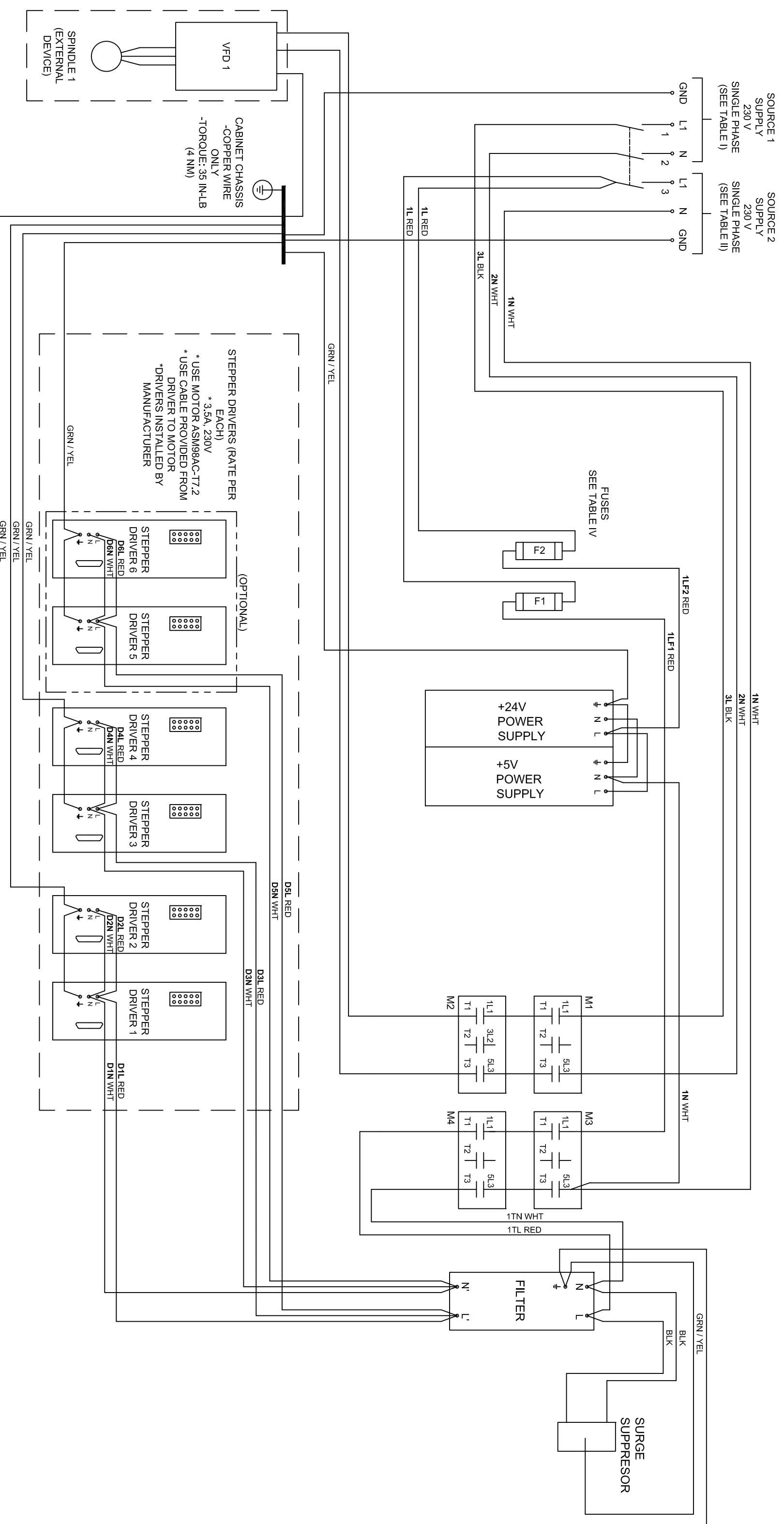


CAUTION-RISK OF ELECTRIC SHOCK.



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 1 PHASE 50/60HZ

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 (mm2)*	SO CORD AWG (mm2)*	WIRE TYPE *	SCREW TORQUE
0 2.2 HP HSD	18.9 A	18.9 A	60 A		10 (5.5)	12 (3.5)	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
0 3 HP COLUMBO	18.9 A	18.9 A	60 A		10 (5.5)	12 (3.5)	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
0 4 HP HSD	26 A	26 A	70 A		8 (8)	8 (8)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)
0 5 HP COLUMBO	35.4 A	35.4 A	100 A		8 (8)	6 (14)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)
0 5 HP HSD w/ATC	35.4 A	35.4 A	100 A		8 (8)	6 (14)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)

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 (mm2)*	SO CORD AWG (mm2)*	WIRE TYPE *	SCREW TORQUE
8 A	3.5 A	10 A	DISCONNECT 3 - 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)

TABLE III
OUTPUT LOAD- 230V 1 PHASE 50/60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	VFD	LOAD	FIELD WIRING TERMINALS	WIRE SIZE AWG (mm2)*	SO CORD AWG (mm2)*	WIRE TYPE *	SCREW TORQUE
0 2.2 HP HSD	CIMR-VJ2A0020GAA	18.9 A		10 (5.5)	10 (5.5)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)
0 3 HP COLUMBO	CIMR-VJ2A0020GAA	18.9 A		10 (5.5)	10 (5.5)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)
0 4 HP HSD	CIMR-VJ2A0030GAA	26 A		8 (8)	8 (8)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)
0 5 HP COLUMBO	CIMR-VJ2A0040GAA	35.4 A		8 (8)	6 (14)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)
0 5 HP HSD w/ATC	CIMR-VJ2A0040GAA	35.4 A		8 (8)	6 (14)	75°C USE COPPER CONDUCTORS ONLY	20 IN-LBS (2.3 NM)

ECOM308 1DEC12 KWP ADDED SO CORD, CHANGED CIRCUIT PROTECTION RATINGS

2 REV CHG NOTICE DATE BY REVISION DESCRIPTION

4 3 2 1

ShopBot
Durham, North Carolina

POWER DIAGRAM 10221-01

11/16/12 BSJ 1/15/13 GAB

002195-00

002194-00 SHEET 1 OF 1

2 REV DATE