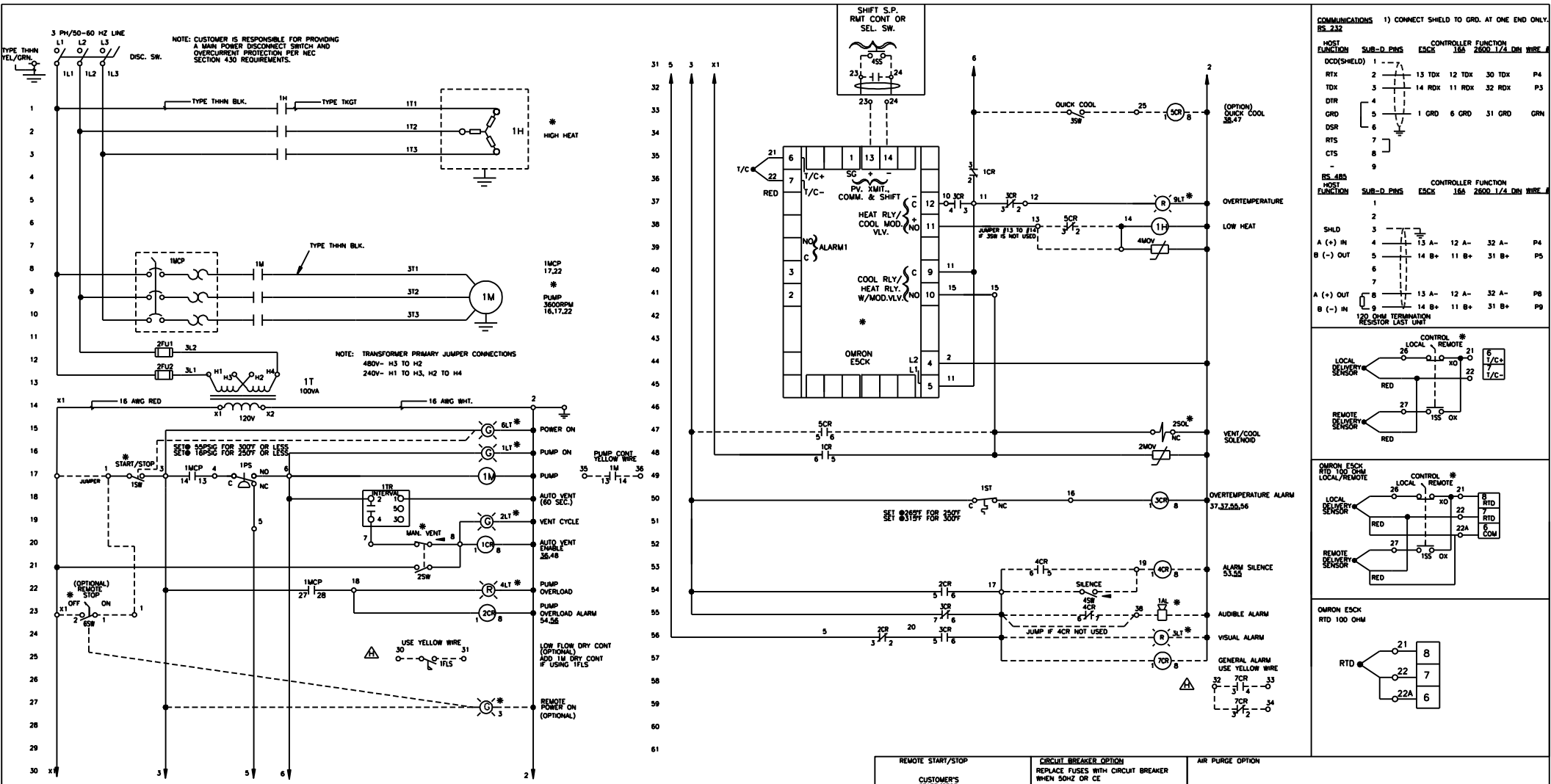


NOTE

AN OUTPUT IS PROVIDED FOR CUSTOMER SUPPLIED ALARM ANNUNCIATOR. ALARM SHOULD BE CHOSEN TO MEET YOUR UNIQUE ENVIRONMENTAL REQUIREMENTS. OPTIONAL FACTORY INSTALLED ALARMS ARE AVAILABLE.

COMPONENT WATT RATING					
NEMA CONTACTORS	D.P. CONTACTORS	IEC CONTACTORS	RELAYS	SOLENOIDS	LAMPS
00,0,1 24W	40A 4.4W	CO9,12,18 CA2,9,D, 9mA 37 VA C42 10W	4PDT .9W	1/4-10 1.1W	FULL VOLT 2W
2 60W	60A 6W	C60,72,85 18VA B110 B160 9mA 15mA	2PDT 1.2W	1/2-10 1.1W	TRANSFORMER 1.5W
3 82.8W	90A 16W	B200,B300 11VA B400 B600 18mA 21mA	MACH. TOOL .7W	3/4"-1" 6.1W	IDI INCAND .5W

1PM #

A	B	C
4	3	5
3	4	5
U	V	W

701-00066-00
200-480V U.L. PHASE RELAY
575V U.L. PHASE RELAY

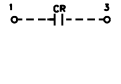
PUMP MOTOR AMPS @ VOLTAGE 3PHPM							
HP	208	240	380	415	480	575
1/3	1.7	1.6	.97	.88	.8	.6
1/2	2.5	2.4	1.5	1.35	1.2	1
3/4	3.4	3.2	1.94	1.77	1.6	1.28
1	3.4	3.2	1.94	1.77	1.6	1.28
1.5	5.1	4.8	2.78	2.55	2.3	1.84
2	5.9	5.6	3.39	3.14	2.8	2.24
3	8.4	8.0	4.84	4.43	4.0	3.2
5	12.0	11.4	6.9	6.33	5.7	4.56
7.5	22	19	11.9	10.5	9.5	7.6
10	28	25	15.1	13.0	12.5	10

MAIN PROTECTION						
KW	208	230	380	415	460	575
6	25	25	15	15	15	10
12	60	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	
100	1.0	1.0	.5	.5	.5	.5	1.6 AMP
150	1.0	1.0	.5	.5	.5	.5	1.6 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

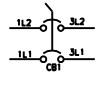
NOTES:
1.) ● INDICATES A DEVICE NOT MOUNTED ON THE ELECTRIC PANEL.
2.) LAST WIRE NO. USED: 53
3.) OPTIONAL EQUIPMENT IS INDICATED BY DASHED LINES.

REMOTE START/STOP

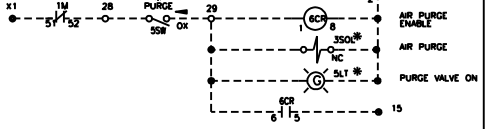


CIRCUIT BREAKER OPTION

REPLACE FUSES WITH CIRCUIT BREAKER WHEN 50HZ OR CE



AIR PURGE OPTION



ALARM COLOR	7/11/06 MHB
REMOTE START/STOP	6/21/06 ALH
ADD 2MOV	3/10/05 ALH
ECN 704-36052	2/18/04 ALH
ADD CHGS	1/21/04 DM
ADD CB	12/19/03 ALH
ADD 1M, 1MCP	8/18/03 ALH
WIRE CHGS	7/31/03
REVISION	

UNLESS OTHERWISE SPECIFIED TOLERANCE.	
DIM. SHOWN AS	TOL.
x/x	:1/64
x.	:.040
x.x	:.020
x.xx	:.010
x.xxx	:.005
FINISH 90 RMS	
ANGLES 1/2 DEG	

THIS PRINT IS THE PROPERTY OF ACS INC., THE INFORMATION THEREON IS SUBMITTED IN CONFIDENCE.

DATE	DRAWN	SCALE
5/14/03	ALH	NONE

TITLE
DIAG,ELEM,WAT
ECONO
STANDARD

ACS, INC.
MILWAUKEE, WIS.

DWG. NO.
D682-91208

SHEET 1 OF 1