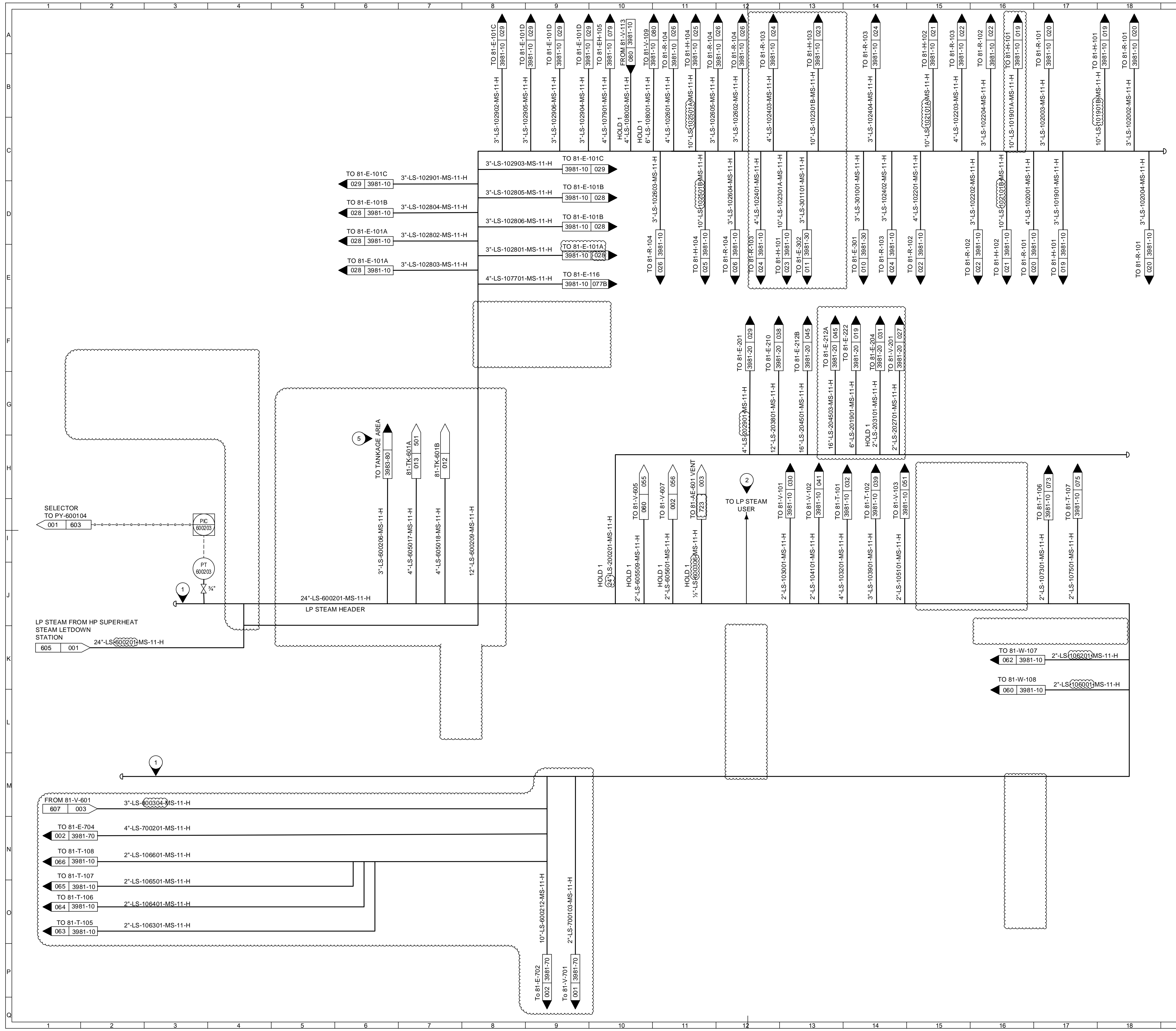
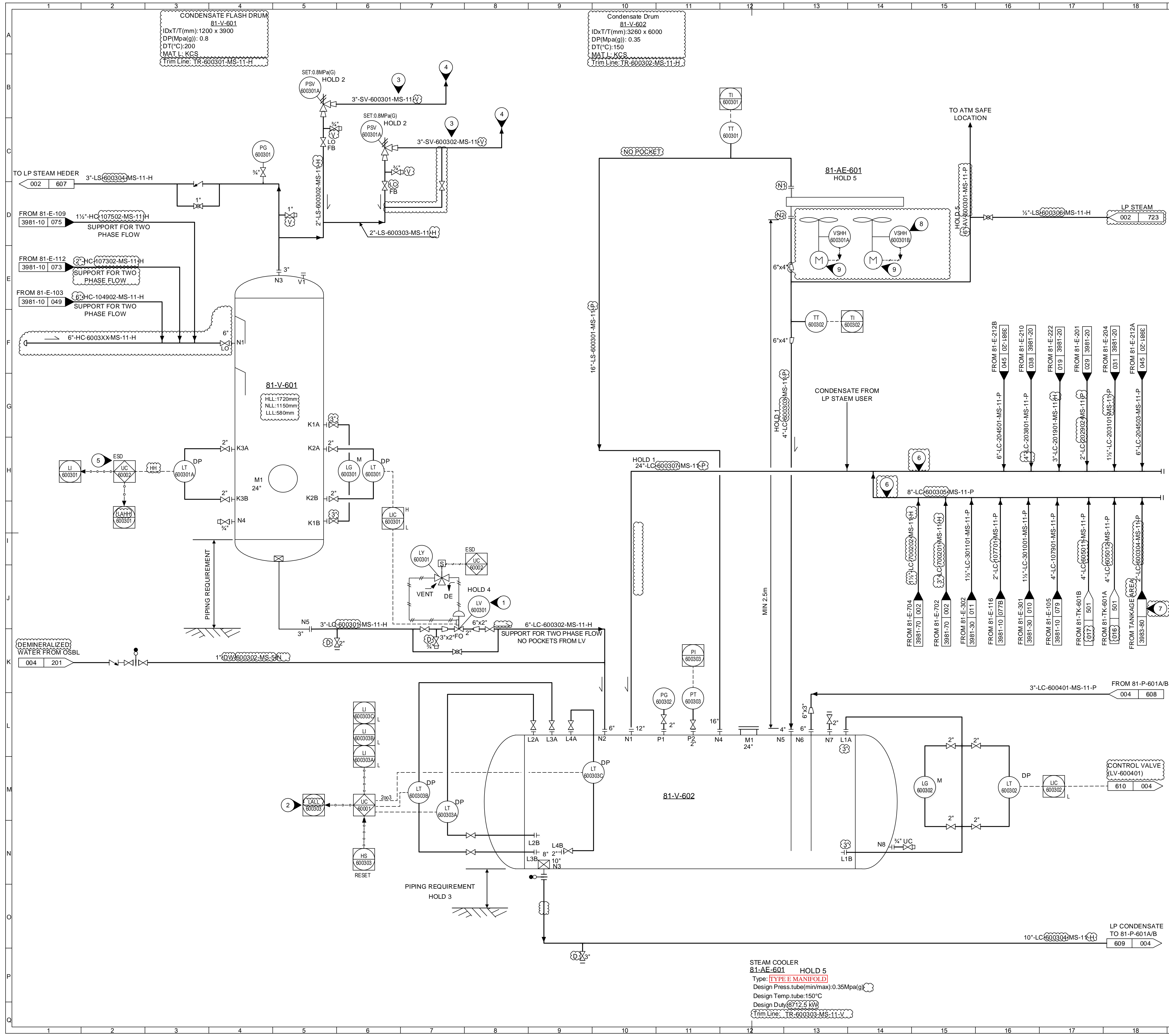


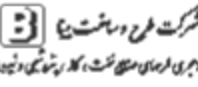
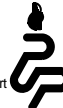


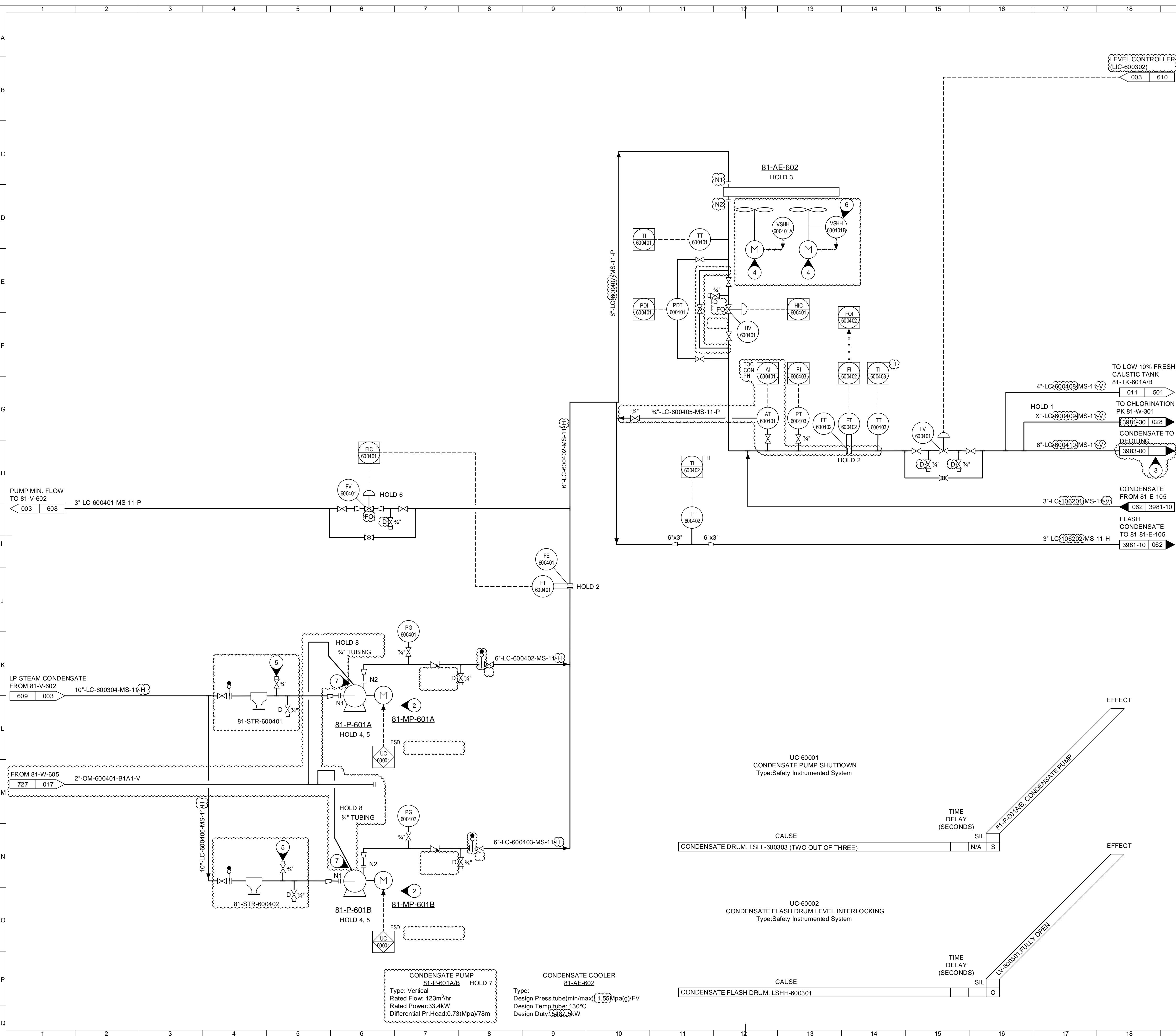
19	20	21	22	23
REFERENCE			DRAWINGS	
NOTES				
1.VENT VALVE PV-600103 AND SILENCER TO BE SIZED/PROVIDED BY THE CONTROL VALVE SUPPLIER. THE INTERCONNECTING PIPE TO BE SIZED BY THE VENT VALVE AND SILENCER SUPPLIER.				
2.REQUIREMENT OF STEM TRAPS WILL BE FINALIZED LATER				
3.DESIGN OF LETDOWN STATION INCLUDING NUMBER OF LETDOWN VALVES BY VENDOR.				
4.TO ATM AT SAFE LOCATION.				
5.PROVIDE WEEP HOLE AT LOW POINT.				
6.TO BE LOCATED AT THE CLOSE LOCATION TO THE CONVECTION SECTION OF NO.1 INTERHEATER (81-H-102) IN UNIT 10.				
7.DISTANCES WILL BE FINALIZED BY THE DESUPERHEATER VENDOR.				
8.P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.				
9.STEAM SUPPLY FROM THE PDH UNIT FOR THIS CONSUMPTION WILL BE FINALIZED LATER.				

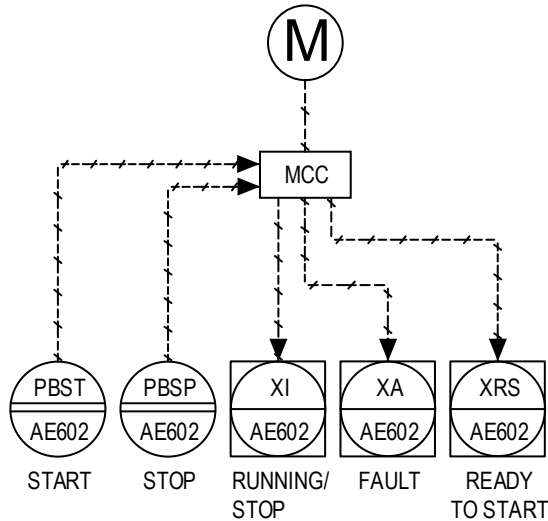


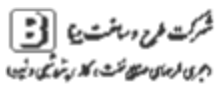



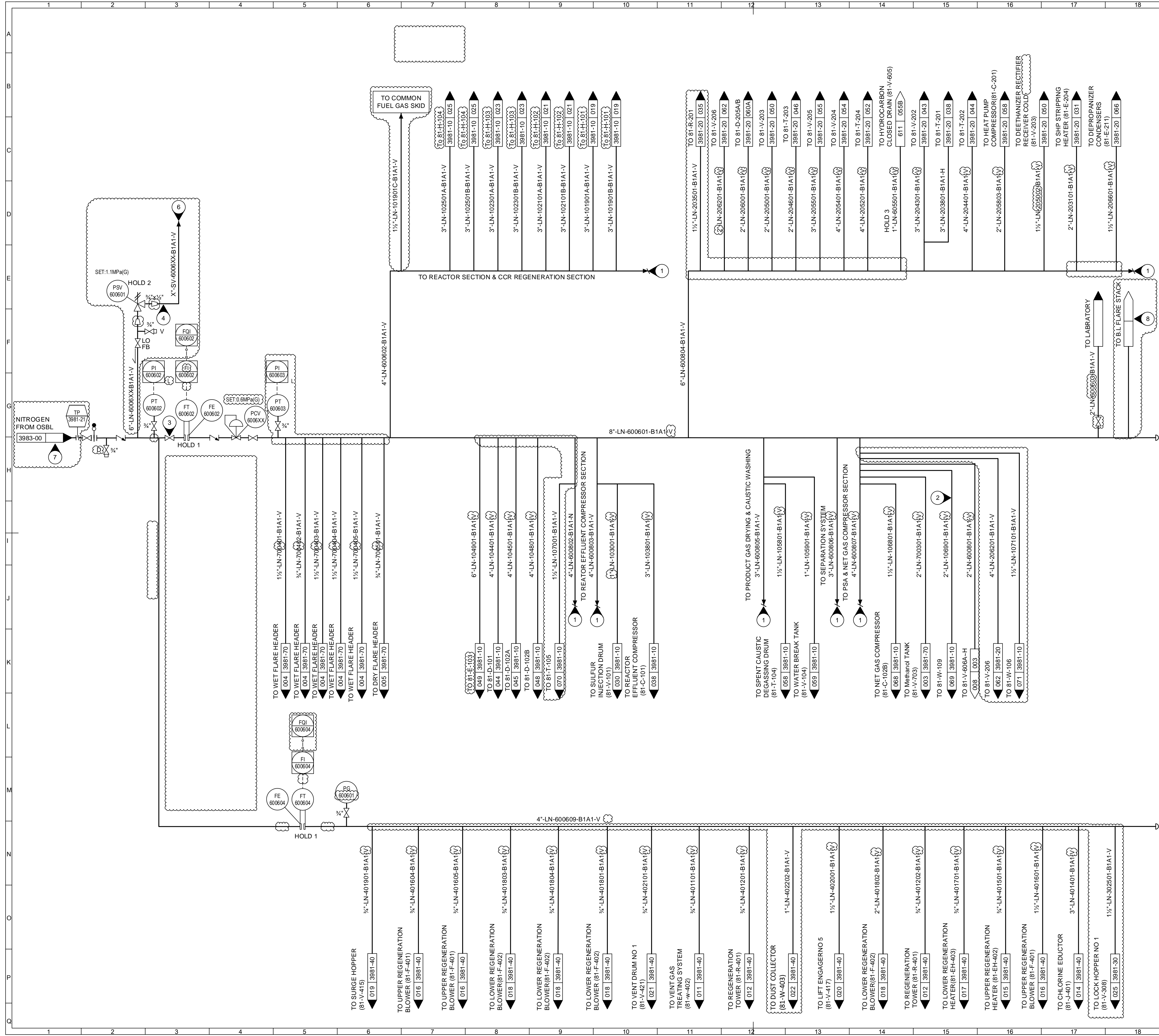
19	20	21	22	23		
REFERENCE			DRAWINGS			
NOTES						
1.REQUIREMENT OF STEM TRAPS WILL BE FINALIZED LATER.						
2.THE LP STEAM SUPPLY LINES TO INDIVIDUAL USER TO BE COMPLETED BY DETAIL ENGINEERING.						
3.DELETED						
4.DELETED						
5.P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.						
GENERAL NOTES:						
1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055						
2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER(PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.						
HOLDS						
1. LINE SIZE						
2. PSV ORIFICE SIZE, ITS INLET/OUTLET LINE SIZE AND CORRESPONDING VESSEL NOZZLE SIZE.						
01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEGDGH	M.JAMSHIDI	M.H.ESHRAHGH	
00	ISSUED FOR COMMENT	18-Aug-2025	M.KHABAZKHAN	M.JAMSHIDI	M.H.ESHRAHGH	
REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED	
OWNER:		MC:	CONTRACTOR/CONSULTANT:			
PROJECT TITLE:						
PROPANE DEHYDROGENATION (PDH) PROJECT						
DOCUMENT TITLE:						
PIPING AND INSTRUMENT DIAGRAM						
LP STEAM DISTRIBUTION						
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE	SERIAL NO.
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SCALE:	SIZE: A1	SHEET NO. 1 OF 1		REVISION 01		CLASS: 1
19	20	21	22	23		



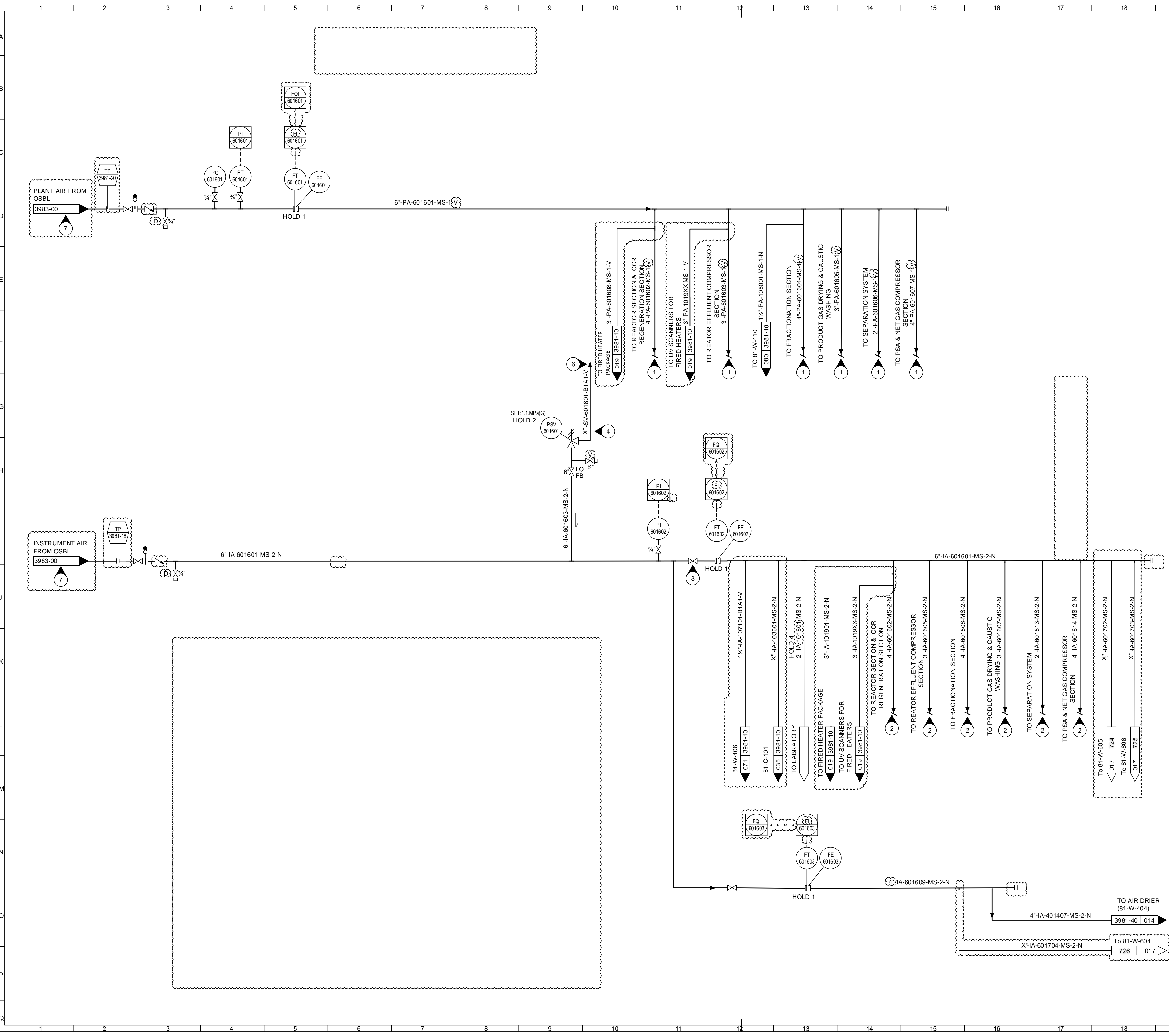
19	20	21	22	23		
REFERENCE			DRAWINGS			
NOTES						
1. LV-600301 TO BE MINIMUM DISTANCE FROM 81-V-602. 2. PUMPS 81-P-601A/B STOP ON LOW/LOW LEVEL IN 81-V-602. 3. LOCATE WEEP HOLE AT LOW POINT. 4. VENT TO ATMOSPHERE AT SAFE LOCATION. 5. HIGH HIGH LEVEL DETECTION SHALL TRIP LEVEL VALVE 81-LV-600301 OPEN FULLY. 6.MAKE CONNECTION ON TOP FOR ALL BRANCHES WHICH ARE CONNECTED TO MAIN HEADER. 7.P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA. 8.FAN MOTOR SIGNALS:						
<div><div><div><div><div></div><div>M</div></div><div></div><div>MCC</div><div></div><div><div><div><div>PBST</div><div>AE601</div></div><div>PBSP</div><div>AE601</div></div><div><div><div>XI</div><div>AE601</div></div><div>XA</div><div>AE601</div></div><div><div><div>XRS</div><div>AE601</div></div></div></div><div><div>START</div><div>STOP</div><div>RUNNING/ STOP</div><div>FAULT</div><div>READY TO START</div></div></div></div></div>						
9.ALL AIR COOLER FANS HAVE VSHH						
GENERAL NOTES:						
1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055 2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER(PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.						
HOLDS						
1. LINE SIZE. 2. PSV ORIFICE SIZE, ITS INLET/OUTLET LINE SIZE AND CORRESPONDING VESSEL NOZZLE SIZE. 3. ELEVATION 4. CONTROL VALVE, ITS ISOLATION, BY PASS VALVE SIZE AND NUMBER OF EXPANDER/ REDUCER. 5. NUMBER OF BAYS, FANS, SIZE OF NOZZLES AND DETAIL OF VENT AND DRAIN.						
01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEGDH	MJAMSHIDI	M.H.ESHRAHGH	
00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEGDH	MJAMSHIDI	M.H.ESHRAHGH	
REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED	
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PROJECT TITLE:						
PROPANE DEHYDROGENATION (PDH) PROJECT						
DOCUMENT TITLE:						
PIPING AND INSTRUMENT DIAGRAM						
CONDENSATE FLASH DRUM AND CONDENSATE DRUM						
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE	SERIAL NO.
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SCALE:	SIZE: A1	SHEET NO. 1 OF 1			REVISION 01	CLASS: 1
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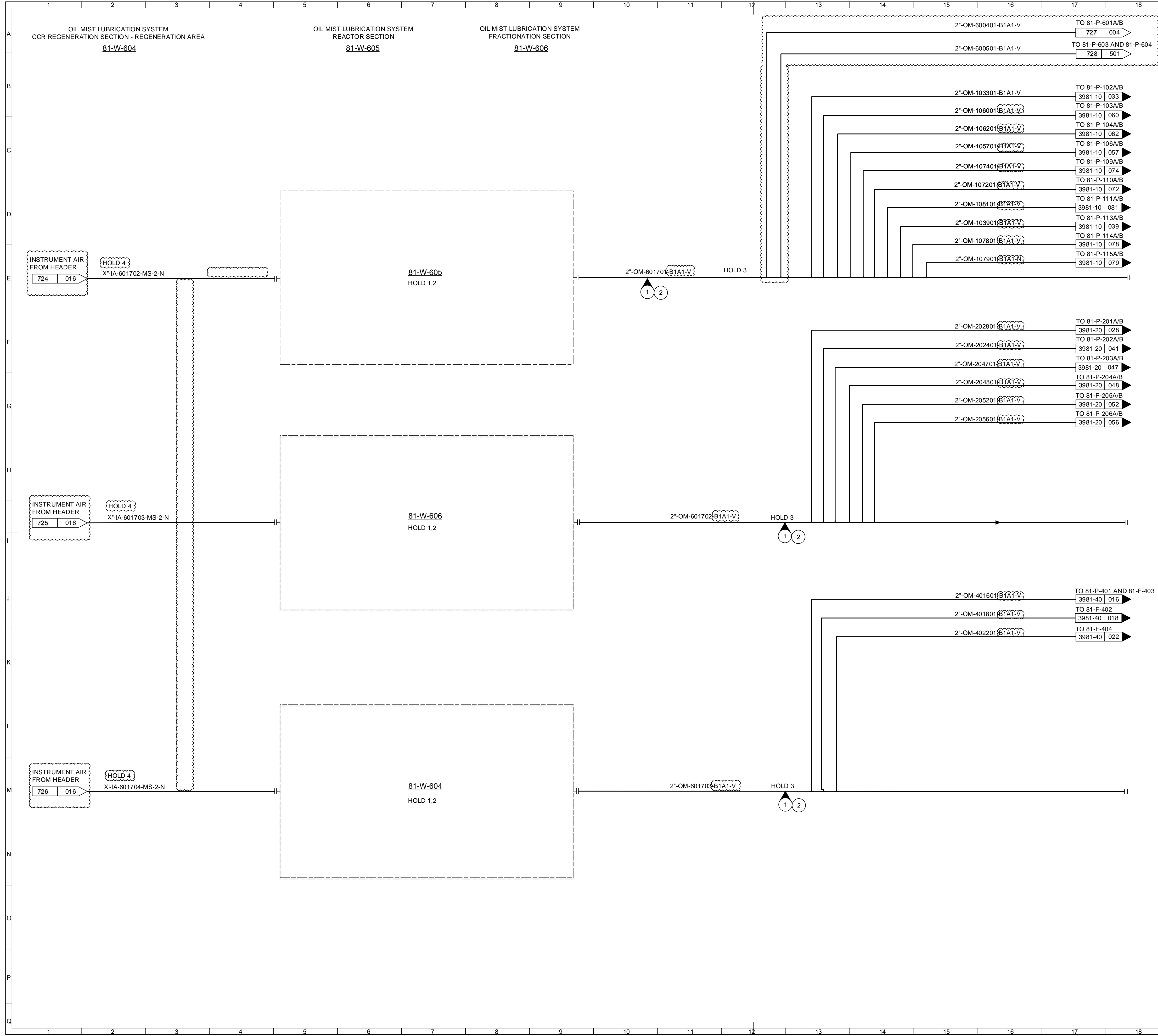
19	20	21	22	23		
REFERENCE			DRAWINGS			
NOTES						
1. PUMPS 81-P-601A/B STOP ON LOW LOW LEVEL IN 81-V-602.						
2. DETAIL "PUMP F", SEE DWG 3981-00-DE-PR-PID-055.						
3. P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.						
4. FAN MOTOR SIGNALS:						
<div></div>						
5. PRESSURE GAUGE CONNECTION.						
6.ALL AIR COOLER FANS HAVE VSHH.						
7. OIL DRAIN OF MIST OIL LUBRICATION SYSTEM IS COLLECTED ON A CONTAINER.						
GENERAL NOTES:						
1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-053						
2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER (PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.						
HOLDS						
1. LINE SIZE.						
2. FLOWMETER CONNECTION SIZE						
3. NUMBER OF BAYS, FANS, SIZE OF NOZZLES AND DETAIL OF VENT AND DRAIN.						
4. PUMP SUCTION/DISCHARGE NOZZLE SIZE.						
5. DETAIL OF PUMP VENT AND DRAIN.						
6. CONTROL VALVE, ITS ISOLATION BY PASS VALVE SIZE AND NUMBER OF EXPANDER/REDUCER						
7. PUMP SPECIFICATION.						
8. SIZE AND ARRANGEMENT OF OIL MIST DROP POINT IN PUMP LUBRICATION SYSTEM INCLUDING RECLASSIFIER, OIL DRAIN CONTAINER AND OTHER REQUIREMENT.						
01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEDDGH	M.JAMSHIDI	M.H.ESHRAQHI	
00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEDDGH	M.JAMSHIDI	M.H.ESHRAQHI	
REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED	
OWNER:		MC:	CONTRACTOR/CONSULTANT:			
			 			
PROJECT TITLE:						
PROPANE DEHYDROGENATION (PDH) PROJECT						
DOCUMENT TITLE:						
PIPING AND INSTRUMENT DIAGRAM						
CONDENSATE PUMP						
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE	SERIAL NO.
	3981	60	DE	PR	PID	004
SCALE:	SIZE: A1	SHEET NO. 1 OF 1		REVISION 01		CLASS: 1
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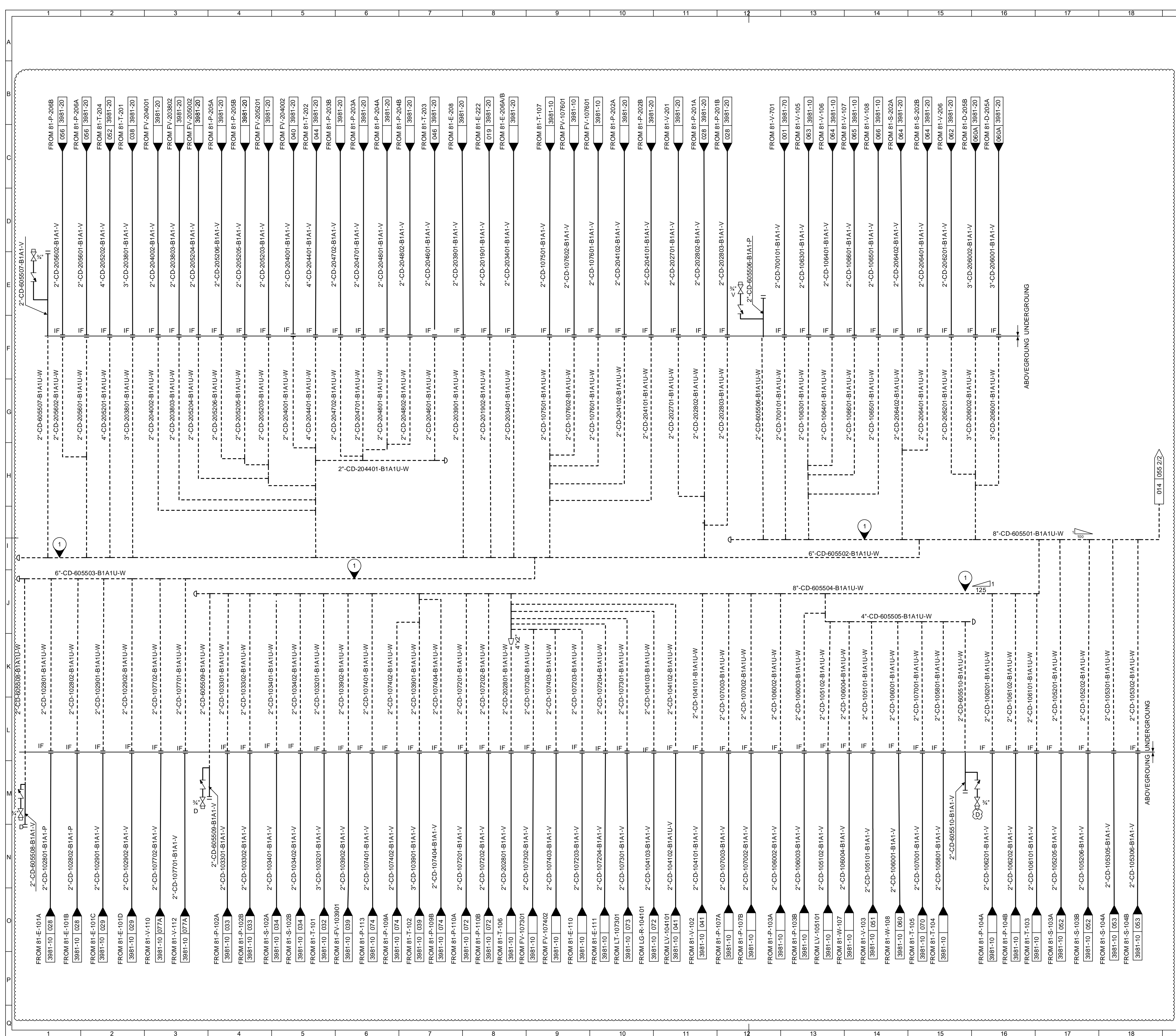
REFERENCE	DRAWINGS
NOTES	
1. THE LN SUPPLY LINES TO OTHER INDIVIDUAL USERS TO BE COMPLETED BY DETAIL ENGINEERING.	
2. LINE SIZE WILL BE FINALIZED AFTER RECEIVING PACKAGE VENDOR DATA.	
3. ACCESSIBLE.	
4. LOCATE WEEP HOLE AT LOW POINT.	
5. DELETED.	
6. VENT TO ATMOSPHERE AT SAFE LOCATION.	
7. P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.	
8. NITROGEN SUPPLY FROM THE PDH UNIT FOR THIS CONSUMPTION WILL BE FINALIZED LATER.	



19	20	21	22	23
REFERENCE			DRAWINGS	
NOTES				
1. THE PA SUPPLY LINES TO OTHER INDIVIDUAL USERS TO BE COMPLETED BY DETAIL ENGINEERING.				
2. THE IA SUPPLY LINES TO OTHER INDIVIDUAL USERS TO BE COMPLETED BY DETAIL ENGINEERING.				
3. ACCESSIBLE.				
4. LOCATE WEEP HOLE AT LOW POINT.				
5. DELETED				
6. VENT TO ATMOSPHERE AT SAFE LOCATION.				
7. P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.				

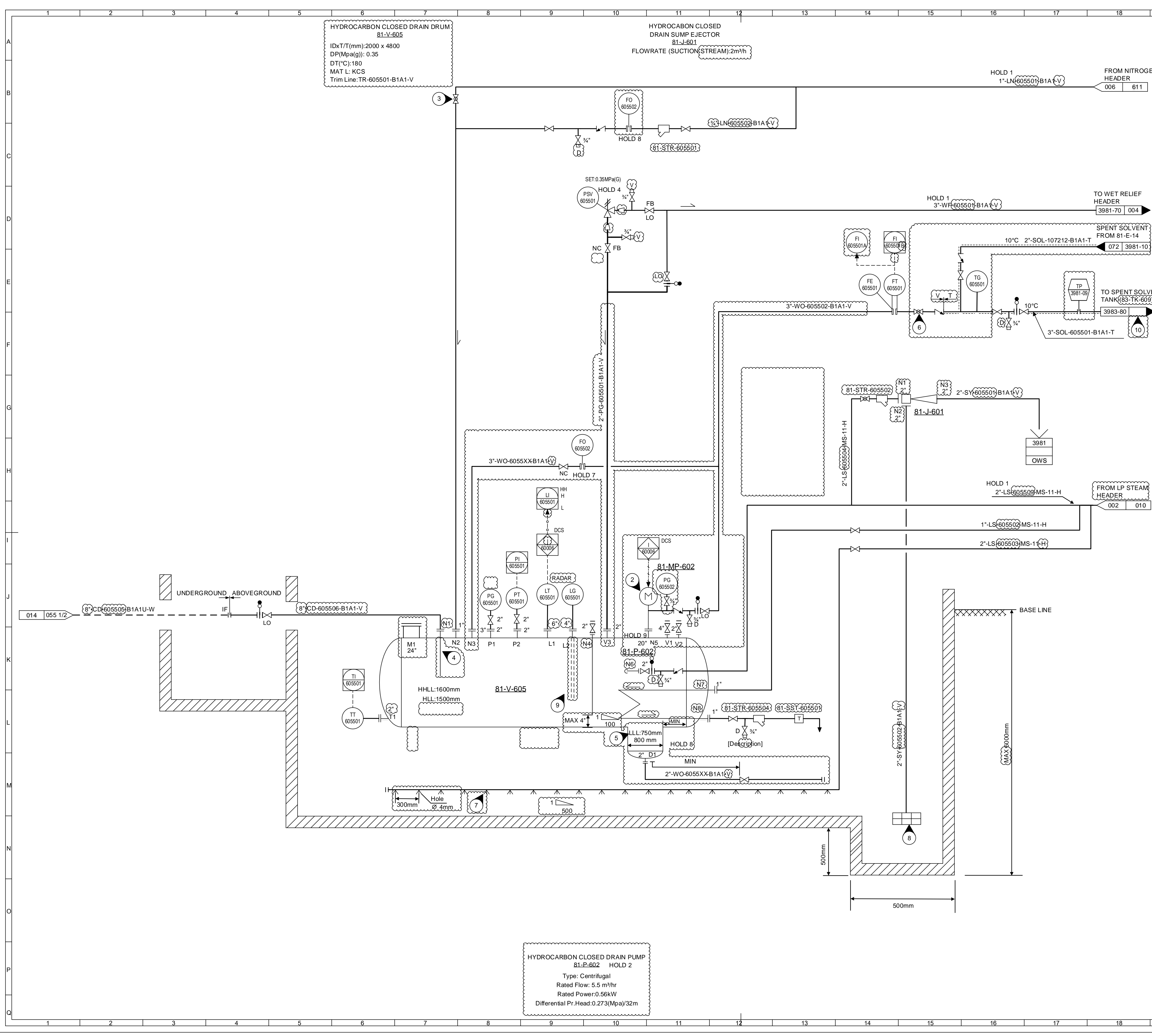


REFERENCE			DRAWINGS		
NOTES					
1. EACH EQUIPMENT TRAIN SHALL HAVE A COMMON OIL COLLECTION CONTAINER WITH DRAIN VALVE, NO. OF THE CONTAINS WILL BE SPECIFIED BY PACKAGE VENDOR.					
2. ARRANGEMENT OF OIL MIST DISTRIBUTION WILL BE FINALIZED LATER..					



19	20	21	22	23
REFERENCE			DRAWINGS	
NOTES				
1. ALL DRAIN LINES ARE CONNECTED TO THE HEADER WITH A 45-DEGREE SLOPE				

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REFERENCE

DRAWINGS

NOTES

1. DELETED

2. DETAIL "PUMP/E" SEE DWG 3981-00-DE-PR-PID-055.

3. PG-605501 TO BE READABLE FROM VALVE.

4. VENT HOLE 10 mm

5. WILL BE FINILIZED BY VENDOR

6. FI-605501A TO BE READABLE FROM VALVE

7. SEE DETAIL A:

8. SCREEN

9. STILLING WELL

10. P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.

GENERAL NOTES:

1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055

2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER (PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.

HOLDS

1. LINE SIZE.

2. PUMP SPECIFICATION.

3. TYPE OF HEAT EXCHANGER, ITS NOZZLE DETAIL AND SIZE OF HX INLET/OUTLET NOZZLES.

4. FLOWMETER CONNECTION SIZE.

5. PSV ORIFICE SIZE, ITS INLET/OUTLET LINE SIZE AND CORRESPONDING VESSEL NOZZLE SIZE.

6. PUMP SUCTION/DISCHARGE NOZZLE SIZE

7. DETAIL OF PUMP VENT AND DRAIN.

7. (FO) SIZE IS HOLD.

8. ROOT SIZE WILL BE FINILIZED AFER RECEIVING PUMP VENDOR DATA.

9. NOZZLE SIZE

01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAGHI
00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAGHI
REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED
OWNER:	MC:	CONTRACTOR/CONSULTANT:			

PROJECT TITLE:

PROPANE DEHYDROGENATION (PDH) PROJECT

DOCUMENT TITLE:

PIPING AND INSTRUMENT DIAGRAM
HYDROCARBON CLOSED DRAIN DRUM

DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE	SERIAL NO.
	3981	60	DE	PR	PID	055

SCALE:

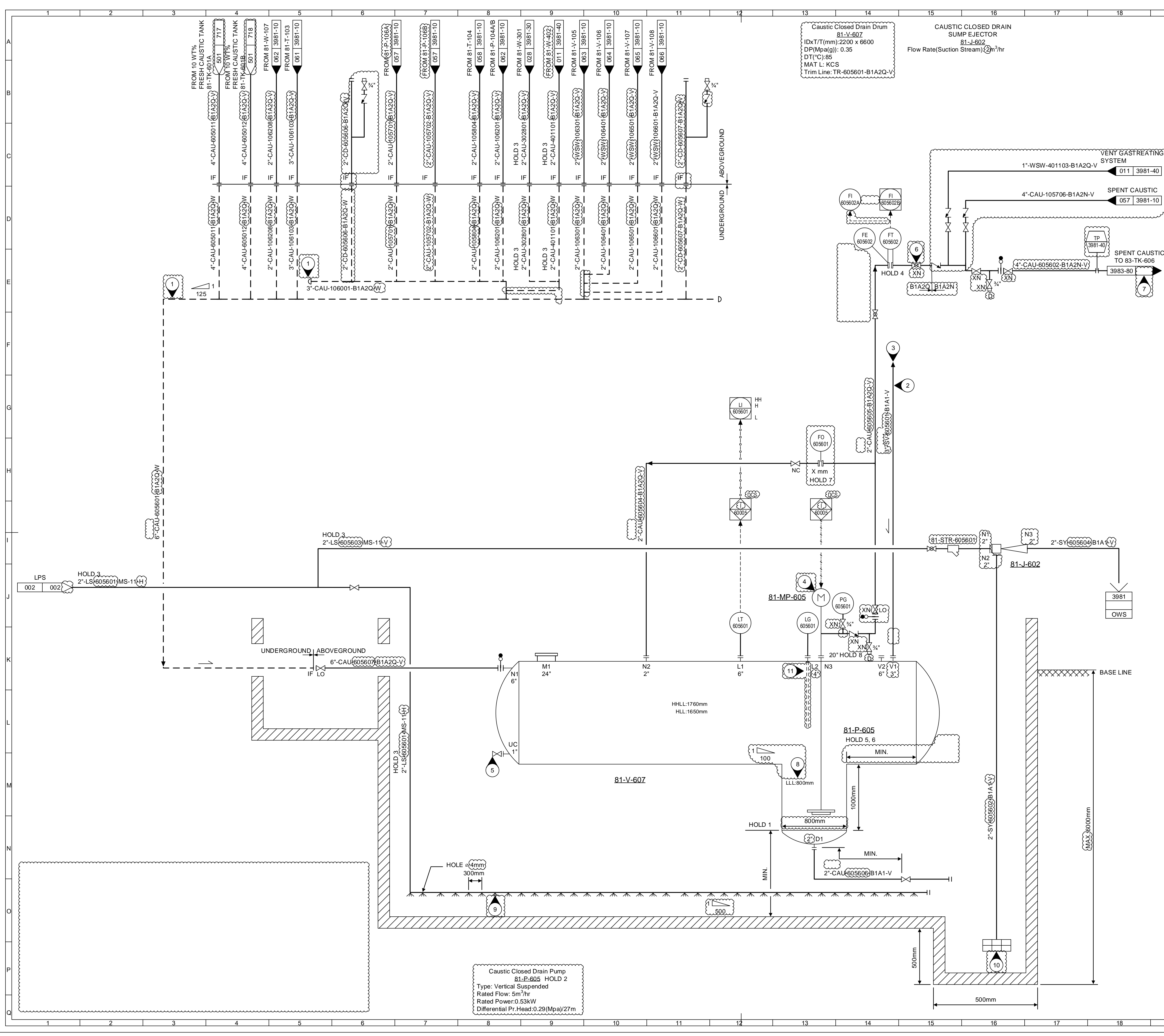
SIZE: A1

SHEET NO. 2 OF 2

REVISION 01

CLASS: 1

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REFERENCE

DRAWINGS

NOTES

1. ALL DRAIN LINES ARE CONNECTED TO THE HEADER WITH A 45-DEGREE SLOPE.

2. DO NOT POCKET.

3. VENT TO ATMOSPHERE AT SAFE LOCATION.

4. DETAIL (PUMP E) SEE DWG 3981-00-DE-PR-PID-055.

5. NITROGEN CONNECTION.

6. FI-605602A TO BE READABLE FROM VALVE

7. P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.

8. WILL BE FINALIZED BY VENDOR.

9. SEE DETAIL A:

10. SCREEN.

11. STILLING WELL.

GENERAL NOTES:

1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055.

2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER (PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PIDS.

HOLDS

1. BOOT SIZE WILL BE FINALIZED AFTER RECEIVING PUMP VENDOR DATA.

2. PUMP SPECIFICATION.

3. LINE SIZE.

4. FLOWMETER CONNECTION SIZE.

5. PUMP SUCTION/DISCHARGE NOZZLE SIZE.

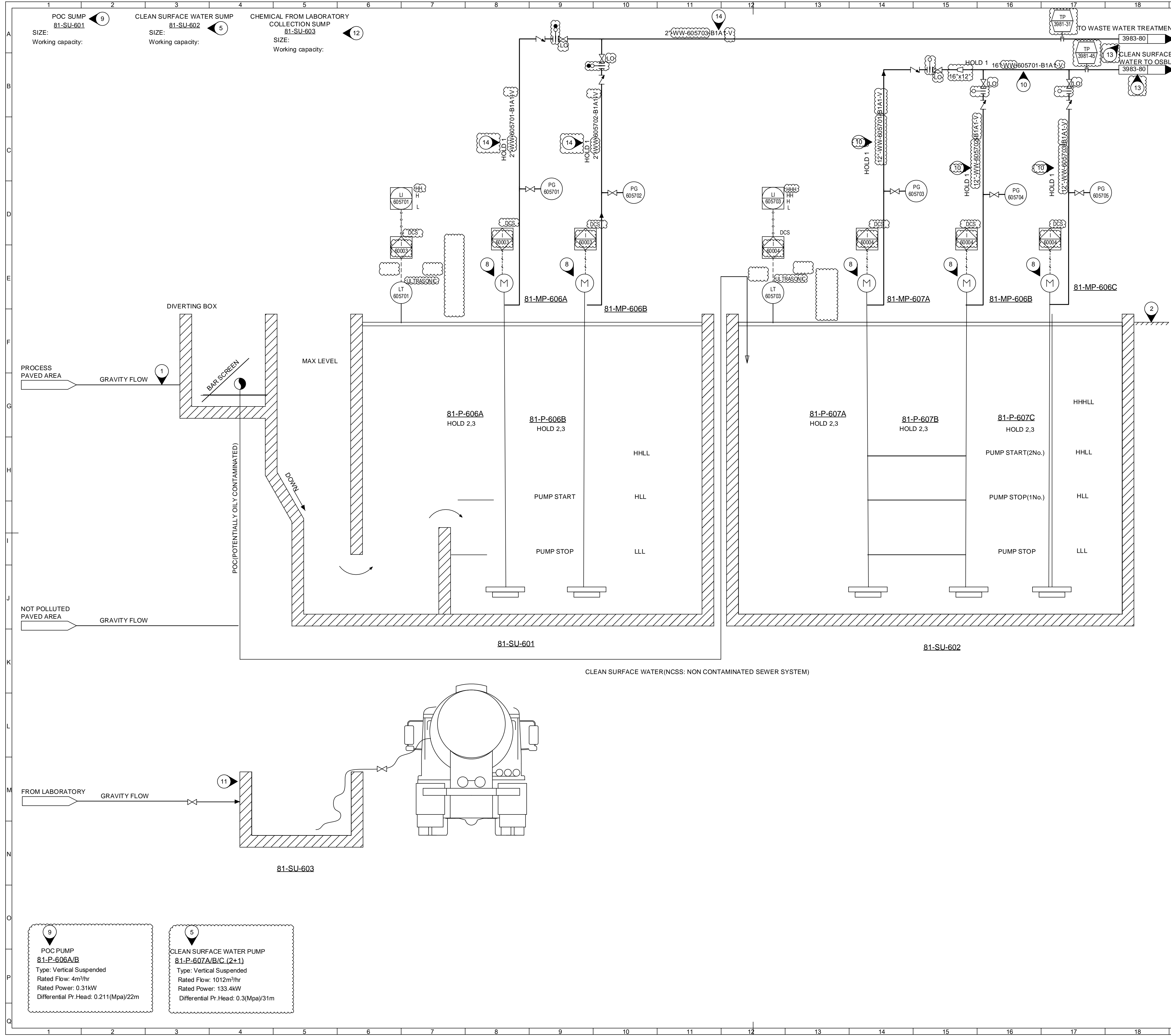
6. DETAIL OF PUMP VENT AND DRAIN



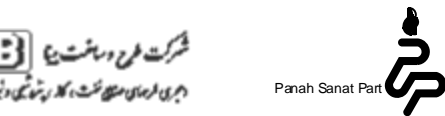
7. FQ SIZE IS HOLD.

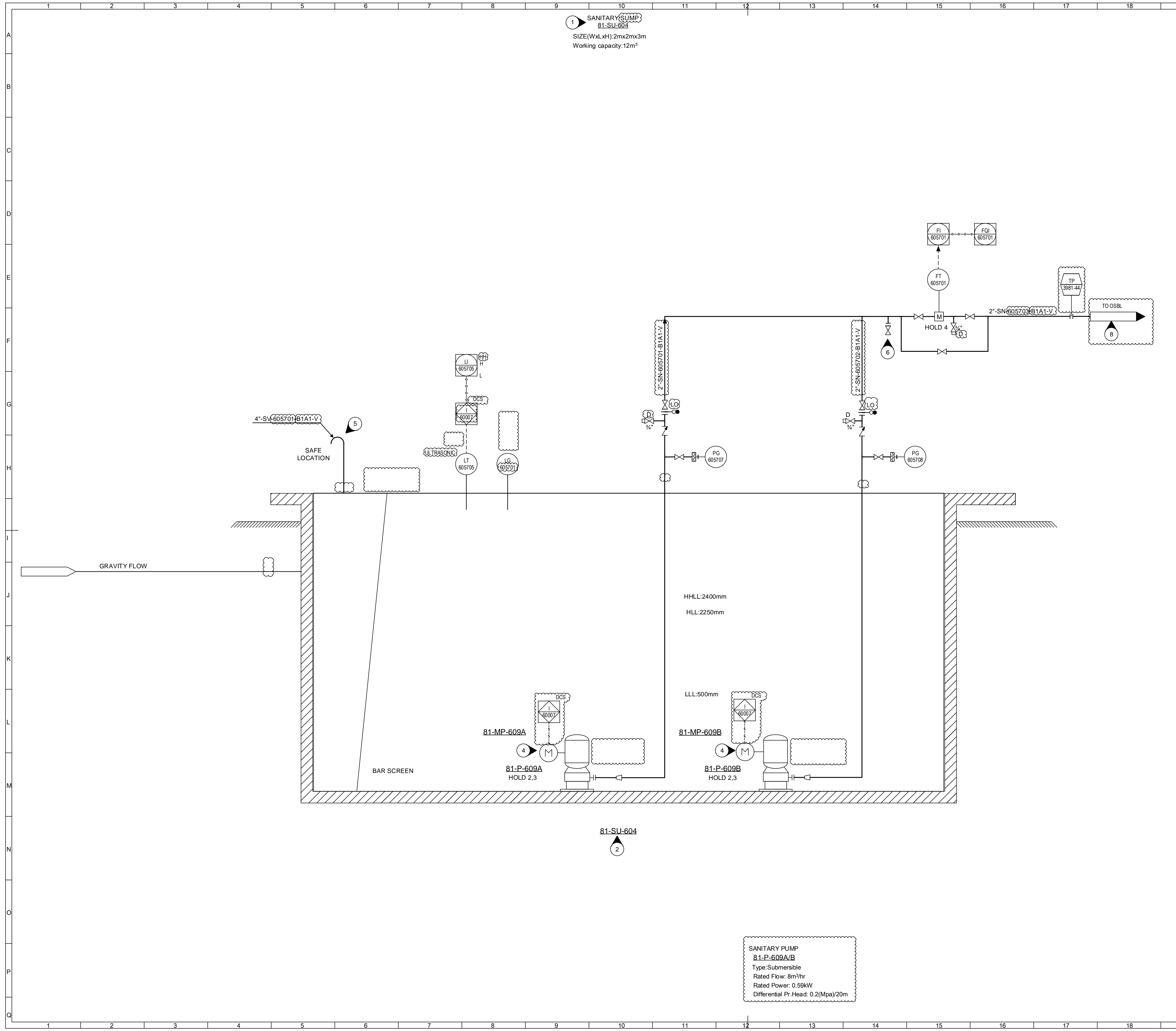
8. NOZZLE SIZE IS HOLD



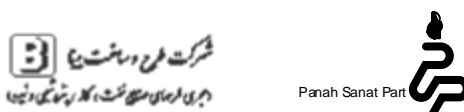
01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAGHI
00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAGHI
REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED
OWNER:		MC:		CONTRACTOR/CONSULTANT:	
PROJECT TITLE:					
PROPANE DEHYDROGENATION (PDH) PROJECT					
DOCUMENT TITLE:					
PIPING AND INSTRUMENT DIAGRAM					
CAUSTIC CLOSED DRAIN DRUM					
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE
	3981	60	DE	PR	PID
SCALE:	SIZE: A1	SHEET NO.	1 OF 1	REVISION 01	CLASS: 1

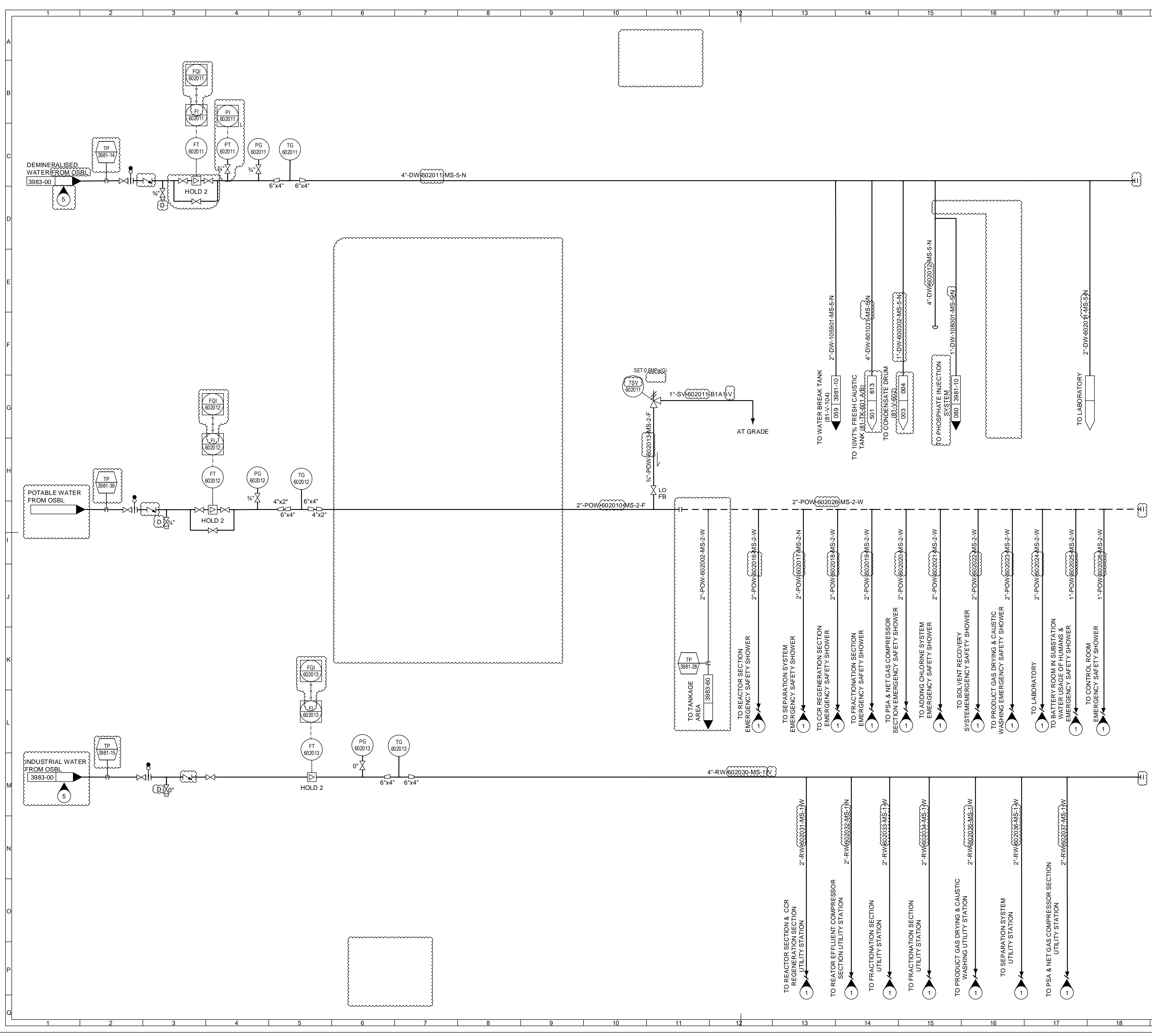
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19	20	21	22	23		
REFERENCE			DRAWINGS			
NOTES						
1. UNDERGROUND PIPE BY GRAVITY STORM WATER, FIRE FIGHTING AND WASHING WATER FROM CONTAMINATED PROCESS AREAS (POC).						
2. HANDRAILS SHALL BE PROVIDED AROUND BASIN FOR SAFETY REASON.						
3. REMOVAL OF SOLID PARTICLES ENTRAINED (IF ANY) WITH RAIN WATER FROM PAVED AREAS WILL BE DONE MANUALLY BY OPERATOR BY MEANS OF LONG HANDLED NETS.						
4. THE POC BASIN NET VOLUME(BNV) IS SIZED TO CONTAIN INITIAL RUN OFF VOLUME (-m³) ON THE TOTAL POLLUTED PAVED AREA FOR 10 MINUTES.						
5. SUMP DIMENSION WILL BE SPECIFIED BY CIVIL DEPARTMENT.						
6. DELETED						
7. DELETED						
8. DETAIL "PUMP B", SEE DWG 3981-00-DE-PR-PID-055						
9. WILL BE FINALIZED AFTER RECEIVING DATA FROM CIVIL.						
10. CLEAN SURFACE WATER						
11. BASIN CONTAMINATION MIGHT BE CORROSIVE DUE TO ACIDIC MATERIAL. PROPER LINING SHOULD BE CONSIDERED BY CIVIL DEPARTMENT						
12. WILL BE SPECIFIED AND FINALIZED LATER.						
13. P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.						
14. POC(POTENTIALLY OIL CONTAMINATED)						
GENERAL NOTES:						
1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055						
2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER (PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.						
HOLDS						
1. LINE SIZE.						
2. PUMP SUCTION/DISCHARGE NOZZLE SIZE.						
3. DETAIL OF PUMP VENT AND DRAIN.						
01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEDGH	MJAMSHIDI	M.H.ESHRAGHI	
00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEDGH	MJAMSHIDI	M.H.ESHRAGHI	
REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED	
OWNER:		MC:	CONTRACTOR/CONSULTANT:			
						
PROJECT TITLE:						
PROPANE DEHYDROGENATION (PDH) PROJECT						
DOCUMENT TITLE:						
PIPING AND INSTRUMENT DIAGRAM						
WASTE WATER COLLECTION SYSTEM						
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE	SERIAL NO.
	3981	60	DE	PR	PID	057
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19	20	21	22	23		

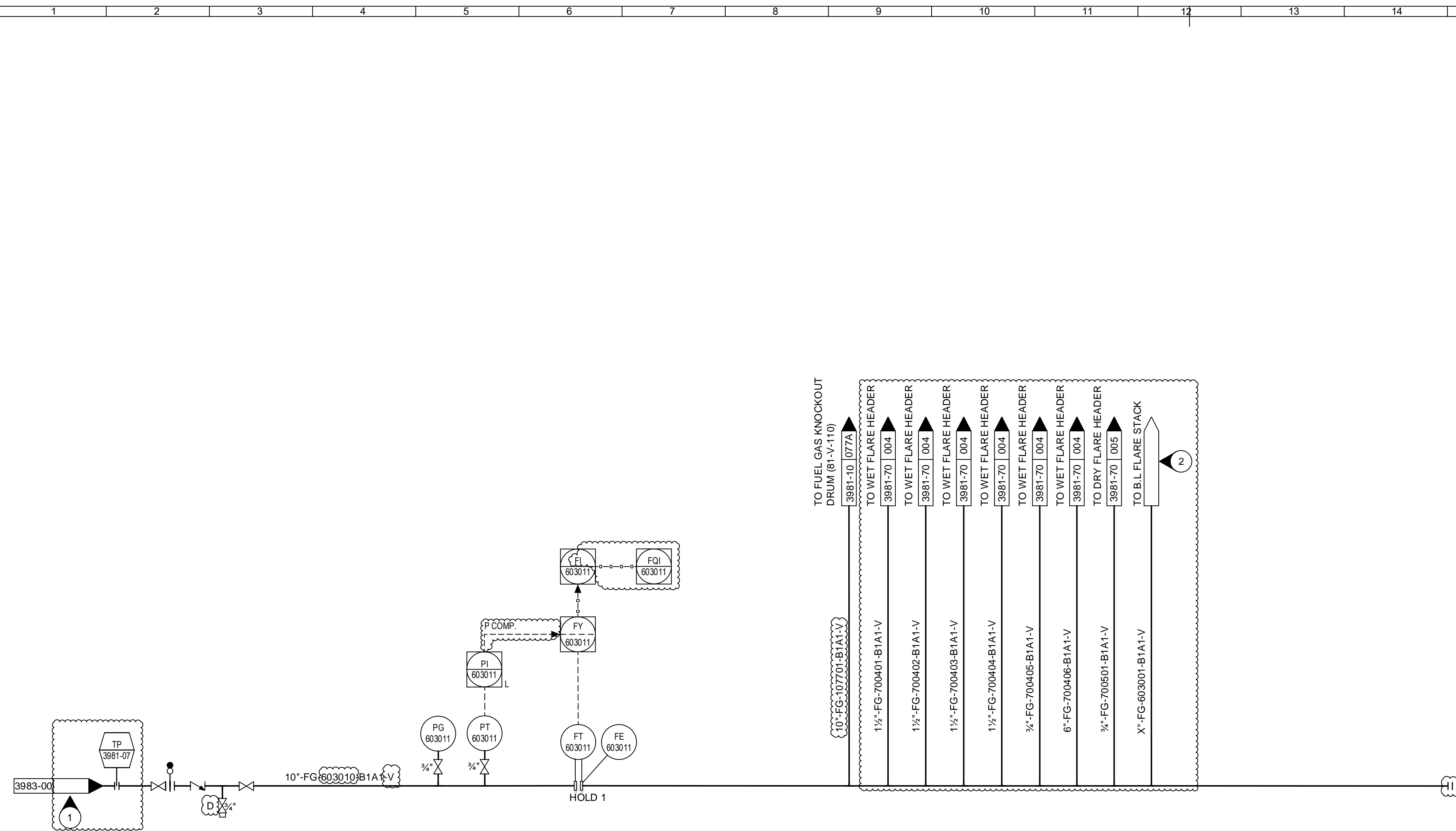


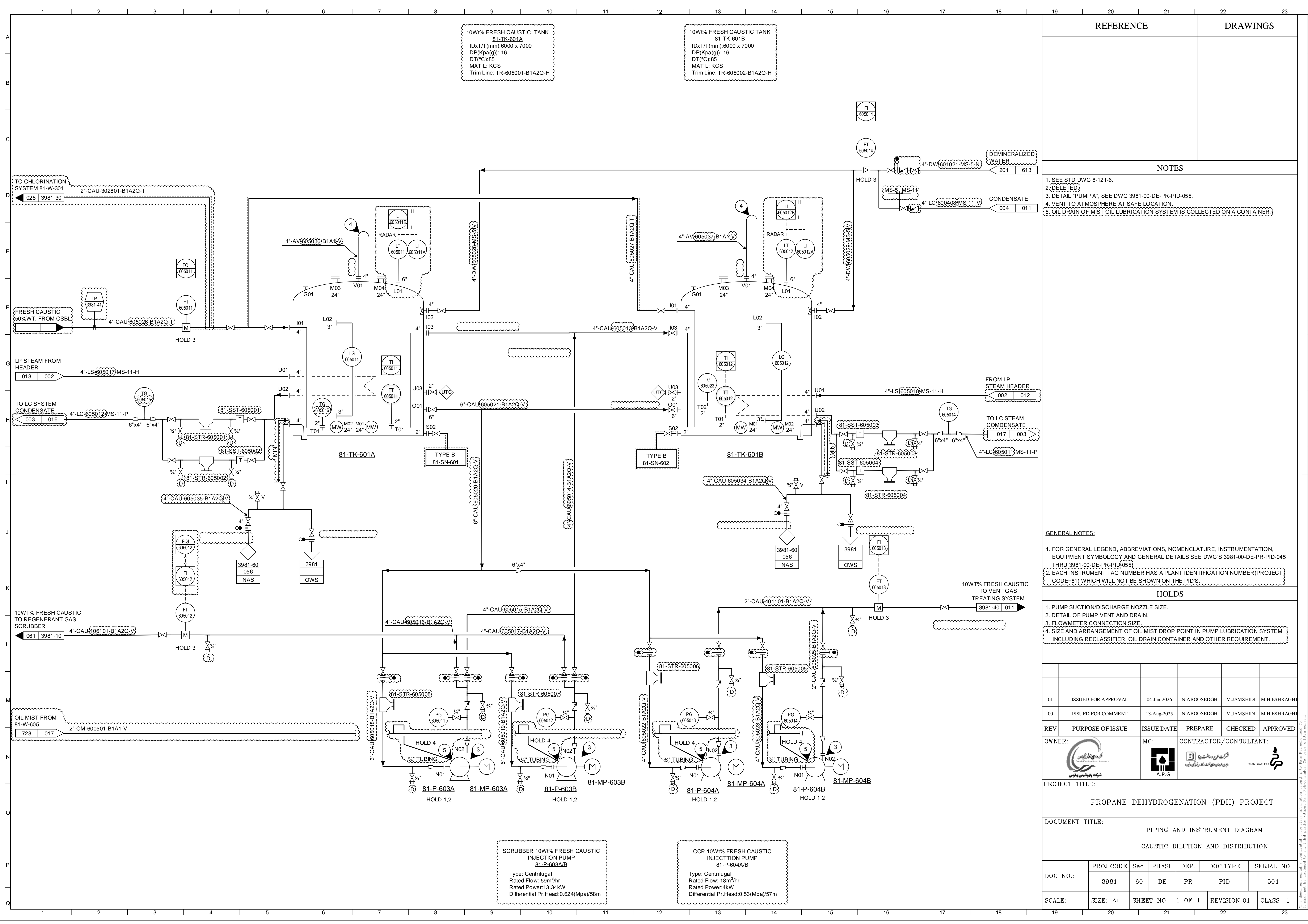
19	20	21	22	23		
REFERENCE			DRAWINGS			
NOTES						
1. SUMP DEPTH WILL BE SPECIFIED BY CIVIL DEPARTMENT.						
2. SUMP SHALL HAVE A BAR SCREEN IN THE INLET. ARRANGEMENT SHALL BE PROVIDED FOR LIFTING THE SCREENINGS(MANUAL CLEANING) FROM TOP.						
3. DELETED						
4. DETAIL (PUMP E) SEE DWG 3981-00-DE-PR-PID-055.						
5. VENT TO ATMOSPHERE AT SAFE LOCATION.						
6. CONNECTION TO POTENTIAL TRUCK LOADING						
7. DELETED						
8. P&ID SHEET NUMBER WILL BE SPECIFIED LATER						
GENERAL NOTES:						
1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055						
2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER(PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.						
HOLDS						
1.DELETED						
2.PUMP SUCTION/DISCHARGE NOZZLE SIZE.						
3.DETAIL OF PUMP VENT AND DRAIN						
4.FLOW METER CONNECTION SIZE						
01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEDGH	MJAMSHIDI	M.H.ESHRAGHI	
00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEDGH	MJAMSHIDI	M.H.ESHRAGHI	
REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED	
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PROPANE DEHYDROGENATION (PDH) PROJECT						
DOCUMENT TITLE:						
PIPING AND INSTRUMENT DIAGRAM						
WASTE WATER COLLECTION SYSTEM						
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE	SERIAL NO.
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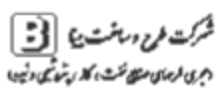



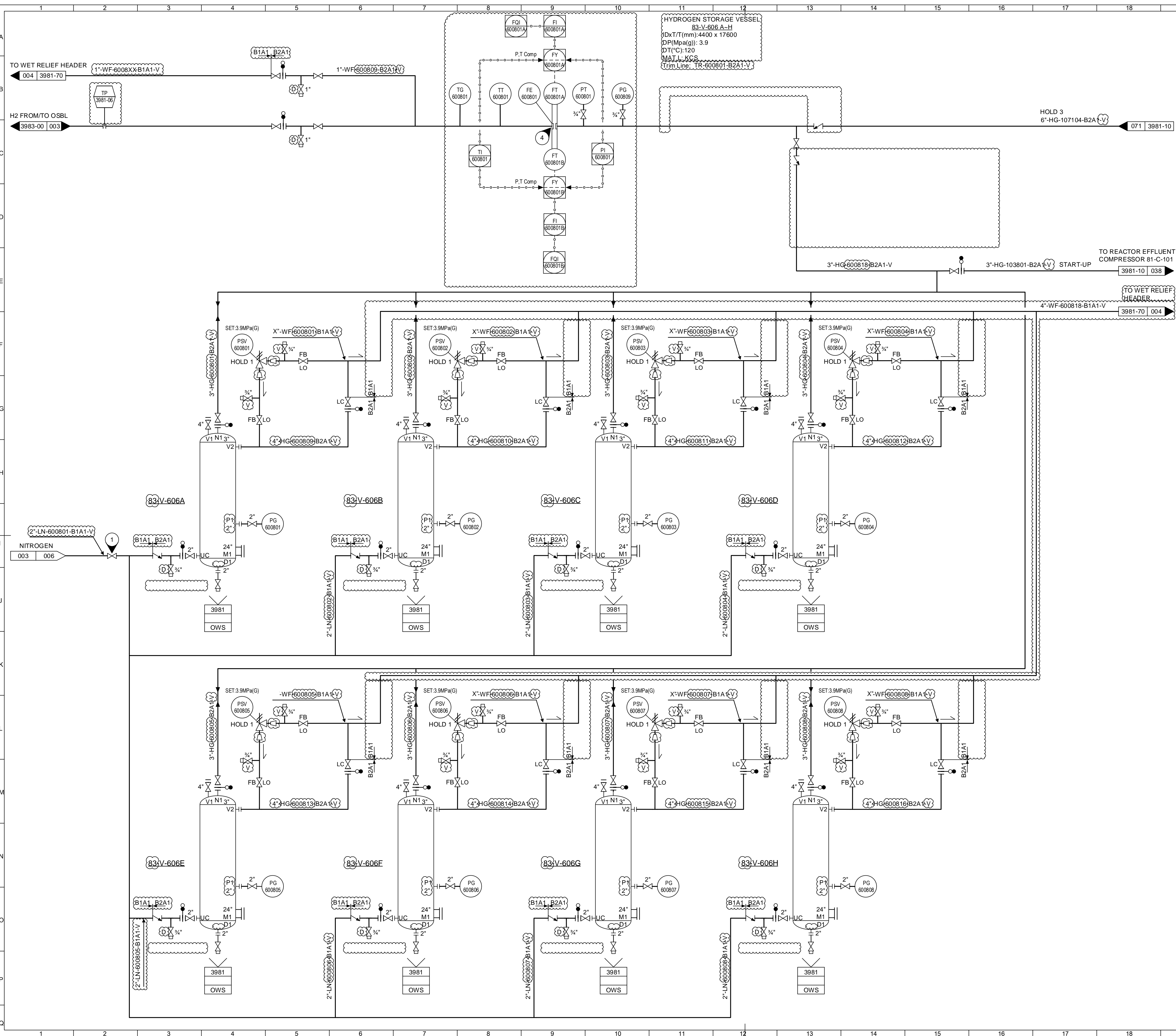
REFERENCE		DRAWINGS																			
NOTES 1. THE PW SUPPLY LINES TO OTHER INDIVIDUAL USERS TO BE COMPLETED BY DETAIL ENGINEERING. 2. THE RW SUPPLY LINES TO OTHER INDIVIDUAL USERS TO BE COMPLETED BY DETAIL ENGINEERING. 3. DELETED 4. DELETED 5. P&ID SHEET NUMBER WILL BE SPECIFIED AFTER DETAIL DESIGN OF TANKAGE AND OFFSITE AREA.																					
GENERAL NOTES: 1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055 2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER (PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.																					
HOLDS 1. DELETED 2. FLOWMETER CONNECTION SIZE 3. DELETED 4. DELETED 5. DELETED 6. DELETED																					
<table border="1"><thead><tr><th>REV</th><th>PURPOSE OF ISSUE</th><th>ISSUE DATE</th><th>PREPARE</th><th>CHECKED</th><th>APPROVED</th></tr></thead><tbody><tr><td>01</td><td>ISSUED FOR APPROVAL</td><td>04-Jan-2026</td><td>N.ABOOSEDGH</td><td>M.JAMSHIDI</td><td>M.H.ESHRAHGH</td></tr><tr><td>00</td><td>ISSUED FOR COMMENT</td><td>13-Aug-2025</td><td>N.ABOOSEDGH</td><td>M.JAMSHIDI</td><td>M.H.ESHRAHGH</td></tr></tbody></table>				REV	PURPOSE OF ISSUE	ISSUE DATE	PREPARE	CHECKED	APPROVED	01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAHGH	00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAHGH
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OWNER: 		MC: 		CONTRACTOR/CONSULTANT: 																	
PROJECT TITLE: PROPANE DEHYDROGENATION (PDH) PROJECT																					
DOCUMENT TITLE: PIPING AND INSTRUMENT DIAGRAM DEMINERALIZED, SERVICE, DESALINATED AND POTABLE WATER DISTRIBUTION																					
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE																
	3981	60	DE	PR	PID																
SCALE:	SIZE: A1	SHEET NO. 1 OF 1		REVISION 01	CLASS: 1																



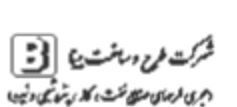
It shall not be disclosed to any third parties without Parsah Serat Pars' written consent.

[illegible]



19			20			21			22			23					
REFERENCE									DRAWINGS								
NOTES																	
1. SEE STD DWG 8-121-6.																	
2. DELETED																	
3. DETAIL "PUMP A", SEE DWG 3981-00-DE-PR-PID-055.																	
4. VENT TO ATMOSPHERE AT SAFE LOCATION.																	
5. OIL DRAIN OF MIST OIL LUBRICATION SYSTEM IS COLLECTED ON A CONTAINER.																	
GENERAL NOTES:																	
1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG'S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055.																	
2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER (PROJECT CODE=81) WHICH WILL NOT BE SHOWN ON THE PID'S.																	
HOLDS																	
1. PUMP SUCTION/DISCHARGE NOZZLE SIZE.																	
2. DETAIL OF PUMP VENT AND DRAIN.																	
3. FLOWMETER CONNECTION SIZE.																	
4. SIZE AND ARRANGEMENT OF OIL MIST DROP POINT IN PUMP LUBRICATION SYSTEM INCLUDING RECLASSIFIER, OIL DRAIN CONTAINER AND OTHER REQUIREMENT.																	
01	ISSUED FOR APPROVAL		04-Jan-2026	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAGHI											
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SCALE:		SIZE: A1	SHEET NO. 1 OF 1			REVISION 01	CLASS: 1										
19		20		21		22		23									



19	20	21	22	23		
REFERENCE			DRAWINGS			
NOTES						
1. LOCATE CLOSE TO THE LP NITROGEN HEADER. 2. DELETED 3. LINE SIZE WILL BE FINALIZED LATER. 4. BIDIRECTION						
GENERAL NOTES:						
1. FOR GENERAL LEGEND, ABBREVIATIONS, NOMENCLATURE, INSTRUMENTATION, EQUIPMENT SYMBOLOGY AND GENERAL DETAILS SEE DWG S 3981-00-DE-PR-PID-045 THRU 3981-00-DE-PR-PID-055 2. EACH INSTRUMENT TAG NUMBER HAS A PLANT IDENTIFICATION NUMBER (PROJECT CODE-83) WHICH WILL NOT BE SHOWN ON THE PID'S.						
HOLDS						
1. PSV ORIFICE SIZE, ITS INLET/OUTLET LINE SIZE AND CORRESPONDING VESSEL NOZZLE SIZE. 2. FLOWMETER CONNECTION SIZE. 3. LINE SIZE.						
01	ISSUED FOR APPROVAL	04-Jan-2026	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAGHI	
00	ISSUED FOR COMMENT	13-Aug-2025	N.ABOOSEDGH	M.JAMSHIDI	M.H.ESHRAGHI	
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PROJECT TITLE:						
PROPANE DEHYDROGENATION (PDH) PROJECT						
DOCUMENT TITLE:						
PIPING AND INSTRUMENT DIAGRAM HYDROGEN STORAGE VESSELS						
DOC NO.:	PROJ.CODE	Sec.	PHASE	DEP.	DOC.TYPE	SERIAL NO.
	3983	60	DE	PR	PID	008
SCALE:	SIZE: A1	SHEET NO. 1 OF 1		REVISION 01	CLASS: 1	
19	20	21	22	23		