



CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DCN No. E980212-00-D

SHEET 1 OF 2

DOCUMENT CHANGE NOTICE (DCN)

DOCUMENT No. (DOC-REV-GP. ID)	TITLE	NEW REV.
LIGO-D980266-A-D	Cable Tray Layout-Hanford Site; Laser Vacuum Equipment Area (LVEA), Plan View	B

CHANGE DESCRIPTION (FROM/TO):

SHEET 1:

- Delete Analog Cable Tray (shown in Green) run along X-Arm Manifold from Tee in Zone B3 to end of Manifold (Zone B1)
- Delete Section L-L call-out
- Delete Analog Cable Tray run along Y-Arm Manifold from Tee in Zone E5 to end of Y-Manifold (Zone F5)
- Delete Section M-M call-out
- Delete Electronics racks 1X10-1X14 in Zone B3.
- Move position of Rack 1X15 (Zone B2) to the present installed location of the PSI control rack. Leave space for a spare rack to left of 1X15.
- Relocate Analog and Digital Cable Tray feeds to the 1X15 Rack Group i.e. center the feeds on the new rack location described in 6) above.
- Locate PSL Electronics Racks in Zones B8 (PSL #1) and C2 (PSL #2) in accordance with Sheet 18, Rev.B.

REASON FOR CHANGE: Eliminates cable tray run to reduce cost of contract.

ACTION: Incorporate change Attach DCN to drawing(s) Other action (specify):

DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)

DCN DISTRIBUTION (X=incl. docs)

- No hardware affected (record change only)
- List S/Ns which comply already:
- List S/Ns to be reworked or scrapped:
- List S/Ns to be built with this change:
- List S/Ns to be retested per this change:
-
-
-
-

Althouse	Barish	Coles
X Coyne	Lazzarini	Lindquist
Raab	Sanders	Shoemaker
X Stapfer	Tyler	Weiss
Whitcomb	Zydowicz	
x Bork		
x McCarthy		
x Petrac		
x Baldwin		

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? No Yes (If yes, enter Change Request number)

APPROVALS:	DATE	OTHER APPROVALS (specify)	DATE
ORIGINATOR: W. Baldwin <i>[Signature]</i>	8/28/98		
TASK LEADER: D. Coyne <i>[Signature]</i>	8/28/1998		
GROUP LEADER: A. Lazzarini <i>[Signature]</i>			
DCC RELEASE: <i>[Signature]</i>	5 NOV 98		



DOCUMENT CHANGE NOTICE

CHANGE DESCRIPTION (FROM/TO):

SHEET 2

1. Delete Analog Cable Tray (shown in Green) run along X-Arm Manifold from Zone F4 to end of Manifold (Zone F2).

SHEET 3

1. Delete Analog Cable Tray (shown in Green) run along Y-Arm Manifold from Zone F3 to end of Manifold (Zone F2).

SHEETS 12 THROUGH 15

Delete

SHEET 18

1. Change positions of PSL Electronics Racks to keep length of cable connecting electronics driver (in Rack 1X3) to Pockels Cell (in PSL) to less than 10 feet.
2. Run Pockels Cell cable directly from the racks to the PSL rather than through the cable trays to minimize the cable length required.
3. Make spacing between Racks 1X1, 1X2, and 1X3 at least 36 inches to facilitate installation and repair.

Note: All three of these changes apply to both PSL #1 and PSL #2.