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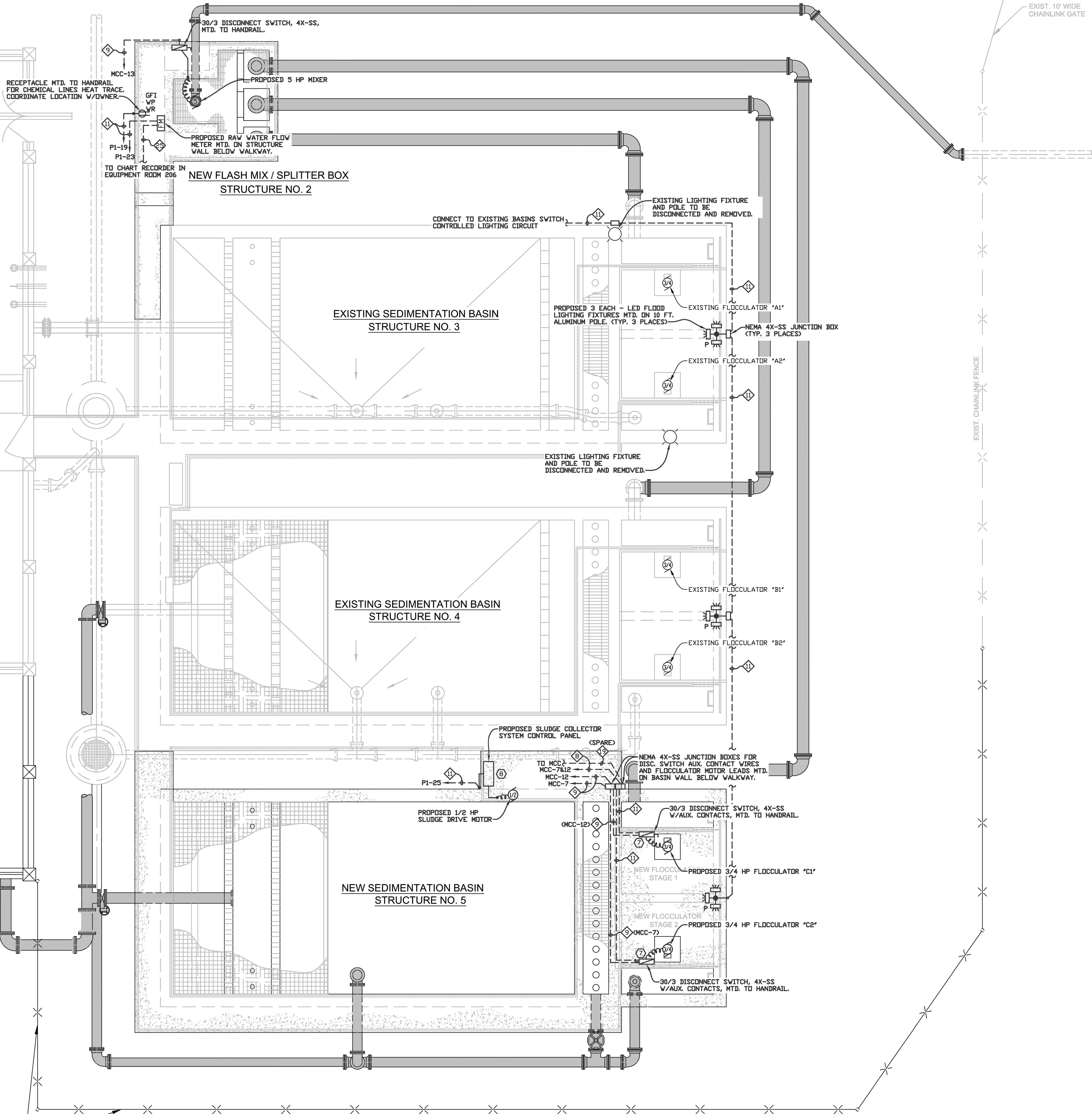
GRW
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09/27/2018

NEW CHAINLINK FENCE

EXISTING FILTER BUILDING

EXISTING FILTER BUILDING

NEW FILTER BUILDING ADDITION



- 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.
 - 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 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.
 - THE ELECTRICAL SUB-CONTRACTOR SHALL COORDINATE THE LOCATION, ELECTRICAL REQUIREMENTS, INTERCONNECTIONS AND CONTROL AND MONITORING REQUIREMENTS OF THE PROPOSED SLUDGE COLLECTOR SYSTEM WITH EQUIPMENT SUPPLIERS AND SHOP DRAWINGS. ADJUST OVERCURRENT PROTECTION DEVICES, FEEDER AND BRANCH CIRCUITS, CONTROL AND MONITORING WIRING, RACEWAY SYSTEMS AND LOCATIONS AS REQUIRED.
 - 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, 2008 INTERNATIONAL BUILDING CODE AND ALL STATE AND LOCAL CODES.

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**NEW FLASH MIX AND FLOCCULATION/SEDIMENTATION
BASINS ELECTRICAL MODIFICATIONS**
WATER TREATMENT PLANT EXPANSION
CITY OF LOBELVILLE, TENNESSEE

REVISED	NO.	DATE	DESCRIPTION	DESIGNED	BY	DRAWN	REVIEWED	APPROVED
				MLK		JRJ		JDP
								JDP

DATE: JUNE 2015
SCALE: AS SHOWN
SHEET NO.

E-0-102

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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