

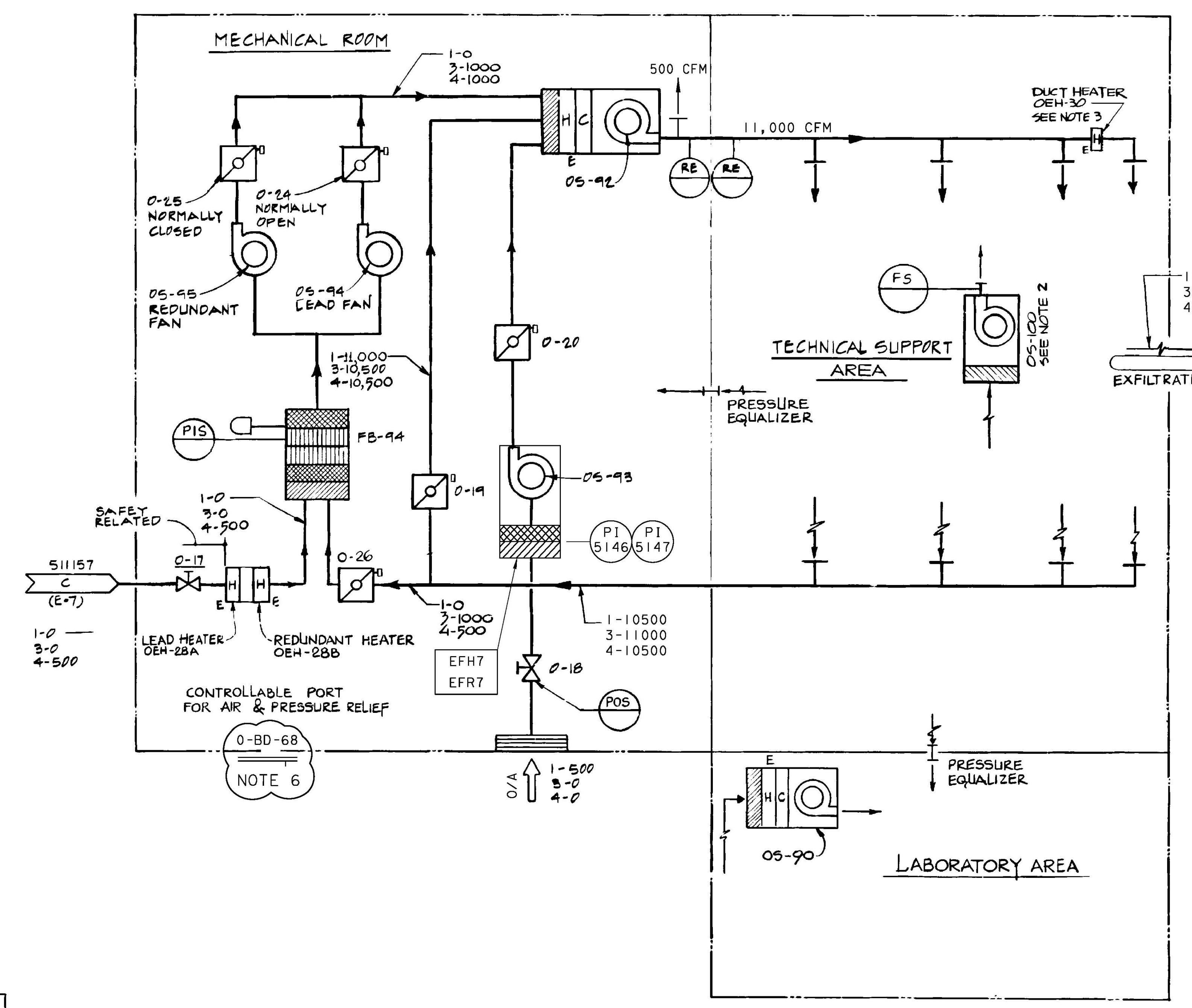
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RASTER=512904-1-0.dgn
DGN=512904-0.dgn
CAD User: JAZT Date: 04-16-2018

MODES OF OPERATION IN TECHNICAL SUPPORT CENTER	
1	95.7% RECIRCULATED AIR OPERATION WITH 4.3% OUTSIDE AIR MAKE UP, 100% AIR THRU ROUGHING FILTER; FOR USE DURING NORMAL OPERATIONS
2	APPLIES ONLY TO THE CONTROL ROOM PRESSURIZATION SYSTEM (SEE NOTE 1)
3	100% RECIRCULATION AIR OPERATION WITH 8.7% AIR THRU HEPA AND CHARCOAL FILTERS; MANUAL CAPABILITY TO ISOLATE TSC FROM OUTSIDE.
4	11,000 CFM RECIRCULATED AIR OPERATION WITH THE COMBINATION OF 500 CFM PRESSURIZATION AIR AND 500 CFM OF RECIRCULATION AIR FOR A TOTAL OF 1000 CFM THROUGH HEPA AND CHARCOAL FILTERS; FOR USE IN THE EVENT OF AIRBORNE RADIOACTIVITY. (SEE NOTE 1)

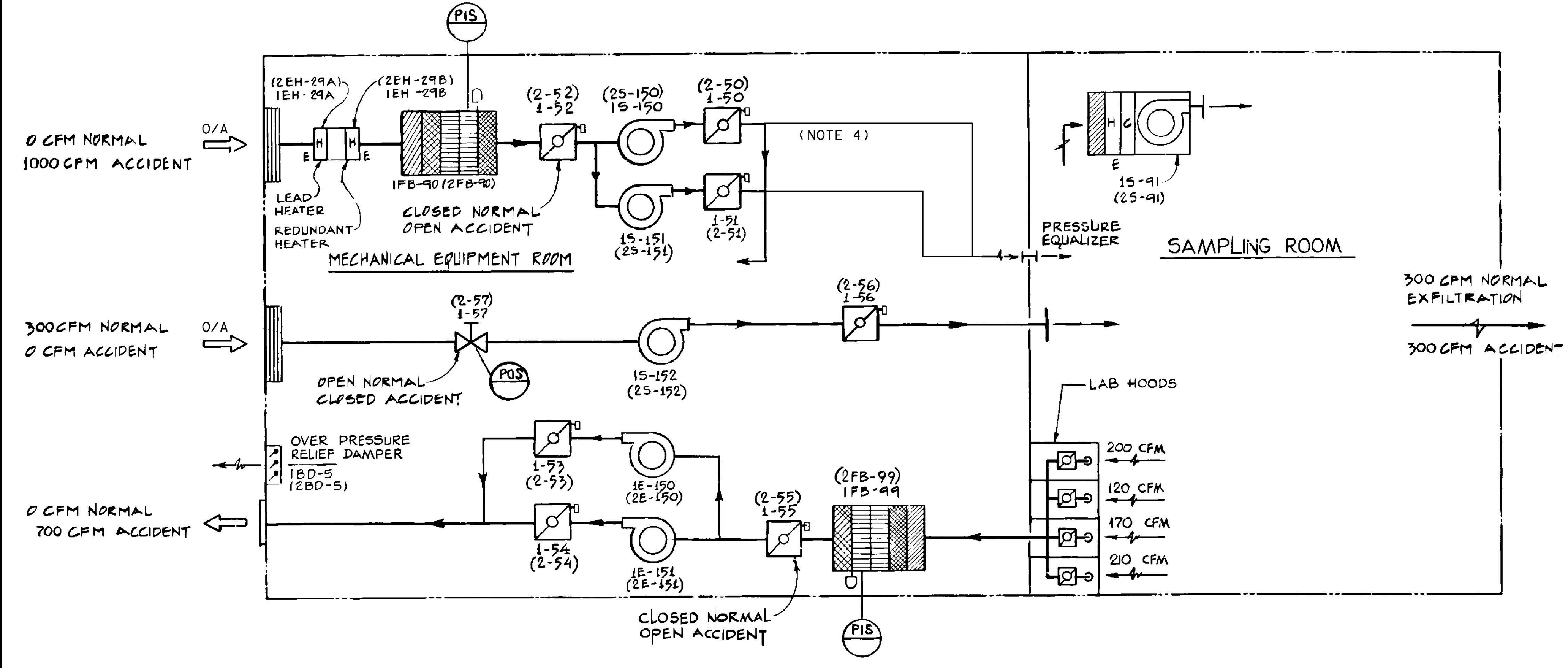
- NOTES:
- FOR PARALLEL CONTROL ROOM MODES OF OPERATION SEE DWG 511157
 - A/C UNIT OS 100 SERVING OPERATION CENTER
 - DUCT HEATER OEH-30 SERVING OFFICE SPACE
 - UNIT-1 DUCTING CONNECTED DIRECTLY TO PRESSURE EQUALIZER DUCT.
 - VENTILATION SCHEMATIC FOR PRESSURIZATION SYSTEM IS SHOWN ON DWG 511157.
 - WHEN UTILIZED, THE ISOLATION PLATES BECOME THE TSC PRESSURE BOUNDARY.

REFERENCE DRAWINGS:
1. SEE VENDOR DRAWINGS 6033085-1 AND 6033085-2 FOR COMPLETE DESIGN DETAILS FOR THE S-93 FAN-FILTRATION UNIT SKID.



VENTILATION SCHEMATIC - TECHNICAL SUPPORT CENTER

LEGEND	
TWO POSITION ELECTRIC MOTOR OPERATED DAMPER	COOLING COIL
OUTSIDE AIR INTAKE	FAN
ROUGHING FILTER	MANUAL OPERATED DAMPER
HEPA FILTER	FLEXIBLE CONNECTION
CHARCOAL FILTER	BACK DRAFT DAMPER
MANUAL HAND SWITCH STARTER	MODES OF OPERATION-AIR
CHLORINE DETECTOR	DIFFERENTIAL PRESSURE INDICATING SWITCH (FLOW SWITCH)
RADIATION DETECTOR	SMOKE DETECTOR
HEATING COIL	POSITIVE SHUT OFF MANUAL DAMPER
INDICATES ELECTRIC	POSITION SWITCH
BOUNDARY OF PRESSURIZED AREA	LIMIT SWITCH (POSITION SWITCH)
FLOW SWITCH (DIFFERENTIAL PRESSURE SWITCH)	



VENTILATION SCHEMATIC - POST ACCIDENT SAMPLING SYSTEM.
UNIT #2 EQUIPMENT SHOWN IN PARENTHESES

DATE	REVISION DESCRIPTION	DWG SCALE:
04-16-2018	Revised Per DD-21672	BILL OF MATL:
D.D. IAZ1		SUPDS:
R.E. FXC2		DRAWN BY:
J.V. N/A		SHEET
P.E. N/A		PAGE
		REV

UNIT 1 & 2	
MECHANICAL	DWG SCALE:
AIR CONDITIONING	BILL OF MATL:
TECHNICAL SUPPORT CENTER	SUPDS:
AND POST-ACCIDENT SAMPLING SYSTEM	DRAWN BY:
AIR FLOW DIAGRAMS	SHEET
DIABLO CANYON POWER PLANT	PAGE
PACIFIC GAS AND ELECTRIC COMPANY	REV
SAN FRANCISCO, CALIFORNIA	

512904-1