ZZZ-4710
GLYCOL REGENERATION SKID

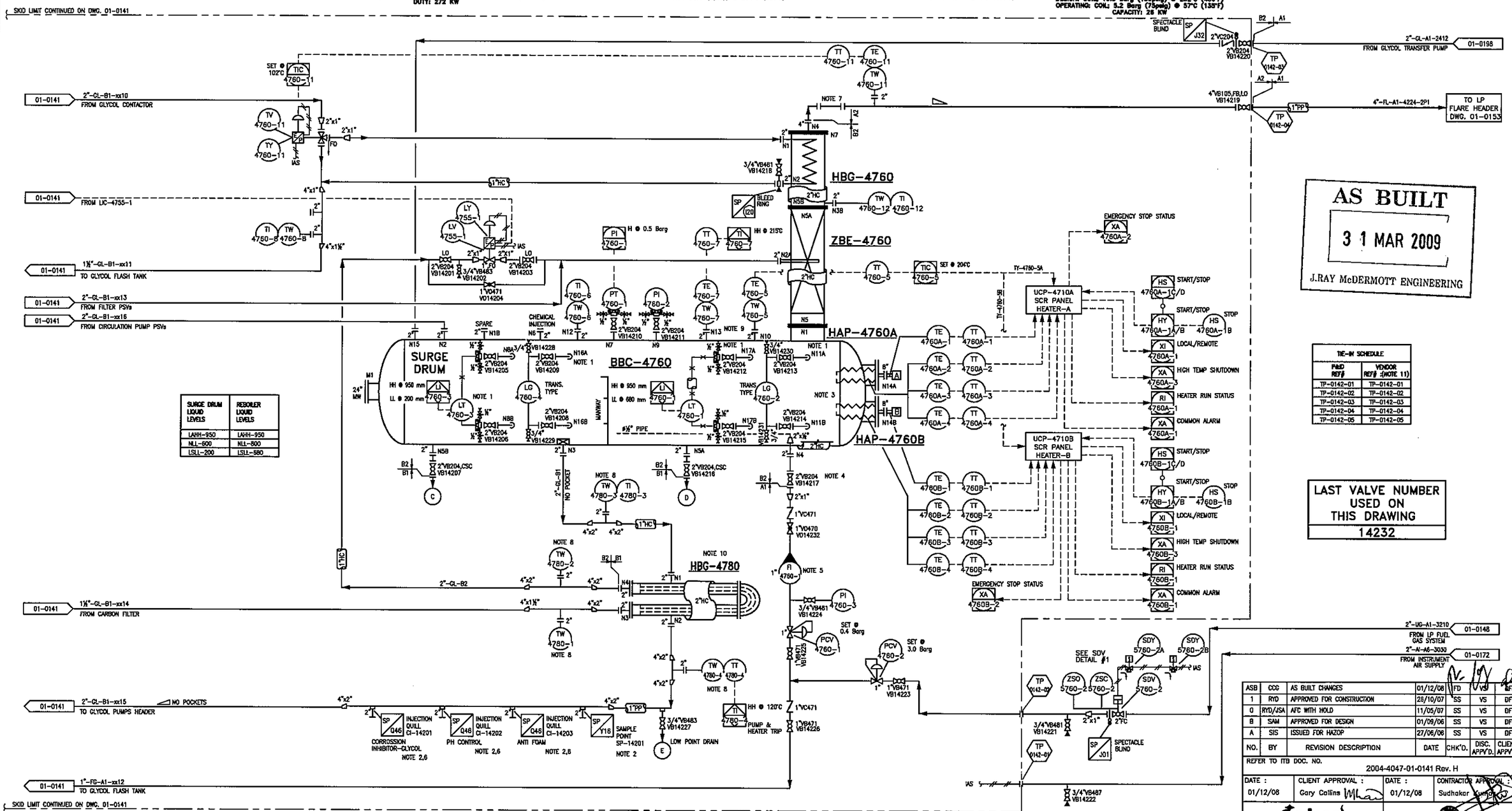
HBG-4780
GLYCOL/GLYCOL HEAT EXCHANGER
SIZE: 6845mm (262") L x 762mm (30") H
DESIGN: SHELL/TUBE; FV/10.3 Barg (150psig) @ 232°C (450°F)
OPERATING: SHELL; 0.1/ATM Barg @ 199/90°C TUBE; 2.0/1.7 Barg @ 57/180°C
DUTY: 272 KW

BBC-4760
GLYCOL REBOILER WITH INTEGRAL SURGE DRUM
SIZE: 1100mm (3'-7") OD x 5300mm (17'-5") T/T
DESIGN: FV/3.45 Barg (50psig) @ 232°C (450°F)
OPERATING: ATM/0.34 Barg (5psig) @ 204°C (400°F)

ZBE-4760
GLYCOL STILL COLUMN
SIZE: 457mm (18") OD x 2700mm (8'-10") F/F
DESIGN: FV/3.45 Barg (50psig) @ 232°C (450°F)
OPERATING: ATM/0.34 Barg (5psig) @ 204°C (400°F)

HBG-4760
GLYCOL REFLUX CONDENSER
SIZE: 457mm (18") OD x 1750mm (5'-9") F/F
DESIGN: SHELL: FV/3.45 Barg (50psig) @ 232°C (450°F)
OPERATING: SHELL: ATM/0.34 Barg (5psig) @ 190°C (325°F)
DESIGN: COIL: 10.3 Barg (150psig) @ 232°C (450°F)
OPERATING: COIL: 5.2 Barg (75psig) @ 57°C (135°F)
CAPACITY: 28 KW

HAP-4760 A/B
GLYCOL REBOILER HEATING ELEMENTS
CAPACITY: (2x50%) 155 KW ELECTRIC HEATER



SURGE DRUM LIQUID LEVELS	REBOILER LIQUID LEVELS
LAHH-950	LAHH-950
NLL-600	NLL-800
LSLL-200	LSLL-580

TIE-IN SCHEDULE	
P&ID REF#	VENDOR REF# :(NOTE 11)
TP-0142-01	TP-0142-01
TP-0142-02	TP-0142-02
TP-0142-03	TP-0142-03
TP-0142-04	TP-0142-04
TP-0142-05	TP-0142-05

AS BUILT
3 1 MAR 2009
J.RAY McDERMOTT ENGINEERING

LAST VALVE NUMBER USED ON THIS DRAWING
14232

NOTES:

1. "N8A/B N15A/B" AND "N11A/B N17A/B" CONNECTIONS TO BE AT SAME UPPER & LOWER ELEVATION.
2. SAMPLE POINTS, INJECTION POINTS, CORROSION INHIBITOR POINTS WILL BE FREE ISSUED FOR INSTALLATION.
3. ENSURE BUNDLE SUBMERGED AT LL LEVEL.
4. INSTALL CLOSE TO VESSEL.
5. INSTALL IN VERTICAL POSITION.
6. CHEMICAL INJECTION TO BE BATCH DOSING AS REQUIRED.
7. REMOVABLE SPOOL FOR POSITIVE VESSEL ISOLATION.
8. INSTALL ALL (4) TWs CLOSE TO HEAT EXCHANGER FOR PERFORMANCE MONITORING.
9. TEMPERATURE ELEMENTS TO BE LOCATED IN LOWER HALF OF VESSEL.
10. GLYCOL/GLYCOL HEAT EXCHANGER WILL VENT THROUGH REBOILER NOZZLE N3 AND DRAIN THROUGH LOW POINT DRAIN.
11. VENDOR DRAWING No. R2837-004006-010-0001.

ZZZ-4710
SKID LIMITS

DEPARTMENT	INITIAL	
	JRMAP	CLJOC
PIPING	KP	AO
INSTRUMENTATION	YV	DE
MECHANICAL	KS	BT
ELECTRICAL	VS	PL
SAFETY	UT	HC

ASB	CCC	AS BUILT CHANGES	01/12/08	FD	VS	DF
1	RYD	APPROVED FOR CONSTRUCTION	26/10/07	SS	VS	DF
0	RYD/JSA	AFC WITH HOLD	11/05/07	SS	VS	DF
B	SAM	APPROVED FOR DESIGN	01/08/06	SS	VS	DF
A	SIS	ISSUED FOR HAZOP	27/06/06	SS	VS	DF
NO.	BY	REVISION DESCRIPTION	DATE	CHK'D.	DISC. APPV'D.	CLIENT APPV'D.

REFER TO ITB DOC. NO. 2004-4047-01-0141 Rev. H

DATE :	CLIENT APPROVAL :	DATE :	CONTRACTOR APPROVAL :
01/12/08	Gary Collins	01/12/08	Sudhakar Kumar

CUU LONG JOINT OPERATING COMPANY
J.Ray McDermott Asia Pacific Pte Ltd

Su Tu Vang Project

FACILITY : CENTRAL PROCESSING PLATFORM

DRAWING TITLE:
PIPING AND INSTRUMENTATION DIAGRAM
CPP GLYCOL REGENERATION SYSTEM Sheet 2

SCALE :	DRAWING No. :	REV:
NTS	2004-4047-01-0142	ASB

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