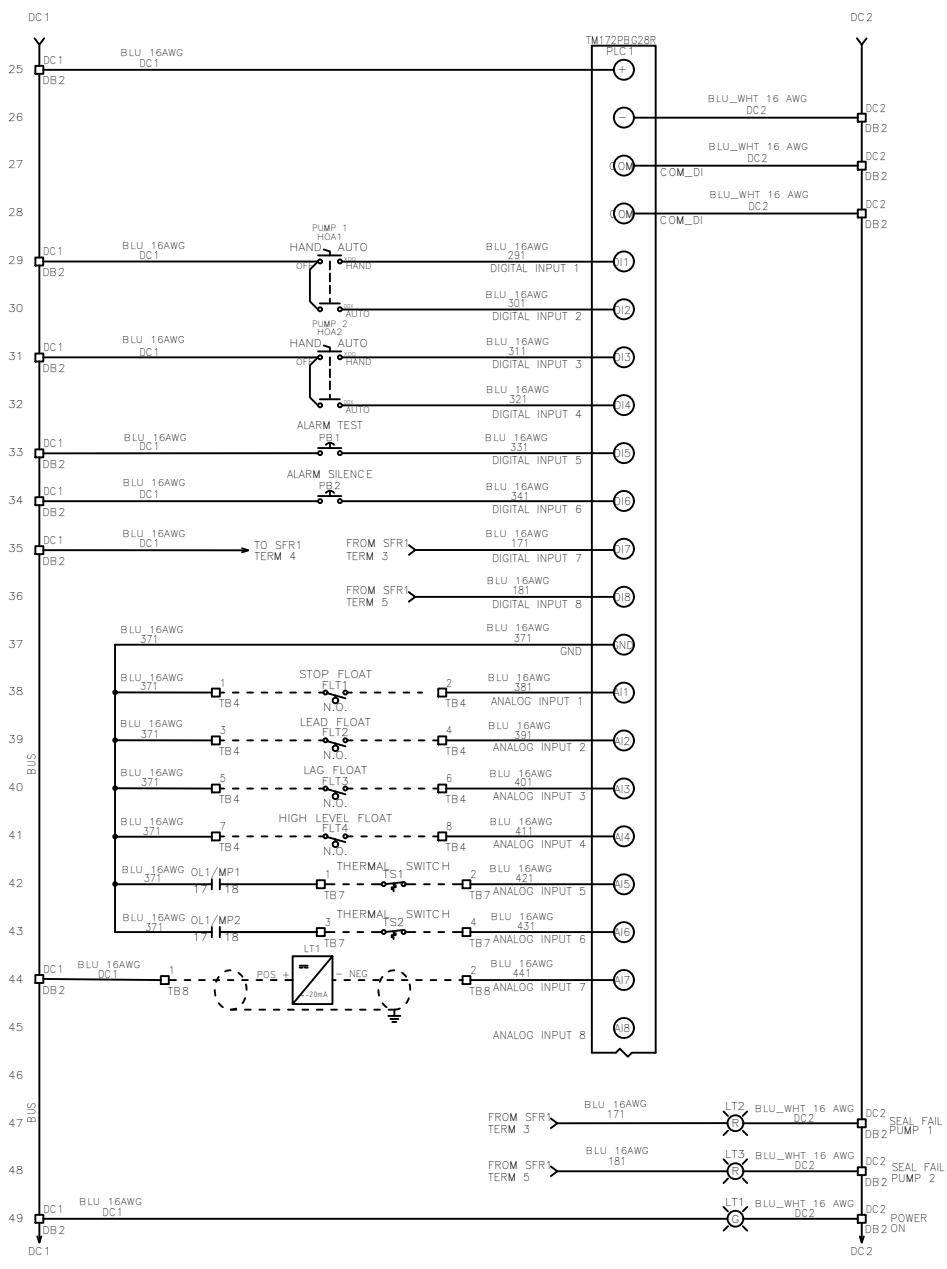
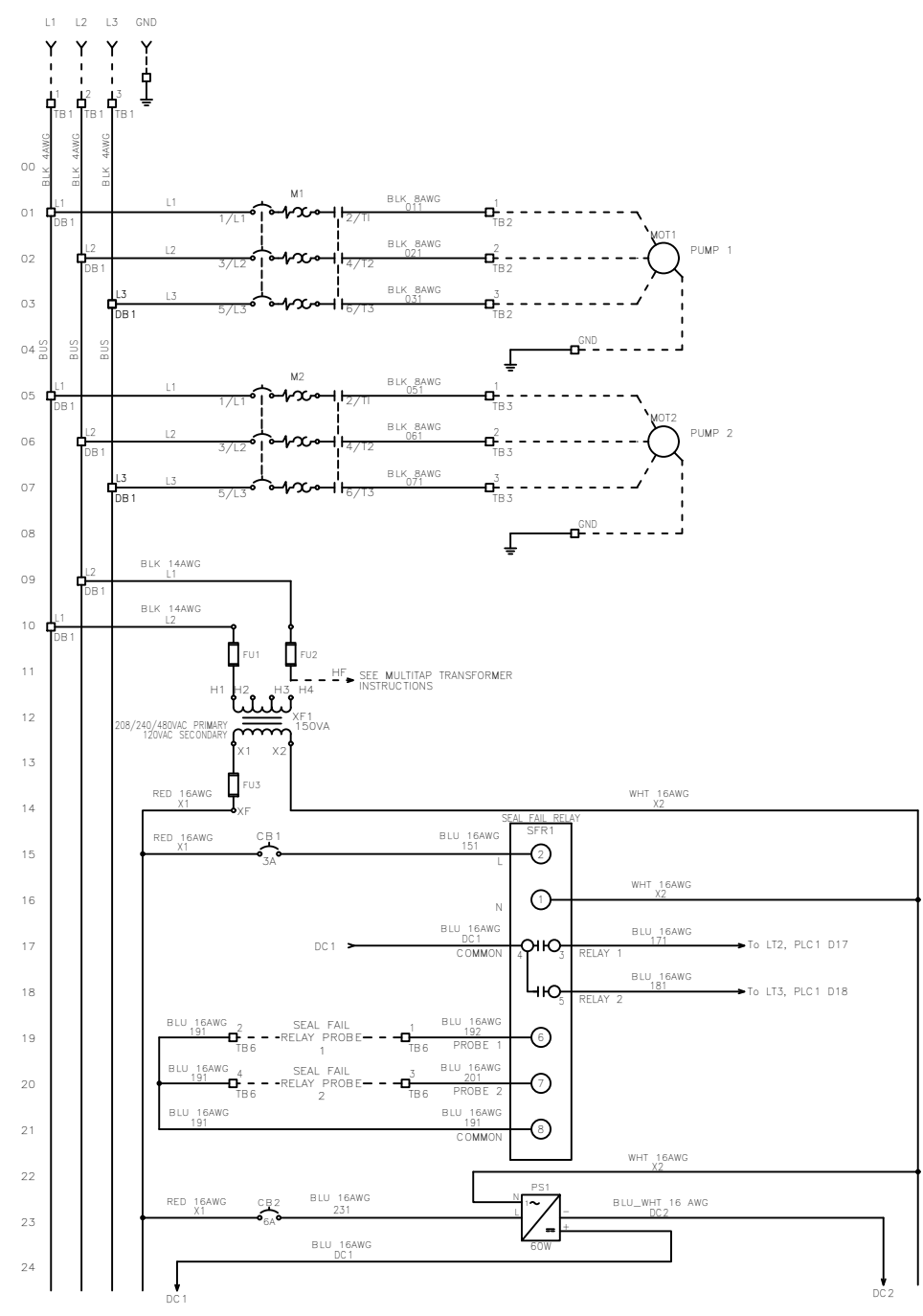


FNAME: TRD-31
REVDATE: 0820

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



MULTI-TAP TRANSFORMER:
CONNECT FACTORY TAGGED WIRES TO APPROPRIATE TRANSFORMER VOLTAGE TAP. SEE BELOW FOR CONNECTIONS:
FOR 208V OPERATION, CONNECT TO FUSE INPUT HF & TO TRANSFORMER TAP H2.
FOR 240V OPERATION, CONNECT TO FUSE INPUT HF & TO TRANSFORMER TAP H3.
FOR 480V OPERATION, CONNECT TO FUSE INPUT HF & TO TRANSFORMER TAP H4.

----- DASHED LINE INDICATES FIELD WIRING.
USE COPPER CONDUCTORS ONLY.
TEMPERATURE RATING OF CONDUCTORS IS TO BE: 60°C (140°F) FOR UNDER 100A. 75°C (167°F) FOR OVER 100A.
BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY THE INSTALLER: MUST BE SIZED ACCORDING TO PUMP/MOTOR MANUFACTURING SPECIFICATIONS.
VERIFY CORRECT OPERATION OF CONTROL PANEL AFTER INSTALLATION IS COMPLETE.

FIELD WIRING TORQUE SPECS.	
TERMINAL BLOCK UT 2,5	5 IN-LB
TERMINAL BLOCK UT 4	7 IN-LB
TERMINAL BLOCK UT 6	15 IN-LB
TERMINAL BLOCK UT 10	15 IN-LB
TERMINAL BLOCK UT 16	25 IN-LB
TERMINAL BLOCK UT 35	30 IN-LB
TS1, TS2, J2 & J3 PCB	5 IN-LB
TRANSFORMER H1F, H2F & H3F	15 IN-LB
TRANSFORMER H1, H2 & H3	10 IN-LB
DS1 VLS3P16-63 R1	16 IN-LB
DS1 VLS3P63-125 R2	45 IN-LB
DS1 LK4JU3CN 100A	36 IN-LB
DS1 LK4MU3N 200A	200 IN-LB
M1/ M2 T1, T2 & T3	15 IN-LB

UL #:	E320866
TOTAL FLA:	12 A
LARGEST MOT. FLA	5.0 A
VOLTAGE:	208/240/480 VAC
PHASE:	3 PH
FREQUENCY:	60 Hz
ENCLOSURE TYPE:	NEMA 3R
SHORT CIRCUIT CURRENT:	5KA RMS SYMMETRICAL 600V MAXIMUM

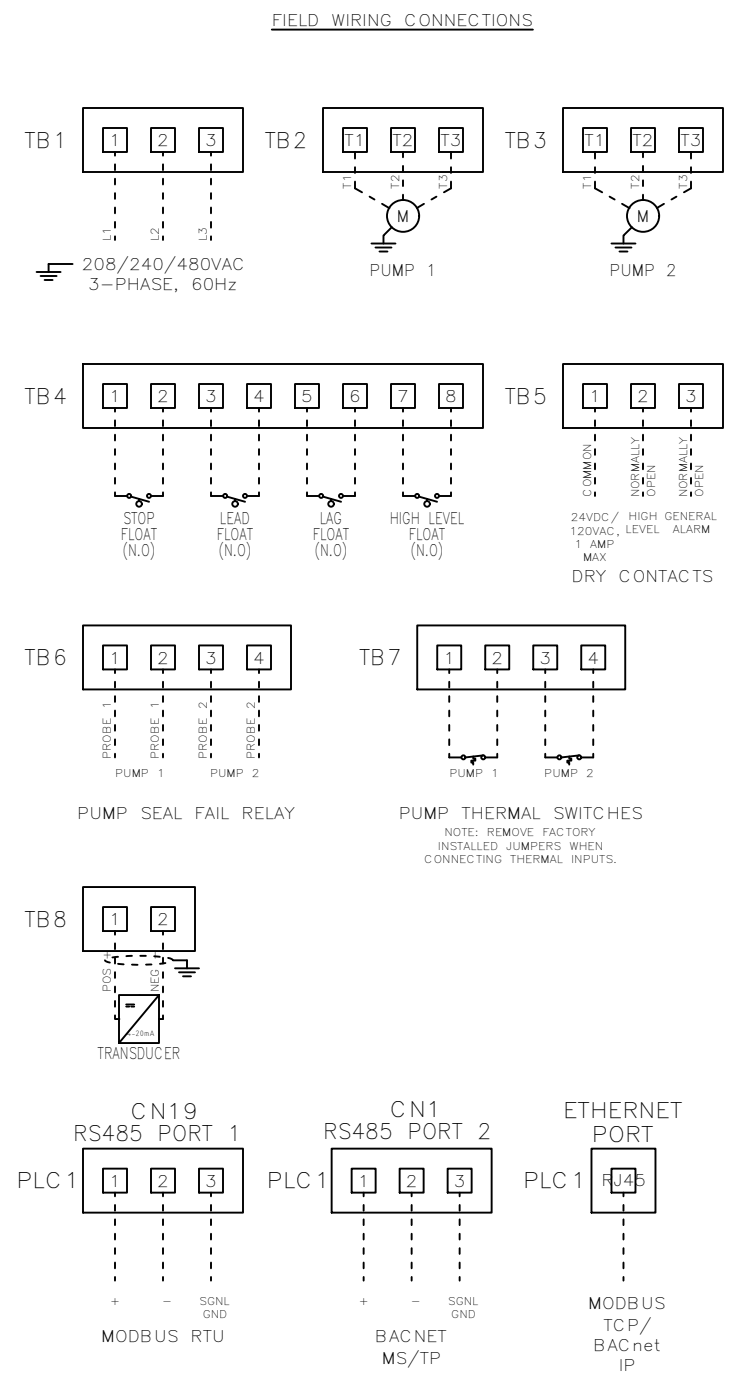
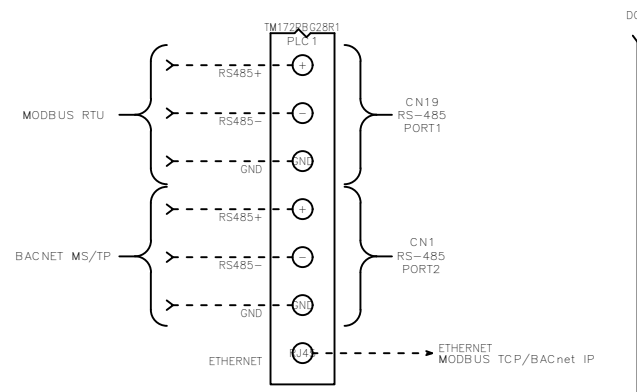
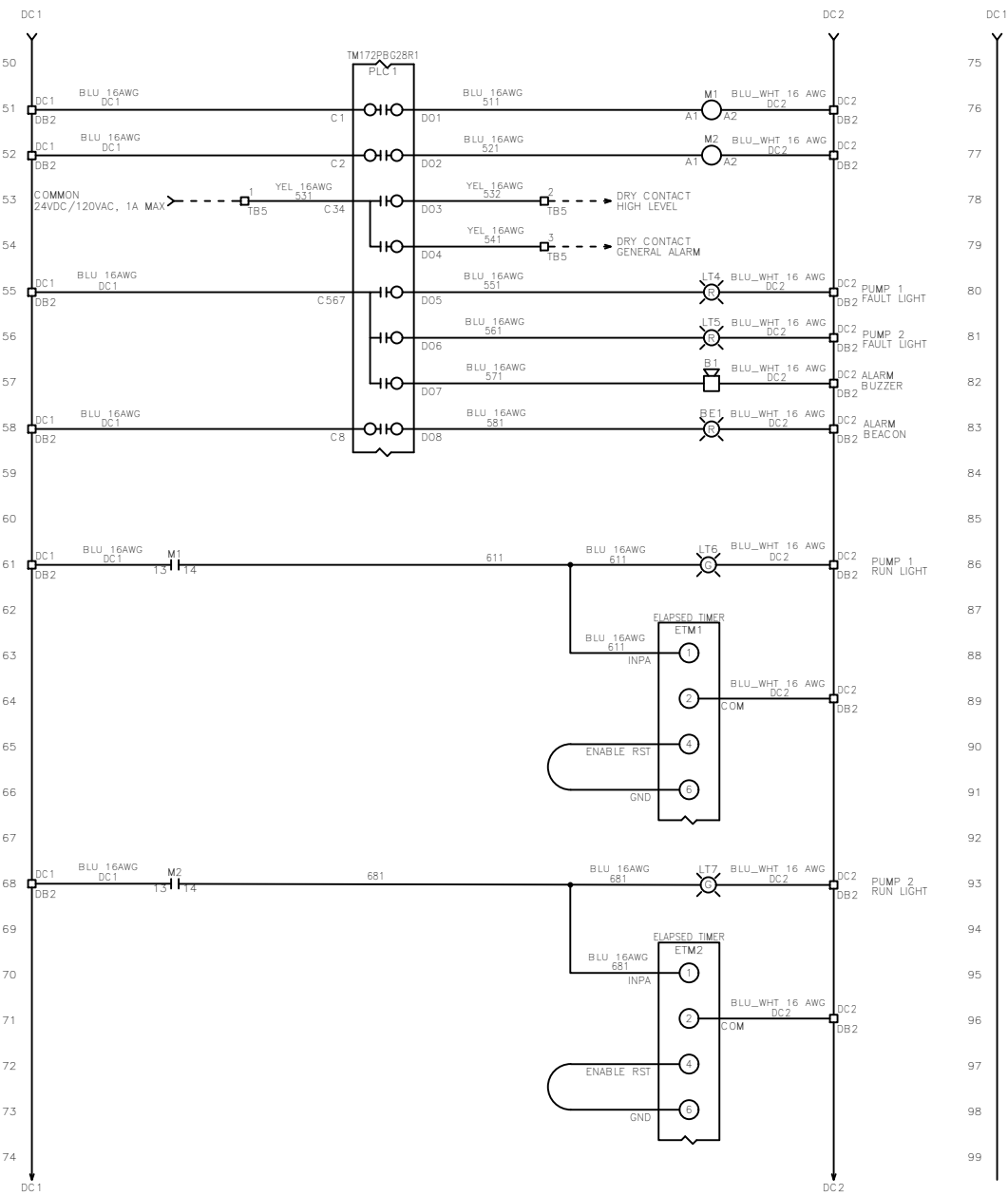
DRAWN BY: JED
DATE: 8/28/20
APPROVED BY: KM
DATE: 8/28/20
THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.



TITLE: TRD-31 SCHEMATIC			
SIZE: B	DWG NO.: 1840	PART NO.:	REV
SCALE: NONE		SHEET: 1 OF 2	

FNAME: TRD-31
REVDATE: 0820

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



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DS1 LK4MU3N 200A	200 IN-LB
M1/ M2 T1, T2 & T3	15 IN-LB

UL #:	E320866
TOTAL FLA:	12 A
LARGEST MOT. FLA	5.0 A
VOLTAGE:	208/240/480 VAC
PHASE:	3 PH
FREQUENCY:	60 Hz
ENCLOSURE TYPE:	NEMA 3R
SHORT CIRCUIT CURRENT:	5KA RMS SYMMETRICAL 600V MAXIMUM

UL #:
E320866
TOTAL FLA:
12 A
LARGEST MOT. FLA
5.0 A
VOLTAGE:
208/240/480 VAC
PHASE:
3 PH
FREQUENCY:
60 Hz
ENCLOSURE TYPE:
NEMA 3R
SHORT CIRCUIT CURRENT:
5KA RMS SYMMETRICAL
600V MAXIMUM

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TRD-31 SCHEMATIC

SIZE	DWG NO.	PART NO.	REV
B	1840		TRD-31
SCALE	NONE	SHEET	2 OF 2