

Fibre Trunk (X Mid Station, FPP-14)

Fibre Trunk (X End Station, FPP-15)

Fibre Trunk (Y Mid Station, FPP-12)

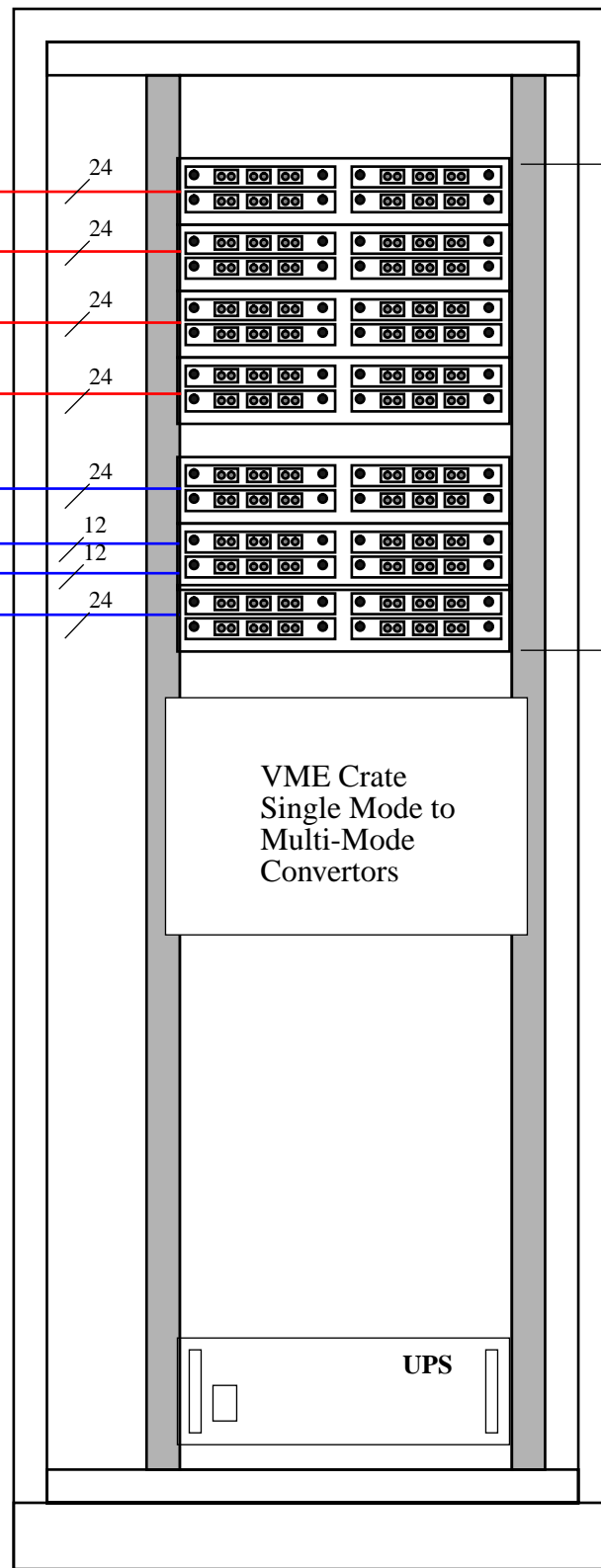
Fibre Trunk (Y End Station, FPP-13)

Fibre Optics (LVEA Sector 1, FPP-8)

Fibre Optics (LVEA Sector 1, FPP-9)

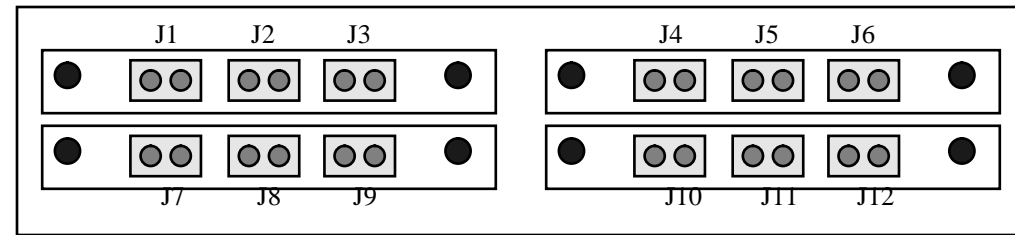
Fibre Optics (LVEA Sector 2, FPP-11)

Fibre Optics (LVEA Sector 2, FPP-10)



Fibre Patch Panel (FPP)
1 through 7

Fibre Optic Patch Panel Detail:
(Conceptual only for purposes of cable assignments; drawing of final units to be provided by fibre optic cable contractor.)



VME Crate
Single Mode to
Multi-Mode
Convertors

UPS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR/MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±
FINISHED SURFACE RMS
BREAK CORNERS IN OUT.
REMOVE ALL BURRS

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SCALE		SIZE		DWG. NO.		REV.			
		B		D970582-00-C					
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FPP-1 Connection Assignments (24 fibre trunk to FPP-14):

FPP Connection	Cable Number	To Rack	To Device
J1 - J3			Spare
J4 - J6			Spare
J7			Spare
J8		IMS-1	SM/MM Conv. 1
J9		IMS-1	SM/MM Conv. 2
J10		IMS-1	SM/MM Conv. 3
J11		IMS-2	ASX1000/NIM1/J1
J12		IMS-2	ASX1000/NIM2/J1

FPP-3 Connection Assignments (24 fibre trunk to FPP-12):

FPP Connection	Cable Number	To Rack	To Device
J1 - J3			Spare
J4 - J6			Spare
J7			Spare
J8		IMS-1	SM/MM Conv. 1
J9		IMS-1	SM/MM Conv. 2
J10		IMS-1	SM/MM Conv. 3
J11		IMS-2	ASX1000/NIM1/J1
J12		IMS-2	ASX1000/NIM2/J1

FPP-2 Connection Assignments (24 fibre trunk to FPP-15):

FPP Connection	Cable Number	To Rack	To Device
J1 - J3			Spare
J4 - J6			Spare
J7			Spare
J8		IMS-1	SM/MM Conv. 1
J9		IMS-1	SM/MM Conv. 2
J10		IMS-1	SM/MM Conv. 3
J11		IMS-2	ASX1000/NIM1/J1
J12		IMS-2	ASX1000/NIM2/J1

FPP-4 Connection Assignments (24 fibre trunk to FPP-13):

FPP Connection	Cable Number	To Rack	To Device
J1 - J3			Spare
J4 - J6			Spare
J7			Spare
J8		IMS-1	SM/MM Conv. 1
J9		IMS-1	SM/MM Conv. 2
J10		IMS-1	SM/MM Conv. 3
J11		IMS-2	ASX1000/NIM1/J1
J12		IMS-2	ASX1000/NIM2/J1

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**Hanford Fibre Optic Plant
 (Main Rack FPP Port Assignments)**

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FPP-5 Connection Assignments

FPP Connection	Cable Number	To Rack	To Device
J1			TBD LSC
J2			TBD ASC
J3		IMS-3	TBD DAQ
J4		IMS-3	TBD DAQ
J5		IMS-2	ASX1000/NIM1/J2
J6			TBD ASC
J7			Spare
J8			Spare
J9			Spare
J10			Spare
J11			TBD LSC
J12		IMS-2	ASX1000/NIM1/J3

FPP-6 Connection Assignments :

FPP Connection	Cable Number	To Rack	To Device
J1			Spare
J2			Spare
J3			Spare
J4			TBD LSC
J5			TBD ASC
J6		IMS-3	TBD DAQ
J7			Spare
J8			Spare
J9			Spare
J10		IMS-4	TBD DAQ
J11			TBD ASC
J12			TBD LSC

FPP-7 Connection Assignments :

FPP Connection	Cable Number	To Rack	To Device
J1			TBD LSC
J2			TBD ASC
J3		IMS-2	ASX1000/NIM2/J3
J4		IMS-4	TBD DAQ
J5		IMS-4	TBD DAQ
J6		IMS-2	ASX1000/NIM2/J2
J7			Spare
J8			Spare
J9			Spare
J10			Spare
J11			TBD ASC
J12			TBD LSC

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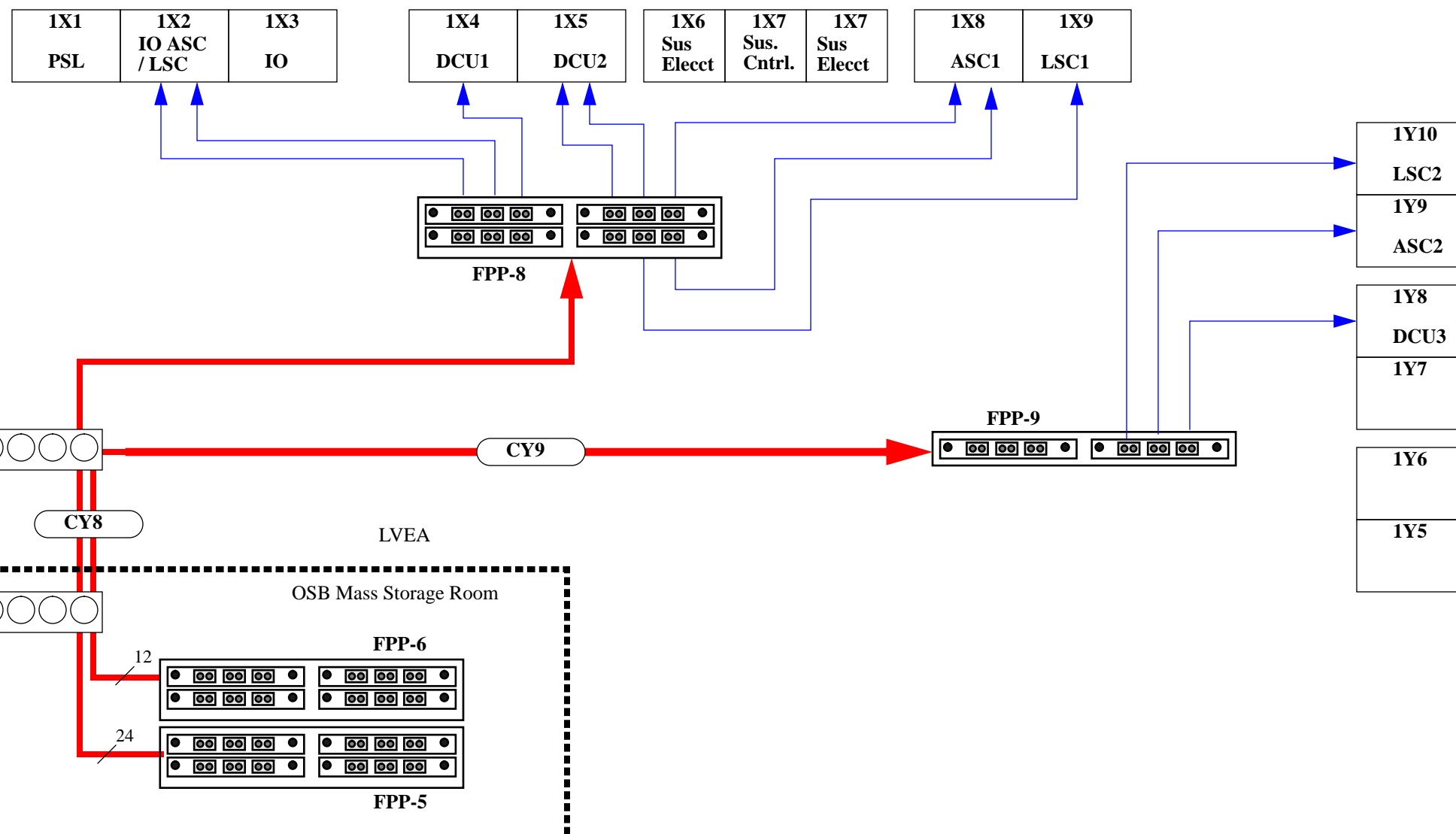
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Hanford Fibre Optic Plant
 (Main Rack FPP Port Assignments)

SCALE SHEET DWG. NO. D970582-00-C
 SHEET 3 of 6



FPP-8 Connection Assignments:

FPP- 8 Connection	Cable Number	To Rack	To Device
J1		1X2	IO LSC Refl. Mem.
J2		1X2	IO ASC Refl. Mem.
J3		1X4	DAQ Refl. Mem.
J4		1X5	DAQ Refl. Mem.
J5		1X5	ES-3810 (ATM)
J6		1X8	ASC Refl. Mem.
J7			Spare
J8			Spare
J9			Spare
J10			Spare
J11			LSC Refl. Mem.
J12			AVA-300 (Video)

FPP-9 Connection Assignments:

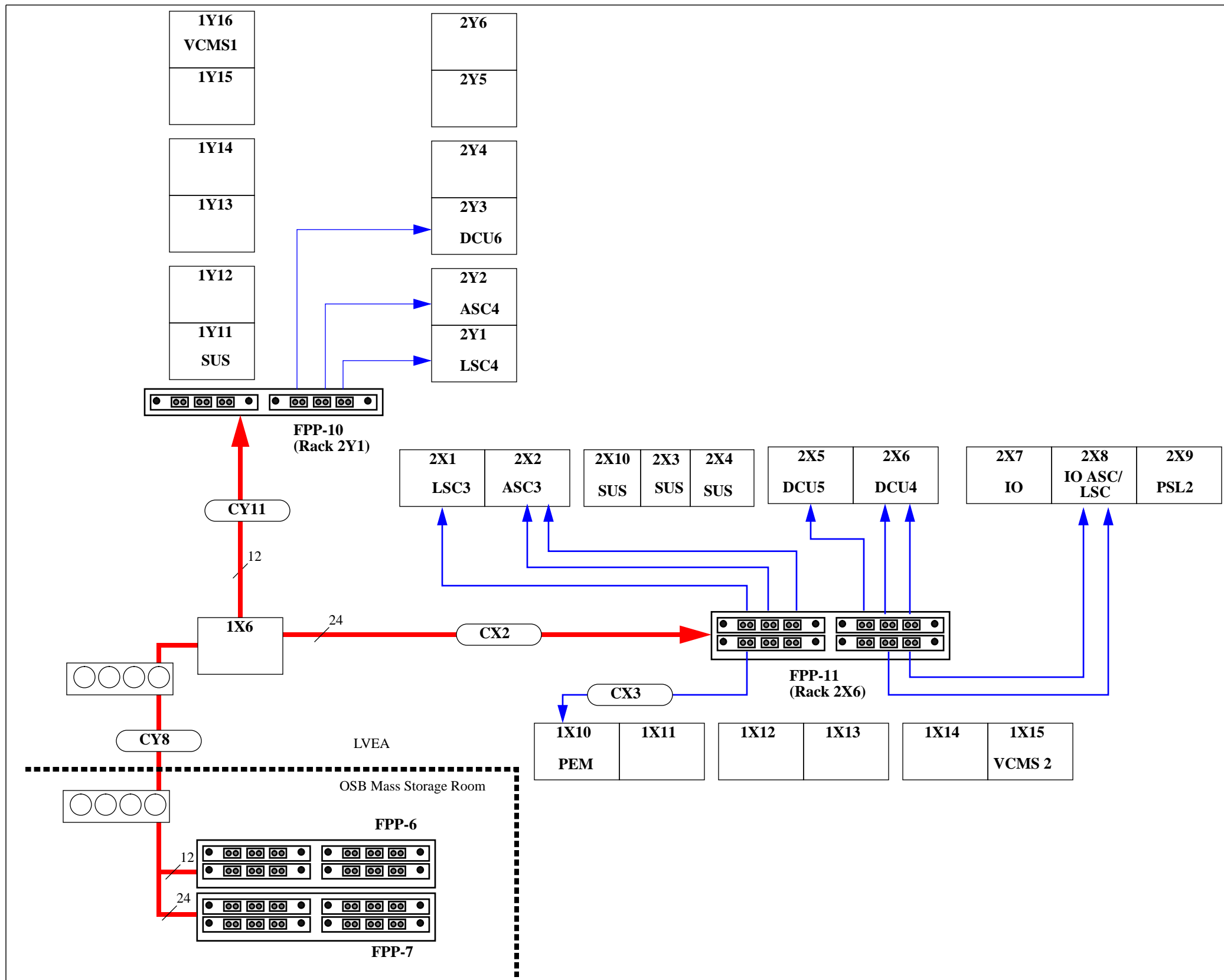
FPP- 9 Connection	Cable Number	To Rack	To Device
J1			Spare
J2			Spare
J3			Spare
J4		1Y10	LSC Refl. Mem.
J5		1Y9	ASC Refl. Mem.
J6		1Y8	DAQ Refl. Mem.

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Hanford Fibre Optic Plant
 (LVEA Sector 1 Fibres)

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6	REFERENCE DRAWINGS	5		NEXT ASS'Y		ISSUE DESCRIPTION				B	D970582-00-C	
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FPP-11 Connection Assignments:

FPP- 11 Connection	Cable Number	To Rack	To Device
J1		2X1	LSC Refl. Mem.
J2		2X2	ASC Refl. Mem.
J3		2X2	AVA-300 (Video)
J4		2X5	DAQ Refl. Mem.
J5		2X6	ES-3810 (ATM)
J6		2X6	DAQ Refl. Mem.
J7		1X10	DAQ Refl. Mem.
J8			Spare
J9			Spare
J10			Spare
J11		2X8	IO LSC Refl. Mem.
J12		2X8	IO ASC Refl. Mem.

FPP-10 Connection Assignments:

FPP- 10 Connection	Cable Number	To Rack	To Device
J1			Spare
J2			Spare
J3			Spare
J4		2Y3	DAQ Refl. Mem.
J5		2Y2	ASC Refl. Mem.
J6		2Y1	LSC Refl. Mem.

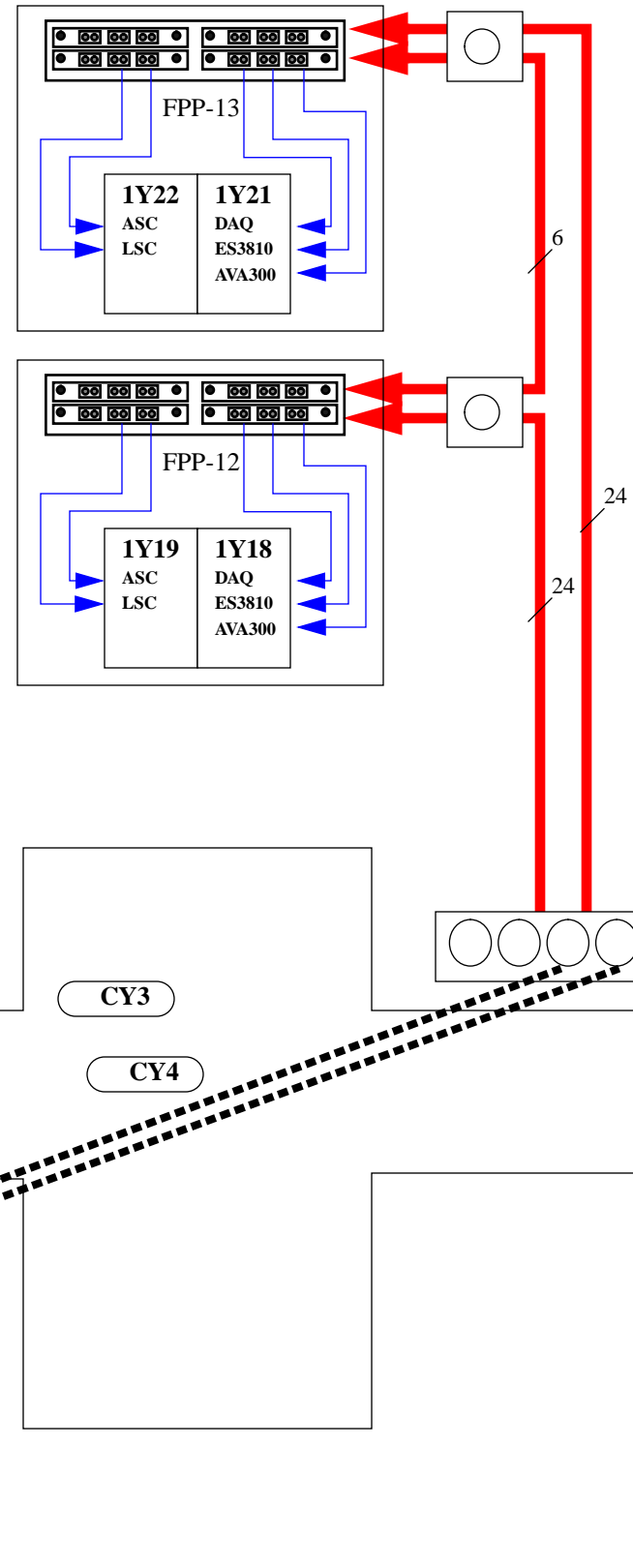
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DWG. NO. DESCRIPTION DWG. NO. DESCRIPTION				SHEETS EFFECTED DATE				EAB FILE SCALE			
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NOTES:

1) Cable Route:

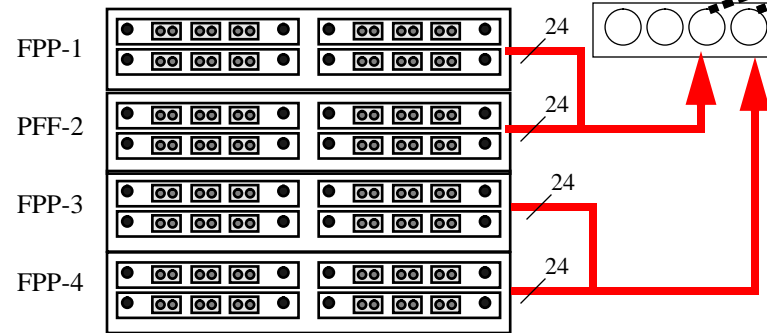
- Fibre Patch Panel (FPP) 1 thru 4 via conduit CY3 and CY4 to Communications Pull Box (CPB) outside of LVEA.
- Direct burial cable along inside of arms to CPB outside of mid and end stations.
- Conduit from CPB to racks in mid/end stations.

2) FPP-12 thru 15, J1 thru J3 have mid/end station interconnect fibre trunk connections; J4 thru J12 connect directly to FPP-1 thru FPP-4, J4 thru J12.



FPP-12 Connection Assignments (FPP-13/14/15 identical):

FPP Connection	Cable Number	To Rack	To Device
J1		1Y18	DAQ Refl. Mem.
J2			Spare
J3			Spare
J4			Spare
J5			Spare
J6			Spare
J7			Spare
J8		1Y19	LSC Refl. Mem.
J9		1Y19	ASC Refl. Mem.
J10		1Y18	DAQ Refl. Mem.
J11		1Y18	ES-3810 (ATM)
J12		1Y18	AVA-300 (Video)



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**Hanford Fibre Optic Plant
 (Mid and End Station Fibres)**

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