F-306A/B/C
DUPLEX STRAINERS

P-303A/B
BLEND PUMPS

P-312
"R" HEADER
TRANSFER PUMP

BLEND HEADER "G"
D-034-PI-314

BLEND HEADER "H"
D-034-PI-314

4"WL-150CD-118-1"ET

VP-18H

3"WL-150CD-118

1"NL-150CC-603

½

1½X1

DUPLEX STRAINERS
F-306A

PB 1227 START STOP

SS 1227 REMOTE LOCAL

PB 1229 START STOP

TSH 1227

TE 1227

M

I

PC 4DI

PC 1DI 1DO

PI 3322

VP-18G 1"

3"X1½"

P-303A

DRIP PAN

VC-18A

VP-18G

3"WL-150CD-227-1"ET

VP-18G 1"

VP-18G 3"WL-150CD-227-1"ET BLEND HEADER "E" D-034-PI-314 TO BLEND TANKS

VP-18G 3"WL-150CD-217-1"ET WASTE LIQUID D-034-PI-314 HEADER "A"

NONE 1"ET VP-18G 3"WL-150CD-218 WASTE LIQUID D-034-PI-314 HEADER "C"

VP-18G 3"WL-150CD-219-1"ET WASTE LIQUID D-034-PI-314 HEADER "B"

4"WL-150CD-119-1"ET

VP-18H

3"WL-150CD-119

½

1"NL-150CC-602

DUPLEX STRAINERS
F-306B

PB 1235 START STOP

SS 1235 REMOTE LOCAL

PB 1237 START STOP

TSH 1235

TE 1235

M

I

PC 4DI

PC 1DI 1DO

PI 3323

VP-18G 1"

3"X1½"

P-303B

DRIP PAN

VC-18A

VP-18G

3"WL-150CD-228-1"ET

VP-18G 1"

VP-18G 3"WL-150CD-228-1"ET BLEND HEADER "F" D-034-PI-314 TO BLEND TANKS

VP-18G 3"WL-150CD-229-1"ET WASTE LIQUID D-034-PI-314 HEADER "A"

1"ET NONE VP-18G 3"WL-150CD-230 WASTE LIQUID D-034-PI-314 HEADER "C"

3"WL-150CD-231-1"ET WASTE LIQUID D-034-PI-314 HEADER "B"

BLEND HEADER "E"
D-034-PI-305

BLEND HEADER "F"
D-034-PI-305

FROM 3"WL-150CD-123
D-034-PI-315

3"WL-150CD-249

FROM TANK T-312
D-034-PI-310

4"WL-150CD-196-1"ET

1"ET NONE
OUTSIDE BLDG. INSIDE BLDG.

VP-18H

4"X3"

VP-18G 1"

½

1"NL-150CC-606

1½"NL-150CC-601

DUPLEX STRAINERS
F-306C

4

PB 1237 START STOP

SS 1237 REMOTE LOCAL

PB 1239 START STOP

I

PC 4DI

PC 1DI 1DO

M

PI 3324

VP-18G 1"

3"X1½"

P-312

DRIP PAN

VC-18A

VP-18G

3"WL-150CD-201

VP-18G 1"

NONE 1"ET VP-18G 3"DW-150CD-875-1"ET DRAIN WATER D-034-PI-603

NONE 1"ET VP-18G 3"WL-150CD-201-1"ET WASTE LIQUID D-034-PI-315 HEADER "A"

VP-18G 3"WL-150CD-202 WASTE LIQUID D-034-PI-315 HEADER "C"

NONE 1"ET VP-18G 3"WL-150CD-203-1"ET WASTE LIQUID D-034-PI-315 HEADER "B"

1½"NL-150CC-601

1½"NL-150CC-601 NITROGEN D-034-PI-314

D-034-PI-605

1½"NL-150CC-600

1½"NL-150CC-605

1½"NL-150CC-605 NITROGEN D-034-PI-315

INTERLOCK DESCRIPTION

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
0	ISSUED FOR CONSTRUCTION	07-07-89	MU	IRB		JV
1	AS BUILT UPDATE	12-30-93	DCP	GVC		
2	NEW NITROGEN LINES TO PUMPS	03-01-94	DCP			
3	CONNECTED HDRS G TO F & H TO E	06-24-96	DCP			
4	REMOVED TEMP. SWITCH FROM P-312	11-03-98	CRM			CVC

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR

APPROVALS

	BY	DATE
DRAWN	DCP	06-24-96
CHECKED		
ELEC		
MECH		
STRUCT		
PROJECT ENG		
ENGINEERING MGR		
AS BUILT		

LICENSED PROFESSIONAL ENGINEER
No. 158595
JUAN G. LUCERO, JR.
STATE OF UTAH

REGISTERED PROFESSIONAL ENGINEER
DATE: 11-24-98

safety-kleen

SAFETY-KLEEN (ARAGONITE), INC.
11600 NORTH ATTUS ROAD, ARAGONITE, UT. 84029

TITLE
UTAH ENVIRONMENTAL SERVICE CENTER
INCINERATION PLANT FOR INDUSTRIAL WASTES
P&ID BLEND & TRANSFER PUMPS

FOR TOOELE SITE

CAD NO. IH783K

SCALE

JOB NO

SAFETY-KLEEN DWG NO D-034-PI-313

REV 4