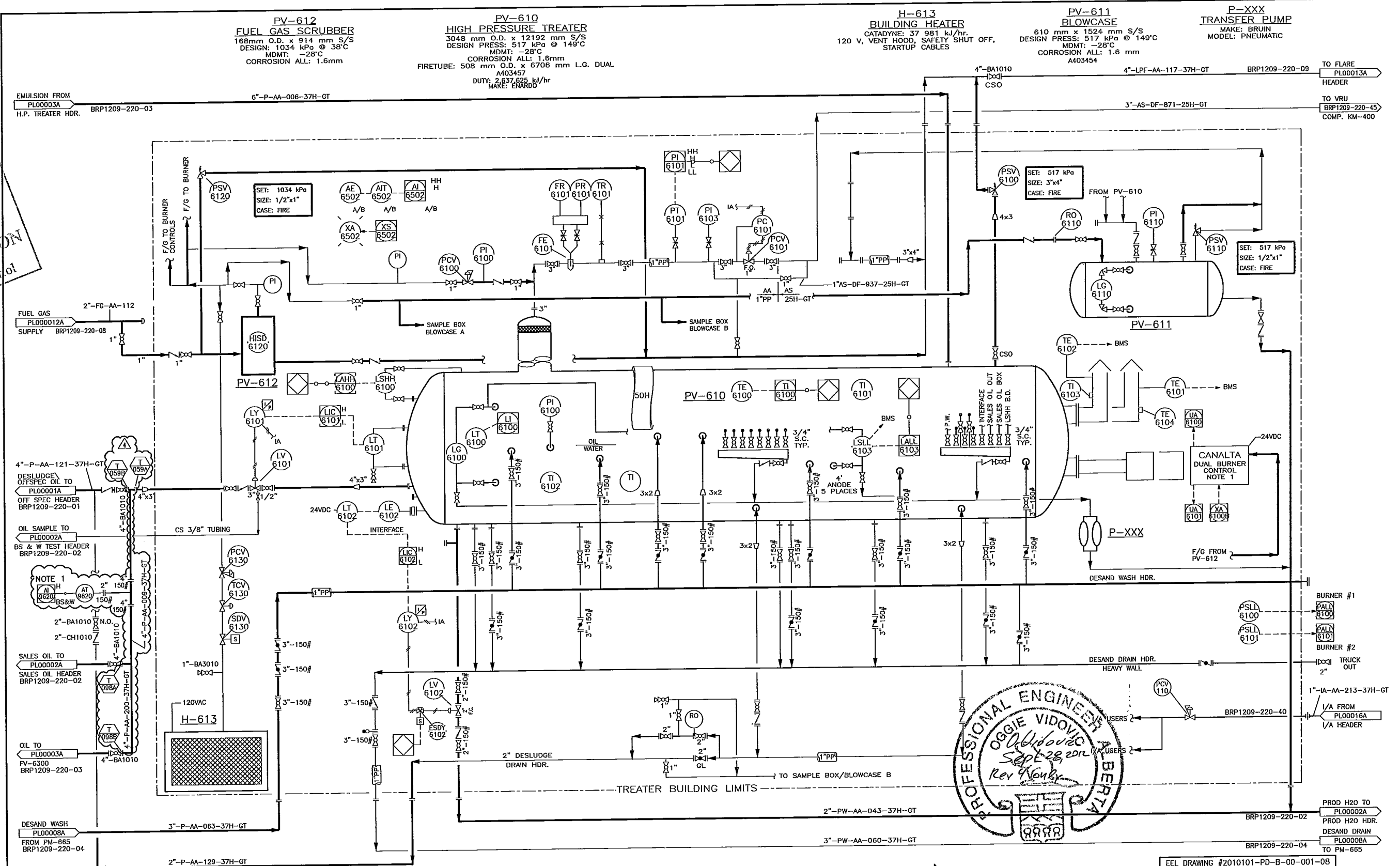


Equinox Engineering Ltd.  
**ISSUED FOR CONSTRUCTION**  
 OCT 01 2012  
 Document Control

CADD DWG - DO NOT MANUALLY CHANGE



**NOTES:**  
 1. BSW ANALYZER SHOULD BE LOCATED IN THE VERTICAL PORTION OF THE PIPE (DOWN FLOW)  
 2. CLOUDED AREAS INDICATE SCOPE OF WORK  
 3. ENGINEERING SEAL APPLIES TO CLOUDED AREAS, REVISION ('A') ONLY.

**CAUTION: READ BEFORE EXCAVATION**  
 NOT WITHSTANDING INFORMATION PROVIDED BY CNRL IN ANY FORM, THE CONTRACTOR SHALL UTILIZE ELECTRIC LOCATING EQUIPMENT TO LOCATE UNDERGROUND PIPING AND ELECTRICAL WIRING ETC., PRIOR TO HAND EXCAVATION.  
 ONCE ALL UNDERGROUND FACILITIES HAVE BEEN HAND EXCAVATED THE CONTRACTOR SHALL RECHECK WITH ELECTRONIC LOCATING EQUIPMENT, THE ENTIRE WORK AREA TO BE MECHANICALLY EXCAVATED TO ENSURE THAT NO FACILITIES HAVE BEEN MISSED.

REFERENCE DRAWINGS	DWG. NO.	NO.	DATE	PROJECT DESCRIPTION	EWR No.	EPCM Co.	EPCM No.	ENG.
		0		ISSUED FOR CONSTRUCTION				
		1	88.02.24	2000m <sup>3</sup> /d EXPANSION PROJECT		MRC	97680	JES
		2	10/04/14	AS-BUILT PER FIELD MARK-UPS				
		3	10/05/05	PLANT UPGRADES (EEL PROJECT # 201-01-01)				
		4	12/09/28	ISSUED FOR CONSTRUCTION		EEL	2010135	

REV. NUMBER	ISSUE STAGE	DATE	BY	CHKD.	APPD.	PERMIT STAMP	ENGINEER'S STAMP
4	Prelim.						
	Approval						
	Tender						
	Consol.	12/09/28	IV				
	As-Built						
	Info.	12/04/13	DD				
	DESIGN	12/09/08	IV				
	H&ZOP	12/06/11	GW				

**PROFESSIONAL ENGINEER**  
 OGGIE VIDOVIC  
 SEP 28 2012  
 Rev 4/08/12  
 ALBERTA

EEL DRAWING #2010101-PD-B-00-001-08

**CANADIAN NATURAL RESOURCES LTD.**  
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**Canadian Natural**

**MILLENNIA RESOURCE CONSULTING** 97680-PID-103

12-09-081-22 W4M DATE - SCALE NTS (A1 Size)

TITLE PV-610 PRESSURE TREATER PIPING AND INSTRUMENTATION DIAGRAM D-BRP1209-220-21

AREA BRINTNELL BATTERY FILE NO. PLO0004A



**PERMIT TO PRACTICE**  
 EQUINOX ENGINEERING LTD.  
 PERMIT NUMBER: P 6808  
 The Association of Professional Engineers,  
 Geologists and Geophysicists of Alberta