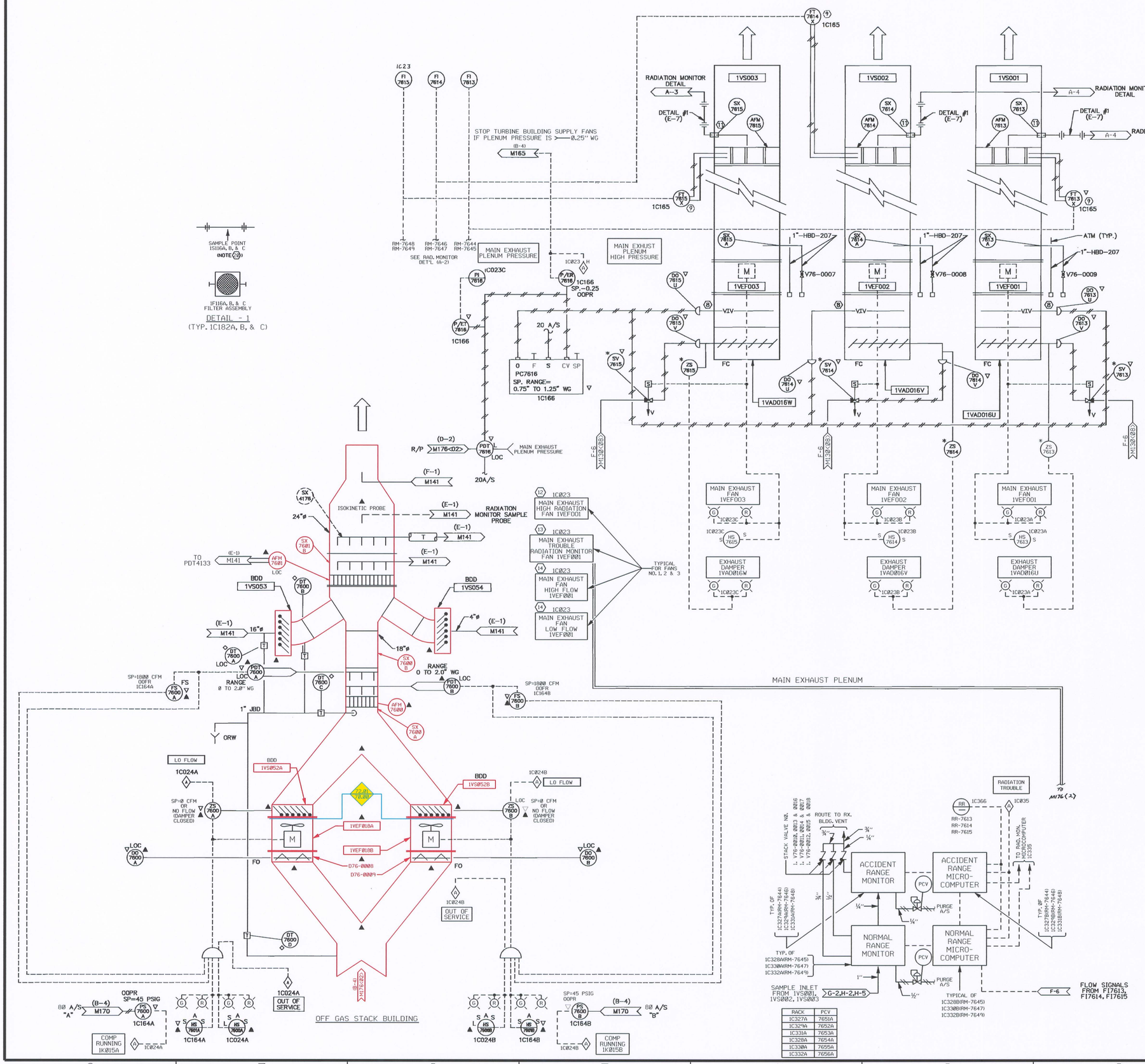

RACK	PCV
1C327A	7651A
1C329A	7652A
1C331A	7653A
1C328A	7654A
1C330A	7655A
1C332A	7656A

NOTES:

1.
2. TIME DELAY FOR LOW & HIGH FLOW ALARMS 30 SECONDS
3. MODE OF OPERATION NO.1
   BALANCE FUEL STORAGE POOL INTAKES (SEE M652)

   MODE OF OPERATION NO.2
   BALANCE FOR 7,300 CFM

   MODE OF OPERATION NO.3
   BALANCE FOR 7,300 CFM

   MODE OF OPERATION NO.4
   BALANCE FOR 4,625 CFM EACH

   MODE OF OPERATION NO.5 & 6
   BALANCE FOR 4,625 CFM EACH

   MODE OF OPERATION NO.7
   BALANCE REACTOR WELL POOL & DRYER SEPARATOR POOL EXHAUST SYSTEMS FOR EQUAL FLOW 9,250 CFM EACH. BALANCE REACTOR WELL POOL INTAKES (QUANTITY 8 FOR APPROXIMATELY 1,150 CFM EACH.
4. STANDBY FAN TO START AUTOMATICALLY ON LOW FLOW
5.
6. HIGH VENTILATION, POOL AREA EXHAUST DAMPER FULL OPEN, FLOOR LEVEL EXHAUST DAMPERS POSITIONED FOR DESIGN FLOW P.E.-PERIMETER EXHAUST, H.E. - HIGH BAY EXHAUST.
7. 30 SECOND TIME DELAY
8. VIV = VARIABLE INLET VANES
9. SEE REF. DWG. E113118)
10. 4 CHANNEL RECORDERS (PENS)(3 RADIATION - 1 FLOW)
11. 3 CHANNEL RADIATION DETECTION SP. = TO MAX FLOW OF 67,000 CFM
12. 13. 14. M176(1) (C-5 & D-5)
15. DUCT 6 ON M152
16. DUCT 2 ON M152
17. DAMPERS FURN. W/FANS 1VEF013A&B
19. REPLACED UNDER DCR 1109
20. (SEE DETAIL 1 THIS SHEET)
    REMOVABLE SECTION SHALL BE PROVIDED NEAR THE SAMPLE PROBE FOR THE INSERTION OF A FILTER ASSEMBLY. THE FITTING ETC. SHALL PROVIDE SMOOTH TRANSITIONS WITHOUT DISCONTINUITIES OR REDUCING THE CROSS-SECTIONAL AREA OF THE FLOW STREAM.
21. PRESSURE SENSING PORTS ARE INSTALLED AT THESE DAMPERS BY EMA-A32289G.
22. DP17642, DP17643A THRU D
    TO PREVENT INSTRUMENT FLUID LOSS, PLEASE LEAVE INSTRUMENT VALVED OUT WHEN NOT TAKING READING.
    NOTE: INFORMATION LABELS ARE INSTALLED IN THE PLANT ON DP17642 (RB 812'-0") AND ON DP17643A-D (RB 855'-0").

LEGEND

1.) = SCINTILLATOR DETECTOR
2.) ✱ - FURNISHED W/ASSOCIATED COMPONENT
3.) ▲ - QA & SEISMIC CLASS I
4.) ▽ - CONTROLS SUPPLIED BY HVAC INST. CONT.
5.) ◇ - SYMBOL DESIGNATES FIELD PURCHASED ITEMS

D-094

NO.	DATE	REVISION	DRFTR.	CKNTD.	ENGR.	LEAD
0	9/19/08	INITIAL RELEASE	KB	JVS	TH	CLB

BECHTEL
SAN FRANCISCO

D.A.E.C.
DUANE ARNOLD ENERGY CENTER
PAD.D.TA

P & I.D
VENTILATION SYSTEM & OFF GAS STACK REACTOR BUILDING

DRAWING NO. BECH-M176<1>-LR REV. 0

BASE P&ID REV 18

LR LEGEND:

- COMPONENTS IN SCOPE PER 10CFR54.4(a)(1) AND/OR (a)(3) AND SUBJECT TO AMR PER 54.21
- COMPONENTS NOT SUBJECT TO AMR
- COMPONENTS IN SCOPE PER 10CFR54.4(a)(2) AND SUBJECT TO AMR PER 54.21
- SYSTEM BOUNDARY INTERFACE
  - 72.00 STANDBY GAS TREATMENT SYSTEM
  - 72.01 OFF-GAS EXHAUST