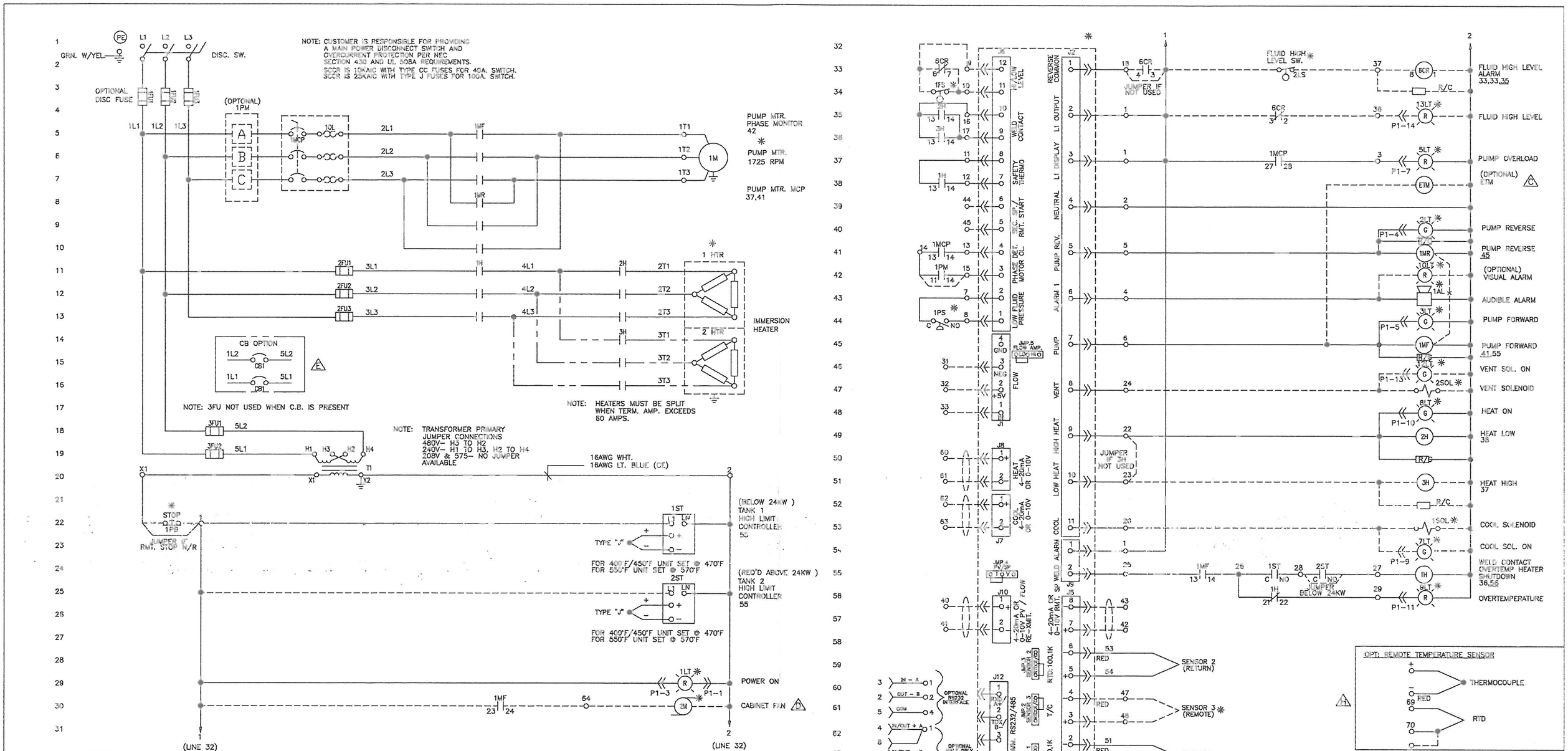

MOTOR AMPS @ VOLTAGE 1725RPM						
HP	208	240	380	415	480	575
3/4	3.2	3.0	1.8	1.7	1.5	1.2
1	3.6	3.4	1.9	1.8	1.7	1.4
1.5	5.0	4.8	2.9	2.6	2.4	1.9
2	6.5	6.0	3.6	3.3	3.0	2.4
3	8.3	8.2	4.4	4.6	4.3	3.3
5	14.7	13.4	8.1	7.4	6.7	5.6
7.5	23.2	22.0	13.3	12.2	11.0	8.8
10.0	29.5	28.0	16.9	15.5	14.0	11.2

MOTOR FUSE SIZE CLASS "CC"						
HP	208	240	380	415	480	575
3/4	6.0	6.0	4.0	4.0	3.0	2.5
1	8.0	7.5	4.0	4.0	3.0	3.0
1.5	9.0	9.0	6.0	5.0	5.0	4.0
2	12.0	12.0	7.5	6.0	6.0	5.0
3	20.0	20.0	9.0	9.0	8.0	6.0
5	30.0	25.0	15.0	15.0	15.0	10.0
7.5	45.0	40.0	25.0	25.0	20.0	20.0
10.0	60.0	50.0	30.0	30.0	25.0	20.0

COMPONENT WATT RATING					
NEMA CONTACTORS	D.P. CONTACTORS	IEC CONTACTORS	RELAYS	SOLENOIDS	LAMPS
00,0,1 24W	40A 4.4W	C09,12,18 8VA / C25,30 1.5VA / C43 1.5VA	4PDT .9W	1/4" 10.1W	FULL VOLT 3W
2 60W	60A 8W	C60,72,85 18VA / D110 64VA / D150 75VA	2DPT 1.2W	1/2" 10.1W	TRANSFORMER 1.5W
3 82.5W	90A 16W	D250,D300 113VA / D400 180VA / D500 210VA	MACH. TOOL 7W	3/4",1" 6.1W	IDI INCAND .5W

HEATER AMPS @ VOLTAGE						
KW	208	240	380	415	480	600
6	17	15	9	8	7	6
12	33	29	18	17	14	12
18	50	43	27	25	22	17
24	67	58	37	33	29	23
30	83	72	45	42	36	30
36	100	87	55	50	43	35
42	116	101	64	59	51	42
48		115	73	67	58	46

HEATER FUSE SIZE @ VOLTAGE						
KW	208	240	380	415	480	600
6	25	20	12	10	10	10
12	45	40	25	25	20	15
18	70	60	35	35	30	25
24	90	80	50	45	40	30
30	125	90	60	60	45	40
36	125	110	70	70	60	45
42	150	150	80	80	70	60
48	**	150	100	90	80	60

MAIN PROTECTION							
KW	208	230	380	415	460	575
6	25	25	15	15	15	10
12	50	50	30	30	25	20
18	80	70	45	40	35	30
24	100	90	60	50	45	35
30	125	100	70	60	50	45
36	150	125	80	70	70	50
42	175	150	90	80	70	60
48		175	110	100	90	70

CLASS "CC" FUSE							
TRANS PRIMARY FUSE SIZE							SECONDARY FUSE
VA	208	240	380	415	480	575	IF REQ'D
100	1.0	.8	.5	.5	.5	.5	1.6 AMP
150	1.0	1.0	.5	.5	.5	.4	1.8 AMP
250	1.5	1.5	1.0	.8	.8	.8	2.8 AMP
350	2.5	2.0	1.5	1.5	1.0	.8	4.0 AMP
500	3.0	3.0	2.0	2.0	1.5	1.5	5.6 AMP
750	5.0	5.0	2.5	2.5	2.5	2.0	8.0 AMP

1PM #			
CARLO GAVAZZI 701-00135-00	A	B	C
CARLO GAVAZZI 701-00136-00	L1	L2	L3
701-00066-00	L1	L2	L3
200-480V U.L. PHASE RELAY	4	3	5
575V U.L. PHASE RELAY	3	4	5
	U	V	W

NOTES:
1) INDICATES A DEVICE NOT MOUNTED ON THE ELECTRIC PANEL.
2) LAST WIRE NO. USED: 72
3) OPTIONAL EQUIPMENT IS INDICATED BY DASHED LINES.
4) HI-LIMIT CTR. IS USED WITH LOCAL ,& REMOTE CONTROL OPTION.
5) CONNECT RTD 1 DIRECTLY TO CONTROLLER WHEN 2SS NOT USED.

REVISION	DATE	DESCRIPTION
A	6/27/07	RMT. DISC. OPT
A	8/11/05	OPT.ADDED
A	1/25/05	OPT.ADDED
A	1/25/05	OPT.ADDED
A	1/25/05	GM
A	7/14/04	RMV. EOT CONT
A	7/14/04	ALH
A	6/7/04	OPTIONALADED
A	6/7/04	ALH
A	6/7/04	AUDED FAN
A	6/7/04	GM
A	6/14/04	ADD ETM
A	6/14/04	CW
A	5/23/03	CW6/MTR CW
A	5/23/03	ENGR. REL.
A	5/23/03	CW

UNLESS OTHERWISE SPECIFIED TOLERANCE.

DIM. SHOWN AS	TOL.
X/X	±1/64
X.	±.040
X.X	±.020
X.XX	±.010
X.XXX	±.005

FINISH TO BE 125√

ANGLES ±1/2 DEG

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DATE 5/23/03 | DRAWN CW | SCALE N/A

TITLE
DIAG,ELEM,USO,MSO
ADVANCED,CTLR,STD

SHEET 1 OF 1

DWG. NO.
D682-91230-00