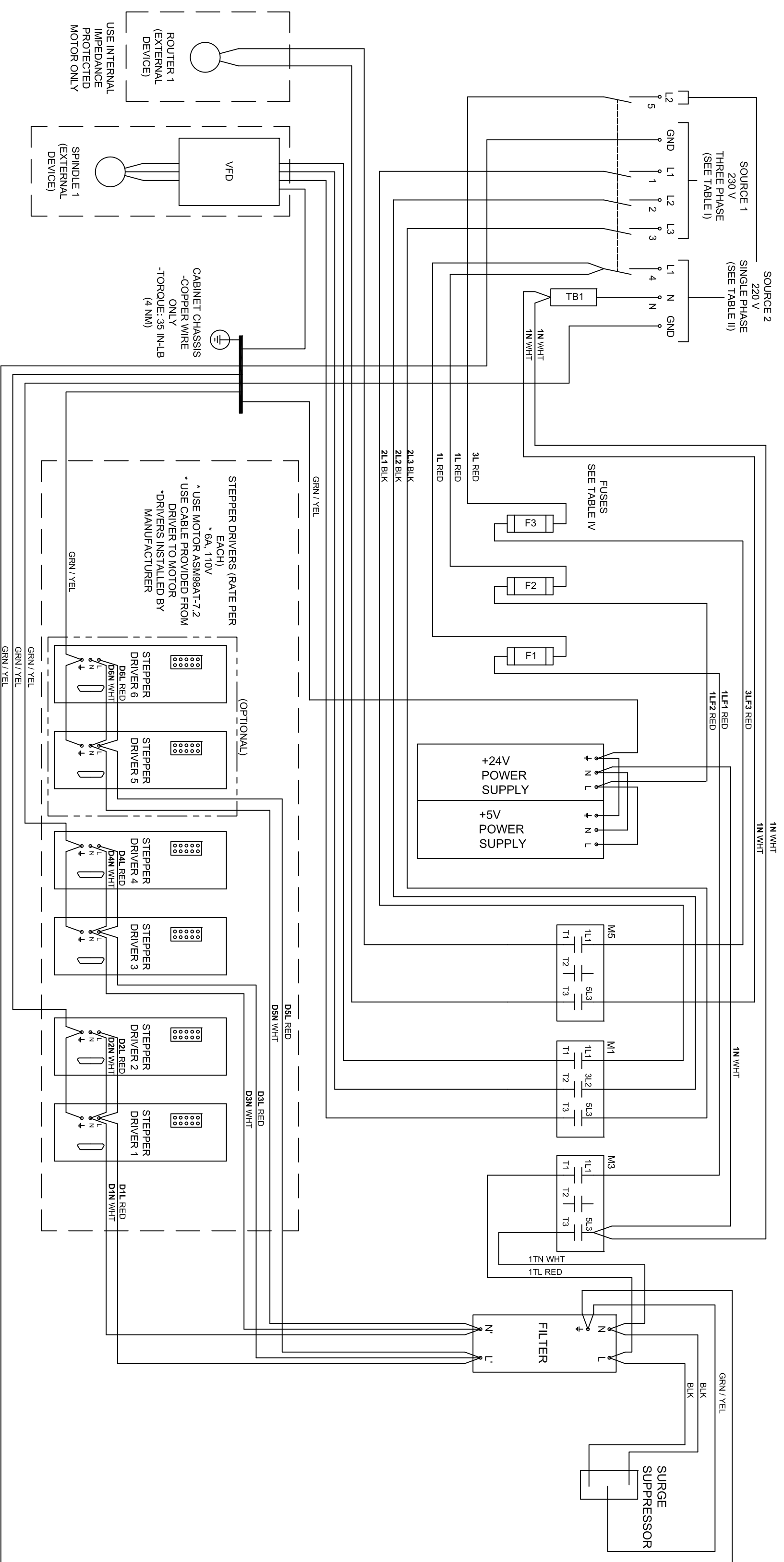


CAUTION: RISK OF ELECTRIC SHOCK!  
 MORE THAN ONE DISCONNECT SWITCH MAY  
 BE REQUIRED TO DE-ENERGIZE THE  
 EQUIPMENT BEFORE SERVICING.



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	LARGES T 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 2.2 HP HSD	11A	11A	15A	12	12	12	75-C USE COPPER (1.8 NM)	31 IN-LBS (3.5 NM)
0 3 HP COLUMBO	11A	11A	15A	12	12	12	75-C USE COPPER (1.8 NM)	31 IN-LBS (3.5 NM)
0 4 HP HSD	18.9A	18.9A	25A	10	10	10	75-C USE COPPER (3.5 NM) ONLY	14 IN-LBS (1.6 NM)
0 5 HP COLUMBO	18.9A	18.9A	25A	10	10	10	75-C USE COPPER (3.5 NM) 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 IV  
 RATING

FUSE NO.	RATING
F1	20A CLASS CC-800V (LITTLE FUSE CCMR20A)
F2	3A CLASS CC-800V (LITTLE FUSE CCMR3A)
F3	15A CLASS CC-800V (LITTLE FUSE CCMR15A)

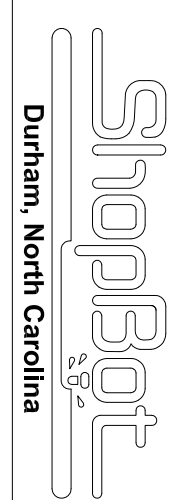
TABLE III  
 OUTPUT LOAD- 230V 3 PHASE 60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	VFD	LOAD	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	WIRE TYPE *	SCREW TORQUE
0 2.2 HP HSD	CIMR-VU2A0012G4	11 A	12	12	75-C USE COPPER (1.8 NM)	31 IN-LBS (3.5 NM)
0 3 HP COLUMBO	CIMR-VU2A0012G4	11 A	12	12	75-C USE COPPER (1.8 NM)	31 IN-LBS (3.5 NM)
0 4 HP HSD	CIMR-VU2A0020G4	18.9 A	10	10	75-C USE COPPER (3.5 NM) ONLY	14 IN-LBS (1.6 NM)
0 5 HP COLUMBO	CIMR-VU2A0020G4	18.9 A	10	10	75-C USE COPPER (3.5 NM) ONLY	14 IN-LBS (1.6 NM)

TABLE II  
 INPUT SOURCE 2- 220V 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
15 A	15 A	20 A	DISCONNECT 4	12	12	75-C USE COPPER (1.8 NM)	31 IN-LBS (3.5 NM)
			BLOCK N- NEUTRAL	12	12	75-C USE COPPER (1.8 NM)	31 IN-LBS (3.5 NM)
			DISCONNECT 5	12	12	75-C USE COPPER (1.8 NM)	31 IN-LBS (3.5 NM)

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
6	ECH370	19MAY14	KWP	MODIFIED ROUTER DESCRIPTION FOR UL COMPLIANCE



POWER DIAGRAM 10237-01

DRAWN	CHECKED	DATE	APPROVED	DATE
DGC	AAP	04/27/07	GAB	05/02/07

002006-00

002006-00

002006-00

002006-00