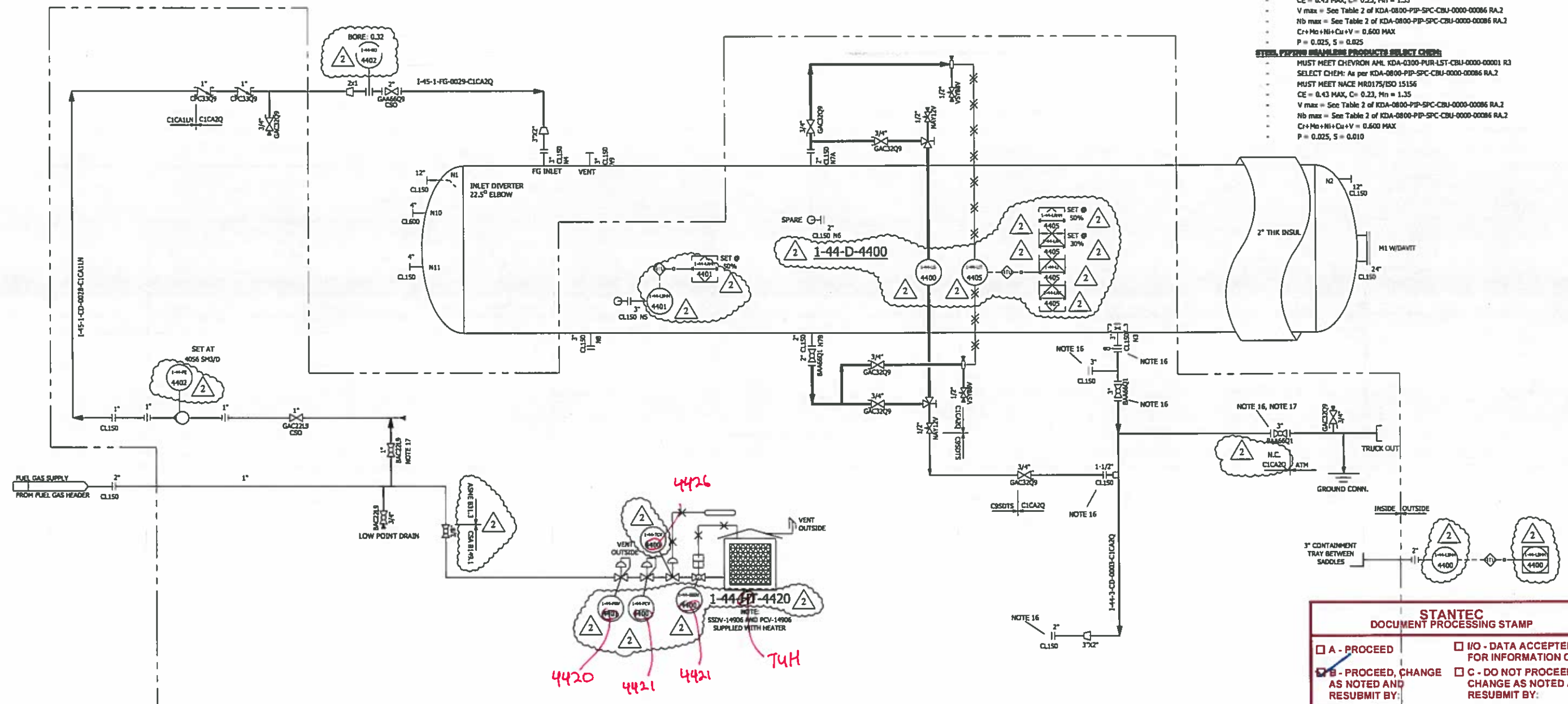


CHEVRON DOC# KDU-FKOD440003-TEC-REC-BIL-4400-00102

1-44-D-4400
 FLOOR KNOCKOUT DRUM
 SIZE: 72" ID x 10'-0" S/S
 DESIGN: 50 PSIG (SEE NOTE 15) @ -19°F/140°F
 MAWP: 140°F/FULL VACUUM
 MDMT: -49°F
 C.A.: 1/8"
 INTERNAL COATING: YES, DEVCO 253
 SERIAL #: 18061
 CRN: Y6379.2
 BUILT: 2019

1-44-TUH-4420
 BOILING HEATER
 MAKE: CATA-DYNE
 MODEL: 12" x 24" MH21
 DUTY: 10,000 BTU/HR
 12 VDC (NATURAL GAS)
 START-UP LOAD: 30 AMPS
 c/w VENT HOOD
 MAX FUEL GAS: 10 CFH/HEATER

- SELECT CHEMISTRY NOTES:**
- STEEL PIPING AND/OR FUEL GAS PIPING SELECT CHEM:**
- MUST MEET CHEVRON AML KDA-0300-PUR-LST-CBU-0000-00001 R3
 - SELECT CHEM: As per KDA-0800-PIP-SPC-CBU-0000-00073 RA
 - MUST MEET NACE MR0175/ISO 15156
 - CE = 0.43 MAX, Cr = 0.23, Mn = 1.35
 - V max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00073 RA
 - Nb max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00073 RA
 - Cr+Mo+Ni+Cu+V = 0.600 MAX
 - P = 0.025, S = 0.010
- STEEL PIPING PRODUCTS SELECT CHEM:**
- MUST MEET CHEVRON AML KDA-0300-PUR-LST-CBU-0000-00001 R3
 - SELECT CHEM: As per KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 - MUST MEET NACE MR0175/ISO 15156
 - CE = 0.43 MAX, Cr = 0.23, Mn = 1.35
 - V max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 - Nb max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 - Cr+Mo+Ni+Cu+V = 0.600 MAX
 - P = 0.025, S = 0.025
- STEEL PIPING UNALLOYED PRODUCTS SELECT CHEM:**
- MUST MEET CHEVRON AML KDA-0300-PUR-LST-CBU-0000-00001 R3
 - SELECT CHEM: As per KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 - MUST MEET NACE MR0175/ISO 15156
 - CE = 0.43 MAX, Cr = 0.23, Mn = 1.35
 - V max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 - Nb max = See Table 2 of KDA-0800-PIP-SPC-CBU-0000-00086 RA.2
 - Cr+Mo+Ni+Cu+V = 0.600 MAX
 - P = 0.025, S = 0.010



GENERAL NOTES:

1. PIPING DESIGNED AND FABRICATED TO ASME B31.3 2016 AND CHEVRON CANADA PIPE SPECS C1CA11N, C1CA2Q, AND CS0TS.
2. TUBING MATERIAL: 316SS SEAMLESS c/w 316SS SWAGelok FITTINGS
 - 1/4" OD THRU 3/8" OD: 0.035" WALL MINIMUM
 - 1/2" OD: 0.049" WALL MINIMUM
3. THREADED PIPE MATERIAL:
 - CLASS C1CA11N: 3/4" TO 1-1/2" SCH XS/BO SA-333-6 SMLS
4. THREADED FITTING MATERIAL:
 - CLASS C1CA11N: 3/4" TO 1-1/2" CL3000 SA-350-LF2 CL.1
5. BOLTING MATERIAL:
 - CLASS C1CA2Q: SA-193-B7M / SA-194-2HM
 - CLASS C1CA11N: SA-193-B7 / SA-194-2H
6. GASKET MATERIAL: 316SS "CGI" FLEXICARB SPIRAL WOUND GASKET

7. ALL INSTRUMENTS SHALL BE IDENTIFIED WITH STAINLESS STEEL TAGS
8. DRAIN ALL WATER FROM ALL INSTRUMENTS
9. FITTINGS MUST HAVE CRMS FOR THE PROVINCE THEY WILL BE USED IN
10. BOLT TORQUE AND THREAD SEALANTS AS PER BILTON STANDARD AND RECOMMENDED INDUSTRY PRACTICES
11. INSTRUMENT AIR PIPING AND/OR FUEL GAS PIPING TO BE PNEUMATICALLY TESTED TO 165 PSIG
12. THREADED PIPING TESTING DETAILS:
 - CLASS C1CA11N: HYDROTEST TO 428 PSIG / PNEUMATIC TEST TO 314 PSIG
13. ALL EASILY DAMAGED COMPONENTS SHALL BE REMOVED & PACKAGED SEPARATELY, SHIPPED LOOSE ITEMS SHALL BE EASILY IDENTIFIED.
14. ALL MATERIALS TO BE PURCHASED FROM AML, AND IN ACCORDANCE WITH CHEVRON SOUR SERVICE MATERIAL REQUIREMENTS. SEE SELECT CHEMISTRY NOTES ON P/MD
15. DE-REGISTERED POST FABRICATION TO 14.9 PSIG WITH AN AB-10
16. ALTERNATE GASKET: FLEXIPRO (KAMHPROFILE)
17. TRUCK OUT MANUAL VALVE IS MECHANICALLY INTERLOCKED WITH MANUAL FUEL GAS VALVE
18. ALL TAGS PREFIXED WITH "1-44-" EXCEPT AS NOTED

REV. NO.	DATE	REVISION	BY	ENG	PM	APP
0	11/08/2019	ISSUED FOR FABRICATION	AHC	JAH	DG	
1	02/11/2020	AS PER CHANGE ORDER	RH4	JAH	DG	
2	02/19/2020	UPDATED TAGS, ADDED NOTES	RH4	JAH	DG	

BILTON
 Welding and Manufacturing Ltd.
 BOX 6105
 5815 37 Street
 INVERFAIR, AB
 CANADA
 403-227-7799
 1-888-227-7799
 FAX 227-7795

CHEVRON CANADA LIMITED
 60 BBL FLARE KNOCKOUT SKD
 P/MD

QUOTE NUMBER: 107948
 PURCHASE ORDER: 118693
 LOCATION: 06-07-062-73 WSH (WASK-W099)
 DATE: 11/04/2019
 SHEET: 1 OF 1

SALE ORDER: 5674
 JOB ORDER:
 DRAWING NO.: D5250
 REV. 2
 D5250-001

STANTEC DOCUMENT PROCESSING STAMP

A - PROCEED I/O - DATA ACCEPTED FOR INFORMATION ONLY

B - PROCEED, CHANGE AS NOTED AND RESUBMIT BY: C - DO NOT PROCEED, CHANGE AS NOTED AND RESUBMIT BY:

RESUBMITTAL DATE FOR STATUS B: _____ RESUBMITTAL DATE FOR STATUS C: _____

SIGN: _____ DATE SIGNED: Feb 25, 2020

VDDR CODE(S): _____

AUTHORIZATION TO PROCEED DOES NOT WAIVE SUPPLIER'S RESPONSIBILITY OR LIABILITY UNDER THE CONTRACT/PURCHASE ORDER FOR COMPLIANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS