

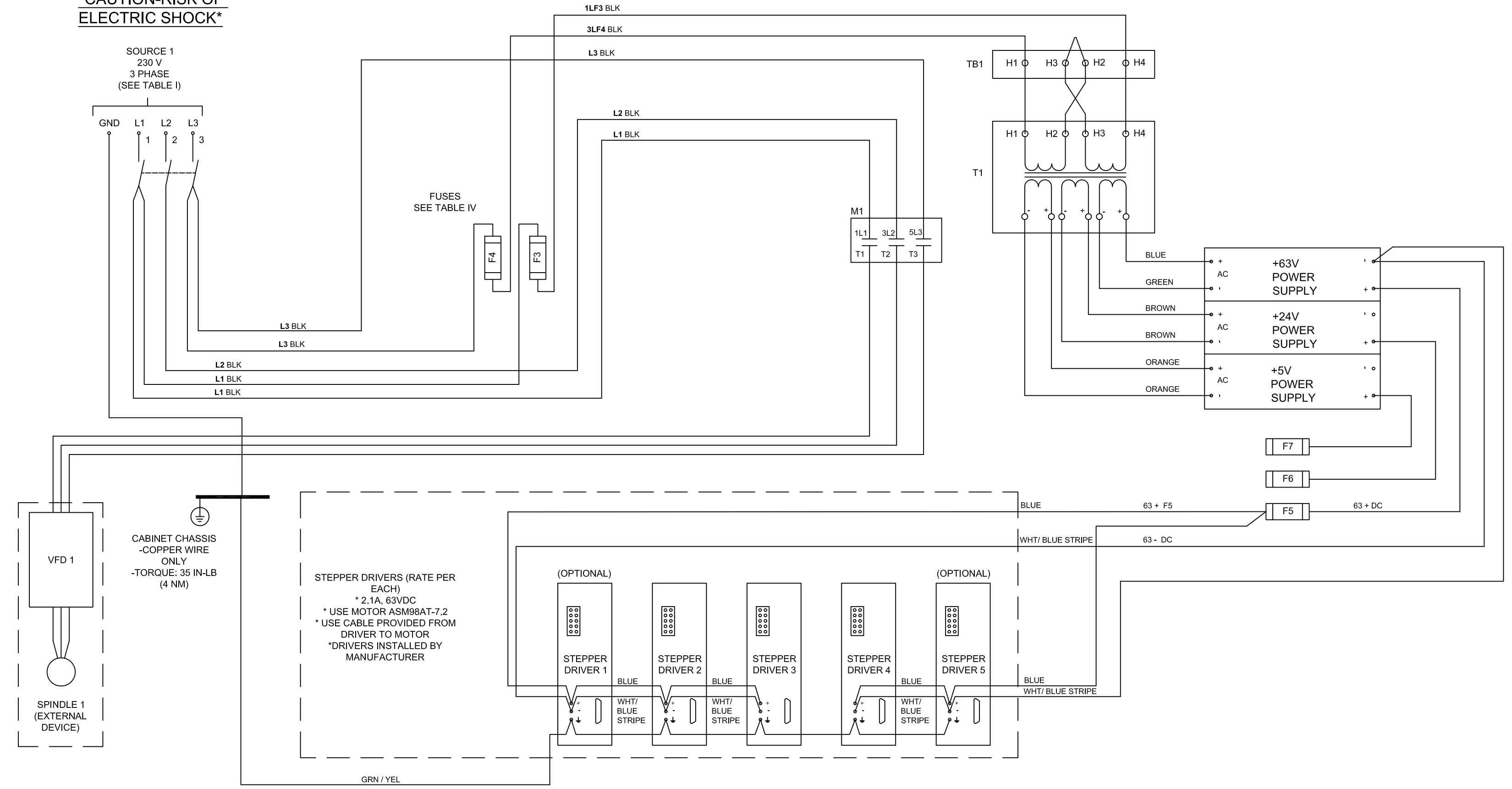
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CAUTION-RISK OF ELECTRIC SHOCK



CABINET CHASSIS
-COPPER WIRE ONLY
-TORQUE: 35 IN-LB (4 NM)

STEPPER DRIVERS (RATE PER EACH)
* 2.1A, 63VDC
* USE MOTOR ASM98AT-7.2
* USE CABLE PROVIDED FROM DRIVER TO MOTOR
* DRIVERS INSTALLED BY MANUFACTURER

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	17.3 A	15.1 A	40 A	DISCONNECT 1,2,3	10	75 C	12	31 IN-LBS (3.5 NM)
○ 3 HP COLUMBO	17.7 A	15.5 A	40 A		10	COPPER	12	
○ 4 HP HSD	26.2 A	24 A	60 A		8	WIRE ONLY	8	
○ 5 HP COLUMBO	22.8 A	20.6 A	60 A		10		8	

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-V7AU22P2	15 A	CONTACTOR M1- T1, T2, T3	12	COPPER WIRE ONLY	14 IN-LBS (1.6 NM)
○ 3 HP COLUMBO	VFD-022B	15.5 A		12		
○ 4 HP HSD	CIMR-V7AU23P7	24 A		8		
○ 5 HP COLUMBO	VFD-037B	20.6 A		8		

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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

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

POWER DIAGRAM 10273-01

DRAWN DGC	DATE 29OCT09	CHECKED CT	DATE 12JAN10	APPROVED GAB	DATE 12JAN10
SIZE C	DRAWING NUMBER 002619-00			REV 0	
PART NUMBER 002619-00			SHEET 1 OF 1		

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

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