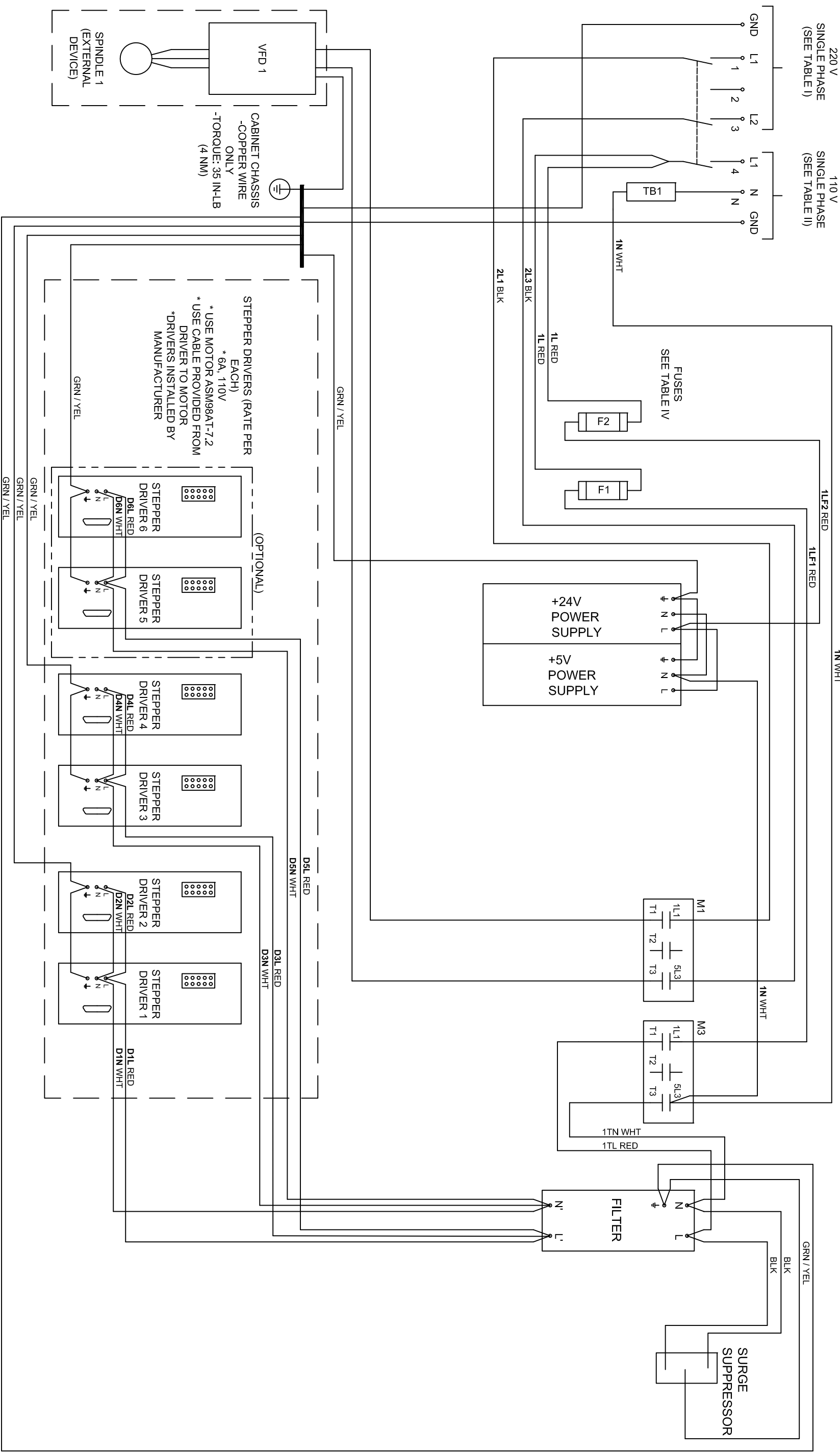


CAUTION-RISK OF ELECTRIC SHOCK
 -MORE THAN ONE DISCONNECT SWITCH MAY BE REQUIRED TO DE-ENERGIZE THE EQUIPMENT BEFORE SERVICING

SOURCE 1
 220V
 SINGLE PHASE
 (SEE TABLE I)

SOURCE 2
 110V
 SINGLE PHASE
 (SEE TABLE II)



ALL WIRING, CONDUCTOR TYPE DEVIATIONS MUST BE APPROVED BY SHOPBOT TOOLS
***CONTACT SHOPBOT TOOLS FOR OPTIONAL WIRING INFORMATION**

TABLE I

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	18.9A	25 A	DISCONNECT 1, 3	10	12	75-C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
0	3 HP COLUMBO	18.9A	25 A		10	12	75-C USE COPPER CONDUCTORS ONLY	16 IN-LBS (1.8 NM)

TABLE III

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	CIMR-VU2A0020GAA	18.9A	10	10	12	75-C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)
0	CIMR-VU2A0020GAA	18.9A	10	10	12	75-C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)

TABLE II

TOTAL FULL LOAD	LARGEST MOTOR LOAD	RECOMMENDED FEEDER PROTECTION (INVERSE TIME CIRCUIT BREAKER) (PROVIDED BY INSTALLER)	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	75-C USE COPPER CONDUCTORS ONLY	16 IN-LBS (1.8 NM)

TABLE IV

FUSE NO.	RATING
F-1	20A CLASS CC-800V (LITTLE FUSE CCMR20A)
F-2	3A CLASS CC-800V (LITTLE FUSE CCMR3A)

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

5 **EC0M313** 18FEB13 **KWP** MODIFIED REQUIRED WIRE TYPE

REV CHG NOTICE DATE BY REVISION DESCRIPTION

4

3

2

1

Durham, North Carolina

POWER DIAGRAM 10216-01

DATE: 04/27/07
 CHECKED: AAP
 DATE: 05/02/07
 APPROVED: GAB

DATE: 05/02/07

002001-00

DRAWING NUMBER

002001-00

PART NUMBER

SHEET 1 OF 1

REV 5