



NOTE:  
 1- ALL HYDRAULIC LINES SHALL HAVE A HIGH POINT VENT WITH A 1/2" VB-82A BALL VALVE. (TYP. 20 PLC'S THIS DWG.)  
 2- ALL HYDRAULIC LINE BLOCK VALVES SHALL BE 3/4" VB-82A (TYP. 20 PLC'S THIS DWG.)

INTERLOCK DESCRIPTION
401-1 BARREL ELEVATOR RAISE/LOWER
401-2 BARREL IN POSITION TO RAISE ELEVATOR
401-3 BARREL IN/OUT OF ELEVATOR
401-4 BARREL ELEVATOR CONVEYOR ON/OFF MOVEMENT
401-6 BARREL RECYCLE CONVEYOR CONTROL
401-8 BARREL DUMPER MOVEMENT CONTROL
401-9 UPPER FLOP GATES & BARREL DUMP GATES CANNOT OPEN SIMULTANEOUSLY

REVISIONS						
NO	DESCRIPTION	DATE	BY	CHK	ENG MGR	NO
1	ISSUED FOR CONSTRUCTION	07-07-89	MU		JV	1
2	ADDED DAMPER TAGS	01-15-90	JM	WCC	JV	2
3	AS BUILT UPDATE	01-12-94	DCP			3
4	PUMPING FROM P-406 TO T-403	05-18-99	CRM			4
5	DIVIDER IN T-404B; ITEMS OUT OF SERVICE	10-21-08	KL			5

REVISIONS						
NO	DESCRIPTION	DATE	BY	CHK	ENG MGR	NO
1	AS BUILT					1

APPROVALS		
	BY	DATE
DRAWN	CRM	10-07-98
CHECKED		
ELEC		
MECH		
STRUCT		
PROJECT ENG		
ENGINEERING MGR		
AS BUILT		

REGISTERED PROFESSIONAL ENGINEER  
 DATE: \_\_\_\_\_

**CleanHarbors**  
 ENVIRONMENTAL SERVICE CENTER

TITLE: UTAH ENVIRONMENTAL SERVICE CENTER INCINERATION PLANT FOR INDUSTRIAL WASTES P&ID SOLIDS HANDLING

FOR: TOOLE SITE  
 SCALE: JOB NO: CAD NO. IH775J  
 SAFETY-KLEEN DWG NO. D-034-PI-401  
 REV 4