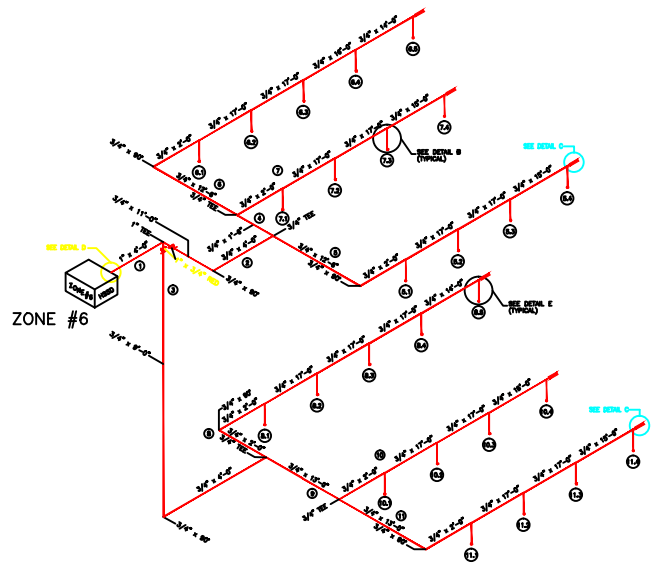
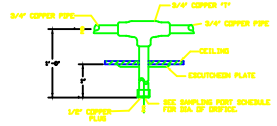


NOTE:

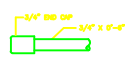
- ALL PIPING TO BE COPPER TUBING.
- ALL CONNECTING POINTS TO BE SEALED FOR AIR LEAKAGE PROTECTION
- CAP PIPE ENDS WITHIN 0'-6" OF LAST DRILLED HOLE
- ALL AIR SAMPLING HOLES SHOULD BE MATCHED WITH DRILL SIZE TABLE
- ALL PIPING SHALL BE SUPPORTED NOT MORE THAN SEVEN FEET ON CENTER
- ALL PIPE SHOULD BE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

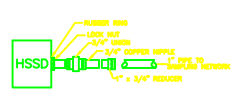
PORT	ORIFICE DIAMETER	DESIGNED SUCTION PRESSURE	ACTUAL SUCTION PRESSURE MEASURED @ CHECKOUT
5.1	1/16	-0.39	
5.2	3/32	-0.39	
5.3	3/32	-0.37	
5.4	3/32	-0.37	
6.1	3/32	-0.39	
6.2	3/32	-0.37	
6.3	3/32	-0.39	
6.4	7/64	-0.33	
6.5	7/64	-0.33	
7.1	3/32	-0.30	
7.2	3/32	-0.39	
7.3	3/32	-0.39	
7.4	3/32	-0.39	
8.1	3/32	-0.31	
8.2	3/32	-0.39	
8.3	3/32	-0.39	
8.4	7/64	-0.37	
8.5	7/64	-0.37	
10.1	3/32	-0.39	
10.2	3/32	-0.39	
10.3	3/32	-0.37	
10.4	3/32	-0.37	
11.1	3/32	-0.39	
11.2	3/32	-0.39	
11.3	3/32	-0.39	
11.4	7/64	-0.39	



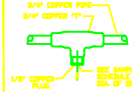
B SAMPLING PORT DETAIL



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
P 562 494 3007
F 562 495 6684

TYPE OF WORK
PROTECTION DETECTION AND CONTROL SYSTEM

OWNER
SHACO ELECTRIC
1400 BEGHOLDER DRIVE
SANTA CLARA, CALIFORNIA 95050

NO.	DATE	DESCRIPTION	BY
1	6-22-2020	ADDED 20 FOR CHANGE ORDER #2	RDA
2	6-17-2020	AS BUILT PIPING	RDA
3	10-10-20	AS BUILT	HR

AS BUILT BY
ELECTRICAL: DATE DATE BY
MECHANICAL: DATE DATE BY
CHECK-OUT TECHNICIAN: DATE DATE BY

PROJECT TITLE

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

DRAWING TITLE
ANALASER PIPING DIAGRAM
ZONE #6

PROFESSIONAL STAMP

PROJECT NUMBER AL-00024
FILE NAME AL00024ZONE
APPROVED BY BY
CHECKED BY HRR
DRAWN BY RDA
SCALE N/A
DRAWING NUMBER

6111P

SHEET NUMBER
FP 5.6

FILE: 00012443
4N943E061

PROJ. NO. FH0113