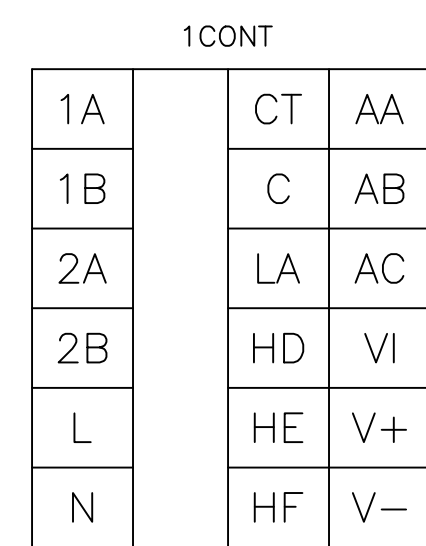
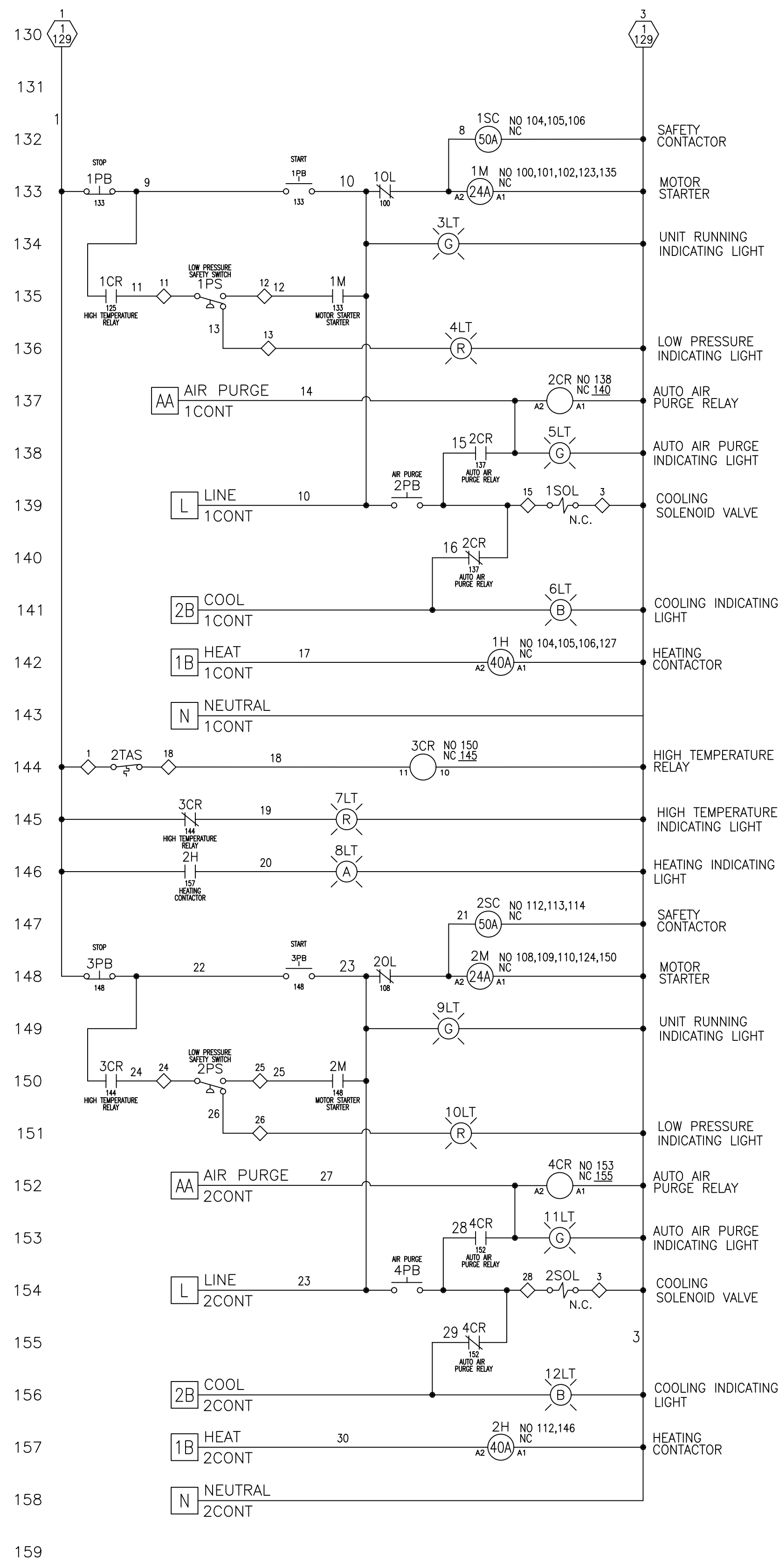
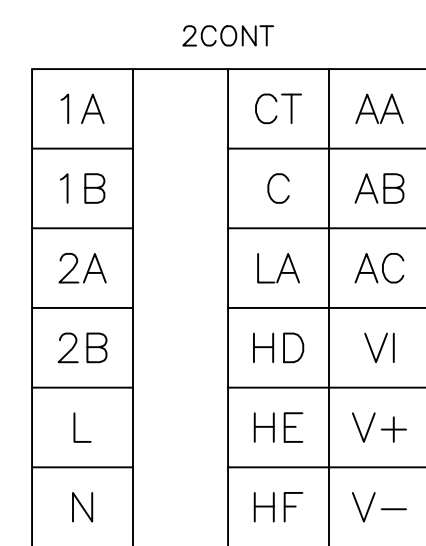
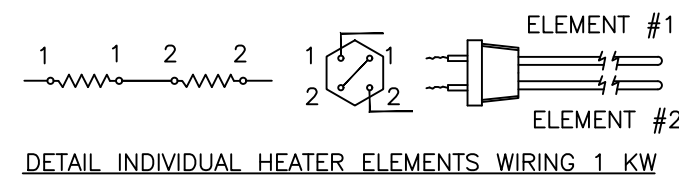




3216 CONTROLLER



3216 CONTROLLER



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 30
- 4.) $\diamond$ INDICATES TERMINAL BLOCK CONNECTION.

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

DESCRIPTION	DATE	BY	CHECKED
ELECTRICAL SCHEMATIC,PANEL LAYOUT: 12/18KW DUAL ZONE OIL UNIT			

MOKON

2150 Elmwood Avenue, Buffalo, New York 14202		
B	MODEL NO.	DWG. NO.
	320121	320121
B-SIZE		
SCALE: NONE		SHEET 1 OF

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 30
4.) ◇INDICATES TERMINAL BLOCK CONNECTION.

PROPRIETARY NOTICE
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1XF	1	024042	TRANSFORMER 350VA
1TAS 2TAS	2	023070	TEMPERATURE SWITCH
	14	026529	TERMINAL BLOCK
1TC 2TC	2	040002	TYPE J THERMOCOUPLE (GROUNDED)
1SOL 2SOL	2	025432	SOLENOID VALVE 1/2"
1SC 2SC	2	006266	SAFETY CONTACTOR
1PS 2PS	2	022142	PRESSURE SWITCH
1PB 3PB	2	022038	PUSH BUTTON – START/STOP
2PB 4PB	2	022185	PUSH BUTTON – BLACK
1OL 2OL	2	006366	OVERLOAD 1.0–5.0A
1M 2M	2	006256	CONTACTOR 24A
3MOT	1	032088	RECIRCULATING PUMP
2MOT	1	030003	PUMP WITH MOTOR
1MOT	1	030001	PUMP WITH MOTOR
10LT 1LT 4LT 7LT	4	014162	RED INDICATING LIGHT
11LT 3LT 5LT 9LT	4	014166	GREEN INDICATING LIGHT
12LT 6LT	2	014163	BLUE INDICATING LIGHT
2LT 8LT	2	014164	AMBER INDICATING LIGHT
1GND	1	026462	GROUND BAR
13FU 14FU	2	045052	FUSE 2A FNQ–R
7FU 8FU 9FU	3	045043	FUSE 15A LP–CC
1FU 2FU 3FU	3	045041	FUSE 10A LP–CC
15FU	1	026523	FUSE 3–1/2A FNM
4FU 5FU 6FU	3	026372	FUSE 20A KTK–R
10FU 11FU 12FU	3	026298	FUSE 30A KTK–R
1H 2H	2	006257	CONTACTOR 40A
1DS	1	022269	DISCONNECT 63A DOOR MOUNT
1PDB	1	026475	DISTRIBUTION BLOCK 115A
1CONT 2CONT	2	040472	CONTROLLER
2CR 4CR	2	006289	RELAY SPDT 6A
1CR 3CR	2	006250	RELAY
ITEM	QTY	MOKON P/N	DESCRIPTION

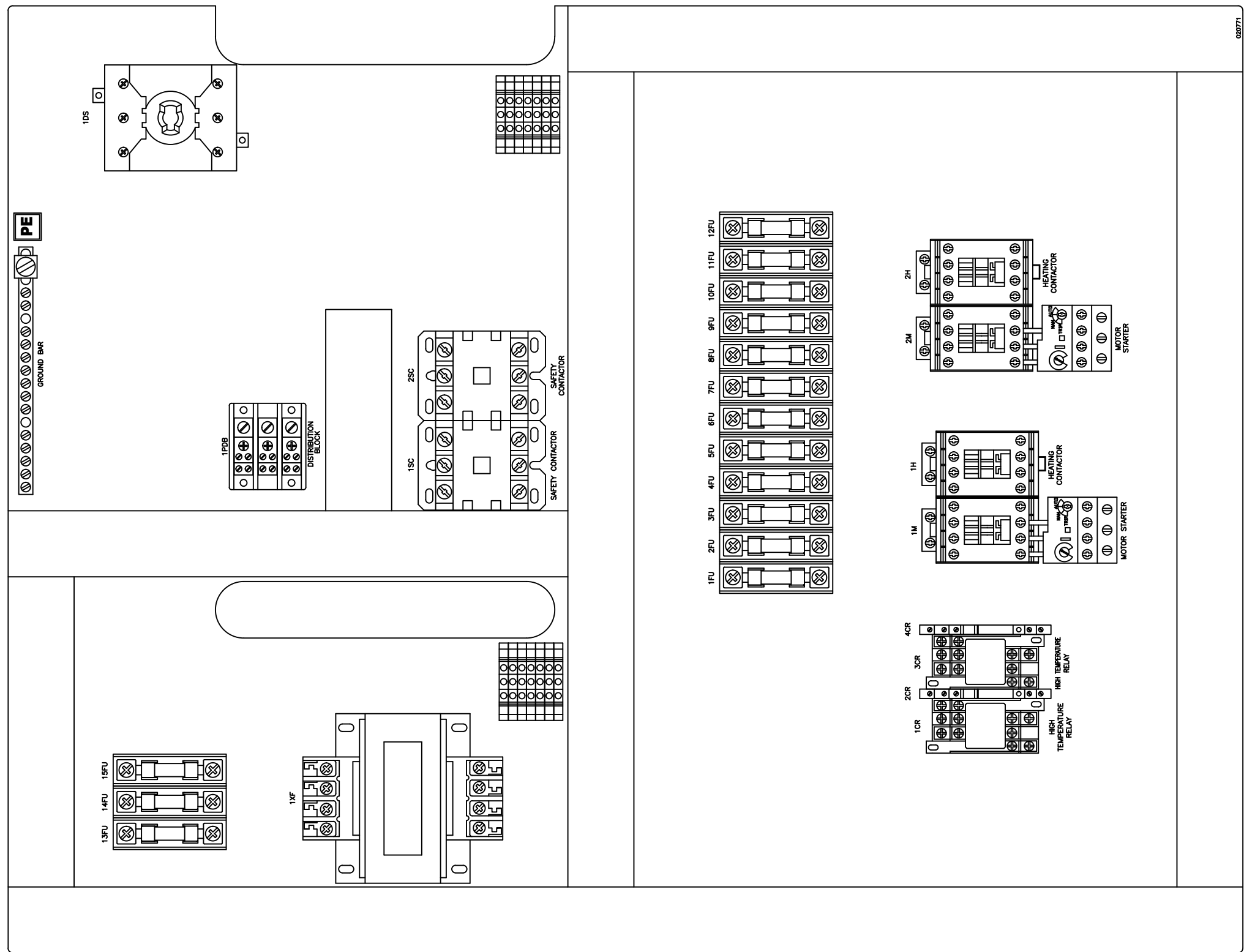
REFERENCE MODEL	DRAWN	C.YERKOVICH	7/31/08
H54218Z6	CHECKED	CY	7/31/08
460V/3PH/60HZ	APPROVED	RE	7/31/08
	VERIFIED		

DESCRIPTION
ELECTRICAL SCHEMATIC.PANEL LAYOUT: 12/18KW DUAL ZONE
OIL UNIT

MOKON

2150 Elmwood Avenue, Buffalo, New York 14207

B B-SIZE	MODEL NO.	DWG. NO.
	320121	320121
SCALE: NONE		SHEET 2 OF 3

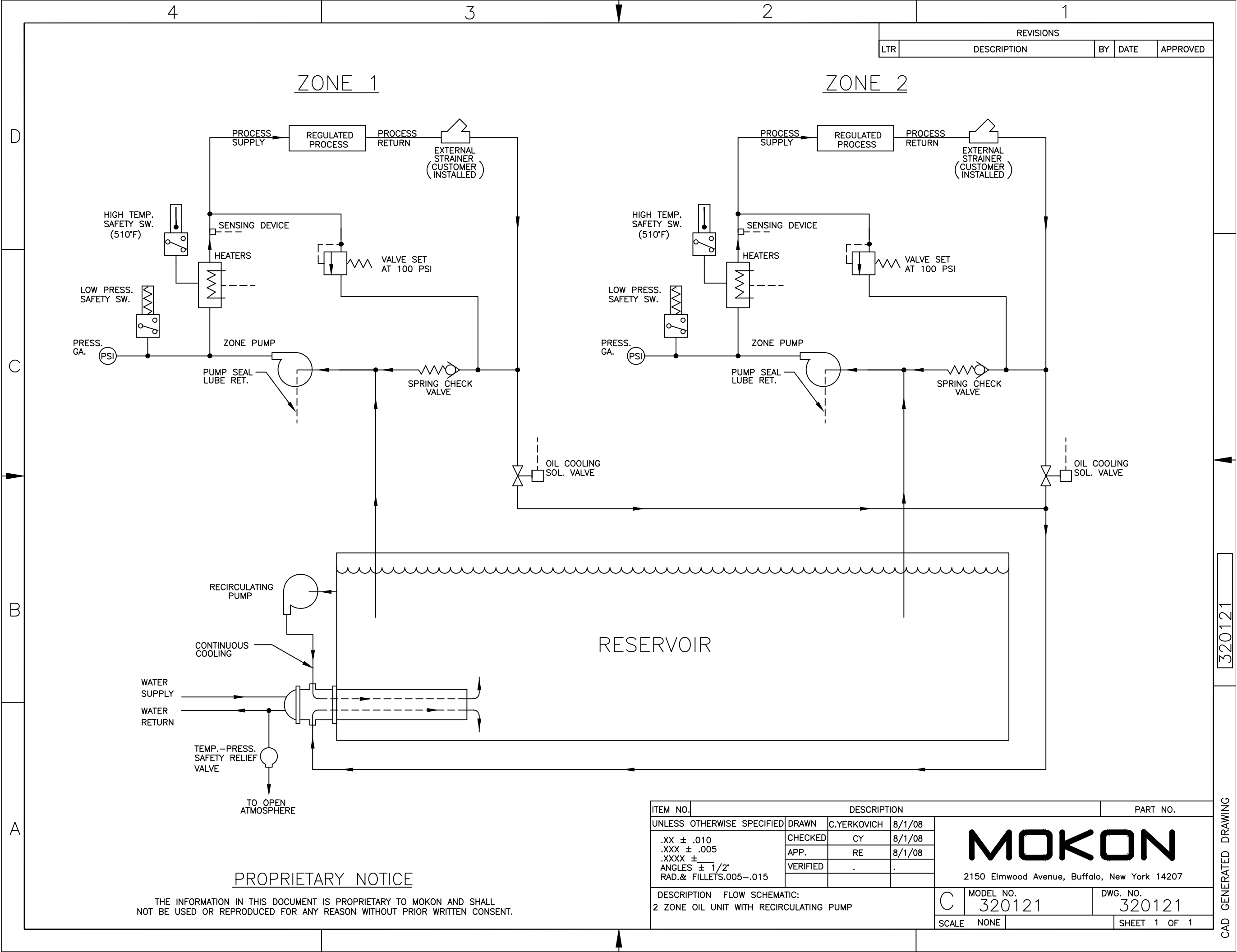


LTR	DESCRIPTION	BY	DATE	ECN NO.
REVISIONS				

PROPRIETARY NOTICE

REFERENCE MODEL	DRAWN	C.YERKOVICH	7/31/08
H54218Z6	CHECKED	CY	7/31/08
460V/3PH/60HZ	APPROVED	RE	7/31/08
	VERIFIED		

MOKON



PROPRIETARY NOTICE

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ITEM NO.	DESCRIPTION			PART NO.
UNLESS OTHERWISE SPECIFIED	DRAWN	C.YERKOVICH	8/1/08	MOKON 2150 Elmwood Avenue, Buffalo, New York 14207
.XX ± .010	CHECKED	CY	8/1/08	
.XXX ± .005	APP.	RE	8/1/08	
.XXXX ± .001	VERIFIED	.	.	
ANGLES ± 1/2°				
RAD.& FILLETS.005-.015				
DESCRIPTION FLOW SCHEMATIC:			C	MODEL NO.
2 ZONE OIL UNIT WITH RECIRCULATING PUMP				320121
SCALE NONE				DWG. NO.
				320121
				SHEET 1 OF 1

CAD GENERATED DRAWING