

002-EF-21-1182/1183

BUILDING EXHAUST FANS

ENER-TECH ET20-2
12 ACPH TOTAL

002-EFM-21-1182/1183

BUILDING EXHAUST FAN MOTORS

1/2 HP, 575/3/60 XP

002-V-21-1116

HEAT MEDIUM EXPANSION VESSEL

48" (1219mm) I.D. x 10'-0" (3048mm) 5/8
213 PSIG D.P. @ -20/556F + 1/16" C.A.
1468 kPag D.P. @ -29/180C + 1.5mm C.A.

002-PM-21-1111/1113

PUMP MOTORS

40 HP, 575VAC/3PH/60HZ, 3500 RPM, TEFC MOTOR

002-P-21-1111/1113

PUMPS

DEAN RWA-4166 - 3x4x8.5 - 7.375" IMPELLER
HORIZONTAL CENTRIFUGAL PUMP
372 USGPM + MIN. FLOW 109 USGPM @ 200'
84.5 cuMPH + MIN. FLOW 24.8 cuMPH @ 61M

002-UHG-21-1180/1181

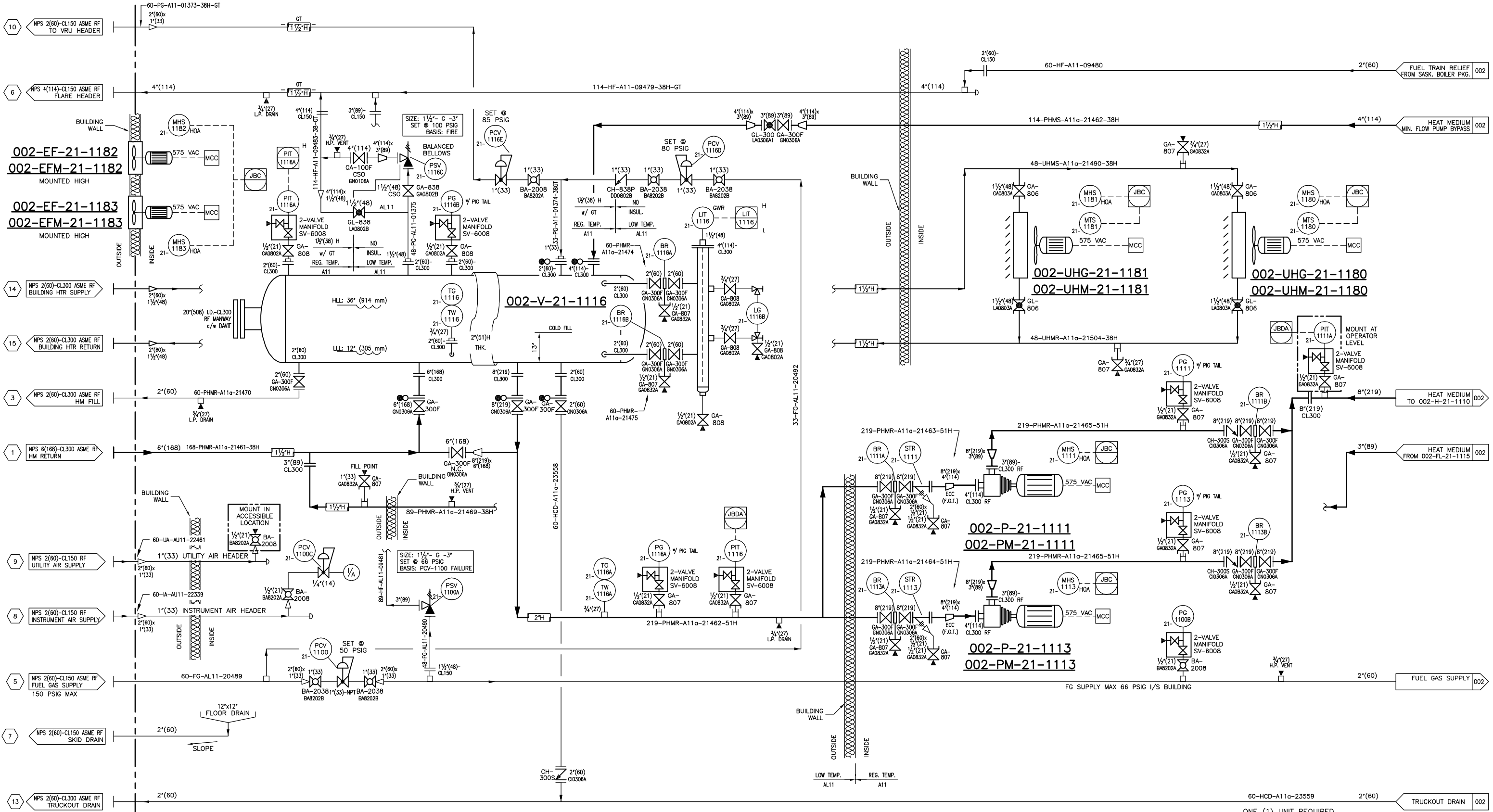
BUILDING HEATER

RUFFNECK AH UNIT HEATERS
MODEL AH-16A-A5
1/4" THERMOSTAT

002-UHM-21-1180/1181

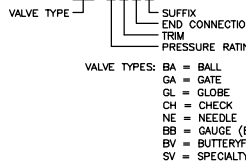
BUILDING HEATER MOTOR

1/2 HP, 575/3/60



VALVE TAGGING

GA-818



PRESSURE RATINGS: 1 = CL150 ASME
3 = CL300 ASME
6 = CL600 ASME
8 = CL800 API
9 = CL900 ASME
15 = CL1500 ASME/CL1500 API
20 = 2000 WOG¹
25 = CL2500 ASME/CL2500 API
30 = 3000 WOG¹
40 = 4000 WOG¹
60 = 6000 WOG¹

TRIM: 0 = STANDARD
1 = SOUR LOW TEMPERATURE
2 = SOUR LOW TEMPERATURE
3 = LOW TEMPERATURE
4 = HIGH TEMPERATURE
5 = STAINLESS STEEL

END CONN.: 0 = RF
1 = RTJ
6 = SW
7 = NPT x SW
8 = NPT
9 = MNPT x FNPT

SUFFIX: F = FULL PORT
S = SWING CHECK
P = PISTON CHECK

¹WOG PRESSURE RATINGS ONLY
APPLY TO THREADED AND SOCKET-
WELDED BALL VALVES.

NOTES:

- * ITEMS SUPPLIED BY SASKATOON BOILER.
- ** ITEMS SUPPLIED BY CLIENT & INSTALLED BY ALCO.
- *** DENOTES METERS REQUIRING A MIN. STRAIGHT PIPE LENGTH OF 10' UPSTREAM & 5' DOWNSTREAM.
- NITROGEN BOTTLES, HOSES AND CONNECTORS SUPPLIED AND INSTALLED BY OTHERS.
- ALL INSTRUMENTS SHALL BE TAGGED AS FOLLOWS:
002-XX-21-XXXX, SO PG-1116 WOULD BE TAGGED:
002-PG-21-1116.

GENERAL LEGEND:

- DENOTES PNEUMATIC TIE-IN.
- DENOTES PNEUMATIC COMPRESSOR PANEL TIE-IN.
- DENOTES CAPILLARY TIE-IN.
- DENOTES ELECTRICAL TIE-IN (BY OTHERS).
- DENOTES ELECTRICAL JUNCTION BOX TIE-IN.
- DENOTES LOCAL PLC TIE-IN (BY OTHERS).
- DENOTES LOCAL ELECTRICAL PANEL TIE-IN.
- DENOTES FIELD MOUNTED INSTRUMENT.
- DENOTES LOCAL PANEL INSTRUMENT.
- DENOTES LOCAL PANEL INSTRUMENT (MOUNTED INSIDE PANEL).

REV.	DATE	BY	DESCRIPTION
H	2014-02-20	BGR	REV. PER CLIENT MARK-UPS
G	2013-11-28	BGR	REV. PER CLIENT MARK-UPS
F	2013-10-16	BGR	REV. PER CLIENT MARK-UPS
E	2013-09-19	BGR	REV. PER CLIENT MARK-UPS
D	2013-08-30	BGR	REV. PER CLIENT MARK-UPS
C	2013-08-23	BGR	REV. PER CLIENT MARK-UPS
J	2014-02-26	BGR	REV. PER CLIENT MARK-UPS
I	2014-02-24	BGR	REV. PER CLIENT MARK-UPS

ONE (1) UNIT REQUIRED	DATE	2013-05-09
SCALE	NTS	
CHKD		
DWG/SHOP ORDER:	D-2013-8426-52F-001/003	REV. J

ALCO GAS & OIL
PRODUCTION EQUIPMENT LTD.
P&ID
PROCESS LEP DIRECT FIRED HEAT MEDIUM PACKAGE
TAG: 002-PK-21-1100

LOCATION: FERRIER CPF PROJECT
CUSTOMER: DEVON CANADA CORP.
L.S.D. 11-02-038-08 WSM