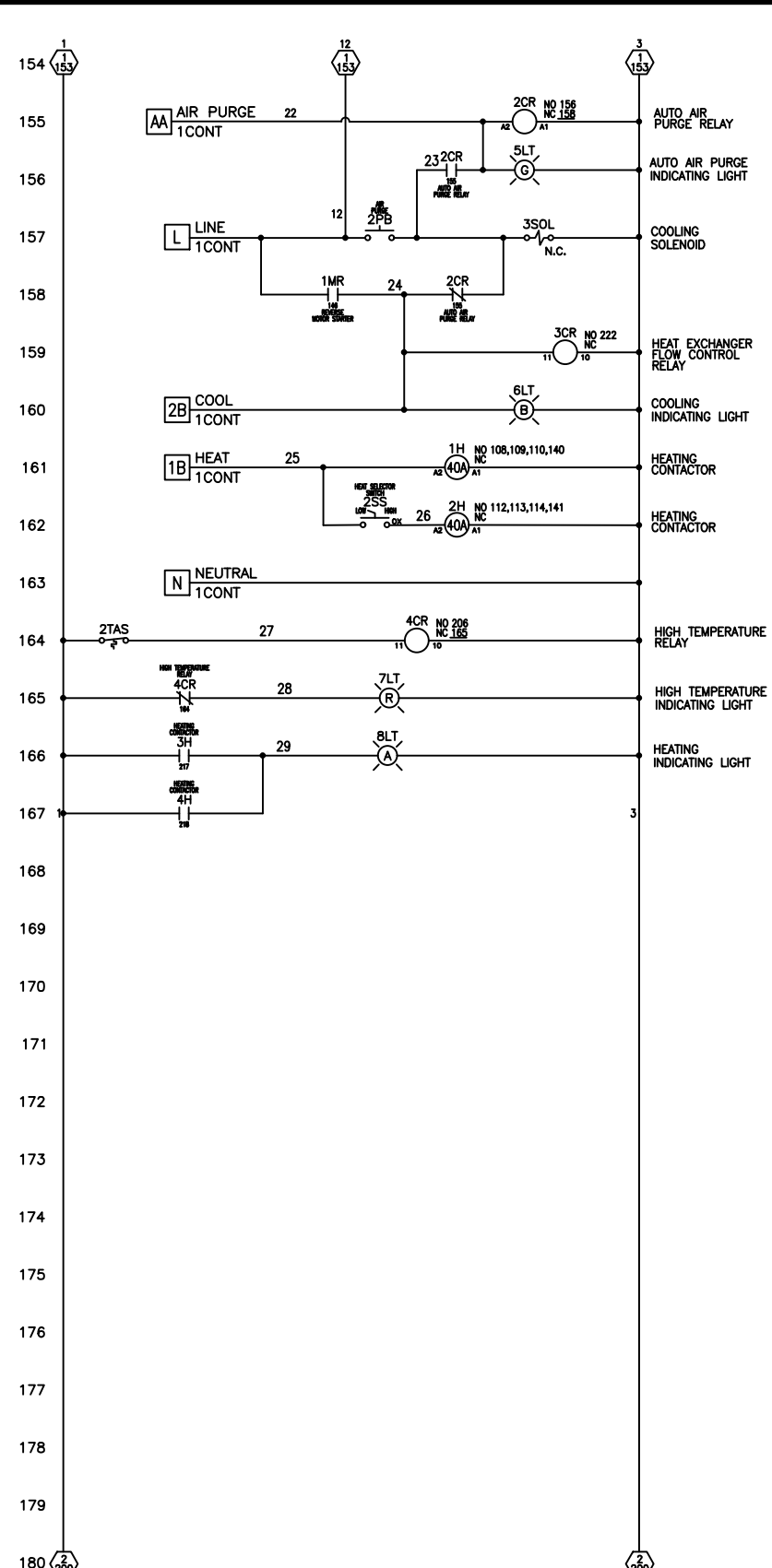
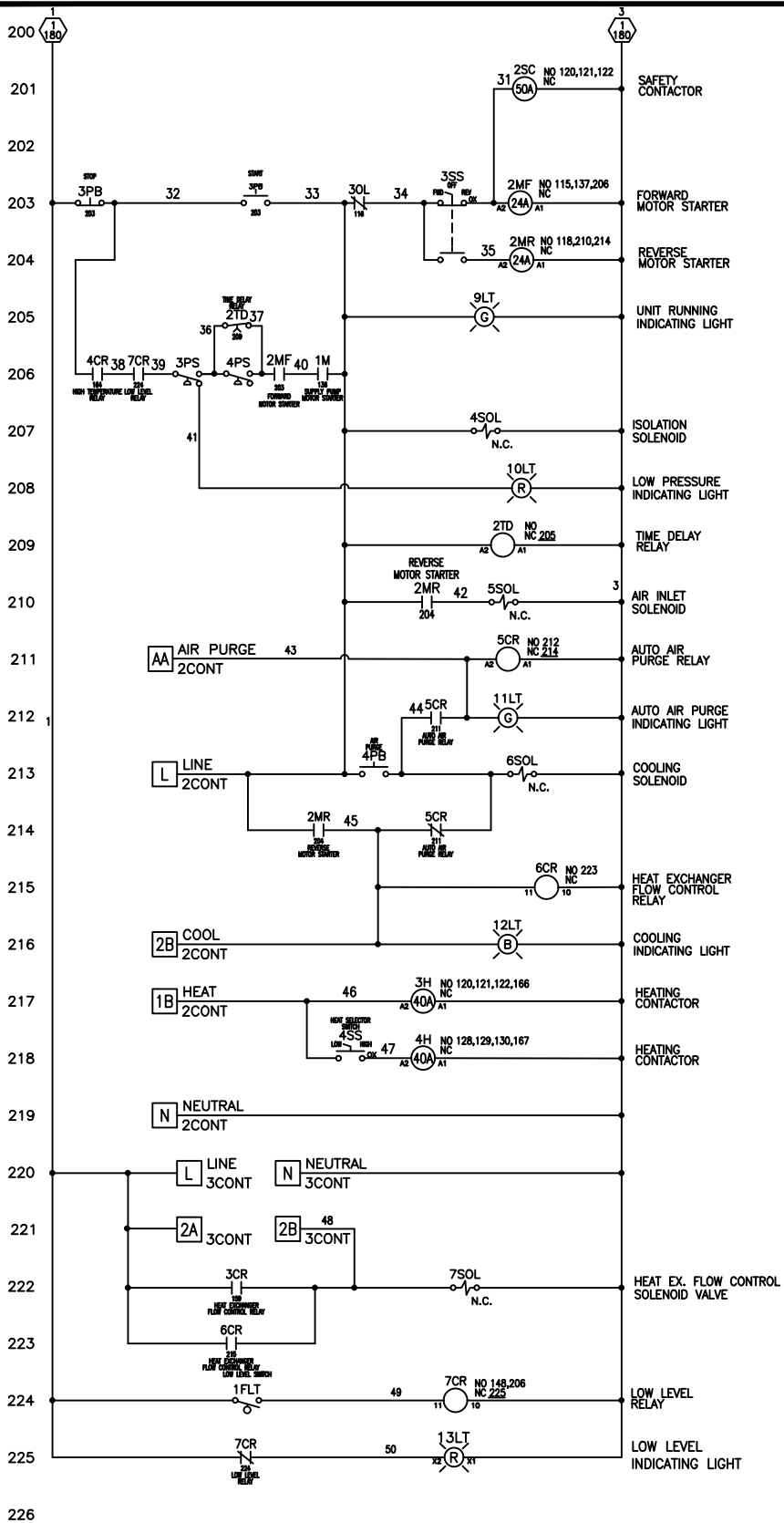
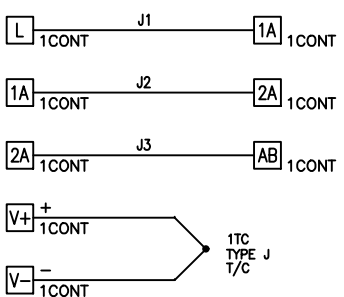


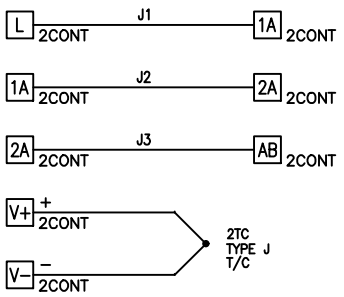


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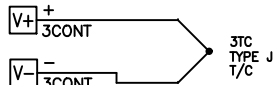
1CONT			
1A	CT	AA	
1B	C	AB	
2A	LA	AC	
2B	HD	VI	
L	HE	V+	
N	HF	V-	

3216 CONTROLLER



2CONT			
1A	CT	AA	
1B	C	AB	
2A	LA	AC	
2B	HD	VI	
L	HE	V+	
N	HF	V-	

3216 CONTROLLER



3CONT			
1A	CT	AA	
1B	C	AB	
2A	LA	AC	
2B	HD	VI	
L	HE	V+	
N	HF	V-	

HEAT EXCHANGER FLOW CONTROL CONTROLLER

- NOTES:
- 1.) ALL VOLTAGES ARE "AC" UNLESS OTHERWISE SPECIFIED.
 - 2.) USE FUSES SPECIFIED OR EQUIVALENT.
 - 3.) LAST WIRE NUMBER IS 50
 - 4.) REVERSING MOTOR STARTER EQUIPPED WITH MECHANICAL INTERLOCK
 - 5.) WIRES 9 & 30 NOT USED

1XF	1	024003	TRANSFORMER 250VA
1TAS	2	023070	TEMPERATURE SWITCH
1TD	2	006239	TIME DELAY RELAY
3TC	1	040011	TYPE J THERMOCOUPLE (GROUNDED)
1TC	2	040002	TYPE J THERMOCOUPLE (GROUNDED)
2SOL	2	025275	SOLENOID VALVE 1/8"
7SOL	1	025135	SOLENOID VALVE 3/4" (NC)
1SOL	4	025107	SOLENOID VALVE 1/2" (NC)
1SS	2	022179	3 POS. SELECTOR SWITCH
2SS	2	022178	2 POS. SELECTOR SWITCH
1SC	2	006266	SAFETY CONTACTOR
1PS	4	022142	PRESSURE SWITCH
1PB	2	022038	BUTTON START/STOP
2PB	2	022185	BUTTON FOR AIR PURGE
1OL	3	006366	OVERLOAD 1.0-5.0A
1M	3	006256	CONTACTOR 24A
1MR	2	006256	CONTACTOR 24A
1MOT	1	030029	MOTOR
2MOT	2	030003	MOTOR
1OLT	4	014162	RED INDICATING LIGHT
13LT	1	014055	RED PILOT LIGHT
11LT	4	014166	GREEN INDICATING LIGHT
12LT	2	014163	BLUE INDICATING LIGHT
2LT	2	014164	AMBER INDICATING LIGHT
1GND	1	026462	GROUND BAR
22FU	2	045052	FUSE 2A FNQ-R
13FU	6	045043	FUSE 15A LP-CC
1FU	3	045035	FUSE 6A LP-CC
10FU	6	026372	FUSE 20A KTK-R
16FU	6	026298	FUSE 30A KTK-R
24FU	1	026045	FUSE 2-1/2A FNM
1FLT	1	022162	LEVEL SWITCH
1H	4	006257	CONTACTOR 40A
1DS	1	022271	DISCONNECT 125A DOOR MOUNT
1PDB	1	026399	DISTRIBUTION BLOCK 175A
1CONT	3	040472	CONTROLLER
2CR	2	006289	RELAY SPDT 6A
1CR	5	006250	RELAY

ITEM	QTY	MOKON P/N	DESCRIPTION
REFERENCE MODEL	DRAWN	C.YERKOVICH	11/12/07
H64236LU	CHECKED	CY	11/12/07
460V/3PH/60HZ	APPROVED	RE	11/12/07
	VERIFIED		

MOKON

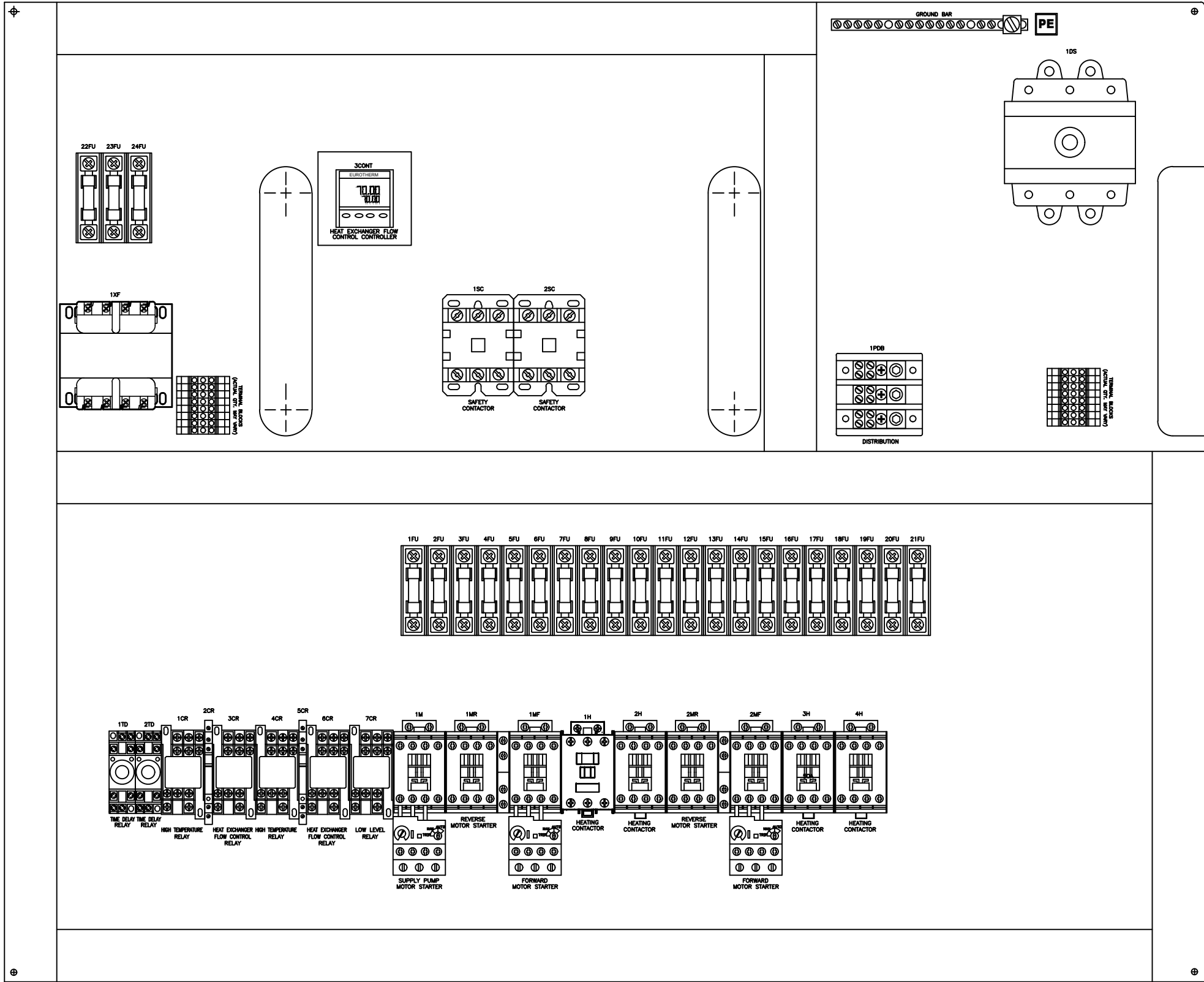
2150 Elmwood Avenue, Buffalo, New York 14207

MODEL NO. H642300P
DWG. NO. 140-0881
SCALE: NONE
SHEET 2 OF 3

PROPRIETARY NOTICE

THE INFORMATION IN THIS DOCUMENT IS PROPRIETARY TO MOKON AND SHALL NOT BE USED OR REPRODUCED FOR ANY REASON WITHOUT PRIOR WRITTEN CONSENT.

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 50
 - 4.) REVERSING MOTOR STARTER EQUIPPED WITH MECHANICAL INTERLOCK
 - 5.) WIRES 9 & 30 NOT USED

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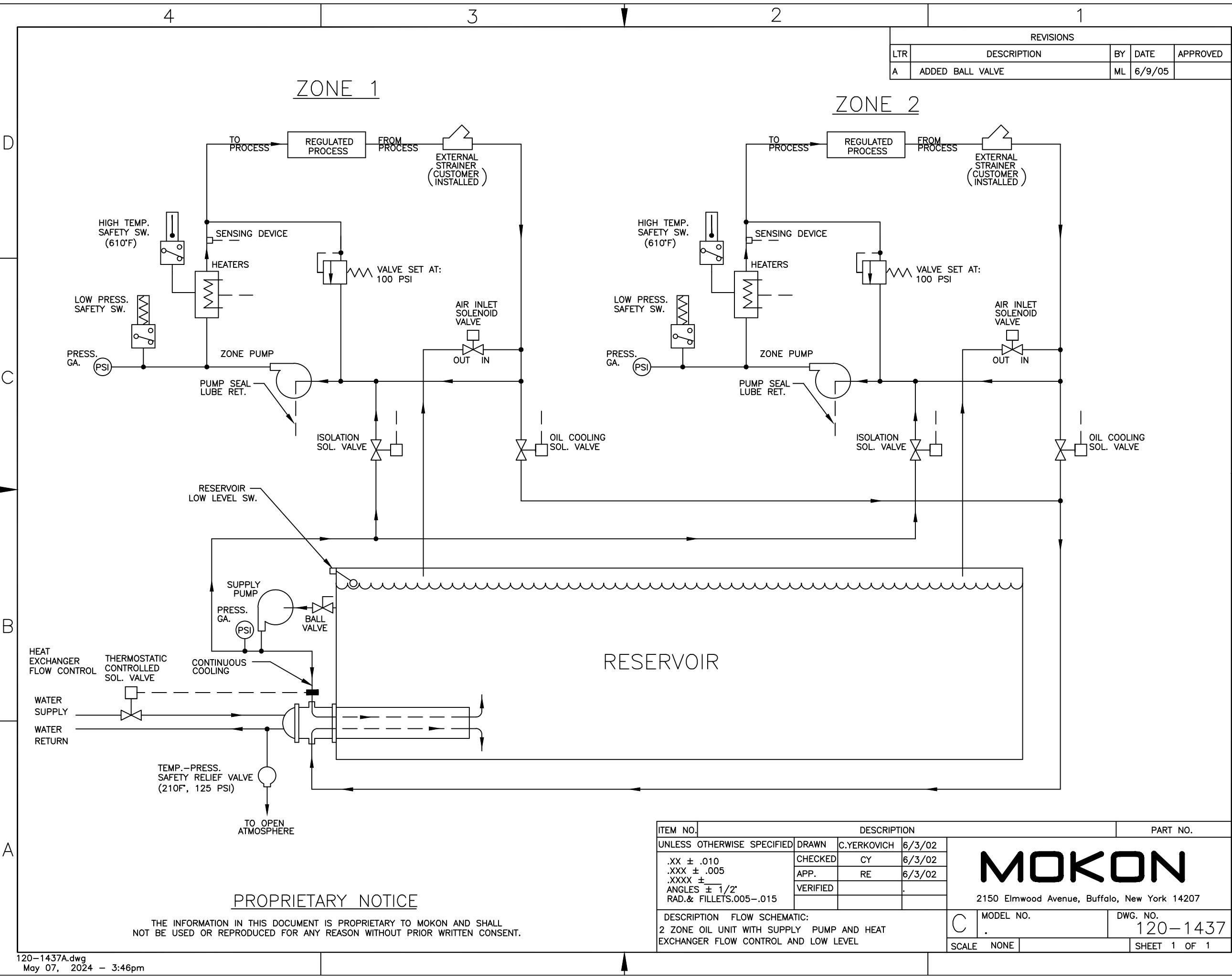
REFERENCE MODEL	DRAWN	C.YERKOVICH	11/12/07
H64236LU	CHECKED	CY	11/12/07
460V/3PH/60HZ	APPROVED	RE	11/12/07
	VERIFIED		

DESCRIPTION
ELECTRICAL SCHEMATIC/PANEL LAYOUT: 30KW DUAL ZONE
OIL UNIT

MOKON

2150 Elmwood Avenue, Buffalo, New York 14207

B	MODEL NO.	DWG. NO.
B-SIZE	H642300P	140-0881
SCALE: NONE		SHEET 3 OF 3



REVISIONS				
LTR	DESCRIPTION	BY	DATE	APPROVED
A	ADDED BALL VALVE	ML	6/9/05	

PROPRIETARY NOTICE

THE INFORMATION IN THIS DOCUMENT IS PROPRIETARY TO MOKON AND SHALL NOT BE USED OR REPRODUCED FOR ANY REASON WITHOUT PRIOR WRITTEN CONSENT.

ITEM NO.	DESCRIPTION			PART NO.
UNLESS OTHERWISE SPECIFIED	DRAWN	C.YERKOVICH	6/3/02	
.XX ± .010	CHECKED	CY	6/3/02	
.XXX ± .005	APP.	RE	6/3/02	
.XXXX ±	VERIFIED			
ANGLES ± 1/2°				
RAD.& FILLETS.005-.015				
DESCRIPTION FLOW SCHEMATIC: 2 ZONE OIL UNIT WITH SUPPLY PUMP AND HEAT EXCHANGER FLOW CONTROL AND LOW LEVEL				
C		MODEL NO.	DWG. NO.	
SCALE NONE			120-1437	
			SHEET 1 OF 1	