

K-101A/B
AIR COMPRESSOR
MATTEI M-88-E
58 SCFM @ 125 PSIG
MAWP: 150 PSIG
S/N (A): TBA
S/N (B): TBA

M-101A/B
ELECTRIC MOTOR
WEG PREMIUM EFFICIENT W-21
15 H.P./1800 RPM
FRAME: 254T0Z
460V/3PH/60Hz, TEFC
DOUBLE SHAFT
S/N (A): TBA
S/N (B): TBA

E-101A/B
AIR/OIL COOLER
AKG MODEL# AOC-15
MAWP: 250 PSIG @ 250°F.
CRN: 0H0909-2316

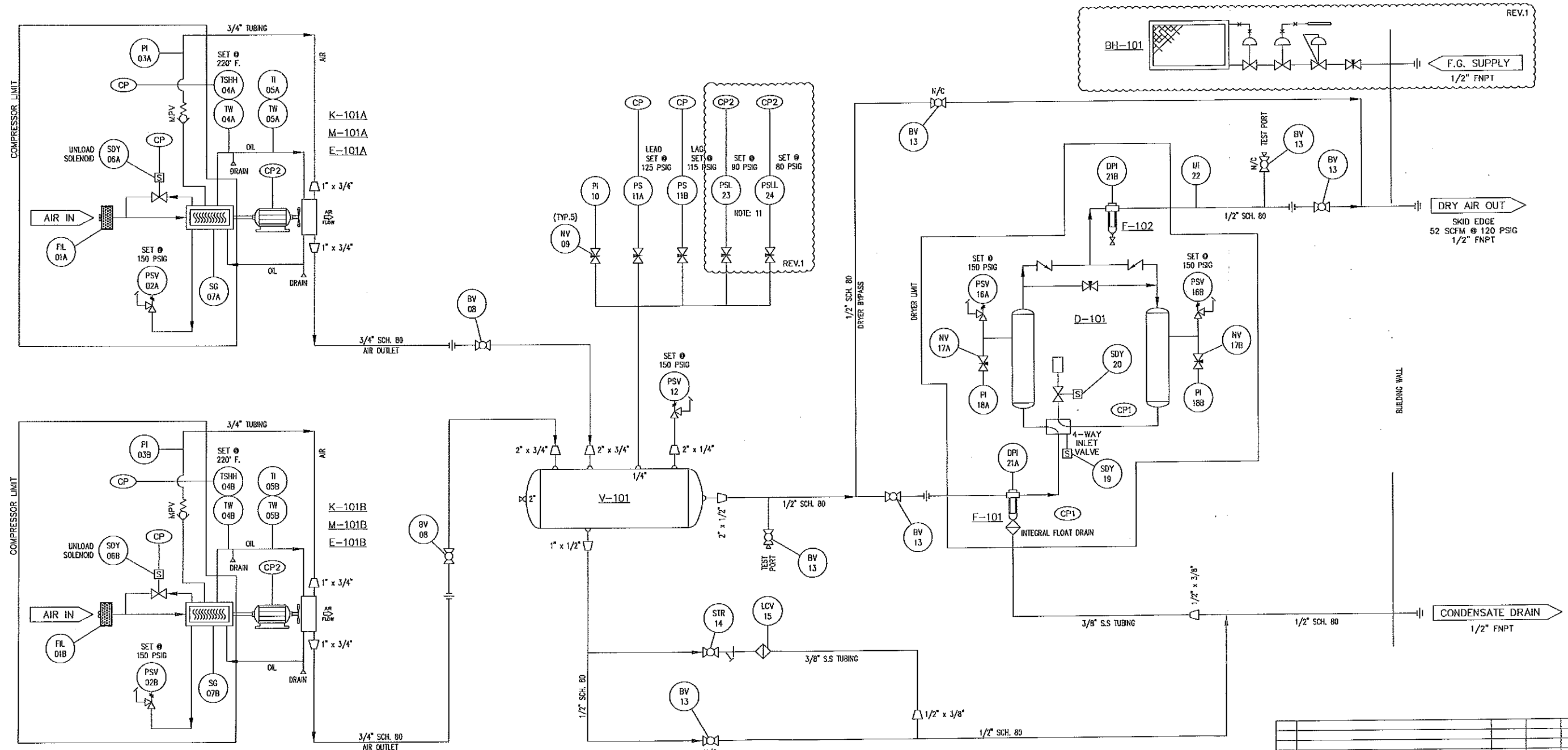
V-101
HORIZONTAL WET AIR RECEIVER
STEEL FAB A1003B w/ TOP PLATE
MAWP: 200 PSIG @ 450°F.
NOMT: -20°F @ 200 PSIG.
240 GAL., 30" x 84" LG.
S/N: TBA
CRN: TBA
A#: TBA

D-101
HEATLESS AIR DRYER
AIRTEK OFC50E
61 SCFM @ 125 PSIG
MAWP: 150 PSIG
115V/1 PH/60 Hz
NEMA 7, CL.1, DIV.2
S/N: TBA
CRN: TBA

F-101
PRE-FILTER
AIRTEK COALESCER JC0050-C
61 SCFM @ 125 PSIG
MAWP: 150 PSIG
0.01 MICRON FILTER
c/w INTEGRAL FLOAT DRAIN

F-102
AFTER FILTER
AIRTEK PARTICULATE JC0050-F
101 SCFM @ 125 PSIG
MAWP: 150 PSIG
0.9 MICRON FILTER
MANUAL DRAIN

BH-101
BUILDING HEATER
CATADYNE MK1824
120V START VOLTAGE, CL.1, DIV.1
N.G. MAX INPUT: 15,000 BTU/HR
(MAX: 4.393 kW)



GENERAL NOTES

- ALL PIPING TO BE DESIGNED IN ACCORDANCE WITH ASME B31.3.
- MAXIMUM ALLOWABLE WORKING PRESSURE IS 150 PSIG.
- MAXIMUM ALLOWABLE WORKING TEMPERATURE IS 120 °F.
- AIR TEST PRESSURE IS 165 PSIG.
- ALL INTER-CONNECTING PIPING TO BE SCH. 80 WALL A106B, ENAMEL PAINTED (RUSTOLEUM GREY # 906 OR EQUIVALENT).
- ALL INTER-CONNECTING PIPE FITTINGS TO BE 3000# A105, ENAMEL PAINTED (RUSTOLEUM GREY # 906 OR EQUIVALENT).
- ALL INSTRUMENT & DRAIN TUBING TO BE STAINLESS STEEL WITH 316SS FITTINGS.
- COMPRESSOR & DRYER PAINTED AS PER MANUFACTURER STANDARD.
- DRYER PURGE RATE TO BE SET @ 7.5 SCFM. DRYER SET FOR -40 °F DEWPOINT.
- ALL BALL VALVES TO BE MA STEWART, 2000# WOG.
- PSL-23 & PSL-24: SUPPLIED & INSTALLED BY NWE (TERMINATED @ DEVICE), TO BE WIRED & CONTROLLED THROUGH CLIENT PLC.

CP — MAIN CONTROL PANEL
CP1 — DRYER CONTROL PANEL
CP2 — WIRED BY CUSTOMER

CPC DWG No.: MDR-017-VEN-000-0008

Northwest Equipment Ltd.				
PROCESS & INSTRUMENT DIAGRAM				
DUPLIX MATTEI M-88-E ROTARY VANE INSTRUMENT AIR COMPRESSOR				
CLIENT	ANDERSON ENERGY LTD. c/o PRECISION ENG. LTD.	SCALE	NTS	
LOCATION	ALBERTA	DWN BY	DP	
LSD	6-16-38-4 WSM	DATE	10-02-10	REV
JOB	NW763	DWG	NW763PF	1