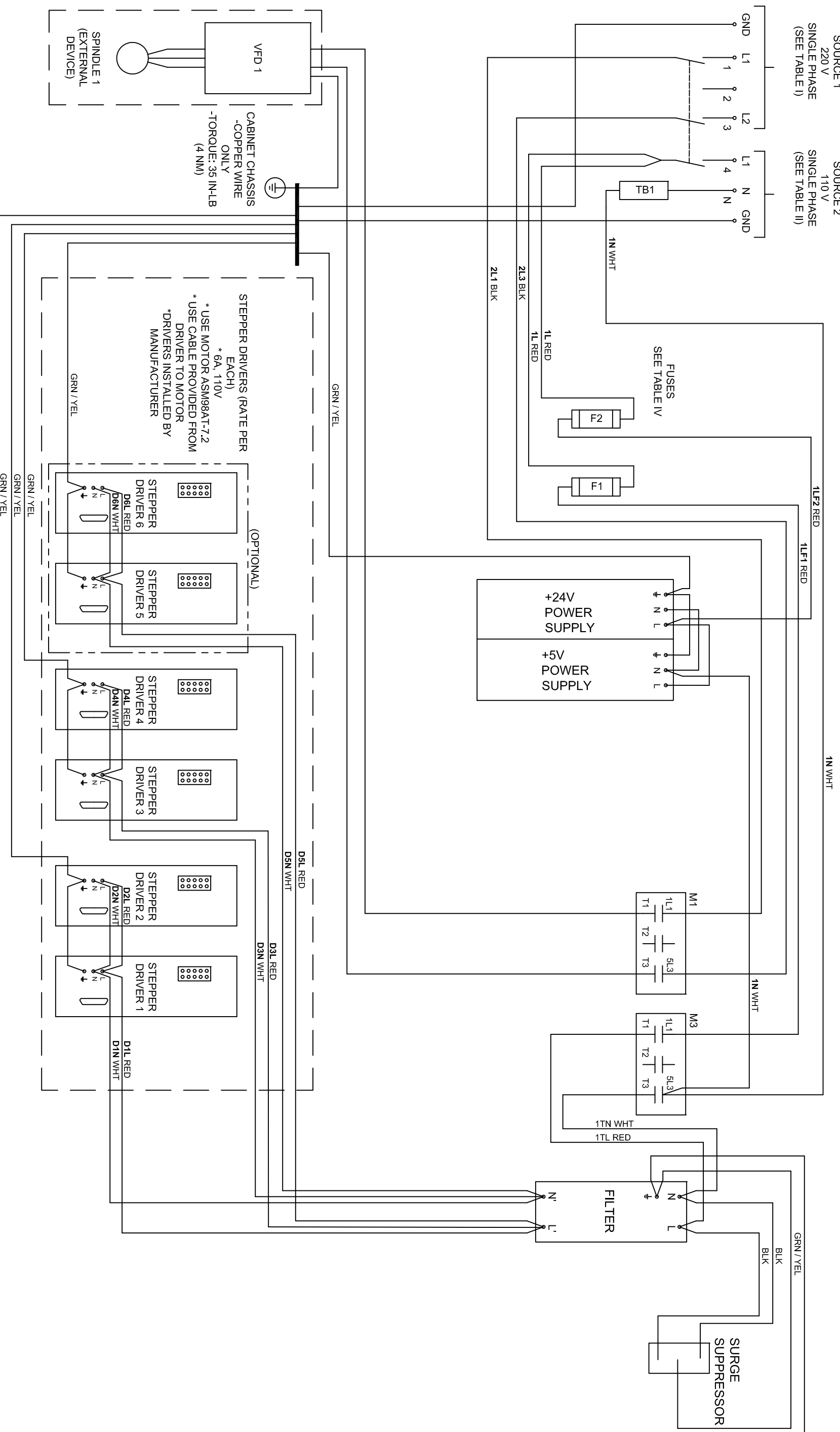


-CAUTION-RISK OF ELECTRIC SHOCK-
 -MORE THAN ONE DISCONNECT SWITCH MAY
 BE REQUIRED TO DE-ENERGIZE THE
 EQUIPMENT BEFORE SERVICING

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 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	35.4 A	35.4 A	50 A	DISCONNECT 1, 3	8	6	75-C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 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	5 HP HSD w/ATC	35.4	CONTRACTOR M1- T1, T3	8	6	75-C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)

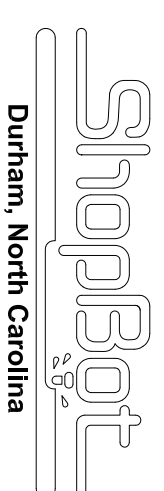
TABLE II
 INPUT SOURCE 2- 110V 1 PHASE 60HZ

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 - LINE	12	12	75-C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
			TERMINAL BLOCK N- NEUTRAL	12	12		16 IN-LBS (1.8 NM)

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-
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 EQUIPMENT BEFORE SERVICING



Durham, North Carolina

POWER DIAGRAM 10238-01

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
4	ECH0313	05MAR13	KWP	MODIFIED REQUIRED WIRE TYPE

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

TITLE	SCALE	NONE
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PART NUMBER	002516-00	SHEET 1 OF 1
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SIZE	DRAWING NUMBER	REV
C	002516-00	4