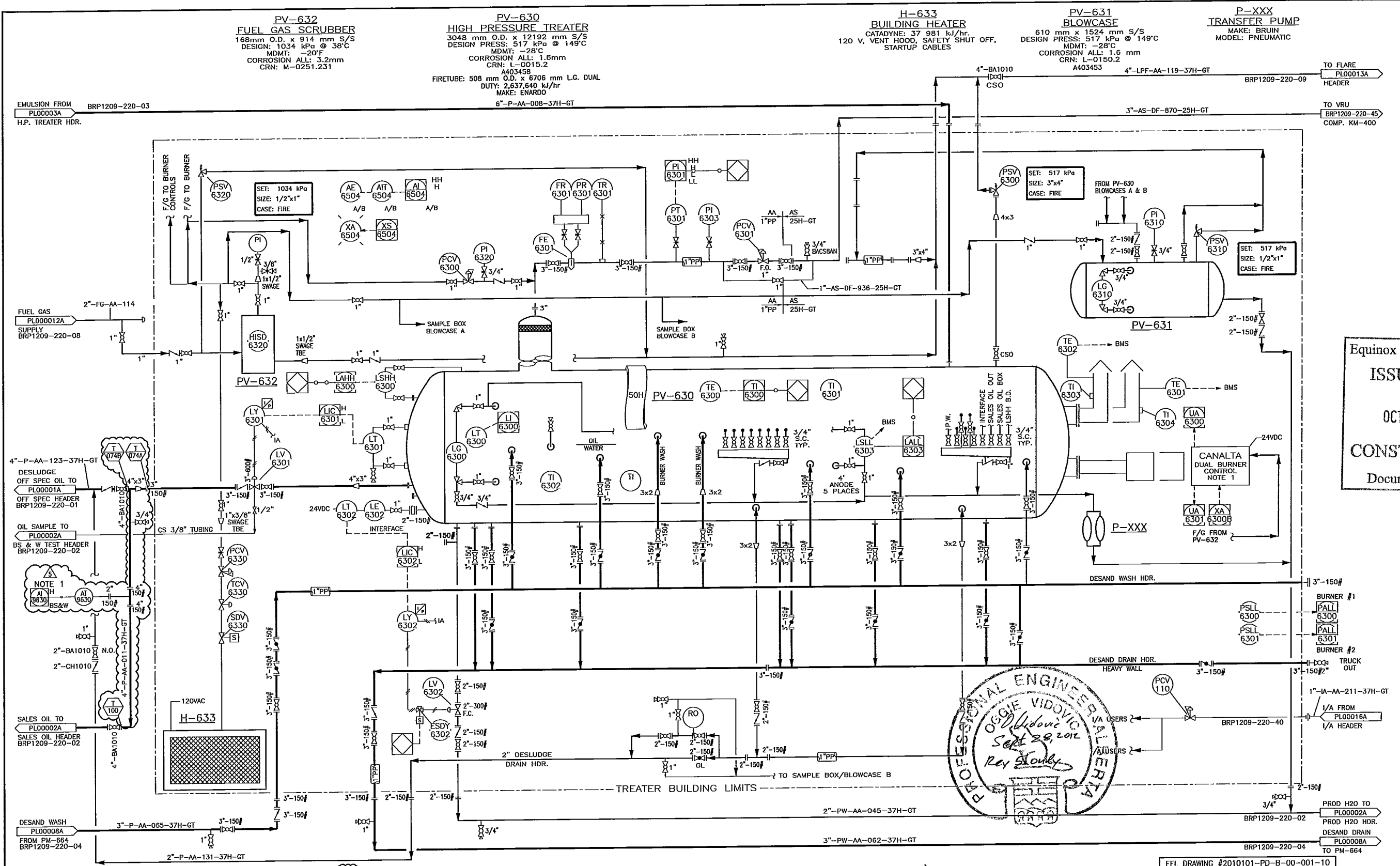
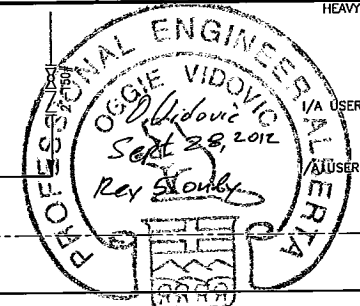


CADD DWG - DO NOT MANUALLY CHANGE



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



- NOTES:**
1. BS&W ANALYZER SHOULD BE LOCATED ON THE VERTICAL PORTION OF THE PIPE (DOWN FLOW).
  2. CLOUDED AREAS INDICATE SCOPE OF WORK.
  3. ENGINEERING SEAL APPLIES TO CLOUDED AREAS REVISION ("5") 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	98.02.24	2000m <sup>3</sup> /d EXPANSION PROJECT		MRC	97680	JES
		2	01.12.17	DEC 2001 AS-BUILT				
		3	10/04/14	AS-BUILT PER FIELD MARK-UPS				
		4	10/05/05	PLANT UPGRADES (EEL PROJECT # 201-01-01)				
		5	12/09/28	ISSUED FOR CONSTRUCTION		EEL	2010135	

ISSUE STAGE	DATE	BY	CHKD.	APPD.	PERMIT STAMP	ENGINEER'S STAMP
PRELIM.	-	-	-	-		
APPROVAL	-	-	-	-		
TENDER	-	-	-	-		
CONST.	12/09/28	IV				
AS-BUILT	-	-	-	-		
Info.	12/04/13	DQ				
DESIGN	12/09/06	IV				
HAZOP	12/06/11	GW				

**EEL DRAWING #2010101-PD-B-00-001-10**

**EQUINOX Engineering Ltd.**

**CANADIAN NATURAL RESOURCES LTD.**  
 2500, 855 - 2nd STREET S.W. CALGARY, AB. T2P 4J8  
 PHONE (403) 517-6700, FAX (403) 517-7350

Canadian Natural

12-09-081-22 W4M

PV-630 PRESSURE TREATER  
 PIPING AND INSTRUMENTATION DIAGRAM

BRINTNELL BATTERY

PLO0006A

PERMIT STAMP AND PROFESSIONAL STAMP AFFIXED ABOVE SHALL APPLY ONLY TO REV(S)