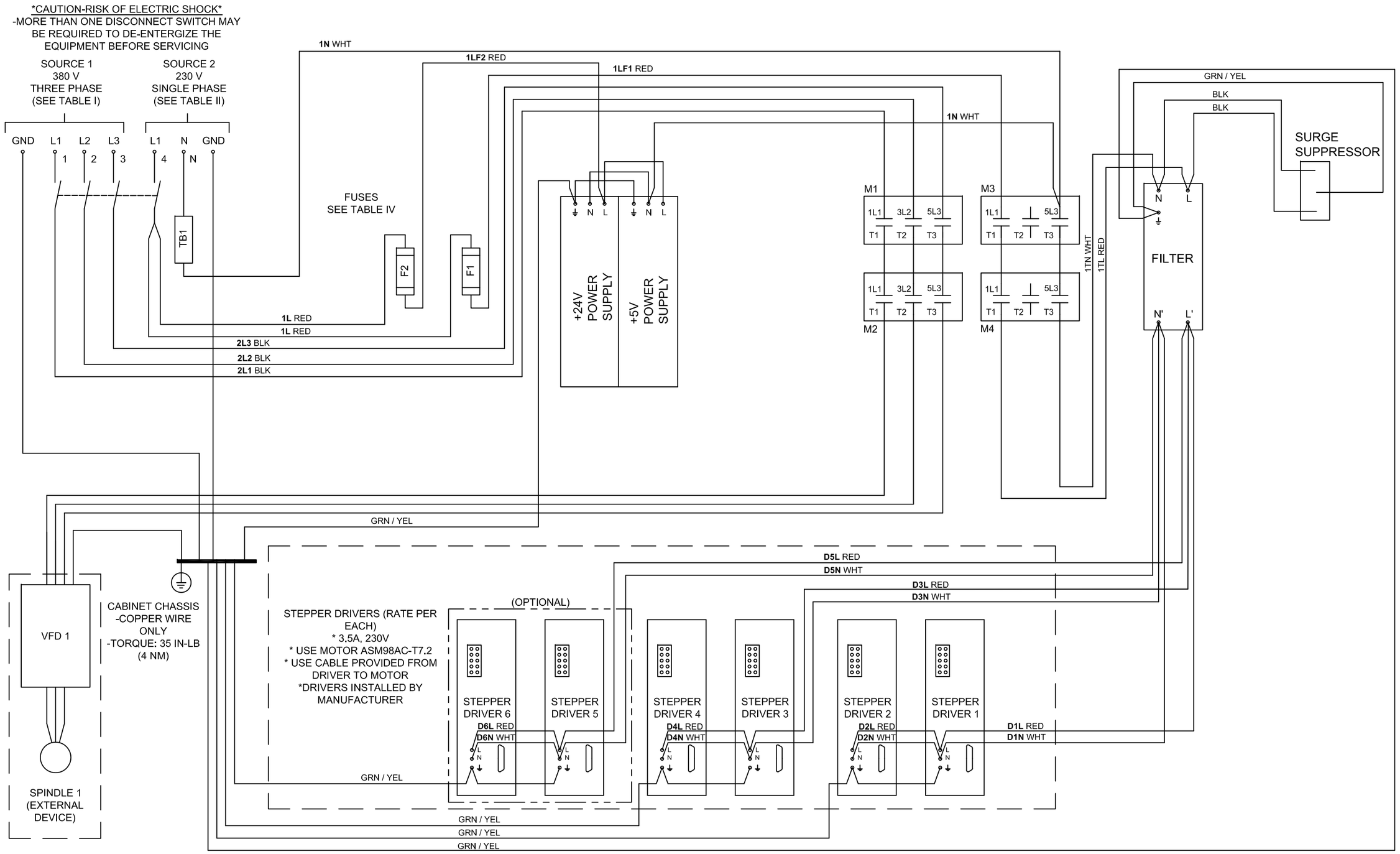

ALL WIRING, CONDUCTOR SIZE AND CONDUCTOR TYPE DEVIATIONS MUST BE APPROVED BY SHOPBOT TOOLS
*CONTACT SHOPBOT TOOLS FOR OPTIONAL WIRING INFORMATION

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)	FIELD WIRING TERMINALS	WIRE SIZE AWG (mm2)*	SO CORD AWG (mm2)*	WIRE TYPE *	SCREW TORQUE
o	8.2 HP HSD	15 A	15 A	50 A	DISCONNECT 1,2 3	12 (3.5)	12 (3.5)	75ºC USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 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 4 - LINE	14 (2)	14 (2)	75ºC USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
			TERMINAL BLOCK N- NEUTRAL	14 (2)	14 (2)		16 IN-LBS (1.8 NM)

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
o	8.2 HP HSD	CIMR-VU4A0018GAA	15 A	CONTACTOR M2-T1, T2, T3	12 (3.5)	12 (3.5)	75ºC USE COPPER CONDUCTORS ONLY	20 IN-LBS (1.6 NM)

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

TABLE IV

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

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION	APVD
0	ECO#308	1DEC12	KWP	ADDED SO CORD, CHANGED CIRCUIT PROTECTION RATINGS	-

DIM UNITS: MM | SCALE: NONE

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ShopBot
Durham, North Carolina

TITLE: POWER DIAGRAM 10266-01

DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
DGC	02/12/09	BSJ	1/15/13	GAB	1/15/13

SIZE C | DRAWING NUMBER 003196-00 | REV 0

PART NUMBER 003196-00 | SHEET 1 OF 1