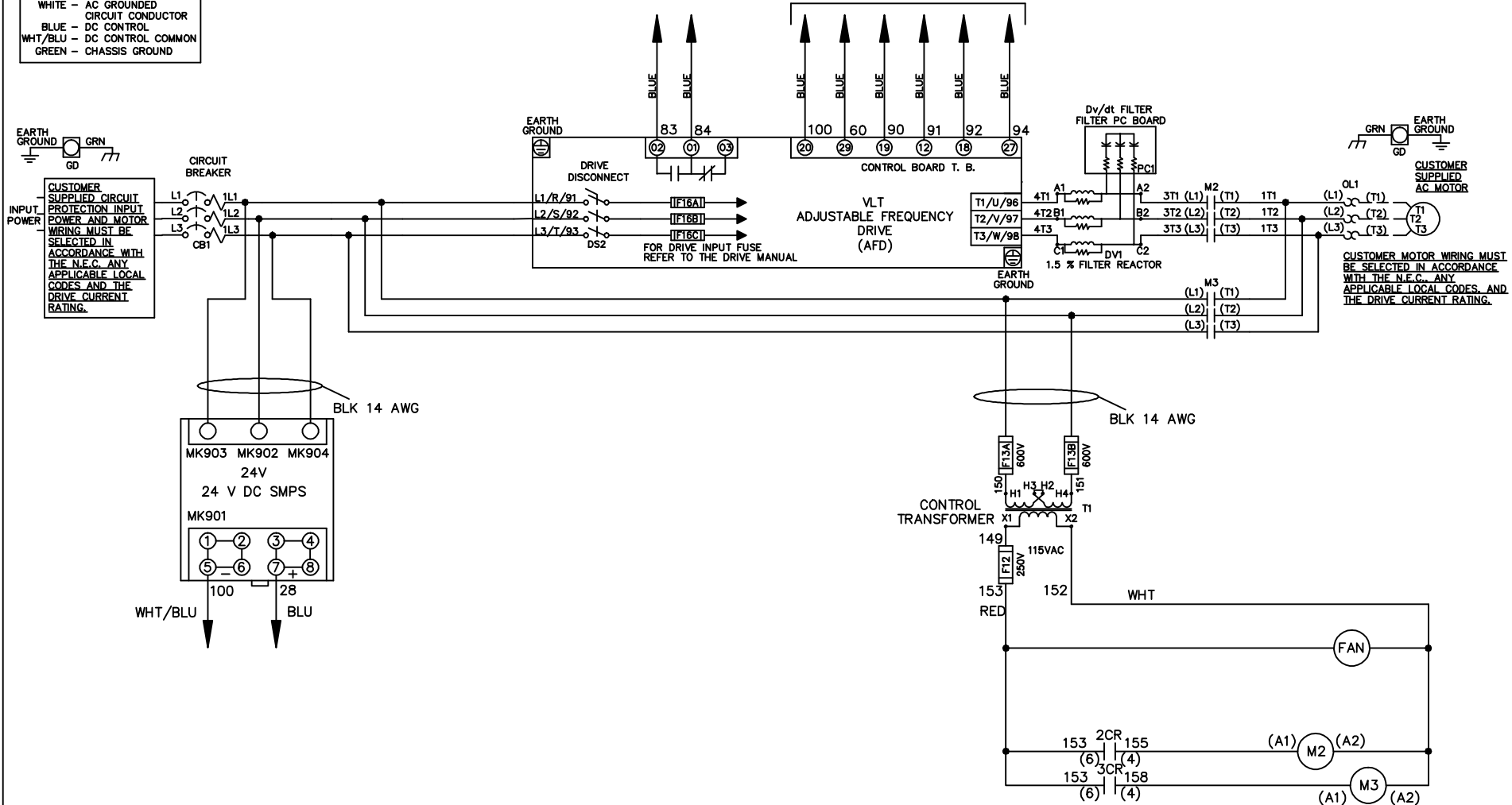


**WIRE COLOR SCHEME**  
 BLACK - LINE VOLTAGE  
 RED - AC CONTROL  
 WHITE - AC GROUNDED  
 BLUE - DC CONTROL  
 WHT/BLU - DC CONTROL COMMON  
 GREEN - CHASSIS GROUND

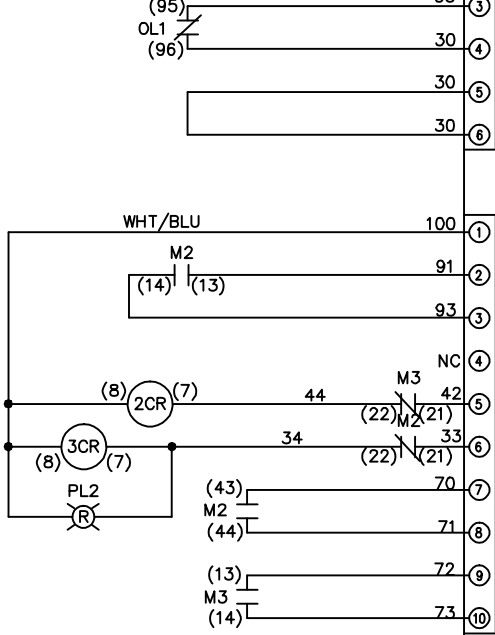
\* ALL CONTROL WIRES ARE BLUE EXCEPT WHERE NOTED. TO ELECTROMECHANICAL RELAY BOARD



|     |         |       |  |  |                   |     |   |             |  |                  |
|-----|---------|-------|--|--|-------------------|-----|---|-------------|--|------------------|
|     |         |       | -NOTICE-   |  | DRN JNW<br>2/8/07 |     | NAME460 VOLT,2C,CB & DRIVE DISC<br>,DRIVE FUSE,EMB2,FRAME D1-D2<br>,DVDT,SINGLE MTR |             | THE TRANE COMPANY<br>A DIVISION OF<br>AMERICAN STANDARD INC. |                  |
| A   | SP08061 | 10/08 | THIS DRAWING IS PROPRIETARY AND SHALL NOT<br>BE COPIED OR ITS CONTENTS DISCLOSED TO<br>OUTSIDE PARTIES WITHOUT THE WRITTEN<br>CONSENT OF THE TRANE COMPANY |  |                   | APR | MODEL   | PAGE 1 OF 2 | SIZE A   | DWG NO. 174U7412 |
| REV | ECN     | DATE  |  |  |                   |     |   |             |  |                  |

|   |   |         |   |      |   |     |     |          |  |
|---|---|---------|---|------|---|-----|-----|----------|--|
| REV   | ECON  | DATE    |   |      |   |     |     |          |  |
| A   | SP08066   | 10/08   |   |      |   |     |     |          |  |
| -NOTICE-  |   |         |   |      |   |     |     |          |  |
| THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY |   |         |   |      |   |     |     |          |  |
| DRN   | JNW   | 2/14/07 |   |      |   |     |     |          |  |
| MODEL   | NAME 460 VOLT, 2C, CB & DRIVE DISC, DRIVE FUSE, EMB2, FRAME D1-D2, DVDI, SINGLE MTR |         |   |      |   |     |     |          |  |
| PAGE  | 2   | OF      | 2 | SIZE | A | DWG | NO. | 174U7412 |  |
| THE TRANE COMPANY<br>A DIVISION OF<br>AMERICAN STANDARD INC.  |   |         |   |      |   |     |     |          |  |

| CONTACT SEQUENCE CHART FOR S1<br>X INDICATES CONTACT CLOSED |       |     |
|---|-------|-----|
| POSITION  | DRIVE | OFF |
| 13-14   |       | X   |
| 23-24   | X     |     |



CUSTOMER CONNECTIONS X55, X56, X58  
 CLASS 2 POWER SOURCE  
 REQUIRED FOR FIELD CONNECTION  
 USE CLASS 1 CONDUCTORS  
 CONDUCTOR SIZE 28-14 AWG

