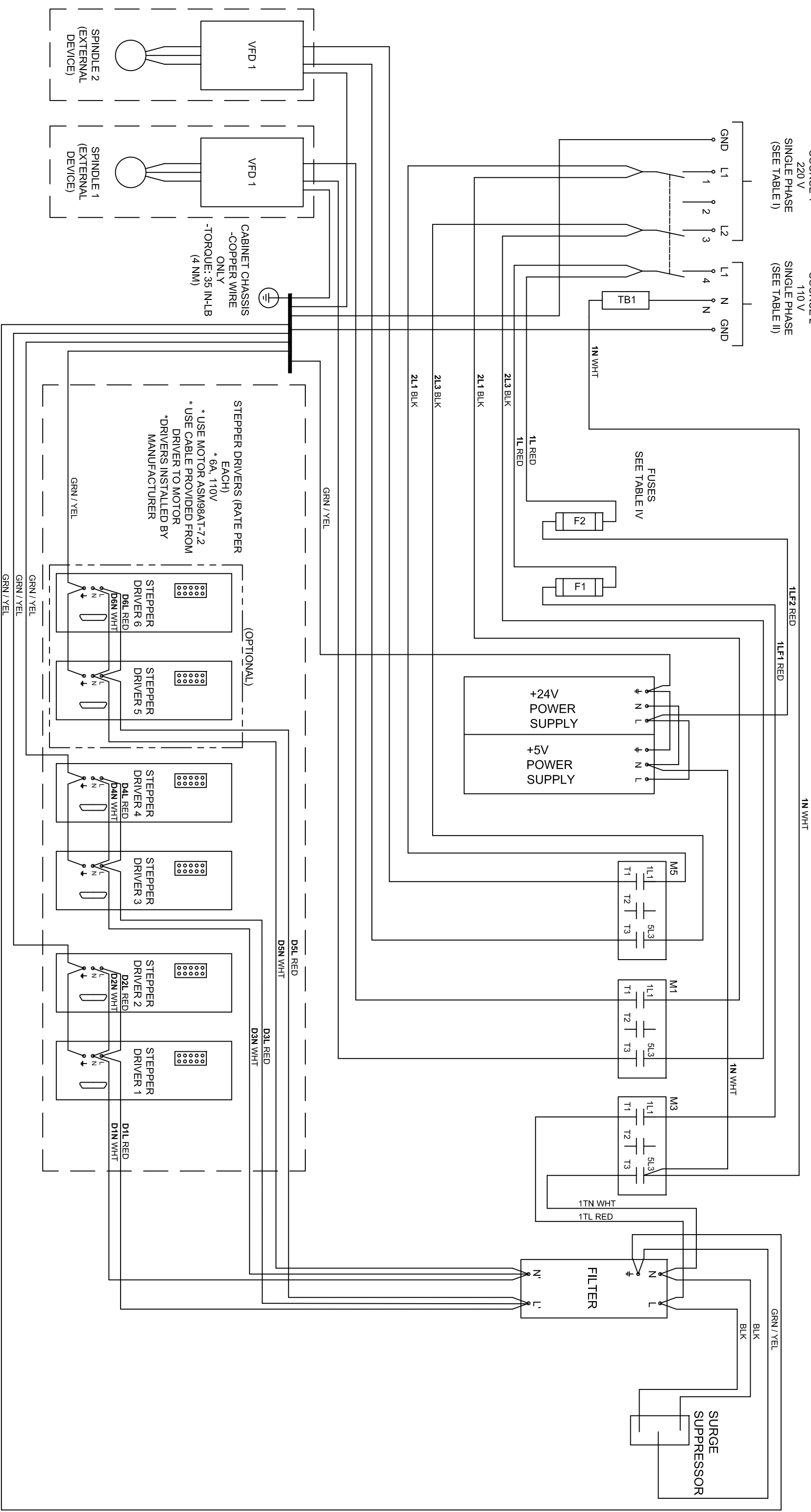


**\*CAUTION-RISK OF ELECTRIC SHOCK\***  
 -MORE THAN ONE DISCONNECT SWITCH MAY BE REQUIRED TO DE-ENERGIZE THE EQUIPMENT BEFORE SERVICING

SOURCE 1  
 220V  
 SINGLE PHASE  
 (SEE TABLE I)

SOURCE 2  
 110V  
 SINGLE PHASE  
 (SEE TABLE II)



ALL WIRING, CONDUCTOR SIZE AND CONDUCTOR TYPE DEVIATIONS MUST BE APPROVED BY SHOPBOT TOOLS  
 \*CONTACT SHOPBOT TOOLS FOR OPTIONAL WIRING INFORMATION

TABLE I  
 INPUT SOURCE 1- 220V 1 PHASE 60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	TOTAL FULL MOTOR LOAD	LARGEST MOTOR LOAD	RECOMMENDED BRANCH PROTECTION (INVERSE TIME CIRCUIT BREAKER)(PROVIDED BY ELECTRICIAN)	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
0 2X 4 HP HSD	70.8 A	35.4 A	40 A	DISCONNECT 1, 3	4	2	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
0 2X 5 HP COLUMBO	70.8 A	35.4 A						
0 4 HP HSD & 5 HP COLUMBO	70.8 A	35.4 A						

TABLE II  
 INPUT SOURCE 2- 110V 1 PHASE 60HZ

TOTAL FULL MOTOR LOAD	LARGEST MOTOR LOAD	RECOMMENDED FEEDER PROTECTION (INVERSE TIME CIRCUIT BREAKER) (PROVIDED BY ELECTRICIAN)	FIELD WIRING TERMINAL	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
14 A	6 A	15 A	DISCONNECT 4 - N- NEUTRAL	12	12	75°C USE COPPER CONDUCTORS ONLY	16 IN-LBS (1.8 NM)

TABLE III  
 OUTPUT LOAD- 220V 1 PHASE 60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	VFD	LOAD	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
0 4 HP HSD	CIMR-VU2A0030GAA	35.4 A	CONTRACTOR	8	6	75°C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)
0 5 HP COLUMBO	CIMR-VU2A0040GAA	35.4 A	M1- T1, T3	8	6		
0 4 HP HSD	CIMR-VU2A0030GAA	35.4 A	CONTRACTOR	8	6		
0 5 HP COLUMBO	CIMR-VU2A0040GAA	35.4 A	M5- T1, T3	8	6		

TABLE IV  
 RATING

FUSE NO.	RATING
F1	20A CLASS CC-600V (LITTLE FUSE CCMR20A)
F2	3A CLASS CC-600V (LITTLE FUSE CCMR3A)

\*CAUTION-RISK OF ELECTRIC SHOCK\*  
 -MORE THAN ONE DISCONNECT SWITCH MAY BE REQUIRED TO DE-ENERGIZE THE EQUIPMENT BEFORE SERVICING

DIM UNITS: MM/ SCALE: NONE  
 THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF SHOPBOT TOOLS, IT IS NOT TO BE REPRODUCED BY ANY MEANS OR USED TO FURNISH INFORMATION TO OTHERS WITHOUT THE EXPRESS CONSENT OF THE OWNER. THE INFORMATION SHALL BE USED BY RECIPIENTS ONLY AS EXPRESSLY APPROVED BY OWNER AND THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST.  
 ©2008 SHOPBOT TOOLS, INC.  
 ALL RIGHTS RESERVED

**ShopBot**  
 Durham, North Carolina

**POWER DIAGRAM 10226-01**

DRAWN DATE CHECKED DATE APPROVED DATE  
 Dgc 02/12/09

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
4	ECC08313	07MAR13	KWP	MODIFIED REQUIRED WIRE TYPE

TITLE	DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
POWER DIAGRAM 10226-01	Dgc	02/12/09				

PART NUMBER 002544-00 SHEET 1 OF 1