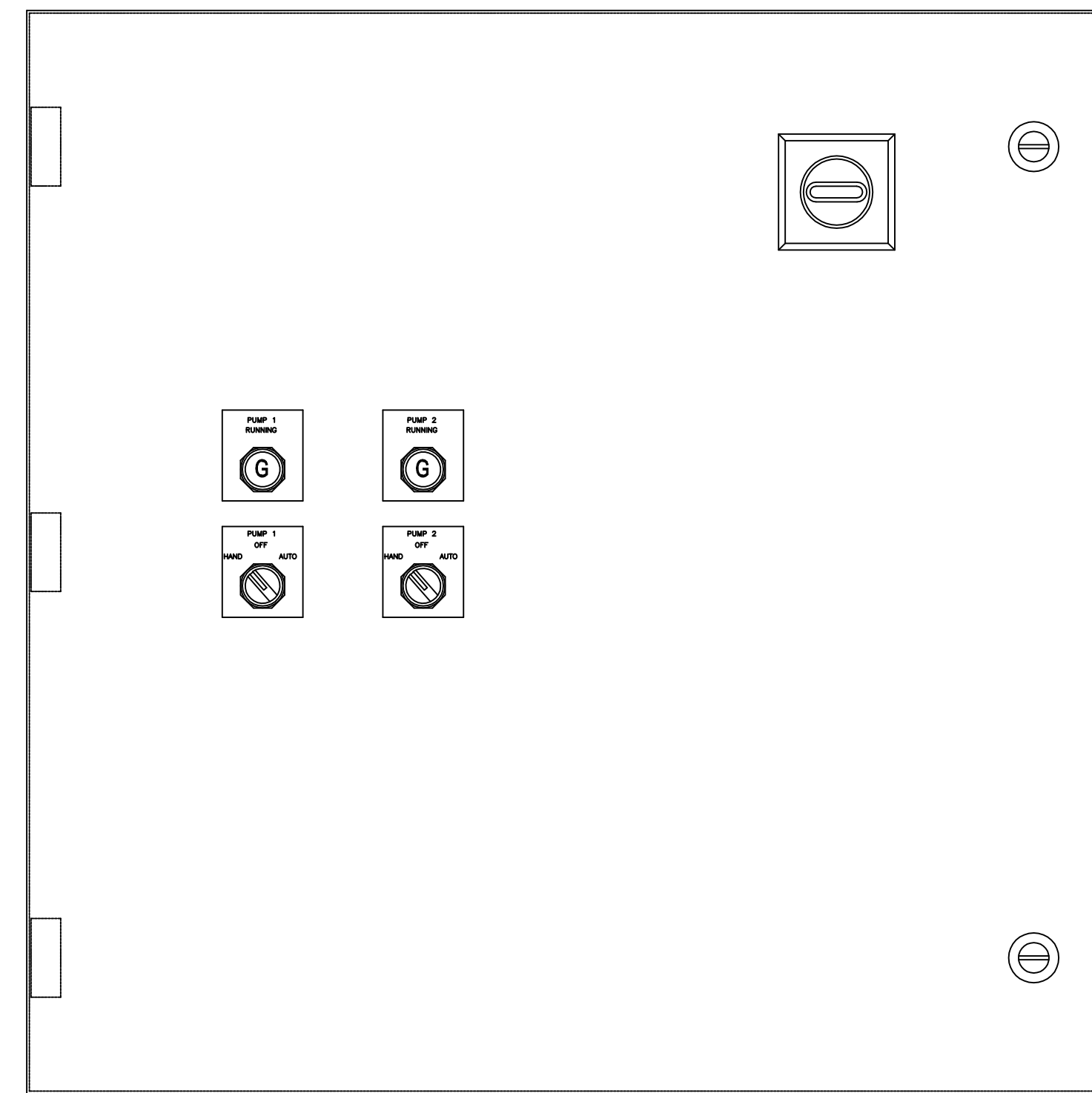
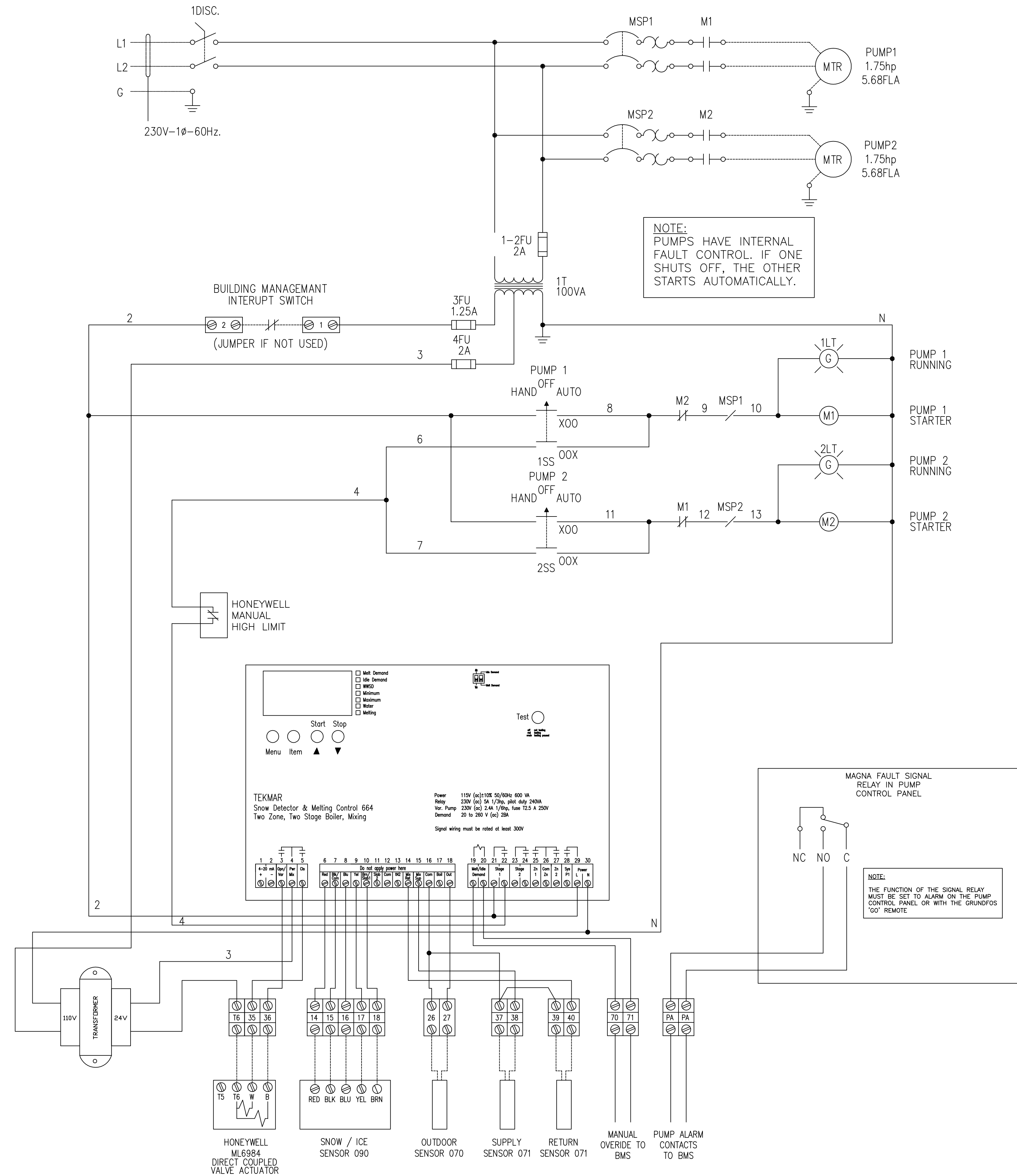
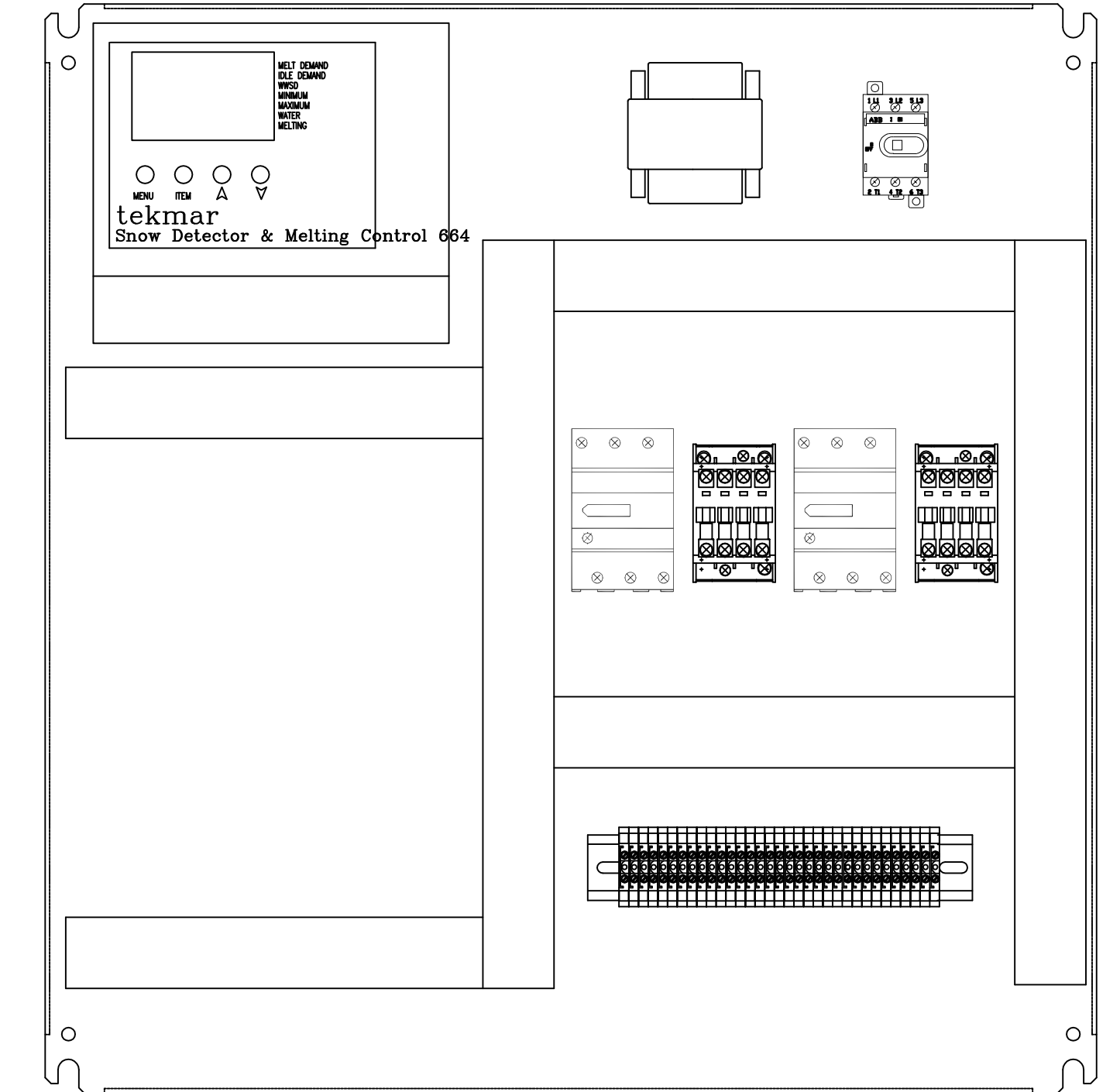


CONTROLS DIAGRAM

SCALE: NONE



24 X 24 X 8 NEMA 4/12 ENCLOSURE



#	ITEM	PART NUMBER	DESCRIPTION	MFR	QTY
1	ENCLOSURE	EN4SD30248CG	30 X 24 X 8 NEMA 4/12 ENCLOSURE	HAMMOND	1
2	ENCLOSURE	EP3024	STEEL BACK PANEL	HAMMOND	1
3	DISC	OT32E3	30 AMP NON FUSED DISCONNECT	ABB	1
4	DISC	OHB2AJ	DISCONNECT HANDLE	ABB	1
5	DISC	OXS5X180	DISCONNECT SHAFT	ABB	1
6	MSP1-2	MS325-9.0.3	MOTOR CIRCUIT PROTECTOR, 6.3-9.0AMP	ABB	2
7	MSP1-2	MS325-HK11	AUXILLARU CONTACTS	ABB	2
8	M1-2	A9-30-10-84	3 POLE CONTACTOR	ABB	2
9	1-2FU	ATDR2	2 AMP CLASS CC FUSE	FERRAZ	2
10	1CT	9070TF100D15	100VA 460-230/120-24 CPT	SQUARE D	1
11	3FU	TRM1 1/4	1.25 AMP TIME DELAY FUSE	FERRAZ	1
12	4FU	TRM2	2 AMP TIME DELAY FUSE	FERRAZ	1
13	1-2LT	CBK-KLF1G	GREEN PILOT LIGHT, 120VAC BULB	ABB	1
16	DETECTOR	664	SNOW/MELTING CONTROL	TEKMAR	1
18	SENSORS	090	SLAB TEMP MOISTURE SENSORS	TEKMAR	1
19	TERMINALS	3004362	IEC TERMINAL BLOCKS	PHOENIX	34
20	TERMINALS	3003020	IEC TERMINAL BLOCK END PLATE	PHOENIX	1
21	TERMINALS	3022218	IEC TERMINAL BLOCK DIN CLAMPS	PHOENIX	4

LIABILITY
This drawing and our recommendations and suggestions, are intended to assist our customers. Our design represents our best judgment based on our experience and the best facts provided to us, any use thereof is at the sole risk of the customer. It is assumed that the customer will install the THAW-PAK system in compliance with all local, state and national codes.

CONSULTANTS:
LIMBACH CO. LLC
MICHIGAN CITY

PROJECT NAME:
thawPAK
Snow/Melting System

JACKSON NATIONAL LIFE
MICHIGAN CITY

THAW-PAK DISTRIBUTOR:
PERFORMANCE engineering group

DRAWN BY:
Gordon Faustich
REVIEWED BY:
AD
APPROVED BY:
AD
ISSUED FOR:
APPROVAL
12/09/14
12/31/14
02/24/15
03/23/15
03/24/15

PROPERTY OF THAW-PAK
This drawing is the property of THAW-PAK, it has been prepared to assist in the installation of our system. Customer agrees to keep confidential and not disclose this drawing or copies thereof without our written consent.

DRAWING NO.
PEG14-009S_E

SHEET NO.
E1