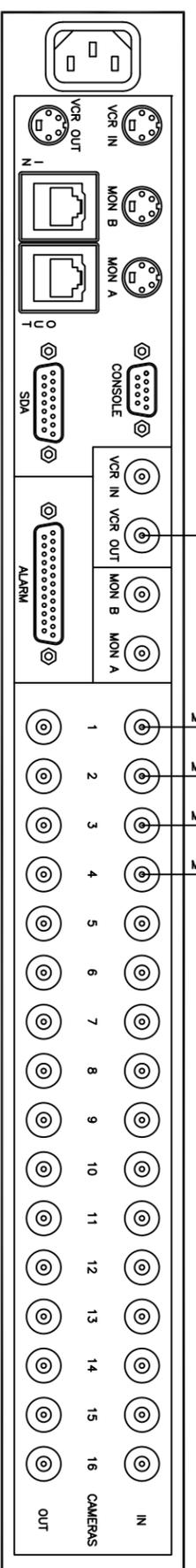
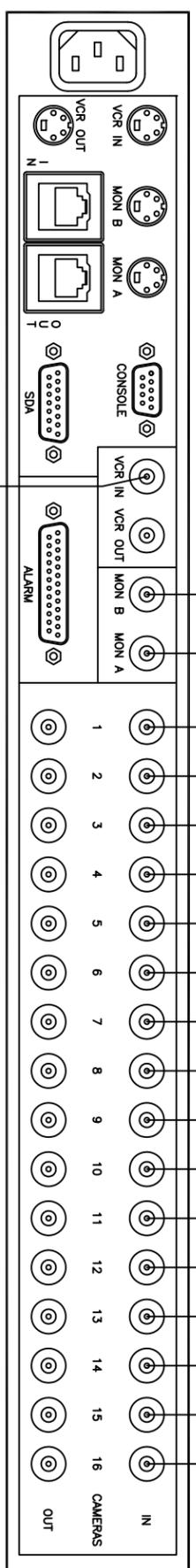
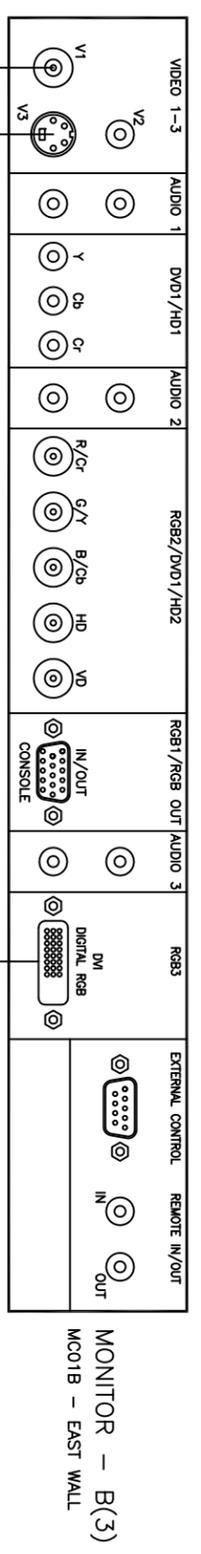
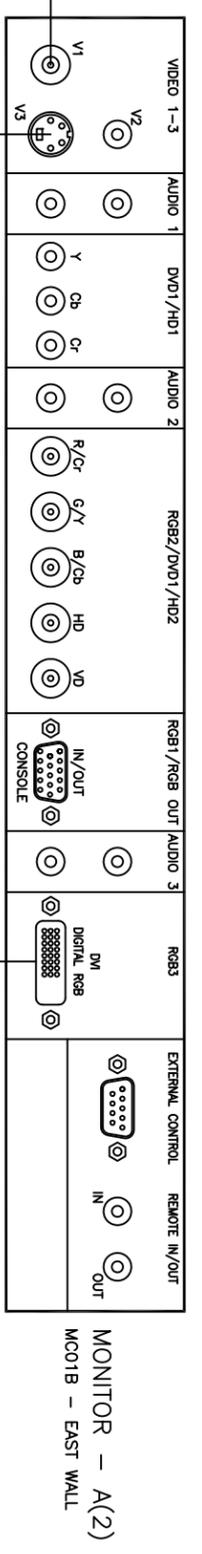


REV.	REVISIONS	DRAWN	DATE	APPROVED



- NOTES:
- FOR LOCATION OF EQUIPMENT SEE THE FOLLOWING DRAWINGS:
    - A) INJ. ACCESS ROOM NORTH AND WEST WALL DETAILS - JEFFERSON LAB DWG NO. S0014D001.
    - B) NORTH LINAC ACCESS ROOM SOUTH AND WEST WALLS - JEFFERSON LAB DWG NO. S0025D00.
    - C) SOUTH ACCESS ROOM NORTH AND EAST WALL DETAILS - JEFFERSON LAB DWG NO. S0094D001.
    - D) MCC SAFETY CONSOLE LAYOUT - JEFFERSON LAB DWG NO. S0045D001.
    - E) W1 BLDG. INTERCONNECTION RACK - JEFFERSON LAB DWG NO. S0090D001.
    - F) BEAM SWITCHBOARD ACCESS BLDG. EQUIPMENT LAYOUT - JEFFERSON LAB DWG NO. S0152D001.

- MULTIPLEXER IS PHILLIPS MODEL NO. LTC2682/90.
- ALL FIBER OPTIC CABLE IS 62.5/125 UM MULTIMODE UNLESS OTHERWISE SPECIFIED.
- WHEN CAMERA 17 IS TO BE CONNECTED TO MULTIPLEXER, CABLE NO. MC01.5720 IS DISCONNECTED FROM CH. 10 AND CABLE NO. MC01.5766 IS CONNECTED TO CH. 10.
- WHEN CAMERA 18 IS TO BE CONNECTED TO MULTIPLEXER, CABLE NO. MC01.5718 IS DISCONNECTED FROM CH. 12 AND CABLE NO. MC01.5767 IS CONNECTED TO CH. 12.
- CABLES ARE ROUTED THROUGH EQUIPMENT ROOM AND UNDER MCC CONTROL ROOM FLOOR TO PSS CONSOLE.

FOR CONT. SEE SH. 2 ZONE BB  
 FOR CONT. SEE SH. 3 ZONE 7A  
 FOR CONT. SEE SH. 4 ZONE 6A

MULTIPLEXER  
 (PRIMARY)  
 MC01B23-04

MULTIPLEXER  
 (SECONDARY)  
 XXXXBX-XX

TAGGER ACCESS  
 HALL D ACCESS  
 } FOR CONT. SEE SH. 5 ZONE 7A

PHILLIPS/BOSCH LTC2682/90 MULTIPLEXER

- VCR IN/OUT - S VIDEO(-HS VCR)
- MON A/MON B - S VIDEO(MONITORS)
- IN/OUT - REMOTE KEYBOARD(RU-45)
- CONSOLE - PC RS232(9 PIN D-SUB)
- SDA - BIPHASE OUTPUTS(15 PIN D-SUB)
- VCR IN/OUT - COMPOSITE(VCR)
- MON A/MON B - COMPOSITE(MONITORS)
- ALARM - ALARM CONTACTS(IN/OUT)
- 1-16 - COMPOSITE IN/OUT(CAMERAS)

NEC PX-42XM2 MONITOR

- VIDEO 1/VIDEO - COMPOSITE(BNC) IN/OUT
- VIDEO 2 - COMPOSITE RCA
- VIDEO 3 - S VIDEO
- AUDIO 1 - AUDIO IN/PUT
- DV01/H01 - COMPONENT(RCA)
- AUDIO 2 - AUDIO IN/PUT
- RGB2/DV02/H02 - COMPONENT(BNC)
- RGB1/RGB OUT - PC VGA(15 PIN MINI D-SUB) IN/OUT
- AUDIO 3 - AUDIO IN/PUT
- RGB3 - DVI DIGITAL RGB(24 PIN DVI)
- EXTERNAL CONTROL - RS232(9 PIN D-SUB)
- REMOTE IN/OUT - WIRED REMOTE CONTROL

DESIGN	D. WILLIAMS	DATE	04/18/08
CHECKED		DATE	
APPY/OBNOBATOR		DATE	
APPROVED			
ENGINEER	H. ROBERTSON		

Thomas Jefferson National Accelerator Facility  
 UNITED STATES DEPARTMENT OF ENERGY

TITLE  
 PERSONNEL SAFETY SYSTEM  
 12GeV UPGRADE  
 CAMERA SYSTEM  
 WIRING DIAGRAM

SIZE  
 1/8" X 11" (SHEET)  
 SCALE  
 DRAWING NO.  
 S0548D01  
 SHEET 1 OF 5