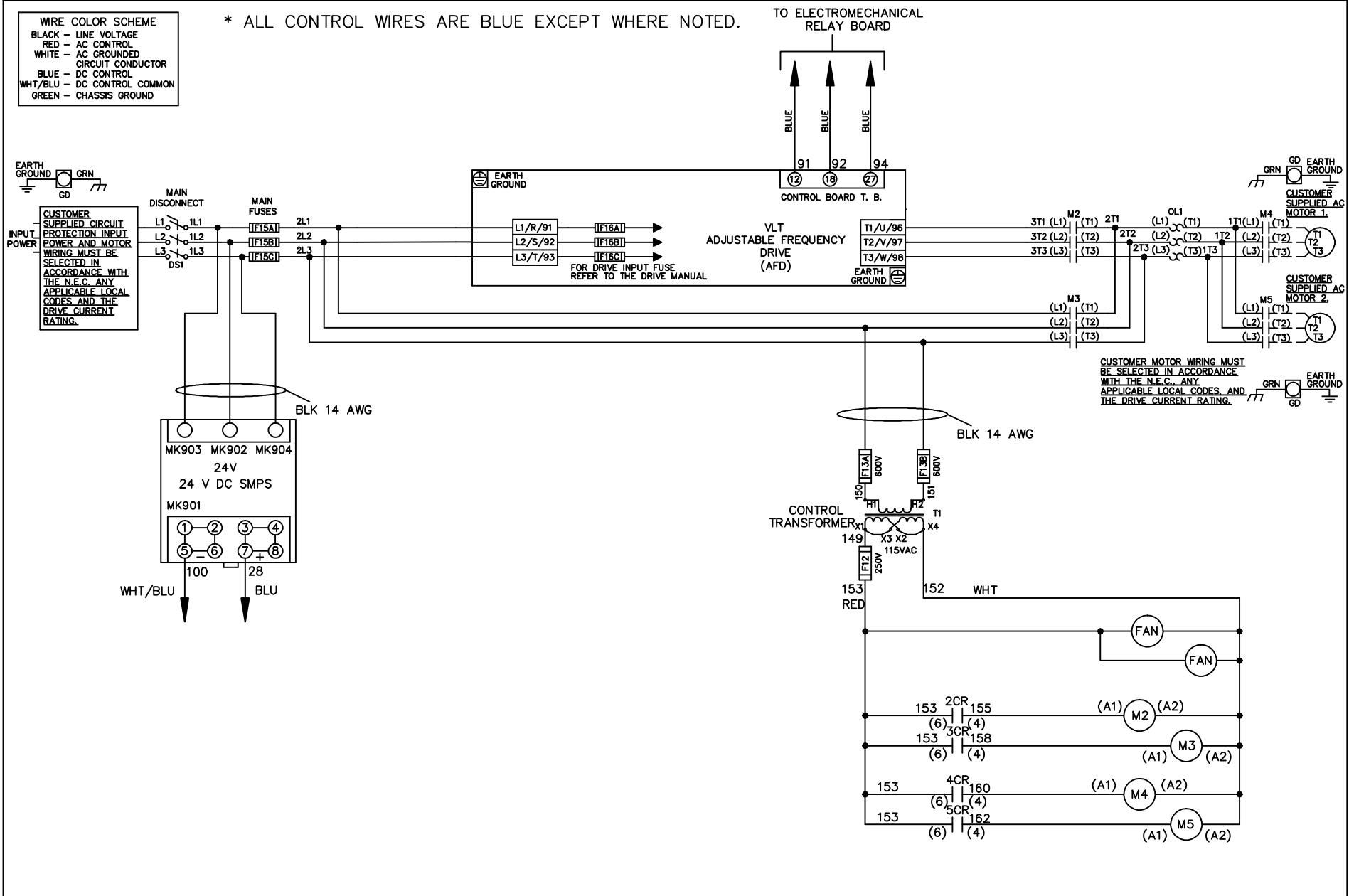


WIRE COLOR SCHEME	
BLACK	- LINE VOLTAGE
RED	- AC CONTROL
WHITE	- AC GROUNDED
	- CIRCUIT CONDUCTOR
BLUE	- DC CONTROL
WHT/BLU	- DC CONTROL COMMON
GREEN	- CHASSIS GROUND

\* ALL CONTROL WIRES ARE BLUE EXCEPT WHERE NOTED.



- NOTICE -

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DRN JNW  
2/14/07  
APR

NAME600 VOLT,2C,MAIN DISC  
,MAIN FUSE,EMB1,FRAME D1-D2  
,NO REACTOR & DVDT,CMS



A	SP08061	10/08
REV	ECN	DATE

MODEL PAGE 1 OF 2 SIZE A DWG NO. 174U3215

REV	ECN	DATE
A	SP08066	10/08

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DRN JNW  
 2/14/07  
 APR

NAME 600 VOLT, 2C, MAIN DISC  
 , MAIN FUSE, EMB1, FRAME D1-D2  
 , NO REACTOR & DVDI, CMS

MODEL  
 PAGE 2 OF 2  
 SIZE A  
 DWG NO. 174U3215

CONTACT SEQUENCE CHART FOR S1  
 X INDICATES CONTACT CLOSED

POSITION	CONTACT	DRIVE	OFF	BYPASS
13-14				X
23-24		X		

CONTACT SEQUENCE CHART FOR S2  
 X INDICATES CONTACT CLOSED

POSITION	CONTACT	MOTOR 1	AUTO	MOTOR 2
11-12		X	X	
13-14				X
21-22		X		X
23-24		X		



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

