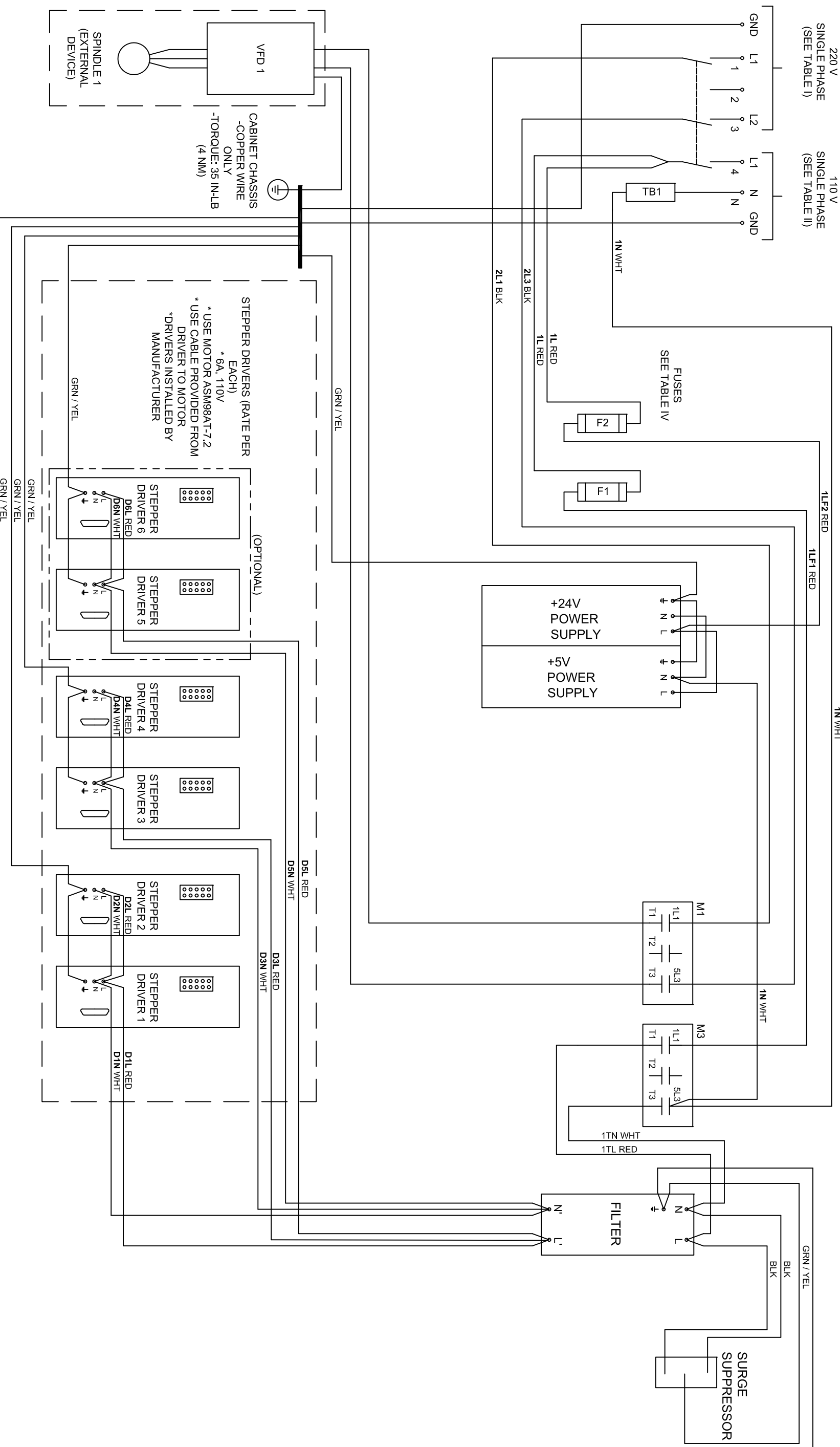


CAUTION-RISK OF ELECTRIC SHOCK
 -MORE THAN ONE DISCONNECT SWITCH MAY BE REQUIRED TO DE-ENERGIZE THE EQUIPMENT BEFORE SERVICING

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)
0 4 HP HSD	35.4A	35.4A	40A
0 5 HP COLUMBO	35.4A	35.4A	

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

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

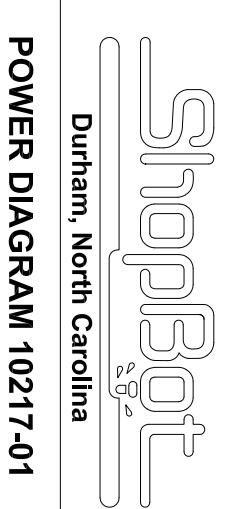
TABLE IV
 FUSE RATING

FUSE NO.	RATING
F1	20A CLASS CC-600V (LITTLE FUSE COMR20A)
F2	3A CLASS CC-600V (LITTLE FUSE COMR3A)

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	35.4A		8	6	75-C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)
0 5 HP COLUMBO	CIMR-VU2A0040GAA	35.4A	CONTRACTOR M1- T1, T3	8	6		

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
4	ECH313	07MAR13	KWP	MODIFIED REQUIRED WIRE TYPE



POWER DIAGRAM 10217-01

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

PART NUMBER 002542-00 SHEET 1 OF 1