

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED

CROSS CONNECT

INPUTS

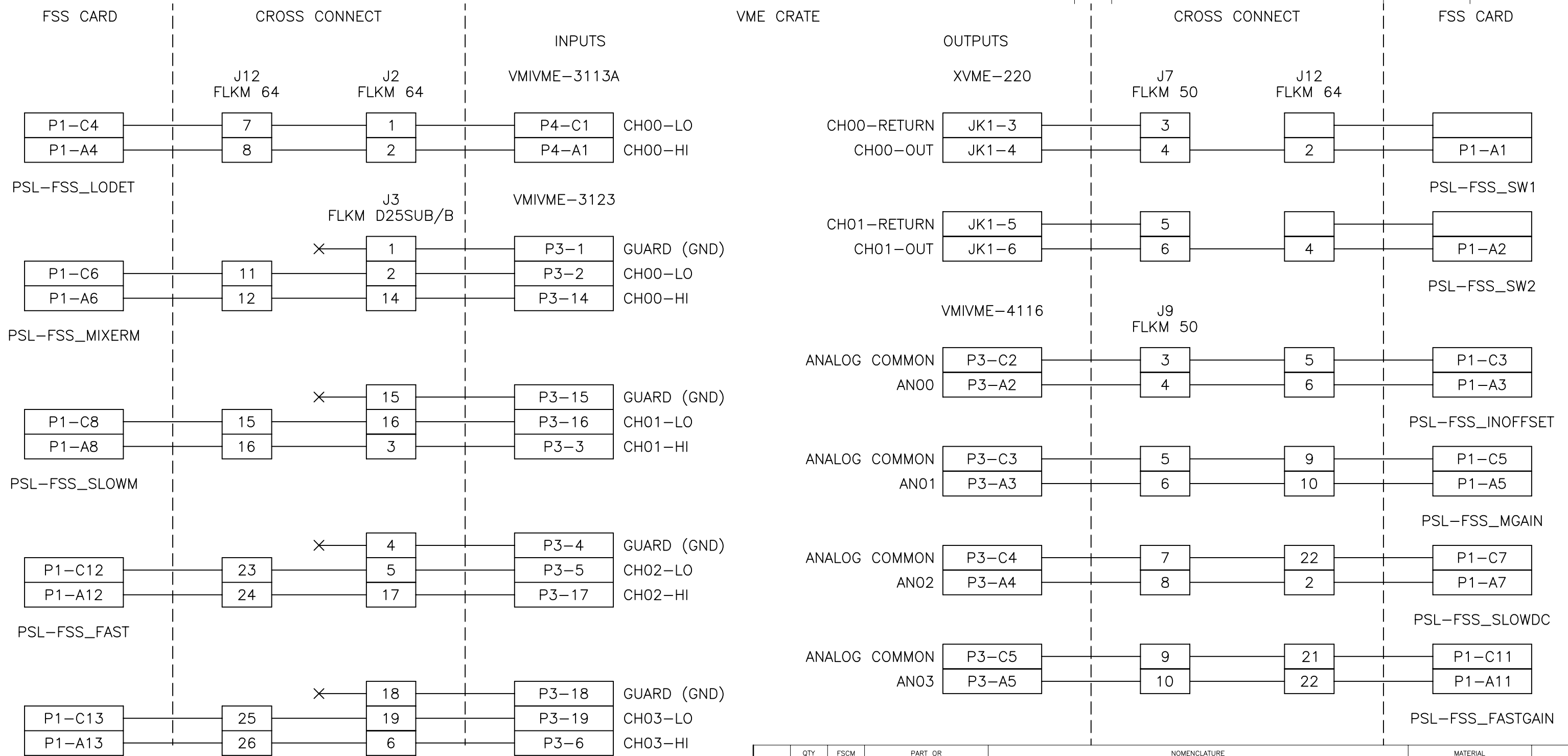
VME CRATE

OUTPUTS

CROSS CONNECT

QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005</small>		<small>CONTRACT NO.</small> 		LIGO Project <small>California Institute of Technology Massachusetts Institute of Technology</small>
<small>MATERIAL</small> 		<small>APPROVALS</small> 	<small>DATE</small> 	GEO/LIGO PSL CROSS CONNECT PANEL DRAWINGS
<small>FINISH</small> 		<small>DRAWN</small> P. KING	<small>CHECKED</small> 	<small>ISSUED</small>
<small>NEXT ASSY</small>	<small>USED ON</small>	<small>SCALE</small> N/A		<small>PSL DWG. NO.</small> D020657-00-D
<small>APPLICATION</small>	DO NOT SCALE DRAWING	<small>SHEET</small> 1 of 6		<small>REV.</small>

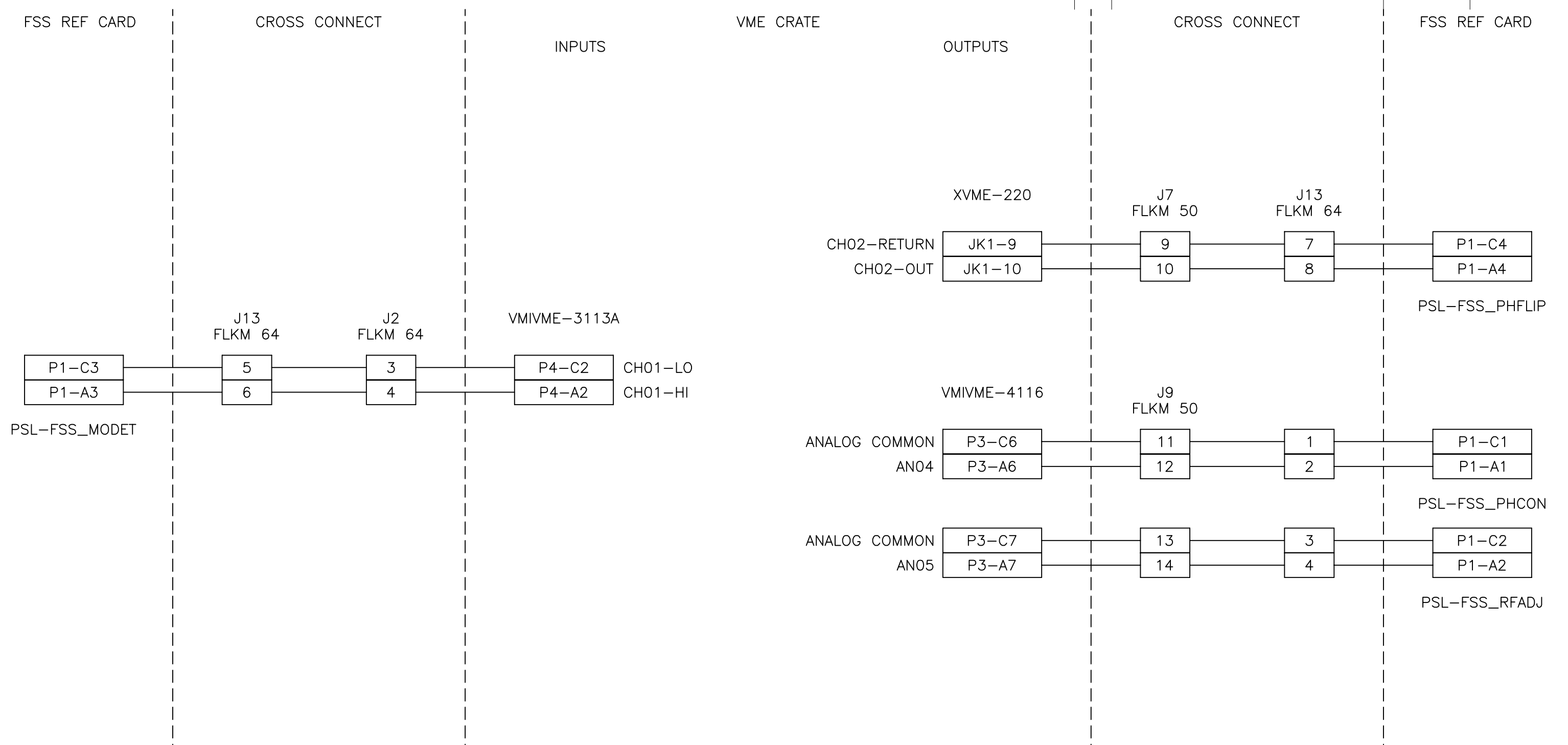
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



PSL-FSS_PCDRIVE

QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION								
PARTS LIST												
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO.										
FRACTIONS	DECIMALS	ANGLES	<p style="text-align: center;">LIGO Project California Institute of Technology Massachusetts Institute of Technology</p> <p style="text-align: right;">PSL Pre-stabilized Laser</p> <p style="text-align: center;">GEO/LIGO PSL FREQUENCY SERVO, CROSS CONNECT PANEL</p>									
±	.XX±.01	±										
	.XXX±.005											
	.XXXX±.0005											
MATERIAL		APPROVALS	DATE									
FINISH		DRAWN	P. KING	01/29/02								
NEXT ASSY		CHECKED										
USED ON		ISSUED										
APPLICATION		DO NOT SCALE DRAWING		<table border="1"> <tr> <td>SIZE</td> <td>FSCM NO.</td> <td>PSL DWG. NO.</td> <td>REV.</td> </tr> <tr> <td>B</td> <td></td> <td>D020657-00-D</td> <td></td> </tr> </table>	SIZE	FSCM NO.	PSL DWG. NO.	REV.	B		D020657-00-D	
SIZE	FSCM NO.	PSL DWG. NO.	REV.									
B		D020657-00-D										
SCALE			N/A	SHEET 2 of 6								

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005		CONTRACT NO.		LIGO Project <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i>
MATERIAL		APPROVALS	DATE	
FINISH		DRAWN	01/29/02	PSL Pre-stabilized Laser GEO/LIGO PSL FREQUENCY REFERENCE, CROSS CONNECT PANEL
NEXT ASSY USED ON		CHECKED		
APPLICATION		ISSUED		SIZE FSCM NO. PSL DWG. NO. REV.
DO NOT SCALE DRAWING				B N/A D020657-00-D 3 of 6

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
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RF PHOTODETECTOR

CROSS CONNECT

VME CRATE

CROSS CONNECT

RF PHOTODETECTOR

INPUTS

OUTPUTS

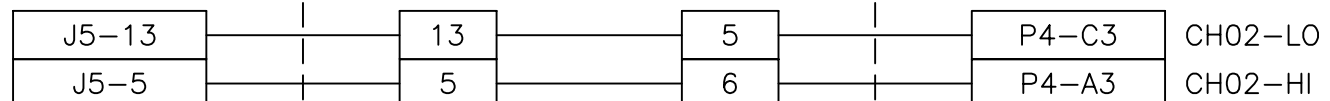
J14
FLKM D15SUB/B

J2
FLKM 64

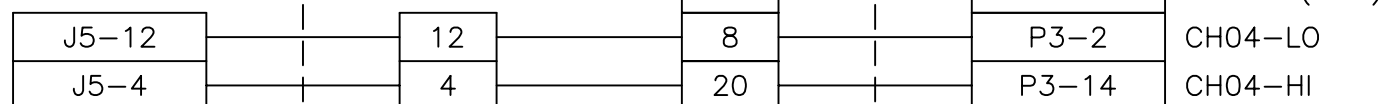
VMIVME-3113A

J3
FLKM D25SUB/B

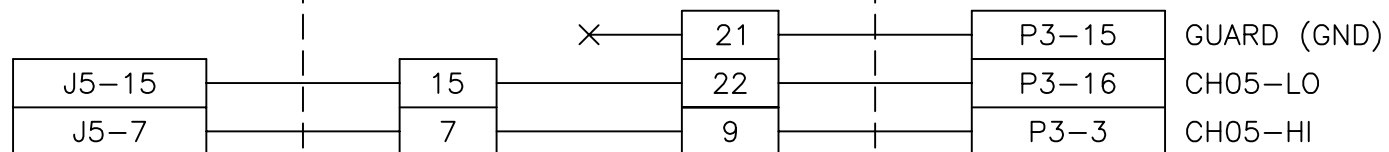
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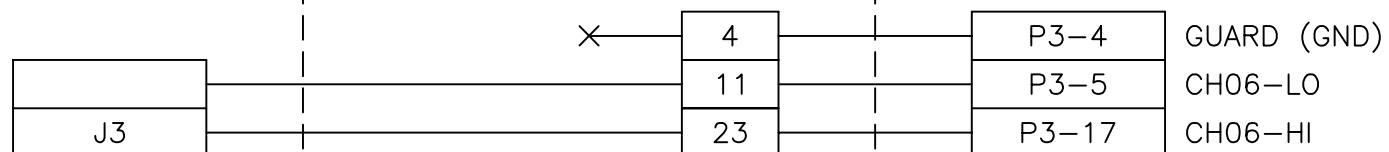
DC OUT



TSENSE



STATUS/OTEMP OUT



DC OUT (FROM SMA)

QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005		CONTRACT NO.		LIGO Project <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i> PSL <i>Pre-stabilized Laser</i>
MATERIAL		APPROVALS	DATE	
FINISH		DRAWN	01/29/02	GEO/LIGO PSL RF PHOTODETECTOR, CROSS CONNECT PANEL
NEXT ASSY USED ON		CHECKED		
APPLICATION		ISSUED		SIZE B
DO NOT SCALE DRAWING		PSL DWG. NO. D020657-00-D		REV.
		SCALE N/A		SHEET 4 of 6

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
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DC PHOTODETECTOR
reference cavity
transmission

CROSS CONNECT

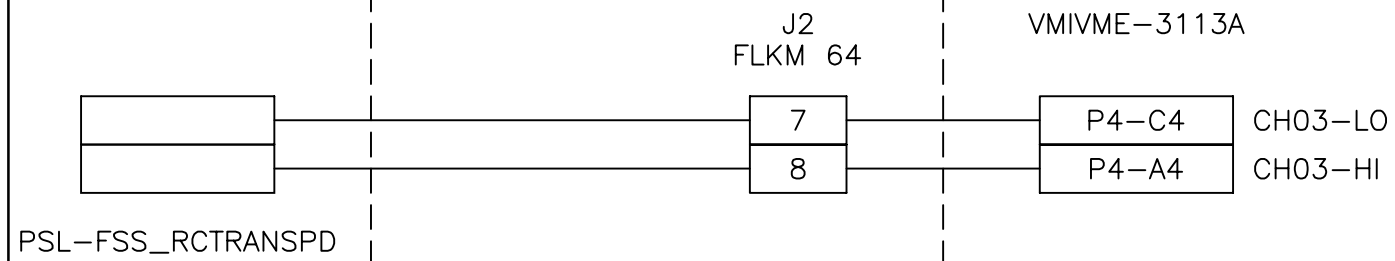
INPUTS

VME CRATE

OUTPUTS

CROSS CONNECT

DC PHOTODETECTOR



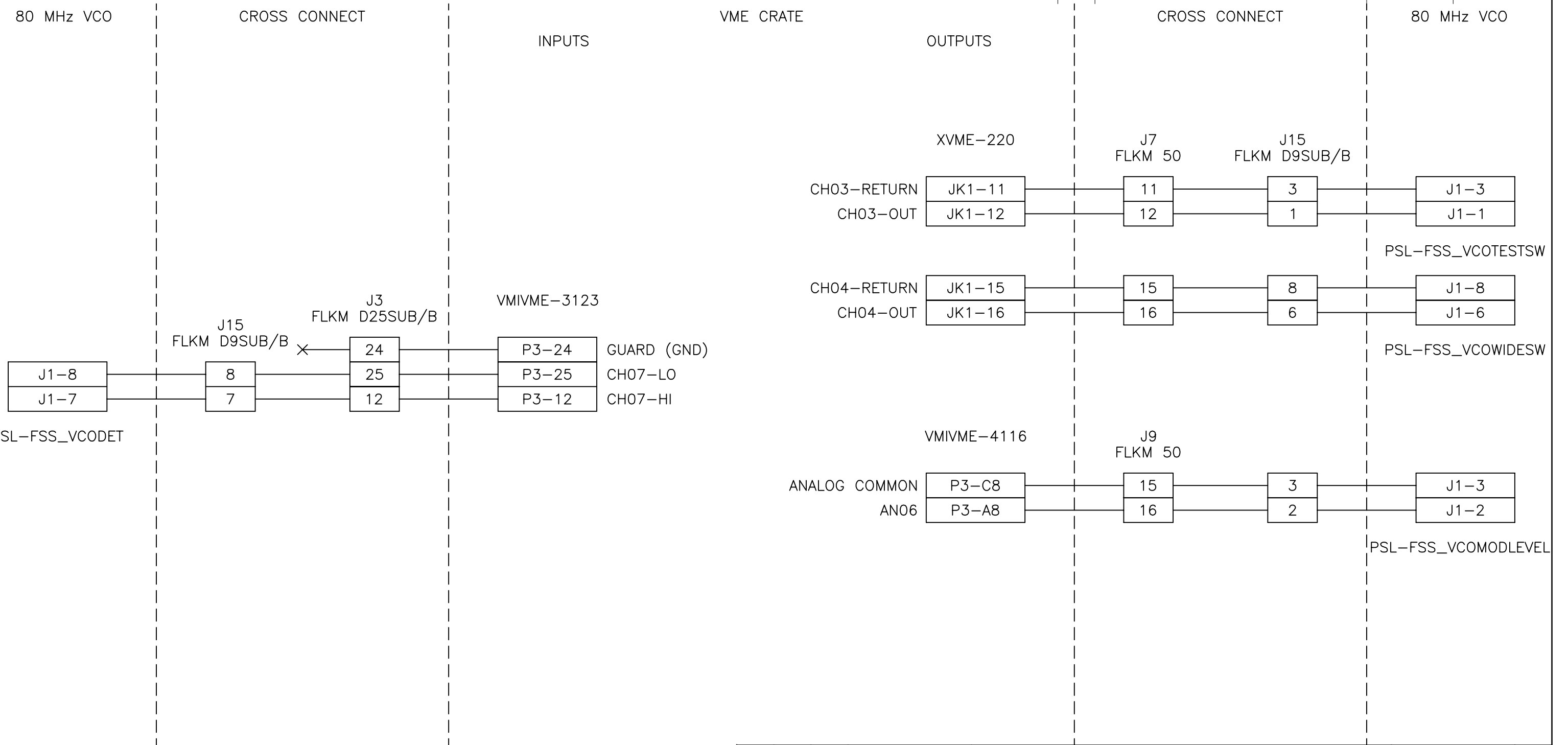
QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005		CONTRACT NO.		LIGO Project <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i> PSL Pre-stabilized Laser GEO/LIGO PSL TRANSMISSION MONITOR, CROSS CONNECT PANEL
MATERIAL		APPROVALS	DATE	
FINISH		DRAWN	CHECKED	
NEXT ASSY		ISSUED		
USED ON				SIZE
APPLICATION		DO NOT SCALE DRAWING		FSCM NO.
				PSL DWG. NO.
				REV.
				SCALE
				SHEET
				5 of 6

LIGO Project
California Institute of Technology
Massachusetts Institute of Technology

PSL Pre-stabilized Laser

 GEO/LIGO PSL
 TRANSMISSION MONITOR, CROSS CONNECT PANEL
 SIZE B FSCM NO. PSL DWG. NO. **D020657-00-D** REV.
 SCALE N/A SHEET 5 of 6

REVISIONS			
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QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005		CONTRACT NO.		LIGO Project <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i> PSL Pre-stabilized Laser GEO/LIGO PSL 80 MHz VCO, CROSS CONNECT PANEL
MATERIAL		APPROVALS	DATE	
FINISH		DRAWN	CHECKED	
NEXT ASSY		ISSUED		
USED ON				SIZE
APPLICATION		DO NOT SCALE DRAWING		FSCM NO.
				PSL DWG. NO.
				REV.
				SCALE
				SHEET
				6 of 6