K-402 BARREL DECANTING EXHAUST FAN | A-401 BARREL DECANTING HOOD | A-402 CARBON ABSORBER (COAL BASED) 6 | C-430 DECANT FEED CONVEYOR | C-431 DECANT FEED CURVE CONVEYOR | C-432A/B DECANT SCALE CONVEYOR | C-433 DECANT DISCHARGE CURVE CONVEYOR | C-434 DECANT DISCHARGE CONVEYOR | F-401 DECANT STEEL DUPLEX STRAINER | F-403 A/B DECANT FILTER, REGULATOR, LUBRICATOR | F-404 DECANT FILTER REGULATOR | F-405A/B DECANT FILTER REGULATOR | K-402 DECANT ROOM VENTILATION FAN | P-402A DECANT DIAPHRAGM PUMP 6 | V-403 VACUUM RECEIVER | P-407 VACUUM PUMP | V-402 PORTABLE LIQUID STORAGE CONTAINER | X-405A/B DECANT SCALES

WATER D-034-PI-609 — VC-18A — 1" — VG-10A
FUEL OIL D-034-PI-605 — VC-18A — 1" — 1" — VB-12D
NITROGEN D-034-PI-605 — VC-18A — VB-10A
VC-10A — VB-10A — 1"NL-150CC-491
PCV 4009 — PI — FO 4008 — VC-18A
PLANT AIR D-034-PI-606
6 — S — SS XXX — ON (SMK) OFF — 1"
D" — S — I 408-1 408-2
1/2" VB-10A — TO E BUILDINGS — HORN — AA 4015 — S — SV 4015 — AA 4015
1/2" VB-10A — E — DPF 1 DI — I 408-1 FLASHING RED — TO BREATHING AIR
VB-10A — TRAP — FQ 4101 — FQ 4102 — VB-18B — P-402A
VB-10A — 2"WL-150CD-401 — VB-18B — F-401
2"WL-150CD-235 — VB-18B — VB-10A
3"X 2" — VC-18A — VB-18B — 3"WL-150CD-235 — TO TANK FARM D-034-PI-301 T-311
3"X 2" — VC-18A — VB-18B — 3"WL-150CD-236 — TO TANK FARM D-034-PI-301 HEADER "B"
3"X 2" — VC-18A — VB-18B — 3"WL-150CD-237 — TO TANK FARM D-034-PI-301 T-306 & "C" HEADER

M — A-402 — W/48x - 23"x23"x1" CARBON TRAYS (COAL BASED) — VENT TO ATMOSPHERE — K-402
BARREL PUNCH — E4 ROOF LINE — DECANT ROOF LINE — A-401
COMPATIBILITY JAR HOOD — COMPATIBILITY SAMPLING — CONTAINER RECEIVING
VB-18B — DECANT WAND — DECANTED CONTAINERS — FORKLIFT
TO DIRECT D-800-PI-102 FEED CONVEYORS
TO SHREDDER D-034-PI-401
TO BULK D-034-PI-401 SOLIDS BUILDING

COOLING TOWER WATER SUPPLY — COOLING TOWER WATER RETURN — ABANDONED IN PLACE
"F" — 30"HG - 30 PSI — PI — "F"
P-407 — V-403 — DRAIN — DRAIN — VB-18B
OIL TRAP SF-432 — "F" — "F"
VB-18B — 2" HYG-025CF-372 — TO KILN D-800-PI-316 COMBUSTION AIR

PSV 4105 A — PI — 1" — 2" — LSH 4106 A — LSHA 4106 A
HV 4107 A — 2" — 2" — VB-18B — V-402 MOBILE GROUND CLAMP — ABANDONED IN PLACE
LSHA 4106 B — D-800-PI-316
SV 4107 A — S — AS — SS 4107 A DECANT TANKFARM
VIA FORKLIFT — TRANSPORTABLE VESSELS TO KILN

"F" C-430 C-431 C-432A C-432B C-433 C-434 "F"
M — SS ON OFF — PB JOG — X-405A — X-405B — ABANDONED IN PLACE

REGISTERED PROFESSIONAL ENGINEER — No. 7207431-2202 — JOHN WILLIAM CALDWELL — 01/11/16 — STATE OF UTAH

INTERLOCK DESCRIPTION

408-1 IF O2 NOT BETWEEN 19.5% AND 22% OR LEL ABOVE 20% HORN BLOWS FOR 30 SEC, RED LIGHT FLASHES, PUMP SOLENOID CLOSES.
408-2 IF FAN STOPPED PUMP SOLENOID CLOSES

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
0	FOR PROCESS	04-19-91	DVD	DCP		JV
1	AS BUILT UPDATE	01-13-94	DCP	GVC		CHW
2	NEW CRBN HOUSE, FAN, FLW MTRS	05-11-94	DCP			
3	TO CORRECT DRAFTING ERRORS	04-08-98	CRM			
4	ADDED BACKFLOW PREVENTER	2-15-00	GVC			

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
5	AS BUILT DECANTING INTO DBV	3-29-00	GVC			
6	ADD COMPATIBILITY STATION AND GENERAL REVISION	7-5-06	KDL			
	ADD CONTROL VALVE FOR DECANT PURGE, AND					
	2015 PSM-PHA REQUIRED UPDATES.	11/02/15	MJM	LB		

APPROVALS

	BY	DATE
DRAWN	DCP	03-01-85
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 WASTES
BLDG. E-4 DECANT P&ID

FOR TOOELE SITE | CAD NO. IA137N | SCALE | JOB NO | APTUS DWG NO D-800-PI-408 | REV 6