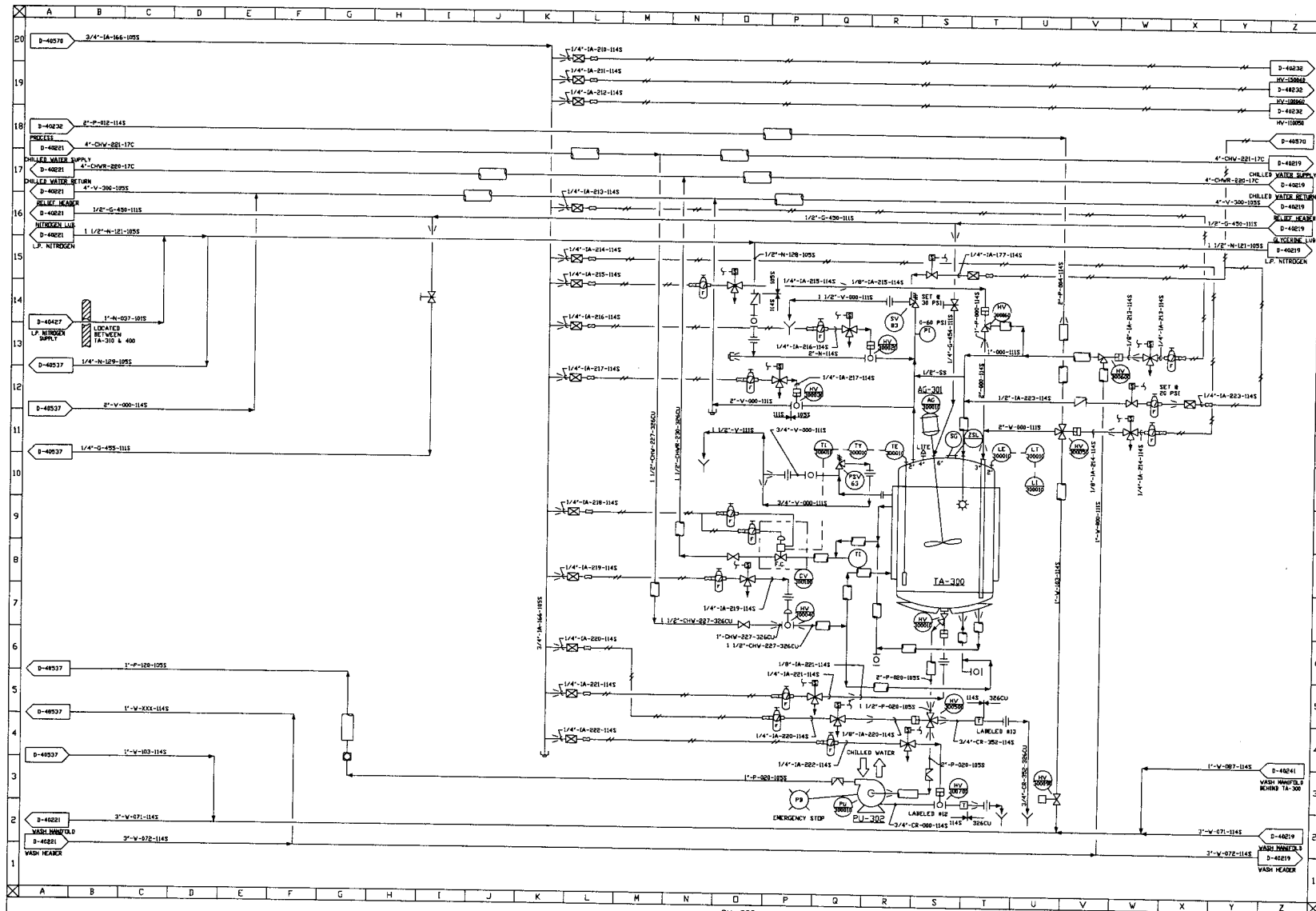

NOTES:

1. PIPE LINE #'S CORRESPOND TO THE ORIGINAL PIPE LINE #'S, USED ON DWGS. #E-19296, E-19297, E-19298, E-19415 UNLESS NOTED OTHERWISE
2. THE LAST INSTRUMENT AIR LINE NUMBER USED ON THIS DWG. IS 223.
3. LINE NO'S AVAILABLE FOR INSTRUMENT AIR 224-234.

DWG. NO./CAD FILE CROSS REFERENCE	
DRAWING NO.	CAD FILE NO.
D-40005	LEADSHTM.DWG
D-40219	PI069288.DWG
D-40221	PI069270.DWG
D-40232	PI069281.DWG
D-40241	PI069290.DWG
D-40427	PI069476.DWG
D-40537	PI069556.DWG
D-40570	PI069819.DWG

LEGEND:

F.O. = FAIL OPEN
F.L. = FAIL LAST POSITION
F.I. = FAIL INDETERMINATE
F.C. = FAIL CLOSED

ELECTRICAL
PNEUMATIC LINE

PLUG VALVE
GATE VALVE
3-WAY VALVE
REDUCER
UNION
BALL VALVE
CAP
DIAPHRAGM VALVE
PLUG
PISTON ACTUATOR
DIAPHRAGM ACTUATOR
SOLENOID ACTUATOR
PRESS. RELIEF VALVE
PLUG VALVE
TRAP
PUMP
MOTOR

INSTRUMENT SYMBOLOGY:

LOCAL
PANEL FRONT (LOCAL)
PANEL REAR (LOCAL)
PANEL FRONT (CONTROL ROOM)
PANEL REAR (CONTROL ROOM)
INSULATION
SIGHT GLASS
ANGLE VALVE
CLEANING BALL
CHECK VALVE
LIGHT FIXTURE
AGITATOR
CONTROL VALVE W/ I/P TRANSDUCER & POSITIONER

REV	DATE	GRID	DESCRIPTION	PROJ	BY	CHK	APP
2	11-10-95		REVISED PER ENGINEERING COMMENTS		WO'C	-	-
1	2-3-95		REVISED PER ENGINEERING COMMENTS		WO'C	-	-
0	2-1-95		DRAWING APPROVED		WO'C	-	-

[redacted]

PIPING AND INSTRUMENTATION DIAGRAM BLENDING TANK TA-300

[redacted]

PU-302

DESCRIPTION: TRANSFER PUMP
I.D. NO. MCC'A'
CAPACITY:
MFG./MODEL/SIZE: TRI CLOVER SP
TYPE OF SEAL:
MOTOR DATA:RELIANCE TYPE P,3510 RPM, 7.5 HP
MAT'L OF CONSTR.: 213T FRAME

TA-300

DESCRIPTION: BLENDING TANK (W/ COIL)
ID: NSD E-48987
OPER. PRESS.: 30 PSI MAX.
SIZE: 250 GAL.
DESIGN VACUUM PRESS.: 30 PSI (MAX)
DESIGN TEMP. 274 °F
MAT'L OF CONSTRUCTION: STN. STL.
EQUIP. FINISH:

AG-301

DESCRIPTION: AGITATOR
ID. No.
HP/RPM
TYPE/DIA IMPELLER
TYPE OF SEALS
MAT'L OF CONSTRUCTION
MOTOR DATA

PI069269.DWG

File: H:\GPS\CHECKOUT\PI069269.DWG Last edited: MAR. 27, 01 @ 08:45 a.m. by: Regueram