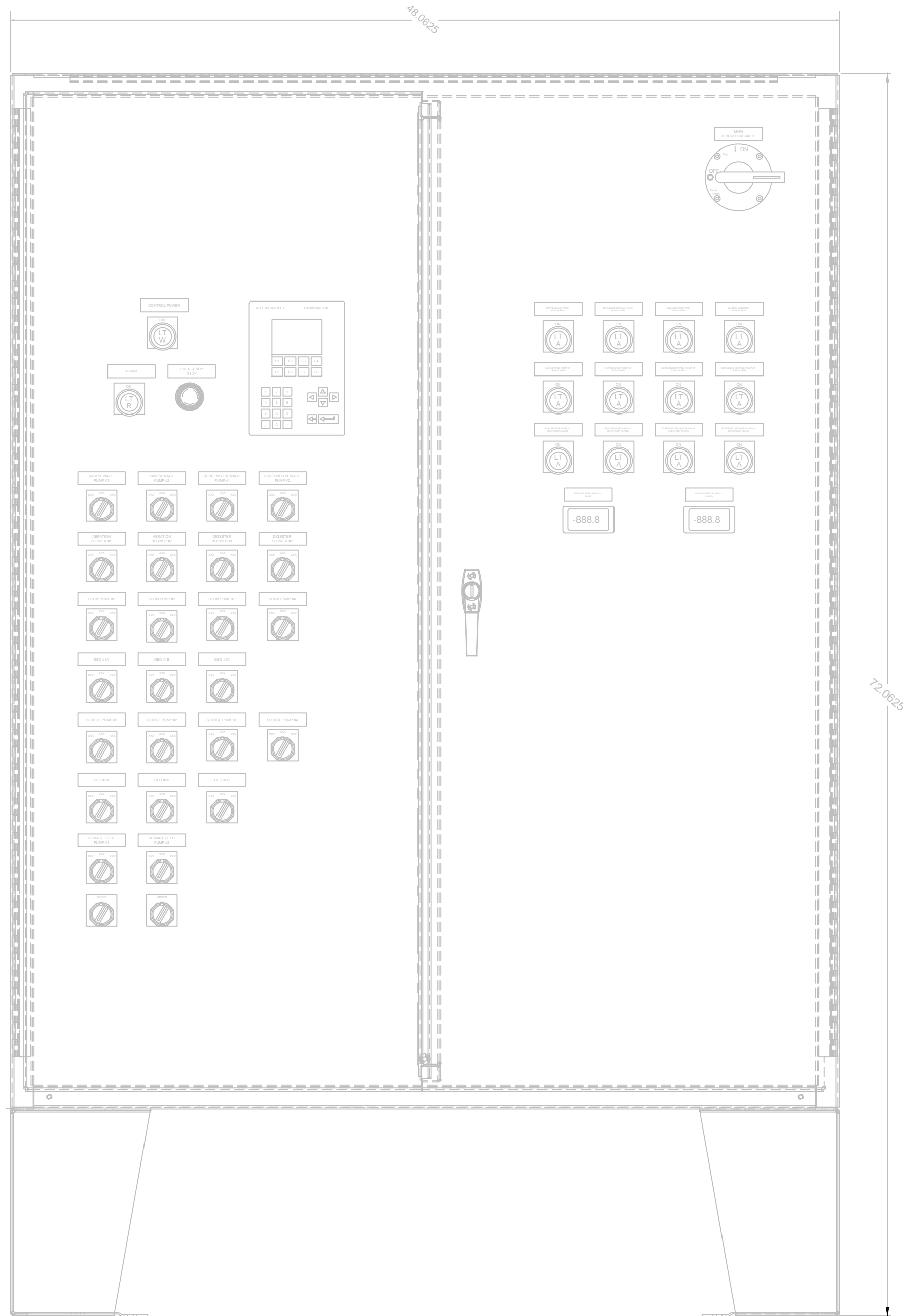
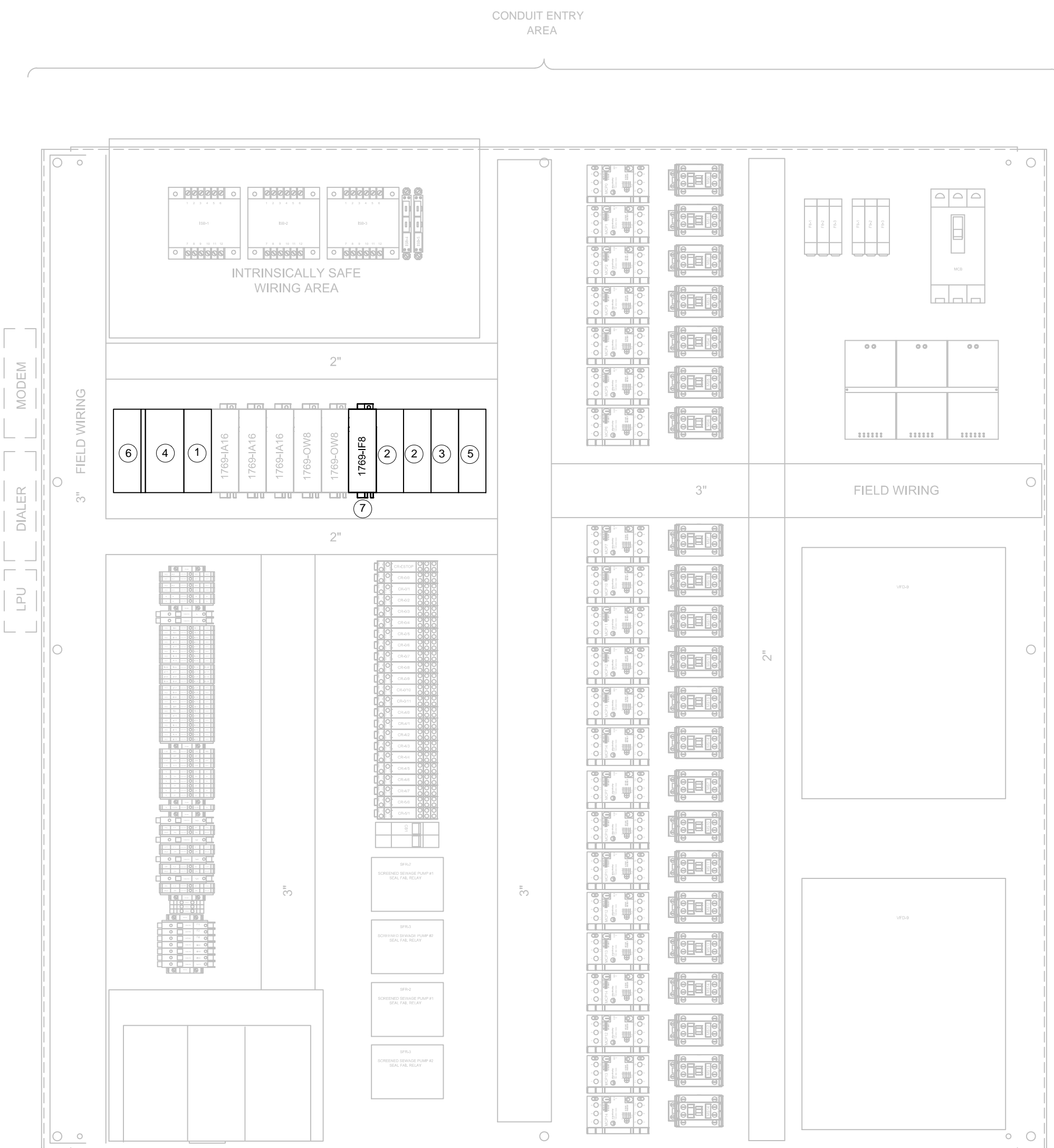


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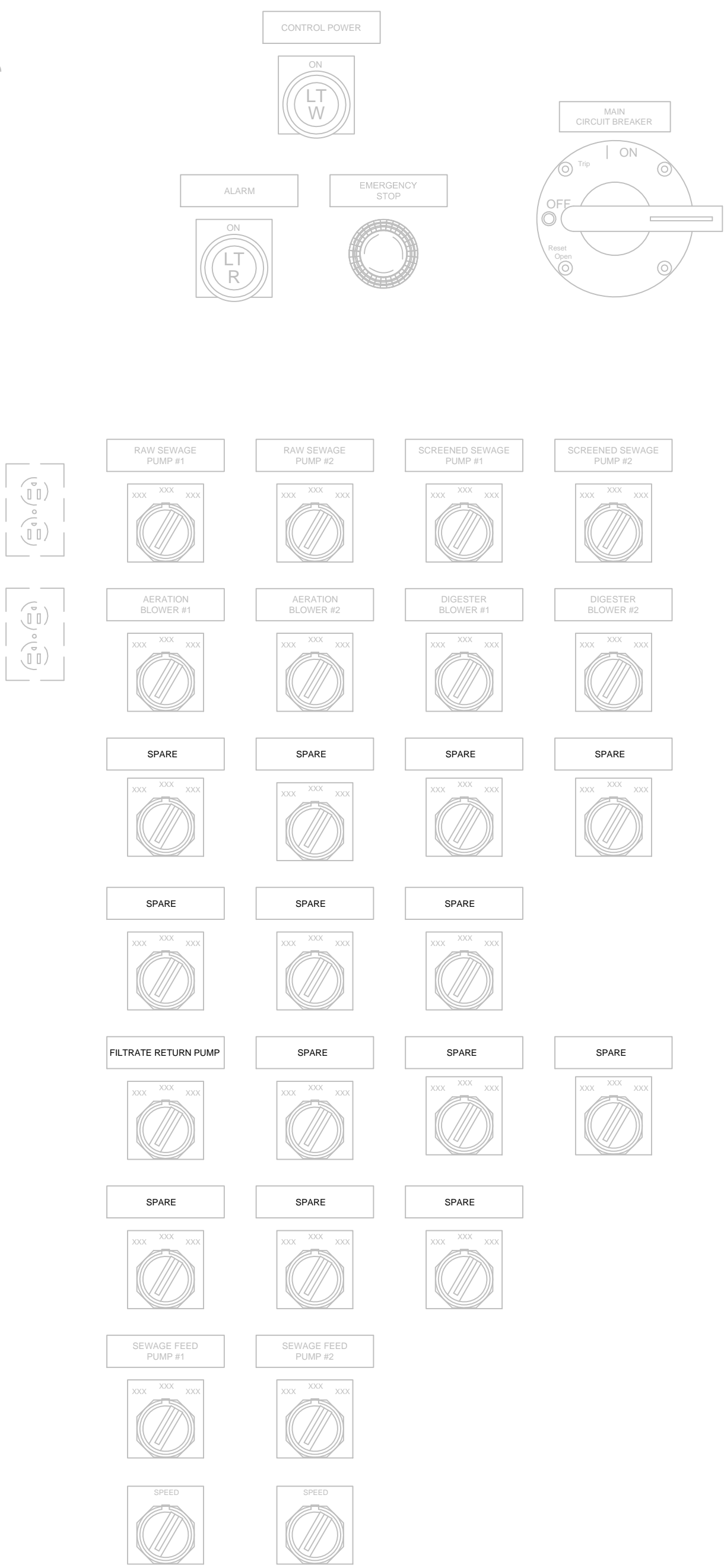
PANEL EXTERIOR LAYOUT



PANEL EXTERIOR LAYOUT


KEYNOTES:

- 1 REMOVE EXISTING MICRO LOGIX 1500 PLC AND REPLACE WITH NEW COMPACT LOGIX 1769-L33ER. DO NOT INSTALL PROCESSOR UNTIL PLANT HAS BEEN SHUT DOWN.
- 2 NEW 1769-OW8 8 POINT RELAY OUTPUT CARD MODIFY PANEL WIRING AS INDICATED ON DRAWING.
- 3 NEW 1769-1A16I 16 POINT ISOLATED INPUT CARD
- 4 NEW 1769-PA2 POWER SUPPLY CONNECT L, N, AND GND IN PANEL
- 5 NEW 1769-OF8C 8 CHANNEL INDIVIDUALLY ISOLATED 4-20mA ANALOG OUTPUT CARD.
- 6 1793-US08T STRATIX 2000 UNMANAGED ETHERNET SWITCH 8 PORTS COPPER DIN RAIL MOUNTED. CONNECT POWER FROM 24 VDC POWER SUPPLY IN PANEL.
- 7 REPLACE EXISTING 1769-IF4 MODULE WITH 1769-IF8 MODULE. TURN EXISTING MODULE OVER TO THE OWNER FOR SPARE.



LEGEND PLATES


No.	Issue	Date
1	60% REVIEW SUBMISSION	2013-MAR-08
2	ISSUED FOR TENDER	2013-APR-10
3	RELEASED FOR CONSTRUCTION	2013-JUN-27



No.	Revision	Ckd. By	Date

PERMIT OF PRACTICE
EXP SERVICES INC.
Signature: *R.A. Porter*
Date: 2013/JUN/27
PERMIT NUMBER: P483
NT/NU Association of Professional Engineers and Geoscientists.


RELEASED FOR CONSTRUCTION



Const. North

Drawn By: TAW
Dwg. Standards: PD
Designed By: DEB
Date Printed:
Dwg. Design Ckd. By: JFP

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Project Title

WASTE WATER TREATMENT PLANT UPGRADE
PANGNIRTUNG, NU

Dwg. Title

PLC #3 PANEL WIRING
(SHEET 1 OF 3)

Project No. OTT-00204430-A0
Dwg. No. E2610-1 Rev. No. 0
Scale NOT TO SCALE
This drawing is not to be scaled