

V-100A
INLET SEPARATOR
12 3/4" O.D. x 46" S/F
285 PSIG @ -20/100°F

V-110A
OIL/GAS SEPARATOR
14" O.D. x 46" S/F
350 PSIG @ -20/450°F

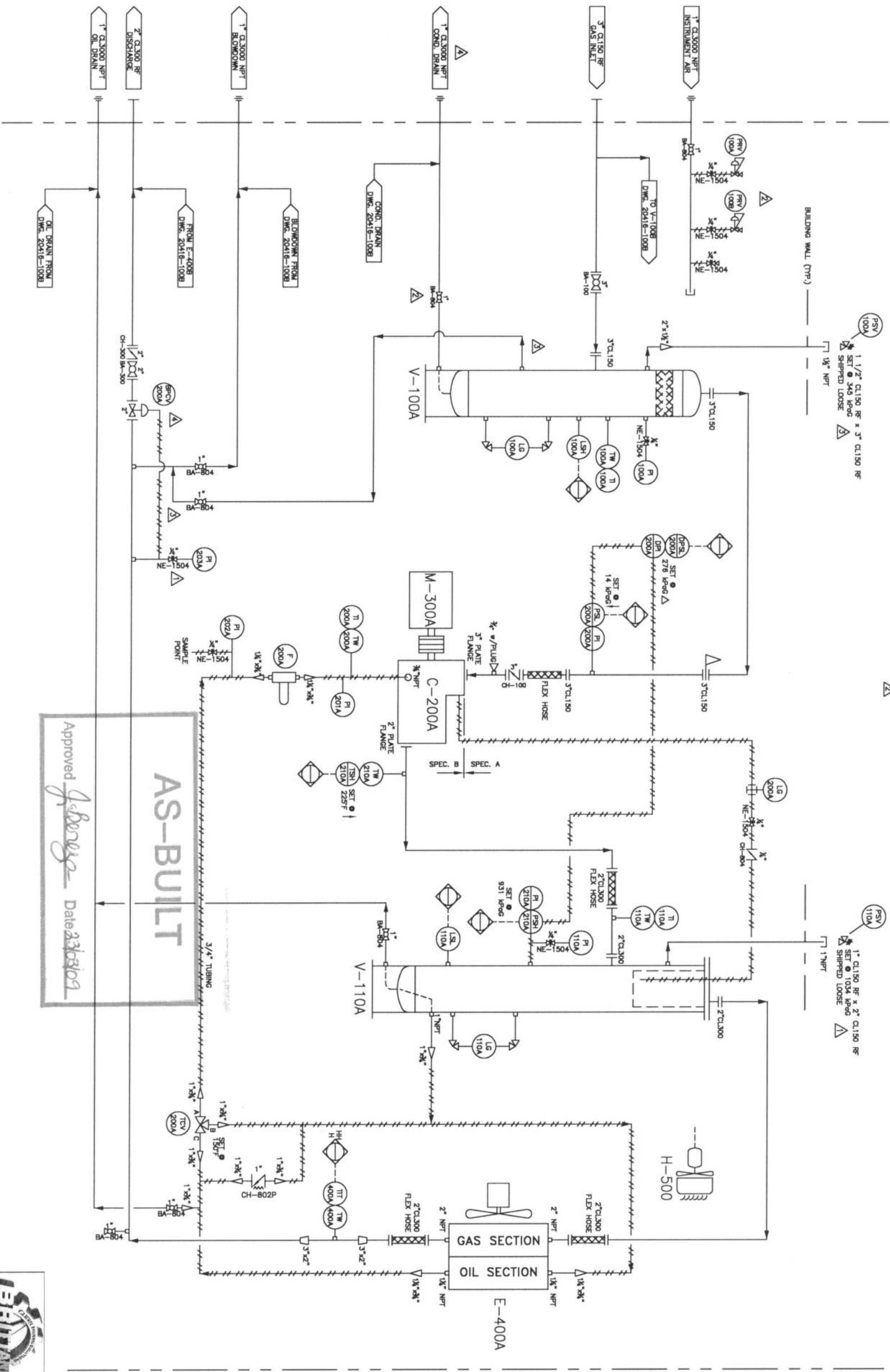
C-200A
COMPRESSOR
GARDNER DENVER ENDURO E25
4.4 VI, FOOT MOUNT

M-300A
DRIVER
TECO WESTINGHOUSE OPTIM HE PLUS
75HP, 3600 RPM, 575V/3PH/60Hz
TEFC ELECTRIC MOTOR

E-400A
AIR COOLED EXCHANGER
GHT-600, 250 PSIG @ 250°F

H-500
BUILDING HEATER
RUFFENCK FX4-600360-150-T
15kW, 600V, 3PH, 60Hz, TEXP

CP-500A/B
ANNUNCIATOR PANEL
MURPHY S1501



AS-BUILT

Approved *J. Borge* Date *23/03/09*

- GENERAL NOTES
1. PIPING CONSTRUCTED TO ASME B31.3 NORMAL SERVICE.
 2. MATERIALS:
 - a) SPEC. A PIPING:
 - PIPE: 3"
 - FITTINGS: 3"
 - FLANGES: 3"
 - GASKETS: 3"
 - BOLTING: 3"
 - 1 1/2" & SMALLER:
 - PIPE: SA-106-B, SCH 80
 - FITTINGS: SA-105N, 3000# NPT
 - UNIONS: SA-105N, 3000# NPT
 - 1/4" 3/8" & 1/2" 304SS, .035" WALL
 - 3/4" 304SS, .049" WALL
 - TUBING FITTINGS: 1/4" 3/8", 1/2" & 3/4" SS
 - b) SPEC. B PIPING:
 - PIPE: 2"
 - FITTINGS: 2"
 - FLANGES: 2"
 - GASKETS: 2"
 - BOLTING: SA-193-B7 STUDS
SA-194-2H NUTS
 - 1 1/2" & SMALLER:
 - PIPE: SA-106-B, SCH 80
 - FITTINGS: SA-105N, 3000# NPT
 - UNIONS: SA-105N, 3000# NPT
 - 1/4" 3/8" & 1/2" 304SS, .035" WALL
 - TUBING: 1/4" 3/8" & 1/2" 304SS, .035" WALL
 - TUBING FITTINGS: 1/4" 3/8", 1/2" & 3/4" SS
- c) UTILITY PIPING:
 - 1 1/2" & SMALLER:
 - PIPE: SA-106-B, SCH 80
 - FITTINGS: SA-105N, 3000# NPT
 - UNIONS: SA-105N, 3000# NPT
 - TUBING: 1/4" 3/8" & 1/2" 304SS, .035" WALL
 - 3/4" 304SS, .049" WALL
 - TUBING FITTINGS: 1/4" 3/8", 1/2" & 3/4" SS
3. DESIGN:
 - a) SPEC. A PIPING: MAMP = 100 PSIG @ 300°F + 1/16" C.A.
MDMT: -20 @ 100 PSIG
AIR TEST: 110 PSIG @ AMBIENT TEMPERATURE
PWHT: NONE
X-RAY: 10X
 - b) SPEC. B PIPING: MAMP = 300 PSIG @ 300°F + 1/16" C.A.
MDMT: -20 @ 300 PSIG
AIR TEST: 330 PSIG @ AMBIENT TEMPERATURE
PWHT: NONE
X-RAY: 10X
 - c) UTILITY PIPING: MAMP = 150 PSIG @ 350°F + 1/16" C.A.
MDMT: -20 @ 150 PSIG
AIR TEST: 165 PSIG @ AMBIENT TEMPERATURE
PWHT: NONE
 4. THIS PRESSURE PIPING SYSTEM HAS A CAPACITY OF LESS THAN 0.5 CUBIC METRES.
 5. PACKAGE IS CLASSIFIED AS CLASS 1, DIV 1.
 6. ALL CONTROL VALVES TO BE VENTED OUTSIDE.

PROJECT NAME: CS+ TRANSLOADING TERMINAL
PROJECT NO. 2007-115
P.O. NO.: 4500093383
LOCATION: BRUDERHEIM, AB

BRITANIA INDUSTRIES INC.



2313 - 8TH STREET
NISKU, ALBERTA
T9E 7Z3
PH: (780) 955-7524
FAX: (780) 955-7468

PROCESS AND INSTRUMENTATION DIAGRAM
DUAL 75HP GARDNER DENVER
ENDURO E25 SCREW PACKAGE

REV	DESCRIPTION	DATE	APP'D
4	AS BUILT	MAR 20/09	
3	REVISED AS NOTED	MAR 9/09	
2	REVISED AS NOTED	FEB 26/09	
1	REVISED AS NOTED	FEB 17/09	
0	ISSUED FOR CONSTRUCTION	FEB 9/09	
B	RE-ISSUED FOR APPROVAL	JAN 29/09	
A	ISSUED FOR APPROVAL	JAN 22/09	

SCALE	DATE	APP'D
NTS		

- SYMBOLS:
- ◊ SIGNAL TO/TROM PANEL
 - LOCALLY MOUNTED
 - ⊖ MAIN CONTROL PANEL
 - ⊖ LOCK GAUGE PANEL
 - ⊖ PRELIMING SIGNAL
 - ⊖ ELECTRIC SIGNAL
 - ⊖ CATALYTIC SIGNAL
- VALVES:
- BA = BALL VALVE
 - CA = GATE VALVE
 - GE = GLOBE VALVE
 - NE = NEEDLE VALVE
- PIPE SIZES:
- 0 = 1/2"
 - 1 = 3/4"
 - 2 = 1"
 - 3 = 1 1/2"
 - 4 = 2"
 - 5 = 2 1/2"
 - 6 = 3"
 - 7 = 3 1/2"
 - 8 = 4"
 - 9 = 4 1/2"
 - 10 = 5"
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