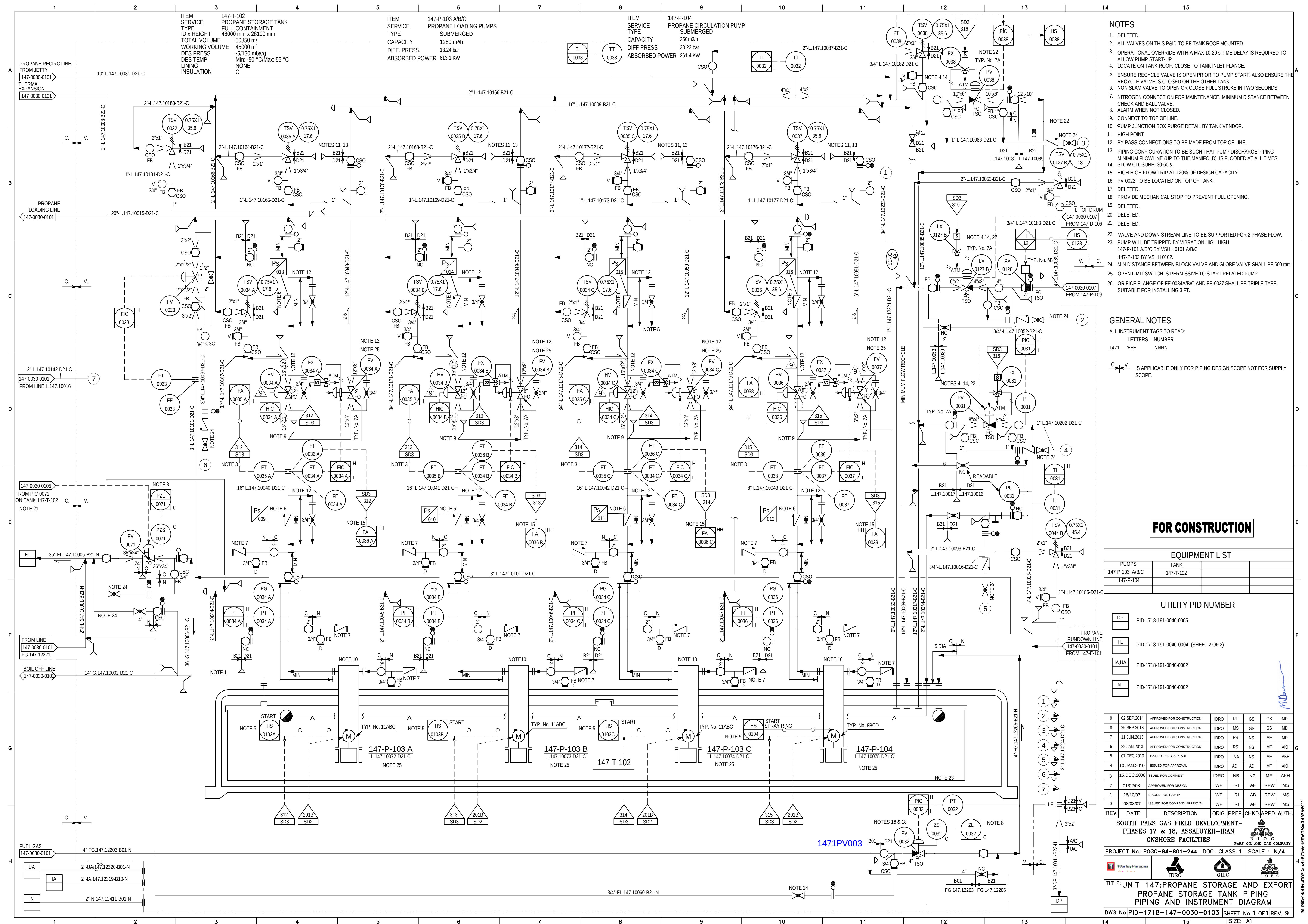




NOTES

1. DELETED.
2. ALL VALVES ON THIS P&ID TO BE TANK ROOF MOUNTED.
3. OPERATIONAL OVERRIDE WITH A MAX 10-20 s TIME DELAY IS REQUIRED TO ALLOW PUMP START-UP.
4. LOCATE ON TANK ROOF, CLOSE TO TANK INLET FLANGE.
5. ENSURE RECYCLE VALVE IS OPEN PRIOR TO PUMP START. ALSO ENSURE THE RECYCLE VALVE IS CLOSED ON THE OTHER TANK.
6. NON SLAM VALVE TO OPEN OR CLOSE FULL STROKE IN TWO SECONDS.
7. NITROGEN CONNECTION FOR MAINTENANCE. MINIMUM DISTANCE BETWEEN CHECK AND BALL VALVE.
8. ALARM WHEN NOT CLOSED.
9. CONNECT TO TOP OF LINE.
10. PUMP JUNCTION BOX PURGE DETAIL BY TANK VENDOR.
11. HIGH POINT.
12. BY PASS CONNECTIONS TO BE MADE FROM TOP OF LINE.
13. PIPING CONFIGURATION TO BE SUCH THAT PUMP DISCHARGE PIPING MINIMUM FLOWLINE (UP TO THE MANIFOLD), IS FLOODED AT ALL TIMES.
14. SLOW CLOSURE, 30-60 s.
15. HIGH HIGH FLOW TRIP AT 120% OF DESIGN CAPACITY.
16. PV-0022 TO BE LOCATED ON TOP OF TANK.
17. DELETED.
18. PROVIDE MECHANICAL STOP TO PREVENT FULL OPENING.
19. DELETED.
20. DELETED.
21. DELETED.
22. VALVE AND DOWN STREAM LINE TO BE SUPPORTED FOR 2 PHASE FLOW.
23. PUMP WILL BE TRIPPED BY VIBRATION HIGH HIGH
147-P-101 A/B/C BY VSHH 0101 A/B/C
147-P-102 BY VSHH 0102.
24. MIN DISTANCE BETWEEN BLOCK VALVE AND GLOBE VALVE SHALL BE 600 mm.
25. OPEN LIMIT SWITCH IS PERMISSIVE TO START RELATED PUMP.
26. ORIFICE FLANGE OF FE-0034A/B/C AND FE-0037 SHALL BE TRIPLE TYPE SUITABLE FOR INSTALLING 3 FT.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ		
	LETTERS	NUMBER
1471	FFF	NNNN

 IS APPLICABLE ONLY FOR PIPING DESIGN SCOPE NOT FOR SUPPLY SCOPE.

FOR CONSTRUCTION

EQUIPMENT LIST			
PUMPS	TANK		
147-P-103 A/B/C	147-T-102		
147-P-104			

UTILITY PID NUMBER

DP	PID-1718-191-0040-0005
FL	PID-1718-191-0040-0004 (SHEET 2 OF 2)
IA,UA	PID-1718-191-0040-0002
N	PID-1718-191-0040-0002

8	02 SEP 2014	APPROVED FOR CONSTRUCTION	IDRO	RT	GS	GS	MD
8	25 SEP 2013	APPROVED FOR CONSTRUCTION	IDRO	MS	GS	GS	MD
7	11 JUN 2013	APPROVED FOR CONSTRUCTION	IDRO	RS	NS	MF	MD
6	2 JAN 2013	APPROVED FOR CONSTRUCTION	IDRO	RS	NS	MF	AKH
5	07 DEC 2010	ISSUED FOR APPROVAL	IDRO	NA	NS	MF	AKH
4	10 JAN 2010	ISSUED FOR APPROVAL	IDRO	AD	AD	MF	AKH
3	15 DEC 2008	ISSUED FOR COMMENT	IDRO	NB	NZ	MF	AKH
2	01/02/08	APPROVED FOR DESIGN	WP	RI	AF	RPW	MS
1	26/10/07	ISSUED FOR HAZOP	WP	RI	AB	RPW	MS
0	08/06/07	ISSUED FOR COMPANY APPROVAL	WP	RI	AF	RPW	MS

REV.	DATE	DESCRIPTION	ORIG.	PREP.	CHKD.	APPD.	AUTH.
SOUTH PARS GAS FIELD DEVELOPMENT- PHASES 17 & 18, ASSALUYEH-IRAN ONSHORE FACILITIES							 N I O C

PROJECT No.: POGC-84-801-244		DOC. CLASS. 1	SCALE : N/A
 WorleyParsons			

TITLE: UNIT 147:PROPANE STORAGE AND EXPORT
PROPANE STORAGE TANK PIPING
PIPING AND INSTRUMENT DIAGRAM

DWG No. PID-1718-147-0030-0103 SHEET No.1 OF 1 REV. 9