

AOG

ANDERSON OIL & GAS INC.
CALGARY, ALBERTA, CANADA

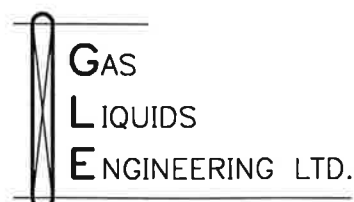


PUSKWASKAU GAS PLANT

LSD. 3-26-74-01 W6M



"As-Built"
Drawings By:



DRAWING No. DRAWING TITLE		DRAWING No. DRAWING TITLE		REFERENCE DRAWINGS (BY OTHERS)	
D-95098-011	Drawing List	D-95098-406	Piping Plan - Acid Gas Compressor / Amine Package Area	D-95098-202	Equipment Layout & Required Finished Grade Elevations
D-95098-011A	Vendor Drawing List	D-95098-407	Piping Plan - Recycle Compressor Area	D-95098-301	Piping Isometric - Acid Gas Injection Line
D-95098-012	Symbology Chart	D-95098-408	Piping Plan - DPCU Package / Refrigerant Compressor Area	D-95098-302	Piping Isometric - Water Disposal Line
D-95098-098	Block Diagram	D-95098-409	Piping Plan - Piperack Area	D-95098-303	Piping Isometric - Acid Gas Injection Wellhead Hook-up
D-95098-100	Mechanical Flowsheet - Inlet Header/Separator	D-95098-410	Piping Plan - Process / Utility Heater Package Area	(FOR REFERENCE ONLY)	
D-95098-101	Mechanical Flowsheet - Inlet/Sales Compressor Package	D-95098-411	Piping Plan - Sales ESDV Area		
D-95098-102	Mechanical Flowsheet - Amine Package (Sheet 1 of 3)	D-95098-412	Piping Plan - Amine Package / Cooler / Make-up Tank Area		
D-95098-103	Mechanical Flowsheet - Amine Package (Sheet 2 of 3)	D-95098-413	Piping Plan - Drain Tank Area		
D-95098-104	Mechanical Flowsheet - Amine Package (Sheet 3 of 3)	D-95098-414	Piping Plan - DPCU Package / Condenser Area		
D-95098-105	Mechanical Flowsheet - Recycle Compressor	D-95098-416	Piping Plan - Process / Acid Gas Flare Knock Out Drum Area		
D-95098-106	Mechanical Flowsheet - Acid Gas Compressor	D-95098-417	Piping Plan - Acid Gas Flare Stack Area		
D-95098-107	Mechanical Flowsheet - Dewpoint Control Unit (Sheet 1 of 4)	D-95098-418	Piping Plan - Process Flare Stack Area		
D-95098-108	Mechanical Flowsheet - Dewpoint Control Unit (Sheet 2 of 4)	D-95098-419	Piping Plan - Office / MCC Area		
D-95098-109	Mechanical Flowsheet - Dewpoint Control Unit (Sheet 3 of 4)	D-95098-420	Piping Plan - Instrument Air / Warehouse Area		
D-95098-110	Mechanical Flowsheet - Refrigeration Compressor Unit (Sheet 4 of 4)	D-95098-421	Piping Plan - Water Storage Area		
D-95098-111	Mechanical Flowsheet - Condensate, Water Storage and Sales Gas	D-95098-422	Piping Plan - Condensate Storage Area		
D-95098-112	Mechanical Flowsheet - Heat Medium Package and Distribution System	D-95098-423	Piping Plan - Tank Farm Truck Loading Area		
D-95098-113	Mechanical Flowsheet - Water Disposal/VRU Package	D-95098-424	Piping Plan - Water Disposal / VRU Package Area		
D-95098-114	Mechanical Flowsheet - Flare and Fuel Gas Systems	D-95098-430	Piping Sections - Inlet Separator		
D-95098-115	Mechanical Flowsheet - Instrument Air System	D-95098-431	Piping Sections - Compressor		
D-95098-116	Mechanical Flowsheet - Drain Systems	D-95098-432	Piping Sections - Amine / Refrigerant Compressor Area		
D-95098-117	Mechanical Flowsheet - Acid Gas Chiller, Water Disposal & Acid Gas Injection Wellheads	D-95098-433	Piping Sections - Inlet Header		
D-95098-201	Plot Plan - LSD. 3-26-74-01 W6M	D-95098-434	Piping Sections - Tank Farm Area		
D-95098-319	Structural Key plan	D-95098-435	Piping Sections - Acid Gas Chiller Area		
D-95098-320	Structural Steel Details - Single Door Platform	D-95098-437	Miscellaneous Pipe Clamp Details		
D-95098-321	Structural Steel Details - Double Door Platform	D-95098-438	Miscellaneous Pipe Clamp Details		
D-95098-322	Structural Steel Details - Double Door Platform c/w Loading Arm	D-95098-439	Miscellaneous Pipe Clamp Details		
D-95098-323	Structural Steel Details - Inlet Separator Platform	D-95098-440	Miscellaneous Pipe Clamp Details		
D-95098-324	Structural Steel Details - DPCU Skid Platform	D-95098-450	Miscellaneous Tank Details, S-1140 & S-1160 Acid Gas & Process F.K.O. Drums		
D-95098-325	Structural Steel Details - Process/Utility Heater Platform	D-95098-451	Miscellaneous Tank Details, S-1260 & S-1270 Closed Amine & Process Drain Tanks		
D-95098-326	Structural Steel Details - Office Building Platform / E-410 Cooler Support	D-95098-452	Miscellaneous Tank Details, S-1300 & S-1290 Floor Drain & Glycol Still Vent Drain Tanks		
D-95098-327	Structural Steel Details - Typical Stair & Handrail Details	D-95098-453	Miscellaneous Tank Details, S-1250 Floor Drain Tank		
D-95098-328	Structural Steel Details - Process/Utility Heater Platform	D-95098-454	Miscellaneous Tank Details, S-1280 Water Disposal Drain Tank		
D-95098-329	Structural Steel Details - Recycle Compressor Platform c/w Loading Arm	D-95098-455	Miscellaneous Tank Details, S-1310 Sewage Storage Tank		
D-95098-330	Structural Steel Details - Inlet/Sales Compressor Platform with Loading Arm	D-95098-500	Key Plan - Pile General Arrangement		
D-95098-331	Structural Steel Details - Inlet/Sales Compressor Double Door Platform	D-95098-501	Pile Layout - Inlet Separator Area		
D-95098-332	Structural Steel Details - Inlet/Sales Compressor Filter Separator Platform	D-95098-502	Pile Layout - Inlet/Sales Compressor Area		
D-95098-333	Structural Steel Details - Amine/Acid Gas & Recycle Comp. Package Platform	D-95098-503	Pile Layout - Amine/Compressor Area		
D-95098-341	Steel Details - Pipe support, Locations & Pipe Supports	D-95098-504	Pile Layout - DPCU/Refrigerant Compressor Area		
D-95098-342	Steel Details - Pipe support	D-95098-505	Pile Layout - Water Disposal/VRU Area		
D-95098-343	Steel Details - Pipe support	D-95098-506	Pile Layout - Storage Tank Area		
D-95098-344	Steel Details - Pipe support	D-95098-507	Pile Layout - Office/Mcc Area		
D-95098-345	Steel Details - Pipe support	D-95098-508	Pile Layout - Process Flare Stack Area		
D-95098-346	Steel Details - Pipe support	D-95098-509	Pile Layout - Acid Gas Flare Stack Area		
D-95098-347	Steel Details - Pipe support	D-95098-510	Pile Schedule and Details		
D-95098-400	Piping General Arrangement Key Plan / Yard Piping	D-95098-511	Pile Schedule and Details		
D-95098-401	Piping Plan - Inlet Header Area	Page 1 of 4	Line List		
D-95098-402	Piping Plan - Inlet Separator Area	Page 2 of 4	Line List		
D-95098-403	Piping Plan - Inlet / Sales Gas Compressor / Piperack Area	Page 3 of 4	Line List		
D-95098-404	Piping Plan - Future Compressor / Piperack Area	Page 4 of 4	Line List		
D-95098-405	Piping Plan - Drain Tank / Piperack Area				

DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	PROJECT				DRAWING LIST				
		1	"AS-BUILT"	96-10-29	DCC															ANDERSON OIL & GAS INC. CALGARY, ALBERTA, CANADA							
		0	ISSUED FOR CONSTRUCTION	96-04-26	KOC															PUSKWASKAU GAS PLANT							
		C	ISSUED FOR TENDER	96-04-10	KOC																						
		B	REVISED PER CLIENT COMMENTS	95-12-19	KOC																						
		A	ISSUED FOR APPROVAL	95-11-17	KOC																						

GAS LIQUIDS ENGINEERING LTD.

• GAS PURIFICATION

• HYDROCRACKING

• DESULFURIZATION

• SULFONATION

• POLYMERIZATION

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JOB NO.	SCALE	DWG. NO.		
	NTS	D-95098-011		1

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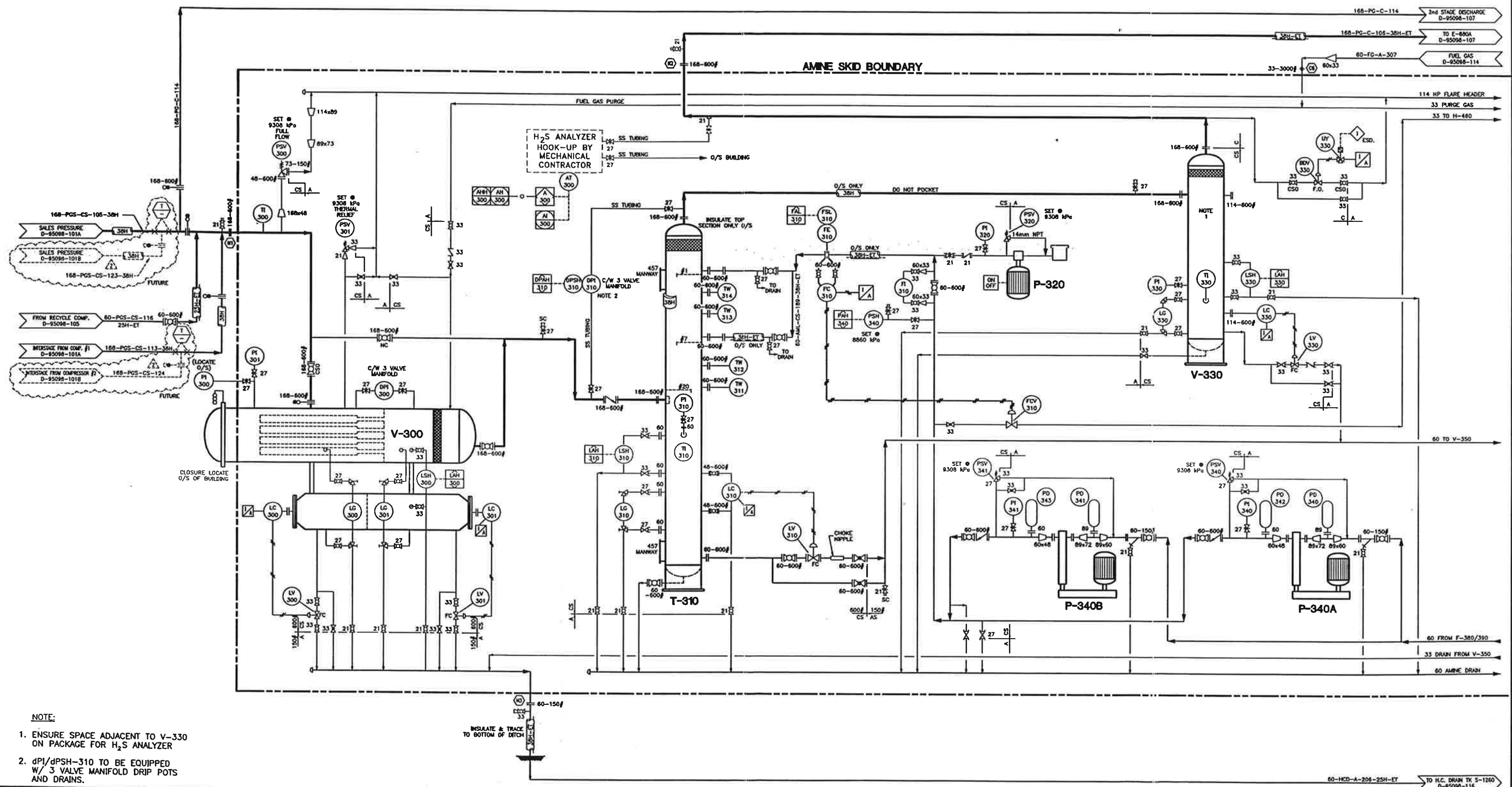
V-300
INLET FILTER SEPARATOR
508 mm O/D x 2438 mm S/F
D.P.: 9308 kPa @ -29/93°C
C.A.: 3.2mm, FULL X-RAY, SR

T-310
AMINE CONTACTOR
914 mm I/D x 15240 mm S/F
D.P.: 9308 kPa @ -29/93°C
C.A.: 3.2mm
FULL X-RAY, SR

P-320
CHEMICAL INJECTION PUMP
TEXTTEAM MODEL 4321
0.5 to 5.0 USGPD
1/4 H.P. 120/240/1/60 HP MOTOR

V-330
SWEET GAS SCRUBBER
914 mm I/D x 1829 mm S/F
9308 kPa @ -29/93°C
C.A.: 3.2mm, FULL X-RAY, SR

P-340A/B
LEAN AMINE CHARGE PUMPS
UNION MODEL TD-60
25 USGPM @ 9308 kPa
6.5" SNEAKS
25 HP, 1200 RPM 460/3/60 HP MOTOR SF 1.15
PUMP SPEED: 300 RPM



- NOTE:
1. ENSURE SPACE ADJACENT TO V-330 ON PACKAGE FOR H₂S ANALYZER
 2. dPI/dPSH-310 TO BE EQUIPPED W/ 3 VALVE MANIFOLD DRIP POTS AND DRAINS.

INSULATE & TRACE TO BOTTOM OF DITCH

DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MEDICAL CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	JOB NO.	SCALE	DWG. NO.	
		5	AS-BUILT - '98 PLANT REVISIONS PHASE II	98-01-08	CLW														85-11-03			
		4	ISSUED FOR CONSTRUCTION	98-09-11	CLW																	
		3	ISSUED FOR APPROVAL	98-08-31	CLW																	
		2	GAS PLANT REVISIONS	98-04-22	CGC																	
		1	"AS-BUILT"	98-10-29	DCC																	
		0	ISSUED FOR CONSTRUCTION	98-04-26	RHD																	

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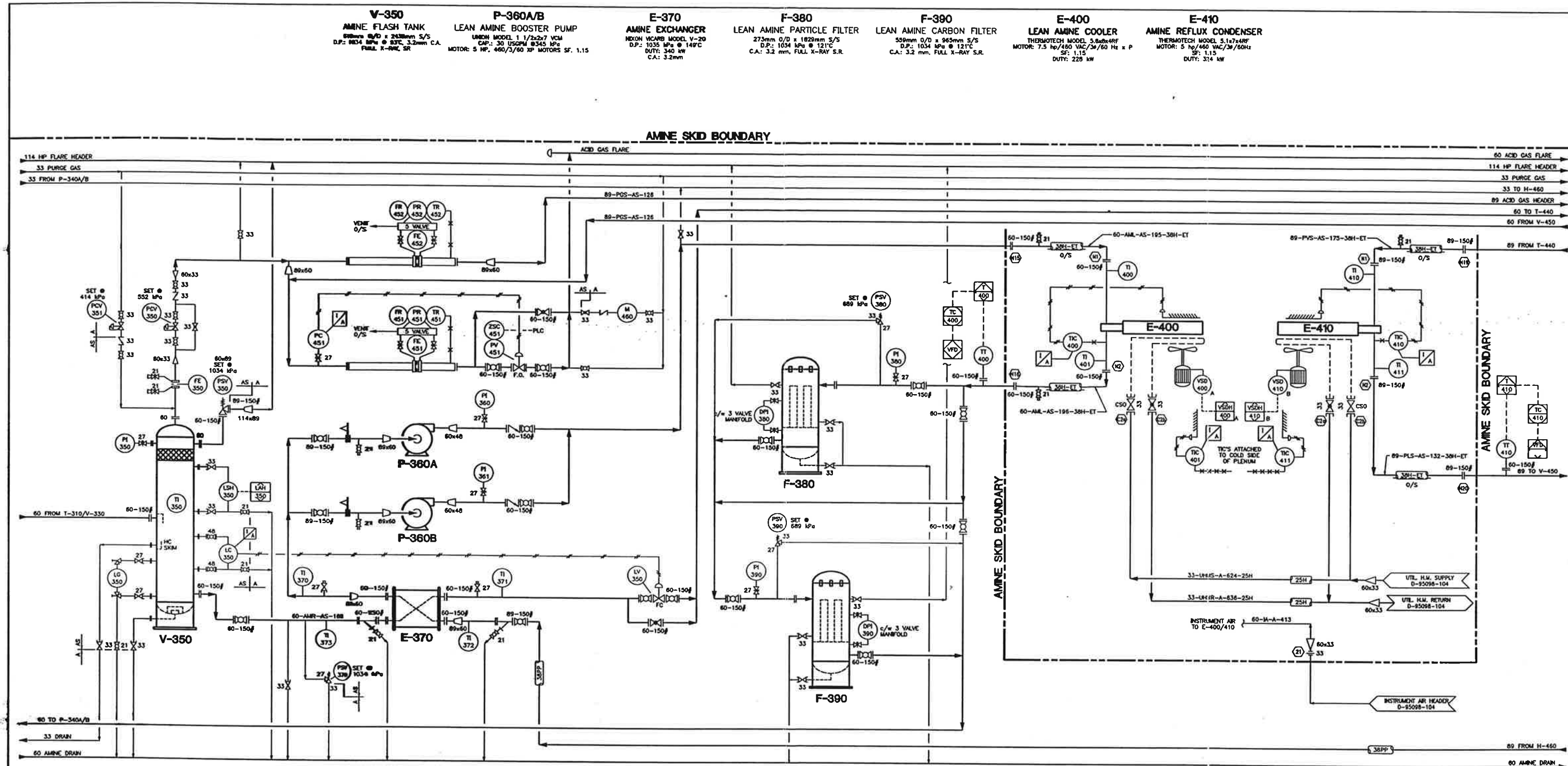
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AOG ANDERSON OIL & GAS INC.
CALGARY, ALBERTA, CANADA

PROJECT
PUSKWASKAU GAS PLANT

PIPING & INSTRUMENTATION DIAGRAM
AMINE PACKAGE (Sheet 1 of 3)

JOB NO. 983355 SCALE NTS DWG. NO. D-95098-102



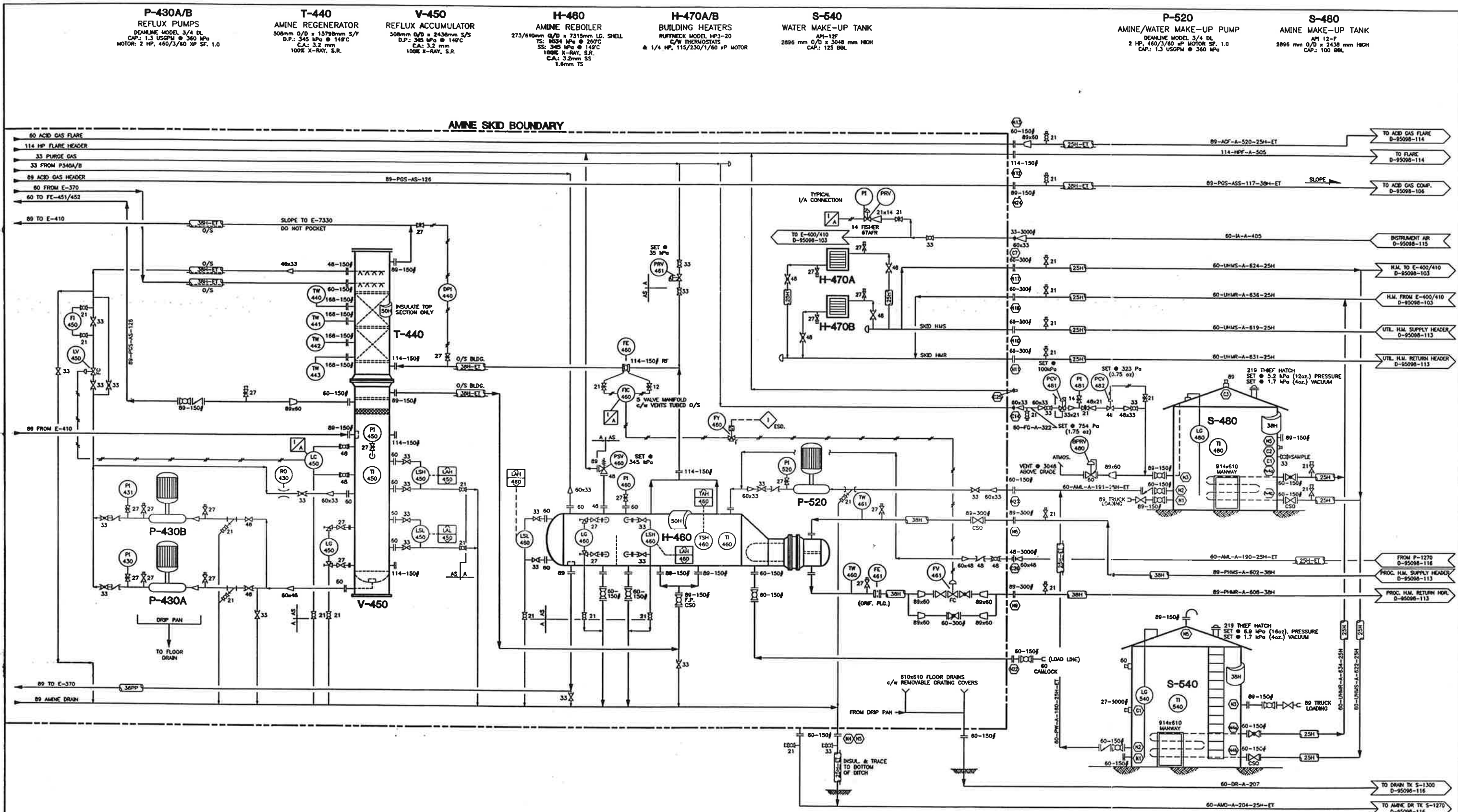
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		5	AS-BUILT - '98 PLANT REVISIONS PHASE II	98-01-08	CLW														983355	NTS	D-95098-103	5
		4	ISSUED FOR CONSTRUCTION	98-08-11	CLW																	
		3	ISSUED FOR APPROVAL	98-08-31	CLW																	
		2	GAS PLANT REVISIONS	98-04-22	OGC																	
		1	"AS-BUILT"	98-10-29	DCC																	
		0	ISSUED FOR CONSTRUCTION	98-04-26	RWD																	

GAS
 LIQUIDS
 ENGINEERING LTD.

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ANDERSON OIL & GAS INC.
 CALGARY, ALBERTA, CANADA
 PROJECT
 PUSKWASKAU GAS PLANT
 PIPING & INSTRUMENTATION DIAGRAM
 AMINE PACKAGE (Sheet 2 of 3)
 JOB NO. 983355
 SCALE NTS
 DWG. NO. D-95098-103



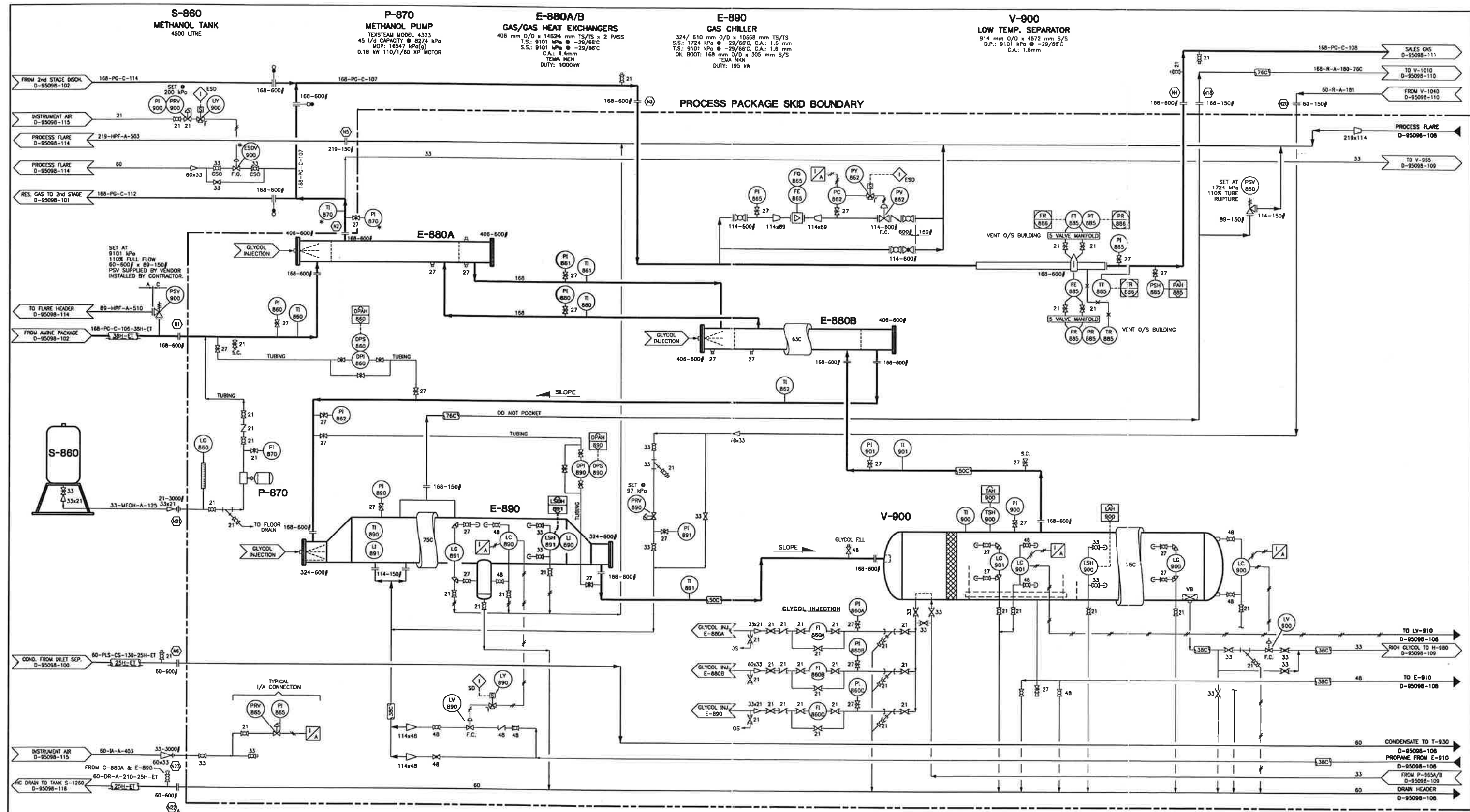
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		5	AS-BUILT - '98 PLANT REVISIONS PHASE II	99-01-08	CLW				ANDERSON OIL & GAS INC. CALGARY, ALBERTA, CANADA PROJECT PUSKWASKAU GAS PLANT PIPING & INSTRUMENTATION DIAGRAM AMINE PACKAGE (Sheet 3 of 3)																					
		4	ISSUED FOR CONSTRUCTION	98-09-11	CLW																									
		3	ISSUED FOR APPROVAL	98-08-31	CLW																									
		2	GAS PLANT REVISIONS	98-04-22	DCC																									
		1	"AS-BUILT"	96-10-29	DCC																									
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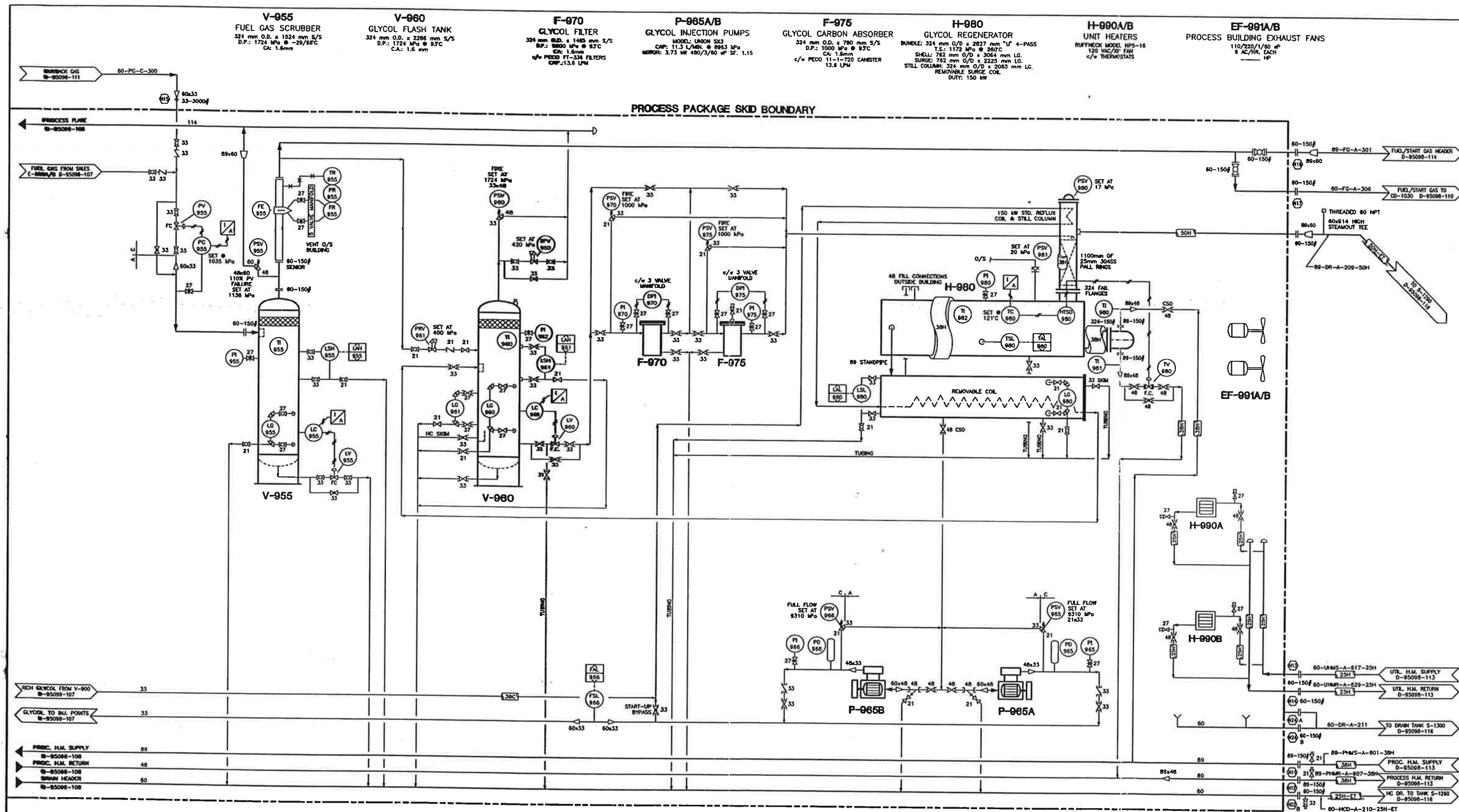
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GAS LIQUIDS ENGINEERING LTD.

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- DIMENSIONS
- REMOVED
- REMOVED



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS			
 GAS LIQUIDS ENGINEERING LTD. * OIL PROCESSING * REFINERIES * CHEMICALS * PETROCHEMICALS * POLYMER ENGINEERING	NOTE: * SUPPLIED BY VENDOR, INSTALLED BY CONTRACTOR.	2	AS BUILT	96-11-01	KOC				DESIGNED			ANDERSON OIL & GAS INC. CALGARY, ALBERTA, CANADA PROJECT PUKWKASKAU GAS PLANT PIPING & INSTRUMENTATION DIAGRAM DEWPOINT CONTROL UNIT (Sheet 1 of 4) JOB NO. SCALE DWG. NO. NTS D-95098-107
		1	ESDV-900 MOVED OFF-SKID	96-05-07	KOC				DRAWN	GAS LIQUIDS ENG.	95-11-03	
		D	ISSUED FOR CONSTRUCTION	96-04-26	RHD				CHECKED			
		D	ISSUED FOR TENDER	96-04-10	RHD				PROCESS CK.			
		C	REVISED PER VENDOR DRAWING	96-02-15	DMM				MECH. CK.			
		B	ISSUED FOR EQUIPMENT BID	95-11-24	KOC				STRUCT. CK.			
									ELECT. CK.			
									AOG APP.			
									AOG APP.			



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHKD	APPD	AOG APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	JOB NO.	SCALE	DWG. NO.	
		4	AS-BUILT - '98 PLANT REVISIONS PHASE I	98-09-17	CLW														983355	NTS	D-95098-109	4
		3	ISSUED FOR CONSTRUCTION	98-07-24	CLW																	
		2	GAS PLANT REVISIONS	98-04-22	CGC																	
		1	"AS-BUILT"	96-10-29	DCC																	
		0	ISSUED FOR CONSTRUCTION	96-04-26	RHD																	
		D	ISSUED FOR TENDER	96-04-10	RHD																	

GAS
 LIQUIDS
 ENGINEERING LTD.

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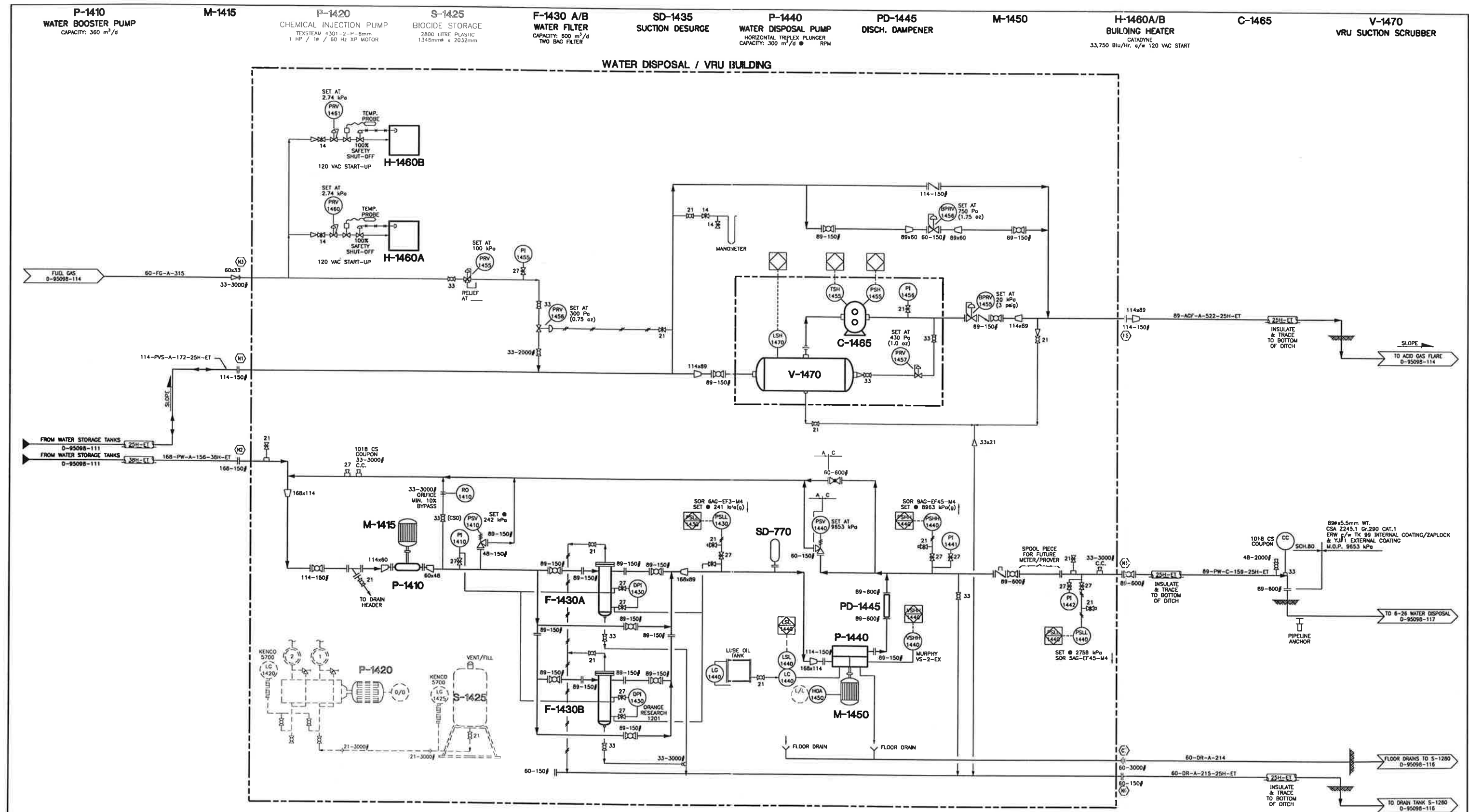
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 MECH. CK.
 STRUCT. CK.
 ELECT. CK.
 AOG APP.
 AOG APP.

AOG ANDERSON OIL & GAS INC.
 CALGARY, ALBERTA, CANADA

PROJECT
 PUSKWASKAU GAS PLANT

PIPING & INSTRUMENTATION DIAGRAM
 DEWPOINT CONTROL UNIT (Sheet 3 of 4)

JOB NO. 983355
 SCALE NTS
 DWG. NO. D-95098-109



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	JOB NO.	SCALE	DWG. NO.	1
		1	"AS-BUILT"	96-10-29	DCC																	
		0	ISSUED FOR CONSTRUCTION	96-04-26	RHD																	
		C	ISSUED FOR TENDER	96-04-10	RHD																	
		B	ISSUED FOR PACKAGE BID	96-02-22	KOC																	
		A	ISSUED FOR APPROVAL	96-01-30	KOC																	

GAS
LIQUIDS
ENGINEERING LTD.

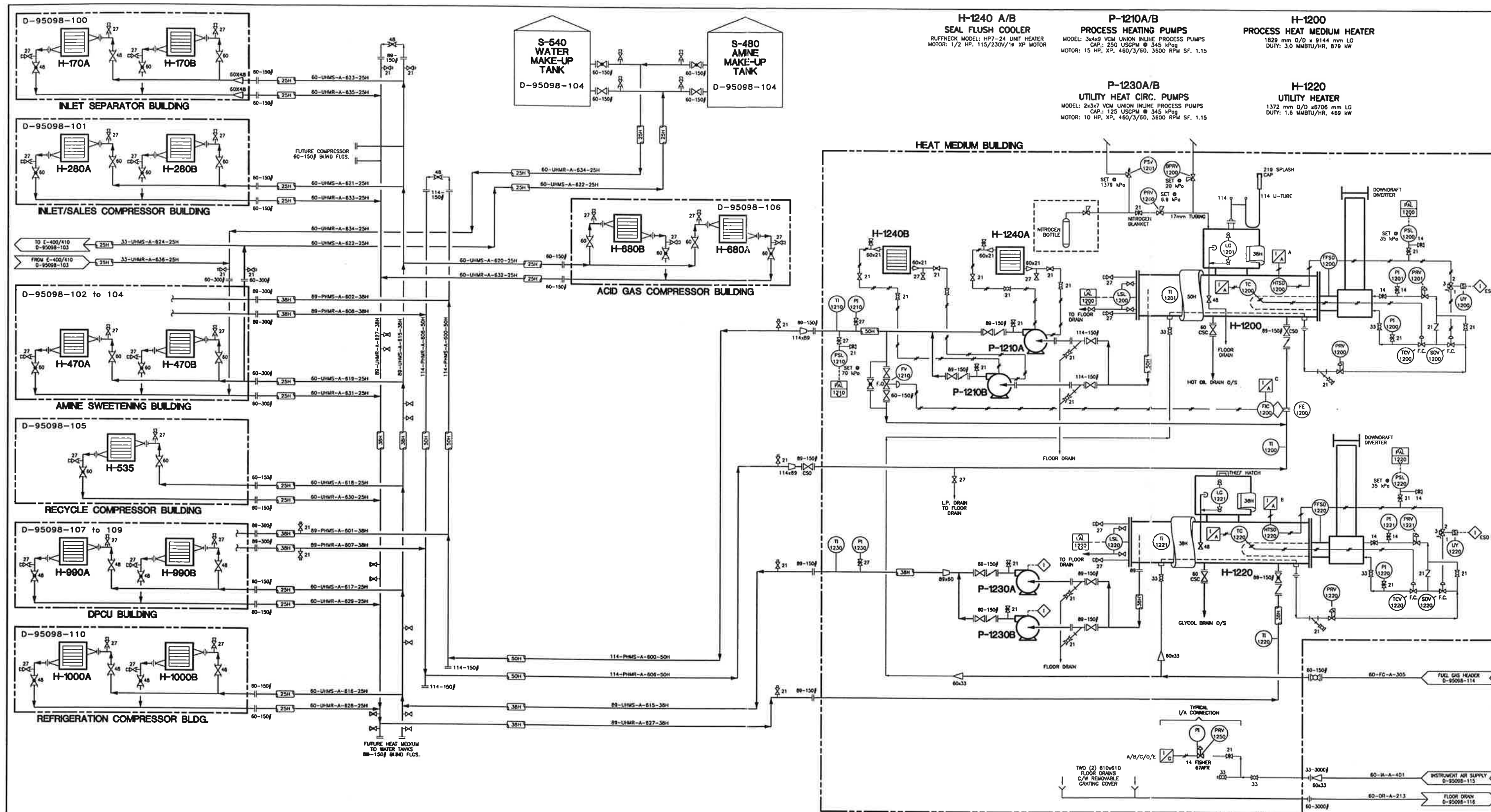
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ANDERSON OIL & GAS INC.
CALGARY, ALBERTA, CANADA

PROJECT
PUSKASKAU GAS PLANT

PIPING & INSTRUMENTATION DIAGRAM
WATER DISPOSAL / VRU
PACKAGE

JOB NO. SCALE DWG. NO. 0-95098-112



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	PROJECT	JOB NO.	SCALE	DWG. NO.	
		1	"AS-BUILT"	96-10-29	DCC														ANDERSON OIL & GAS INC. CALGARY, ALBERTA, CANADA				
		0	ISSUED FOR CONSTRUCTION	96-04-26	RHD														PROJECT				
		E	ISSUED FOR TENDER	96-04-10	RHD														PUSKWASKAU GAS PLANT				
		D	GENERAL REVISIONS	96-02-15	KOC														PIPING & INSTRUMENTATION DIAGRAM HEAT MEDIUM PACKAGE AND DISTRIBUTION SYSTEM				
		C	ISSUED FOR HEATER PACKAGE BID	96-01-04	KOC																		
		B	REVISED PER CLIENT REMARKS	95-12-29	KOC																		

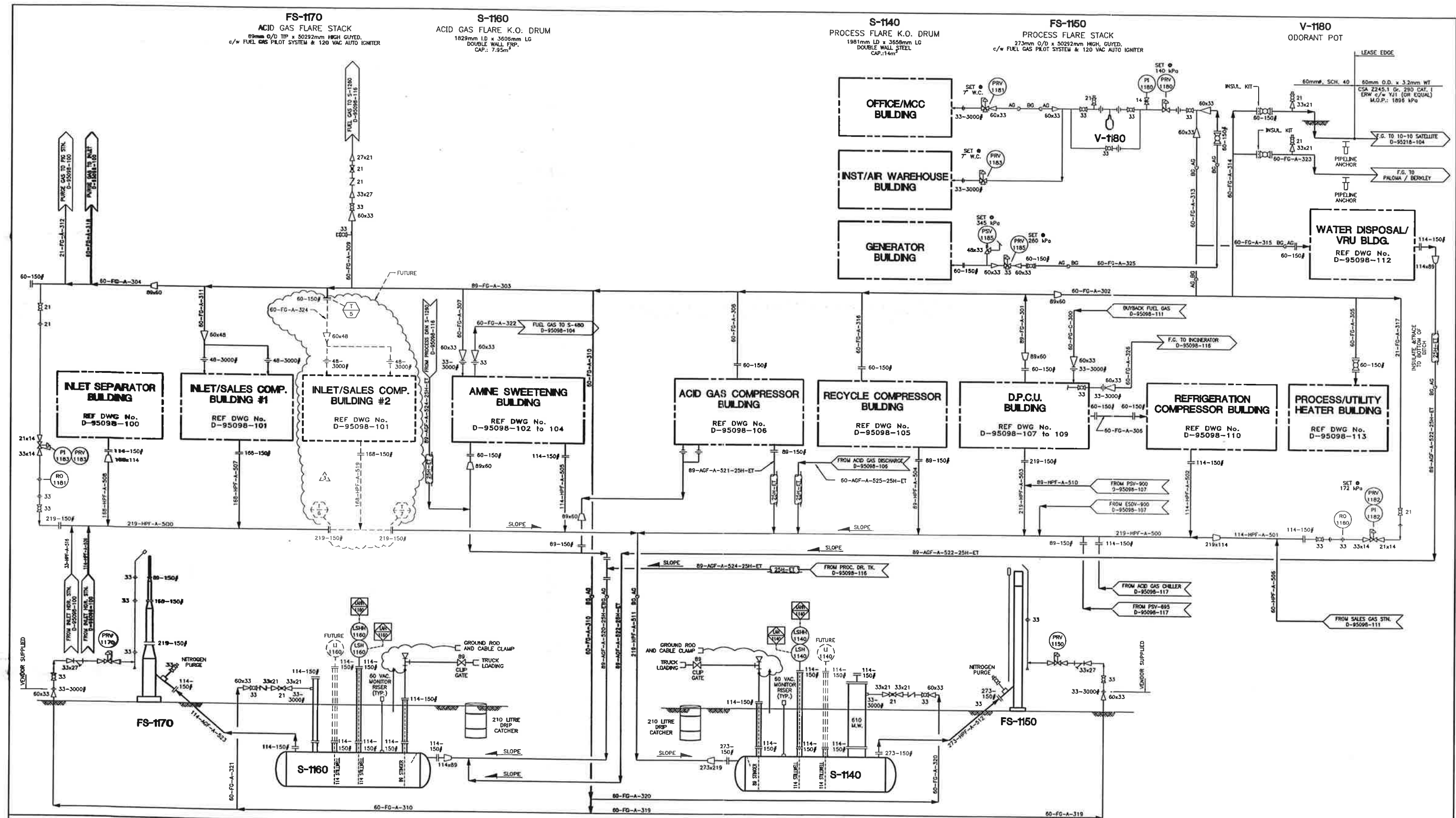
GAS
LIQUIDS
ENGINEERING LTD.

• PROCESS
• INSTRUMENTATION
• ELECTRICAL
• MECHANICAL
• PIPING

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D-95098-113

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DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AXL APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AXL APP.	AXL APP.	JOB NO.	SCALE	DWG. NO.	
		6	AS-BUILT - '98 PLANT REVISIONS PHASE 1	98-09-17	CLW														983355	NTS	D-95098-114	6
		5	ISSUED FOR CONSTRUCTION	98-07-24	CLW																	
		4	GENERATOR/INCINERATOR ADDITION	98-07-17	CLW																	
		3	GAS PLANT REVISIONS	98-04-22	CCC																	
		2	"AS-BUILT"	96-10-29	DCC																	
		1	ESDV-900 MOVED OFF SKID, GEN. REV'S.	96-05-07	WOC																	

CAO FILE: P/97228/DWGS/5098-114.DWG

K-1340A/B
AIR COMPRESSOR MODULE
MODEL: DURAVANE DV25AS
MOTOR: 25 HP, 1760 RPM 460V/3/60 TEFC SF: 1.15
CAP.: 100 SCFM @ 758 kPa

V-1320
WET AIR RECEIVER
SIZE: 240 Gd
MAWP: 1379 kPa @ 232°C
P/N: A 10128

M-1330
HEATLESS AIR DRYER
MODEL: KEBEC 17H008 ATDU
CAP.: 150 SCFM @ 690 kPa
DEWPOINT: -47°C
D.P.: 150 PSIG @ 260°C

V-1330
DRY AIR RECEIVER
SIZE: 240 Gd
MAWP: 1379 kPa @ 232°C
P/N: A 10053

INSTRUMENT AIR SKID

NOTE:

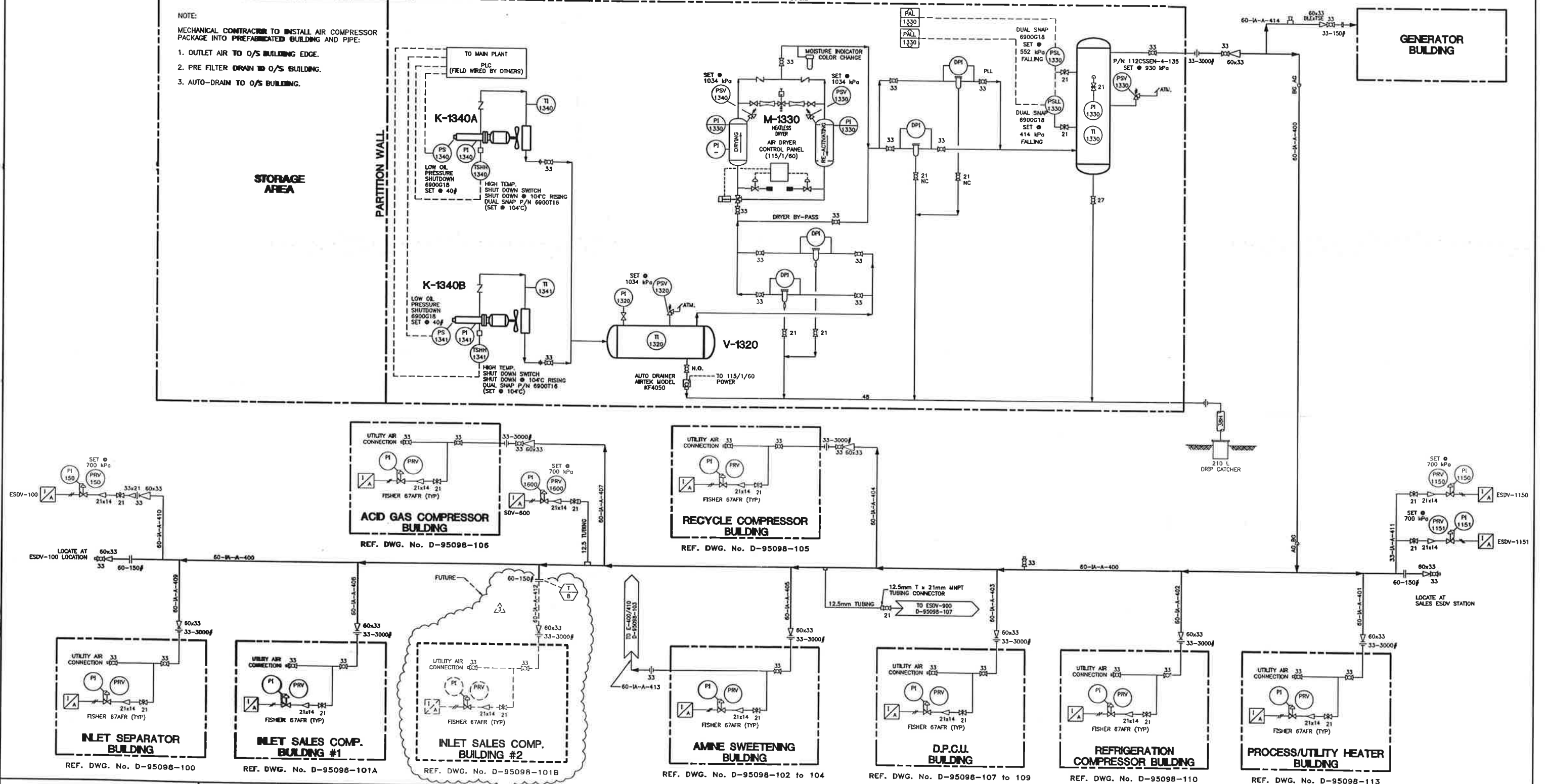
MECHANICAL CONTRACTOR TO INSTALL AIR COMPRESSOR PACKAGE INTO PREFABRICATED BUILDING AND PIPE:

1. OUTLET AIR TO O/S BUILDING EDGE.
2. PRE FILTER DRAIN TO O/S BUILDING.
3. AUTO-DRAIN TO O/S BUILDING.

STORAGE AREA

PARTITION WALL

GENERATOR BUILDING



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	JOB NO.	SCALE	DWG. NO.	
		6	AS-BUILT - '98 PLANT REVISIONS PHASE I	98-09-17	CLW														983355	NTS	D-95098-115	6
		5	ISSUED FOR CONSTRUCTION	98-07-24	CLW																	
		4	GENERATOR/INCINERATOR ADDITION	98-07-17	CLW																	
		3	GAS PLANT REVISIONS	98-04-22	CGC																	
		2	"AS-BUILT"	98-10-29	DCC																	
		1	ESDV-900 MOVED OFF-SKID, GEN. REV'S	98-05-07	KOC																	

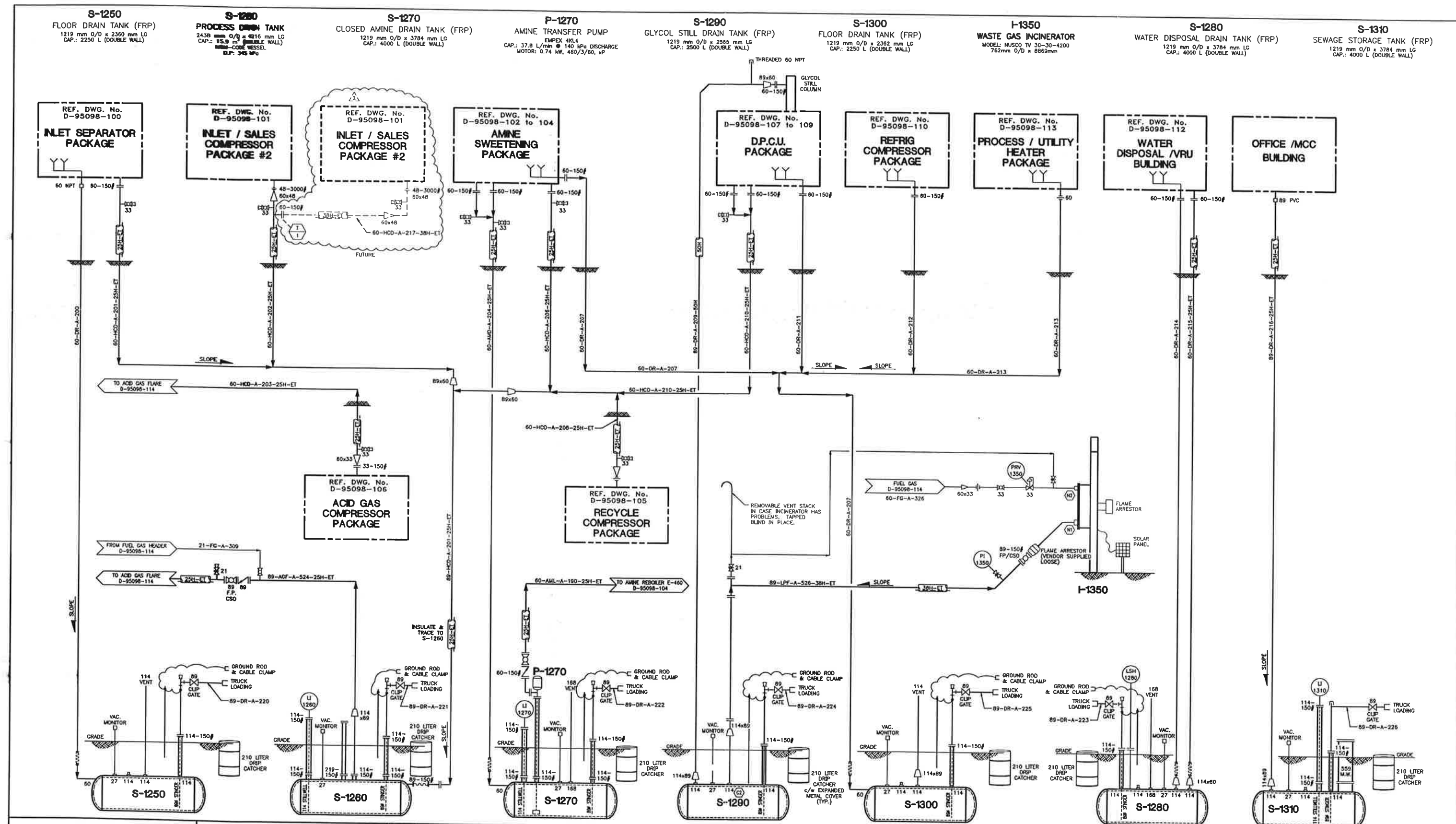
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GAS
LIQUIDS
ENGINEERING LTD.

• PRE-PROCESSING
• REFINING
• CHEMICALS
• FACILITY DESIGN

AOG ANDERSON OIL & GAS INC.
CALGARY, ALBERTA, CANADA
PROJECT
PUSKASKAU GAS PLANT
PIPING & INSTRUMENTATION DIAGRAM
INSTRUMENT AIR SYSTEM
JOB NO. 983355 SCALE NTS DWG. NO. D-95098-115



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS	DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	JOB NO.	SCALE	DWG. NO.	
		5	AS-BUILT - '98 PLANT REVISIONS PHASE I	98-09-17	CLW														983355	NTS	D-95098-116	5
		4	ISSUED FOR CONSTRUCTION	98-07-24	CLW																	
		3	GENERATOR/INCINERATOR ADDITION	98-07-17	CLW																	
		2	GAS PLANT REVISIONS	98-04-22	CGC																	
		1	"AS-BUILT"	96-10-29	DCC																	
		0	ISSUED FOR CONSTRUCTION	96-04-26	RHD																	

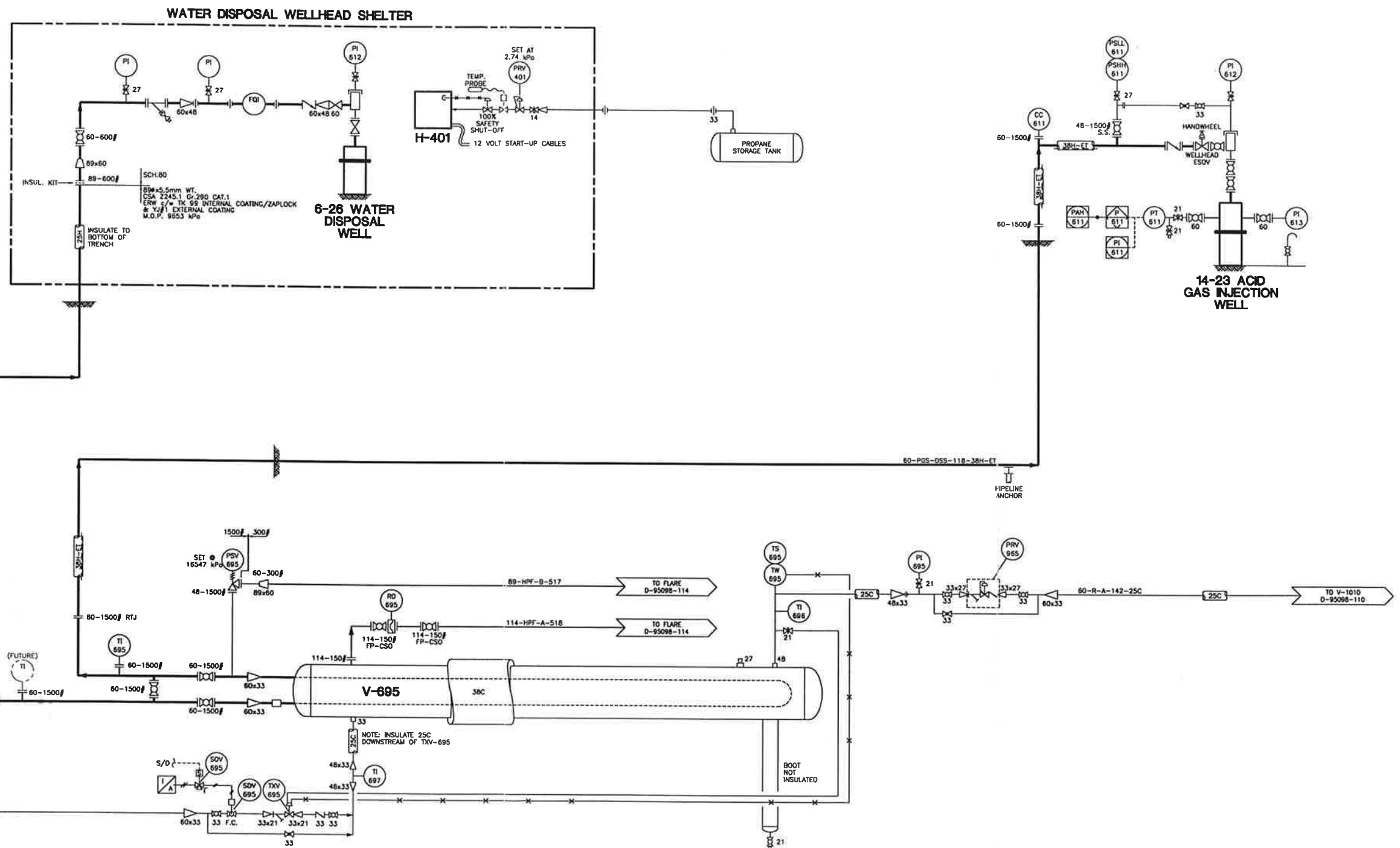
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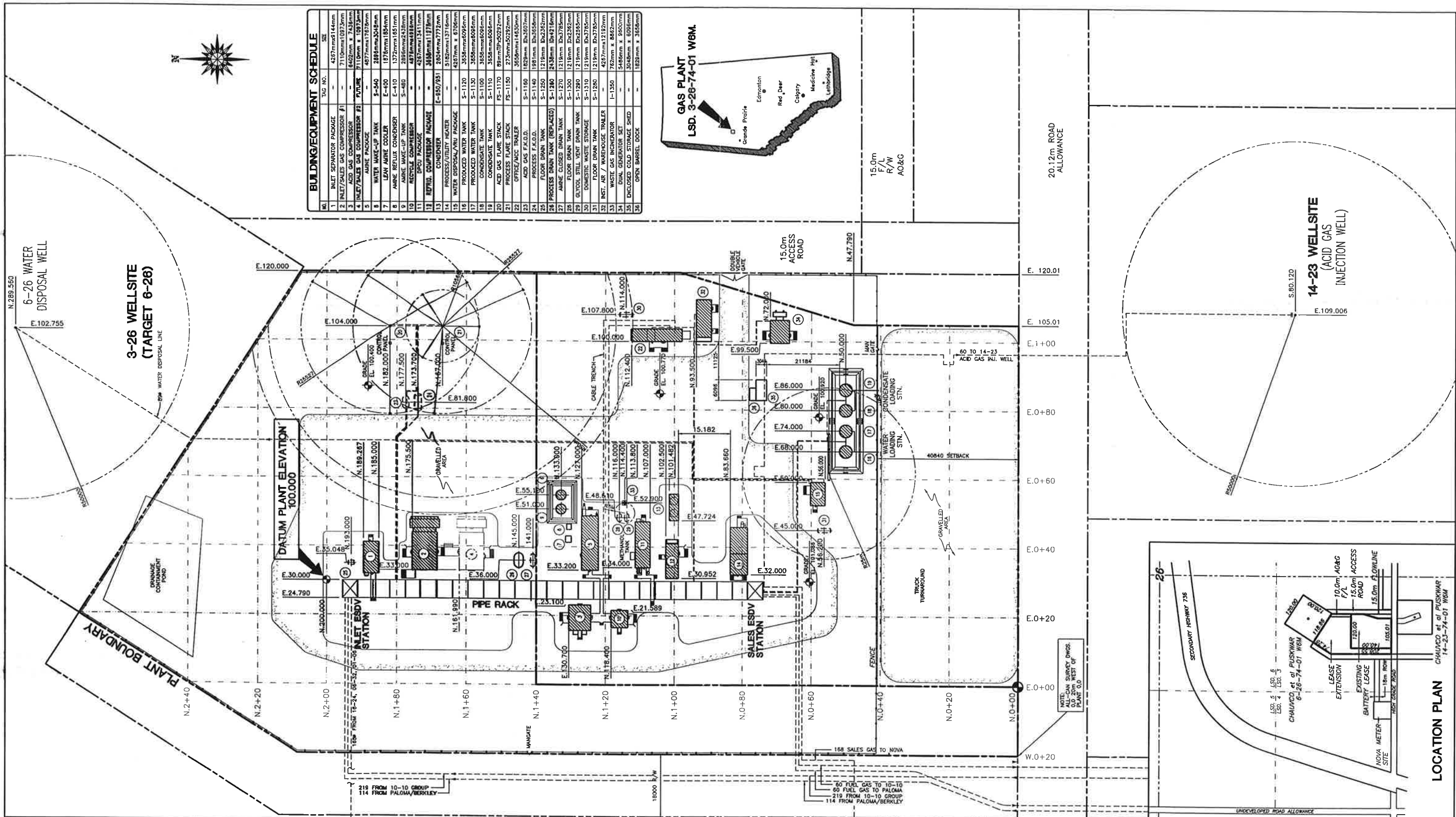
GAS
LIQUIDS
ENGINEERING LTD.

• SHEETWORK
• CONSTRUCTION
• PIPING
• ELECTRICAL

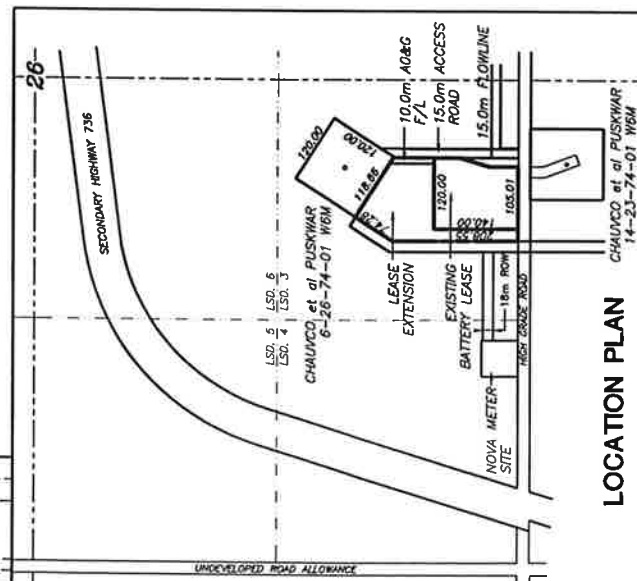
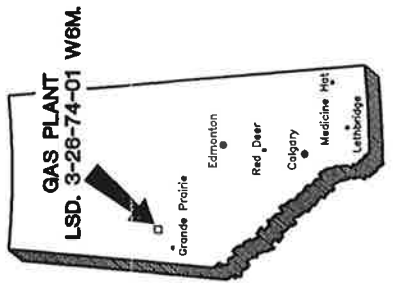
ANDERSON OIL & GAS INC.
CALGARY, ALBERTA, CANADA
PROJECT
PUSKASKAU GAS PLANT
PIPING & INSTRUMENTATION DIAGRAM
DRAIN SYSTEMS
JOB NO. 983355
SCALE NTS
DWG. NO. D-95098-116



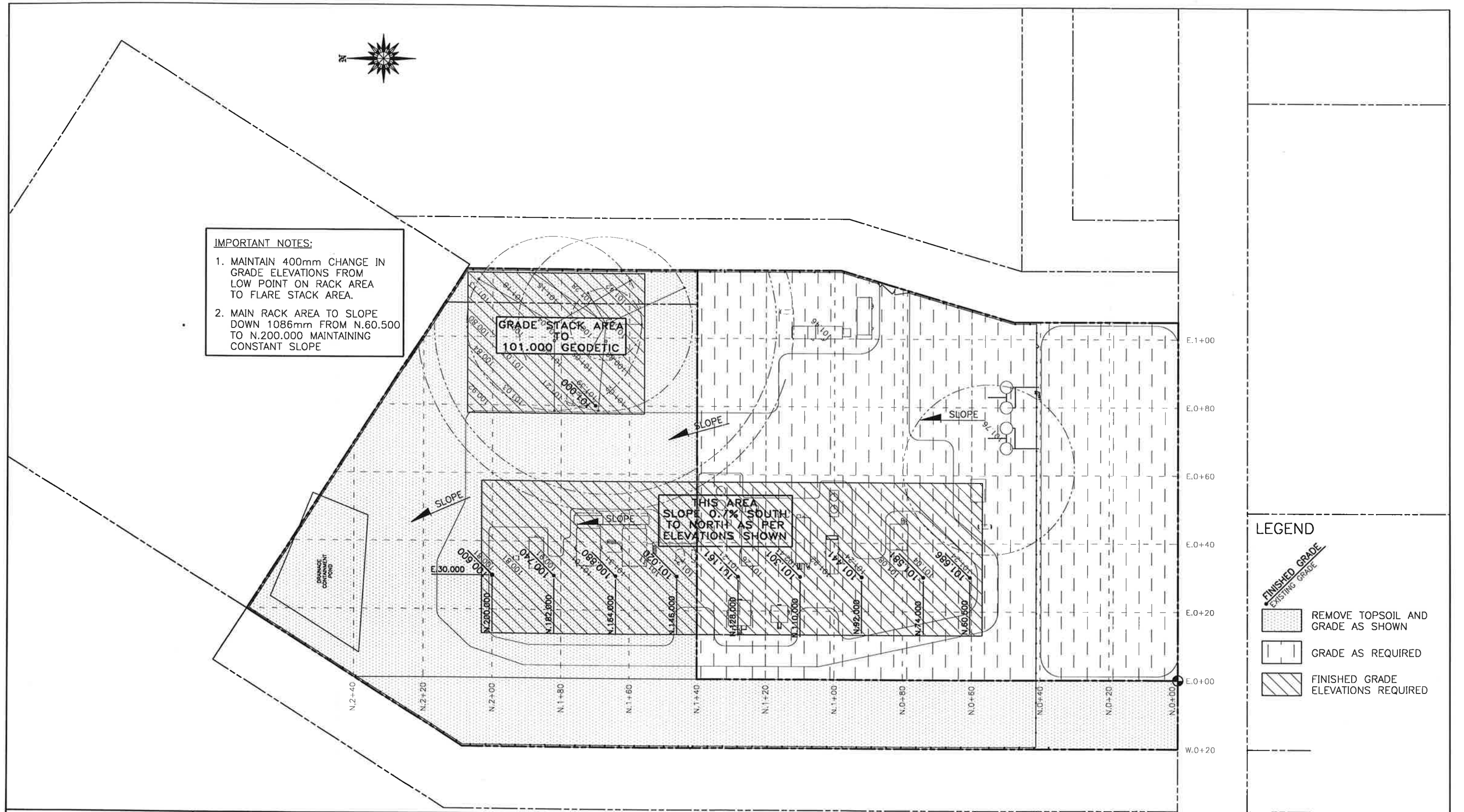
DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS				DESIGNED	DRAWN	GAS LIQUIDS ENG.	96-10-01	AOG ANDERSON OIL & GAS INC. CALGARY, ALBERTA, CANADA		
													CHECKED				PROJECT		
													PROCESS CK.				PUSKWASKAU GAS PLANT		
GAS LIQUIDS ENGINEERING LTD. • OIL PURIFICATION • REFRIGERATION • DRYERS • DISTILLATION • FINELINE CHEMICALS		1	GENERAL REVISIONS	96-10-30	KOC								MECH. CK.				PIPING & INSTRUMENTATION DIAGRAM		
		0	ISSUED FOR CONSTRUCTION	96-10-22	KOC								STRUCT. CK.				ACID GAS CHILLER,		
		B	ADDED PSV/RUPTURE DISK	96-10-18	KOC								ELECT. CK.				WATER DISPOSAL & ACID GAS INJECTION WELLHEADS		
		A	ISSUED FOR APPROVAL	96-10-01	KOC								AOG APP.				JOB NO.	SCALE	DWG. NO.
PLOTTED: MAY 20, 1997 11:45 AM																NTS	D-95098-117		1



BUILDING/EQUIPMENT SCHEDULE			
NO.	TAG NO.	DESCRIPTION	SIZE
1	INLET SEPARATOR PACKAGE	INLET SEPARATOR PACKAGE #1	4257mm x 14mm
2	INLET/SALES GAS COMPRESSOR #1	INLET/SALES GAS COMPRESSOR #1	7110mm x 1073mm
3	ACID GAS COMPRESSOR	ACID GAS COMPRESSOR	8402mm x 7438mm
4	INLET/SALES GAS COMPRESSOR #2	INLET/SALES GAS COMPRESSOR #2	7110mm x 1073mm
5	AMINE PACKAGE	AMINE PACKAGE	4877mm x 7878mm
6	WATER MAKE-UP TANK	WATER MAKE-UP TANK	2889mm x 5048mm
7	LEAN AMINE COOLER	LEAN AMINE COOLER	1874mm x 854mm
8	AMINE REFLUX CONDENSER	AMINE REFLUX CONDENSER	1372mm x 1051mm
9	AMINE MAKE-UP TANK	AMINE MAKE-UP TANK	2889mm x 5048mm
10	RECYCLE COMPRESSOR	RECYCLE COMPRESSOR	4257mm x 1311mm
11	DRU PACKAGE	DRU PACKAGE	4257mm x 1311mm
12	REFIN. COMPRESSOR PACKAGE	REFIN. COMPRESSOR PACKAGE	3456mm x 1171mm
13	CONDENSER	CONDENSER	2804mm x 772mm
14	PROCESS/UTILITY HEATER	PROCESS/UTILITY HEATER	5126mm x 3716mm
15	WATER DISPOSAL/VNU PACKAGE	WATER DISPOSAL/VNU PACKAGE	4257mm x 6796mm
16	PRODUCED WATER TANK	PRODUCED WATER TANK	3555mm x 6096mm
17	PRODUCED WATER TANK	PRODUCED WATER TANK	3555mm x 6096mm
18	CONDENSATE TANK	CONDENSATE TANK	3555mm x 6096mm
19	CONDENSATE TANK	CONDENSATE TANK	3555mm x 6096mm
20	ACID GAS FLARE STACK	ACID GAS FLARE STACK	89mm x 1170mm
21	PROCESS FLARE STACK	PROCESS FLARE STACK	273mm x 5029mm
22	OFFICE/ACC TRAILER	OFFICE/ACC TRAILER	3656mm x 1450mm
23	ACID GAS F.K.O.D.	ACID GAS F.K.O.D.	1829mm x 3607mm
24	PROCESS F.K.O.D.	PROCESS F.K.O.D.	1829mm x 3607mm
25	FLOOR DRAIN TANK	FLOOR DRAIN TANK	1219mm x 2336mm
26	PROCESS DRAIN TANK (REPLACED)	PROCESS DRAIN TANK (REPLACED)	2436mm x 4241mm
27	AMINE CLOSED DRAIN TANK	AMINE CLOSED DRAIN TANK	1219mm x 2336mm
28	FLOOR DRAIN TANK	FLOOR DRAIN TANK	1219mm x 2336mm
29	OLYCOIL STILL VENT DRAIN TANK	OLYCOIL STILL VENT DRAIN TANK	1219mm x 2336mm
30	DOMESTIC WASTE STORAGE	DOMESTIC WASTE STORAGE	1219mm x 2336mm
31	FLOOR DRAIN TANK	FLOOR DRAIN TANK	1219mm x 2336mm
32	INST. AIR / WAREHOUSE TRAILER	INST. AIR / WAREHOUSE TRAILER	4257mm x 1219mm
33	WASTE GAS INCINERATOR	WASTE GAS INCINERATOR	782mm x 8462mm
34	DUAL GENERATOR SET	DUAL GENERATOR SET	5486mm x 8600mm
35	ENCLOSED COLD STORAGE SHED	ENCLOSED COLD STORAGE SHED	3046mm x 6096mm
36	OPEN BARREL DOCK	OPEN BARREL DOCK	1829mm x 3656mm



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS				DESIGNED	DRAWN	CHECKED	PROCESS CK.	MECH. CK.	STRUCT. CK.	ELECT. CK.	AOG APP.	AOG APP.	JOB NO.	SCALE	DWG. NO.									
		11	AS-BUILT - '98 PLANT REVISIONS PHASE I & II	99-01-08	CLW																												
		10	ISSUED FOR CONSTRUCTION	98-09-11	CLW																												
		9	ISSUED FOR APPROVAL	98-08-31	CLW																												
GAS LIQUIDS ENGINEERING LTD. • GAS PURIFICATION • HYDROTREATING • CRYSTALLIZATION • SEPARATION • POLYMERIZATION	File: 5098-201.dwgXref: masterapp.dwg	8	ISSUED FOR CONSTRUCTION	98-07-24	CLW																												
		7	GENERATOR/INCINERATOR ADDITION	98-07-17	CLW																												
		6	"AS-BUILT" BARREL DOCK	98-07-09	KOC																												
									CAD FILE: P:\98213\DWGS\5098-201.DWG																								
												ANDERSON OIL & GAS INC. CALGARY, ALBERTA, CANADA				PROJECT PUSKWASKAU GAS PLANT				PLOT PLAN LSD. 3-26-74-01 W6M.				JOB NO. 983355				SCALE 1:500		DWG. NO. D-95098-201		11	



IMPORTANT NOTES:

1. MAINTAIN 400mm CHANGE IN GRADE ELEVATIONS FROM LOW POINT ON RACK AREA TO FLARE STACK AREA.
2. MAIN RACK AREA TO SLOPE DOWN 1086mm FROM N.60.500 TO N.200.000 MAINTAINING CONSTANT SLOPE

LEGEND

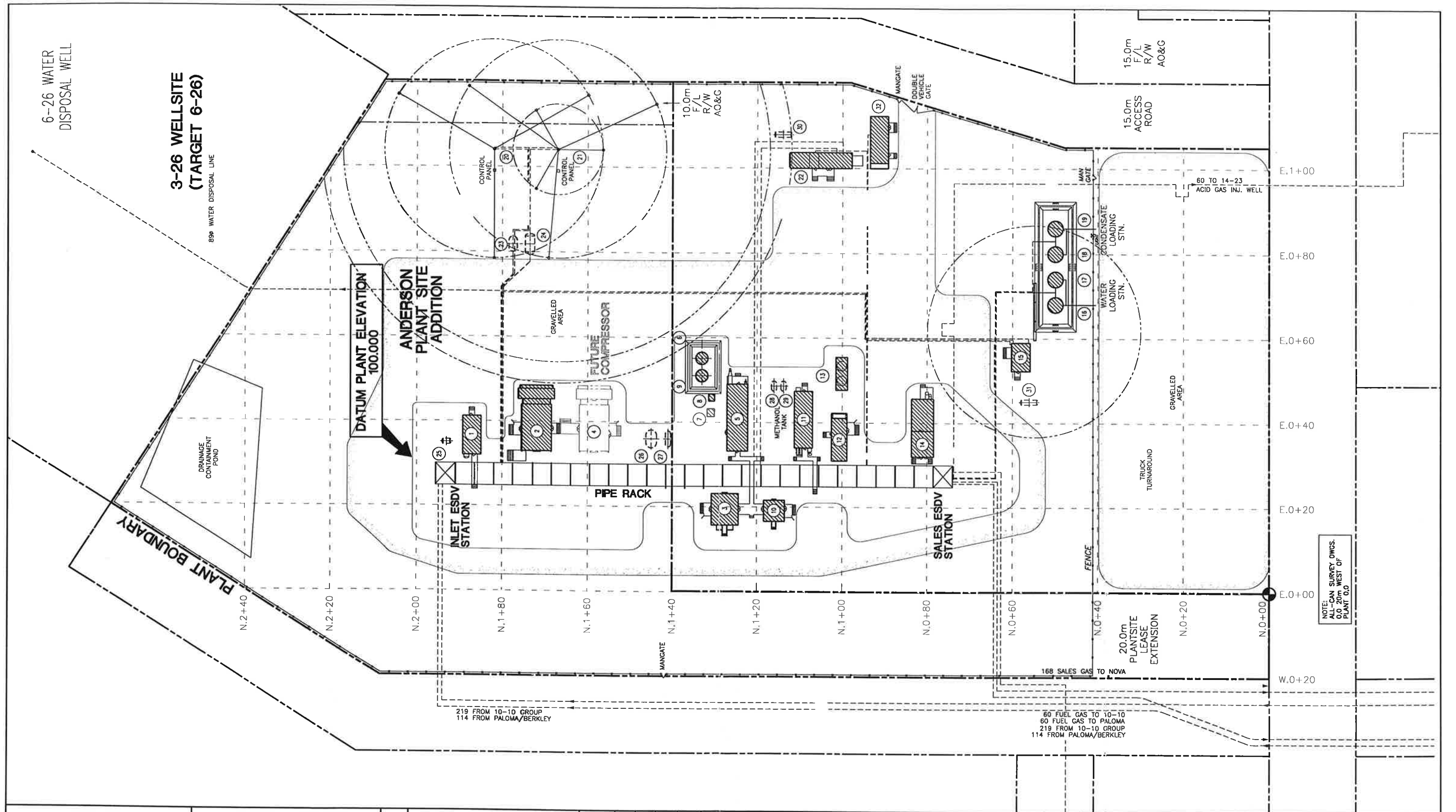
FINISHED GRADE
 EXISTING GRADE

REMOVE TOPSOIL AND GRADE AS SHOWN

GRADE AS REQUIRED

FINISHED GRADE ELEVATIONS REQUIRED

DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS			DESIGNED	GAS LIQUIDS ENG.	96-01-08	PROJECT		EQUIPMENT LAYOUT AND REQUIRED FINISHED GRADE ELEVATIONS		JOB NO.	SCALE	DWG. NO.	3
		3	ISSUED FOR INFORMATION	96-04-26	KOC							DRAWN			ANDERSON OIL & GAS INC.		CALGARY, ALBERTA, CANADA					
		2	ELEVATIONS ADJUSTED PER SURVEY DWGS.	96-04-10	KOC							CHECKED			PUSKWASKAU GAS PLANT		LSD. 3-26-74-01 W6M			1:500	D-95098-202	
		1	ISSUED W/ PLANT TENDER	96-04-10	KOC							PROCESS CK.										
		0	ISSUED FOR CONSTRUCTION	96-04-04	KOC							MECH. CK.										
		C	REQUIRED FINISHED GRADES SHOWN	96-02-29	KOC							STRUCT. CK.										
												ELECT. CK.										
												AOG APP.										
												AOG APP.										



DWG. NO.	REFERENCE DRAWINGS	REV	REVISIONS	DATE	BY	CHK'D	APP'D	AOG APP'D	ENGINEER AND PERMIT STAMPS				DESIGNED				PROJECT			
													DRAWN	GAS LIQUIDS ENG.	96-03-27		ANDERSON OIL & GAS INC. CALGARY, ALBERTA, CANADA			
													CHECKED				PUSKWASKAU GAS PLANT			
													PROCESS CK.				PLOT PLAN SHOWING NEW/EXISTING AREAS LSD. 3-26-74-01 W6M			
													MECH. CK.				JOB NO.			
													STRUCT. CK.				SCALE			
													ELECT. CK.				DWG. NO.			
													AOG APP.				1:400			
													AOG APP.				0-95098-203			
																	8			

GAS
 LIQUIDS
 ENGINEERING LTD.

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 Xref: master.dwg
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B ISSUED W/ GRADING CONSTRUCTION
 A ISSUED FOR APPROVAL

96-04-04 KOC
 96-03-27 KOC

JOB NO. SCALE DWG. NO.

