

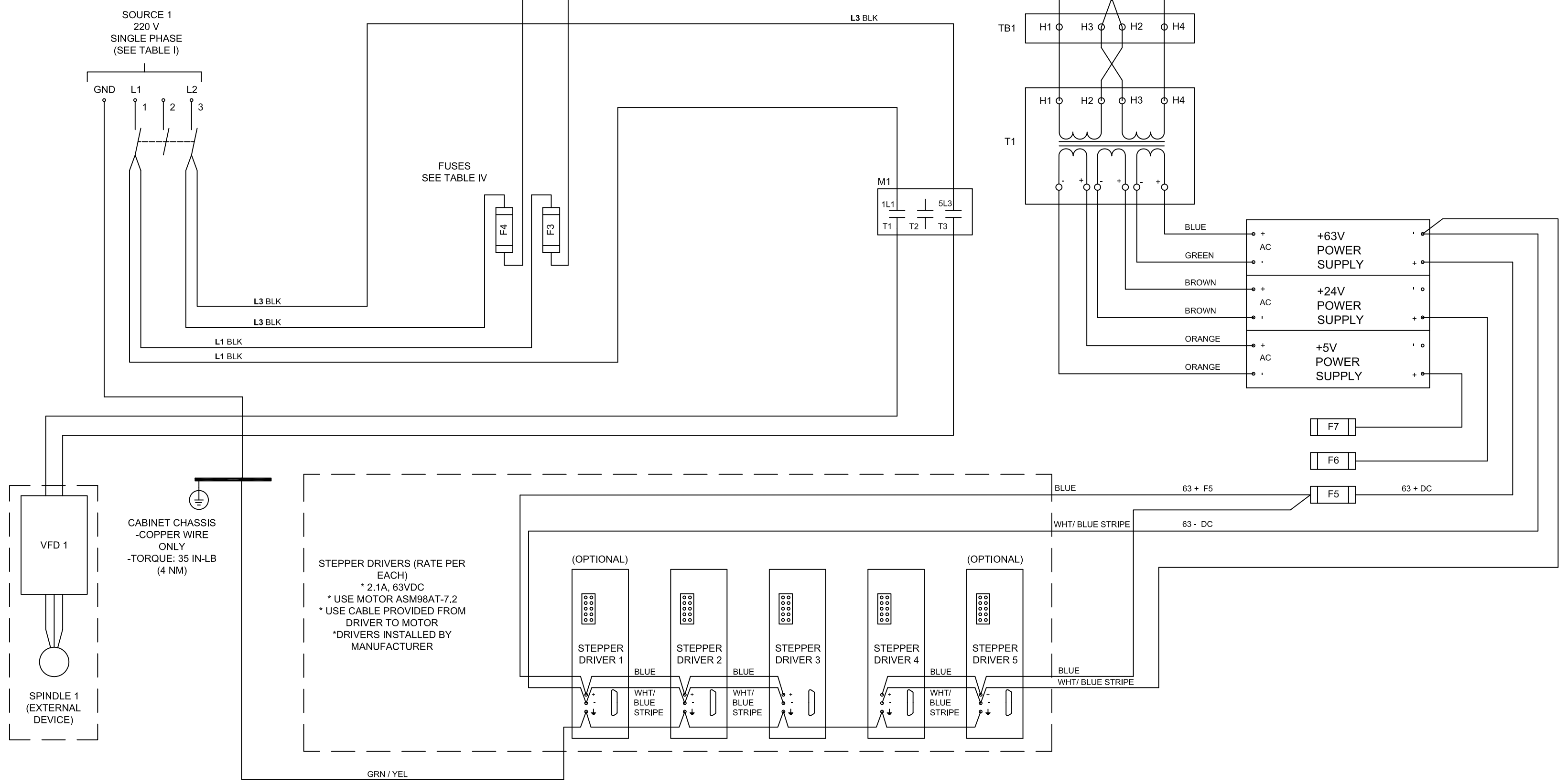
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CAUTION-RISK OF ELECTRIC SHOCK



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

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) *	WIRE TYPE *	SO CORD	SCREW TORQUE
○ 2.2 HP HSD	28.2 A	24 A	60 A	DISCONNECT 1,3	8	75 C COPPER	8	31 IN-LBS (3.5 NM)
○ 3 HP COLUMBO	24.8 A	20.6 A	60 A		10	WIRE ONLY	10	
○ 4 HP HSD	37.2 A	33 A	90 A		8		6	
○ 5 HP COLUMBO	38.2 A	34 A	90 A		8		6	

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	VFD	LOAD	FIELD WIRING TERMINALS	SO CORD	WIRE TYPE *	SCREW TORQUE
○ 2.2 HP HSD	CIMR-V7AU23P7	24 A	CONTACTOR M1-T1, T3	10	COPPER WIRE ONLY	14 IN-LBS (1.6 NM)
○ 3 HP COLUMBO	VFD-037B	20.6 A		10		
○ 4 HP HSD	CIMR-V7AU25P5	33 A		6		
○ 5 HP COLUMBO	VFD-075B	34 A		6		

FUSE NO.	RATING
F3	5A CLASS CC (LITTLE FUSE CCMR5A)
F4	5A CLASS CC (LITTLE FUSE CCMR5A)
F5	10A GLASS FUSE
F6	2A GLASS FUSE
F7	1A GLASS FUSE

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DIM UNITS: MM SCALE: NONE
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ShopBot
Durham, North Carolina

POWER DIAGRAM 10272-01

DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
DGC	29OCT09	CT	12JAN10	GAB	12JAN10
SIZE	DRAWING NUMBER		REV		
C	002618-00		0		
PART NUMBER			SHEET 1 OF 1		
002618-00					

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
0	ECO#190	29OCT09	DGC	SEE ECO FOR DETAIL OF CHANGES

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