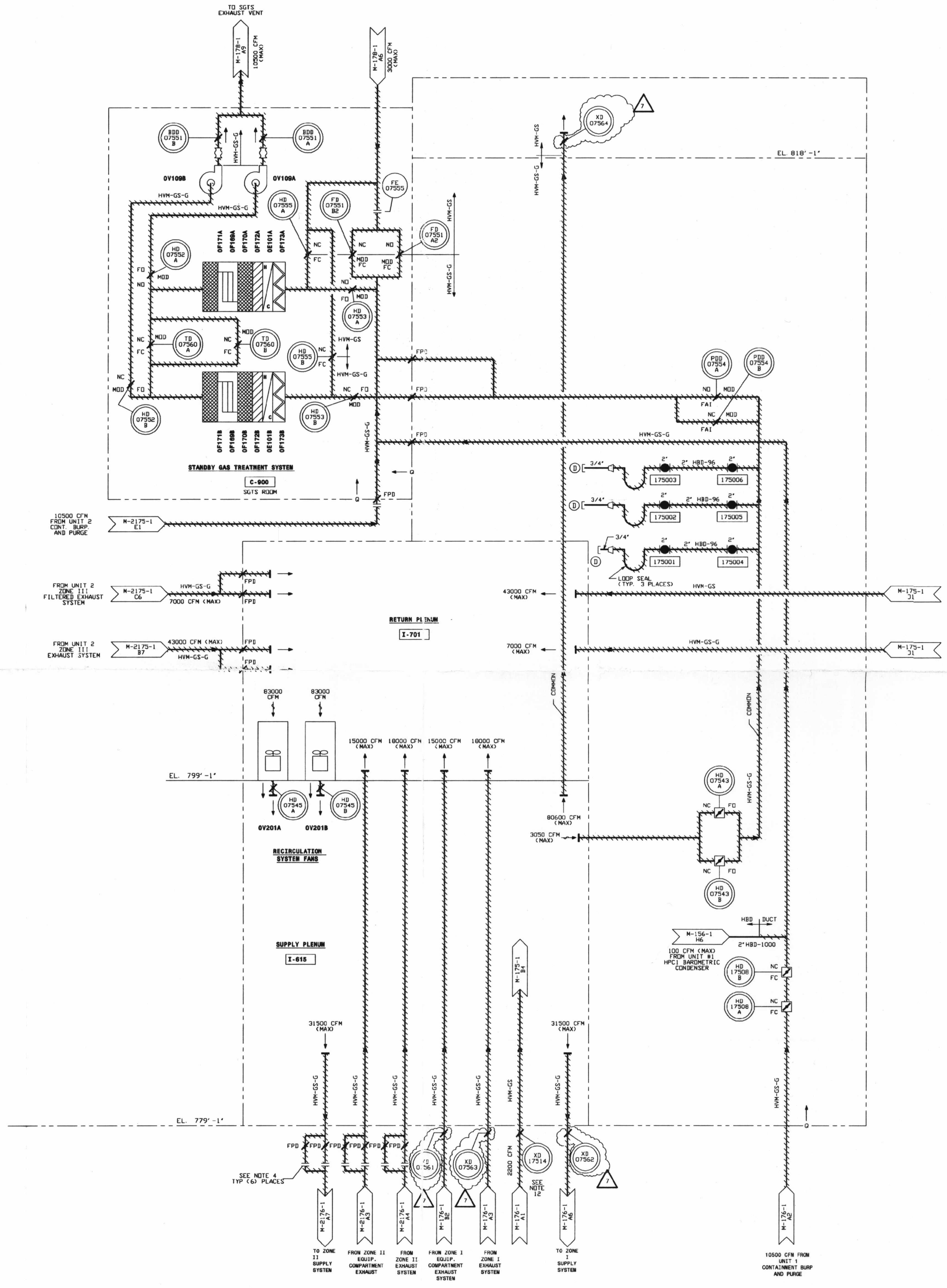
TO SGTS EXHAUST VENT
STANDBY GAS TREATMENT SYSTEM
C-900
SGTS ROOM
EL. 818'-1"
10500 CFM FROM UNIT 2 CONT. PURP AND PURGE
FROM UNIT 2 ZONE III FILTERED EXHAUST SYSTEM
FROM UNIT 2 ZONE III EXHAUST SYSTEM
RETURN PLENUM
I-701
43000 CFM (MAX)
7000 CFM (MAX)
EL. 799'-1"
RECIRCULATION SYSTEM FANS
SUPPLY PLENUM
I-615
EL. 779'-1"
SEE NOTE 4 TYP (6) PLACES
TO ZONE II SUPPLY SYSTEM
FROM ZONE II EQUIP. COMPARTMENT EXHAUST
FROM ZONE II EXHAUST SYSTEM
FROM ZONE I EQUIP. COMPARTMENT EXHAUST
FROM ZONE I EXHAUST SYSTEM
TO ZONE I SUPPLY SYSTEM
10500 CFM FROM UNIT 1 CONTAINMENT PURF AND PURGE
100 CFM (MAX) FROM UNIT 1 HPCI BAROMETRIC CONDENSER

NOTES:

FOR NOTES AND REFERENCES SEE SHEET 1.

12. THE RAILROAD ACCESS SHAFT CAN BE ALIGNED TO SECONDARY CONTAINMENT VENTILATION ZONES 1, 3 OR A NO-ZONE, DEPENDING ON THE POSITION OF DAMPERS, DOORS, WALLS AND HATCHES.
THE NORMAL VENTILATION ALIGNMENT FOR THE RAILROAD ACCESS SHAFT IS A NO-ZONE (THE SUPPLY AND EXHAUST DAMPERS ARE CLOSED). WHEN THE RAILROAD ACCESS SHAFT IS ALIGNED AS SECONDARY CONTAINMENT ZONE 3, THE SUPPLY CFM IS 2000, AND THE EXHAUST CFM IS 2200.

13. NOTE REMOVED

14. DAMPER XD-17586 CONTAINS A SINGLE BLADE WHICH IS PERMANENTLY GAGGED CLOSED IN ACCORDANCE WITH CR# 211647.

15. PER DCP 352940, APPROXIMATELY 5' OF THIS DUCTWORK IS CONSTRUCTED AS HVM-GS. SEE STUDY EC-034-1029.

AE DRAWING NO.	PPL DRAWING NO.

REFERENCE DRAWINGS

REV	DESCRIPTION	APPROVED
7	INCORPORATED DCN 2004-0295 & DCN 2004-0296	DRAWING APPROVAL ATTACHED TO NIMS MEDIA AS 'APPROVAL HISTORY'

SUSQUEHANNA S. E. S.
UNIT 1
P&ID
REACTOR BLDG. AIR FLOW DIAGRAM
ZONE III

AREA N/A | ELEV N/A | SCALE NONE

PPL CORP.

PPL DRAWING NO.	SHEET NO.	REV. NO.
E106280	2	7
AE DRAWING NO. M-175	SHEET NO. 2	

D-01