

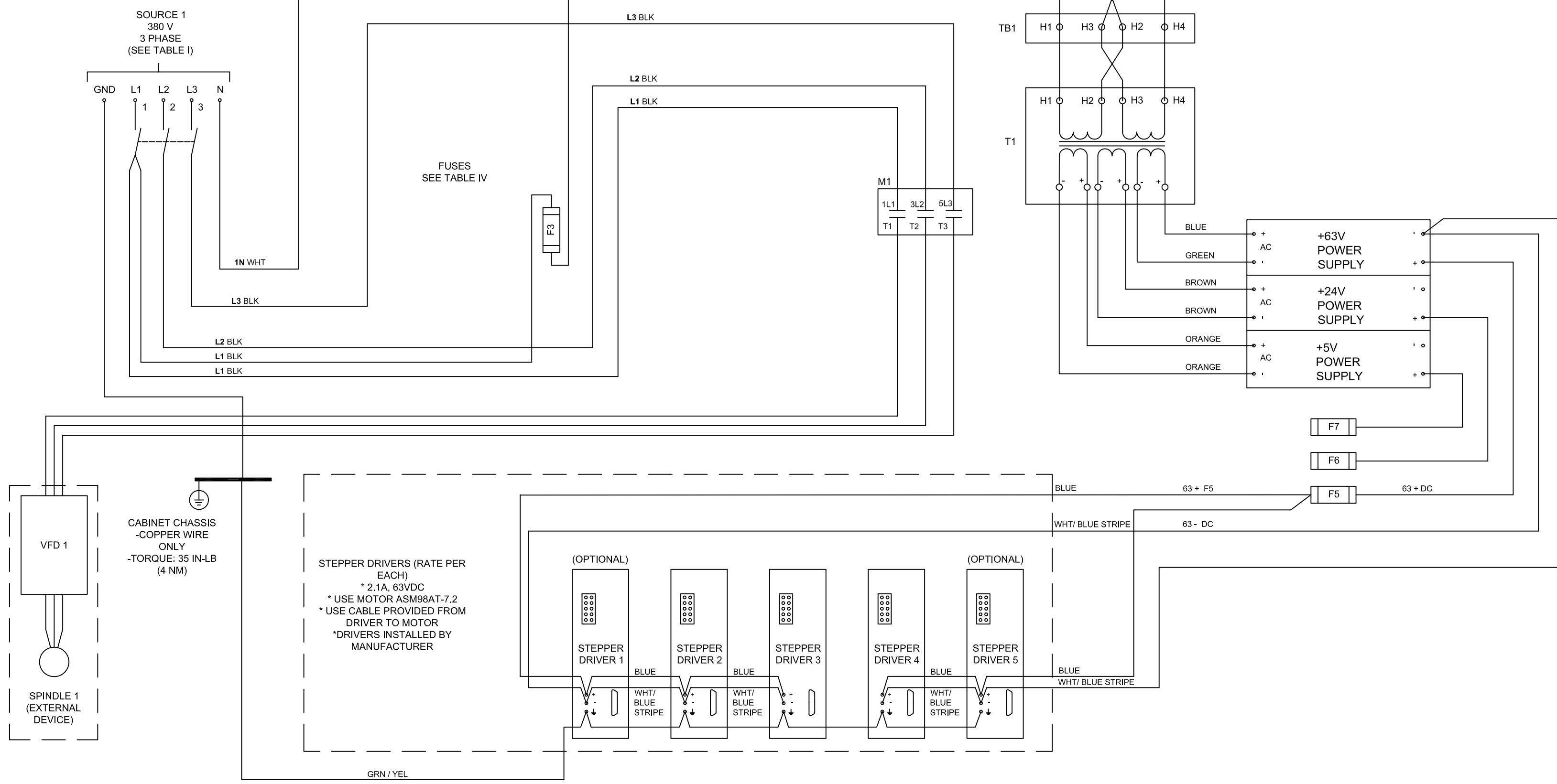
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CAUTION-RISK OF ELECTRIC SHOCK



VFD 1
 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

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 50HZ								
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
o 2.2 HP HSD	10.3 A	8.1 A	20 A	DISCONNECT 1,2,3,N	14	75 C COPPER WIRE ONLY	14	31 IN-LBS (3.5 NM)
o 3 HP COLUMBO	8.1 A	5.9 A	15 A					
o 4 HP HSD	14.2 A	12 A	30 A					
o 5 HP COLUMBO	13.4 A	11.2 A	30 A					

TABLE III

OUTPUT LOAD- 380V 3 PHASE 50HZ						
SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	VFD	LOAD	FIELD WIRING TERMINALS	SO CORD	WIRE TYPE *	SCREW TORQUE
o 2.2 HP HSD	CIMR-V7AU42P2	8.1 A	CONTACTOR M1-T1, T2, T3	14	COPPER WIRE ONLY	14 IN-LBS (1.6 NM)
o 3 HP COLUMBO	VFD-022B43A	5.9 A		16		
o 4 HP HSD	CIMR-V7AU43P7	12 A		14		
o 5 HP COLUMBO	VFD-037B43A	11.2 A		14		

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TABLE IV

FUSE NO.	RATING
F3	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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POWER DIAGRAM 10275-01

DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
DGC	29OCT09	CT	12JAN10	GAB	12JAN10
SIZE	DRAWING NUMBER				REV
C	002621-00				0
PART NUMBER				002621-00	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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