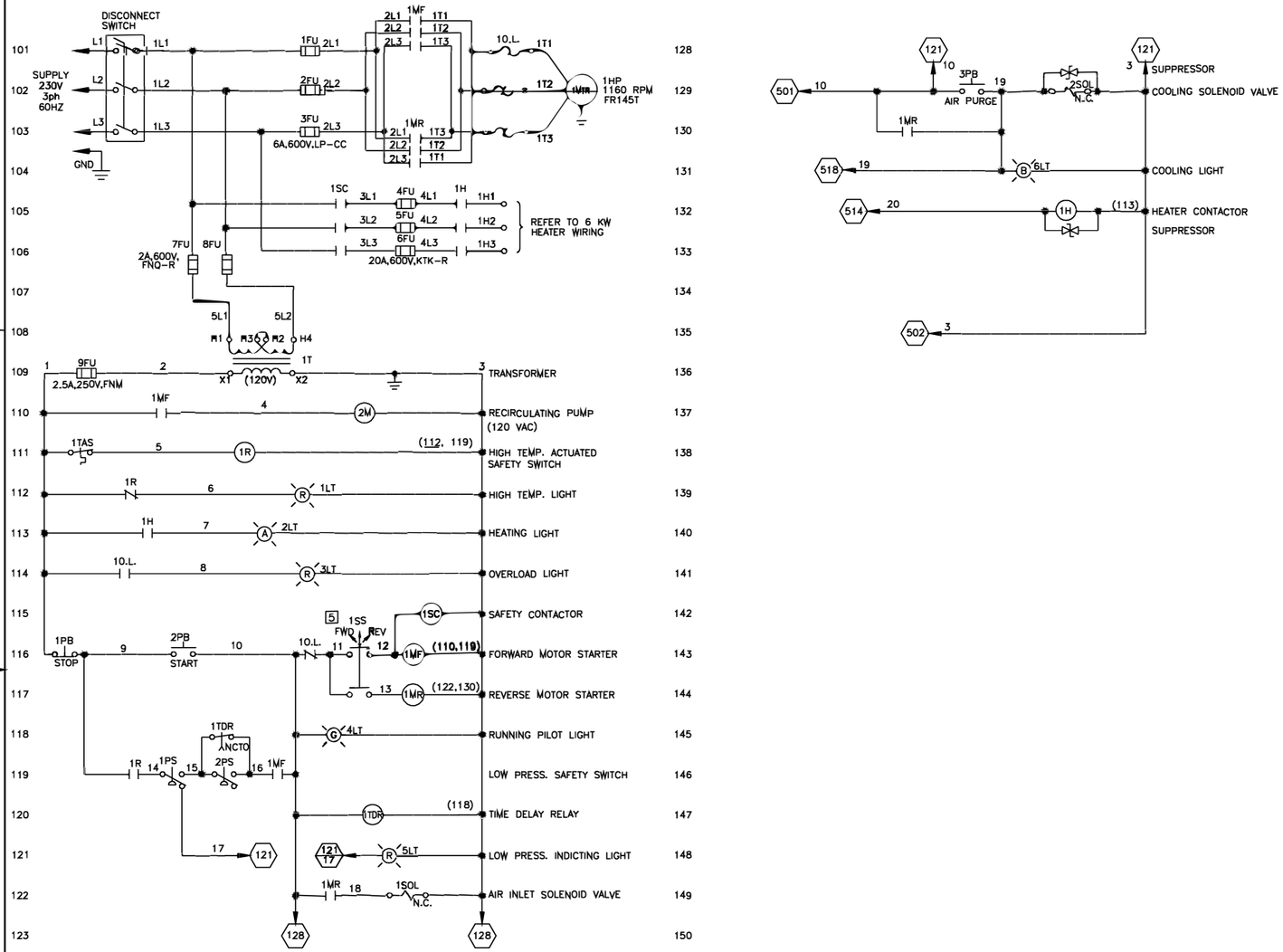
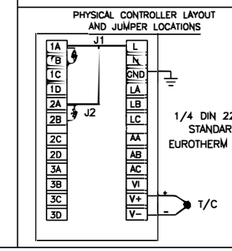


CONTROLLER CONNECTIONS					
	CONTROLLER PIN	ZONE 1 RUNG NUMBER	ZONE 1 WIRE NUMBER	ZONE 2 RUNG NUMBER	ZONE 2 WIRE NUMBER
501	L	129	10	.	.
502	N	135	3	.	.
503	GND	.	.	.	.
504	LA	.	.	.	.
505	LB	.	.	.	.
506	LC	.	.	.	.
507	AA	.	.	.	.
508	AB	.	.	.	.
509	AC	.	.	.	.
510	VI	.	.	.	.
511	V+	T/C	+	.	.
512	V-	T/C	-	.	.
513	1A	J1	10	.	.
514	1B	132	20	.	.
515	1C	.	.	.	.
516	1D	.	.	.	.
517	2A	J2	10	.	.
518	2B	131	19	.	.
519	2C	.	.	.	.
520	2D	.	.	.	.
521	3A	.	.	.	.
522	3B	.	.	.	.
523	3C	.	.	.	.
524	3D	.	.	.	.
525	HA	.	.	.	.
526	HB	.	.	.	.
527	HC	.	.	.	.
528	HD	.	.	.	.
529	HE	.	.	.	.
530	HF	.	.	.	.

PHYSICAL CONTROLLER LAYOUT AND JUMPER LOCATIONS

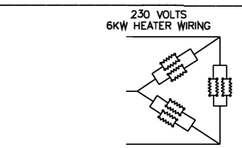


1TDR	1	TIME DELAY RELAY
1SS	1	SELECTOR SWITCH
2M	1	PUMP RECIRCULATING
1TAS	1	TEMPERATURE SWITCH
1R	1	HIGH TEMPERATURE RELAY
1MF,1MR	1	MOTOR STARTER FORWARD, MOTOR STARTER REVERSE
2LT	1	LIGHT, AMBER
6LT	1	LIGHT, BLUE
2SOL	1	COOLING SOLENOID
SUPPRESSOR	2	SNUBBER
CONTROLLER	1	CONTROLLER
T/C	1	THERMOCOUPLE TYPE J
1T	1	TRANSFORMER
DISCONNECT SWITCH	1	DISCONNECT SWITCH
1LT,3LT,5LT	3	LIGHT, RED
4LT	1	LIGHT, GREEN
1SOL	1	AIR INLET SOLENOID
3PB	1	AIR PURGE BUTTON
1PS,2PS	2	PRESSURE SWITCH
1PB/2PB	1	START/STOP BUTTON
10.L.	1	MOTOR OVERLOAD
1MTR	1	MOTOR
1SC	1	SAFETY CONTACTOR
1H	1	HEATER CONTACTOR
DESIGNATION	QTY.	DESCRIPTION

LTR	DESCRIPTION	BY	DATE	ECN NO.
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.

REVISIONS

230 VOLTS 6KW HEATER WIRING



DETAIL INDIVIDUAL HEATER ELEMENTS WIRING 1 KW

NOTES:
1.) ALL VOLTAGES ARE "AC" UNLESS OTHERWISE SPECIFIED.
2.) REFER TO CONTROLLER CONNECTIONS CHART FOR WIRING DETAILS.
3.) LAST WIRE NUMBER 20.
4.) THREE POSITION SELECTOR SWITCH SHOWN IN THE "OFF" POSITION.
5.) REVERSING MOTOR STARTER EQUIPPED WITH MECHANICAL INTERLOCK.

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.

UNLESS OTHERWISE SPECIFIED			
.XX ± .010 .XXX ± .005 .XXXX ± ANGLES ± 1/2° RAD.& FILLETS.005-.015	DRAWN	C.YERKOVICH	2/26/03
	CHECKED	CY	2/26/03
	APP.	RE	2/26/03
	VERIFIED	.	3/18/03

DESCRIPTION ELECTRICAL SCHEMATIC: SINGLE ZONE OIL UNIT 230V/3ph/60HZ 6KW, WITH EUROTHERM CONTROLLER, DRUM REVERSE AND LOW PRESSURE ON RETURN LINE
.

MOKON
2150 Elmwood Avenue, Buffalo, New York 14207

D	MODEL NO. H42106BU	DWG. NO. 130-2329
	SCALE: NONE	SHEET 1 OF 1

130-2329

CAD GENERATED DRAWING

130-2329.dwg
Oct 07, 2021 - 2:17pm