INSTRUMENT LIST

INSTR #	QTY	DESCRIPTION
FE-100	1	DANIEL OR EQUAL 2" 600# SCH/80 JR METER-RUN, (48"F/F), AGA 3C 2000 PIN TYPE FLOW CONDITIONER. SWEET
LC-100	1	NORRISEAL 1001A LEVEL CONTROLLER, 2" MNPT RIGHT HAND MOUNT, c/w 1 7/8" x 12" PVC VERTICAL DISPLACER. SWEET
LCV-100	1	NORRISEAL MODEL 2220 LEVEL CONTROL VALVE, 2" NPT, 1/2" TRIM, FAIL CLOSE, SWEET
LG-100	1	DANIEL OR EQUAL 51 RL REFLEX LEVEL GAUGE, C/W 1-S-VALVES, SWEET
PI-100	1	1/2" BM, LF DS 0-1500 PSI 4" FACE SS IN/OUT. SWEET
PI-200	1	1/4" BM, LF DS 0-300 PSI 2-1/2" FACE SS IN/OUT. SWEET
PRV-201/202	2	FISHER MODEL 67CFR INSTRUMENT GAS REGULATOR, 1/4" FNPT CONNECT. 250 PSIG MAWP, 5 TO 35 PSIG SPRING RANGE. SWEET
PSV-100	1	TAYLOR MODEL 8200, 1" x 1" NPT RELIEF VALVE, SET @ 1440 PSI. SWEET SERVICE
TI-100	1	-40 TO 160°, DS, 3" FACE DUAL X 6" STEM, c/w 316 SS THERMOWELL 3/4"X 1/2"X6"

VALVE LIST

TYPE	QTY	DESCRIPTION
BALL VALVE	2	2" 600# RF F.P. BALL VALVES, STD.
BALL VALVE	3	2" 2000# NAVCO H1 SST R.P. BALL VALVES
BALL VALVE	1	1" 2000# NAVCO H1 SST R.P. BALL VALVES
BALL VALVE	1	1" 2000# NAVCO H1 R.P. BALL VALVES (SWEET, INSTRUMENT AIR)
BALL VALVE	2	3/4" 2000# H1 SST R.P. NAVCO BALL VALVES
BALL VALVE	3	1/2" 2000# H1 SST R.P. NAVCO BALL VALVES
BALL VALVE	2	1/4" 2000# H1 SST R.P. NAVCO BALL VALVES (SWEET, INSTRUMENT AIR)
GLOBE VALVE	1	2" 600# RF GLOBE VALVES, SWEET
NEEDLE VALVE	1	1/2" F x F 6000# C.S. NEEDLE VALVES, SWEET
NEEDLE VALVE	1	1/4" F x F 6000# C.S NEEDLE VALVES (SWEET, INSTRUMENT AIR)

NOTES:

1. TUBING FITTINGS: CS (CAD. PLATED), PARKER A-LOK
2. TUBING: 304 SST, WELDED, 3/8" TO BE 0.035" WALL, 1/2" & 3/4" TO BE 0.049" WALL
3. THREADED FITTINGS: 3000#, SA-105N
4. THREADED PIPE AND NIPPLES ON PROCESS PIPING: 1/2" TO 4" SCH.160
   THREADED PIPE AND NIPPLES ON SWEET FUEL GAS & I/A PIPING: SCH.80, SA-106-B
5. WELDING PIPE/FITTING/FLANGE SCHEDULE, GASKET/STUD/NUTS, NDE, X-RAY AND PWHT REQUIREMENT:
   REFERENCE TRINITY PLATINUM SPEC PES-A-01 FOR 150# SWEET SERVICE PROCESS PIPING
   REFERENCE TRINITY PLATINUM SPEC PES-C-01 FOR 600# SWEET SERVICE PROCESS PIPING
   -
6. PAINT SPEC: SURFACE PREP.: SSPC-SP#6 (COMMERCIAL BLAST)
7. SKID AND PIPING PAINT:
   - ONE COAT OF PRIMER
   - ONE COAT OF FINISH DTM F34 WARM GREY
8. BUILDING:
   - 6'-0" WIDE X 8'-0" LONG, SHOP FIT EAVE, THERMAL PANEL WALLS, SHED ROOF
   - EXTERIOR: GALVALUME
   - INTERIOR: GALVALUME
   - THERMAL PANEL WALLS/ROOF
   - (1) 3'-0" x 7'-0" SINGLE DOOR c/w IWG GLASS, PANIC-LOCK, CHECK CHAIN, WEATHER STRIPPING & THRESHOLD
   - (2) 12" x 12" LOUVER VENTS
9. ALL ELECTRICAL BY OTHERS

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NOTES:

REFERENCE DRAWINGS		REV	DESCRIPTION	BY	DATE	CHK'D	APP'D
PID-01	PIPING & INSTRUMENTATION DIAGRAM	A	ISSUED FOR CONSTRUCTION	EB	18-04-04	BX	DG

ENGINEER'S STAMP

DRAWN BY	EB	18-04-04
CHK'D BY	BX	18-04-04
APP'D BY	DG	18-04-04
CAD REF 30620-PID-02.dwg	SCALE	NTS

PLATINUM ENERGY SERVICES ULC
A Trinity Industries Canada Company
CALGARY, ALBERTA

CLIENT: STOCK

TITLE: 24"OD x 7'-6" S/S 1440 PSI 3 PH DRESS 2PH SWEET SEPARATOR PIPING & INSTRUMENTATION DIAGRAM-BOM

JOB NO.	DRAWING NO.	REV
30620	30620-PID-02	0

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