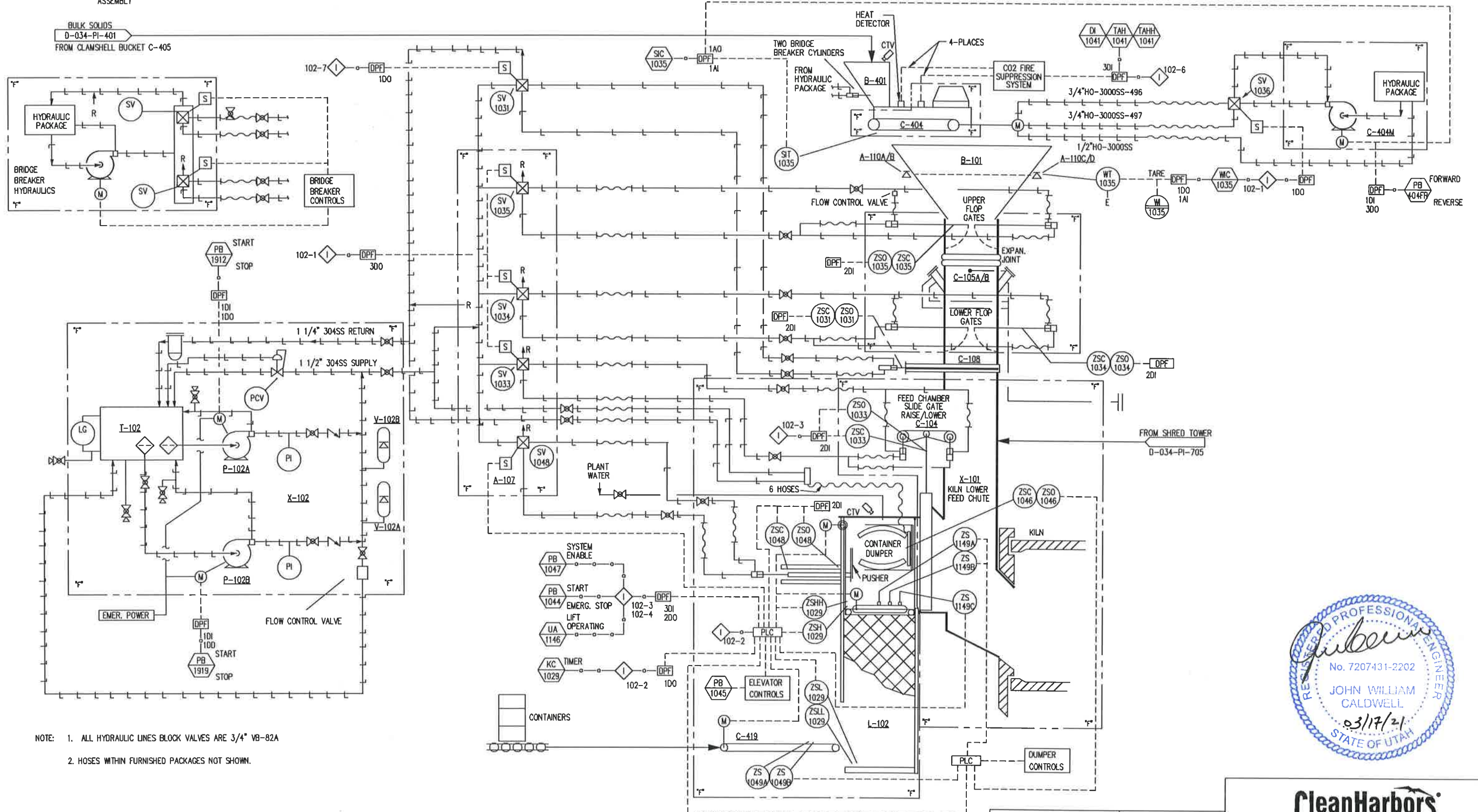
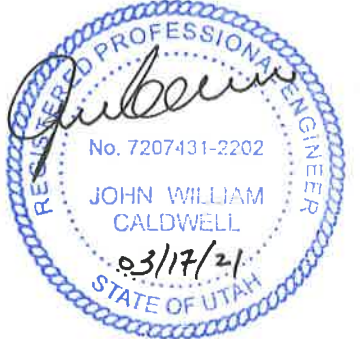
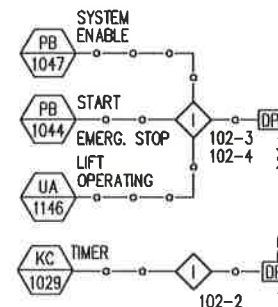


I-102 HYDRAULIC OIL TANK
 A-107 HYDRAULIC CONTROL VALVE ASSEMBLY
 Y-102A/B HYDRAULIC OIL ACCUMULATORS
 X-102 HYDRAULIC POWER UNIT
 P-102A/B HYDRAULIC OIL PUMP
 B-401 APRON FEEDER BIN
 C-404 APRON FEEDER
 C-404M CONVEYOR HYDRAULIC PUMP
 C-108 SLIDE GATE
 C-105 A/B FEED CHUTE DOUBLE FLOP GATES
 L-102 KILN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

A
 B
 C
 D



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	07-13-08	LCC		
7	UPDATED PER 2016 KILN PHA	12-12-16	MM	TL	
8	ADDED P-102B RETURN DRAIN VALVE	10-24-18	JWR	TL	JWR

REVISIONS					
NO	DESCRIPTION	DATE	BY	CHK	ENG MGR
9	ADDED SHRED TOWER INPUT	3-07-19	PEC		
10	AS-BUILT	03-16-21	KB	TH SS	KB
11	ADDED SLIDE GATE	6-20-00	GVC		
12	REMOVED X-119, HIC4014, & REF. TO	11-16-00	GVC		
13	DRAWING D-800-PI-410				

APPROVALS	
BY	DATE
DRWN	04-08-08
CHEK	
ELEC	
MECH	
STRUCT	
PROJECT ENG	
ENGINEERING MGR	
AS BUILT	

REGISTERED PROFESSIONAL ENGINEER
 DATE:

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

FOR: TOOELE SITE
 SCALE: JOB NO: CAD NO. #1779
 SAFETY-KLEEN DWG NO. D-034-PI-102
 REV 20