

<div>NOTES</div> <div>1. ABJ-5710 (DRILL WATER STORAGE TANK) LOCATED ON P&ID TRINCPO/PR/12/044131.</div> <div>2. DRILL WATER PUMPS DECOMMISSIONED AND REMOVED.</div>	<div>REFERENCE DRAWINGS</div>	REV	DATE	BY	DESCRIPTION	CHK	ENGR	APPR	DATE	
SHELL TRINIDAD AND TOBAGO LIMITED										
POINSETTIA PLATFORM										
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DRAWING TITLE										
PIPING & INSTRUMENT DIAGRAM										
DRILLING SERVICE										
DRAWN BY MLS		DATE 12JAN07	CHECKED BY BCL		DATE 01MAR07	APPROVED BY -		DATE -	DESIGNED BY -	
SCALE NONE		CONTRACT No. A3CV		DRAWING NUMBER TRI-NC-POI-PR-12-04-4131A					REV 6	

**31-HBG65101
SENDOUT COMPRESSOR SUCTION PREHEATER**

SIZE: 1'-7 DIA. X 9'-10 T/T
RATED DUTY: 0.949 MBTU/HR
MATERIAL: CS/304SS
DESIGN PRESSURE (SHELL/TUBE): 250/150 PSIG
MAX. DESIGN TEMP. (SHELL/TUBE): 230/150 ° F
MIN. DESIGN TEMP. (SHELL/TUBE): -20/-125 ° F
TEST PRESSURE (SHELL/TUBE): 3

**31-VCBA65101
SENDOUT COMPRESSOR PACKAGE**

DESIGN FLOWRATE: 32,826 LB/HR
1ST/2ND/3RD STAGE SUCT PRESS: 49/208/582 PSIG
1ST/2ND/3RD STAGE SUCT TEMP: -20/111/111 ° F
1ST/2ND/3RD STAGE DISCH PRESS: 218/593/1400 PSIG
1ST/2ND/3RD STAGE DISCH TEMP: 153/268/244 ° F
1ST/2ND/3RD STAGE D

**31-ABL6510103/05
1ST/2ND/3RD STAGE SUCTION PULSATION BOTTLE**

SIZE: 3'-7 DIA X 7'-10 T/T / 2'-6 DIA X 8'-10 T/T / 2'-0 DIA X 8'-6 T/T
SHELL THK: 0.55/0.47/0.15 IN.
MATERIAL: C.S.
DESIGN PRESS: 242/242/669 PSIG
DESIGN TEMP MIN: -50/-20/-20 ° F
DESIGN TEMP MAX: 350 ° F
TEST PRESS: 477/601/

**31-ABL6510204/06
1ST/2ND/3RD STAGE DISCHARGE PULSATION BOTTLE**

SIZE: 3'-0 DIA X 10'-8 T/T, 2'-6 DIA X 8'-10 T/T, 2'-0 DIA X 7'-7 T/T
SHELL THK: 0.47/0.91/1.5 IN.
MATERIAL: C.S.
DESIGN PRESS: 242/669/1550 PSIG
DESIGN TEMP MIN: -50/-20/-20 ° F
DESIGN TEMP MAX: 350 ° F
TEST PRESS: 500/1150/2573 PSIG

NOTE (s):

1. REFER TO P&ID DIAG. 0004-6 FOR N2 PURGE MOUNTING DETAIL.
2. DELETED
3. SET INTERLOCK SO THAT SDV MUST BE OPEN TO START COMPRESSOR AND COMPRESSOR MUST BE STOPPED TO CLOSE THE SDV.
4. SIZE THE FIRST STAGE AFTERCOOLER FOR FULL HEAT LOAD OF THIRD STAGE DISCHARGE GAS.
5. SENDOUT COMPRESSOR IS SHUTDOWN AT 1415 PSIG AND 150 ° F TO PROTECT PIPELINECLASS 600 FLANGES.
6. DUAL PLATE CHECK VALVE.
7. VENT TO ATMOSPHERE TO HAVE AN 8 MM WEEP HOLE AT LOW POINT.
8. THE BOG AND SENDOUT COMPRESSORS ARE IN A COMMON CONTAINMENT AREA. STORM WATER DRAINS THROUGH A CEMENT FILTER. THE CEMENT FILTER, PIPING AND VALVE ARE DETAILED ON CIVIL DRAWING USSP-CBE-00-CD-271-D41-0001-01. (10) ASSEMBLIES REQUIRED FOR THE COMBINED BOG AND SENDOUT COMPRESSOR AREA.
9. INLET A13 PIPING CONNECTS DIRECTLY TO 1ST STAGE SUCTION PULSATION BOTTLE. PULSATION BOTTLE IS LOW TEMPERATURE CARBON STEEL.
10. PROVIDE 4 TO 5 DIAMETERS OF STRAIGHT PIPE DOWNSTREAM OF DIFFUSER.
11. DISCHARGE OUTLET TO HAVE A MINIMUM HEIGHT OF 51 FT ABOVE GRADE.
12. DELETED

1st STAGE DISCHARGE SUCTION 326 FT. LBS. 1-13/16"
2nd STAGE DISCHARGE SUCTION 454 FT. LBS. 2"
3rd STAGE DISCHARGE SUCTION 614 FT. LBS. 2-13/16"

AS-BUILT

GPS	AS-BUILT	DPD
52	03/04/2019	AS-BUILT
51	12/30/2010	DPD
50	10/01/2010	AS-BUILT
49	08/06/2012	DPD
48	03/05/2019	AS-BUILT
47	03/05/2019	DPD
46	08/06/2012	AS-BUILT
45	08/06/2012	DPD
44	08/06/2012	AS-BUILT
43	08/06/2012	DPD
42	08/06/2012	AS-BUILT
41	08/06/2012	DPD
40	08/06/2012	AS-BUILT
39	08/06/2012	DPD
38	08/06/2012	AS-BUILT
37	08/06/2012	DPD
36	08/06/2012	AS-BUILT
35	08/06/2012	DPD
34	08/06/2012	AS-BUILT
33	08/06/2012	DPD
32	08/06/2012	AS-BUILT
31	08/06/2012	DPD
30	08/06/2012	AS-BUILT
29	08/06/2012	DPD
28	08/06/2012	AS-BUILT
27	08/06/2012	DPD
26	08/06/2012	AS-BUILT
25	08/06/2012	DPD
24	08/06/2012	AS-BUILT
23	08/06/2012	DPD
22	08/06/2012	AS-BUILT
21	08/06/2012	DPD
20	08/06/2012	AS-BUILT
19	08/06/2012	DPD
18	08/06/2012	AS-BUILT
17	08/06/2012	DPD
16	08/06/2012	AS-BUILT
15	08/06/2012	DPD
14	08/06/2012	AS-BUILT
13	08/06/2012	DPD
12	08/06/2012	AS-BUILT
11	08/06/2012	DPD
10	08/06/2012	AS-BUILT
9	08/06/2012	DPD
8	08/06/2012	AS-BUILT
7	08/06/2012	DPD
6	08/06/2012	AS-BUILT
5	08/06/2012	DPD
4	08/06/2012	AS-BUILT
3	08/06/2012	DPD
2	08/06/2012	AS-BUILT
1	08/06/2012	DPD

INDICATES CHANGE FROM PREVIOUS ISSUE

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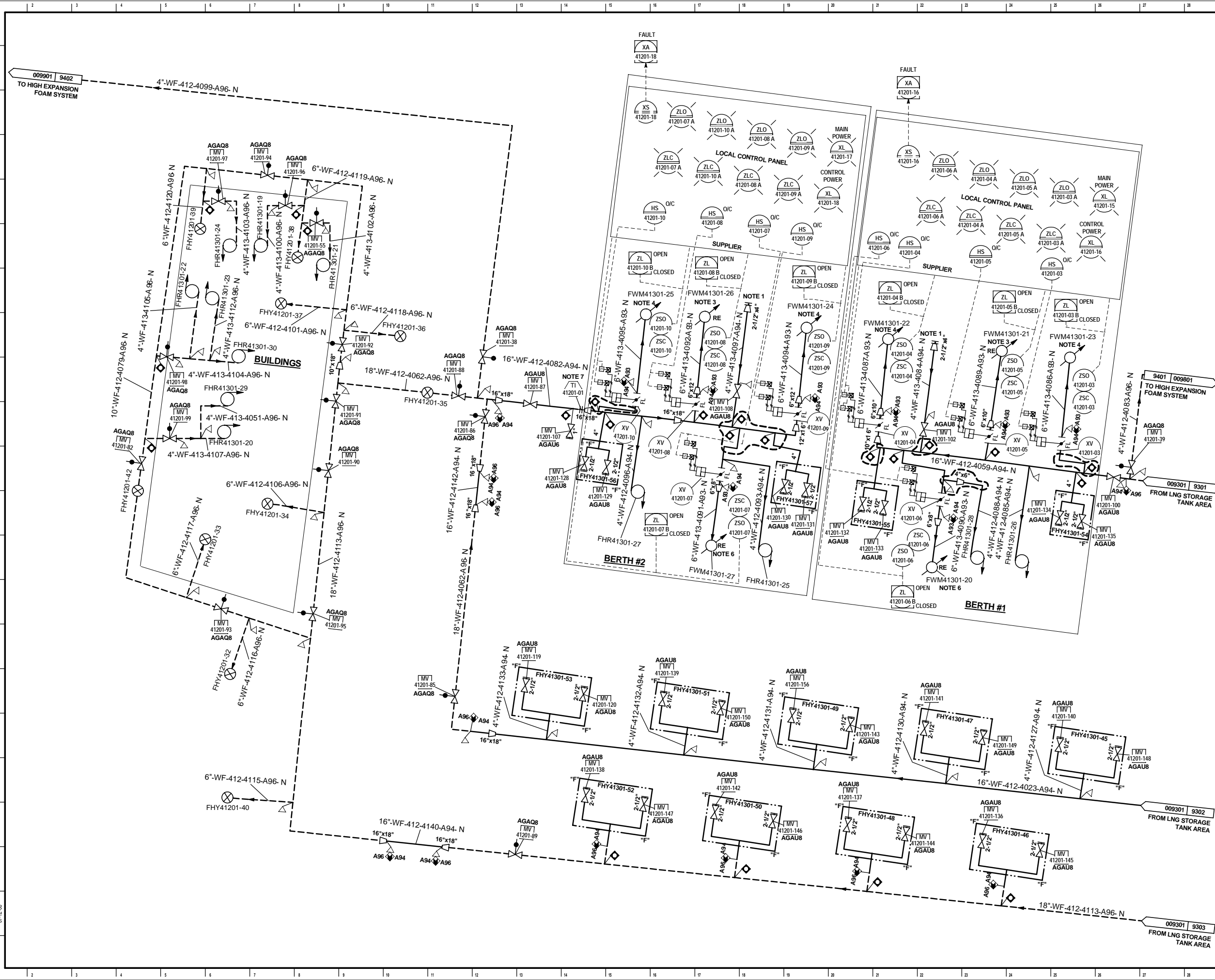
CB&I CONTRACT NUMBER: 150433

Golden Pass LNG
SABINE PASS, TEXAS

PROJECT:	ONSHORE LNG IMPORT TERMINAL	TERMINAL:	GOLDEN PASS
DRAWING TYPE:	PIPING & INSTRUMENT DIAGRAM	DISCIPLINE:	PROCESS

TITLE: **SENDOUT COMPRESSOR
31-VCBA65101**

DRAWN BY:	JME	DATE:	AYK	SCALE:	NONE	ISSUE NO.:	
CHECKED BY:	AYK	APPROVED BY:	DPD			REV. NO.:	54
DRAWING NO.:	USSP-CBE-31-PD-651-D10-0024-01						



- NOTE (s):**
- SHIP TO SHORE CONNECTIONS.
 - REFER TO P&ID USSP-CBE-00-PD-412-D10-0095-01 FOR FIREWATER SYSTEM DETAILS.
 - REMOTE CONTROLLED, ELEVATED MONITOR TO BE SUPPORTED OFF OF GANGWAY. ACTIVATION AND CONTROLS FROM CONTROL PANEL LOCATED MIN. 100 FT. FROM LOADING ARMS.
 - TWO AUTO-SWEEP MONITORS. LOCATED ON LOADING ARM PLATFORM. ACTIVATION FROM CONTROL PANEL LOCATED MIN. 100 FT FROM LOADING ARMS.
 - DELETED
 - REMOTE-CONTROLLED, ELEVATED MONITOR TO BE SELF-SUPPORTED TYPE.
 - CONNECTION FOR PHASE 2.

AS-BUILT

2	JME	ISSUED FOR CONSTRUCTION	DPD
1	GPS	ISSUED FOR CONSTRUCTION	DPD
0	GPS	ISSUED FOR CONSTRUCTION	DPD
5	JME	AS-BUILT	DPD
20	JME	AS-BUILT	DPD
1	DPD		
ISSUE NO.	BY	BRIEF DESCRIPTION OR REMARKS	DESIGN APPROVAL
	DATE		

INDICATES CHANGE FROM PREVIOUS ISSUE

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CB&I CONTRACT NUMBER: 150433	
Golden Pass LNG SABINE PASS, TEXAS	
PROJECT: ONSHORE LNG IMPORT TERMINAL	TERMINAL: GOLDEN PASS
DRAWING TYPE: PIPING & INSTRUMENTATION DIAGRAM	DISCIPLINE:
TITLE: FIREWATER DISTRIBUTION SYSTEM BUILDINGS / UNLOADING AREA	
DRAWN BY: EVO	DATE: 02-Aug-06
CHECKED BY: AE	APPROVED BY: DPD
DRAWING NO.: USSP-CBE-00-PD-412-D10-0094-01	ISSUE NO.: SCALE: NONE REV. NO.: 51