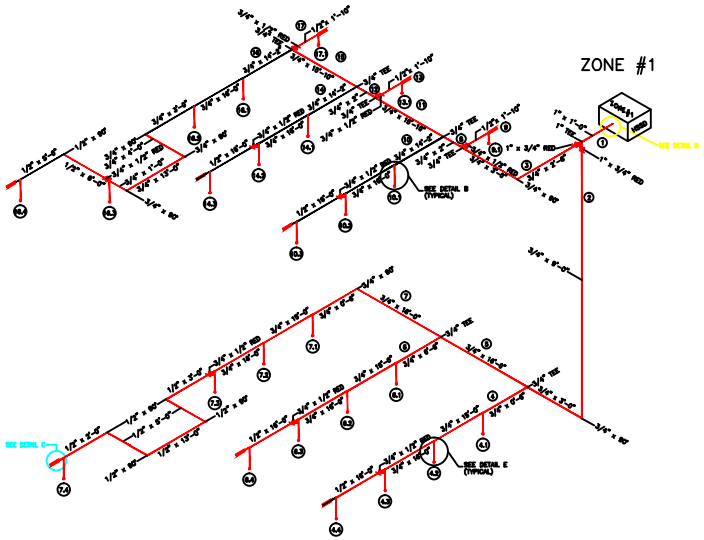
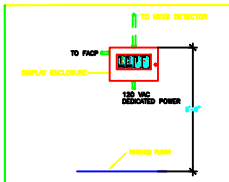



NOTE:

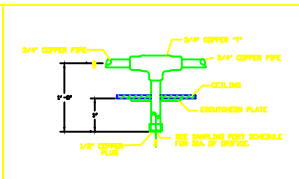
- ALL PIPING TO BE COPPER TUBING.
- ALL CONNECTING POINTS TO BE SEALED FOR AIR LEAKAGE PROTECTION
- CAP PIPE ENDS WITHIN 0'-4" OF LAST DRILLED HOLE
- ALL DIE SAMPLING HOLES SHALL BE MATCHED WITH DRILL SIZE TABLE
- ALL PIPING SHALL BE SUPPORTED NOT MORE THAN SEVEN FEET ON CENTER
- ALL PIPE SHALL BE LABELED AS A "FIRE DETECTION SAMPLING PIPE" NOT LESS THEN 5' INTERVALS.
- ALL SAMPLING POINTS SHALL BE IDENTIFIED WITH A SAMPLING POINT LABEL.
- HSSD PIPING SHALL BE SECURELY SUPPORTED TO FLOOR STANCHIONS IN THE SUBFLOOR AREAS. FLOOR THE SYSTEM SAMPLING PIPING TO FOLLOW THE FLOOR SEAMS (LIMIT OF 4'-0" TO 3'-0" FROM THAT SHOWN IN THE DRAWINGS)
- HSSD SAMPLING POINTS FOR THE COMPUTER ROOM FLOOR SHALL BE WITHIN 0" OF THE FLOOR TILE MOUNTING HEIGHT.

## SAMPLING PORT SCHEDULE HSSD ZONE#1

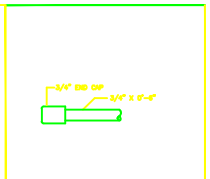
| PORT | ORIFICE DIAMETER | DESIGNED SUCTION PRESSURE | ACTUAL SUCTION PRESSURE MEASURED & CHECKOUT |
|---|---|---|---|
| 4.1 | 3/32 | -0.33 | |
| 4.2 | 3/32 | -0.32 | |
| 4.3 | 3/32 | -0.31 | |
| 4.4 | 3/32 | -0.30 | |
| 6.1 | 3/32 | -0.30 | |
| 6.2 | 3/32 | -0.29 | |
| 6.3 | 3/32 | -0.29 | |
| 6.4 | 7/64 | -0.28 | |
| 7.1 | 3/32 | -0.28 | |
| 7.2 | 7/64 | -0.27 | |
| 7.3 | 7/64 | -0.30 | |
| 7.4 | 7/64 | -0.33 | |
| 9.1 | 3/32 | -0.35 | |
| 10.1 | 3/32 | -0.35 | |
| 10.2 | 3/32 | -0.36 | |
| 10.3 | 3/32 | -0.33 | |
| 13.1 | 3/32 | -0.33 | |
| 14.1 | 3/32 | -0.32 | |
| 14.2 | 3/32 | -0.31 | |
| 14.3 | 3/32 | -0.30 | |
| 16.1 | 3/32 | -0.30 | |
| 16.2 | 3/32 | -0.29 | |
| 16.3 | 7/64 | -0.27 | |
| 16.4 | 7/64 | -0.28 | |
| 17.1 | 3/32 | -0.31 | |



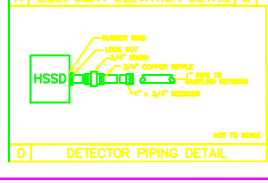

A EQUIPMENT ELEVATION DETAIL



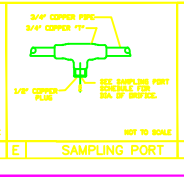

B SAMPLING PORT DETAIL




C END CAP DETAIL




D DETECTOR PIPING DETAIL




E SAMPLING PORT

F AnaLASER LABEL DETAIL

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


2600 MIRA MAR AVENUE
LONG BEACH, CA. 90815
T 562 494 9697
F 562 495 6464


TYPE OF WORK
PROJECTION DETECTION AND CONTROL SYSTEM

OWNER
SIEMON ELECTRIC
1400 SEGUNDA DRIVE
SANTA CLARA, CALIFORNIA 95050

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 4-24-2000 | FOR REVIEW | RCA |
| 2 | 4-25-2000 | FOR SUBMITTAL | RCA |
| 3 | 6-2-2000 | REV. PER PLAN CHECK CORRECTIONS | RCA |
| 4 | 6-17-2000 | AS BUILT PIPING | RCA |
| 5 | 10-12-00 | AS BUILT | HH |

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

SHEET CONTENTS
AnaLASER PIPING DIAGRAM
ZONE #1

PROFESSIONAL STAMP

PROJECT NUMBER AL-00024
FILE NAME AL00024FL.DWG
APPROVED BY BV
CHECKED BY HHD
DRAWN BY RCA
SCALE N/A
PROJECT NUMBER
6111P

SHEET NUMBER
FP 5.1

FILE: 00012438
4N943E056

PROJ. NO. FH0113