



NOTES

- REFER TO LEGEND SHEETS 168397-100-PR-PI-0001 TO 0012 FOR DETAILS OF PIPING CLASS, INSULATION, EQUIPMENT TYPES, INSTRUMENT DETAILS, VALVES AND SPECIFIC HOOK-UP REQUIREMENTS.
- CAISSON IS CLOSE TOPPED AND SEALED. ACCESS FOR OIL REMOVAL VIA CAISSON TOP REMOVAL.
 - LV-40501 PROVIDED WITH A HAND WHEEL TO ALLOW DRAINING OF DEGASSER SURGE DRUM.
 - DEGASSER DRUM LEVEL CONTROL VALVE AND LINE LOCATED BELOW LEVEL 1 WITH MAXIMUM VERTICAL DISTANCE FROM TOP OF CAISSON TO BE 2M.
 - DELETED.
 - FLOWMETER TO HAVE MINIMUM STRAIGHT LENGTHS AS SPECIFIED BY INSTRUMENT GROUP.
 - DELETED.
 - PROVIDE HIGH POINT TO KEEP LV-40501 AND FLOWMETER FLOODED AT ALL TIMES. NO POCKETS DOWNSTREAM OF HIGH POINT.
 - TIGHT SHUT OFF VALVE TO BE FITTED WITH ANTI-CAVITATION TRIM.
 - LIMIT OF PUQ PLATFORM TOPSIDES ASSEMBLY (PED).
 - LEVEL CONTROL TO BE CAPABLE OF GAP ACTION DURING PERIODS OF LOW PRODUCED WATER FLOW.
 - ALLOCATION METERING SYSTEM.
 - CAISSON DESIGN TO INCORPORATE PUMP HOUSING TO ENSURE STABLE PORTABLE PUMP OPERATION AT START-UP.
 - INSULATION FLANGE FINAL 2M OF LINE TO BE COATED INTERNALLY TO PROTECT AGAINST GALVANIC CORROSION.
 - PROVIDE HIGH POINT TO KEEP FLOWMETER AND UPSTREAM CONTROL VALVE LV-21187-1/2 FLOODED AT ALL TIMES. NO POCKETS DOWNSTREAM OF HIGH POINT.
 - PROVIDE HIGH POINT TO KEEP CONTROL VALVE FLOODED AT ALL TIMES. NO POCKETS DOWNSTREAM OF HIGH POINT.
 - CONTROL VALVE TO BE FITTED WITH ADJUSTABLE EXTERNALLY MOUNTED MINIMUM STOP. VALVE TO BE FITTED WITH ANTI-CAVITATION TRIM.
 - TIE-IN CONNECTION FROM RELIEF HEADER / SAND CLEAN UP FROM TEMPORARY SAND REMOVAL PACKAGE. VALVE TO BE LOCKED OPEN WHEN PACKAGE IS CONNECTED.
 - LIC-40501-1 TO FORCE LV-40501 TO 100% OPEN WHEN LEVEL WITHIN DEGASSER RISES ABOVE 78%. ONCE DEGASSER LEVEL DROPS TO 72% LIC-40501-1 WILL RETURN TO AUTOMATIC PID CONTROL.

HOLDS

- DELETED.
- DELETED.
- DELETED.
- DELETED.

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z2	19/06/2023	AS-BUILT FOR G400402	GD	TL	JMM	TF
Z1	18/12/2014	AS BUILT INCL RN 05-08	SG	JG	JG	JM
1	07/06/2012	REVISED FOR CONSTRUCTION INC. RN 04 - 05	MC	JCM	RJD	SA
0	18/01/2012	AFC INC. RN 02 - 03	MC	JCM	RJD	SA
D2	13/10/2011	REVISED FOR DESIGN INC. RN 01	MC	JCM	RJD	SA
D1	11/07/2011	APPROVED FOR DESIGN	MC	JCM	RJD	SA
A2	16/02/2011	ISSUED FOR DETAILED DESIGN	MC	JCM	RJD	



TITLE: PIPING & INSTRUMENT DIAGRAM PRODUCED WATER CAISSON	
SCALE (A1): NTS	
ASSAI No: PR08PU0080	
CONTRACT No: 168397	
CLIENT CONTRACT No: GEA-CT-00808	
DRAWING No: 168397 - 100 - PR - PY - 4007 - 01	REV Z2