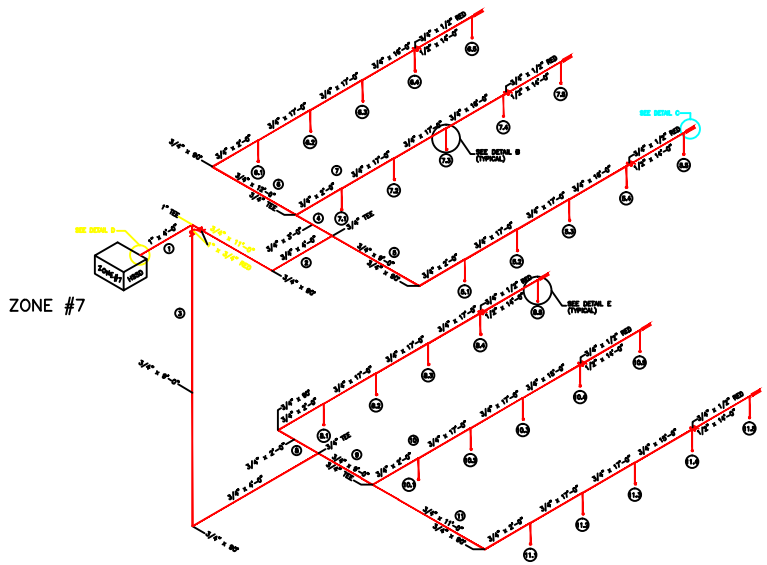
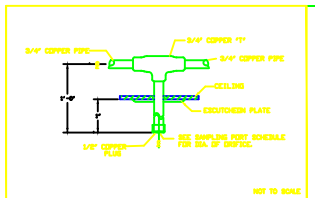


NOTE:

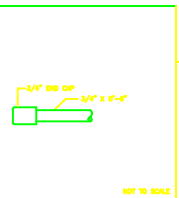
- ALL PIPING TO BE COPPER TUBING.
- ALL CONNECTING POINTS TO BE SEALED FOR AIR LEAKAGE PROTECTION
- CAP PIPE ENDS WITHIN 0'-6" OF LAST DRILLED HOLE
- ALL AIR SAMPLING HOLES SHOULD BE MATCHED WITH DRILL SIZE TABLE
- ALL PIPING SHALL BE SUPPORTED NOT MORE THAN SEVEN FEET ON CENTER
- ALL PIPE SHOULD BE LABELED AS A "FIRE DETECTION SAMPLING PIPE" NOT LESS THEN 5' INTERVALS.
- ALL SAMPLING POINTS SHOULD BE IDENTIFIED WITH A SAMPLING POINT LABEL.
- HSSD PIPING SHALL BE SECURELY SUPPORTED TO FLOOR STANCHIONS IN THE SUBFLOOR AREAS. FLOAT THE SYSTEM SAMPLING PIPING TO FOLLOW THE FLOOR SEAMS (LIMIT OF 4'-0" - 1'-0" FROM THAT SHOWN IN THE DRAWINGS)
- HSSD SAMPLING POINTS FOR THE COMPUTER ROOM FLOOR SHALL BE WITHIN 6" OF THE FLOOR TILE MOUNTING HEIGHT.

SAMPLING PORT SCHEDULE HSSD ZONE#7

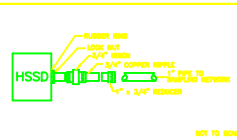
PORT	ORIFICE DIAMETER	DESIGNED SUCTION PRESSURE	ACTUAL SUCTION PRESSURE MEASURED @ CHECKOUT
1.1	1/32	-0.39	
1.2	3/32	-0.39	
1.3	3/32	-0.37	
1.4	3/32	-0.37	
1.5	3/32	-0.35	
2.1	3/32	-0.39	
2.2	3/32	-0.37	
2.3	3/32	-0.39	
2.4	3/32	-0.39	
3.1	3/32	-0.34	
3.2	3/32	-0.39	
3.3	3/32	-0.39	
3.4	3/32	-0.37	
4.1	3/32	-0.37	
4.2	3/32	-0.39	
4.3	3/32	-0.39	
4.4	3/32	-0.39	
5.1	3/32	-0.31	
5.2	3/32	-0.39	
5.3	3/32	-0.39	
5.4	3/32	-0.39	
6.1	3/32	-0.39	
6.2	3/32	-0.39	
6.3	3/32	-0.37	
6.4	3/32	-0.37	
7.1	3/32	-0.39	
7.2	3/32	-0.39	
7.3	3/32	-0.39	
7.4	3/32	-0.37	
7.5	3/32	-0.39	
8.1	3/32	-0.31	
8.2	3/32	-0.39	
8.3	3/32	-0.39	
8.4	3/32	-0.39	
8.5	3/32	-0.39	
9.1	3/32	-0.39	
9.2	3/32	-0.39	
9.3	3/32	-0.37	
9.4	3/32	-0.37	
9.5	3/32	-0.39	
10.1	3/32	-0.39	
10.2	3/32	-0.39	
10.3	3/32	-0.37	
10.4	3/32	-0.37	
10.5	3/32	-0.39	
11.1	3/32	-0.39	
11.2	3/32	-0.37	
11.3	3/32	-0.39	
11.4	3/32	-0.35	
11.5	3/32	-0.34	



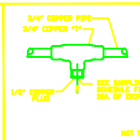
B SAMPLING PORT DETAIL



C END CAP DETAIL



D DETECTOR PIPING DETAIL



E SAMPLING PORT

F AnaLASER LABEL DETAIL

G:\Eng\AutoCAD\Support Files\GREY.tif

2600 MEA MAR AVENUE
LONG BEACH, CA. 90815
P 562 494 3987
F 562 495 6494

TYPE OF WORK
PROJECTION DETECTION AND CONTROL SYSTEM

VENDOR
SIMCO ELECTRIC
1400 BERGMAN DRIVE
SANTA CLARA, CALIFORNIA 95050

NO.	DATE	DESCRIPTION	BY
1	6-22-2000	ADDED 27 FOR CHANGE ORDER #2	BCA
2	8-17-2000	AS BUILT PIPING	BCA
3	10-10-00	AS BUILT	HR

AS BUILT BY
ELECTRICAL: SIMCO ENG. BY
MECHANICAL: SIMCO ENG. BY
CHECK-OUT TECHNICIAN: SIMCO ENG. BY

PROJECT TITLE:

LAWRENCE BERKELEY
NATIONAL LABORATORY
COMPUTING CENTER
415 20th STREET
OAKLAND, CALIFORNIA 94612

SHEET CONTENTS:
AnaLASER PIPING DIAGRAM
ZONE #7

PROFESSIONAL STAMPS:

PROJECT NUMBER: AL-00024
FILE NAME: AL00024LSHD
DRAWN BY: BY
CHECKED BY: HRR
SIGNED BY: BCA
SCALE: N/A
PROJECT NUMBER: 6111P

SHEET NUMBER: FP 5.7
FILE: C0012444
4N943E062
PROJ. NO. FH0113