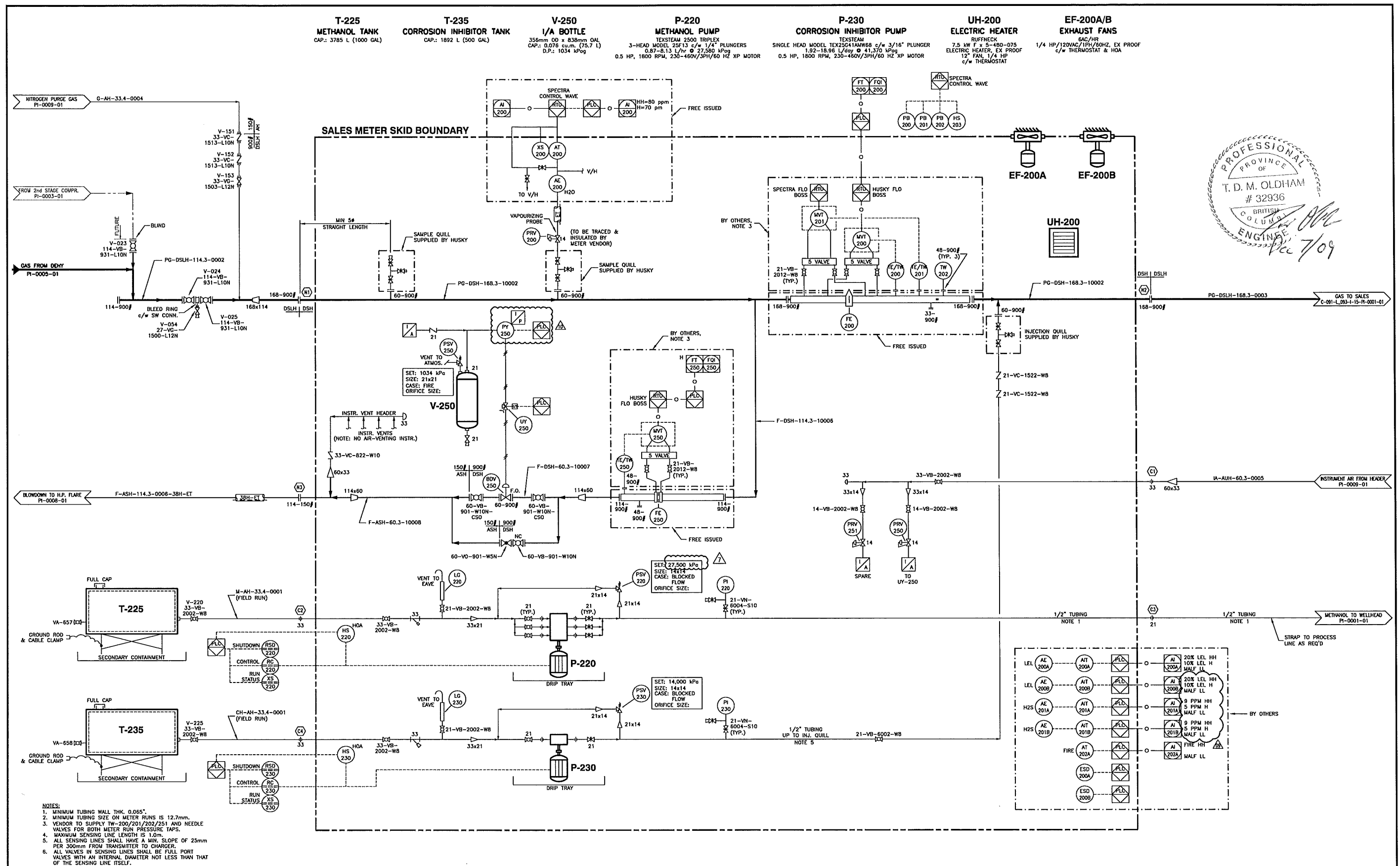


NOTES:
 1. WHEN ANY ESD PUSH BUTTON IS ACTUATED, ALL PLC OUTPUTS TO FIELD DEVICES WILL BE DE-ENERGIZED.
 2. DO NOT UNLOCK THIS VALVE UNLESS THE ABSORBER HAS FIRST BEEN VENTED AND DEPRESSURIZED. WHEN THAT HAS BEEN DONE, UNLOCK & OPEN THE VALVE VERY SLOWLY.

<div> <div> <div></div> <div> <div>GAS</div> <div>LIQUIDS</div> <div>ENGINEERING LTD.</div> </div> </div> <div> <ul style="list-style-type: none"> GAS PURIFICATION REFRIGERATION DISTILLATION LIQUIDS TREATING FACILITIES ENGINEERING </div> </div>	GLE Facility: 08146	REF DWG NO	REFERENCE DRAWING DESCRIPTION	NO	REVISION HISTORY	REV AUTHOR	REV DATE	ISSUED FOR	NO	CURRENT REVISION	ISSUED FOR CONSTRUCTION
				8	ISSUED FOR CONSTRUCTION (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-08	CONSTRUCTION	12	CSO'D VALVES AS NOTED (EWR 12045, GLEL 08146)	DOC DATE 09-12-03
				9	REVISED AS NOTED (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-16	CONSTRUCTION			DOC AUTHOR EPC_GLEL
				10	ISSUED FOR REGISTRATION (EWR 12045, GLEL 08146)	EPC_GLEL	09-10-08	CONSTRUCTION			SCALE NONE
				11	REVISED AS NOTED (EWR 12045, GLEL 08146)	EPC_GLEL	09-11-20	CONSTRUCTION			ALTERNATE IDENTIFIER
				5	ISSUED FOR OGC APPROVAL (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-07	APPROVAL			SURFACE L&D B-049-C-093-P-02
				6	ISSUED FOR BID (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-30	BID			DOCUMENT IDENTIFIER PI-0004-01
				7	REVISED FLASH VESSEL PSV LINE SIZE (EWR 12045, GLEL 08146)	EPC_GLEL	09-08-11	INFORMATION			
<div> <div> <div></div> <div> <div>Husky Oil Operations Limited</div> </div> </div> <div> <div>WEI PINE RIVER C-85-D/93-P-12</div> <div>SUNCOR ET AL HZ WOLVERINE B-049-C/093-P-02</div> <div>WELLSITE DEHYDRATION FACILITY</div> <div>PIPING & INSTRUMENTATION DIAGRAM - GLYCOL DEHYDRATION SKID</div> </div> </div>											

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CAD DRAWING: DO NOT CHANGE MANUALLY



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GAS LIQUIDS ENGINEERING LTD.

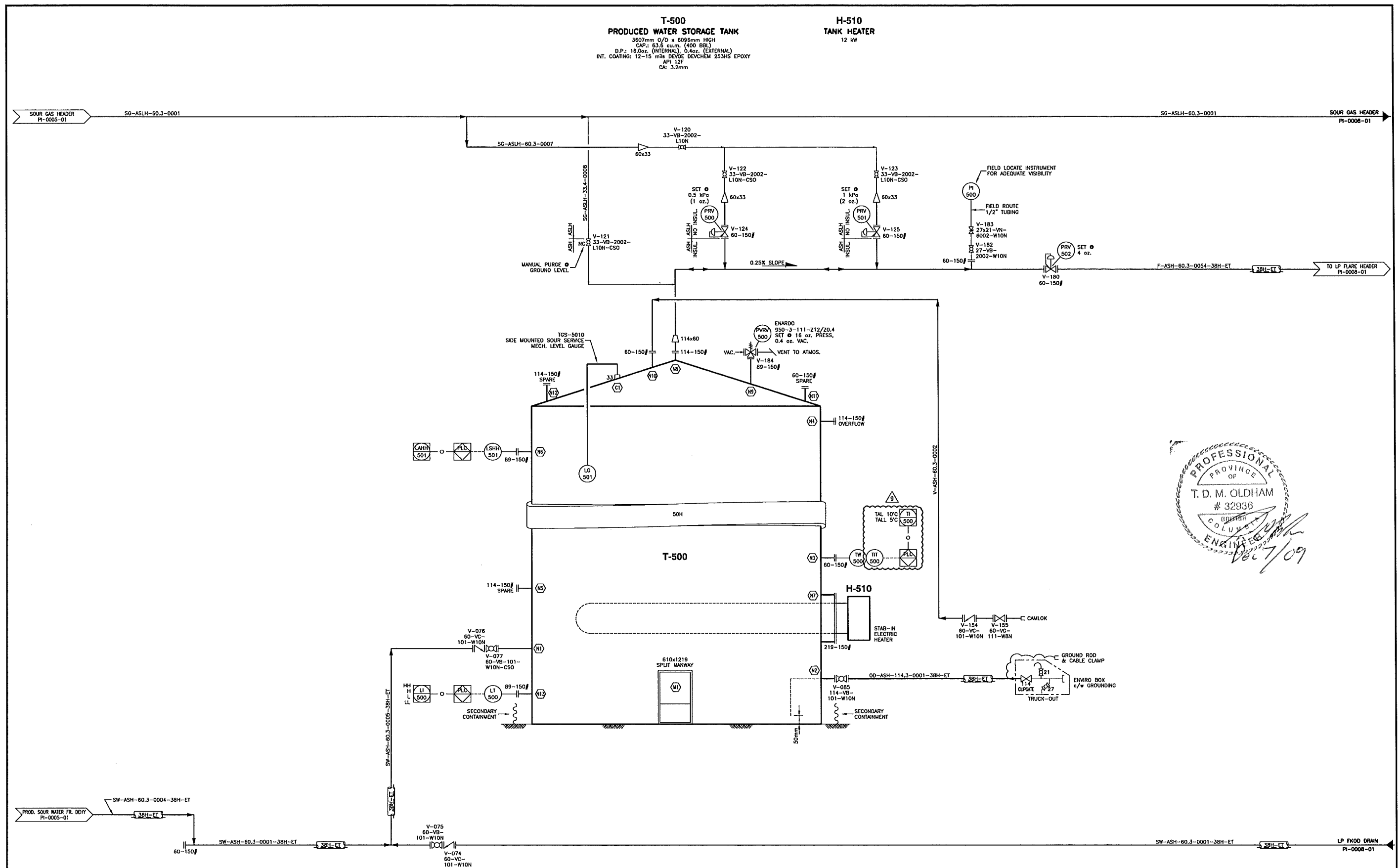
- GAS PURIFICATION
- REFRIGERATION
- DISTILLATION
- LIQUIDS TREATING
- FACILITIES ENGINEERING

REF DWG NO	REFERENCE DRAWING DESCRIPTION	NO	REVISION HISTORY	REV AUTHOR	REV DATE	ISSUED FOR	NO	CURRENT REVISION	ISSUED FOR CONSTRUCTION
		8	ISSUED FOR REGISTRATION (EWR 12045, GLEL 08146)	EPC_GLEL	09-10-08	CONSTRUCTION	10	ADDED PY-250 (EWR 12045, GLEL 08146)	DOC DATE 09-12-03
		9	REVISED AS NOTED (EWR 12045, GLEL 08146)	EPC_GLEL	09-11-20	CONSTRUCTION			DOC AUTHOR EPC_GLEL
		3	ISSUED FOR APPROVAL FOR FACILITY (EWR 12045, GLEL 08146)	EPC_GLEL	09-05-20	APPROVAL			SCALE NONE
		4	ISSUED FOR OGC APPROVAL (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-07	APPROVAL			ALTERNATE IDENTIFIER
		5	ISSUED FOR BID (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-30	BID			
		6	ISSUED FOR CONSTRUCTION (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-08	CONSTRUCTION			SURFACE LSO B-049-C-093-P-02
		7	REVISED AS NOTED (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-16	CONSTRUCTION			DOCUMENT IDENTIFIER PI-0006-01

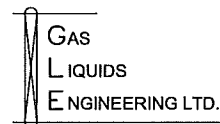
Husky Oil Operations Limited

WEI PINE RIVER C-85-D/93-P-12
SUNCOR ET AL HZ WOLVERINE B-049-C/093-P-02
WELLSITE DEHYDRATION FACILITY
PIPING & INSTRUMENTATION DIAGRAM - SALES METER SKID

CAD DRAWING: DO NOT CHANGE MANUALLY



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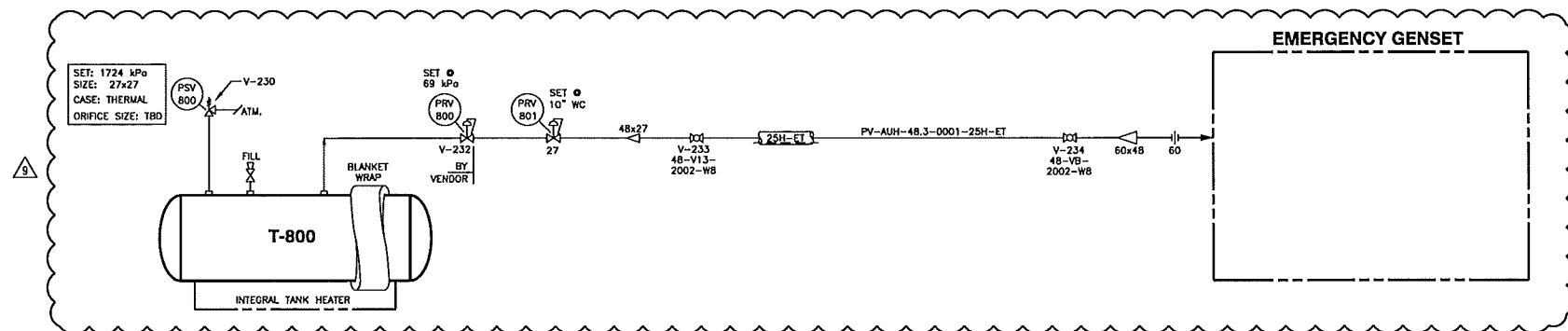
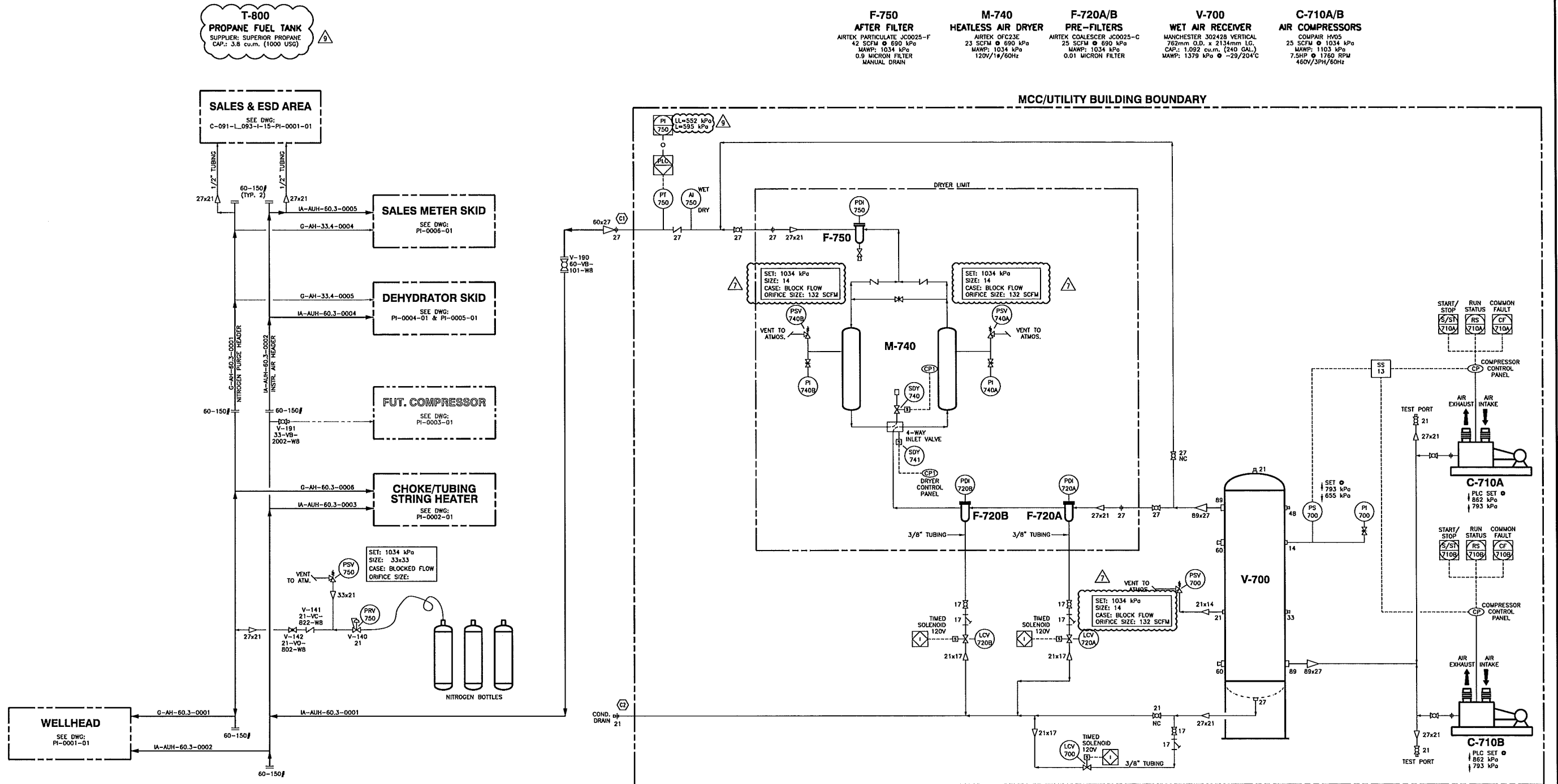


GLE Facility: 08146

- GAS PURIFICATION
- REFRIGERATION
- DISTILLATION
- LIQUIDS TREATING
- FACILITIES ENGINEERING

REF DWG NO	REFERENCE DRAWING DESCRIPTION	NO	REVISION HISTORY	REV AUTHOR	REV DATE	ISSUED FOR	NO	CURRENT REVISION	ISSUED FOR CONSTRUCTION
		8	ISSUED FOR REGISTRATION (EWR 12045, GLEL 08146)	EPC_GLEL	09-10-08	CONSTRUCTION	09	ADDED TIT-500 AS NOTED (EWR 12045, GLEL 08146)	DOC DATE 09-12-03
		2	ISSUED FOR HAZOP (EWR 12045, GLEL 08146)	EPC_GLEL	09-04-17	HAZOP			DOC AUTHOR EPC_GLEL
		3	ISSUED FOR APPROVAL FOR FACILITY (EWR 12045, GLEL 08146)	EPC_GLEL	09-05-20	APPROVAL			SCALE NONE
		4	ISSUED FOR OGC APPROVAL (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-07	APPROVAL			ALTERNATE IDENTIFIER
		5	ISSUED FOR BID (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-30	BID			SURFACE LSO
		6	ISSUED FOR CONSTRUCTION (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-08	CONSTRUCTION			B-049-C-093-P-02
		7	RE-ISSUED WITH B.C. ENG. STAMP (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-16	CONSTRUCTION			DOCUMENT IDENTIFIER
Husky Oil Operations Limited WEI PINE RIVER C-85-D/93-P-12 SUNCOR ET AL HZ WOLVERINE B-049-C/093-P-02 WELLSITE DEHYDRATION FACILITY PIPING & INSTRUMENTATION DIAGRAM - PROD. WATER STORAGE TK.									PI-0007-01

CAD DRAWING: DO NOT CHANGE MANUALLY



PROFESSIONAL
ENGINEER
T. D. M. OLDHAM
32936
DEC 7/09

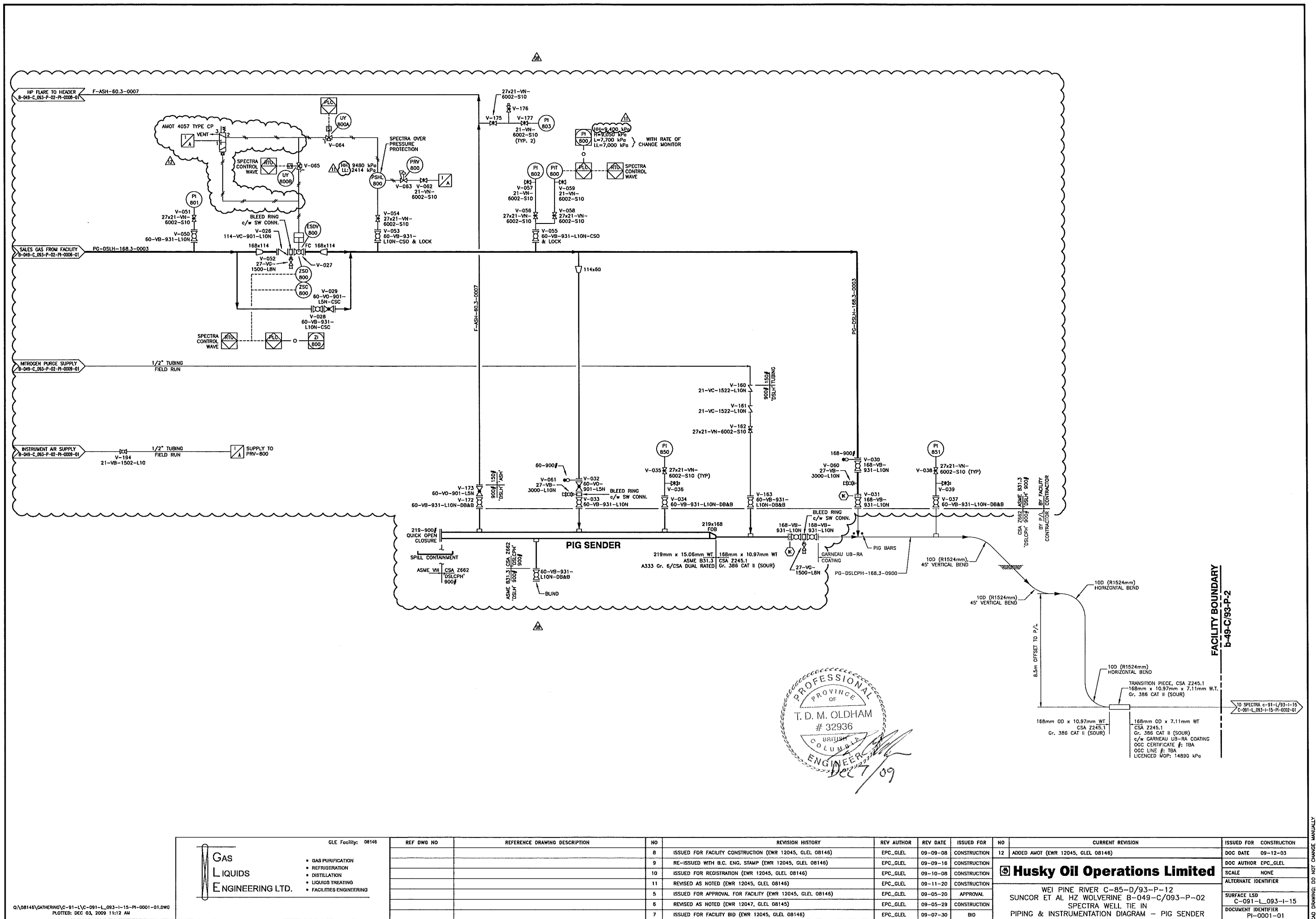
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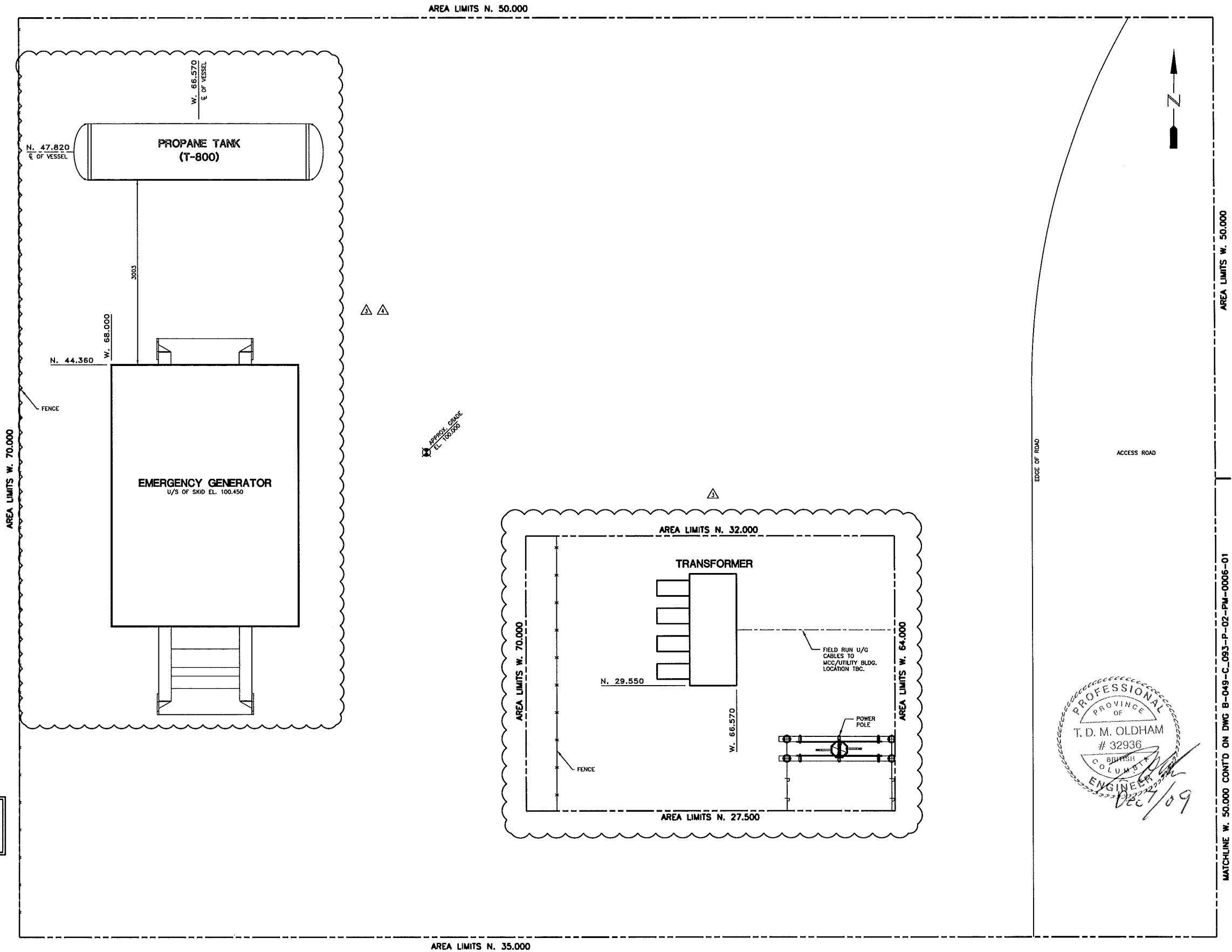
GAS LIQUIDS ENGINEERING LTD.	GLE Facility: 08146
	<ul style="list-style-type: none"> • GAS PURIFICATION • REFRIGERATION • DISTILLATION • LIQUIDS TREATING • FACILITIES ENGINEERING

REF DWG NO	REFERENCE DRAWING DESCRIPTION	NO	REVISION HISTORY	REV AUTHOR	REV DATE	ISSUED FOR
		8	ISSUED FOR REGISTRATION (EWR 12045, GLEL 08146)	EPC_GLEL	09-10-08	CONSTRUCTION
		2	ISSUED FOR HAZOP (EWR 12045, GLEL 08146)	EPC_GLEL	09-04-17	HAZOP
		3	ISSUED FOR APPROVAL FOR FACILITY (EWR 12045, GLEL 08146)	EPC_GLEL	09-05-20	APPROVAL
		4	ISSUED FOR OGC APPROVAL (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-07	APPROVAL
		5	ISSUED FOR BID (EWR 12045, GLEL 08146)	EPC_GLEL	09-07-30	BID
		6	ISSUED FOR CONSTRUCTION (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-08	CONSTRUCTION
		7	REVISED AS NOTED (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-16	CONSTRUCTION

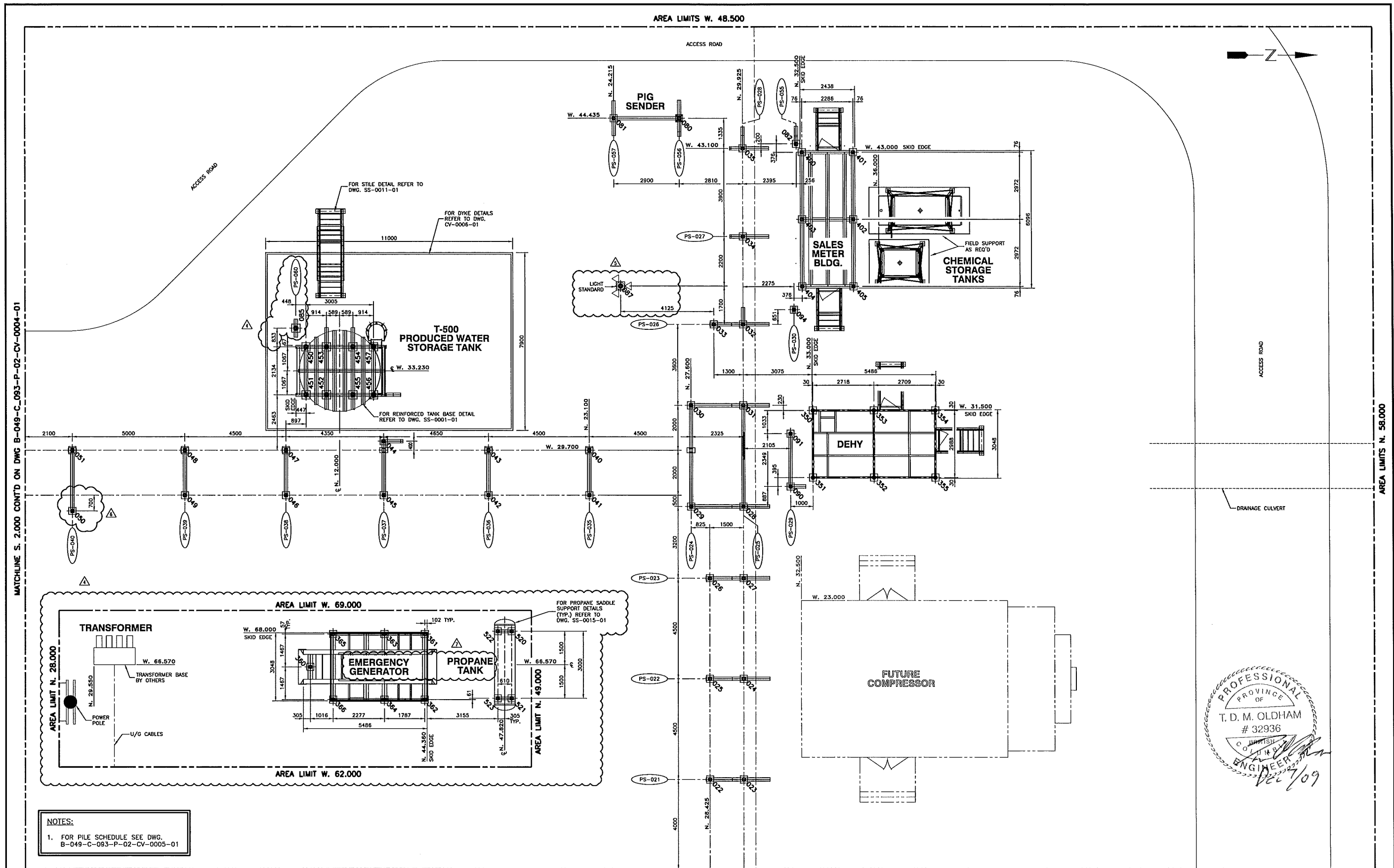
CURRENT REVISION	ISSUED FOR CONSTRUCTION
09 ADDED PRESSURE RATINGS & GENSET FOR IFC (EWR 12045, GLEL 08146)	DOC DATE 09-12-03
Husky Oil Operations Limited WEI PINE RIVER C-85-D/93-P-12 SUNCOR ET AL HZ WOLVERINE B-049-C/093-P-02 WELLSITE DEHYDRATION FACILITY PIPING & INSTRUMENTATION DIAGRAM - NITROGEN PURGE & I/A SYSTEM	DOC AUTHOR EPC_GLEL
	SCALE NONE
	ALTERNATE IDENTIFIER
	SURFACE LSO
	B-049-C-093-P-02
	DOCUMENT IDENTIFIER
	PI-0009-01

CAD DRAWING: DO NOT CHANGE MANUALLY





<div><div><div></div><div>GAS LIQUIDS ENGINEERING LTD.</div></div><div><div>• GAS PURIFICATION</div><div>• REFRIGERATION</div><div>• DISTILLATION</div><div>• LIQUIDS TREATING</div><div>• FACILITIES ENGINEERING</div></div></div>	REF DWG NO	REFERENCE DRAWING DESCRIPTION	NO	REVISION HISTORY	REV AUTHOR	REV DATE	ISSUED FOR	NO	CURRENT REVISION	ISSUED FOR CONSTRUCTION
			1	PREPARED FOR EWR 12045, GLEL 08146	EPC_GLEL	09-08-27	APPROVAL	04	ADDED GENSET & PROPANE TANK FOR IFC (EWR 12045, GLEL 08146)	DOC DATE 09-12-03
			2	ISSUED FOR CONSTRUCTION (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-08	CONSTRUCTION			DOC AUTHOR EPC_GLEL
			3	RE-ISSUED FOR CONSTRUCTION (EWR 12045, GLEL 08146)	EPC_GLEL	09-09-16	CONSTRUCTION			SCALE 1:30
			4							ALTERNATE IDENTIFIER
			5							
			6							
			7							
<div><div><div>Husky Oil Operations Limited</div><div>WEI PINE RIVER C-85-D/93-P-12 SUNCOR ET AL HZ WOLVERINE B-049-C/093-P-02 WELLSITE DEHYDRATION FACILITY PIPING PLAN - PROPANE TK & GEN SET AREA</div></div></div>										SURFACE LSO B-049-C_093-P-02 DOCUMENT IDENTIFIER PM-0012-01



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CAO DRAWING: DO NOT CHANGE MANUALLY