

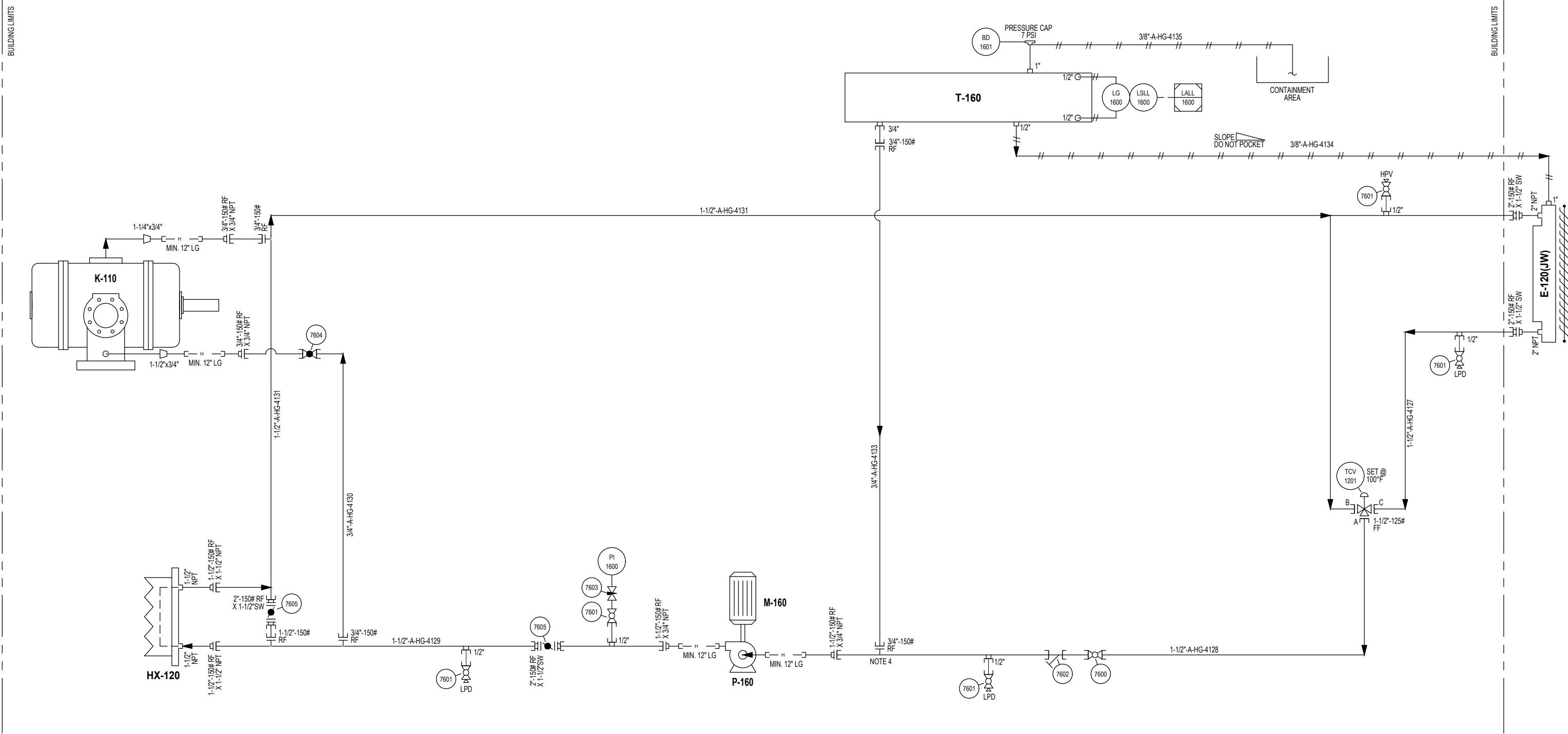
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HX-120
GAS/COOLANT PLATE EXCHANGER
DELTA-T LC11-50MB-UM
MAWP: 362 PSIG @ 445/-150°F
316L PLATES, NICKEL COPPER BRAZED
SURFACE AREA: 61.5 FT2
CRN: XXXXXX (AB)
S/N: XXXXXX

P-160/M-160
COOLANT PUMP
FINISH THOMPSON
MODEL: AC5STS2V470B015C22
RATED 1.5 HP @ 3600 RPM
CLASSIFICATION: CLASS 1, DIV 2, TEFC
230/460V / 3PH
WIRING BY OTHERS

T-160
SURGE TANK - GLYCOL
12"W x 12"H x 22"L
CAPACITY: 12.4 USG
D/N: 101121-4030

E-120
UTILITY COOLER SECTION - JW
RATED 441,541 BTU/HR
MAWP: 14 PSIG @ 300°/-20°F
SA214 CS TUBES, MANUAL LOUVERS
CRN: N/A



APPROVED
By Kevin Huartson at 10:42 am, Nov 20, 2023

NOTES:

- ALL PRESSURE PIPING SYSTEMS WELDED OR THREADED AND TUBING TO COMPLY WITH B31.3 EDITION (2022).
- REFER TO CNRL PIPING SPEC. FOR RADIOGRAPHY REQ'S & MATERIALS.
- ELECTRICAL CLASSIFICATION: CSA CLASS 1, ZONE 2, GROUP IIA.
- LOCATE BALANCE LINE CONNECTION AS CLOSE TO PUMP INLET AS POSSIBLE.

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
A	ISSUED FOR HAZOP	3/8/23	RR	KH
B	ISSUED FOR APPROVAL	3/30/23	RR	KH
0	ISSUED FOR CONSTRUCTION	5/26/23	RR	KH
1	RELOCATED LPD, REM. LPD, UPDATED CODE	6/21/23	RR	KH
2	UPDATED EQUIPMENT TAG	8/11/23	RR	KH
3	ADDED ISO VALVE ON PI-1600	9/29/23	RR	KH
4	UPDATED MAWP AND TEMP FOR HX-120	11/20/23	RR	KH

NEXT COMPRESSION	
261122 WAGON WHEEL CRESCENT, ROCKY VIEW COUNTY ALBERTA, CANADA T4A-0E2. 1(800) 256-1598 WWW.NEXTCOMP.CA	
LABOUR CODES:	MATERIAL CODES:
F7600 -	F7601 -
- -	- -

TITLE: COOLING SYSTEM			
PROJECT: CANADIAN NATURAL RESOURCES LTD			
VRU ROFLO 60 HP ELECTRIC SMITH, ALBERTA-LSD: TBA			
ENG. BY: K.HUARTSON	PROJECT NO: 101121/2/3/4/5/6/7		
DRAWN BY: R.ROVETO	CLIENT REF. NO: -		
DRAWN DATE (MM/DD/YY): 02/07/23	SHEET: 1 OF 1	DRAWING NO: 101121-7600	REV: 4