WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL X - DRIVE TERMINAL WHITE - AC GROUNDED X - CUSTOMER TERMINAL CIRCUIT CONDUCTOR
BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN * AC MOTOR 1 H(SEE NOTES 6) OL1 *CUSTOMER SUPPLIED 1T1 (L1) X T1 3L1 VLT 2T1 INPUT L1/R/91 T1/U/96 IF16AII-TF18AI POWER ADJUSTABLE FREQUENCY 1L2 1T2 (L2) T2 FEEDER BLK 2T2 F18B] 3 PH, 600V, L2/S/92 T2/V/97 DRIVE CIRCUIT 1T3 (L3) T3 BLK 2T3 PROTECTION T3/W/98 -TF18CI (AFD) (SEE NOTE 3) CB1 DRIVE INPUT FUSES CIRCUIT *AC MOTOR 2 BREAKER OL2 (SEE NOTES 6) 3T1 (L1) <u>T1</u> EARTH GROUND GRN F19Al-3T2 (L2) T2 -TF19BI 3T3 (L3) X T3 F19C * CUSTOMER RUN 163 RED 100 WHT -18 D IN -| F12 | X2 X3 115VAC T2 CUSTOMER DRY CONTACT RATINGS -13 +24VDC RELAY HEATER (SET: 65° F) CONTACT RATING (12) 5 (11) TS1 CR6 5A @ 120VAC 167 +24 VDC 29 ②FAN 1 (SET: 80°F) CR6 (9) (5) 1/10 HP @ 120VAC TB2 27 TS1 95 TB1 12 +24VDC CUSTOMER'S SAFETY INTERLOCK VLT (SEE NOTE 4) **ADJUSTABLE** WARNING! DRIVE RUN FREQUENCY THE FOLLOWING TABLE LISTS THE PARAMETERS THAT DRIVE (AFD) ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED FOR YOUR APPLICATION. DRIVE PARAMETER SETTINGS NOTES: 1. * 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.

| 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 | |
| | | | | |
| | | | | |

- REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY.
- 5. PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS:
- 5.1. HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT 5.2. HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

| В | | | -NOTICE- | DRN | NAME | NEMA 3R,600V,NB | | THE TRANE COMPANY |
|-----|---------|-------|--|--|-------|-----------------|--------------------------------------|-------------------|
| А | SP10119 | 11/10 | THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN | D/M ,MAIN CB ,DRIVE FUSE ,DUAL MOTOR,1 FAN | | | A DIVISION OF AMERICAN STANDARD INC. | |
| DR | SP10076 | 09/10 | | APR | | | | |
| REV | ECN | DATE | CONSENT OF THE TRANE COMPANY | D TM | MODEL | TR200 | PAGE 1 OF 1 SIZE A NO. 1 S | 35B3235 |