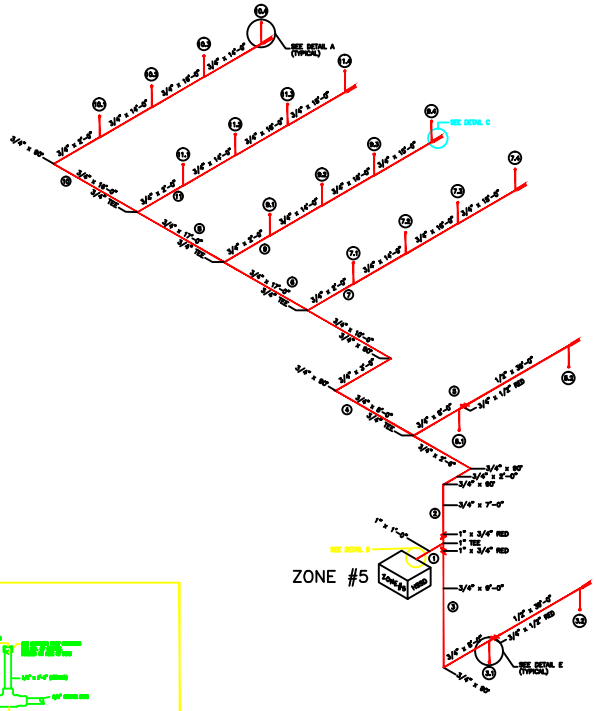


NOTE:

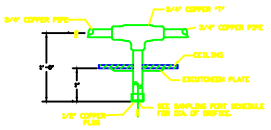
- ALL PIPING TO BE COPPER TUBING.
- ALL CONNECTING POINTS TO BE SEALED FOR AIR LEAKAGE PROTECTION
- CAP PIPE ENDS WITHIN 0'-6" OF LAST DRILLED HOLE
- ALL AIR SAMPLING HOLES SHOULD BE MATCHED WITH DRILL SIZE TABLE
- ALL PIPING SHALL BE SUPPORTED NOT MORE THAN SEVEN FEET ON CENTER
- ALL PIPE SHOULD BE 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 12 FOLLOW THE FLOOR SEAMS (LIMIT OF +/- 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#5

PORT	ORIFICE DIAMETER	DESIGNED SUCTION PRESSURE	ACTUAL SUCTION PRESSURE MEASURED @ CHECKOUT
3.1	1/32	-0.30	
3.2	3/32	-0.30	
6.1	3/32	-0.30	
6.2	3/32	-0.30	
7.1	7/64	-0.30	
7.2	7/64	-0.10	
7.3	7/64	-0.10	
7.4	7/64	-0.10	
9.1	7/64	-0.10	
9.2	1/8	-0.14	
9.3	1/8	-0.13	
9.4	1/8	-0.13	
10.1	1/8	-0.10	
10.2	1/8	-0.09	
10.3	1/8	-0.09	
10.4	9/64	-0.09	
11.1	1/8	-0.12	
11.2	1/8	-0.11	
11.3	1/8	-0.10	
11.4	1/8	-0.10	

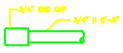
A SAMPLING PORT DETAIL

NOT TO SCALE



B SAMPLING PORT DETAIL

NOT TO SCALE

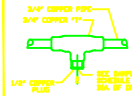


C END CAP DETAIL

NOT TO SCALE

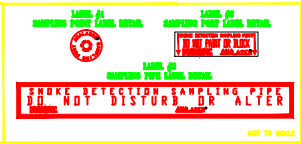
D DETECTOR PIPING DETAIL

NOT TO SCALE



E SAMPLING PORT

NOT TO SCALE



F AnaLASER LABEL DETAIL

NOT TO SCALE

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

2600 MIRA MAR AVENUE
LONG BEACH, CA. 90815
P 562 494 3007
F 562 495 6684

TYPE OF WORK

PRODUCTION DETECTION AND CONTROL SYSTEM

OWNER

SHACO ELECTRIC
1400 BERGMAN DRIVE
SANTA CLARA, CALIFORNIA 95050

NO.	DATE	DESCRIPTION	BY
1	4-24-2000	FOR REVIEW	RCA
2	4-25-2000	FOR SUBMITTAL	RCA
3	6-23-2000	REV. 25 PER CHANGE ORDER #2	RCA
4	8-17-2000	AS BUILT PIPING	RCA
5	10-20-2000	REVISED SAMPLING PORT TO UPDATE	RCA
6	10-10-02	AS BUILT	DB

AS BUILT BY

ELECTRICAL: DATE DATE BY

MECHANICAL: DATE DATE BY

CHECK-OUT TECHNICIAN: DATE DATE BY

PROJECT NAME

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

DRAWING TITLE

ANALASER PIPING DIAGRAM
ZONE #5

PROFESSIONAL STAMP

PROJECT NUMBER: AL-00024

FILE NAME: AL00024ZL2003

APPROVED BY: BY

DRAWN BY: RMB

SCALE: N/A

DRAWING NUMBER

6111P

SHEET NUMBER

FP 5.5

FILE: 00012442
4N943E060

PROJ. NO. FH0113