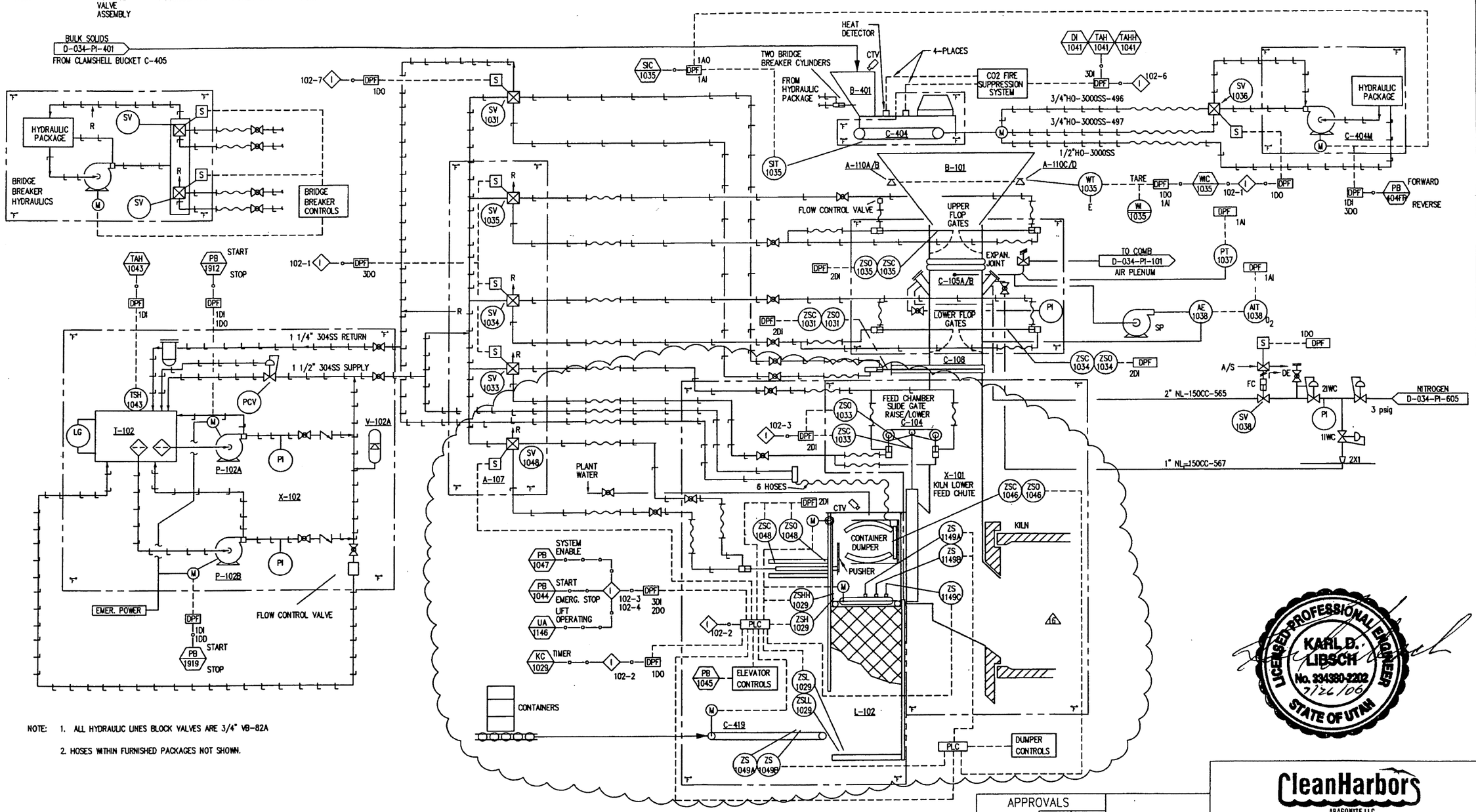
T-102	A-107	V-102A	X-102	P-102A/B	B-401	C-404	C-404M	C-108	C-105 A/B	L-102	C-419	C-104	X-101	B-101	A-110 A-D
HYDRAULIC OIL TANK	HYDRAULIC CONTROL VALVE ASSEMBLY	HYDRAULIC OIL ACCUMULATOR	HYDRAULIC POWER UNIT	HYDRAULIC OIL PUMP	APRON FEEDER BIN	APRON FEEDER	CONVEYOR HYDRAULIC PUMP	SLIDE GATE	FEED CHUTE DOUBLE FLOP GATES	KILN BARREL FEED ELEVATOR	KILN ELEVATOR LOADING CONVEYOR	FEED CHAMBER SLIDE GATE	KILN LOWER FEED CHUTE	BULK SOLIDS WEIGH BIN	WEIGH BIN LOAD CELLS



NOTE: 1. ALL HYDRAULIC LINES BLOCK VALVES ARE 3/4" VB-82A

2. HOSES WITHIN FURNISHED PACKAGES NOT SHOWN.

INTERLOCK DESCRIPTION

102-1 APRON FEEDER AND FLOP GATE SEQUENCE
102-2 CONTAINER CONVEYOR AND ELEVATOR SEQUENCE
102-3 OPEN DISCHARGE GATE WHEN ELEVATOR IS IN POSITION
102-4 FLOP GATES AND ELEVATOR DISCHARGE GATE MUST NOT OPEN AT SAME TIME

102-6 APRON FEEDER TO BE SHUTDOWN & DAMPER CLOSED ON SECOND HIGH TEMP. DETECTION.
102-7 SLIDE GATE TO OPEN AFTER TOP FLOW GATE CLOSES AND CLOSE AFTER LOW FLOP GATE CLOSES. SV TO OPEN WHILE SLIDE GATE IS OPEN

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
4	ADDED FOGGING NOZZLES WITH CONTROLS	9-24-01	GVC			
5	ADDED NITROGEN PURGE	05-15-02	LCC			
6	ADDED BARREL DUMP	07-13-06	LCC			
8	REMOVED LABELS FROM CONVEYOR SYS.	06-10-97	CRM			
9	TO CORRECT DRAFTING ERRORS	04-06-98	CRM			

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
10	ADDED POSITION SWITCH	11-10-98	CRM			
11	AS BUILT HYDRAULIC PIPE	9/15/99	GVC			
12	ADDED SLIDE GATE	6-20-00	GVC			
13	REMOVED X-119, HIC4014, & REF. TO DRAWING D-800-PI-410	11-16-00	GVC			

APPROVALS

	BY	DATE
DRAWN	CRM	04-06-98
CHECKED		
ELEC		
MECH		
STRUCT		
PROJECT ENG		
ENGINEERING MGR		
AS BUILT		

REGISTERED PROFESSIONAL ENGINEER
DATE: _____

LICENSED PROFESSIONAL ENGINEER
KARL D. LIBSCH
No. 334380-2202
7/26/06
STATE OF UTAH

CleanHarbors
ARAGONITE LLC

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TITLE
UTAH ENVIRONMENTAL SERVICE CENTER
INCINERATION PLANT FOR INDUSTRIAL WASTES
P&ID KILN FEED SYSTEM

FOR TOOELE SITE | CAD NO. IH779X
SCALE | JOB NO | SAFETY-KLEEN DWG NO D-034-PI-102 | REV 16