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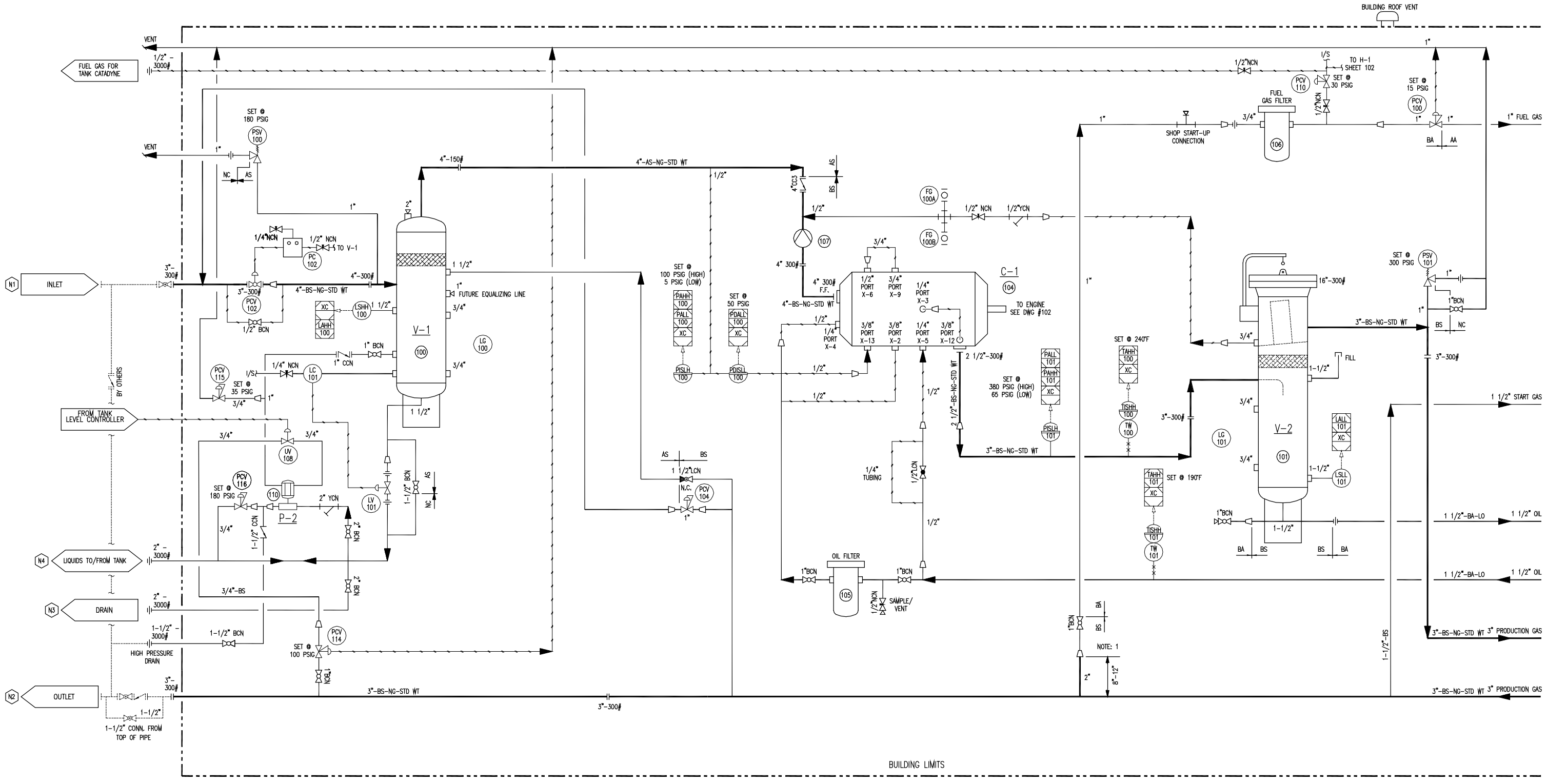
V-1
INLET SEPARATOR
SIZE: 20"O.D. x 60"S/S
M.A.W.P.: 245 PSIG @ 250°F
M.D.M.T.: -20/250°F
C.A.: 0.125"
WEIGHT: 775 LBS

P-2
LIQUID PUMP
MANUFACTURER: YAMADA
MODEL: NDP-50 BAN-HP
M.A.W.P.: 200 PSIG
WEIGHT: 12 LBS

C-1
GAS COMPRESSOR
MANUFACTURER: SULLAIR
MODEL: PDH12-G2
INPUT SPEED: 1800 RPM
MAX PS: 140 PSIG
MAX PD: 400 PSIG
WEIGHT: 850 LBS

V-2
OIL SEPARATOR
SIZE: 16"O.D. x 61.25" S/S
M.A.W.P.: 450 PSI @ 250°F
M.D.M.T.: -20/250°F
C.A.: 0.125"
WEIGHT: 1500 LBS



NPT/SW PIPE WT CHART

SIZE	PIPE SPECIFICATION							
	NC	AA	BA	CA	AS	BS	CS
1/2"	80	80	80	160	XXH	XXH	XXH
3/4"	80	80	80	160	160	160	XXH
1"	80	80	80	160	160	160	XXH
1 1/4"	80	80	80	160	160	160	XXH
1 1/2"	80	80	80	160	160	160	XXH
2"	80/STD	80/STD	80/STD	160/80	160/XH	160/XH	XXH/160

GENERAL NOTES

- ELECTRICAL CLASSIFICATION: CLASS 1, DIV. 2, GROUP D
- COMPRESSOR OIL TYPE: CCNG1
- ENGINE OIL TYPE: ESSO GMA-40 OR EQUAL
- COOLANT TYPE: 50/50 EG
- LUBE OIL CAPACITIES
  - ENGINE: 7.5 GALLONS
  - COMPRESSOR: 18 GALLONS
- COOLANT CAPACITY
  - SYSTEM TOTAL: 44 US GALLONS
- TUBING TO BE SS. FITTINGS TO BE CADMIUM PLATED W/ SS PRIMARY FERRULE & CS SECONDARY FERRULE.
- INTRINSICALLY SAFE WIRING TO BE TWO CONDUCTOR, 18 AWG, PVC COVERING AND PVC SHEATH, TINNED COPPER WITH STAINLESS STEEL BRAID.
- ALL PROCESS PIPING TO COMPLY WITH ANSI B31.3

NOTES

1. TAKE FROM TOP OF PIPE

REV.	DESCRIPTION	DATE	BY	APPR.
4	AS-BUILT	JAN 25/06	T.K.	
3	REVISIONS TO SUCTION & VENT OF LIQUID PUMP	JAN 31/06	J.H.	
2	ADD CONN. FOR FUEL GAS TO TANK CATADYNE	JAN 18/06	J.H.	
1	ADD LIQUID PUMP FOR LIQUIDS FROM V1	DEC 21/05	B.R.	
0	ISSUED FOR CONSTRUCTION	DEC 19/05	B.R.	

STAMPS

P&ID
CC135 UNIT
NGC JOB# 16370

CONCEPT COMPRESSION CORP.

DRN. BY	E. PETERS	DATE	OCT 05/05
CHK. BY		DATE	
APR. BY		DATE	
P.O. No.	100545	P.O. No.	

FOR
DEVON CANADA
TALBOT LAKE COMPRESSOR
LSD: 13-21-97-10-W5

DWG. No. 100545-101 REV. No. 4