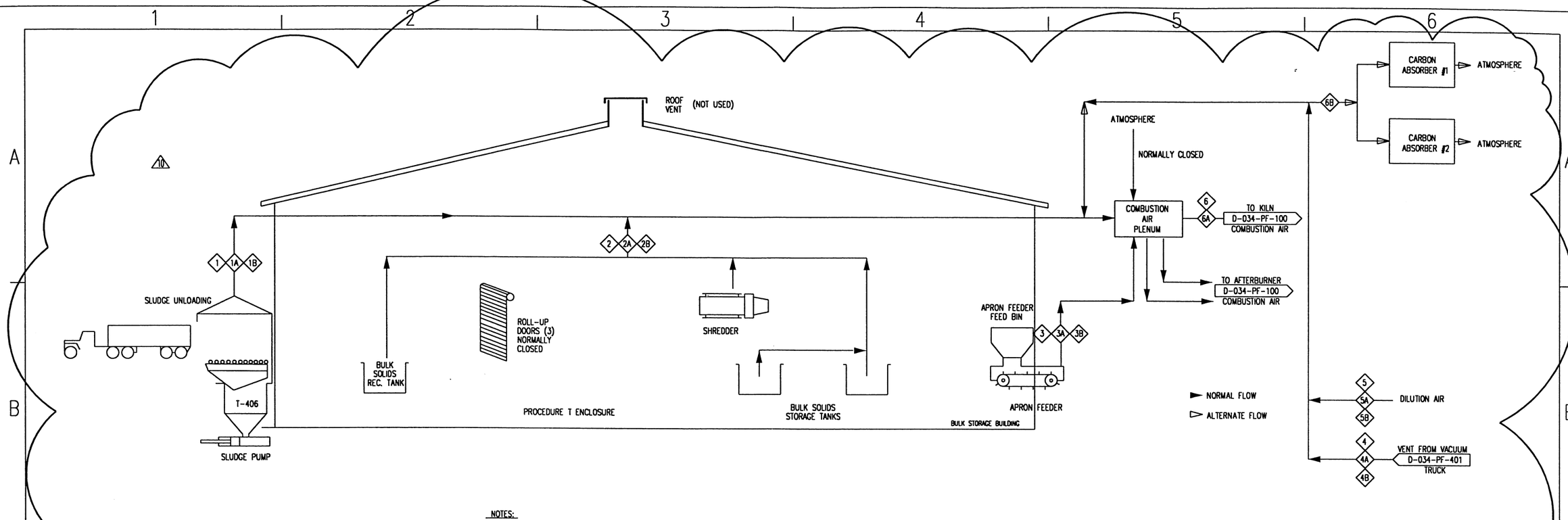

NOTES:

1. SLUDGE STORAGE TANK AND DECANTING PROCESS VENTS ARE CONNECTED TO THE HYDROCARBON VENT SYSTEM, DRAWING NUMBER PF-604.
2. COMBUSTIBLES ANALYZER MONITORS FOR ACCIDENTAL HIGH VAPOR CONCENTRATIONS. OPERATOR CAN ADJUST DAMPERS AND OPEN ATMOSPHERIC INLET TO DILUTE VAPORS FROM FUGITIVE SOURCE.
3. VENTILATION SYSTEM WILL BE DIRECTED TO CARBON SYSTEM. WHEN INCINERATION TEMPERATURE DROPS BELOW 1400°F FOR 10 MINUTES OR WHEN THE COMBUSTION AIR FANS ARE OFF.

LICENSED PROFESSIONAL ENGINEER
KARL D. LIBSCH
No. 334380-2202
4-21-03
STATE OF UTAH

POINT	FLOW TO INCINERATOR WITHOUT VENT FROM VACUUM TRUCK						FLOW TO INCINERATOR WITH VENT FROM VACUUM TRUCK						BACKUP OPERATION – FLOW TO CARBON ABSORBERS					
	1	2	3	4	5	6	1A	2A	3A	4A	5A	6A	1B	2B	3B	4B	5B	6B
AREA	SLUDGE UNLOADING	PROCEDURE T ENCLOSURE	APRON FEEDER	VENT FROM VACUUM TRUCK	DILUTION AIR	TOTAL FROM FUME COLLECTION SYSTEM	SLUDGE UNLOADING	PROCEDURE T ENCLOSURE	APRON FEEDER	VENT FROM VACUUM TRUCK	DILUTION AIR	TOTAL FROM FUME COLLECTION SYSTEM	SLUDGE UNLOADING	PROCEDURE T ENCLOSURE	APRON FEEDER	VENT FROM VACUUM TRUCK	DILUTION AIR	TOTAL FROM FUME COLLECTION SYSTEM
NORMAL OPERATION (ACFM)	600	10,525	875	0	0	12,000	600	5,300	875	185	5,040	12,000	150	2150	0	0	0	2300
CAPTURE VELOCITY FT/MIN	N/A	400	350 CFM / 1' WIDTH	N/A	N/A	N/A	N/A	202	350 CFM / 1' WIDTH	N/A	N/A	N/A	N/A	391	N/A	N/A	N/A	N/A

ALL VALUES ARE TYPICAL

INTERLOCK DESCRIPTION

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
9	CORRECTIONS TO NOTES AND TABLE	11-27-02	KL			
10	GENERAL REVISION	04-16-03	KL			
2	GENERAL REVISION	08-25-92	RGP COG		JV	
3	AS BUILT UPDATE	06-08-93	DCP JV			CHW
4	AS BUILT FOR STEAM MANAGEMENT	08-16-94	DCP			

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
5	CHANGED DESCAGGER STEAM VENT SYSTEM	07-01-98	CRM			
6	CHANGED TRUCK UNLOADING VENT SYSTEM &	04-12-99	CRM			
7	ADDED CARBON BACK UP SYSTEM					
7	ADDED TRANSFER TANKER TO TANKER	4-11-01	GVC			
8	REMOVED SCREEN & FAN; EDITED DIAMONDS & TABLE	10-07-02	KL	LC		

APPROVALS

	BY	DATE
DRAWN	DCP	08-16-94
CHECKED		
ELEC		
MECH		
STRUCT		
PROJECT ENG		
ENGINEERING MGR		
AS BUILT		

REGISTERED PROFESSIONAL ENGINEER
DATE:

CleanHarbors
ARAGONITE LLC

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TITLE
UTAH ENVIRONMENTAL SERVICE CENTER
INCINERATION PLANT FOR INDUSTRIAL WASTE
CLOSED VENT SYSTEM FLOWSHEET

FOR TOOELE SITE
CAD NO. AP344J
SCALE
JOB NO.
SKETY-KLEEN DWG NO. D-034-PF-603
REV 10