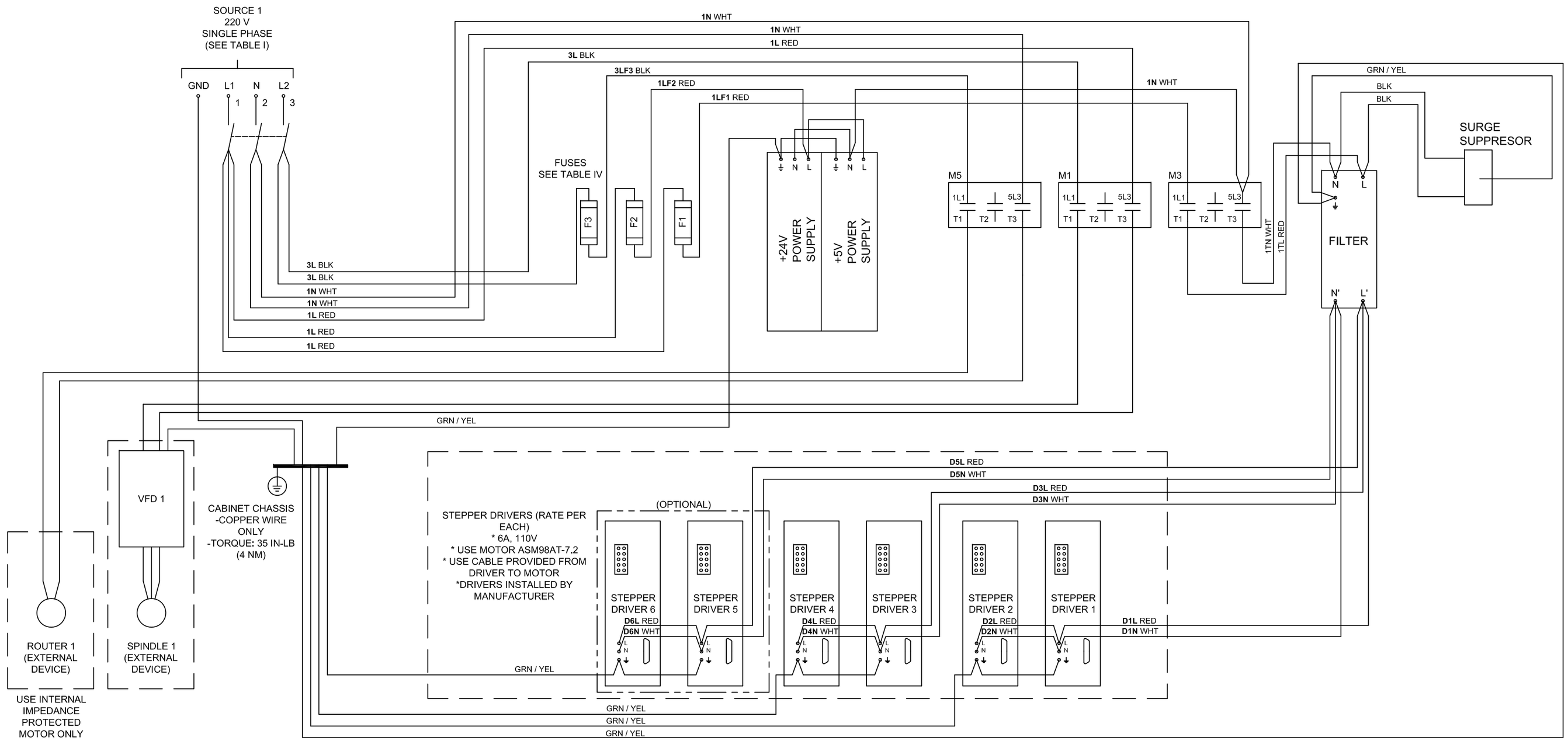
CAUTION-RISK OF ELECTRIC SHOCK



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- 220V 1 PHASE 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) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
o	2.2 HP HSD	32.9 A	18.9 A	40 A	DISCONNECT 1,2,3	8	6	75ºC USE COPPER CONDUCTORS ONLY	45 IN-LBS (5 NM)
o	3 HP COLUMBO	32.9 A	18.9 A						

CAUTION-RISK OF ELECTRIC SHOCK

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
	OUTPUT LOAD- 220V 1 PHASE 60HZ							
o	2.2 HP HSD	CIMR-VU2A0020GAA	18.9 A	CONTACTOR M1- T1, T3	10	12	75ºC USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)
o	3 HP COLUMBO	CIMR-VU2A0020GAA	18.9 A		10	12		
	OUTPUT LOAD- 110V 1 PHASE 60HZ							
o	ROUTER		15 A	CONTACTOR M5- T1, T3	12	12	75ºC USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)

TABLE IV

FUSE NO.	RATING
F1	20A CLASS CC-600V (LITTLE FUSE CCMR20A)
F2	3A CLASS CC-600V (LITTLE FUSE CCMR3A)
F3	15A CLASS CC-600V (LITTLE FUSE CCMR15A)

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION	APVD
5	ECO#370	19MAY14	KWP	MODIFIED ROUTER DESCRIPTION FOR UL COMPLIANCE	-

DIM UNITS: MM | SCALE: NONE

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF SHOPBOT TOOLS. IT IS NOT TO BE REPRODUCED BY ANY MEANS OR USED TO FURNISH INFORMATIONTO OTHERS WITHOUT THE EXPRESS CONSENT TO THE OWNER. THE INFORMATION SHALL BE USED BY RECIPIENTS ONLY AS EXPRESSLY APPROVED BY OWNER AND THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST.
©2008, SHOPBOT TOOLS, INC.,
ALL RIGHTS RESERVED

ShopBot
Durham, North Carolina

TITLE: POWER DIAGRAM 10233-01

DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
DGC	02/12/09	-	-	-	-

SIZE: C | DRAWING NUMBER: 002543-00 | REV: 5

PART NUMBER: 002543-00 | SHEET 1 OF 1