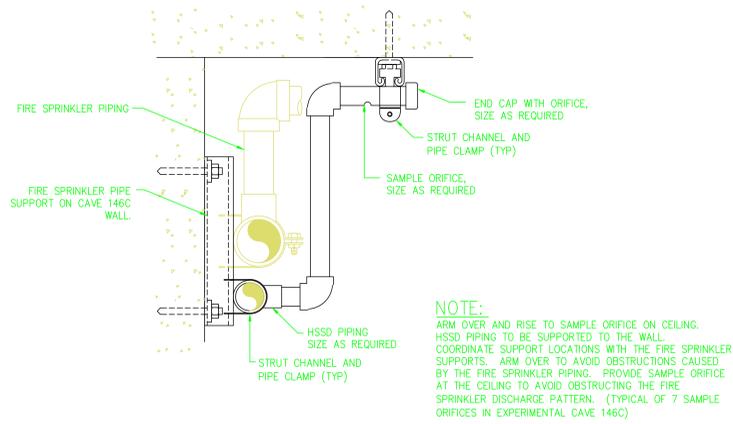
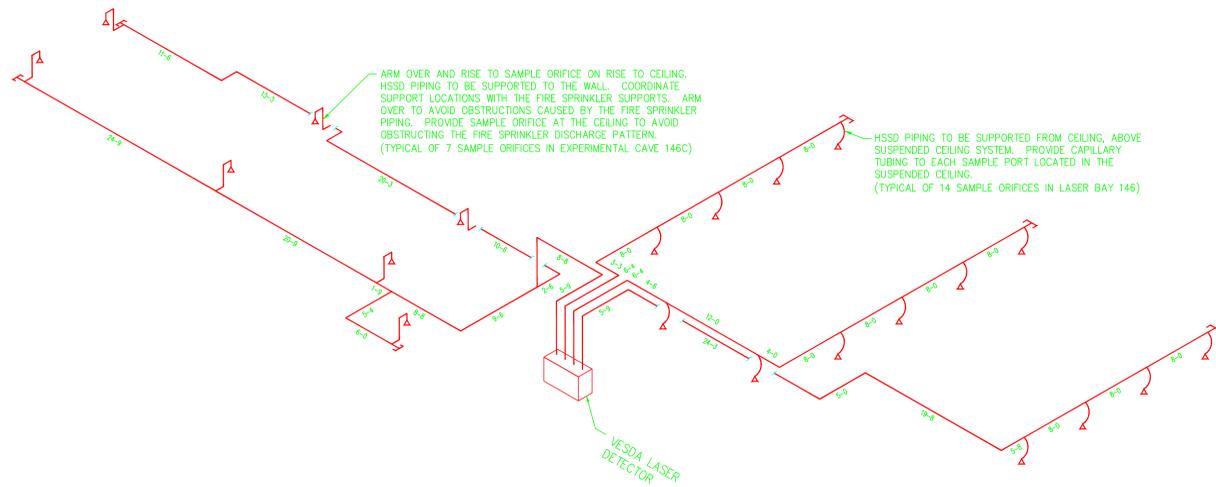


1 HSSD PIPING TYPICAL DETAILS LASER BAY RM. 146
FA-002 SCALE: NONE

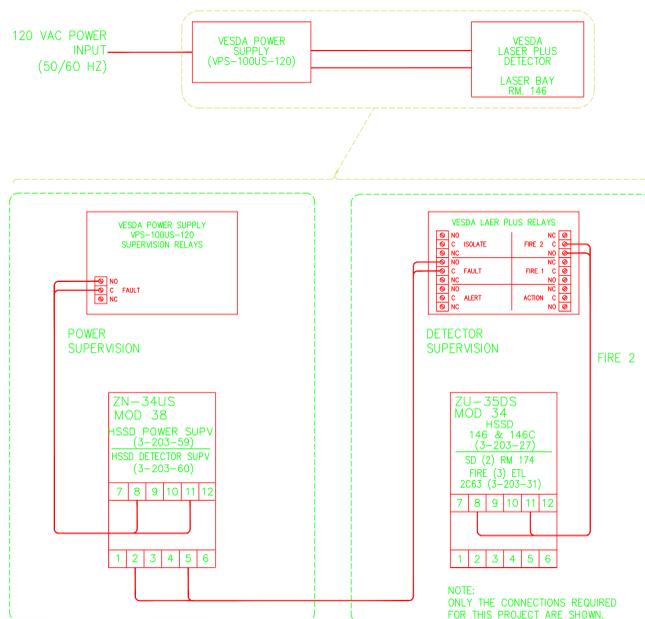


NOTE:
ARM OVER AND RISE TO SAMPLE ORIFICE ON CEILING.
HSSD PIPING TO BE SUPPORTED TO THE WALL.
COORDINATE SUPPORT LOCATIONS WITH THE FIRE SPRINKLER SUPPORTS. ARM OVER TO AVOID OBSTRUCTIONS CAUSED BY THE FIRE SPRINKLER PIPING. PROVIDE SAMPLE ORIFICE AT THE CEILING TO AVOID OBSTRUCTING THE FIRE SPRINKLER DISCHARGE PATTERN. (TYPICAL OF 7 SAMPLE ORIFICES IN EXPERIMENTAL CAVE 146C)

2 HSSD PIPING TYPICAL DETAILS CAVE 146C
FA-002 SCALE: NONE



3 HSSD PIPING SCHEMATIC LASER BAY RM. 146 & CAVE 146C
FA-002 SCALE: NONE



NOTE:
DUE TO SPACE DRAWING CONSTRAINTS, END OF LINE DEVICES/RESISTORS (EOL'S) REQUIRED FOR CIRCUIT SUPERVISION ARE NOT SHOWN. THE SUBCONTRACTOR SHALL PROVIDE AND INSTALL ARE EOL'S REQUIRED FOR APPROPRIATE SUPERVISION OF EACH NEW CIRCUIT.

4 HSSD FIRE ALARM CONNECTION DETAILS
FA-002 SCALE: NONE

REV.	DATE	DESCRIPTION	HYT	HYT
KEY PLAN			DRAWN	CHECKED
1	10/21/10	RESPONSE TO LBNL FM COMMENTS		

CLIENT: BERKELEY LAB

PROJECT: BUILDING 71 BERKELEY LAB LASER ACCELERATOR (BELLA) CONVENTIONAL FACILITIES

M+W GROUP

HYT Corporation

SHEET TITLE: FIRE ALARM HSSD SCHEMATIC & TYPICAL INSTALLATION DETAILS

DRAWN	DATE	NAME	PROJ. NO.	PROJ. PHASE
DWH	04/21/2010	DWH	12092	FINAL
BBT	04/21/2010	BBT		REV.
AS NOTED	05/26/2010			
LBNL_B&W_Full				

FA-002

FOR CONSTRUCTION