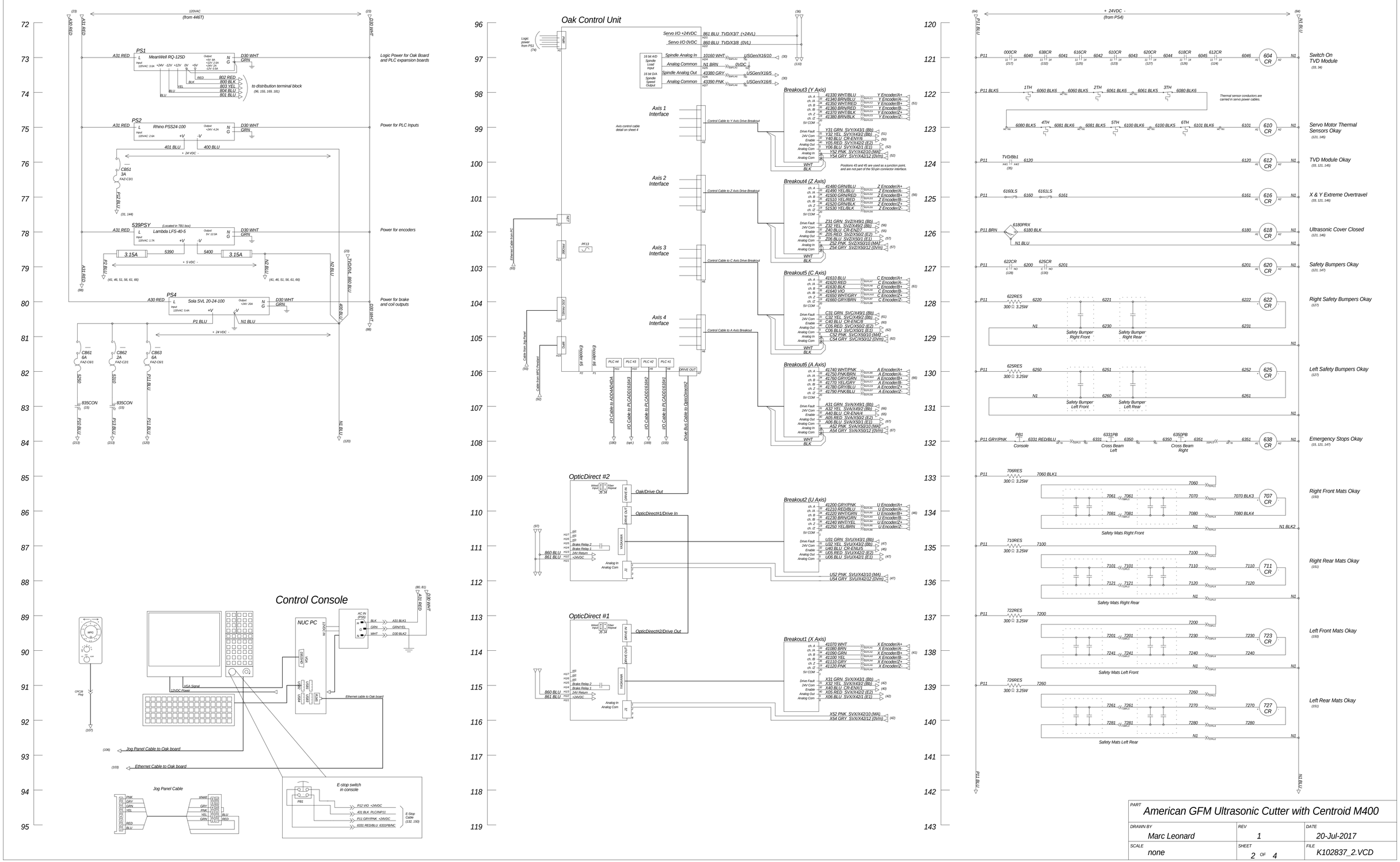
Logic Power for Oak Board and PLC expansion boards
Power for PLC Inputs
Power for encoders
Power for brake and coil outputs
PS1 MeanWell RQ-125D
PS2 Rhino PSS24-100
539PSY Lamboda LFS-40-5
PS4 Sola SVL 20-24-100
120VAC (from 446T)
+ 24VDC - (from PS4)
to distribution terminal block (96, 155, 169, 181)
Oak Control Unit
Axis 1 Interface
Axis 2 Interface
Axis 3 Interface
Axis 4 Interface
Breakout3 (Y Axis)
Breakout4 (Z Axis)
Breakout5 (C Axis)
Breakout6 (A Axis)
Breakout2 (U Axis)
Breakout1 (X Axis)
OpticDirect #2
OpticDirect #1
Control Console
NUC PC
Jog Panel Cable
E-stop switch in console
Switch On TVD Module
Servo Motor Thermal Sensors Okay
TVD Module Okay
X & Y Extreme Overtravel
Ultrasonic Cover Closed
Safety Bumpers Okay
Right Safety Bumpers Okay
Left Safety Bumpers Okay
Emergency Stops Okay
Right Front Mats Okay
Right Rear Mats Okay
Left Front Mats Okay
Left Rear Mats Okay
American GFM Ultrasonic Cutter with Centroid M400
DRAWN BY Marc Leonard
REV 1
DATE 20-Jul-2017
SCALE none
SHEET 2 OF 4
FILE K102837_2.VCD