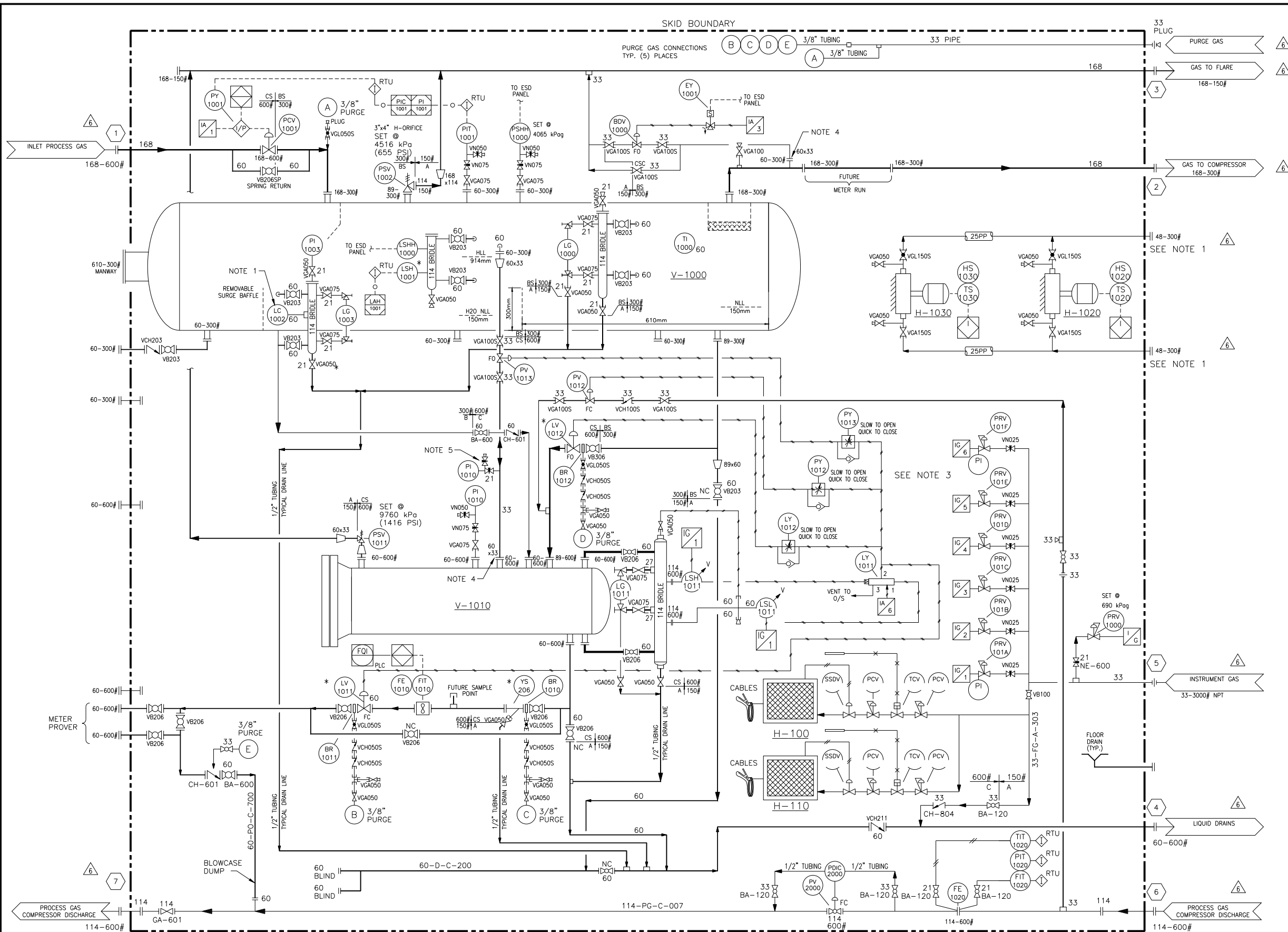




LIST OF MATERIALS

ITEM	QTY	BRAND	DESCRIPTION
BDV-1000	1	FISHER	CONTROL VALVE, 1" NPT, D2, 1/2" PORT, 30# AIR TO CLOSE, NACE TRIM
BR-1001	1		BLEED RING, 2"-300#, 1/2" CONN.
BR-1002	1		BLEED RING, 2"-300#, 1/2" CONN.
BR-1011	1		BLEED RING, 2"-600#, 1/2" CONN.
BR-1012	1		BLEED RING, 2"-600#, 1/2" CONN.
BY-1000	1	ASCO	SOLENOID VALVE, EF8320G200-24V UNIVERSAL OPERATION (60 PSI MAX)
FE-1001	1	PFS	LIQUID TURBINE METER, 2" x 1" WAFER STYLE, c/w FW-0110-P TOTALIZER
FE-1010	1	PFS	LIQUID TURBINE METER, 2" x 1" WAFER STYLE, c/w ALTUS XL PLUS TOTALIZER
FE-1066	1	DANIEL	SENSOR STYLE METER RUN, 2" 600 ANSI, SCH 80, AGA REPORT 3, 3RD EDITION
FIT-1066	1	BARTON	TEMPERATURE INDICATING TRANSMITTER, FHCF-04V4-LEC-YT-AA
H-1001/108	2	RUFFNECK	LEVEL CONTROLLER, 2" NPT, L2 DIRECT SNAP ACTION, 0-30 PSI OUTPUT
LG-1000	1	PENBERTHY	REFLEX LEVEL GAUGE, 3/8" (3/8" 5/8" VISIBLE), c/w 3301 GAUGE COCKS/NACE TRIM
LG-1003	1	PENBERTHY	REFLEX LEVEL GAUGE, 1/2" (1/2" 3/4" VISIBLE), c/w 3301 GAUGE COCKS/NACE TRIM
LG-1011	1	PENBERTHY	REFLEX LEVEL GAUGE, 2" (2" 2 1/2" VISIBLE), c/w 3301 GAUGE COCKS/NACE TRIM
LSH-1001	1	SOR	ELECTRIC LEVEL SWITCH, 1 1/2" NPT, 1510B-GA-C-10-PS-NC, NACE
LSH-1011	1	SOR	ELECTRIC LEVEL SWITCH, 2" NPT, 1510C-GA-C-10-PS-NC, NACE
LSL-1011	1	SOR	PNEUMATIC LEVEL SWITCH, 2" NPT, 1510C-GA-C-10-PS-NC, NACE
LV-1002	1	FISHER	CONTROL VALVE, 2" 300# RF, D4, 1/2" PORT, 30# AIR TO OPEN, NACE TRIM
LV-1011	1	DYNAFLO	CONTROL VALVE, 2" 600# RF, D2000-DFC-2156, 1/4" NACE TRIM, 30# AIR TO OPEN
LV-1012	1	DYNAFLO	CONTROL VALVE, 3" 600# RF, 360-DFC-2105, w/ EQ X NACE TRIM, 30# AIR TO CLOSE
LY-1011	1	AMOT	RELAY VALVE, 40570023H2, TYPE CE
LY-1012	1	AMOT	SPEED CONTROL VALVE, NAS-4000
MFD-1066	1	CENTURY	MANIFOLD, 5 VALVE, 1/2" F, CM5-1-F44-CM20-1, STAINLESS STEEL BODY
PCV-1001	1	DYNAFLO	CONTROL VALVE, 6" 800# RF, 360-DFC-320, w/ EQUAL X TRIM, 30# AIR TO OPEN, NACE
PI-1010	1	WIKA	PRESS. GAUGE, 4" DIA, 0-1500 PSIG DUAL SCALE, LIQUID FILLED, SS CASE & TUBE
PIT-1001	1	BARTON	PRESSURE INDICATING TRANSMITTER, FHCF-04V4-LEC-YT-AA
PIT-1066	1	BARTON	PRESSURE INDICATING TRANSMITTER, FHCF-04V4-LEC-YT-AA
PRV-1001	1	FISHER	REGULATOR, 1/4" NPT, 67CFR, 5-35 PSIG RANGE, STD TRIM
PSH-1000	6	CCS	PRESSURE SWITCH, MODEL 6900CZ20 SET @ 696 PSIG RISING, NEMA 4, NACE TRIM
PSV-1002	1	CROSBY	RELIEF VALVE, 3" 300# x 1/2" x 1/2" x 2 1/2" 316SS THERMOWELL
PSV-1011	1	WELLMARK	RELIEF VALVE, 1" x 1" NPT, W9501-RSN-1600 SET @ 1415 PSIG, NACE TRIM
PV-1012	1	FISHER	CONTROL VALVE, 1" NPT, D2, 1/2" PORT, 30# AIR TO OPEN, NACE TRIM
PV-1013	1	FISHER	CONTROL VALVE, 1" NPT, D2, 1/2" PORT, 30# AIR TO CLOSE, NACE TRIM
PY-1001	1	FISHER	PRESSURE TRANSDUCER, 546 I/P 4-20mA INPUT, 6-30 PSI OUTPUT, c/w Yoke Mount
PY-1012	1	AMOT	SPEED CONTROL VALVE, NAS-4000
PY-1013	1	AMOT	SPEED CONTROL VALVE, NAS-4000
TE-1066	1	BARTON	RTD, c/w 3/4" x 1/2" x 2 1/2" 316SS THERMOWELL
TI-1000	1	TREND	TEMP IND, 3" 9 IG, -40 TO 120 F DUAL SCALE c/w 1/2" x 3/4" x 9 316SS TOW
TIT-1066	1	BARTON	TEMPERATURE INDICATING TRANSMITTER, 3920-3w-20-LN-H-FX
YS-203	1	COLTON	Y-STRAINER, 2" 300# RF, NACE TRIM, STEEL BODY
YS-206	1	COLTON	Y-STRAINER, 2" 600# RF, NACE TRIM, STEEL BODY

VALVE LIST

ITEM	QTY	BRAND	DESCRIPTION
VB050	2	WKM	BALL VALVE, 1/2" NPT 2000#, STD TRIM
VB100	1	WKM	BALL VALVE, 1" NPT 2000#, STD TRIM
VB203	12	WKM	BALL VALVE, 2" 300#, RF REG. PORT, NACE TRIM
VB206	10	WKM	BALL VALVE, 2" 600#, RF REG. PORT, NACE TRIM
VB206SP	1	NUTRON	BALL VALVE, 2" 600#, RF REG. PORT, NACE TRIM, c/w SPRING RETURN LEVER
VB306	1	WKM	BALL VALVE, 3" 600#, RF REG. PORT, NACE TRIM
VCH0505	12	CRANE	CHECK VALVE, 1/2" SW 800#, NACE TRIM
VCH1005	1	CRANE	CHECK VALVE, 1" SW 800#, NACE TRIM
VCH211	1	WHEATLEY	SWING CHECK VALVE, 2" 150#, RF FULL PORT, NACE TRIM
VCH213	2	WHEATLEY	SWING CHECK VALVE, 2" 300#, RF FULL PORT, NACE TRIM
VCH216	1	WHEATLEY	SWING CHECK VALVE, 2" 600#, RF FULL PORT, NACE TRIM
VGA050	30	OMB	GATE VALVE, 1/2" SW X NPT 800#, NACE TRIM
VGA075	7	OMB	GATE VALVE, 3/4" SW X NPT 800#, NACE TRIM
VGA100	1	OMB	GATE VALVE, 1" SW X NPT 800#, NACE TRIM
VGA1005	7	OMB	GATE VALVE, 1" SW 800#, NACE TRIM
VGA1505	2	OMB	GATE VALVE, 1 1/2" SW 800#, NACE TRIM
VGL0505	6	OMB	GLOBE VALVE, 1/2" SW 800#, NACE TRIM
VGL1505	2	OMB	GLOBE VALVE, 1 1/2" SW 800#, NACE TRIM
VN025	6	CENTURY	NEEDLE VALVE, 1/4" F x 1/4" F, CM2-3-F221-B-V, CARBON STEEL BODY
VN050	3	CENTURY	NEEDLE VALVE, 1/2" F x 1/2" F, CM2-1-F44T-B-V, STAINLESS STEEL BODY
VN075	3	CENTURY	NEEDLE VALVE, 3/4" F x 1/2" F, CM2-1-M64T-B-V, STAINLESS STEEL BODY

- BUILDING**
- 14'-6" x 24'-6" x 13'-0" EAVE, 3/12
 - GABLE ROOF
 - 22 GA. GALVALUME EXTERIOR
 - 24 GA. FLUTED ALUMINUM LINER
 - R12 INSULATION, 6 MIL VAPOUR BARRIER
 - (2) - 3' x 7' SINGLE MANDOOK c/w IWG WINDOW, LOCKING PANIC HARDWARE, CHECK CHAIN
 - (2) - 40" x 40" DOUBLE GLAZED SLIDING WINDOW c/w HALF SCREEN
 - (2) - 12" x 12" STAMPED ALUMINUM LOUVRE WITH SLIDING CLOSER
 - (2) DAYTON 12" EXPLOSION PROOF EXHAUST FAN /W STORM HOOD AND AUTO LOUVRE. EACH SIZED FOR 12 AC/HR, 1 HIGH, 1 LOW
- SKID**
- 14'-6" x 24'-6"
 - MADE FROM W12" @ 26#
 - (4) LIFT LUGS
 - 1/4" CHECKER PLATE FLOORING
 - SEAL WELDED INTERIOR JOINTS
 - STITCH WELDED PERIMETER
 - 2" URETHANE FOAM INSULATION
 - 2" PERIMETER DRIP LIP
 - 12" x 12" DRAIN BOX c/w 2" OUTLET PIPE
- PIPING**
- 2" & LARGER - S80, BUTTWELD
 - 100% X-RAY
 - PWHT REQUIRED
 - HYDRO-TESTED AT 1.5 X VESSEL MAWP
 - NEW & COLD
 - FLANGES - A105N
 - WELD FITTING - A-234-WPB
 - PIPE - A-106B
 - STUDS/NUTS - A193 B7M/2HM
 - GASKETS - 316SS FLEXITALLIC
- PAINT**
- COMMERCIAL SANDBLAST
 - 1 S/C RUSTEX PRIMER
 - 1 S/C WARM GREY INDUSTRIAL ENAMEL
- TUBING / TUBE FITTINGS**
- 3/8" 0.035" WALL 316SS
 - TUBING UNLESS NOTED OTHERWISE
 - SS SWAGelok TUBE FITTINGS

NOTES:

1. NOT IN SERVICE.
 2. THIS INFORMATION MUST BE CONFIRMED.
 3. ALL INSTRUMENT VENTS TO BE VENTED OUTSIDE OF BUILDING AT EAVE.
 4. LINE SIZE CHANGE BY REDUCING FLANGE.
 5. MULTIPORT GAUGE VALVE 1/2"x1/2"x1/2" 316 S.S., EQUAL TO CENTURY CM-11 MULTIPORT, CM-4 BLEED VALVE.
- * EXISTING EQUIPMENT.

DWG. NO.

REFERENCE DRAWINGS

DEVON PROJECT

REV

REVISIONS

DATE (yy.mm.dd)

BY

CHK'D

APP'D

OWNR APP'D

ENGINEER AND PERMIT STAMPS

DESIGNED

DRAWN

CHECKED

PROCESS CK.

MECH. CK.

STRUCT. CK.

ELECT. CK.

OWNER APP.

OWNER APP.

K.NG

05/02/15

INLET SEPARATOR/BLOWCASE PACKAGE - P & ID

CONTR JOB NO

SCALE

N.T.S.

DWG. NO.

D-056658-0105

DEVON PROJ.

056658

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