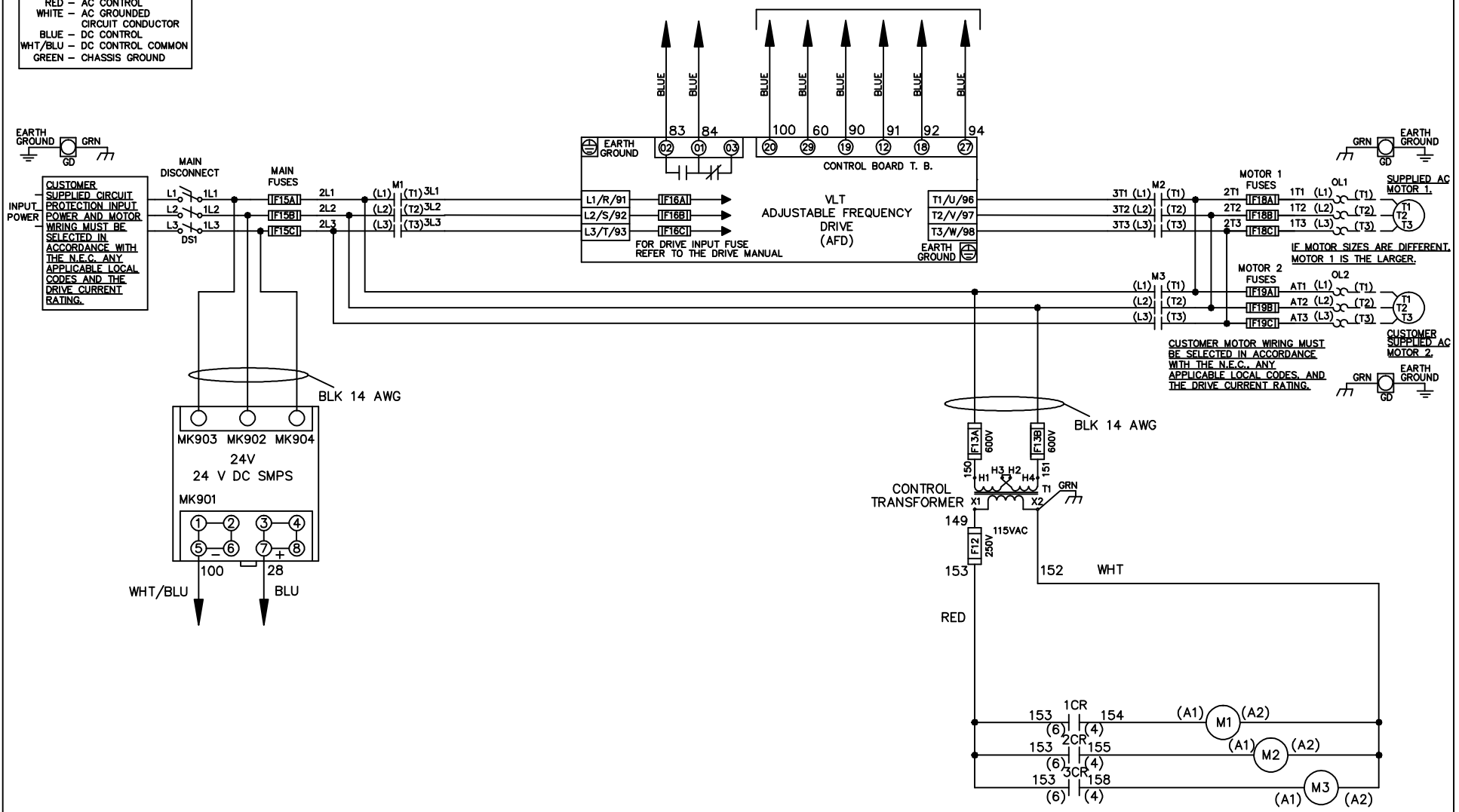


**WIRE COLOR SCHEME**  
 BLACK - LINE VOLTAGE  
 RED - AC CONTROL  
 WHITE - AC GROUNDED  
 BLUE - CIRCUIT CONDUCTOR  
 BLUE - DC CONTROL  
 WHT/BLU - DC CONTROL COMMON  
 GREEN - CHASSIS GROUND

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



|     |         |       |   |  |                    |     |   |             |        |                  |
|-----|---------|-------|---|--|--------------------|-----|---|-------------|--------|------------------|
|     |         |       | - NOTICE -  |  | DRN JNW<br>2/14/07 |     | NAME 460 VOLT, 3C, MAIN DISC<br>, MAIN FUSE, EMB2, FRAME C2N1_<br>, NO REACTOR & DVDT, DUAL MTR |             |        |                  |
| A   | SP08061 | 10/08 | THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES. IT IS LOANED BY DANFOSS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST. |  |                    | APR | MODEL   | PAGE 1 OF 2 | SIZE A | DWG NO. 174U3800 |
| REV | ECN     | DATE  |   |  |                    |     |   |             |        |                  |

|     |         |       |     |  |        |      |          |
|-----|---------|-------|-----|--|--------|------|----------|
| REV | ECN     | DATE  | DRN | MODEL  | PAGE   | SIZE | DWG      |
| A   | SP08066 | 10/08 | JNW | NAME 460 VOLT, 3C, MAIN DISC<br>, MAIN FUSE, EMB2, FRAME C2N1<br>, NO REACTOR & DVD1, DUAL MTR | 2 OF 2 | A    | 174U3800 |

CONTACT SEQUENCE CHART FOR S1  
X INDICATES CONTACT CLOSED

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

