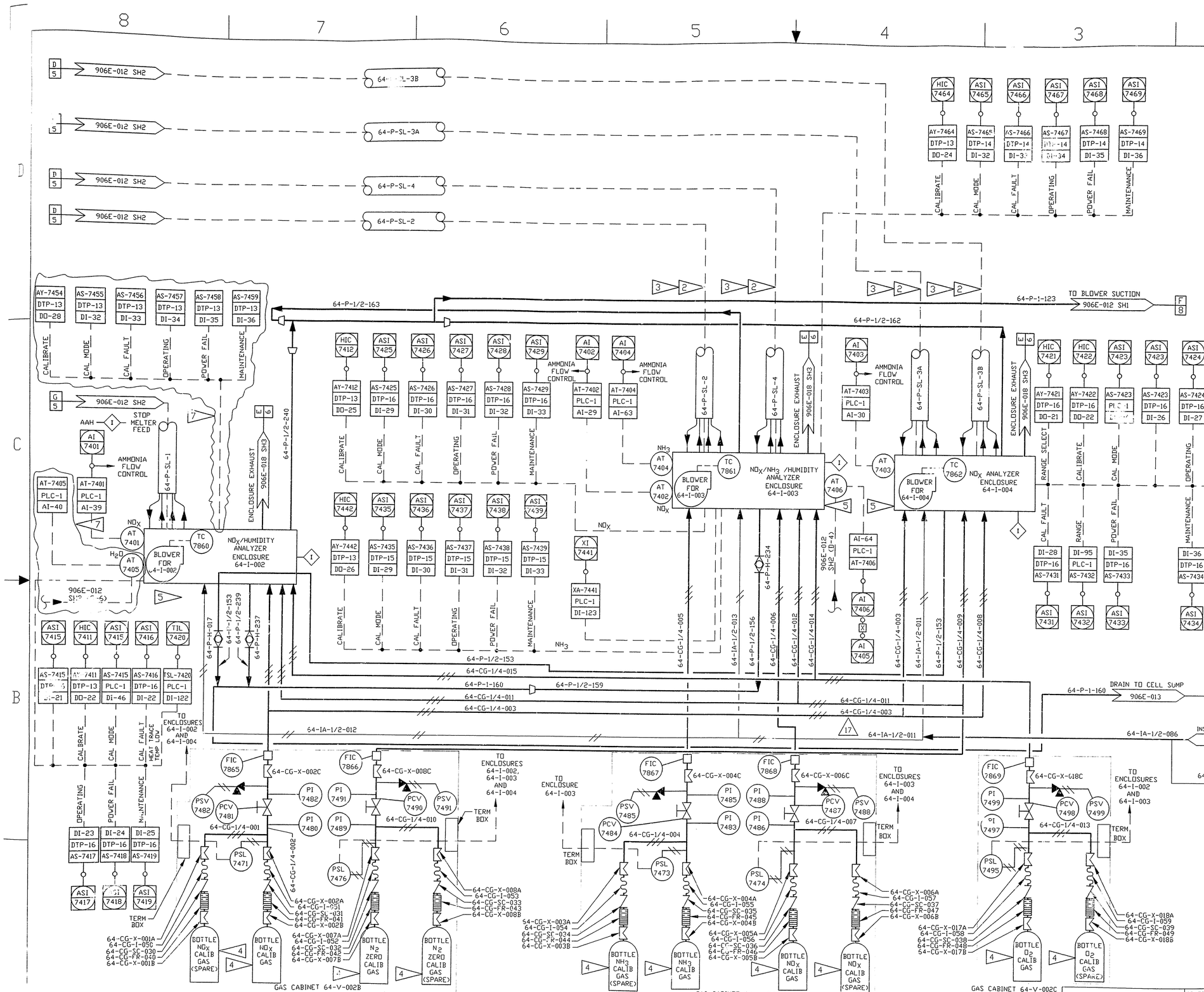
VERIFY ALL DOCUMENTS FOR CURRENT REVISION AND PENDING CHANGES PRIOR TO EACH USE.
INIT_____ DATE_____



NOTES:

1. ALL SAMPLE PROBES CONTAIN HEATED FILTERS, LINERS AND A THERMOCOUPLE TO MONITOR HEAT TRACE TEMERATURE.
2. SAMPLE LINE BUNDLE ROUTING SHOULD BE AS VERTICAL AS POSSIBLE. MINIMUM SLOPE OF 5° SHALL BE MAINTAINED THROUGHOUT THE LENGTH OF THE SAMPLE LINE
3. ALL SAMPLE LINE BUNDLES INCLUDE SAMPLE GAS TUBE, CALIBRATION TUBE, AND FILTER BLOW BACK TUBE. ALL SAMPLE LINES HAVE SELF-LIMITING HEATING ELEMENT AND A THERMOCOUPLE TO MONITOR HEAT TRACE TEMPERATURE. SAMPLE LINE BUNDLES 64-P-SL-1 AND 64-P-SL-2 ALSO CONTAIN A CALIBRATION TUBE FOR HUMIDITY ANALYZERS. SAMPLE PROBES, SAMPLE LINE BUNDLES, AND THERMOCOUPLES PROVIDED BY THE ENCLOSURE SUPPLIER (ECOSPHERE ENVIRONMENTAL). ALL THE BULKHEAD CONNECTIONS FOR SAMPLE LINES, CALIBRATION TUBES, AND ELECTRICAL CONDUITS ARE FROM THE TOP OF THE ANALYZER ENCLOSURES.
4. EACH PAIR OF CALIB GAS CYLINDERS WILL HAVE ITS OWN PRESSURE REGULATOR AND PRESSURE SWITCH.
5. EACH ENCLOSURE CONTAINS ALL THE CONTROLS FOR OPERATION OF THE ENCLOSED ANALYZERS, SAMPLE PROBES, AND SAMPLE LINES. ENCLOSURE 64-I-002 CONTAINS NOx AND HUMIDITY ANALYZER. ENCLOSURE 64-I-003 CONTAINS NOx, AMMONIA, HUMIDITY ANALYZER, AND PROGRAMMABLE LOGIC CONTROLLER (PLC) ENCLOSURE 64-I-004 CONTAINS NOx ANALYZER. ALL THE MANUAL AND SOLENOID VALVES FOR ANALYZER CALIBRATION ARE LOCATED INSIDE THE APPROPRIATE ENCLOSURE. FOR DETAILS OF THE ENCLOSURES, SEE SUPPLIER DRAWINGS.
6. ALL INSTRUMENT NUMBERS PREFIXED BY SYSTEM NO 64.
7. HUMIDITY ANALYZER AI-7405, PROBE HD-1, AND TUBING & WIRING ABANDONED IN PLACE

REFERENCE DRAWINGS:

VF P&ID MELTER OFF-GAS SYSTEM	906E-012
VF P&ID MELTER OFF-GAS SYSTEM	906E-013
VF P&ID MELTER OFF-GAS SYSTEM	906D-014
INSTRUMENT AIR SYSTEM P&ID	906E-016
HVAC AIR FLOW DIAGRAM AND P&ID	906D-018
SYMBOLS NOTES & LEGEND	900D-1306
SYMBOLS NOTES & LEGEND	900D-1307
SYMBOLS NOTES & LEGEND	900D-1308

QTY REQD	ITEM NO.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	MATERIAL OR SPEC

PARTS LIST

REV	DESCRIPTION	APVD	MV	PAN	PAN	ZB	HAK	ABR	GLS	HAJ	KQ	HAB	HAB	HAB	HAB	HAB	HAB	HAB
2	REVISED & REDRAWN PER ECN#5929 SRC 02/19/93	DRS	KMD															
3	GEN REV PER ECN#6137 SRC 04/01/93																	
4	ECN 6136 SRC 04/04/93																	
5	ECN 6283 LHS 05/05/93																	
6	GEN REV - ECN 7207 MJC 03/18/94																	
7	ECN 7933 SRD 08/25/94																	
8	ECN 8810 RJW 04/12/95																	
9	ECN NOx-0996 DMM 05/15/95																	
10	ECN 9373 MJL 10/25/95																	
11	ECN 9654 SAB 02/20/96																	
12	ECN 9695 SAB 03/06/96																	
13	ECN 9726 & 9753 DAK 3/26/96																	
14	ECN 9786 SAB 3/26/96																	
15	ECN 10317 JHS 12/15/96																	
16	ECN 11087 BP 11/25/97																	
17	ECN 11176 AAJ 6/25/98																	

UNLESS OTHERWISE SPECIFIE

TOLERANCES-DO NOT SCALE

2 PL DEC	3 PL DEC	ANGLES
± N/A	± N/A	± N/A

FRACTIONS ± N/A

D.SPEC.NO. E5929

NEXT ASSEMBLY

DRAFTER Y. PATEL	DATE 07/16/90	A/E CONTRACT NO
CHECKER P. PANANCI	DATE 07/16/90	CODE IDENT NO
ENGR. R. LEWKO	DATE 07/16/90	FOR
COG. ENGR. S. SHAKEN	DATE 09/16/94	WEST VALLEY NUCLEAR SERVICES CO.,INC. WEST VALLEY, NEW YORK
COG.MGR.APPVL F. STOREY	DATE 07/16/90	
SYS.ENGR.APPVL F. TULIPANO	DATE 07/16/90	VF P&ID MELTER EX-CELL OFF-GAS SYSTEM
Q.A.APPVL	DATE	
DFTG.SUPR.	DATE	

DWG SIZE D | SCALE NONE | WEIGHT | DWG NO. 906D-015 | REV 17 | A/E DWG NO. | SHEET 1 OF 1 | PLOT 1=1

CAD DRAWING-DO NOT REVISE THIS ORIGINAL

1=100 F015D001

Thu Jun 25 15:41:24 1998 DRS