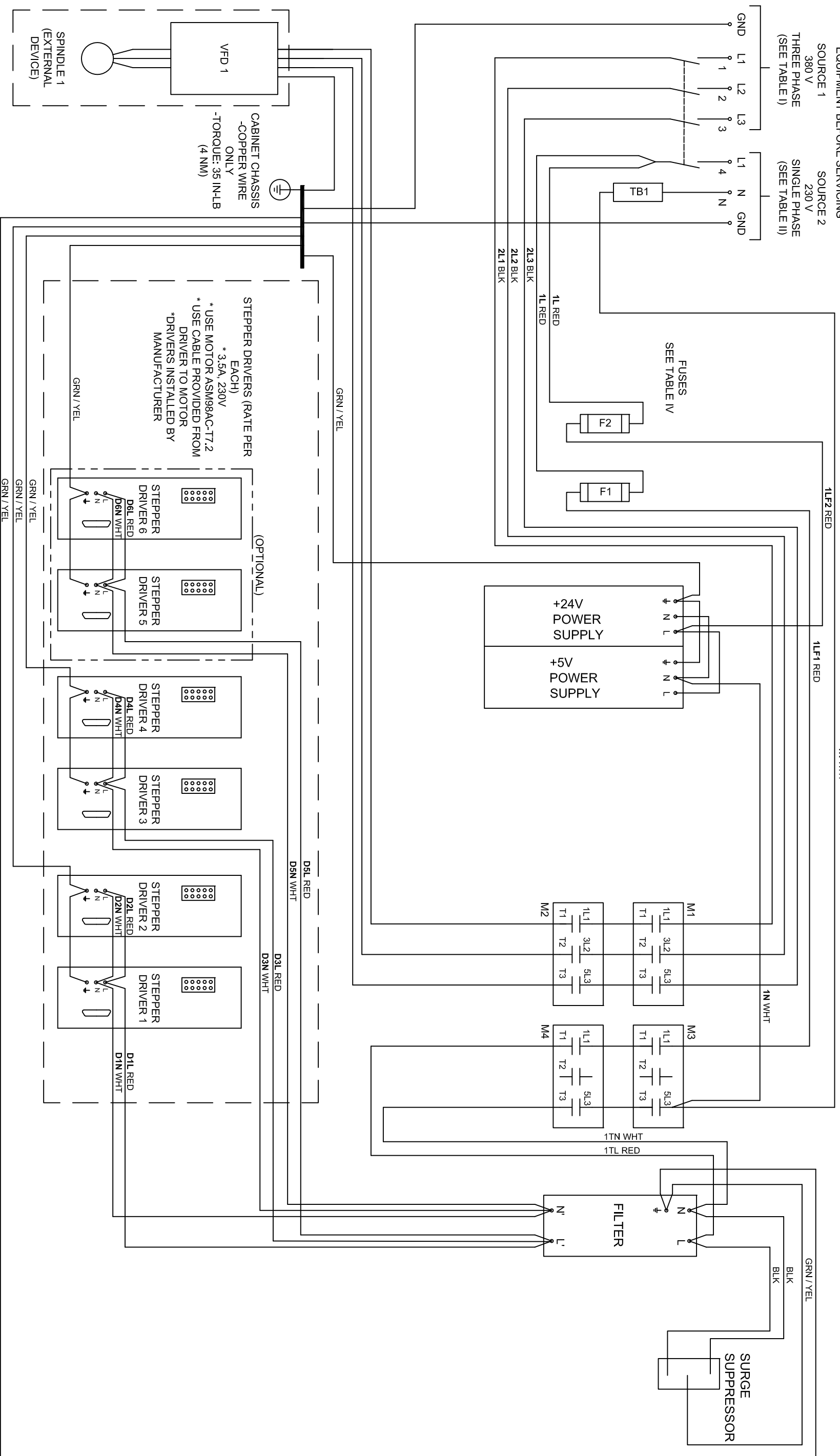


CAUTION-RISK OF ELECTRIC SHOCK
 *MORE THAN ONE DISCONNECT SWITCH MAY
 BE REQUIRED TO DE-ENERGIZE THE
 EQUIPMENT BEFORE SERVICING



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- 380V 3 PHASE 50/60HZ

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 3 HP COLUMBO	8.2 A	8.2 A	20 A
0 5 HP COLUMBO	8.2 A	8.2 A	20 A
0 5 HP HSD w/ATC	8.2 A	8.2 A	20 A

TABLE III
 OUTPUT LOAD- 380V 3 PHASE 50/60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	VFD	LOAD	FIELD WIRING TERMINALS	WIRE SIZE AWG (mm ²)*	SO CORD AWG (mm ²)*	WIRE TYPE *	SCREW TORQUE
0 3 HP COLUMBO	CIMR-VU4A0009GAA	8.2 A		12 (3.5)	14 (2)	75-C	14 IN-LBS (1.6 NM)
0 5 HP COLUMBO	CIMR-VU4A0009GAA	8.2 A	T1, T2, T3	12 (3.5)	14 (2)	USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
0 5 HP HSD w/ATC	CIMR-VU4A0009GAA	8.2 A		12 (3.5)	14 (2)	75-C	14 IN-LBS (1.6 NM)

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TABLE IV
 RATING

FUSE NO.	RATING
F1	10A CLASS CC-600V (LITTLE FUSE CCMR10A)
F2	3A CLASS CC-600V (LITTLE FUSE CCMR3A)

TABLE II
 INPUT SOURCE 2- 230V 1 PHASE 50/60HZ

TOTAL FULL LOAD	LARGEST MOTOR LOAD	RECOMMENDED FEEDER PROTECTION (INVERSE TIME CIRCUIT BREAKER) (PROVIDED BY ELECTRICIAN)	FIELD WIRING TERMINAL	WIRE SIZE AWG (mm ²)*	SO CORD AWG (mm ²)*	WIRE TYPE *	SCREW TORQUE
8 A	3.5 A	10 A	DISCONNECT 4- LINE	14 (2)	14 (2)	75-C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
			TERMINAL BLOCK N- NEUTRAL	14 (2)	14 (2)	75-C USE COPPER CONDUCTORS ONLY	16 IN-LBS (1.8 NM)

REVISION DESCRIPTION

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
2	ECH308	1DEC12	KWP	ADDED SO CORD, CHANGED CIRCUIT PROTECTION RATINGS

DIM UNITS: MM/ SCALE: NONE

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ShopBot
 Durham, North Carolina

POWER DIAGRAM 10222-01

TITLE	DATE	CHECKED	DATE	APPROVED	DATE
DRAWN	11/11/10	BSJ	1/15/13	GAB	1/15/13

SIZE: DRAWING NUMBER: **002196-00**

PART NUMBER	SHEET 1 OF 1	REV
002196-00	1	2