Equipment Headers

002-UHG-02-1080
GLYCOL BLDG. HEATER #1
MFG: RUFFNECK
MODEL: AH-24A-A7D1-A1-2H
MAWP: 2068 kPag (300 PSIG)
MAWT: 150°C (300°F)

002-UHG-02-1081
GLYCOL BLDG. HEATER #2
MFG: RUFFNECK
MODEL: AH-24A-A7D1-A1-2H
MAWP: 2068 kPag (300 PSIG)
MAWT: 150°C (300°F)

002-UHG-02-1082
GLYCOL BLDG. HEATER #3
MFG: RUFFNECK
MODEL: AH-24A-A7D1-A1-2H
MAWP: 2068 kPag (300 PSIG)
MAWT: 150°C (300°F)

002-UHG-02-1083
GLYCOL BLDG. HEATER #4
MFG: RUFFNECK
MODEL: AH-24A-A7D1-A1-2H
MAWP: 2068 kPag (300 PSIG)
MAWT: 150°C (300°F)

002-EF-02-1085 TO 1096
BLDG. EXHAUST FAN #1-#12
MFG: MULTI WING AMERICA
MODEL: FFV2434
POWER: 0.549 HP

002-EF-02-1097
BLDG. PURGE FAN
MFG: SOPER'S SUPPLY LTD.
POWER: 0.5 HP, 6 ACPH, 2754 CFM

002-PLC-02-1001
COMPRESSOR CONTROL PANEL
MAKE: SPARTAN CONTROLS
MODEL: REMVUE-500

002-UHM-02-1080
GLYCOL BLDG. HEATER MOTOR #1
MFG: MARATHON ELECTRIC MOTOR
MODEL: TBD
POWER: 0.5 HP
ELECTRICAL: 575VAC/60HZ/3PH, 0.85 AMPS

002-UHM-02-1081
GLYCOL BLDG. HEATER MOTOR #2
MFG: MARATHON ELECTRIC MOTOR
MODEL: TBD
POWER: 0.5 HP
ELECTRICAL: 575VAC/60HZ/3PH, 0.85 AMPS

002-UHM-02-1082
GLYCOL BLDG. HEATER MOTOR #3
MFG: MARATHON ELECTRIC MOTOR
MODEL: TBD
POWER: 0.5 HP
ELECTRICAL: 575VAC/60HZ/3PH, 0.85 AMPS

002-UHM-02-1083
GLYCOL BLDG. HEATER MOTOR #4
MFG: MARATHON ELECTRIC MOTOR
MODEL: TBD
POWER: 0.5 HP
ELECTRICAL: 575VAC/60HZ/3PH, 0.85 AMPS

002-EFM-02-1085 TO 1096
BLDG. EXHAUST FAN MOTOR #1-#12
MFG: MARATHON
MODEL: 56T17G5321E (G666)
POWER: 0.5 HP
ELECTRICAL: 575VAC/60HZ/3PH/1.0FLA

002-EFM-02-1097
BLDG. PURGE FAN MOTOR
MFG: MARATHON
POWER: 0.5 HP (0.37 KW)
ELECTRICAL: 575VAC/3PH/60HZ

002-BU-02-1000
BUILDING
MFG: NOISE SOLUTION
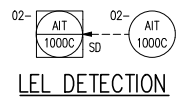DIMENSIONS:
LENGTH: 48'
WIDTH: 28.5'
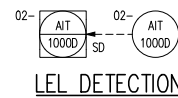HEIGHT: 24'

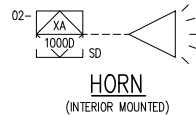# Instrument / Device Labels
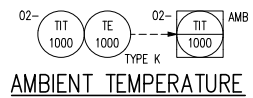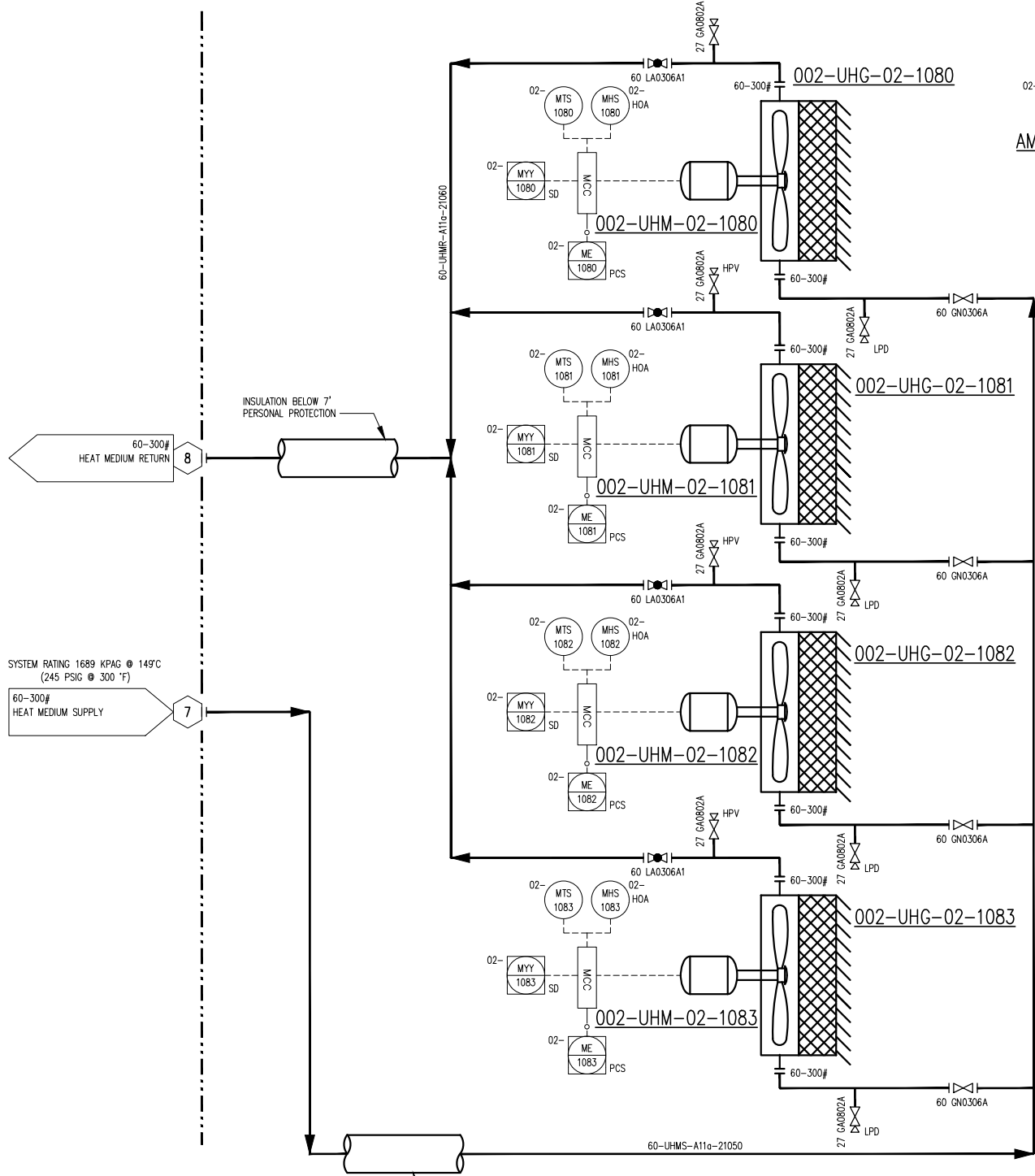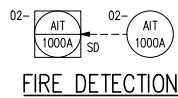
AMBIENT TEMPERATURE
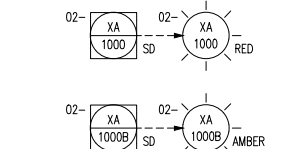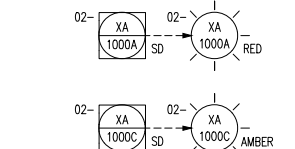FIRE DETECTION
FIRE DETECTION
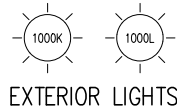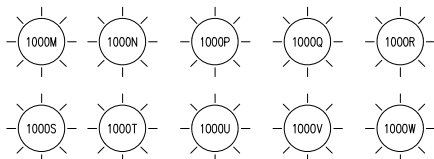LEL DETECTION
LEL DETECTION
HORN (INTERIOR MOUNTED)
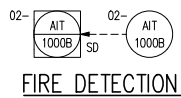
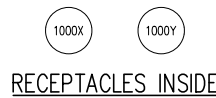RED/AMBER BEACON LIGHTS (EXTERIOR – 120VAC – TBC)
RED/AMBER BEACON LIGHTS (INTERIOR – 120VAC – TBC)

COMPRESSOR CONTROL PANEL

002-JBE-02-1002 — 120 VAC POWER JUNCTION BOX
002-JBC-02-1001 — 120 VAC CONTROL JUNCTION BOX
002-JBF-02-1009 — FIRE AND GAS JUNCTION BOX
002-JBDA-02-1005 — 24 VDC CONTROL JUNCTION BOX
002-JBE-02-1003 — 208 VAC POWER DISTRIBUTION JUNCTION BOX

COMPRESSOR SHUTDOWN
COMPRESSOR RUN STATUS
MODULE BUS
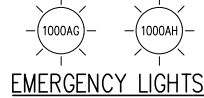COMPRESSOR NORMAL STOP
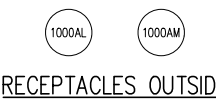
EXTERIOR LIGHTS
3-WAY SWITCH (ONE BY EACH DOOR, INTERIOR)
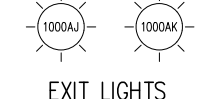INTERIOR LIGHTS (LED LIGHTS) (WALL MOUNTED)
RECEPTACLES INSIDE
EMERGENCY LIGHTS
RECEPTACLES OUTSIDE
EXIT LIGHTS
BUILDING
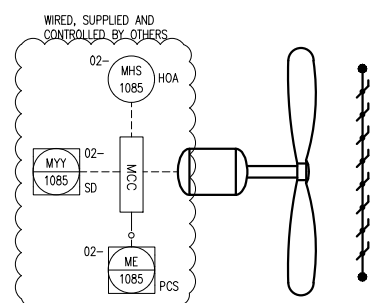
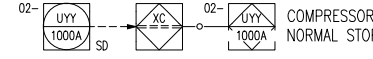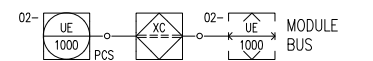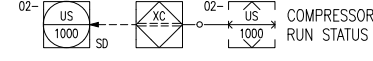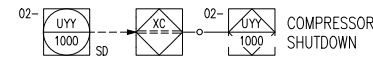WIRED, SUPPLIED AND CONTROLLED BY OTHERS
002-EFM-02-1085 TO 1096
002-EF-02-1085 TO 1096
VENT FANS (X12)
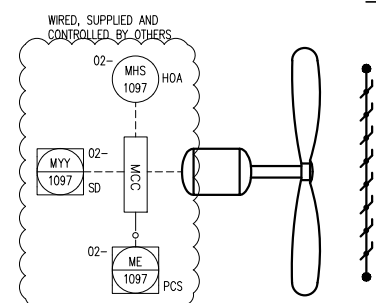
002-EFM-02-1097
002-EF-02-1097
PURGE VENT FAN

Piping Labels

60-300# HEAT MEDIUM RETURN 8
60-300# HEAT MEDIUM SUPPLY 7
SYSTEM RATING 1689 KPAG @ 149°C (245 PSIG @ 300 °F)
INSULATION BELOW 7' PERSONAL PROTECTION

Size Table

METRIC (ACT.)	IMPERIAL (NOM.)
9	1/8"
14	1/4"
17	3/8"
21	1/2"
27	3/4"
33	1"
42	1-1/4"
48	1-1/2"
60	2"
89	3"
114	4"
141	5"
168	6"
219	8"
273	10"
324	12"
356	14"
406	16"
457	18"
508	20"

Title Block

FINAL AS BUILT
NAME: A.TRAN   DATE: JAN 17/14

REV	DESCRIPTION	DATE	BY	APR
8	FINAL AS BUILT	JAN 17/14	AT	LD
7	UPDATED AS BUILT, PURGE FAN ADDED	NOV 06/13	AR	LD
6	FINAL AS BUILT – REVISED BEACON AND HORN TAGS	NOV 06/13	AR	LD
5	FINAL AS BUILT – NO CHANGE	OCT 04/13	AR	LD
4	REVISED VALVE TYPE	AUG 14/13	AT	LD
3	REVISED CONTROL PHILOSOPHY	JUL 26/13	AT	LD

DATE: JAN 25/13   SCALE: NTS
DRAWN BY: G.PAHL   CHECKED BY: L.DIOQUINO   APPROVED BY: A.DURHAM
PROJECT MANAGER: B.MINSHULL   PROJECT ENGINEER: L.DIOQUINO
CUST PO: Q1120562
APEGA PERMIT No: P8651

DEVON CANADA
PROJECT NAME: FERRIER CPF
AREA: FERRIER
LSD: 11-02-039-08-W5M
WBS: 01-00348.01
CAT G3616/ARIEL KBZ 6/2

ENERFLEX
Calgary, Alberta, Canada

P & I DIAGRAM
DRIVE TRAIN/ BUILDING COMPONENTS

OPER. CODE:
WORK ORDER: 002-PK-02-1000
DWG NO: 31980-01-112   SHT: 2   REV: 8

PLOT 17 Jan, 2014-2:09pm, atran