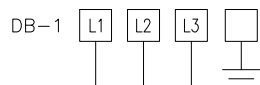


Notes:

1. MAIN DISCONNECT PROVIDED BY OTHER.
2. FIELD WIRING TO BE COPPER RATED FOR 75°C MINIMUM.
3. - - - - INDICATES FIELD WIRING OUTSIDE OF CABINET.
4. AUXILIARY CONTACTS LIST AND OPERATION NOTES ON SHEET 3.
5. THE AMPACITY OF CONDUCTORS SUPPLYING THE CONTROL PANEL TO BE ROUNDED UP TO THE NEXT SIZE LARGER STANDARD WIRE GAUGE.
6. MOP VALUES TO BE ROUNDED DOWN TO THE NEAREST STANDARD RATING OF THE OVERCURRENT PROTECTION DEVICE.
7. SHORT CIRCUIT CURRENT RATING (SCCR): 5 kA

208 - 460 V
3 φ
60 Hz

SCCR: 5 kA



MINIMUM CIRCUIT AMPACITY (MCA)

SYSTEM HP	208 V	230 V	460 V
7.5 HP	81.3 AMPS	73.9 AMPS	37.3 AMPS
10 HP	95.5 AMPS	88.6 AMPS	43.7 AMPS

MAXIMUM OVERCURRENT PROTECTION (MOP)

SYSTEM HP	208 V	230 V	460 V
7.5 HP	102.9 AMPS	93.5 AMPS	46.8 AMPS
10 HP	130.9 AMPS	119.0 AMPS	59.5 AMPS

TRIPLEX SYSTEM FULL LOAD AMPERES

SYSTEM HP	208 V	230 V	460 V
7.5 HP	65.1 AMPS	60.7 AMPS	30.7 AMPS
10 HP	87.6 AMPS	79.3 AMPS	40.0 AMPS

INDIVIDUAL FULL LOAD AMPERES

SYSTEM HP	208 V	230 V	460 V
7.5 HP	21.0 AMPS	19.6 AMPS	9.8 AMPS
10 HP	28.5 AMPS	25.8 AMPS	12.9 AMPS

FUSE SELECTION CHART (MAX FUSE SIZES SHOWN)

FUSES	208 V	230 V	460 V
F1/F2/F4/F5/F7/F8	6.0 AMPS	6.0 AMPS	6.0 AMPS
F3/F6/F9	---	---	6.0 AMPS
F21/F22/F23	2.5 AMPS	2.5 AMPS	2.5 AMPS
F33	1.0 AMP	1.0 AMP	1.0 AMP
F35	0.5 AMP	0.5 AMP	0.5 AMP

F1-F9 ARE LITTELFUSE KLDK 600V TYPE
F21-F23/F33/F35 ARE LITTELFUSE 2AG 250V TYPE

RELIEF VALVE SETTINGS ("HgV)

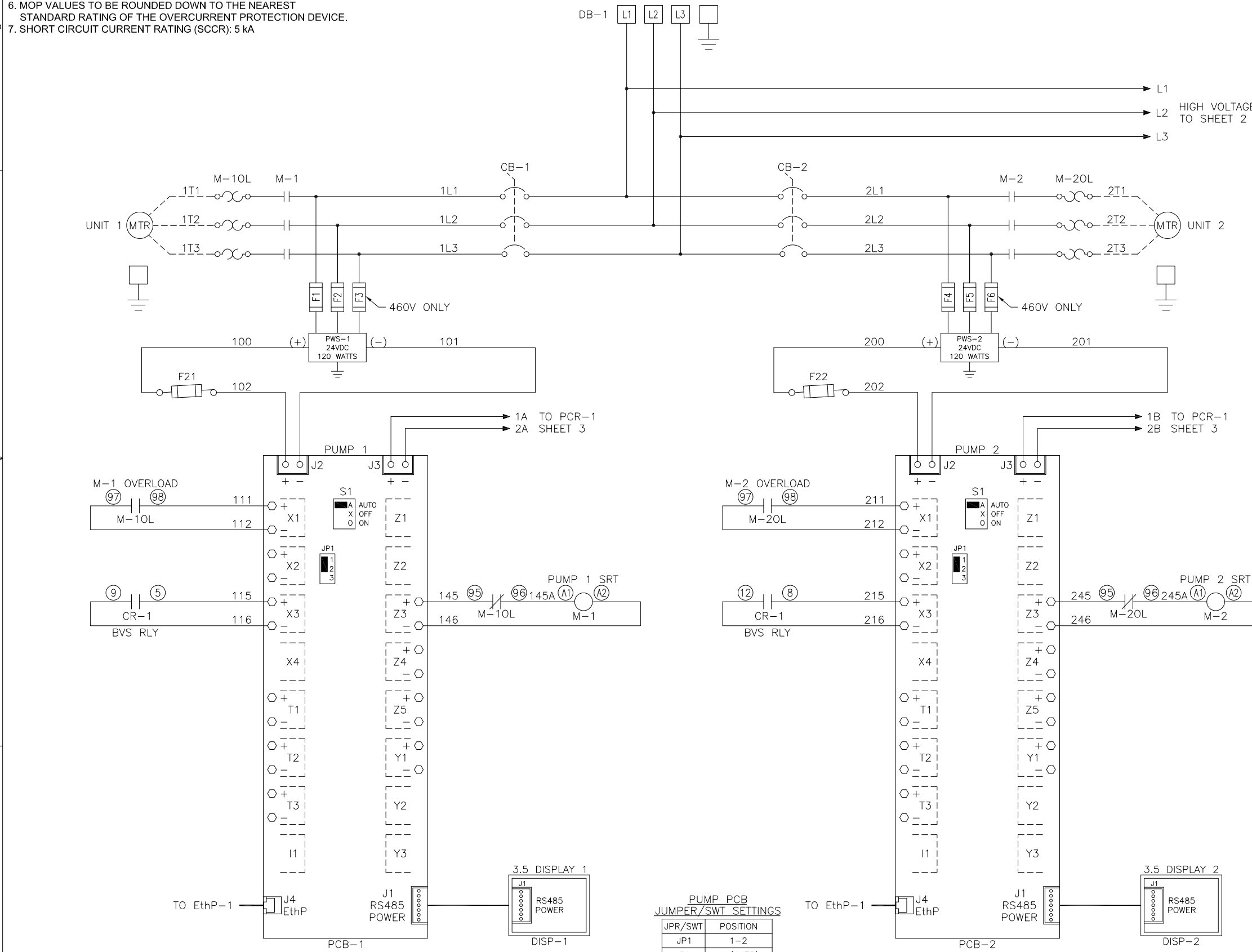
ALTITUDE	7.5HP	8.6HP
0-1000'	21.5	23
1001-2000'	20.5	22
2001-3000'	19.5	21
3001-4000'	18.5	20
>4000'	CONSULT FACTORY	

DEFAULT VACUUM SETTINGS ("Hg)

ALTITUDE	LEAD CUT-OFF	LAG CUT-ON	MAXIMUM LIMITS	MINIMUM LIMITS
0-1000'	21	16	25 18	21 16
1001-2000'	20	16	24 18	21 16
2001-3000'	19	16	23 18	21 16
3001-4000'	18	16	22 18	21 16
>4,000'	CONSULT FACTORY			

BACKUP VACUUM SWITCH ("Hg)

BVS-1	CUT-ON	15
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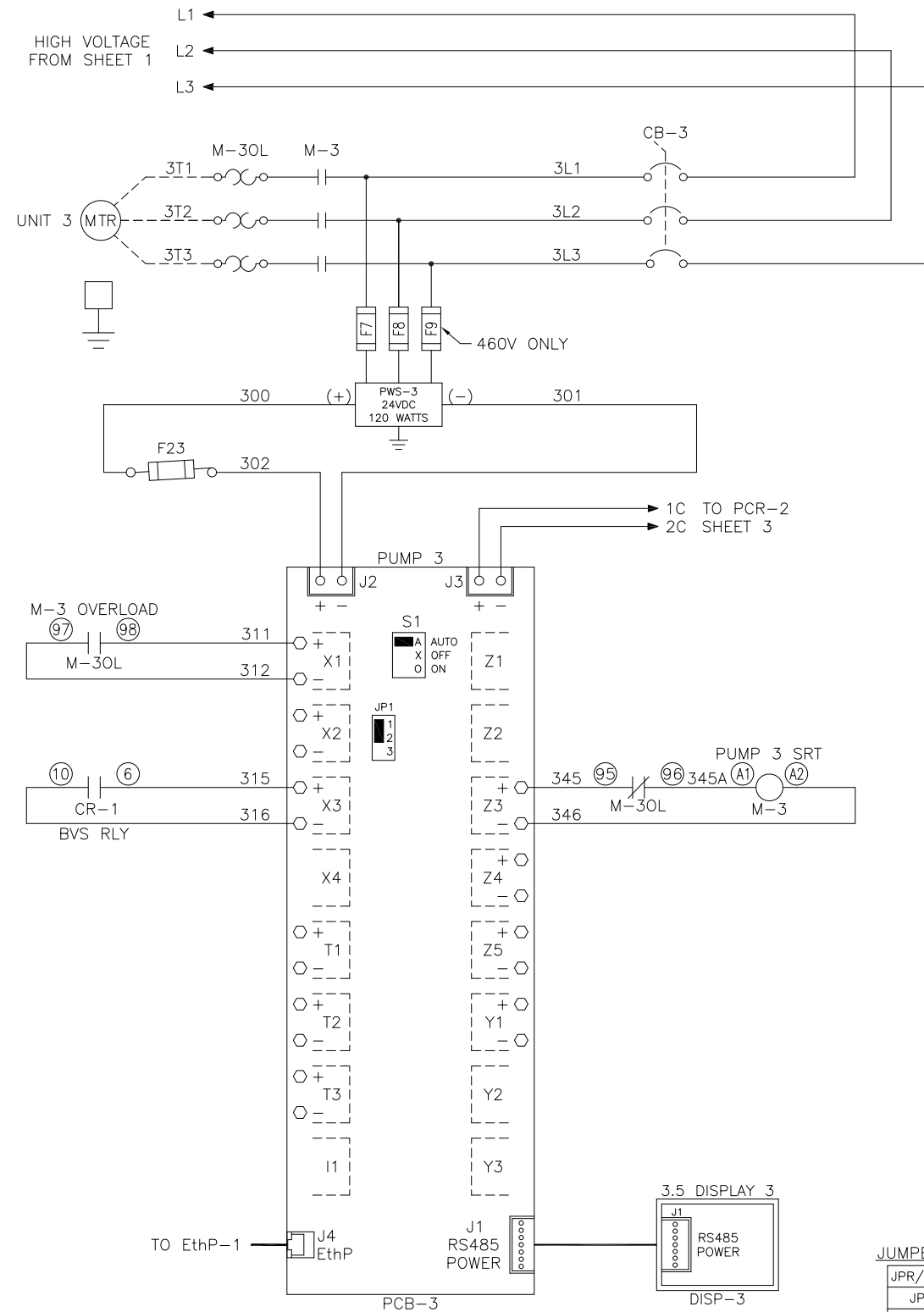
PUMP PCB JUMPER/SWT SETTINGS

JPR/SWT	POSITION
JP1	1-2
S1	A (AUTO)

Revised: BKW	Date: 03/09/18	Drawn: JWD	Date: 05/05/15
		Scale: NTS	D
Description: DWG WIRING CONTROL TX DRY VAC 7.5-10HP 208-460/3/60		Part Number: 4107 8553 99	Rev: 02
DN: HOP180218		Sheet 1 of 3	DO NOT SCALE THIS DOCUMENT

Notes:

- 1. FIELD WIRING TO BE COPPER RATED FOR 75°C MINIMUM.
- 2. - - - - - INDICATES FIELD WIRING OUTSIDE OF CABINET.



PUMP PCB JUMPER/SWT SETTINGS

JPR/SWT	POSITION
JP1	1-2
S1	A (AUTO)

Revised: BKW	Date: 03/09/18	Drawn: JWO	Date: 05/05/15
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Description: DWG WIRING CONTROL TX DRY VAC 7.5-10HP 208-460/3/60		Part Number: 4107 8553 99 DN: HOP180218 Rev: 02 Sheet 2 of 3	

