

PLOT BY: KFORSTER, 4/5/2016 5:16 PM

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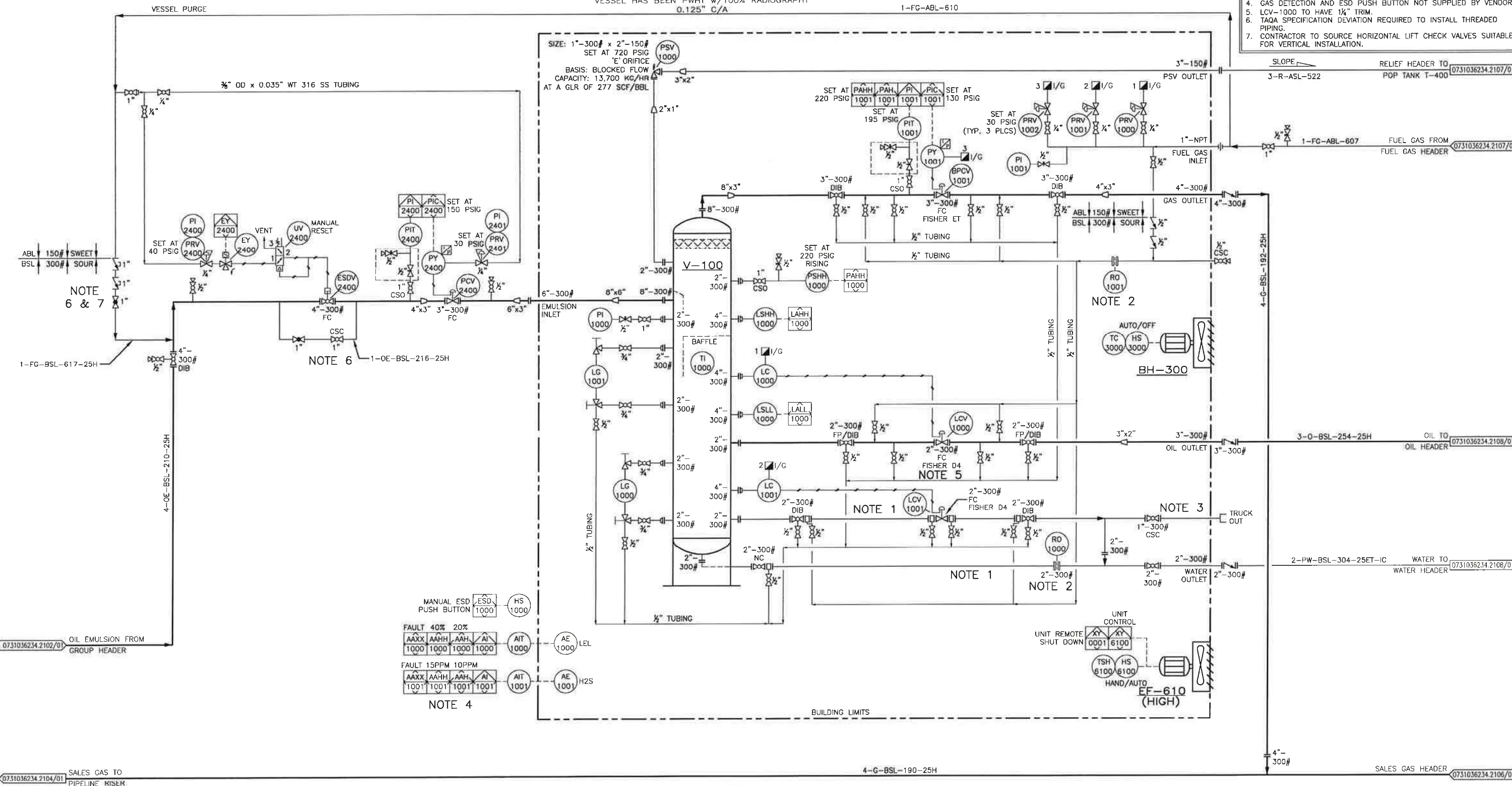
V-100
GROUP SEPARATOR
VENDOR: ASPIRE ENERGY RESOURCES LTD.
SIZE: 36" OD x 10'-0" S/S
TYPE: 3 PHASE (SOUR SERVICE)
MAWP: 720 PSIG AT 126°F
VESSEL HAS BEEN PWHT w/100% RADIOGRAPHY
0.125" C/A

BH-300
BUILDING HEATER
MFG: RUFFNECK
MODEL: FX5-480360-100-WT
10 KW, 480V, 3 PH, 60 Hz

EF-610
EXHAUST FAN
1/2 HP, 120 VAC, EXPLOSION PROOF

NOTES:

1. WATER LEG AND DRAIN PIPING TO BE INTERNALLY COATED.
2. RESTRICTING ORIFICE PLATE INSTALLED TO PROTECT DOWNSTREAM EQUIPMENT FROM BEING OVERPRESSURED FROM AN INSTANTANEOUS SURGE, RESTRICTING ORIFICE PLATE SIZE: 0.291" DIAMETER.
3. PIPING TO BE MOUNTED ON TOP OF WATER OUTLET PIPING.
4. GAS DETECTION AND ESD PUSH BUTTON NOT SUPPLIED BY VENDOR.
5. LCV-1000 TO HAVE 1/4" TRIM.
6. TAQA SPECIFICATION DEVIATION REQUIRED TO INSTALL THREADED PIPING.
7. CONTRACTOR TO SOURCE HORIZONTAL LIFT CHECK VALVES SUITABLE FOR VERTICAL INSTALLATION.



REV	DESCRIPTION	BY	MM/DD/YYYY	CHKD	APPD	JOB No.
0	ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	KF	01/21/2016	KR	LL	2777
1	RE-ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	BW	02/18/2016	KR	LL	2777
2	RE-ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	EU	03/24/2016	KR	LL	2777
3	RE-ISSUED FOR CONSTRUCTION - 7-31 MULTI-WELL BATTERY	LJ	04/04/2016	KR	LL	2777

PERMIT TO PRACTICE
TNT ENGINEERING LTD.
Signature:
Date: April 7/16
PERMIT NUMBER: P 11113
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta



TAQA NORTH

ENGINEERING RECORD	
DRAWN: K. FORSTER	DATE: 08/14/2015
CHECKED: K. ROBERTS	DATE: 08/14/2015
ENGINEER: L. LEWONIUK	DATE: 08/14/2015
PROJECT: N. GUNDERMAN	DATE: 08/14/2015

SUITE 600, 639 - 5TH AVE SW
CALGARY, AB, T2P 0M9
(403) 387-2500 PHONE
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WIMBORNE
7-31-36-23 W4M
GROUP SEPARATOR AREA
PIPING AND INSTRUMENTATION DIAGRAM

SCALE: NTS	DWG: 0731036234.2105/01	REV: 3
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