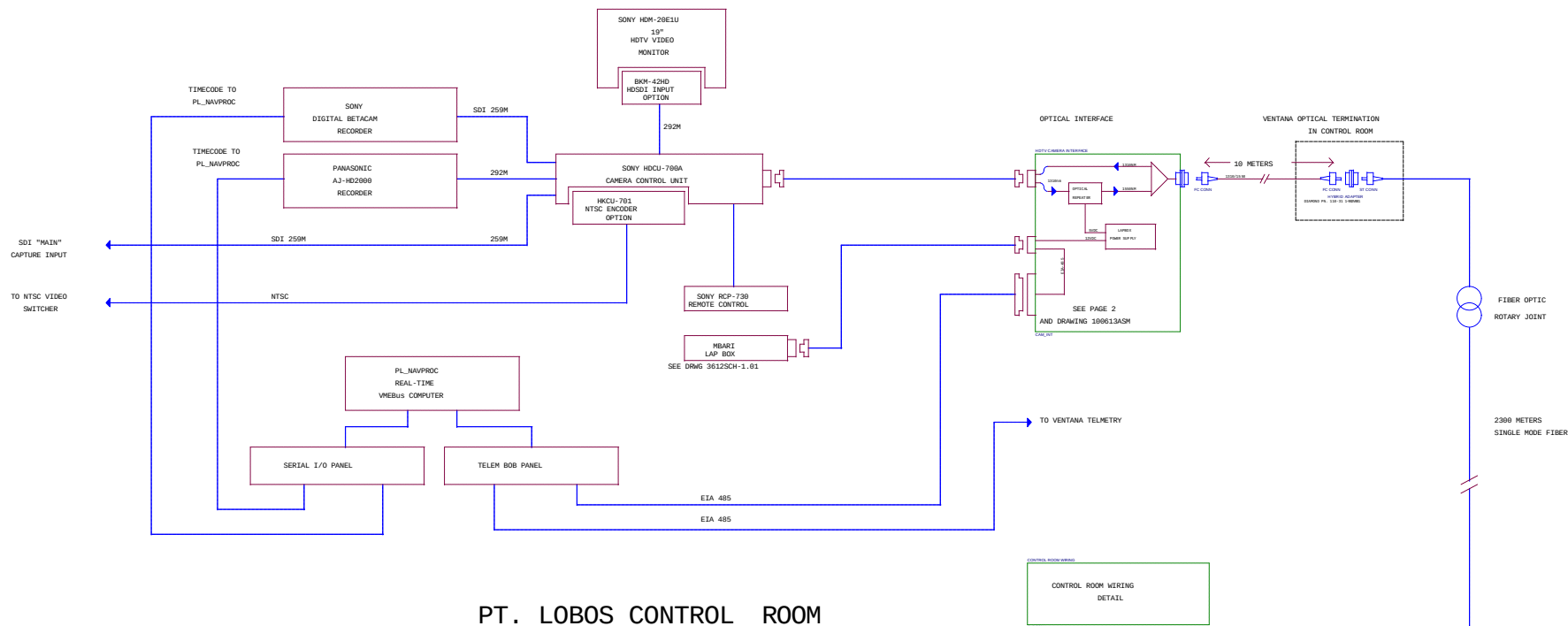
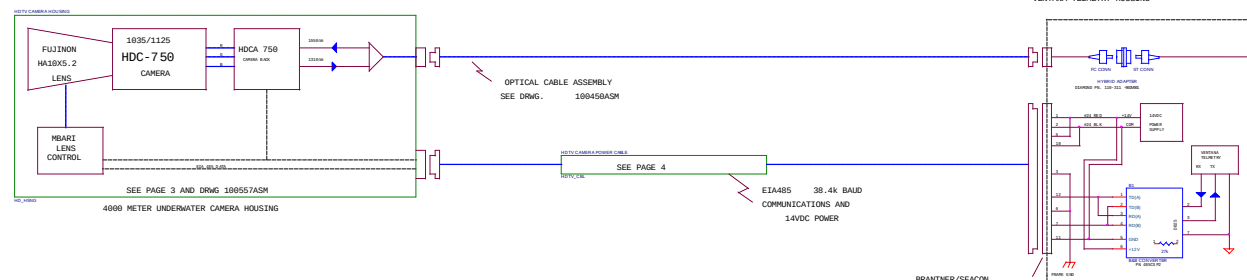




VENTANA

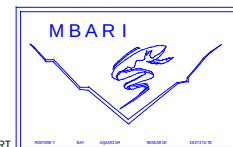


DRAWING REFER ENCE

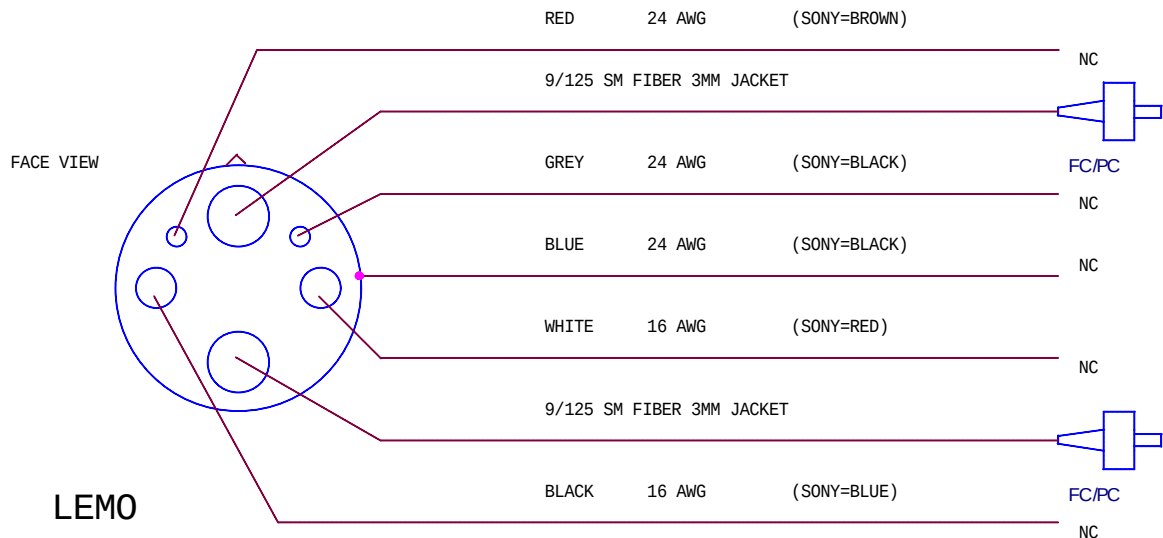
NAME	NUMBER	FILENAME	TYPE	DESCRIPTION
VENTANA HDTV CAMERA SYSTEM	100496ASM PAGE 1	HDTV_750.SCH	ORCAD	CAMERA SYSTEM BLOCK DIAGRAM
HDTV CAMERA INTERFACE	100496ASM PAGE 2	CAM_INT.SCH	ORCAD	CONTROL ROOM CAMERA INTERFACE ASSEMBLY
HDTV CAMERA SCHEMATIC	100496ASM PAGE 3	HD_HSG.SCH	ORCAD	HDTV CAMERA HOUSING ASSEMBLY
HDTV CAMERA CABLE SCHEMATIC	100496ASM PAGE 4	HDTV_CBL.SCH	ORCAD	HD CAMERA TO VENTANA CABLE
HDTV INTERFACE CONNECTOR	100496ASM PAGE 5	LEMO_HD.SCH	ORCAD	HDTV INTERFACE CONNECTOR SPECIFICATION
HDTV CONTROL ROOM WIRING	100496ASM PAGE 6	C_ROOM.SCH	ORCAD	VENTANA CONTROL ROOM DETAILED HDTV WIRING SCHEMATIC
HDTV CAMERA HOUSING MECH. SPEC.	100515ASM	CAMERA_750_SIZE	ME10	HOUSING SPEC. FOR DIAMETER, LENGTH AND CONNECTOR PLACEMENT
HDTV CAMERA CABLE ASSEMBLY	100450ASM	FD_CONN_HD	ME10	CAMERA HOUSING TO HDV OPTICAL CABLE ASSEMBLY
HDTV CAMERA CHASSIS MECH. SPEC.	100557ASM	HDTV_PG1, 2, 3, 4	ME10	CAMERA HOUSING INTERNAL CHASSIS ASSEMBLY
CAMERA LAPBOX (PAUL MCGILL)	3612SCH		ORCAD	CAMERA CONTROL LAPBOX, TIBURON MODEL
HDTV INTERFACE CHASSIS MECH. SPEC.	100613ASM	HDTV_INTER_CHASSIS	ME10	CAMERA INTERFACE CHASSIS ASSEMBLY

BRANTNER/SEACON
PN KINK-19W22-FOR

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VENTANA HDTV C AMERA SYSTEM	
PROJECT: HDTV 7.50	DATE: 10/01/00
DESIGN: J. M. B. (JMB)	DATE: 10/01/00
100496ASY	
1 OF 4	



← 0.5 METER PIGTAILS →

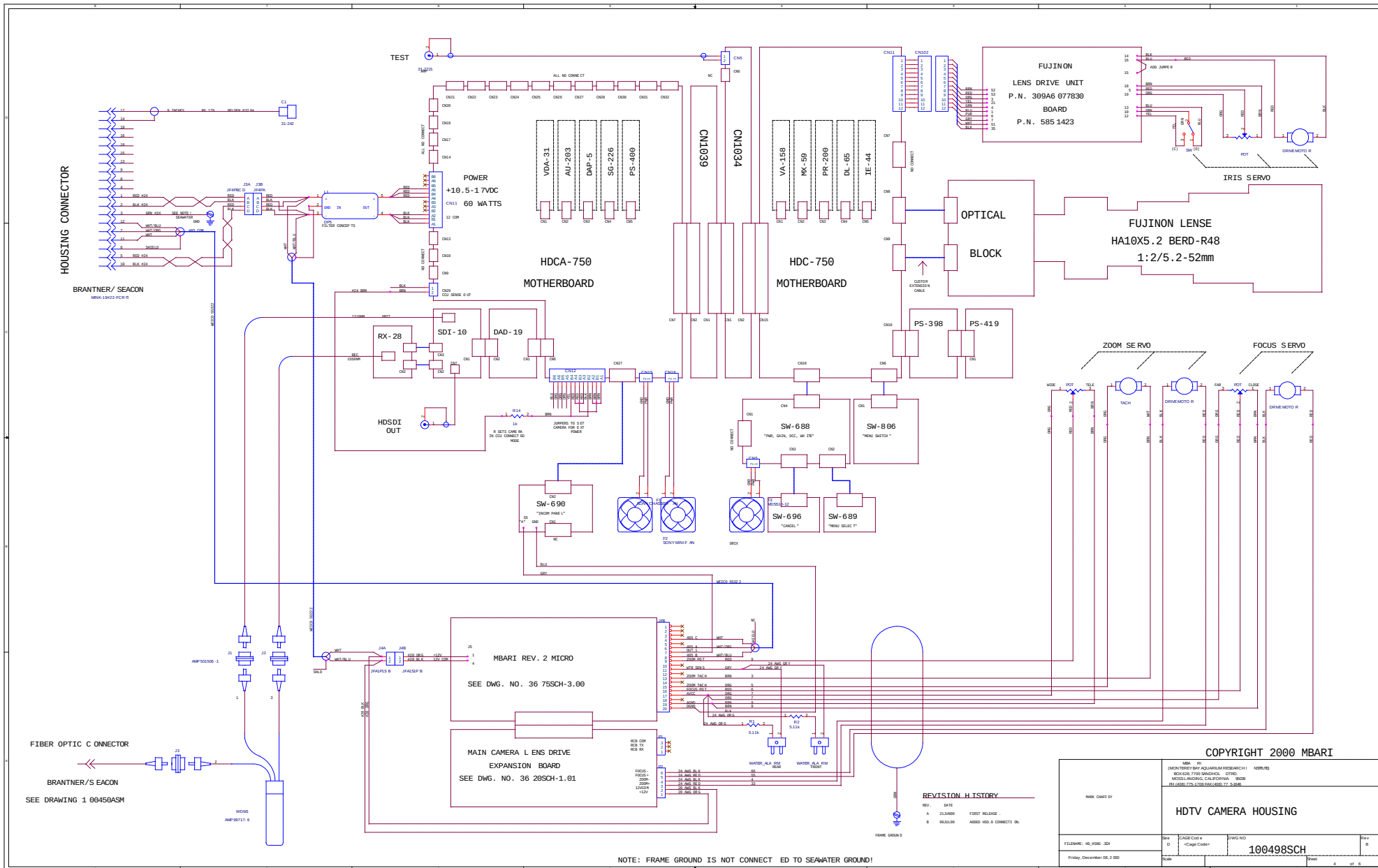
LEMO CONNECTOR TERMINATION SCHEMATIC

SUPPLIER: MOHAWK/CDI

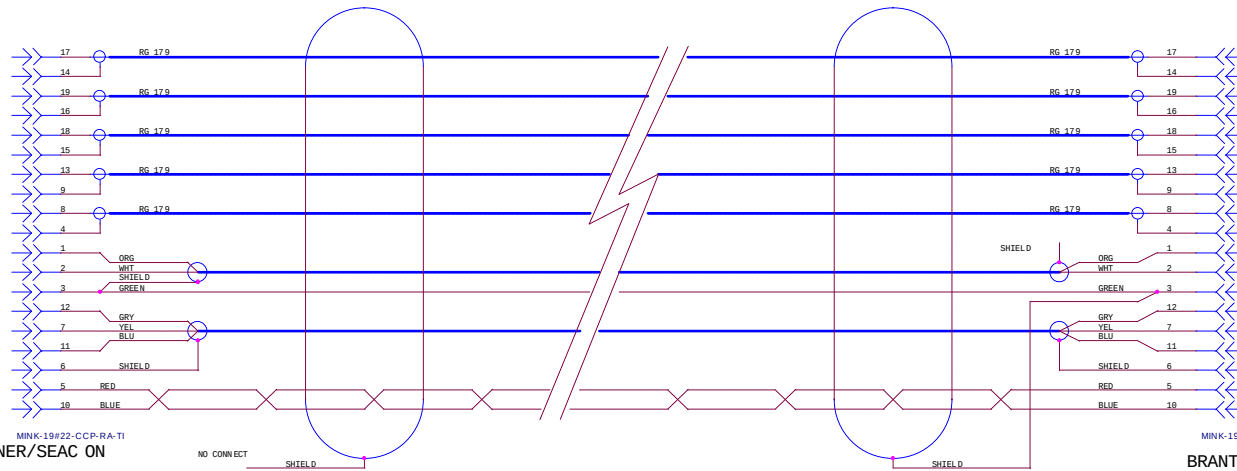
9 MOHAWK DRIVE, LEOMINSTER, MA 01453
PH 800 422-9961

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ENGINEER: MARK CHAFFEY	MBARI (MONTEREY BAY AQUARIUM RESEARCH INSTITUTE) BOX 628, 7700 SANDHOLDT RD. MOSSLANDING, CALIFORNIA 95039 PH (408) 775-1708 FAX (408) 775-1646			
	HDTV CAMERA INTERFACE			
FILENAME: LEMO_HD.SCH	Size A	CAGE Code <Cage Code>	DWG NO 100497ASM	Rev A
Friday, December 08, 2000	Scale	Sheet 3 of 6		



CAMERA CONNECTOR



ROV CONNECTOR

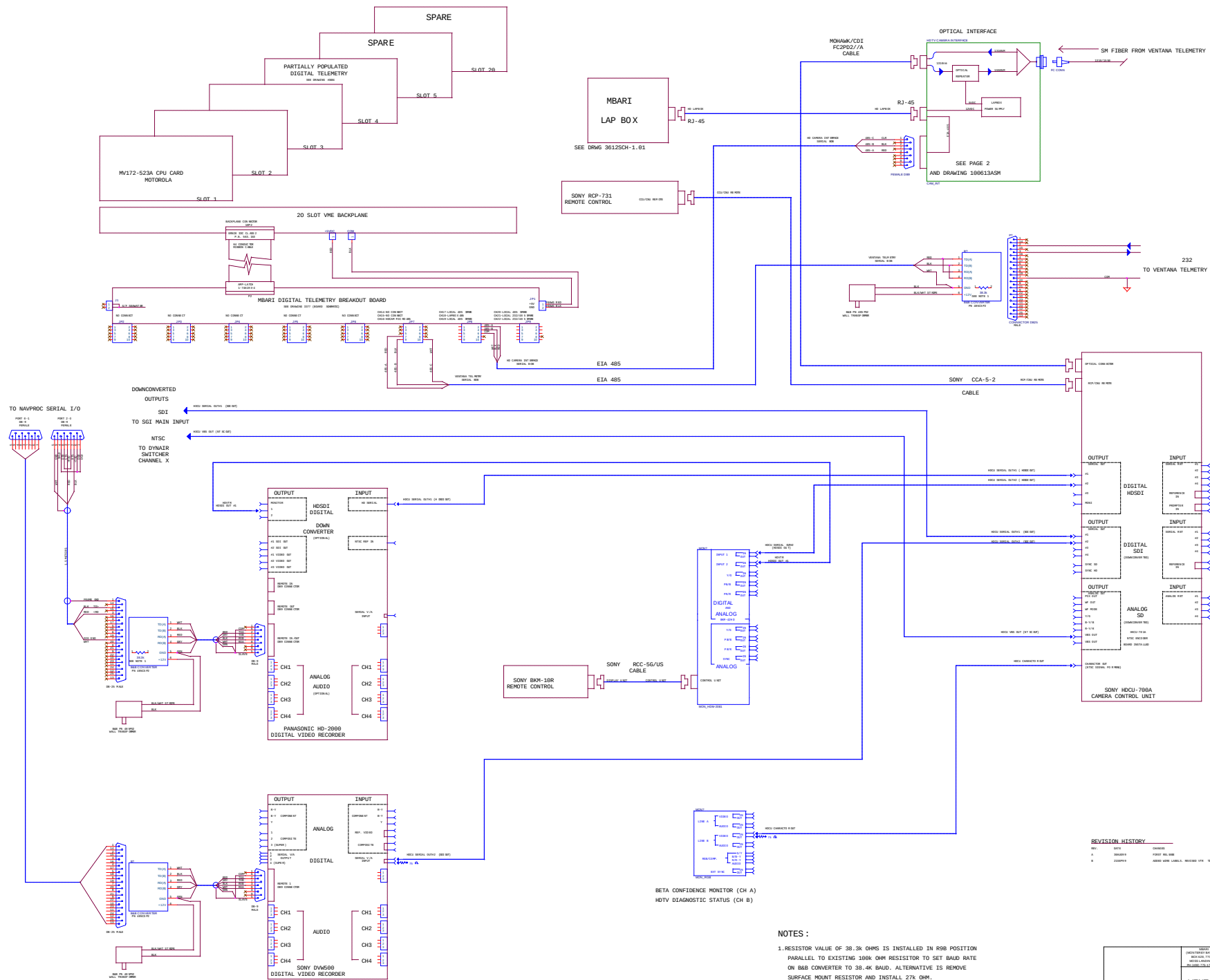
HDTV CAMERA TO VENTANA POWER/DATA CABLE

REVISION HISTORY

REV. A 18MAY99
REV. B 03JUN99 DISCONNECTED TWISTED PAIR SHIELD FROM ROV SIDE.

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	VENTANA HDTV CAMERA SYSTEM			
FILENAME: HDTV_CBL_SCH	Size C	CAGE Code <Cage Code>	DWG NO 100496AS Y	Rev B
Friday, December 08, 2000	Scale	Sheet 5	of 6	



NOTES :

1. RESISTOR VALUE OF 38.3K OHMS IS INSTALLED IN R98 POSITION PARALLEL TO EXISTING 100K OHM RESISTOR TO SET BAUD RATE ON B&B CONVERTER TO 38.4K BAUD. ALTERNATIVE IS REMOVE SURFACE MOUNT RESISTOR AND INSTALL 27K OHM.

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MARK CHAFFEY		VENTANA CONTROL ROOM HDTV WIRING	
DATE	08/01/96	REVISED	100496A SM
BY	MARK CHAFFEY	DATE	08/01/96
CHKD	MARK CHAFFEY	DATE	08/01/96