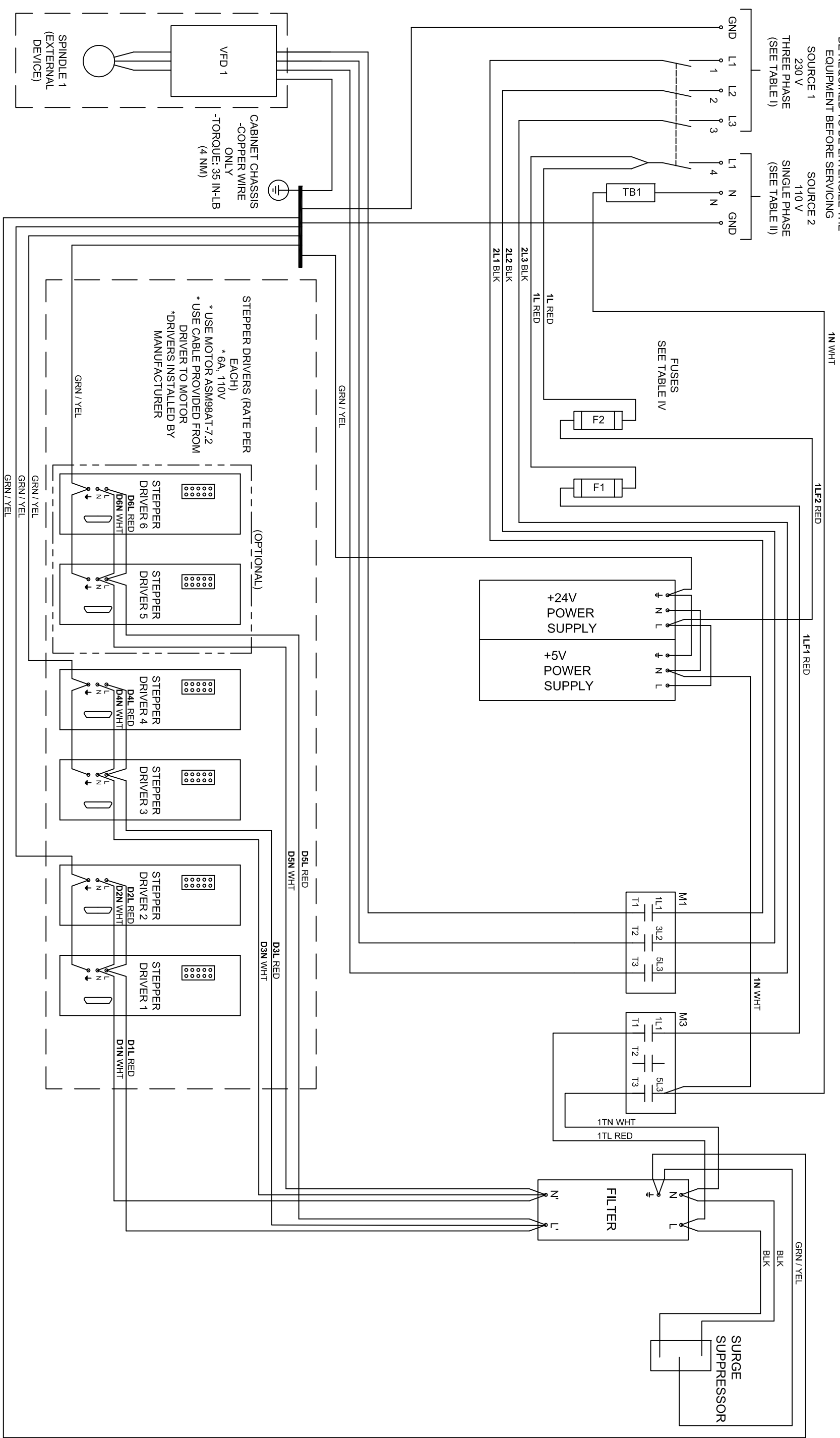


\*CAUTION-RISK OF ELECTRIC SHOCK\*  
 -MORE THAN ONE DISCONNECT SWITCH MAY  
 BE REQUIRED TO DE-ENERGIZE THE  
 EQUIPMENT BEFORE SERVICING

SOURCE 1  
 230V  
 THREE PHASE  
 (SEE TABLE I)

SOURCE 2  
 110 V  
 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- 230V 3 PHASE 60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	TOTAL FULL LOAD	LARGEST MOTOR LOAD	RECOMMENDED BRANCH PROTECTION (INVERSE TIME CIRCUIT BREAKER)(PROVIDED BY ELECTRICIAN)	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	SO CORD *	SCREW TORQUE
0	9 HP HSD	35.4 A	50 A	DISCONNECT 1,2,3	8	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)

TABLE III  
 OUTPUT LOAD- 230V 3 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	9 HP HSD	CMR-VU2A0040GAA	35.4 A	8	6	75°C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)

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

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

TOTAL FULL 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- TERMINAL BLOCK N- NEUTRAL	12	12	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)

TABLE IV  
 FUSE NO. RATING

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

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
4	EC0#313	07MAR13	KWP	MODIFIED REQUIRED WIRE TYPE

REV	DATE	CHECKED	DATE	APPROVED
4	02/12/09	Dgc		

DIM UNITS: MM / SCALE: NONE

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ShopBot  
 Durham, North Carolina

POWER DIAGRAM 10235-01

DRAWING NUMBER: 002517-00

PART NUMBER: 002517-00

SHEET 1 OF 1