NOTE 4

WIRES AND CIRCUIT BREAKERS MUST BE RATED FOR THE CURRENT RATING OF THE DEVICES USED. REFER TO OWNERS MANUAL FOR SPECIFIED WIRE GAUGE AND CURRENT CAPACITY.

NOTE 2

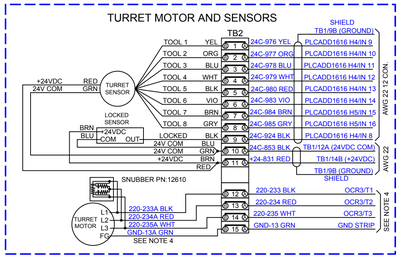
110VAC LUBE PUMP
Wire 110H-126 BLK connects from TB1/2B to OAK H11/OUT 2 COM.
Wire 110H-127 BLK connects to OAK H11/OUT 2.
Wire 110N-128 WHT connects to TB1/5B.
Wire GND-4 GRN connects to GND STRIP.

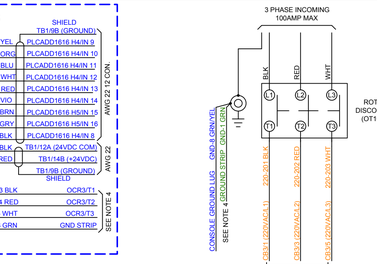
220VAC LUBE PUMP
220-226 BLK connects from CB7/2 to OAK H11/OUT 2 COM.
Wire 220-227 BLK connects to OAK H11/OUT 2.
Wire 220-228 WHT connects to CB7/4.
Wire GND-4 GRN connects to GND STRIP.

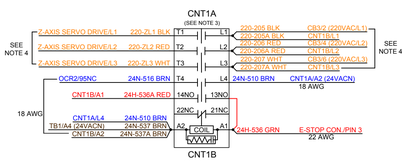
NOTE 3

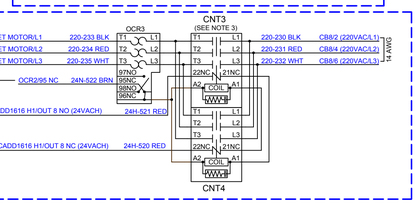
ALL CONTACTOR COILS REQUIRE A SNUBBER, EITHER CONTACTOR MANUFACTURERS RECOMMENDED SNAP ON SNUBBER OR CENTROID PN:1819 EXTERNAL QUENCHARC SNUBBER.

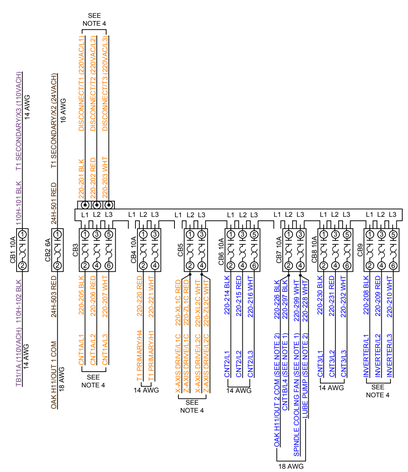
PART	(MFG PN:)	LOCATION
CB1	(NB1-D10-1P)	C3
CB2	(NB1-D6-1P)	C3
CB3	(SEE NOTE 4)	C3
CB4,CB7	(NB1-D10-2P)	D3
CB5	(SEE NOTE 4)	D3
CB6, CB8	(NB1-D10-3P)	D3
CB9	(SEE NOTE 4)	D3
CNT1A,CNT1B	(LC1D7408B7)	B2
CNT2	(LC1K0610B7)	B3
CNT3, CNT4	(LC2K0601B7)	B3,B4
DISCONNECT	(OT100F3)	B1
DOOR CLOSED SWITCH		A4
DOOR FAN		H4
E-STOP CONNECTOR		B5
E-STOP CON. PENDANT		E6
E-STOP SWITCH		B5
E-STOP SWITCH CONSOLE		B6
FLOOD PUMP MOTOR		A2
GROUND LUG		B1
GROUND STRIP		B4
GEAR RANGE SWITCHES		A2
INVERTER		H1
OPERATOR CONTROL PANEL		E6
LIMIT SWITCHES		A3
LIMIT SWITCH OPTIONS		G6
LUBE PUMP		A3
MIST OR CLAMP SOLENOID		A2
MPG CABLE		E6,F6
NOTE 1		H2
NOTE 2		A3
NOTE 3		B2
NOTE 4		C1
NUC	(PN:8520)	B6
OAK	(PN:13135)	E1-F4
OCR2	(LR2K0310)	B2
OCR3	(SEE NOTE 4)	B3
PC	(PN:11084)	B6,C6
PLCADD1616	(PN:11025)	G2 - H4
PROBE CABLE	(PN:11211)	F6
PS1	(RQ-65D)	E4
PS2	(S-25-24)	E5
PS3	(RT-50B)	E4
SERVO DRIVES		F4-G5
SNUBBER FOR CNT1	(LAD4RCE)	B2
SNUBBER FOR CNT2	(LA4KE1B)	B3
SPINDLE COOLING FAN		H2
SPINDLE MOTOR		H1
T1	(PN:4953)	C4
TB1		D1,D2
TB2		A1
TURRET MOTOR AND SENSORS		A1
WORK LIGHT		A2
X-AXIS BRAKE CONNECTOR		E5
Z-HOME SWITCH		A4

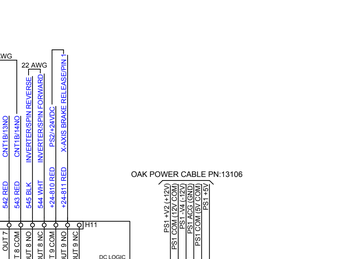


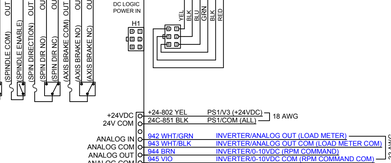


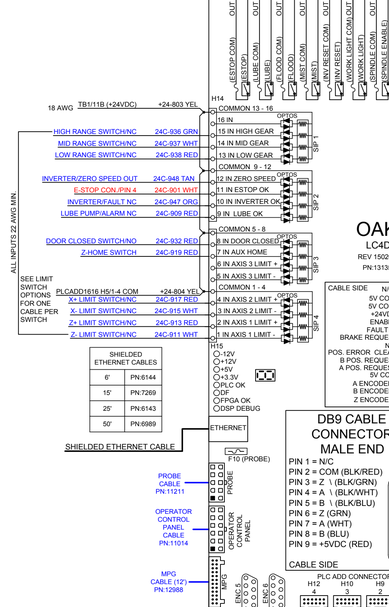


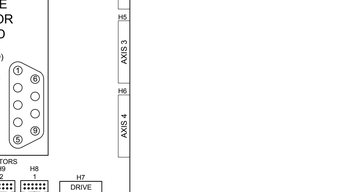


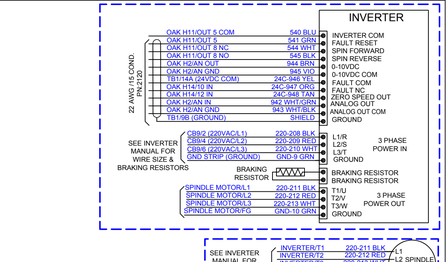


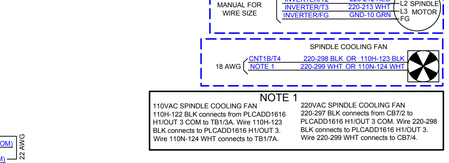


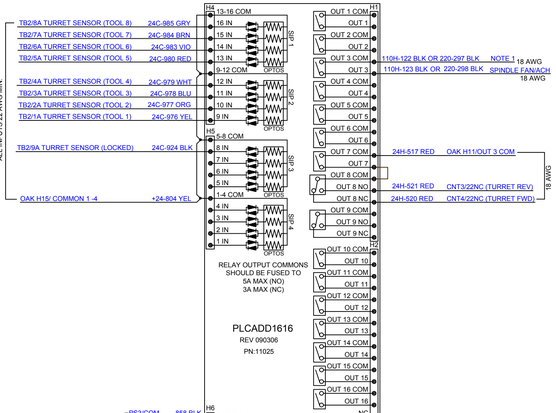


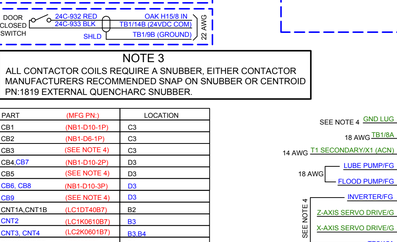


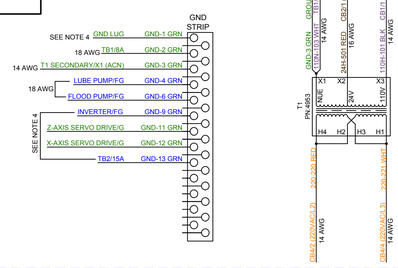


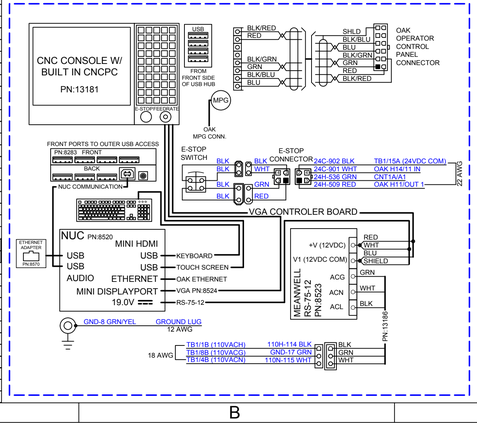


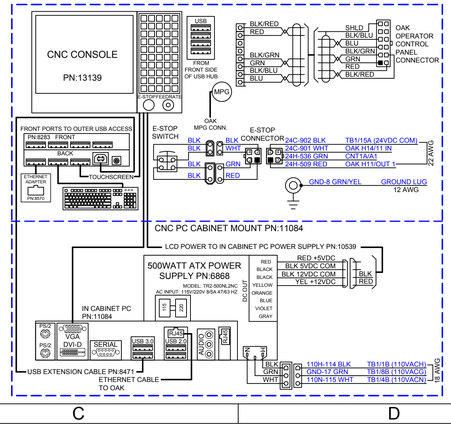


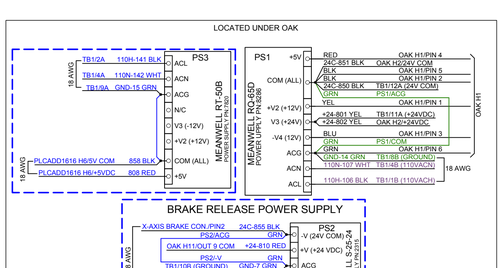


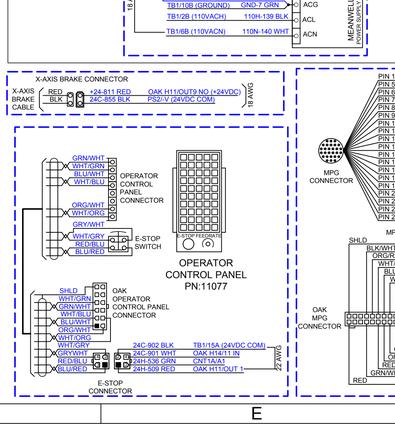


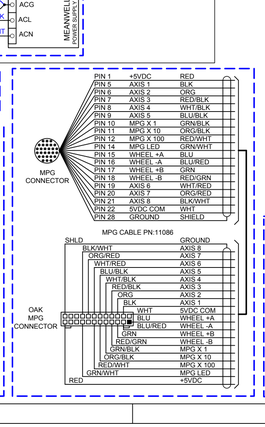


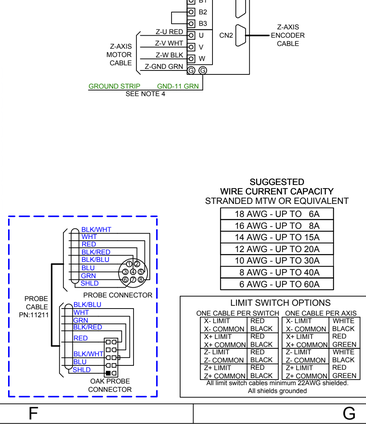











MPG CONNECTOR
PIN 1 +5VDC RED
PIN 2 AXIS 1 BLK
PIN 3 AXIS 2 ORG
PIN 4 AXIS 3 RED/BLK
PIN 5 AXIS 4 WHT/BLK
PIN 9 AXIS 5 BLU/BLK
PIN 10 MPG X 1 GRN/BLK
PIN 11 MPG X 10 ORG/BLK
PIN 12 MPG X 100 RED/WHT
PIN 14 MPG LED GRN/WHT
PIN 15 WHEEL +A BLU
PIN 16 WHEEL -A BLU/RED
PIN 17 WHEEL +B GRN
PIN 18 WHEEL -B RED/GRN
PIN 19 AXIS 6 WHT/RED
PIN 20 AXIS 7 ORG/RED
PIN 21 AXIS 8 BLK/WHT
PIN 22 5VDC COM WHT
PIN 28 GROUND SHIELD
MPG CABLE PN:11086
SHLD
BLK/WHT
ORG/RED
BLU/BLK
WHT/BLK
RED/BLK
ORG
BLK
GRN
RED/GRN
GRN/BLK
ORG/BLK
RED/WHT
GRN/WHT
GROUND
AXIS 8
AXIS 7
AXIS 6
AXIS 5
AXIS 4
AXIS 3
AXIS 2
AXIS 1
5VDC COM
WHEEL +A
WHEEL -A
WHEEL +B
WHEEL -