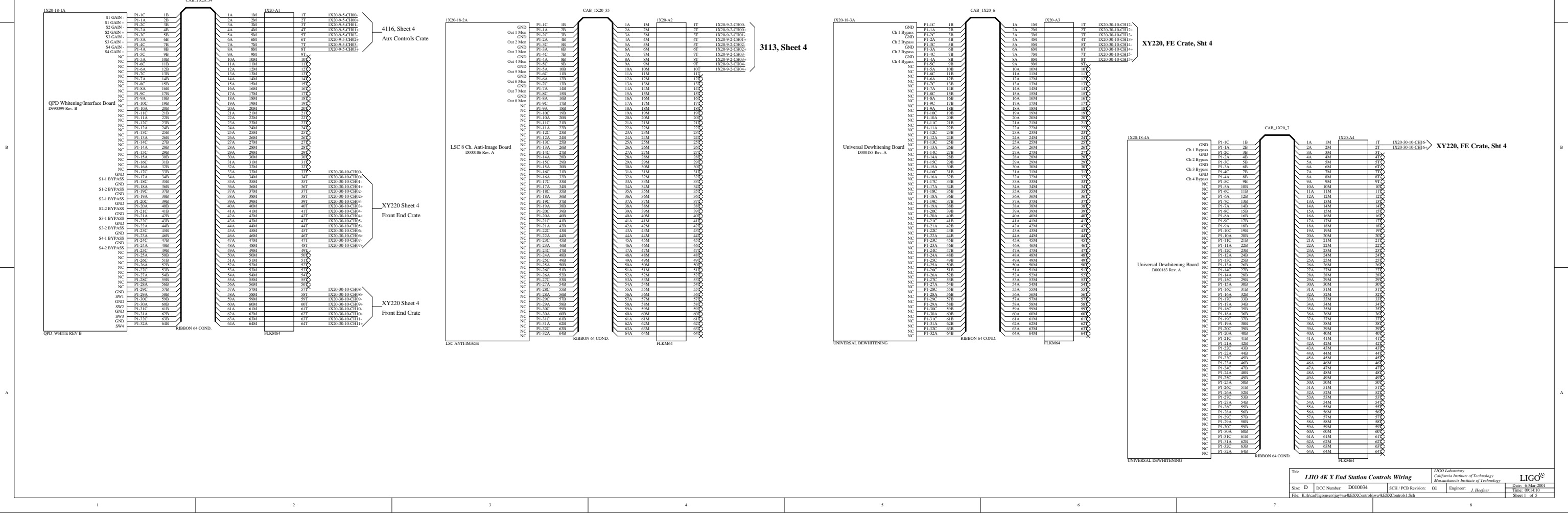
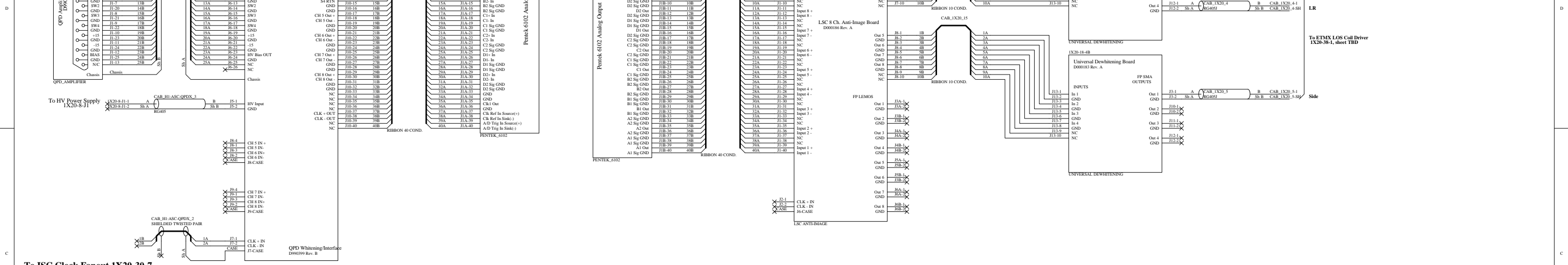
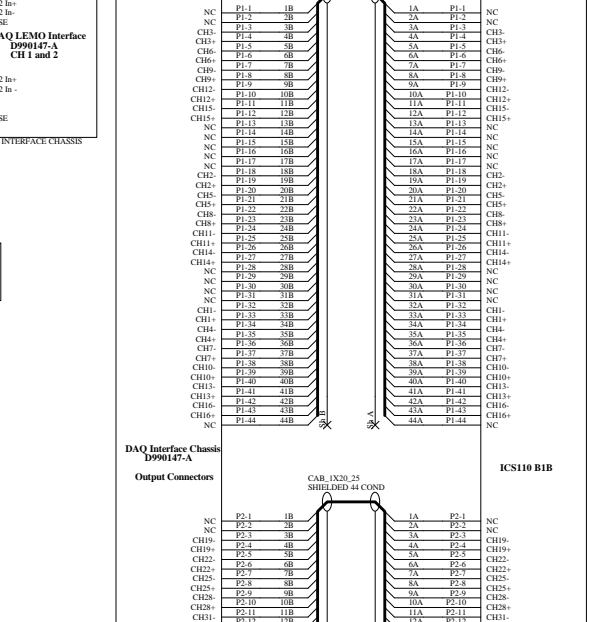
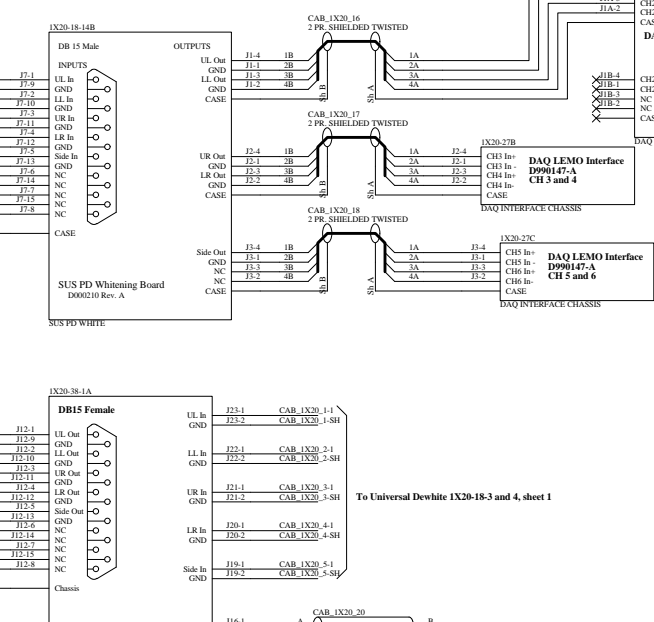
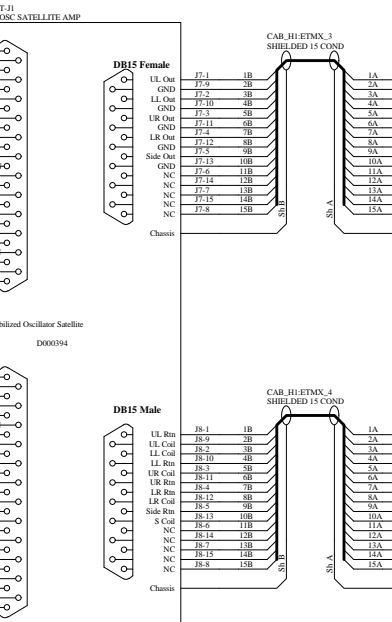
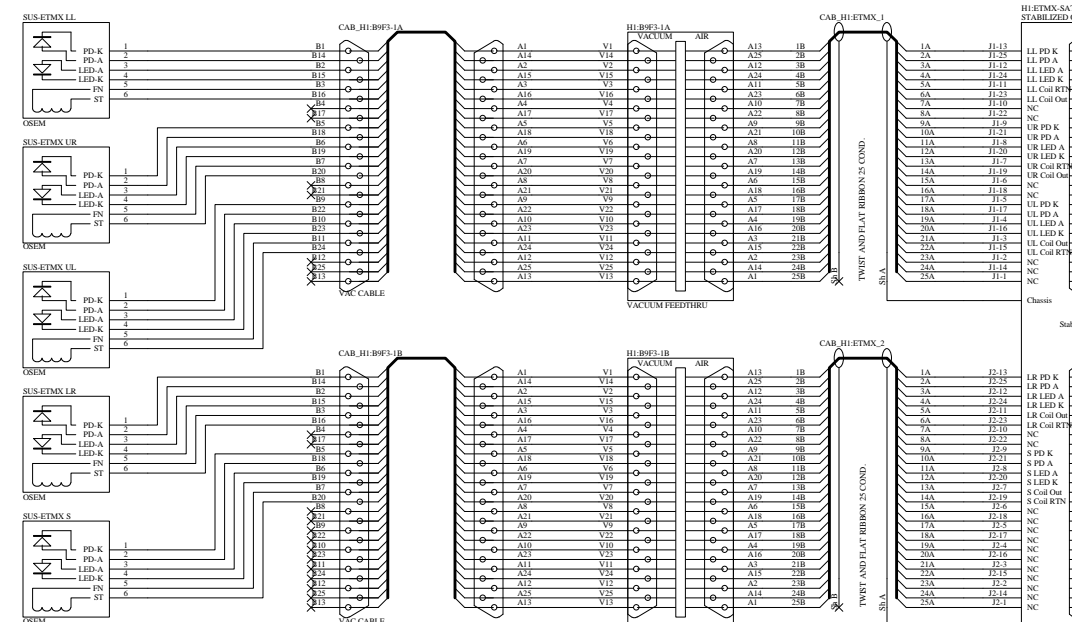


Note: These drawings cover both the LHO 4K X and Y End Stations. The cable numbers and device names shown are for the X end. The Y end cable numbers and device names should be substituted accordingly. The Y end rack number is 1Y21. The QPD is QPDY, the LOS is ETTY, etc.

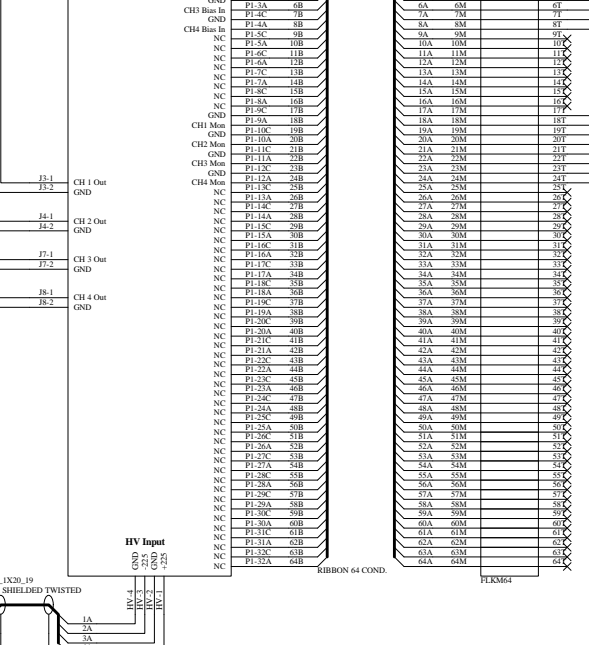
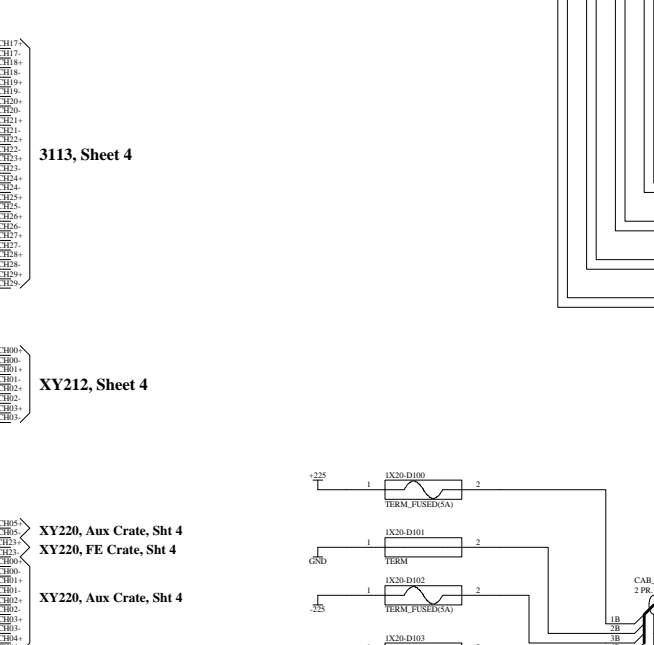
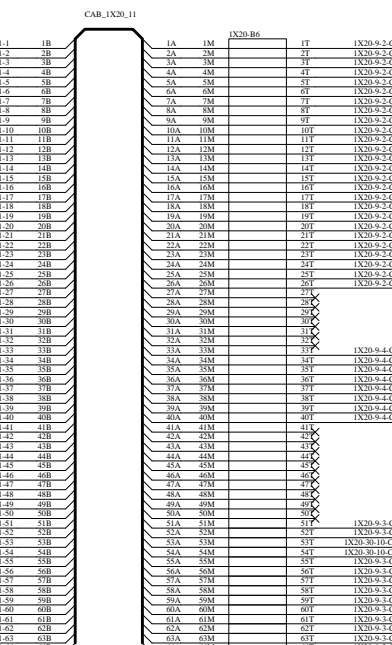
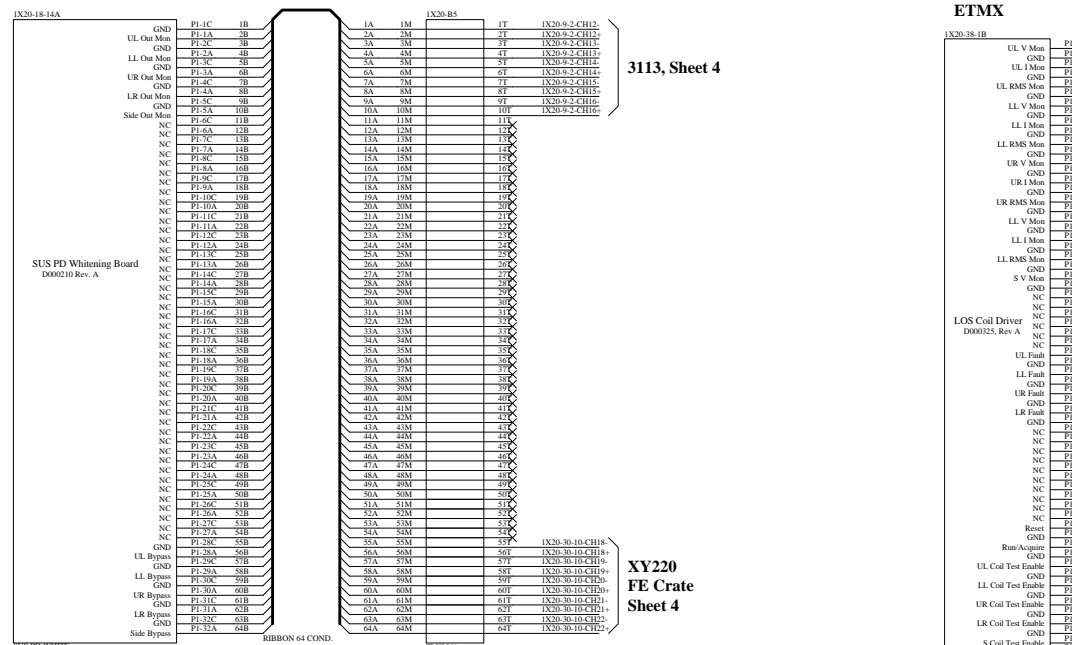


ETMX



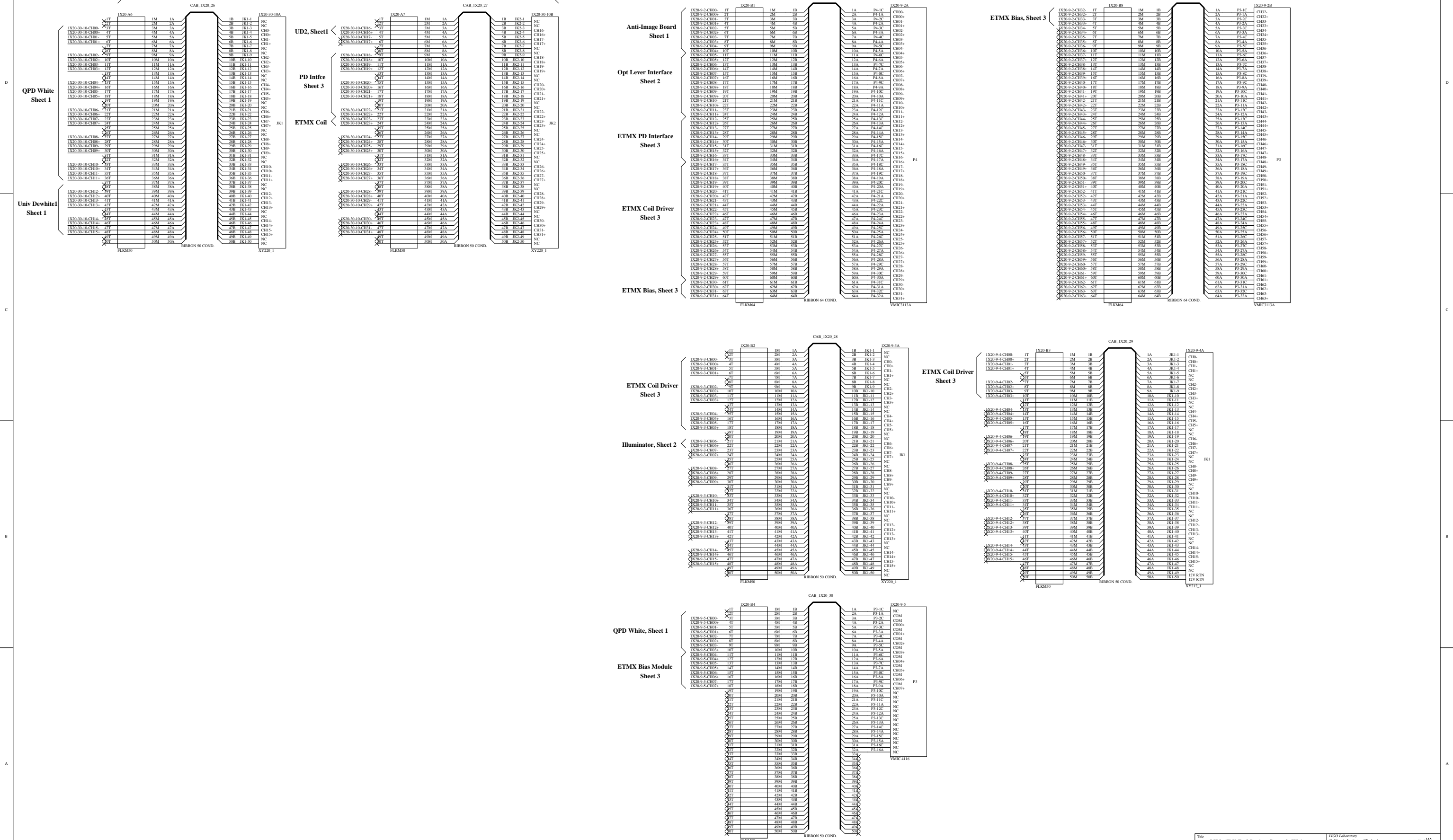
Channel Assignments table with columns for Channel # and Signal. Lists channels 1 through 31 and their corresponding signals like ETMX UL PD, ETMX LR PD, etc.

ETMX



Channel Assignments table for sheets 4, 4116, and 4117, listing channels and signals.

XY220 in FE Input Crate 1X22-9-14



UD2, Sheet 1

PD Intfcae Sheet 3

ETMX Coil

Anti-Image Board Sheet 1

Opt Lever Interface Sheet 2

ETMX PD Interface Sheet 3

ETMX Coil Driver Sheet 3

ETMX Bias, Sheet 3

ETMX Bias, Sheet 3

ETMX Coil Driver Sheet 3

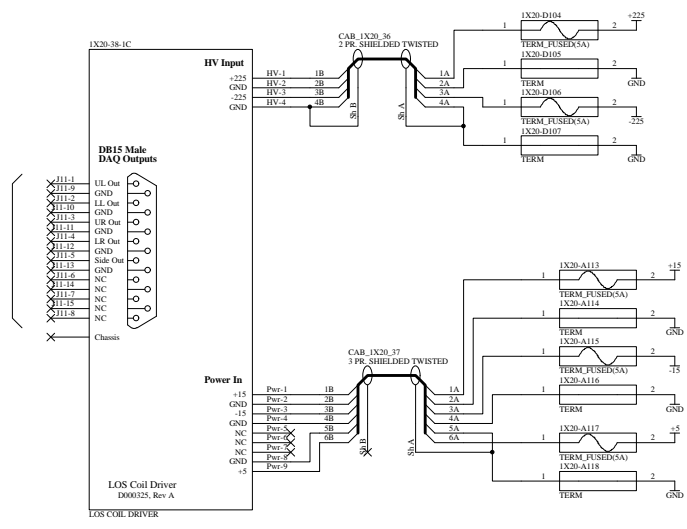
ETMX Coil Driver Sheet 3

Illuminator, Sheet 2

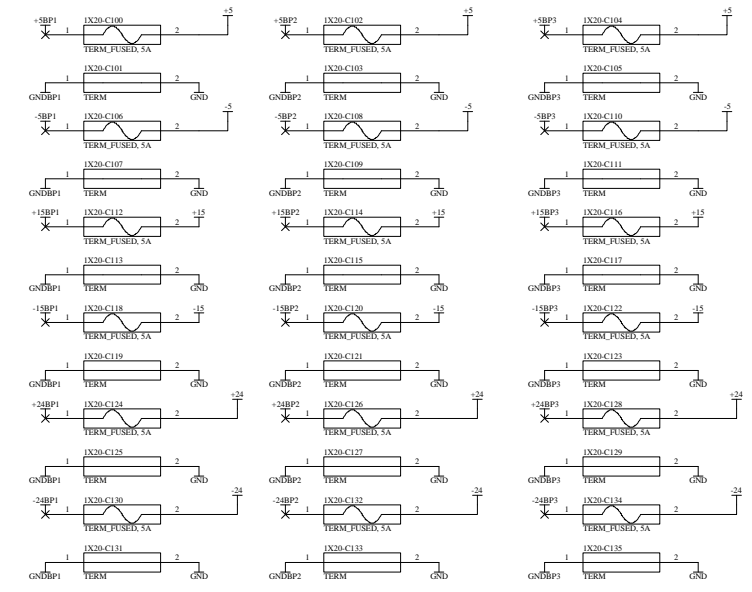
QPD White, Sheet 1

ETMX Bias Module Sheet 3

DAQ Interface Module TBD



Note:
 Power Connections for Eurocard modules are made through the backplane and are designated as XXXBP1. Bulk power supply connections to the eurocard backplane lugs are designated +XX.



1

2

3

4

5

6

wa4kESXControls1
wa4kESXControls1.Sch



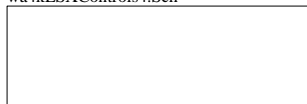
wa4kESXControls2
wa4kESXControls2.Sch



wa4kESXControls3
wa4kESXControls3.Sch



wa4kESXControls4
wa4kESXControls4.Sch



wa4kESXControls5
wa4kESXControls5.Sch



D

D

C

C

B

B

A

A

Title		<i>LHO 4K X End Station Controls Wiring</i>		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO	
Size: B	DCC Number: D010034	SCH / PCB Revision: 01	Engineer: J. Heefner	Date: 6-Mar-2001	Time: 09:14:02		
File: K:\h\cad\ligo\users\jay\wa4kESXControls\wa4kESXControls.Prj				Sheet 0 of 5			

1

2

3

4

5

6