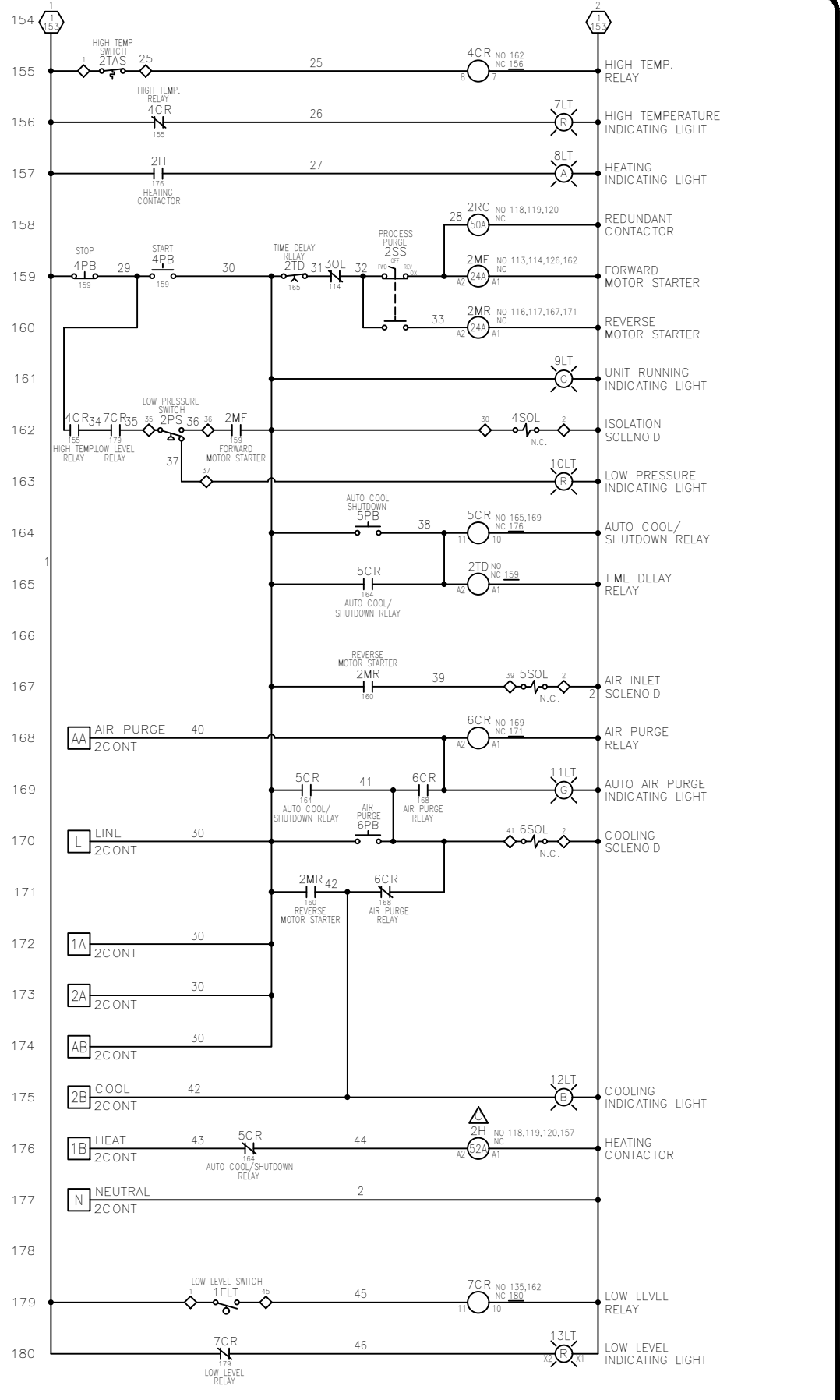
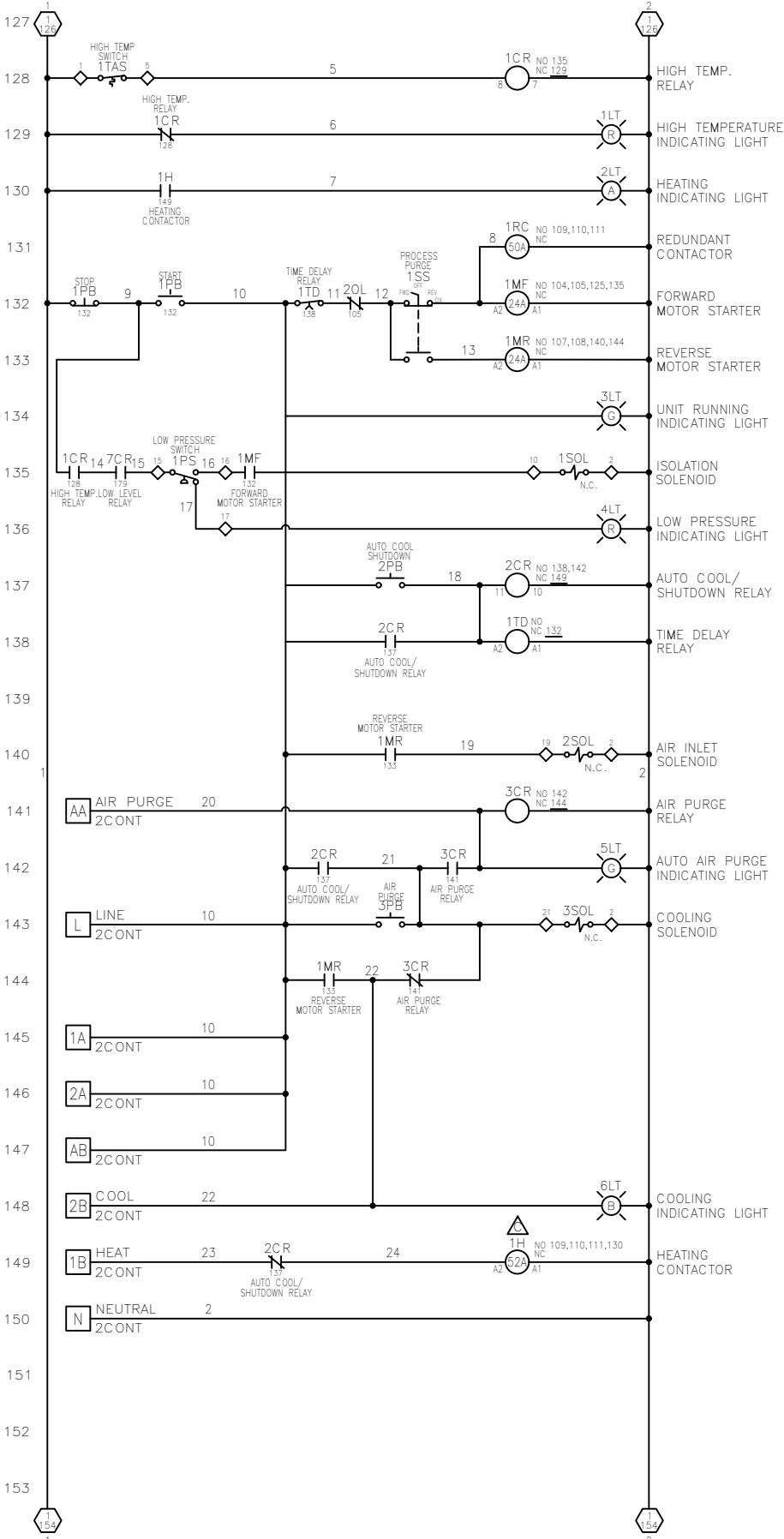
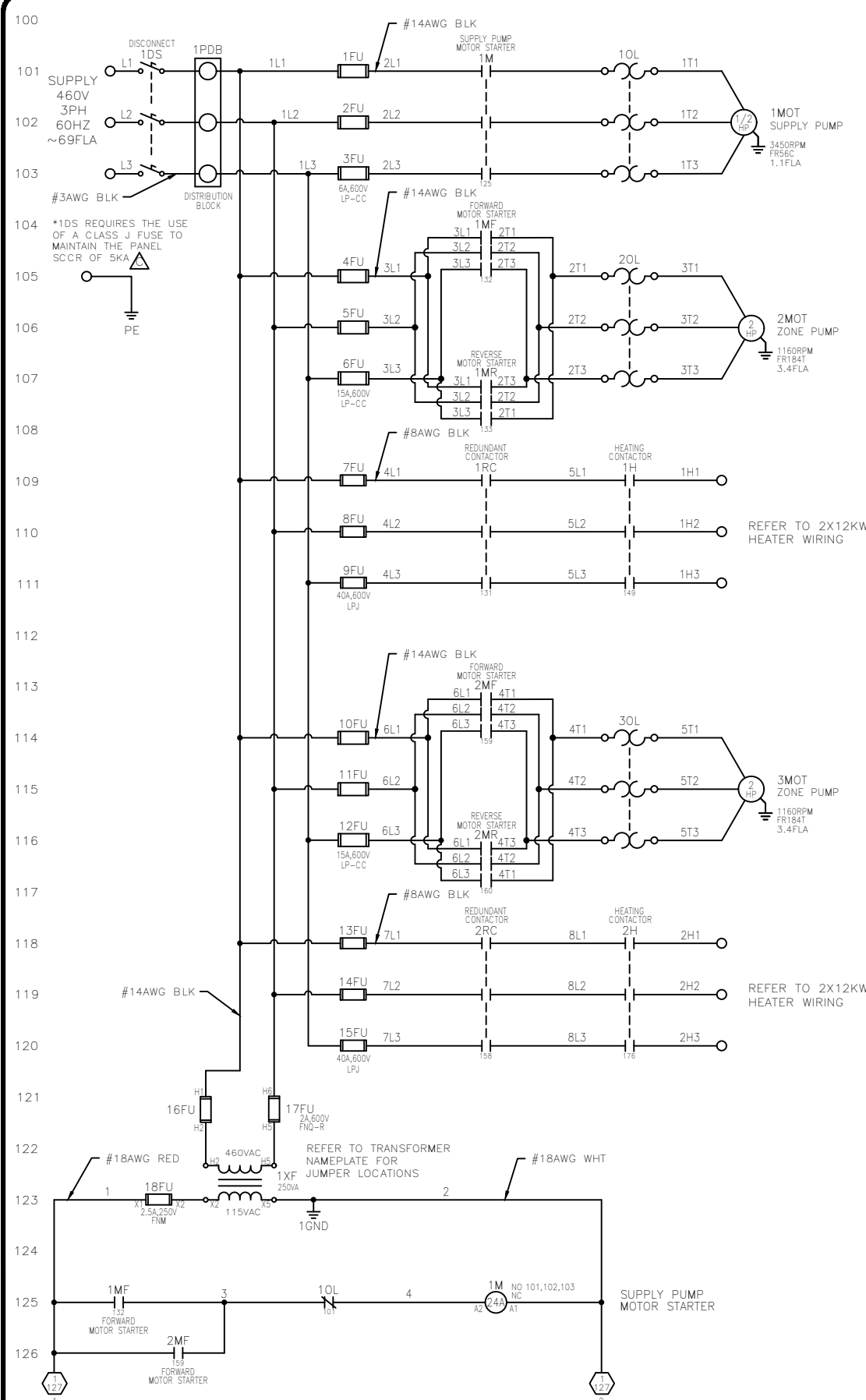


REVISIONS			
C	DESCRIPTION	BY	DATE
C	UPDATED CONTACTORS	KD	12/08/21
B	UPDATED PANEL LAYOUT	BK	11/03/21
A	UPDATED FLA, DS NOTE & FORMATTING	ET	12/09/20
LTR	DESCRIPTION	BY	DATE

- NOTES:
- 1.) ALL VOLTAGES ARE "AC" UNLESS OTHERWISE SPECIFIED.
 - 2.) USE FUSES SPECIFIED OR EQUIVALENT.
 - 3.) LAST WIRE NUMBER IS 46
 - 4.) ♦ INDICATES TERMINAL BLOCK CONNECTION.
 - 5.) REVERSING MOTOR STARTER EQUIPPED WITH MECHANICAL INTERLOCK

PROPRIETARY NOTICE

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REFERENCE	MODEL	DRAWN	N. GARBACZ	11/18/15
	H64224QX	CHECKED	BK	11/18/15
	460V/3PH/60HZ	APPROVED	JM	11/18/15
		VERIFIED		

DESCRIPTION

ELECTRICAL SCHEMATIC/PANEL LAYOUT:

24KW DUAL ZONE OIL UNIT

MOKON

2150 Elmwood Avenue, Buffalo, New York 14207

MODEL NO. H64224AAW

DWG. NO. H64224AAW

SCALE: NONE DWG. SIZE: B SHEET 1 OF 3

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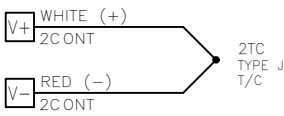
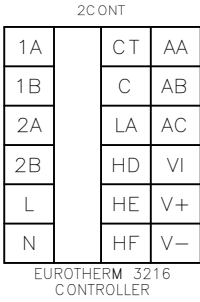
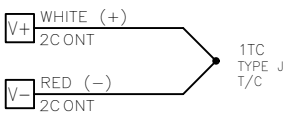
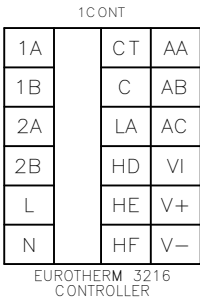
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1XF	1	024103	TRANSFORMER 250VA
1TAS	2	023070	TEMPERATURE SWITCH
2TAS			
	24	026529	TERMINAL BLOCK
1TD	2	006239	TIME DELAY RELAY
2TD			
1TC	2	040002	TYPE J THERMOCOUPLE (GROUNDED)
2TC			
2SOL	2	025275	SOLENOID VALVE 1/8"
5SOL			
1SOL	4	025107	SOLENOID VALVE 1/2"
3SOL			
4SOL			
6SOL			
1SS	2	022179	3 POS. SELECTOR SWITCH
2SS			
1RC	2	006266	REDUNDANT CONTACTOR 50A
2RC			
1PS	2	022142	LOW PRESSURE SWITCH
2PS			
1PB	2	022038	PUSH BUTTON - START/STOP
4PB			
2PB	4	022185	PUSH BUTTON - BLACK
3PB			
5PB			
6PB			
1OL	3	006366	OVERLOAD 1.0-5.0A
2OL			
3OL			
1MR	2	006256	CONTACTOR 24A
2MR			
2MOT	2	030003	MOTOR
3MOT			
1MOT	1	030029	PUMP WITH MOTOR
1M	3	006256	CONTACTOR 24A
1MF			
2MF			
13LT	1	014055	RED PILOT LIGHT
1OLT	4	014162	RED INDICATING LIGHT
1LT			
4LT			
7LT			
11LT	4	014166	GREEN INDICATING LIGHT
3LT			
5LT			
9LT			
12LT	2	014163	BLUE INDICATING LIGHT
6LT			
2LT	2	014164	AMBER INDICATING LIGHT
8LT			
1GND	1	026462	GROUND BAR
16FU	2	045052	FUSE 2A FNQ-R
17FU			
10FU	6	045043	FUSE 15A LP-CC
11FU			
12FU			
4FU			
5FU			
6FU			
1FU	3	045035	FUSE 6A LP-CC
2FU			
3FU			
13FU	6	026397	FUSE 40A LPJ
14FU			
15FU			
7FU			
8FU			
9FU			
18FU	1	026045	FUSE 2-1/2A FNM
1FLT	1	022162-1	LEVEL SWITCH
1H	2	006502	CONTACTOR 52A, 120V (K3-18NB10)
2H			
1DS	1	022236	DISCONNECT 100A DOOR MOUNT
1PDB	1	026399	DISTRIBUTION BLOCK 175A
1CONT	2	040472	CONTROLLER
2CONT			
1CR	2	006453	RELAY 2PDT 10A 120V
4CR			
3CR	2	006289	RELAY SPDT 6A
6CR			
2CR	3	006250	RELAY 3PDT 10A 120V
5CR			
7CR			
ITEM	QTY	MOKON P/N	DESCRIPTION



C	UPDATED CONTACTORS	KD	12/08/21	
B	UPDATED PANEL LAYOUT	BK	11/03/21	
A	UPDATED FLA, DS NOTE & FORMATTING	ET	12/09/20	
LTR	DESCRIPTION	BY	DATE	ECN NO.
REVISIONS				

NOTES:

1.) ALL VOLTAGES ARE "AC" UNLESS OTHERWISE SPECIFIED.

2.) USE FUSES SPECIFIED OR EQUIVALENT.

3.) LAST WIRE NUMBER IS 46.

4.) ♦ INDICATES TERMINAL BLOCK CONNECTION.

5.) REVERSING MOTOR STARTER EQUIPPED WITH MECHANICAL INTERLOCK

PROPRIETARY NOTICE

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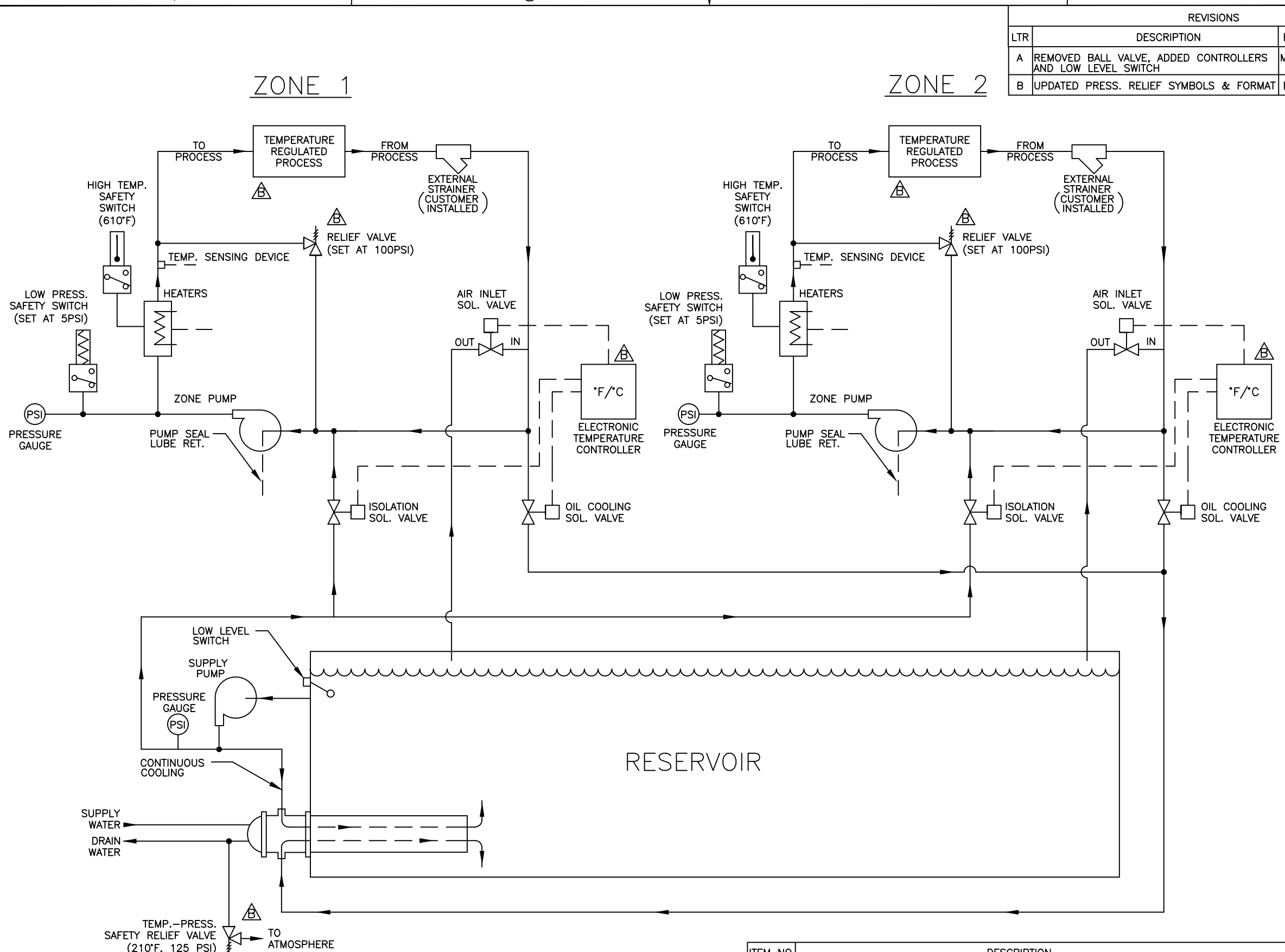
REFERENCE MODEL	DRAWN	N. GARBACZ	11/18/15
H64224QX	CHECKED	BK	11/18/15
460V/3PH/60HZ	APPROVED	JM	11/18/15
	VERIFIED		

DESCRIPTION	
ELECTRICAL SCHEMATIC/PANEL LAYOUT: 24KW DUAL ZONE OIL UNIT	

MOKON

2150 Elmwood Avenue, Buffalo, New York 14207

C	MODEL NO. H64224AAW	DWG. NO. H64224AAW
REV		
SCALE: NONE	DWG SIZE: B	SHEET 2 OF 3



REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROVED
A	REMOVED BALL VALVE, ADDED CONTROLLERS AND LOW LEVEL SWITCH	MLR	11/14/13	
B	UPDATED PRESS. RELIEF SYMBOLS & FORMAT	ET	08/27/20	

PROPRIETARY NOTICE

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ITEM NO.	DESCRIPTION			PART NO.
UNLESS OTHERWISE SPECIFIED	DRAWN	C.YERKOVICH	2/27/02	
.XX ± .010	CHECKED	CY	2/27/02	
.XXX ± .005	APP.	PF	2/28/02	
.XXXX ±	VERIFIED			
ANGLES ± 1/2°				
RAD.& FILLETS.005-.015				
DESCRIPTION: FLOW SCHEMATIC FOR DUAL ZONE OIL UNIT WITH SUPPLY PUMP, PROCESS PURGE, AND LOW LEVEL SWITCH				
C	MODEL NO.	120-1287		DWG. NO. 120-1287
SCALE NONE		SHEET 1 OF 1		

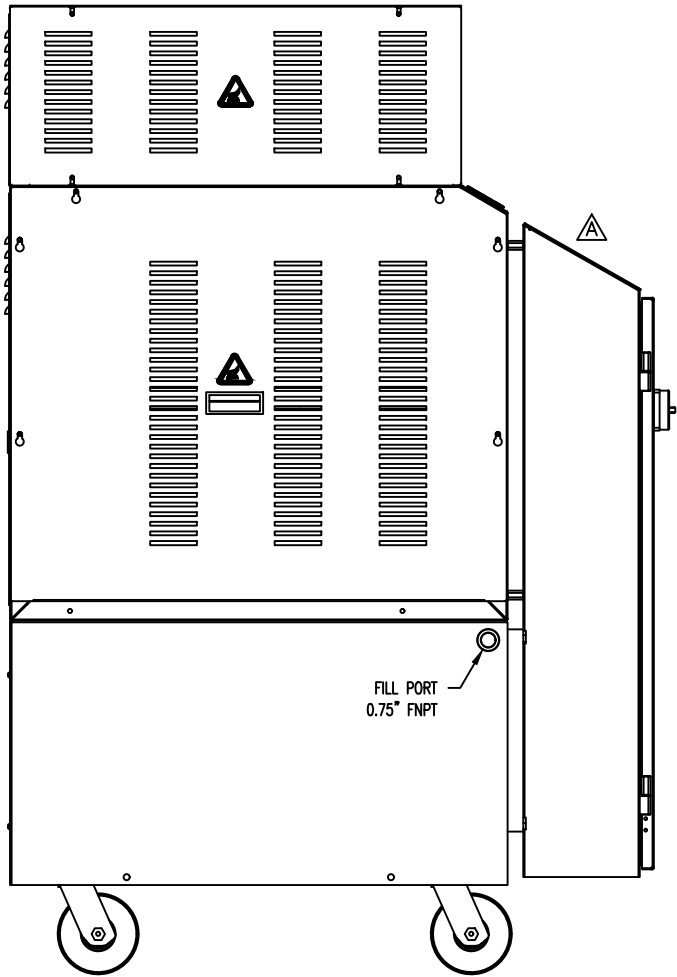
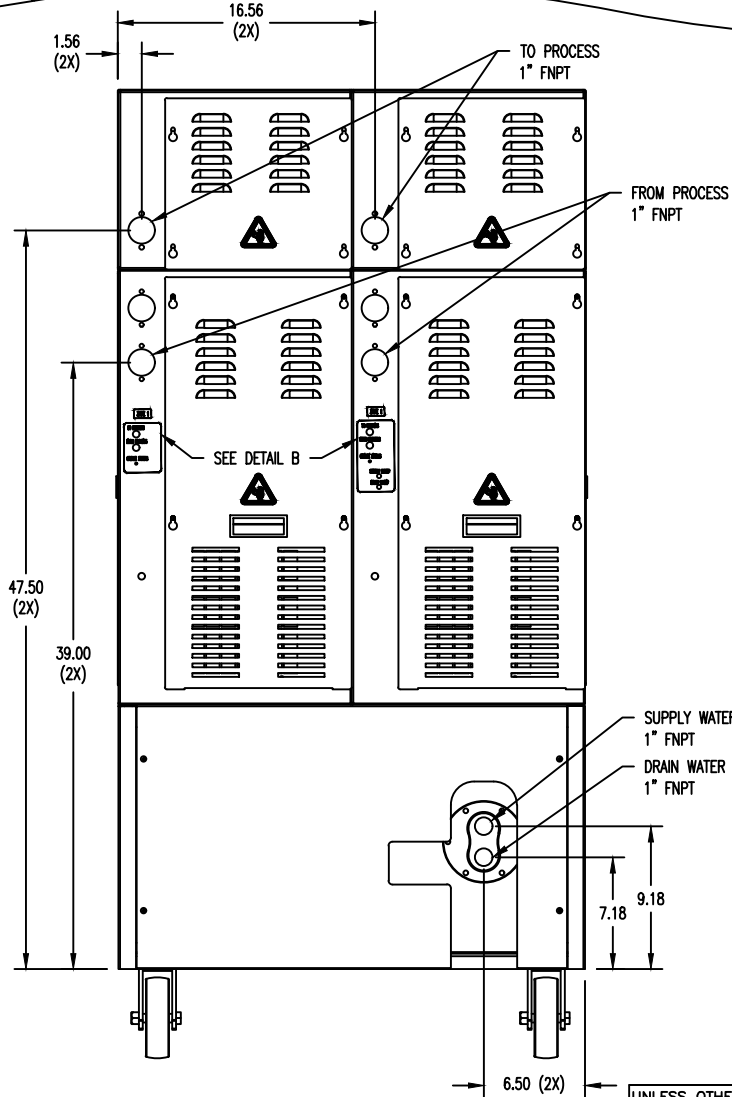
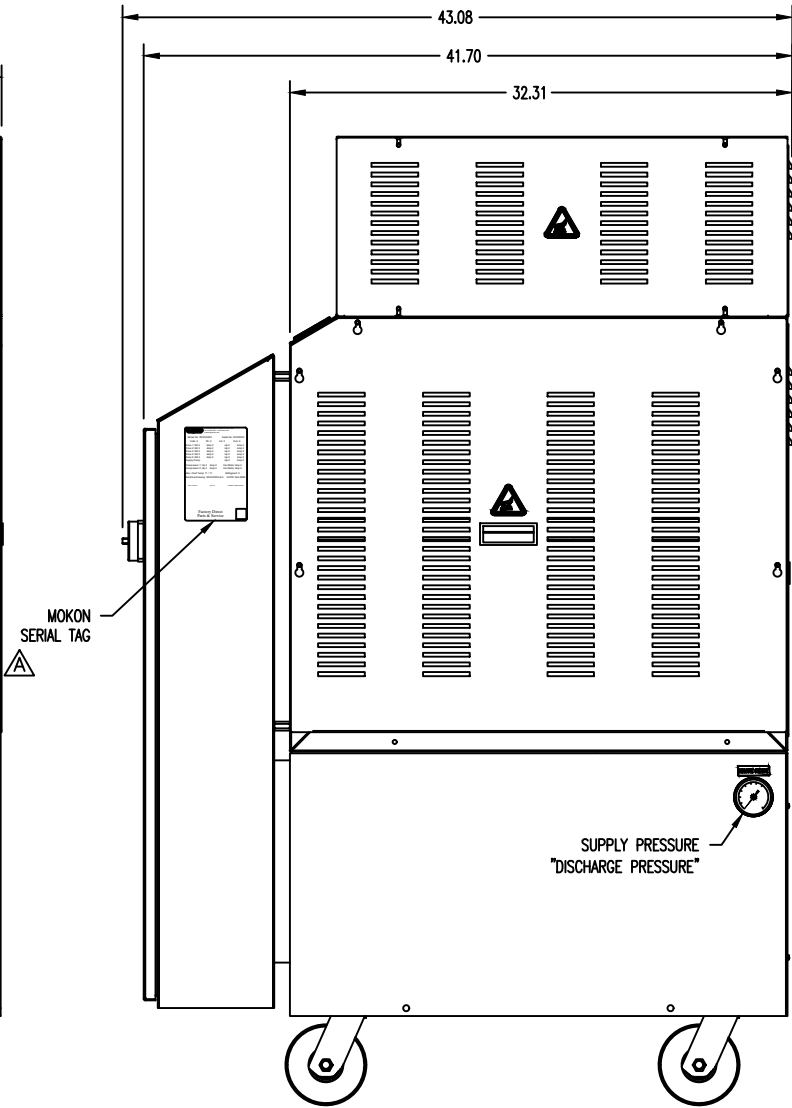
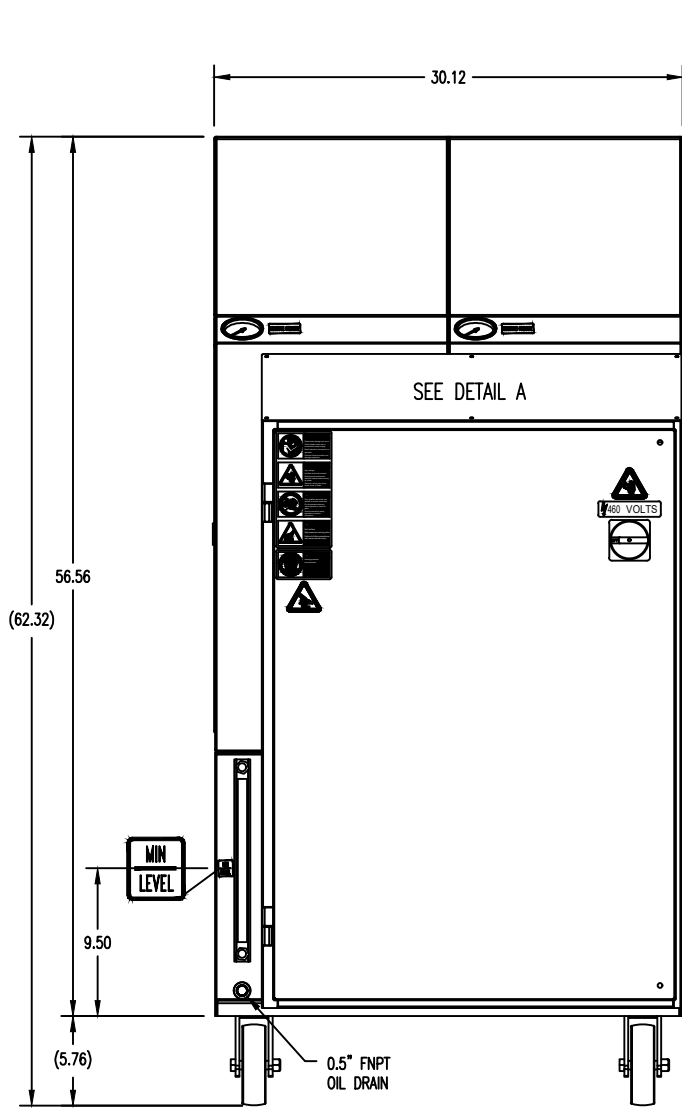
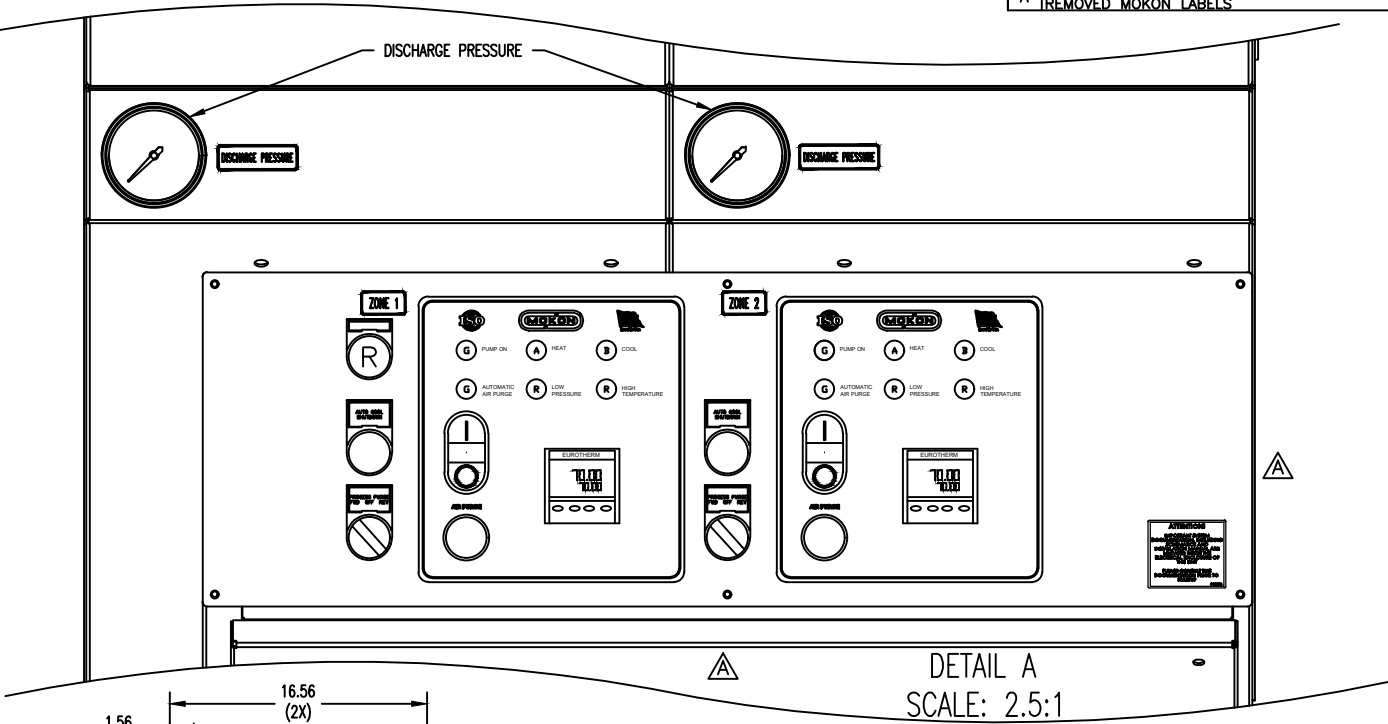
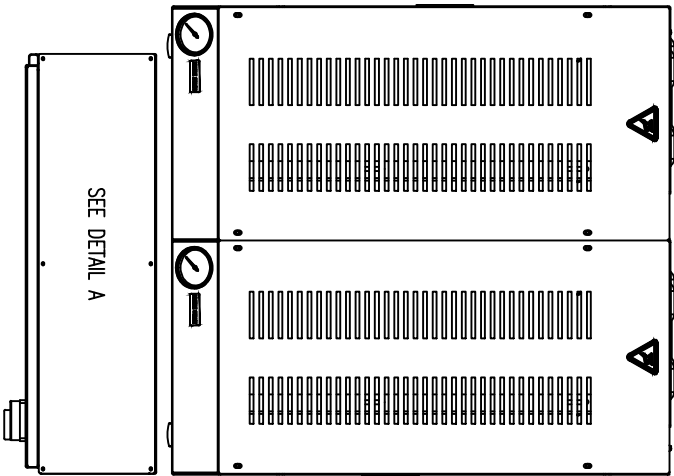
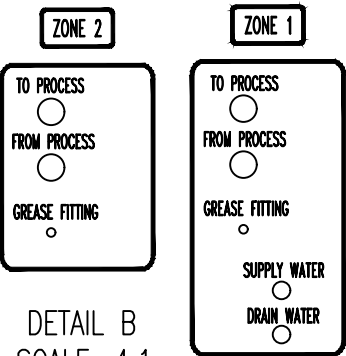
MOKON

2150 Elmwood Avenue, Buffalo, New York 14207

120-1287

CAD GENERATED DRAWING

REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROVED
A	UPDATED BUTTON & LIGHT LOCATIONS & REMOVED MOKON LABELS	BK	11/03/21	



NOTES:
1. ALL DIMENSIONS IN INCHES $\pm 0.25"$
2. FOR DIMENSIONAL REFERENCE ONLY. YOUR ACTUAL UNIT MAY LOOK SLIGHTLY DIFFERENT.

PROPRIETARY NOTICE

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UNLESS OTHERWISE SPECIFIED	DRAWN	E. TABOR	12/09/20
.XX $\pm .010$	CHECKED	BK	12/09/20
.XXX $\pm .005$	APP.	JMM	12/09/20
.XXXX $\pm$	VERIFIED		
ANGLES $\pm 1/2^\circ$			
RAD.& FILLETS.005--.015			

DESCRIPTION
FINISHED ASSEMBLY: SINGLE ZONE OIL UNIT 24KW

MOKON			
2150 Elmwood Avenue, Buffalo, New York 14207			
D	MODEL NO. H64224AAW	DWG. NO. H64224AAW	
SCALE: NONE		SHEET 1 OF 1	