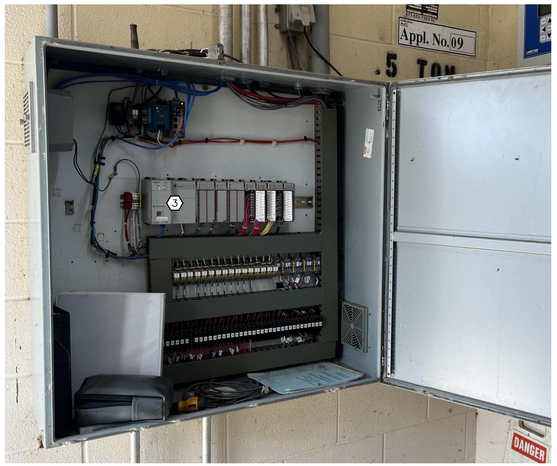
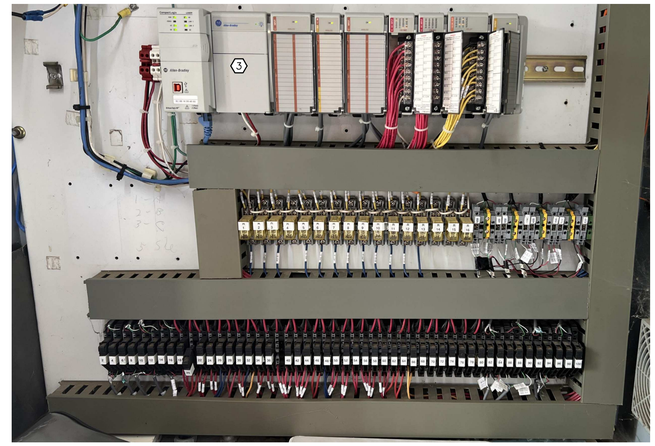


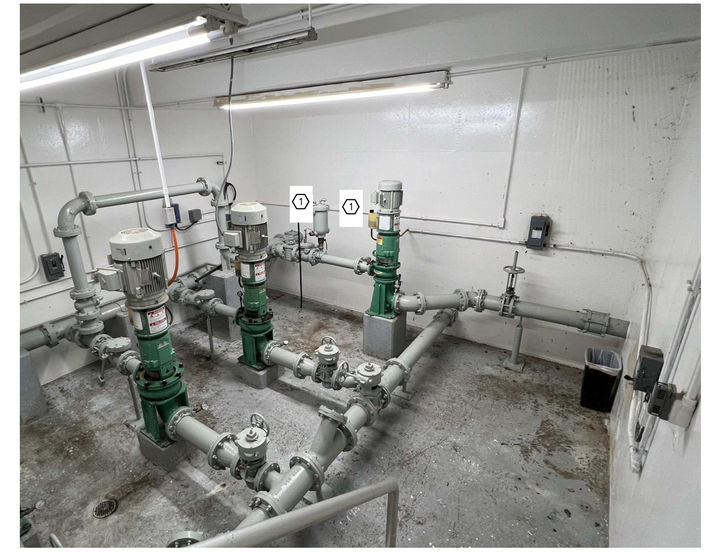
EXISTING PLC CONTROL PANEL

PHOTO 1 / EF-1



EXISTING PLC CONTROL PANEL

PHOTO 2 / –



EXISTING PUMP ROOM

PHOTO 3 / EF-1

EXISTING MOTOR CONTROL CENTER

PHOTO 4 / EF-1

EXISTING MOTOR CONTROL CENTER

PHOTO 5 / –

KEYED NOTES:

1. *PROVIDE AND INSTALL TWO (2) 30 AMP NEMA 4X STAINLESS STEEL SAFETY SWITCHES IN THE PUMP ROOM FOR PROPOSED ELECTRIC VALVE ACTUATORS. MOUNT TOP OF SWITCHES 72" AFF.*
2. *USE EXISTING MOTOR CONTROL CENTER BUCKETS FOR FEEDERS OF NEW ELECTRIC VALVE ACTUATORS. PROVIDE AND INSTALL ONE (1) NEW 15 AMP BREAKER IN TWO (2) BUCKETS FOR A TOTAL OF TWO (2) NEW BREAKERS, ONE FOR EACH VALVE ACTUATOR. REMOVE ANY EXISTING DOOR PILOT LIGHTS AND SWITCHES, PROVIDE AND INSTALL A BLANK PLATE IN THE EMPTY SPACES LEFT.*
3. *WIRE PROPOSED ELECTRIC VALVE ACTUATORS TO EXISTING PLC SPARE INPUTS AND OUTPUTS. EXISTING SPARE INPUTS ARE MODULE 5, INPUTS 9 THROUGH 14. EXISTING SPARE OUTPUTS ARE MODULE 6, OUTPUTS 4, 13, 14, AND 15.*

1"

ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

REVISION	DATE

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STATE OF ARKANSAS
PROFESSIONAL ENGINEER
No. 9686
SCOTT B. WEATCH
8/26/24

HAWKINS WEIR ENGINEERS, INC.

BLACK & VEATCH

ROGERS, ARKANSAS

ROGERS POLLUTION CONTROL FACILITY (PCF)
SOLIDS HANDLING IMPROVEMENTS, PHASE II

FINAL CLARIFIER DIVISION BOX AND PUMPING STATION ELECTRICAL PHOTOS AND DETAILS

FOR: ROGERS WATER UTILITIES

DATE: AUGUST 2024
SCALE: AS SHOWN
DESIGNED BY: LSM
DRAWN BY: LSM
HWEI NO.: 2020043
FILENAME: EF-02

SHEET NO.
EF-2

Z:\20\2020043 ROGERS SOLIDS HANDLING IMPROVEMENTS, PH 2\DRAWINGS\CONSTRUCTION DRAWINGS\WWTP\EF-02.DWG, 8/26/2024 11:58 AM, MATT WEIR, EE-01