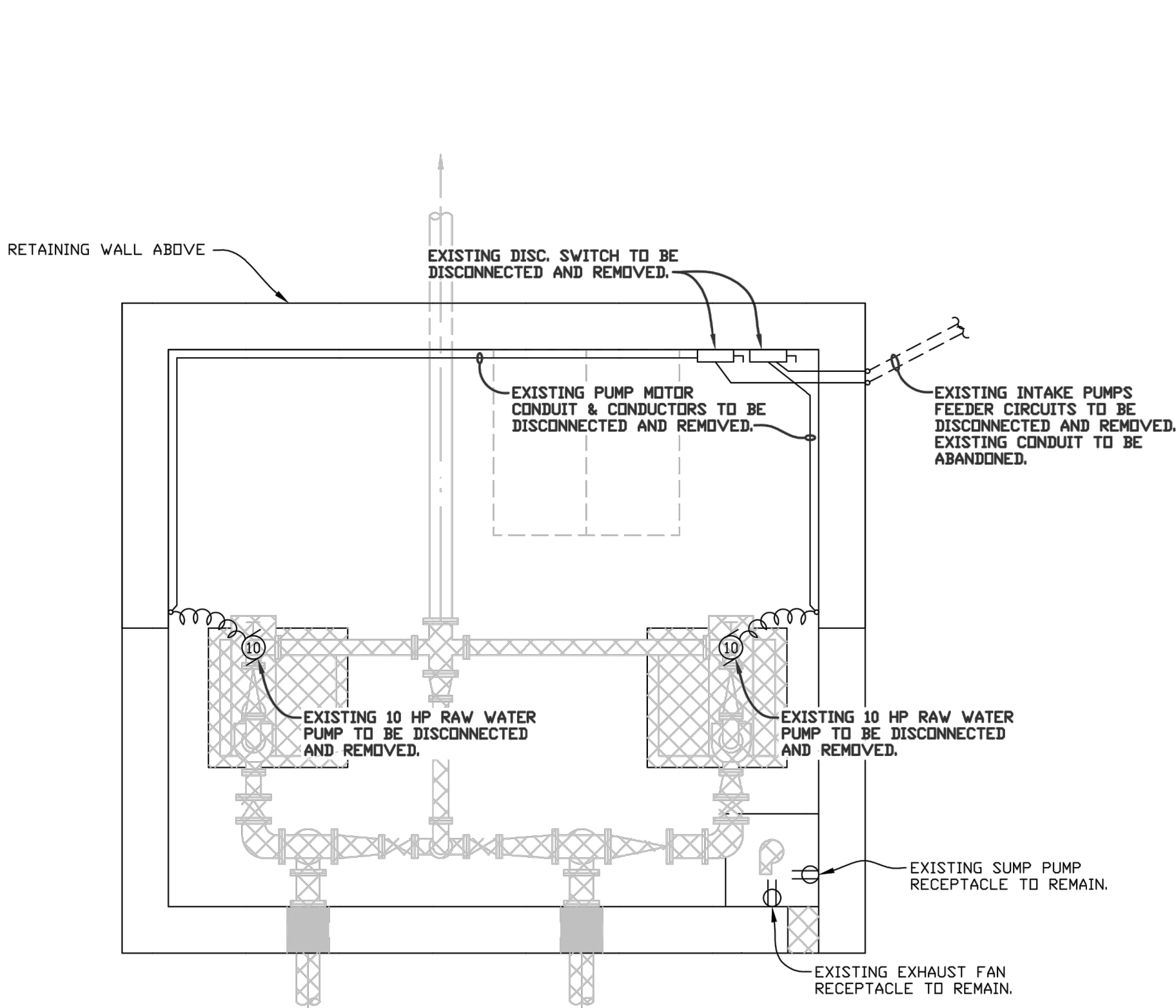


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ENGINEER/ARCHITECT: JAMES D. PHILLIPS

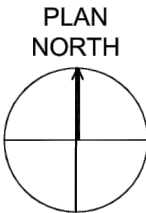
CONSTRUCTION COMPANY: QUINN CONS. CORP.

09/27/2018



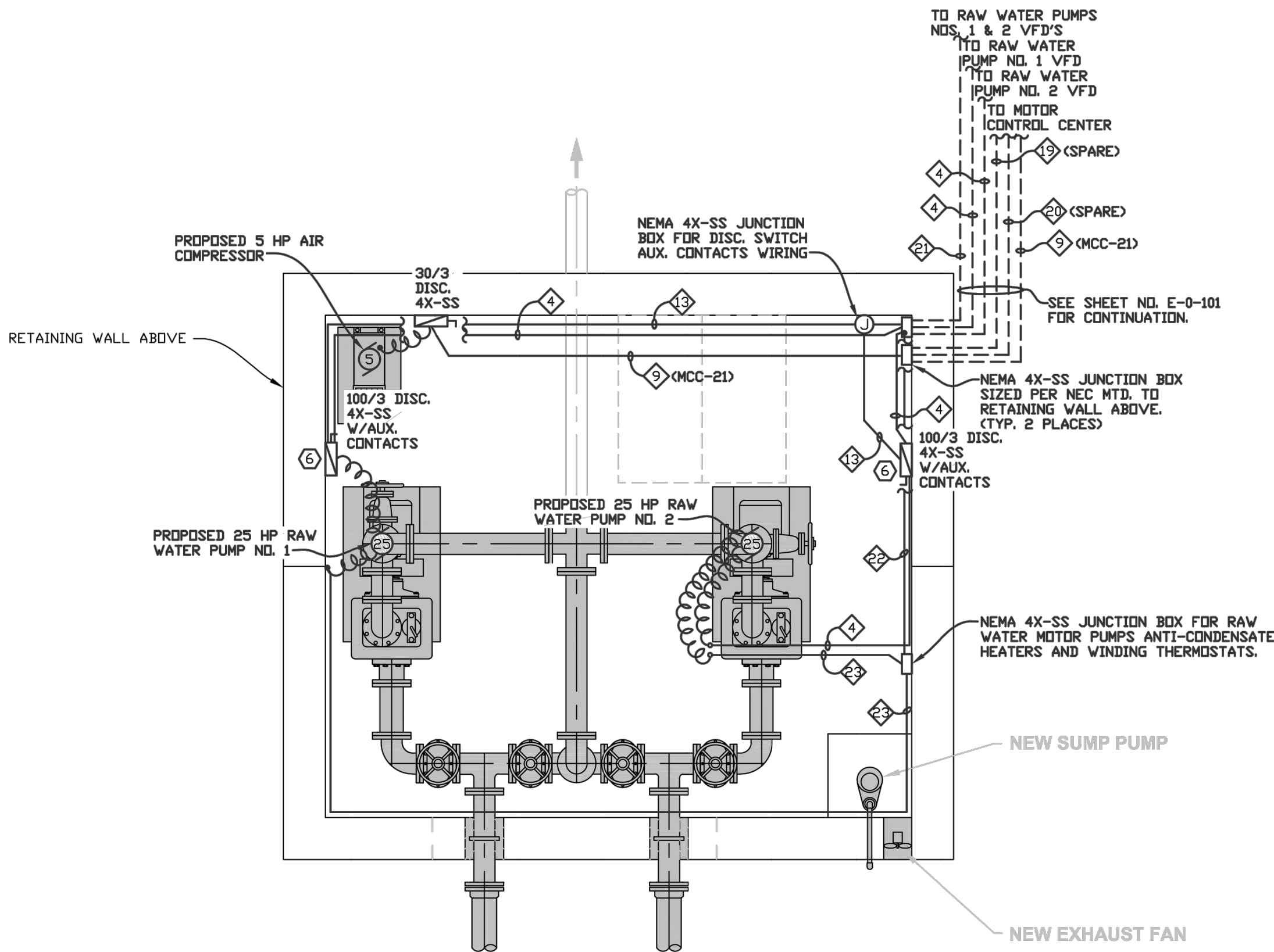
EXISTING INTAKE STRUCTURE ELECTRICAL DEMOLITION PLAN

SCALE: 3/8"=1'-0"



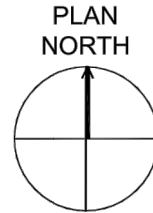
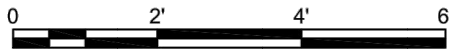
LEGEND

- PROPOSED / NEW
- EXISTING STRUCTURE, PIPING OR EQUIPMENT TO BE DEMOLISHED
- EXISTING TO REMAIN



EXISTING INTAKE STRUCTURE ELECTRICAL MODIFICATIONS PLAN

SCALE: 3/8"=1'-0"



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.
- 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 CONTRACTOR SHALL RE-ROUTE ALL EXISTING CIRCUITS AS REQUIRED TO MEET ALL REQUIREMENTS OF STATE AND LOCAL CODES.
- ALL ABANDONED CIRCUITS AND CONDUITS SHALL BE DISCONNECTED AND REMOVED.
- LOCAL DISCONNECT SWITCHES FOR MOTORS CONTROLLED BY VARIABLE FREQUENCY DRIVES SHALL BE EQUIPPED WITH AUXILIARY CONTACTS AND CONTROL WIRING INTERLOCKED WITH RESPECTIVE VFD.
- 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.



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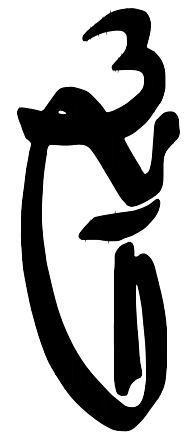
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This document, originally issued, sealed, and signed by JAMES D. PHILLIPS, Tennessee Professional Engineer, No. 016308, on JUNE 2015, shall not be used in lieu of a certified document.

GRW PROJECT NO. 3827-07

CLIENT PROJECT NO.

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EXISTING RAW WATER INTAKE STRUCTURE

ELECTRICAL DEMOLITION AND MODIFICATIONS PLANS

WATER TREATMENT PLANT EXPANSION

CITY OF LOBELVILLE, TENNESSEE

REVISED	NO.	DESCRIPTION	DATE	BY	DESIGNED	DRAWN	REVIEWED	APPROVED	SCALE CHECK	DATE:	SCALE:	SHEET NO.
					MLK	JRJ	JDP	JDP		JUNE 2015	AS SHOWN	E-1-101