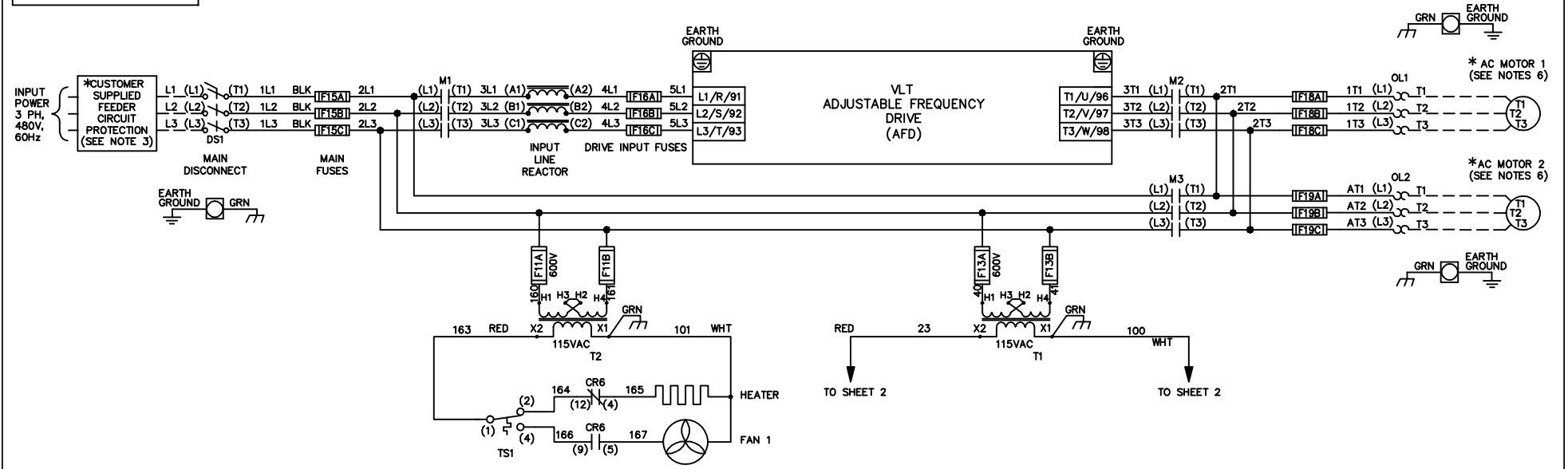


WIRE COLOR SCHEME	
BLACK	- LINE VOLTAGE
RED	- AC CONTROL
WHITE	- AC GROUNDED
	CIRCUIT CONDUCTOR
BLUE	- DC CONTROL
GREEN	- CHASSIS GROUND



- NOTES:
- \* INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
  - REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
  - FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD CURRENT RATING.
  - REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY. CONTACT MUST BE RATED 1/4 HP @ 120VAC MINIMUM.
  - PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS:
    - HIGHER SWITCHING FREQUENCY THEN DRIVE DEFAULT
    - HIGHER THEN PANEL LISTED AMBIENT TEMPERATURES
    - ELEVATION ABOVE 3300 FEET (1000 METERS)
    - LONG MOTOR LEAD LENGTHS
  - WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

**WARNING!**  
 THE FOLLOWING TABLE LIST THE PARAMETERS THAT ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED FOR YOUR APPLICATION.

DRIVE PARAMETER SETTINGS

PARAMETER #	NAME	SETTING	VALUE
0-02	MOTOR SPEED UNIT	1	HZ
0-03	REGIONAL SETTINGS	1	NORTH AMERICA
1-03	TORQUE CHAR.	1	VARIABLE TORQUE
5-02	TERMINAL 29 TYPE	1	OUTPUT
5-31	TERMINAL 29	5	RUNNING
14-20	RESET MODE	13	INFINITE AUTO REST

B			DRN	DTM	NAME	NEMA 3R,480V,3C ,MAIN DISC,MAIN & DRIVE FUSE ,3MB2,IR,DUAL MOTOR,1 FAN			
A			APR	DTM	MODEL	VLT	PAGE 1 OF 2	SIZE A	DWG NO. 174N4184
REV	ECN	DATE							

**WIRE COLOR SCHEME**  
 BLACK - LINE VOLTAGE  
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 GREEN - CHASSIS GROUND

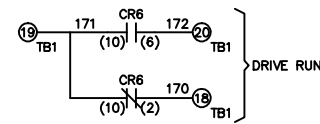
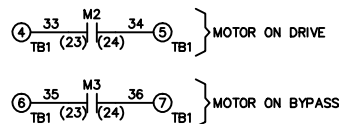
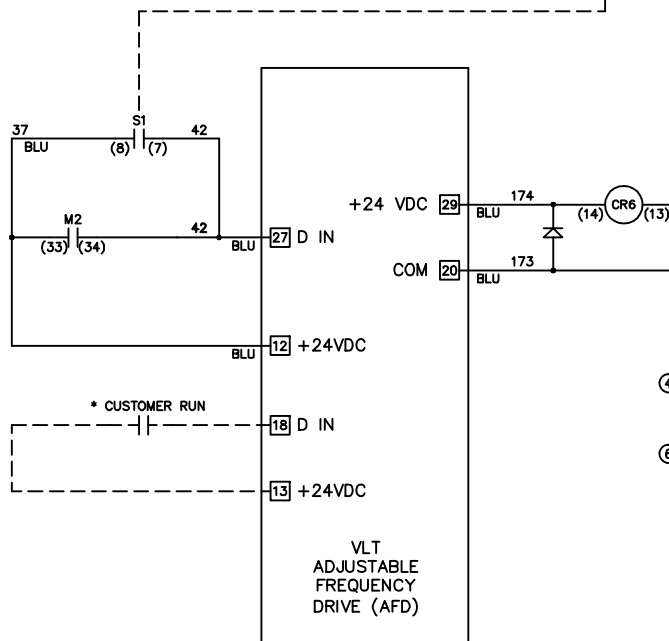
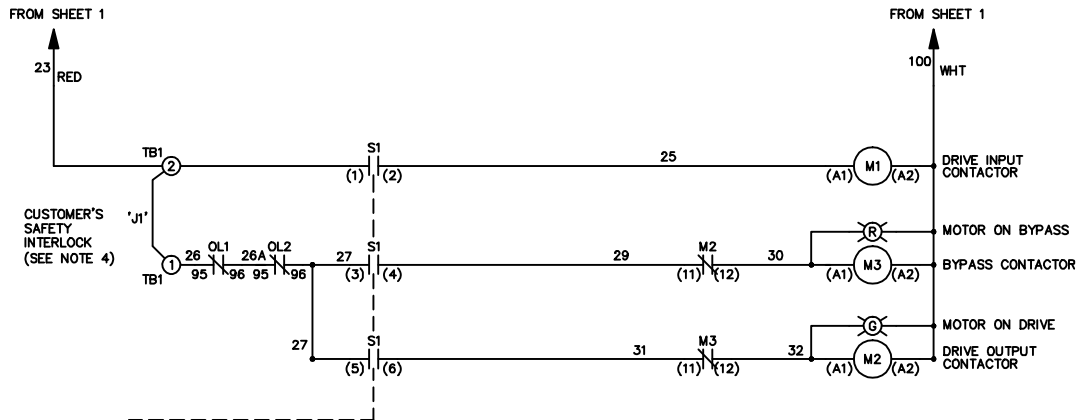
**TERMINAL IDENTIFICATION**  
 [X] - DRIVE TERMINAL  
 (X) - CUSTOMER TERMINAL

**CUSTOMER DRY CONTACT RATINGS**

RELAY	CONTACT RATING
CR6	5A @ 120VAC 1/10 HP @ 120VAC
M1, M2, M3	10A @ 120/240VAC

**CONTACT SEQUENCE CHART FOR S1**  
 X INDICATES CONTACT CLOSED

CONTACT \ POSITION	DRIVE	OFF	BYPASS	TEST
1-2	X			X
3-4			X	X
5-6	X			
7-8				X



B		
A		
DR	ECNSP09001	1/09
REV	ECN	DATE

**-NOTICE-**  
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DRN DTM  
 APR DTM

NAME NEMA 3R,480V,3C  
 ,MAIN DISC,MAIN & DRIVE FUSE  
 ,3MB2,IR,DUAL MOTOR,1 FAN

**THE TRANE COMPANY**  
 A DIVISION OF  
 AMERICAN STANDARD INC.

MODEL VLT PAGE 2 OF 2 SIZE A DWG NO. 174N4184