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H-100/101/102
CATADYNE BUILDING HEATER
24" x 24" 20,000 BTU/HR
12 VDC, SWEET NATURAL GAS
c/w GRILL, HOOD, CABLES, CLAMPS,
TC 100% SHUT OFF
HOLD

V-100
INLET SEPARATOR
60" OD x 20'-0" S/S
MAWP: 720 Psi @ -20/125°F
V-30701
BUILT BY PENFABCO

V-200
FUEL GAS SRCUBBER
SIZE: 6" x 36"
c/w FLOAT SHUT OFF
MAWP: 285 PSI
SWEET SERVICE
HOLD

EX-100
BUILDING EXHAUST FAN
16" EXHAUST FAN
120VAC C/W HOOD & DAMPER
ELECTRICAL BY OTHERS
HOLD

PESC SCOPE OF SUPPLY

4" 150# RF PSV OUT — TP E — 4-FL-0009-PES-A-03 — 150# 300# — PSV 100 — 3"-300#x4"-150# SET @ 720 Psi — HOLD

12" 600# RF INLET — TP A — 12-PF-0001-PES-C-03 — 2"-300# — 1/2" — 12"x6" — PCV 100 — 6" 600# FC 600# 300# — 12"x6" — 1/2" — 2"-300# — 1/2" — 12-PF-0002-PES-B-03 — HOLD

NOTE #14 — PC 100 — 1/2"

SKID LIMIT

12" 300# — N1 — 3-FL-0008-PES-B-03 — 3" 300# — N7

V-100

24" 300# — M1

SKID LIMIT

3/4" — PI 100 — 1/2" — N3 — 2" 300# — TI 100 — N4 — 2" 300# — N5A 2"-300#

LG 100 — 3/4" — N8 3" 300# — N10 3" 300# — N5B 2"-300#

LC 100 — N12 3"-300# — HOLD

N14 3"-300# — HOLD — LC 110 — N13 3"-300# — N6A 2"-300# — N6B 2"-300# — 3/4"

LG 110 — 3/4" — N9 3" 300# — N11 3" 300#

1/2" — 1/2"-D-0017-PES-B-03 — 3"x2" — 3"x2" — 3"x2" — 3"x2" — 1/2"-D-0016-PES-B-03

1/2" TUBING — 3/4" TUBING — 3/4" TUBING 3/4-D-0015-PES-B-03

HOLD — FQI 110 — 2"-300# YS — 10PD — 5PD — 1/2" — 2"-300# — 2"-300# — 2"-300#

LCV 110 — FC 2"-300# — FUTURE PROVER TAPS 2"-300# 2"-300# — 2"-300# — 2"-300#

2-PL-0005-PES-B-03

3-PL-0004-PES-B-03 — 3"x2" — TP D — 3" 300# RF OIL OUT

HOLD — FQI 100 — 2"-300# YS — 10PD — 5PD — 1/2" — 2"-300# — 2"-300# — 2"-300#

LCV 100 — FC 2"-300# — FUTURE PROVER TAPS 2"-300# 2"-300# — 2"-300# — 2"-300#

2-PW-0007-PES-B-03

2"-300# — 3/4" — 1/2" — 3"x2" — 3-PW-0006-PES-B-03 — TP C — 3" 300# RF H_2O OUT/DRAIN

HOLD

DP-100 — NOTE #13 — 1/2" — 1/4" — VENT O/S

DP-101 — 5V — 1/2" NOTE #13 — 1/4" — VENT O/S

FE 100 — VTA

1/2" 1" — 8"-300# — 12"x8" — 8"-300# — 1" 1/2" 3"-300# — 8-PG-0003-PES-B-03 — TP B — 8" 300# RF GAS OUT

HOLD

VENTED O/S BUILDING — 12 VDC CABLE BY OTHERS — H-102 — TCV — PRV — PRV — 1/4" — TC 100% — 6

VENTED O/S BUILDING — 12 VDC CABLE BY OTHERS — H-101 — CONTROLS C/W HEATER — TCV — PRV — PRV — 1/4" — TC 100% — 5

VENTED O/S BUILDING — 12 VDC CABLE BY OTHERS — H-100 — CONTROLS C/W HEATER — TCV — PRV — PRV — 1/4" — TC 100% — 4

HOLD

120V — ELECTRICAL BY OTHERS — EX-100 — HOLD

PESC SCOPE OF SUPPLY

PRV 330 — PRV 320 — PRV 310 — PI 300 — 1/4" — 1"x1/4" — 1" — 3 2 1

HOLD

PI 200 — PSV 200 1" x 1" NPT SET @ 250 Psi — 1/4" — 1"x1/4" — 6 5 4 — 1" — 1-FL-0012-PES-A-01 — TP H — 1" 3000# NPT FUEL GAS PSV OUTLET

1-FG-0011-PES-A-01 — TP G — 1" 3000# NPT FUEL GAS SUPPLY (SWEET)

300# SOUR — 150# SWEET — 3/4" TUBING 3/4-D-0014-PES-B-03 — 3/4" — 3/4" — 1"x3/4" — V-200

HOLD

1-IA-0013-PES-A-01 — TP F — 1" 3000# NPT INSTRUMENT AIR INLET (SWEET)

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH PID-02/03

NOTES:
1. SEE GENERAL NOTES ON DRAWING PID-03.
2. SEE INSTRUMENT LIST ON BOM DRAWING PID-02.
3. SEE MANUAL VALVE LIST ON BOM DRAWING PID-03.

REFERENCE DRAWINGS		REV	DESCRIPTION	BY	DATE	CHK'D	APP'D
PID-03	MANUAL VALVE LIST						
PID-02	INSTRUMENT LIST						
SKD-01	STRUCTURAL STEEL						
GA-01	GENERAL ARRANGEMENT	0	ISSUED FOR CONSTRUCTION	LL	19-02-27	BX	DG

ENGINEER'S STAMP

DRAWN BY	LL	19-02-27
CHK'D BY	BX	19-02-27
APP'D BY	DG	19-02-27
CAD REF	30702-PID-01.DWG	SCALE NTS

CLIENT: STOCK

PLATINUM ENERGY SERVICES
CALGARY, ALBERTA

TITLE: 60" OD x 20'-0" S/S 720 Psig HORIZONTAL SEPARATOR PIPING & INSTRUMENTATION DIAGRAM

JOB NO.	DRAWING NO.	REV
30702	30702-PID-01	0

L:\TRANSFERS\UNIT NUMBER'S\30000\30702\30702-PID-01.DWG