

SONOMA RESOURCES LTD.

**TALBOT LAKE COMPRESSOR STATION
LSD 04-03-96-10 W5M**

**TURNAROUND P&ID'S ISSUED
FOR SHUT DOWN ONLY
June 25, 2009**

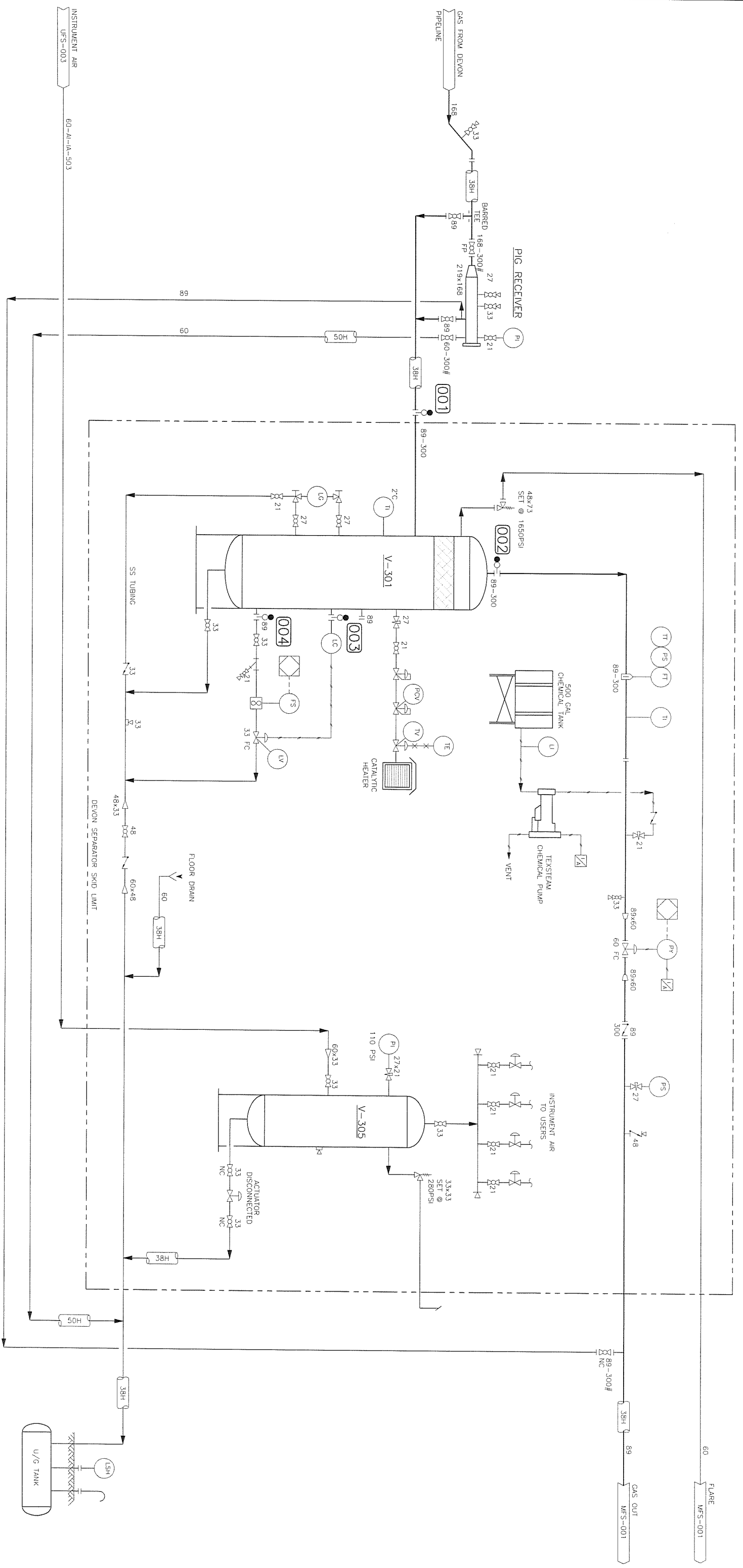


Calgary, Alberta
Canada

PROJECT No. CS09SRLO63

V-301
 MAWP: 740 PSI @ 100°F
 SIZE: 24" x 8'-0" 5/5
 (A) 3146097

V-305
 MAWP: 400 PSI @ 300°F
 SIZE: 21 1/2" x 3'-0" 5/5



REFERENCE DRAWINGS

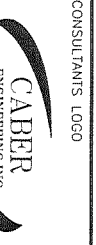
NUMBER	TITLE
UFS-003	60-AI-A-503

REVISIONS

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

NOTES

CHK'D	APP'D
SH	ME



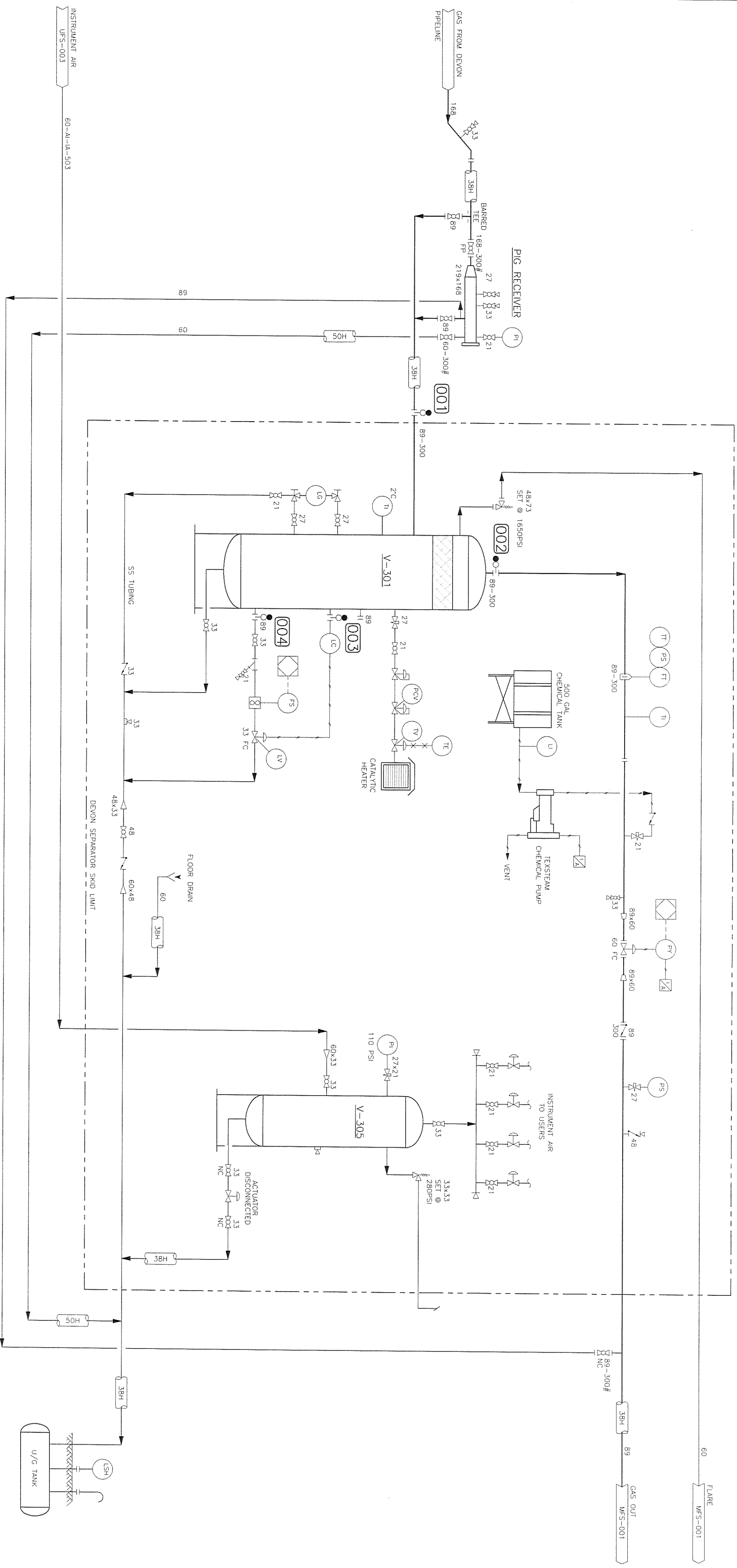
CONSULTANT'S LOGO
 SEAL
 PERMIT

SONOMA RESOURCES LTD
 04-03-96-10 WSM
 TALBOT LAKE COMPRESSOR STATION
 DEVON SEPARATOR PACKAGE
 PIPING & INSTRUMENTATION DIAGRAM

PROJ. NO.	DRAWN:	CHECKED:	APP'D:	DATE:	SCALE:	DRAWING NO.	REV.
9003	S. HAMPSON	M. ELLIOTT		09.04.22	NTS	D-TLC-220-101	1

V-301
 MAWP: 740 PSI @ 100°F
 SIZE: 24" φ x 8'-0" S/S
 A 3146097

V-305
 MAWP: 400 PSI @ 300°F
 SIZE: 219" φ x 3'-0" S/S



REFERENCE DRAWINGS

TITLE

NO. BY DATE

ISSUE

CHK'D APP'D

SH AS BUILT

ME

NOTES

CONSULTANT'S LOGO

SEAL

PERMIT

SCALE

DRAWING NO.

REV

DATE

PROJECT

SCALE

REV

NUMBER	TITLE	NO.	BY	DATE	ISSUE	CHK'D	APP'D
UFS-003	60-AI-IA-503	1	SH	09.04.22	AS BUILT	SH	ME

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

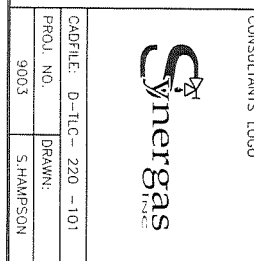
NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT

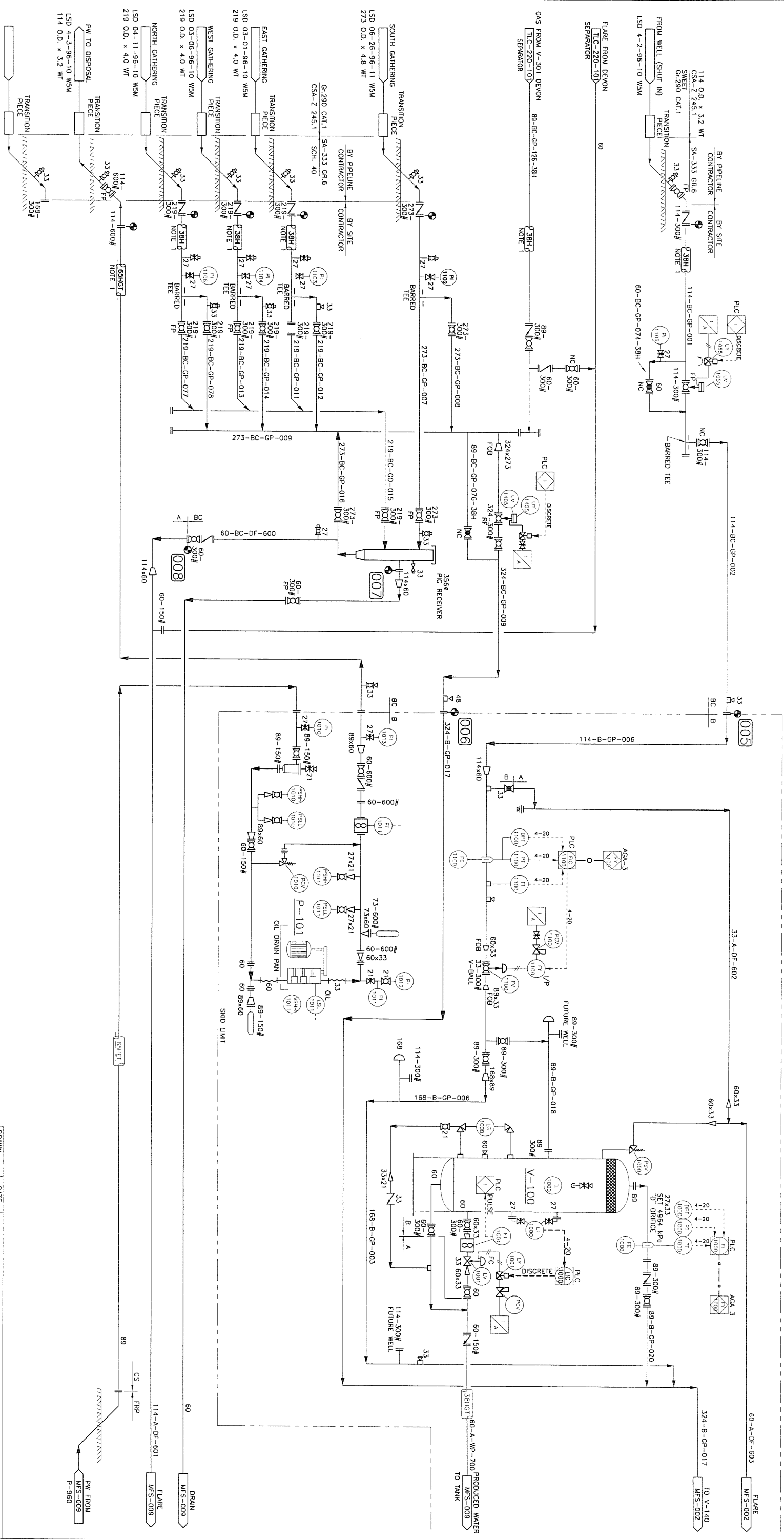
NO.	BY	DATE	ISSUE
1	SH	09.04.22	AS BUILT



CAD FILE: D-TLC-220-101
 PROJ. NO. 9003
 DRAWN: S.HAMPSON
 CHECKED: M.ELLIOTT
 DATE: 09.04.22
 SCALE: NTS

SONOMA RESOURCES LTD
 04-03-96-10 WSM
 TALBOT LAKE COMPRESSOR STATION
 DEVON SEPARATOR PACKAGE
 PIPING & INSTRUMENTATION DIAGRAM
 DRAWING NO. D-TLC-220-101

REV	DATE	BY	DESCRIPTION
1			



V-100
 TEST SEPARATOR
 DP: 5100 kPa
 DT: 38°C
 SIZE: 406mm O.D. x 2286mm S/S
 3114454

P-101
 PW DISPOSAL PUMP
 MAKE: WHEATLEY TRIPLEK
 TYPE: Z25M
 SIZE: 1 3/4"
 PRESS: 950PSI
 RATED: 11.3HP/274RPM

NOTES:
 1) INSULATE TO THE FIRST ELBOW BELOW GRADE (MIN 1500mm).

No	DATE	REVISIONS	DRAWN	CHK	APPD.	CLIENT APPL.
4	09.05.04	AS-BUILT PER FIELD MARK-UPS	SH	SH	MC	
3	96.03.28	AS-BUILT AS PER FIELD MARK-UP	RWG	BBL		
2	95.12.22	ISSUED FOR PLANT CONSTRUCTION	BBL			
1	95.11.25	ISSUED FOR MECHANICAL BID	BBL			
0	95.11.24	ISSUED FOR INLET SMD CONSTRUCTION	BBL			

DRAWN:	DATE:	APPROVED:	CLIENT APPROVAL:
BBL	95.10.03		
BBL	95.10.03		

PROJECT No: C95-090

CLIENT DWG. No: _____

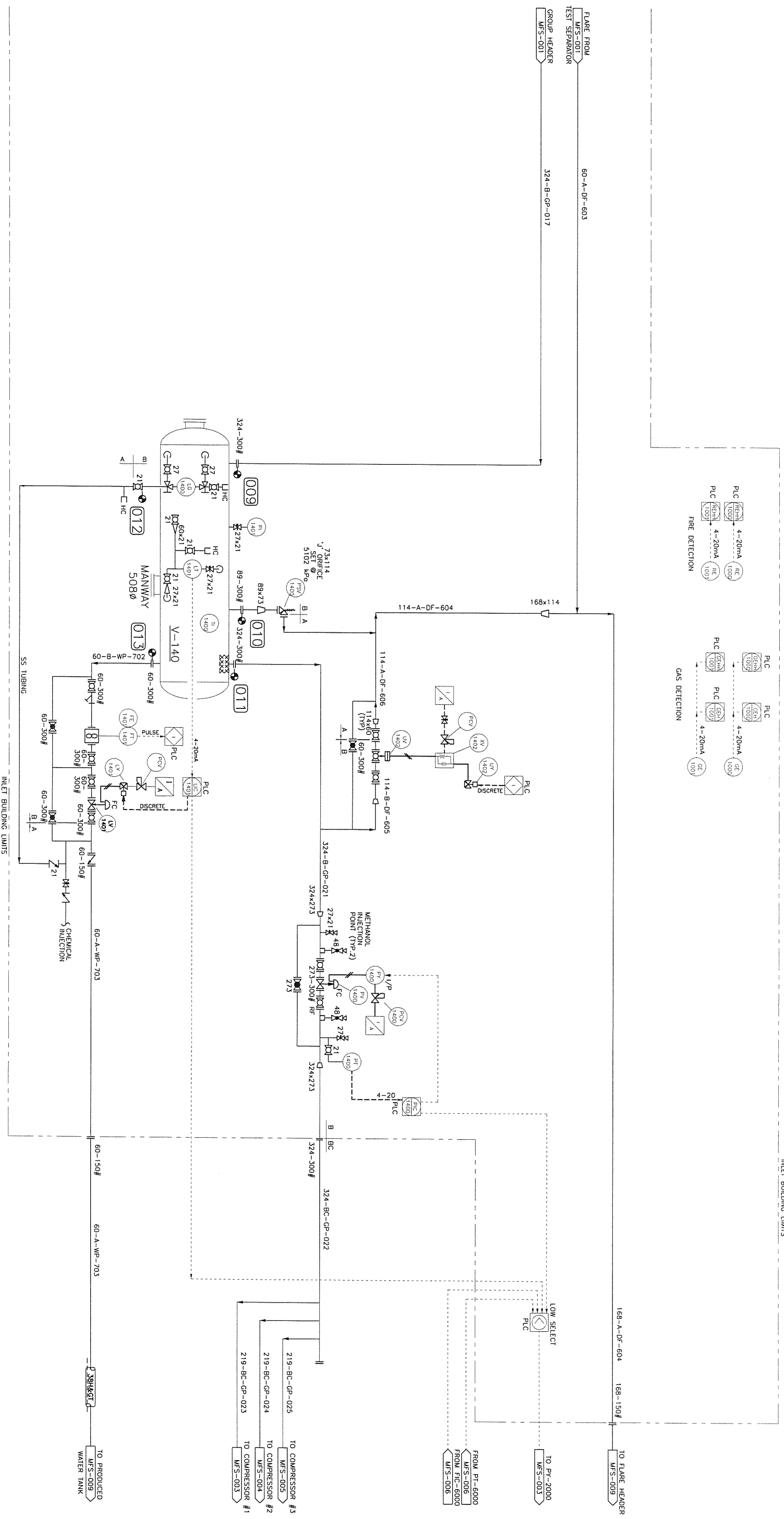
GENIUM DWG. No: C95-090-MFS-001

REV. 4

Gemini Engineering Ltd.
 PROJECT MANAGEMENT - DESIGN
 CALGARY, ALBERTA

Petrorstar Petroleum Inc.
 TALBOT LAKE COMPRESSOR STATION
 INLET / TEST SEPARATOR
 MECHANICAL FLOWSHEET

V-140
GROUP INLET SEPARATOR
 SIZE: 1830mmO.D. x 6096mmS/S
 D.P.: 5100 kPa
 D.T.: 38°C
 3114849



NOTES: 1.) 48mm DIA. INSTRUMENT AIR HEADER SHALL BE SUPPLIED IN BUILDING.

No	DATE	REVISIONS	DRAWN	CHK.	APPD.	CLIENT	APPL.
0	95.11.17	ISSUED FOR INLET SHD CONSTRUCTION	BBL				
1	95.11.25	ISSUED FOR MECHANICAL BD	BBL				
2	95.12.22	ISSUED FOR PLANT CONSTRUCTION	BBL				
3	96.03.27	AS-BUILT AS PER FIELD MARK-UP	RMC	SH	MC		
4	09.05.05	AS-BUILT PER FIELD MARK-UPS	JB	SH	MC		

PROJECT No:	G95-090	CLIENT DWG. No.:	
PROJECT No:	G95-090	CLIENT DWG. No.:	
PROJECT No:	G95-090	CLIENT DWG. No.:	
PROJECT No:	G95-090	CLIENT DWG. No.:	
PROJECT No:	G95-090	CLIENT DWG. No.:	

Approved: _____

Drawn: BBL **Checked:** BBL **Date:** 95.10.03

Client Approval: _____

Scale: NONE

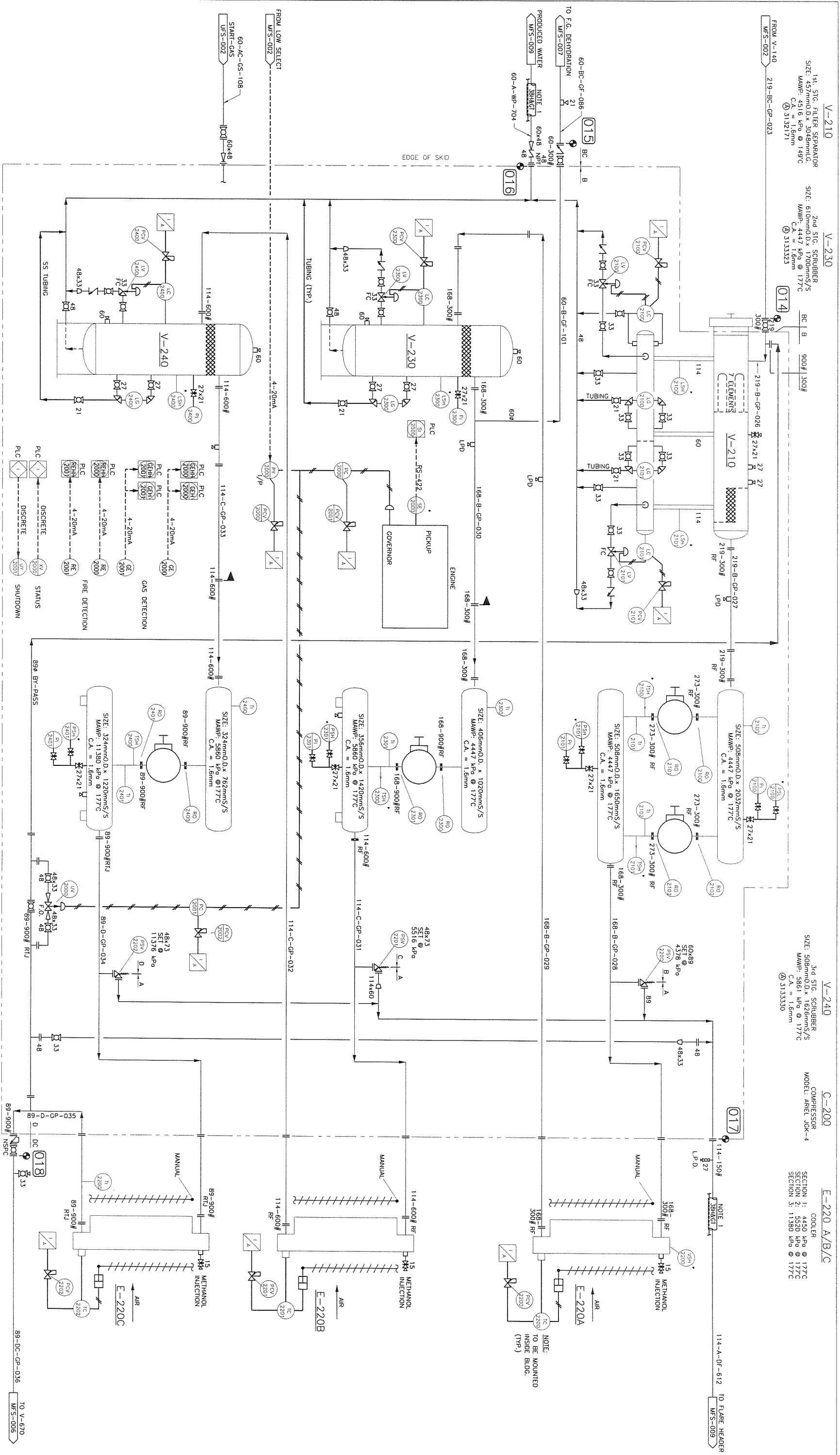
Project No: G95-090

Client DWG. No.: _____

Client Appr.: _____

Rev.: 4

Gemini Engineering Ltd.
 Petrostar Petroleum Inc.
 Talbot Lake Compressor Station
 Group Inlet Separator
 Mechanical Flowsheet
 Calgary, Alberta
 Project Management - Design



NOTES: 1.) INSULATE AND TRACE POCKETED PORTION OF LINE ONLY.
2.) * - DENOTES ELECTRICAL SIGNAL TO MICROCAARD II PANEL.

NO	DATE	REVISIONS
2	09.04.05	AS-BUILT PER FIELD MARK-UP
1	96.03.27	AS-BUILT AS PER FIELD MARK-UP
0	95.12.22	ISSUED FOR CONSTRUCTION

NO	DATE	REVISIONS

DATE	DATE	DATE
95.10.03	95.10.03	95.10.03

APPROVED: _____

CLIENT APPROVAL: _____

SCALE: NONE

PROJECT No: G95-090

CLIENT DWG. No: _____

PROJECT MANAGEMENT - DESIGN
CALGARY, ALBERTA

Geminini Engineering Ltd.

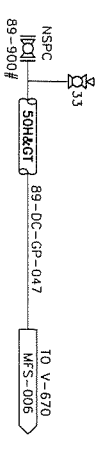
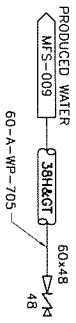
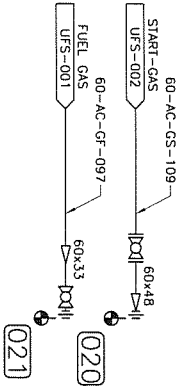
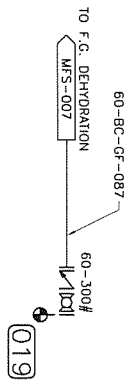
Petrostar Petroleum Inc.
TALBOT LAKE COMPRESSOR STATION
COMPRESSOR "1"
MECHANICAL FLOWSHEET

CLIENT DWG. No: G95-090-MFS-003

REV. 2

FROM V-140
MFS-002 219-BC-GP-024 75H>

114-150# 38H> 114-A-GF-613 TO FLARE HEADER
MFS-009



NOTES: 1.) INSULATE AND TRACE POCKETED PORTION OF LINE ONLY.
2.) * - DENOTES ELECTRICAL SIGNAL TO MICROGAUGE II PANEL.

No	DATE	REVISIONS
2	08.05.05	AS-BUILT PER FIELD MARK-UPS
1	96.03.27	AS-BUILT AS PER MARK-UP
0	95.12.22	ISSUED FOR CONSTRUCTION

DATE	DRAWN	CHK.	APPD.	CLIENT APPL.
	JB	SH	ME	
	RMG	BRL		

DRAWN: BRL DATE: 95.10.03
CHECKED: DATE:
APPROVED:
CLIENT APPROVAL:
SCALE: NONE
PROJECT No: G95-090

Gemini Engineering Ltd.

PROJECT MANAGEMENT - DESIGN
CALGARY, ALBERTA

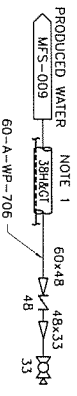
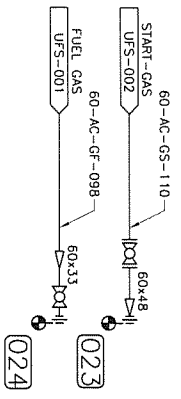
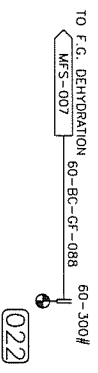
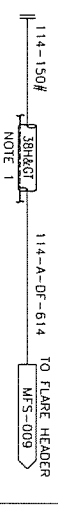
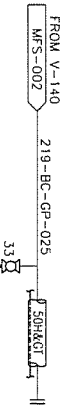
Petrostar Petroleum Inc.

TALBOT LAKE COMPRESSOR STATION

COMPRESSOR "2"

MECHANICAL FLOWSHEET

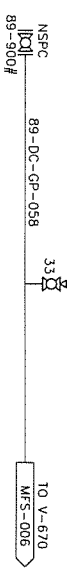
CLIENT DWG. No: -
GEMINI DWG. No: G95-090-MFS-004
REV: 2



NOTES: 1.) INSULATE AND TRACE POCKETED PORTION OF LINE ONLY.
 2.) * - DENOTES ELECTRICAL SIGNAL TO MICROCAURO II PANEL.

No	DATE	REVISIONS	DRAWN	CHK.	APPD.	CLIENT APPL.
2	09.05.05	AS-BUILT PER FIELD MARK-UPS	JB	SH	MC	
1	96.03.27	AS-BUILT AS PER FIELD MARK-UP	RAC			
0	95.12.22	ISSUED FOR CONSTRUCTION	BBL			

DRAWN: BBL DATE: 95.10.03
 CHECKED: DATE: 95.10.03
 APPROVED: _____
 CLIENT APPROVAL: _____
 SCALE: NONE
 PROJECT No: C95-090
 CLIENT DWG. No: _____
 CLIENT: Petrostar Petroleum Inc.
 PROJECT: TALBOT LAKE COMPRESSOR STATION
 MECHANICAL FLOWSHEET
 PROJECT MANAGEMENT - DESIGN
 CALGARY, ALBERTA

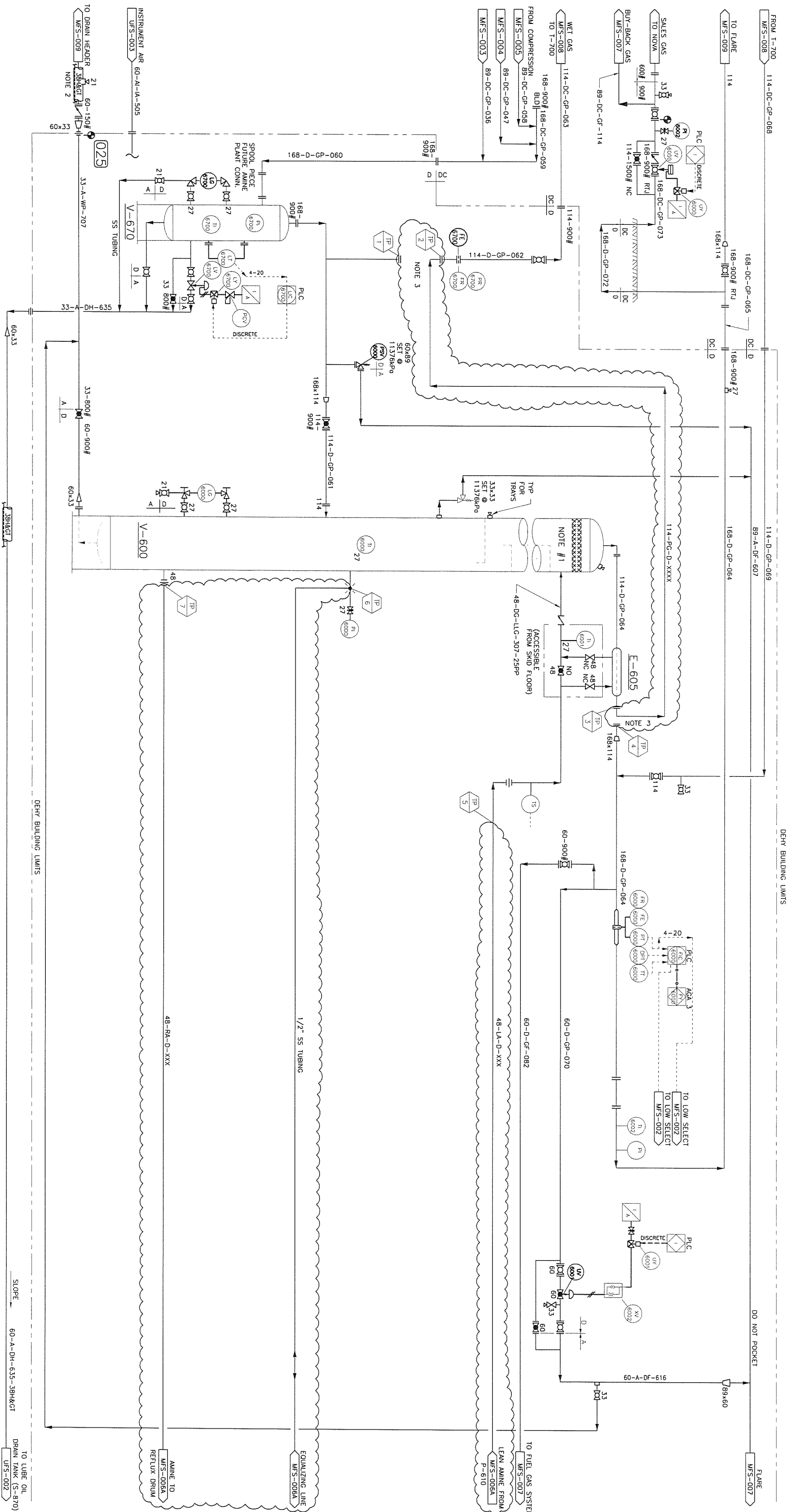


REV 2

V-670
 LUBE OIL SEPARATOR
 (CYCLONE SEPARATOR)
 SIZE: 508mm O.D. X 2440mm S/S
 D.P.: 11376 kPa @ 65.5°C
 O.P.: 975 kPa @ 49°C
 3151370

V-600
 GLYCOL CONDENSER
 GAS/GLYCOL EXCHANGER
 SIZE: 762mm O.D. X 5790mm S/S
 D.P.: 11376 kPa @ 65°C
 O.P.: 9750 kPa @ 49°C

E-605
 GLYCOL RECIPIER
 SIZE: 1066mm O.D. X 114mm I.D.
 DUTY: 293 kW/HR
 STILL COL.: 406mm O.D. X 2895mm I.G.
 REFLUX COL.: 406 mmPS X 2895 I.G.



NOTES:
 1.) PROVIDE 1m SPACING BETWEEN TRAY #1 AND MIST PAD.
 2.) INSULATE AND TRACE TO FIRST ELBOW BELOW GRADE (MIN. COVER 1500mm)
 3.) REMOVE VALVE FOR TIE-IN & BLIND

No	DATE	REVISIONS	DRAWN	CHK.	APPL.	CLIENT APPL.
3	09.06.23	AMINE CONVERSION - ISSUED FOR APPROVAL	BG	SH	MC	
2	09.05.05	AS-BUILT PER FIELD MARK-UP	JB	SH	MC	
1	96.03.28	AS-BUILT AS PER FIELD MARK-UP	RAG	SH	MC	
0	95.12.22	ISSUED FOR CONSTRUCTION	BBL			

DATE	DATE	DATE
95.10.03	95.10.03	95.10.03

DRAWN: BBL
 CHECKED: BBL
 APPROVED: BBL

Gemini Engineering Ltd.
 Petrostar Petroleum Inc.
 TALBOT LAKE COMPRESSOR STATION
 DEHYDRATION "1"
 MECHANICAL FLOWSHEET

PROJECT No: CS09SR1063
 CLIENT DWG. No: G95-090-MFS-006
 PROJECT MANAGEMENT - DESIGN
 CALGARY, ALBERTA

TO LUBE OIL
 DRAIN TANK (S-870)
 UFS-002

TO FUEL GAS SYSTEM
 MFS-007
 LEAN AMINE FROM
 MFS-006A
 P-610

EQUALIZING LINE
 MFS-006A

AMINE TO
 REFLUX DRUM

DEHY BUILDING LIMITS

DEHY BUILDING LIMITS

TO LOW SELECT
 MFS-002
 TO LOW SELECT
 MFS-002

TO FUEL GAS SYSTEM
 MFS-007

LEAN AMINE FROM
 MFS-006A
 P-610

EQUALIZING LINE
 MFS-006A

AMINE TO
 REFLUX DRUM

TO LUBE OIL
 DRAIN TANK (S-870)
 UFS-002

PROJECT No: CS09SR1063
 CLIENT DWG. No: G95-090-MFS-006
 PROJECT MANAGEMENT - DESIGN
 CALGARY, ALBERTA

DRAWN: BBL
 CHECKED: BBL
 APPROVED: BBL

Gemini Engineering Ltd.
 Petrostar Petroleum Inc.
 TALBOT LAKE COMPRESSOR STATION
 DEHYDRATION "1"
 MECHANICAL FLOWSHEET

PROJECT No: CS09SR1063
 CLIENT DWG. No: G95-090-MFS-006
 PROJECT MANAGEMENT - DESIGN
 CALGARY, ALBERTA

H-650
GLYCOL RECEN.
SIZE: 1066mm O.D. x 5485mm LG.
DUTY: 293 kW/HR
STILL COL.: 406mm O.D. x 2895mm LG.
REFLUX COL.: 408 MFS X 2895 LG.

P-610
AMINE CHARGE PUMP
CONNECTION SIZES: 48mm

F-630
GLYCOL PARTICULATE FILTER
MAKE: NOMALTA
MODEL: 1572N144NBNT
D.P.: 1033 kPa @ 120°C

F-640
GLYCOL CHARCOAL FILTER
MAKE: NOMALTA
MODEL: 1C11C
D.P.: 690 kPa @ 120°C

E-660
AIR / GLYCOL EXCHANGER
SIZE: 37mm O.D. x 3048mm S/S
2 PASSES

E-665
REFLUX CONDENSER
SIZE: ---mm O.D. x ---mm S/S
DUTY: 62kW/HR

P-605
AMINE BOOSTER PUMP

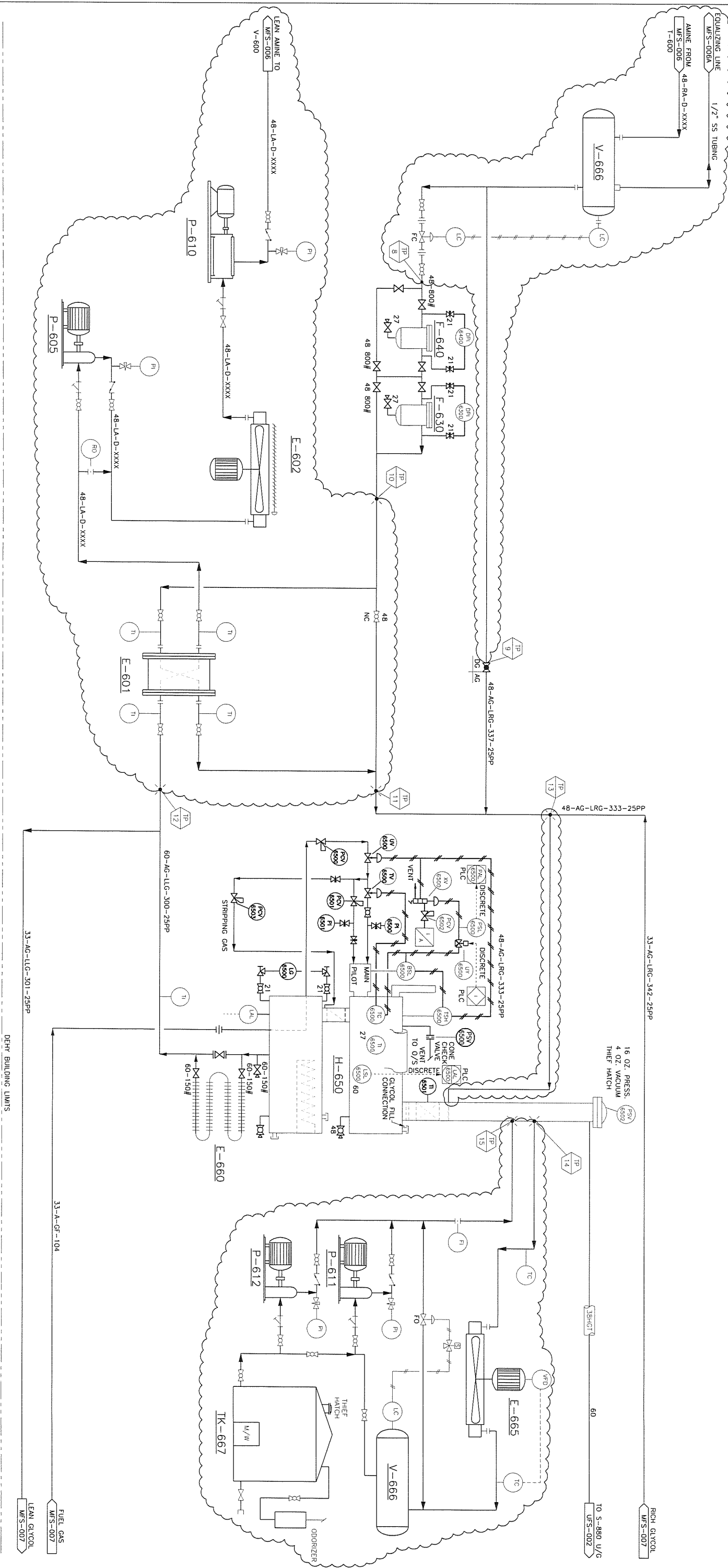
TK-667
WATER MAKE UP TANK

E-601
LEANRICH EXCHANGER

E-602
LEAN AMINE COOLER

V-666
AMINE REFLUX DRUM

DEHY BUILDING LIMITS



NOTES: 1) PROVIDE 1m SPACING BETWEEN TRAY #1 AND MIST PAD.
2) INSULATE AND TRACE TO FIRST ELBOW BELOW GRADE (MIN. COVER 1500mm)

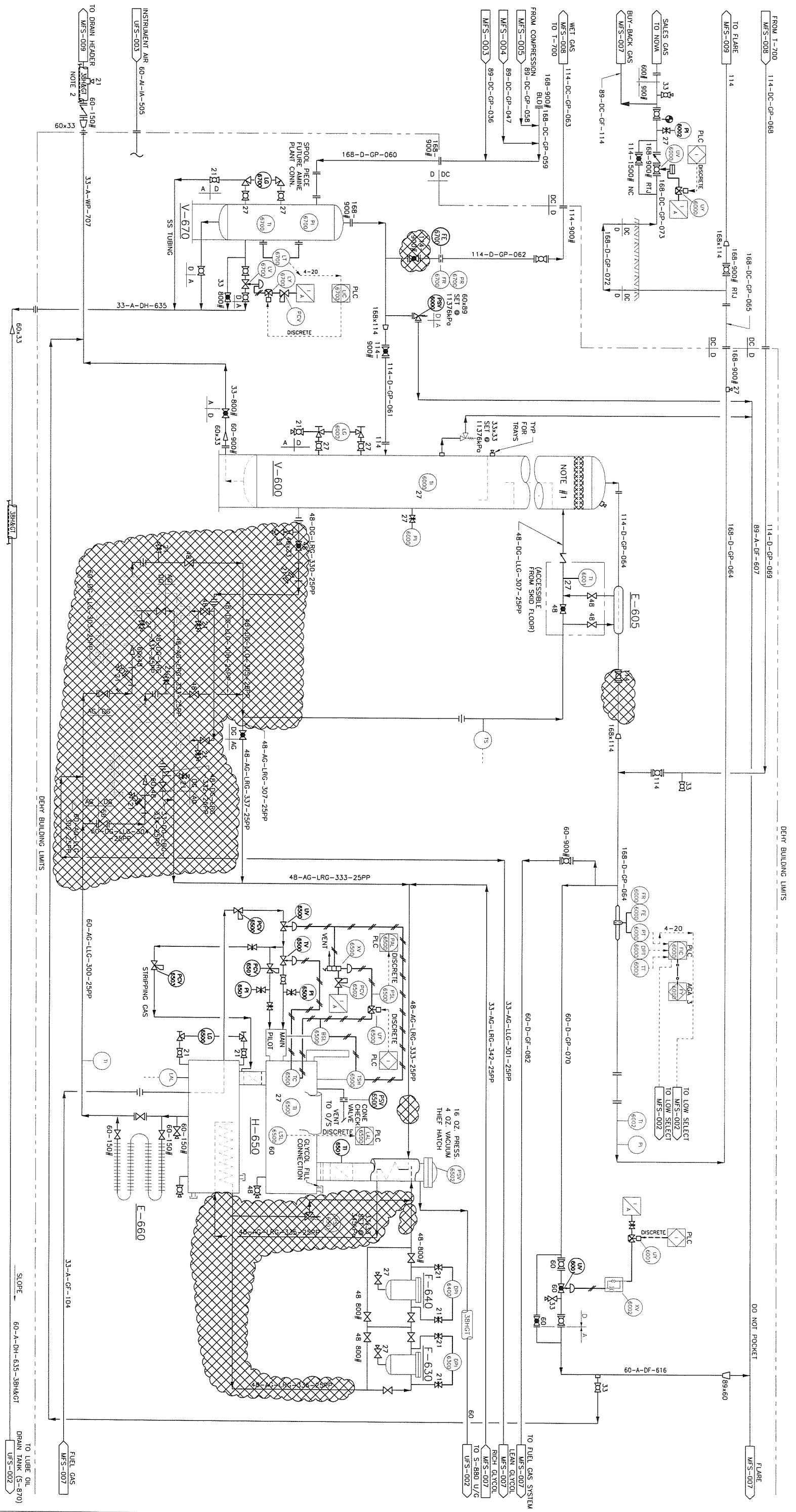
NO	DATE	REVISIONS	DRAWN	CHK.	APPD.	CLIENT APPR.
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2	09.05.05	AS-BUILT PER FIELD MARK-UP	JG	SH	ME	
1	96.03.28	AS-BUILT AS PER FIELD MARK-UP	RMG			
0	95.12.22	ISSUED FOR CONSTRUCTION	BBL			

DATE	DATE	DATE
09.06.15	09.06.15	09.06.15

DRAWN: JSB	DATE: 09.06.15	APPROVED:	CLIENT APPROVAL:
CHECKED:	DATE:	SCALE: NONE	PROJECT NO: CS09SRLO63
PROJECT NO: CS09SRLO63		CLIENT DWG. NO: -	CLIENT APPROVAL:

PROJECT MANAGEMENT - DESIGN	PROJECT NO: CS09SRLO63	CLIENT DWG. NO: -	CLIENT APPROVAL:
CALGARY, ALBERTA	GEMINI ENGINEERING LTD.	GEMINI DWG. NO: 695-090-MFS-006A	REV: 3

- V-670** LUBE OIL SCRUBBER (CYCLONE SEPARATOR) SIZE: 762mm O.D. x 5790mm S/S D.P.: 11376 kPa @ 65.5°C O.P.: 975 kPa @ 49°C
- V-600** GLYCOL CONDENSER GAS/GLYCOL EXCHANGER SIZE: 166mm O.D. x 5485mm L.G. D.P.: 11376 kPa @ 65.5°C O.P.: 975 kPa @ 49°C
- E-605** GLYCOL EXCHANGER SIZE: 106mm O.D. x 5485mm L.G. D.P.: 11376 kPa @ 65.5°C O.P.: 975 kPa @ 49°C
- H-650** GLYCOL REFR. SIZE: 106mm O.D. x 5485mm L.G. D.P.: 11376 kPa @ 65.5°C O.P.: 975 kPa @ 49°C
- P-610 A/B** 3-Phase, 450V, 75 HP MOTOR
- F-630** GLYCOL PARTICULATE FILTER MAKE: NOMALTA MODEL: 1572N144NBIT D.P.: 1033 kPa @ 120°C
- F-640** GLYCOL CHARCOAL FILTER MAKE: NOMALTA MODEL: 10L1C D.P.: 690 kPa @ 120°C
- E-660** AIR / GLYCOL EXCHANGER SIZE: 32mm O.D. x 3048mm S/S 2 PASSES



NOTES: 1.) PROVIDE 1m SPACING BETWEEN TRAY #1 AND MIST PAD.
2.) INSULATE AND TRACE TO FIRST ELBOW BELOW GRADE (MIN. COVER 1500mm)

No	DATE	REVISIONS	DRAWN	CHK.	APPR.	CLIENT APPL.
3	09.06.23	NAME CONVERSION - ISSUED FOR QUANTIFICATION	BC	SH	ME	
2	09.05.05	AS-BUILT PER FIELD MARK-UP	JG	SH	ME	
1	96.03.28	AS-BUILT AS PER FIELD MARK-UP	RUG	SH	ME	
0	95.12.22	ISSUED FOR CONSTRUCTION	BBL			

DEMOLITION

DRAWN: BBL	DATE: 95.10.03	APPROVED:
CHECKED:	DATE:	
CLIENT APPROVAL:		
SCALE: NONE		
PROJECT NO: CS09SR10.63	CLIENT DWG. NO: _____	
	GENIUM DWG. NO: G95-090-MFS-0060	

Gemini Engineering Ltd.

Petrostor Petroleum Inc.

TALBOT LAKE COMPRESSOR STATION

DEHYDRATION "1"

MECHANICAL FLOWSHEET DEMOLITION

PROJECT MANAGEMENT - DESIGN

CALGARY, ALBERTA

I-700
GLYCOL CONTACTOR
C/W INTEGRAL SCRUBBER
SIZE: 762mm O.D. X 7925mm S/S
D.P.: 11376 kPa @ 65°C
O.P.: 9750 kPa @ 49°C
① 3151411

E-705
GLYCOL EXCHANGER
SIZE: 1688 OUTER PIPE
SIZE: 1148 INNER PIPE
DUTY: 293 kW/HR
REFLUX COLL.: 406mm OD X 2895mm LG.

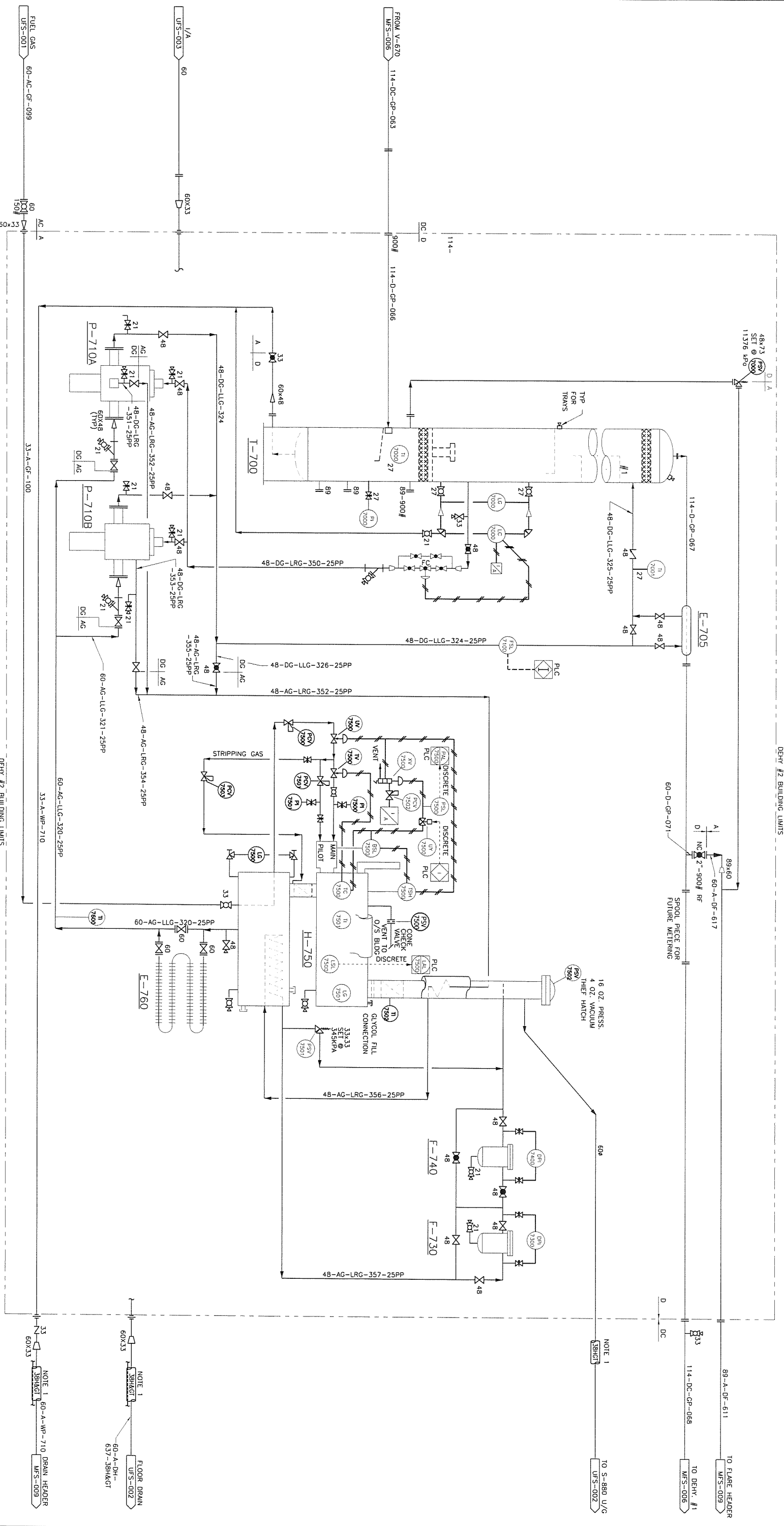
H-750
GLYCOL REGEN.
SIZE: 1066mm O.D. X 5486mm LG.
DUTY: 293 kW/HR

P-710 A/B
GLYCOL PUMPS
KIRKAY 45015 PV
CONNECTION SIZES: 48#

E-760
FLUID EXCHANGER
SIZE: 406mm O.D. X 3048mm LG.
2 PASSES

E-740
GLYCOL FILTER
NOWALTA MODEL: CL1N
MWP: 1034 kPa

E-730
GLYCOL FILTER
NOWALTA MODEL: 1572H
MWP: 9928 kPa



NOTES: 1.) INSULATE AND TRACE TO FIRST ELBOW BELOW GRADE (MIN. COVER 1500mm)

REV.	NO.	DATE	REVISIONS
1	09.05.05	AS-BUILT PER FIELD MARK-UPS	JB SH ME
2	96.03.28	AS-BUILT AS PER FIELD MARK-UP	RAC BBL
0	95.12.22	ISSUED FOR CONSTRUCTION	BBL

DATE	DATE	DATE
95.10.03	95.10.03	95.10.03

Genini Engineering Ltd.
PROJECT MANAGEMENT - DESIGN
CALGARY, ALBERTA

Petrostar Petroleum Inc.
TALBOT LAKE COMPRESSOR STATION
DEHYDRATION "2"
MECHANICAL FLOWSHEET

CLIENT	CLIENT DWG. NO.	REV.
GENINI	G95-090-MFS-008	2

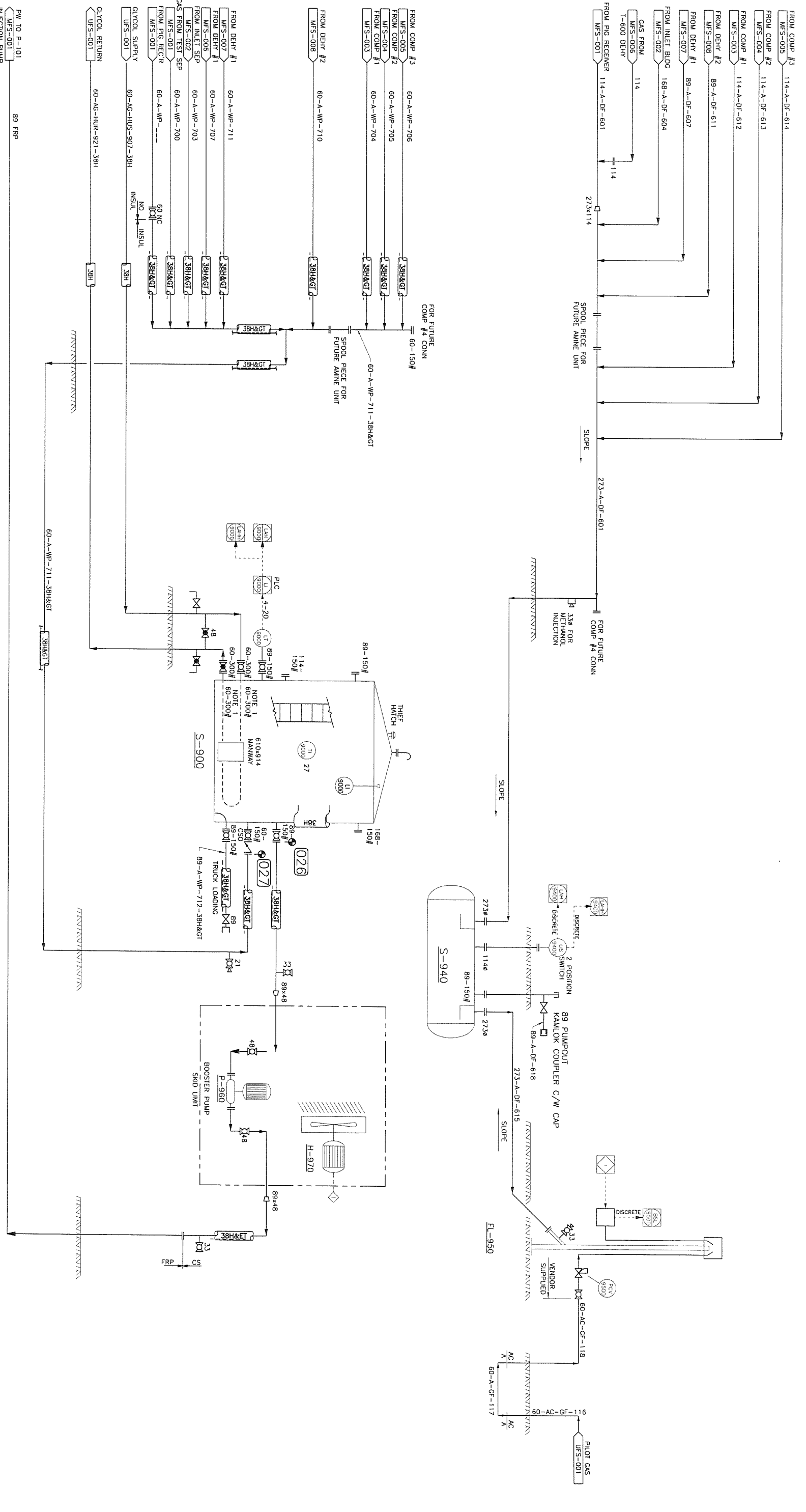
S-900
 PRODUCED WATER STORAGE TANK
 4775mm OD x 7315mm HIGH
 CAPACITY: 7500BBL
 INTERNALLY COATED W/DEVCO 253

S-940
 FLARE KO DRUM
 DOUBLE WALL FIBREGLASS
 2590mm OD x 2525mm S/S

FL-950
 FLARE STACK
 273mm O.D. x 27.430mm HIGH

P-960
 PW BOOSTER PUMP
 GRUNDFOS CR-5
 TYPE: CR-5 A-FQ-A-T-H30E
 MODEL: 150/08/2501RPA/080413
 SPEC: 30.386PM/36.35V/248F
 MOTOR: 2HP/480V/3PH/60HZ

H-970
 BUILDING HEATER
 ROUGHNECK
 MODEL: CX1

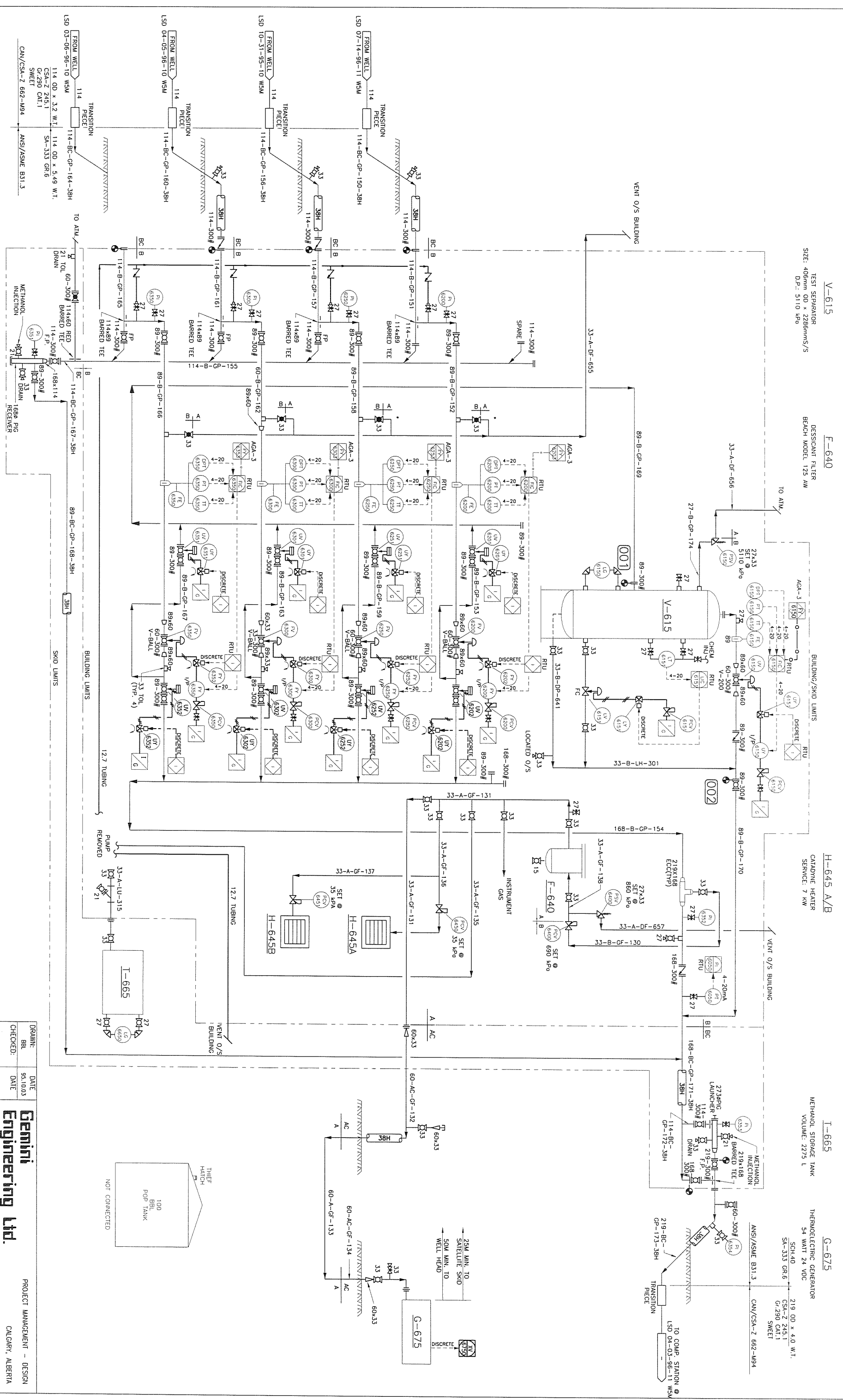


NOTES:
 1.) FLANGES ON GLYCOL COIL ARE 60-300# (FOR BOLT PATTERN ONLY)

No	DATE	REVISIONS
2	09.05.05	AS-BUILT PER FIELD MARK-UPS
1	96.03.28	AS-BUILT AS PER FIELD MARK-UP
0	95.12.22	ISSUED FOR CONSTRUCTION

DATE	BY	CHK.	APPD.	CLIENT
95.10.03	BBL	SH	MC	

DRAWN: BBL CHECKED: BBL DATE: 95.10.03	Gemini Engineering Ltd. Petrostar Petroleum Inc. PROJECT MANAGEMENT - DESIGN CALGARY, ALBERTA
APPROVED: [Signature] CLIENT: TALBOT LAKE COMPRESSOR STATION SCALE: NONE PROJECT No: G95-090	CLIENT: PETROSTAR PETROLEUMS INC. CLIENT DWG. No: G95-090-MFS-009 REV. 2



V-615 TEST SEPARATOR
 SIZE: 406mm OD x 2286mm S/S
 D.P.: 5110 kPa

F-640 DESSICANT FILTER
 BEACH MODEL 125 AW

H-645 A/B CATALYTIC HEATER
 SERVICE: 7 kW

I-665 METHANOL STORAGE TANK
 VOLUME: 2275 L

G-675 THERMOELECTRIC GENERATOR
 54 WATT 24 VDC
 SCHA40
 SA-333 GR.6
 CSA-2 245.1
 G.290 CAT.1
 SWEET
 219.00 X 4.0 W.T.
 CAN/CSA-Z 662-M94

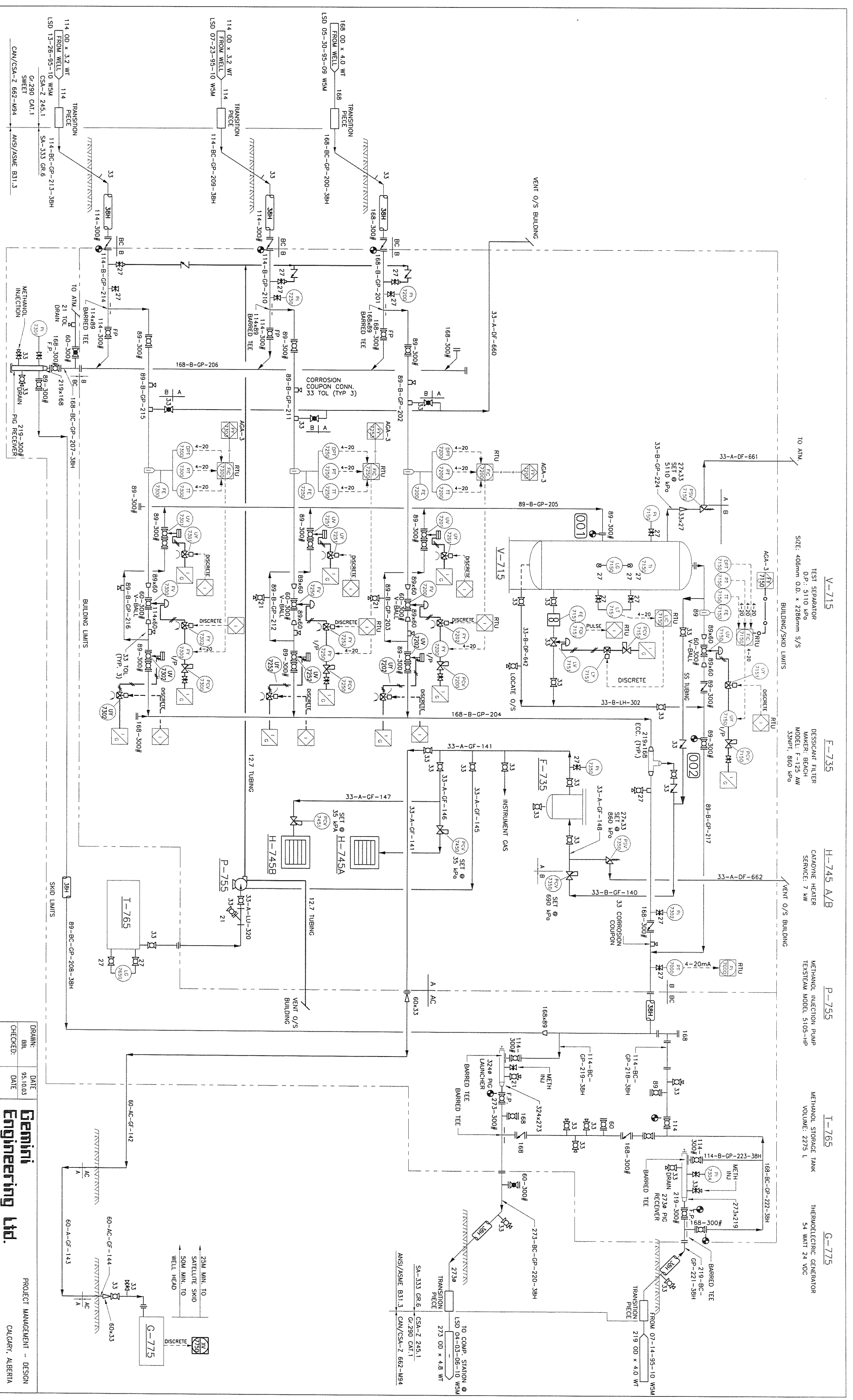
NOTES:
 1) VENT ALL INSTRUMENTS OUTSIDE OF BUILDING.
 2) * INDICATES LOW PRESSURE ACTUATOR

NO	DATE	REVISIONS	DRAWN	CHK.	APPD.	CLIENT APPL.
1	95.11.15	ISSUED FOR SATURATE SKID CONSTRUCTION	BBL			
2	96.01.04	PSV-6400 SETTING CHANGED	BBL			
3	96.03.27	AS BUILT AS PER FIELD MARK-UP	MG			
4	09.05.06	AS-BUILT PER FIELD MARK-UPS	JB	SH	ME	

DATE	DATE	DATE
DRAWN: BBL	95.10.03	
CHECKED: BBL		

APPROVED:	PROJECT MANAGEMENT - DESIGN
Gemini Engineering Ltd.	CALGARY, ALBERTA

CLIENT	PROJECT NO.	CLIENT DWG. NO.	REV.
TALBOT LAKE COMPRESSOR STATION SATURATE LSD 03-06-96-10 WSM MECHANICAL FLOWSHEET	095-0950	G95-090-MFS-052	4



NOTES:
 1) VENT ALL INSTRUMENTS OUTSIDE OF BUILDING.
 2) * INDICATES LOW PRESSURE ACTUATOR

FILE NAME: \A\B\G\SS000314.dwg
 PLOT DATE: 98.06.08

No	DATE	REVISIONS	DRAWN	CHK.	APPD.	CLIENT APPL.
0	95.11.15	ISSUED FOR SATTELITE SKID CONSTRUCTION	BBL	BBL		
1	96.01.03	SATTELITE LOCATION CHANGED	BBL			
2	96.01.19	RE-ASSUED FOR CONSTRUCTION	BBL			
3	96.03.27	AS BUILT AS PER FIELD MARK-UP	MG			
4	09.05.06	AS-BUILT PER FIELD MARK-UPS	JB	SH	ME	

DATE	DATE
95.10.03	95.10.03

APPROVED: **Gemini Engineering Ltd.**
 PROJECT MANAGEMENT - DESIGN
 CALGARY, ALBERTA

CLIENT: Petrostar Petroleum Inc.
 PROJECT: TALBOT LAKE COMPRESSOR STATION
 SCALE: SATTELITE LSD 06-26-95-10 WSM
 DRAWING: MECHANICAL FLOWSHEET
 PROJECT NO: G95-090
 CLIENT DWG. NO: -
 GEMINI DWG. NO: G95-090-MFS-053
 REV: 4

V-815 TEST SEPARATOR D.P.: 5110 KPa SIZE: 400mm O.D. x 2260mm S/S

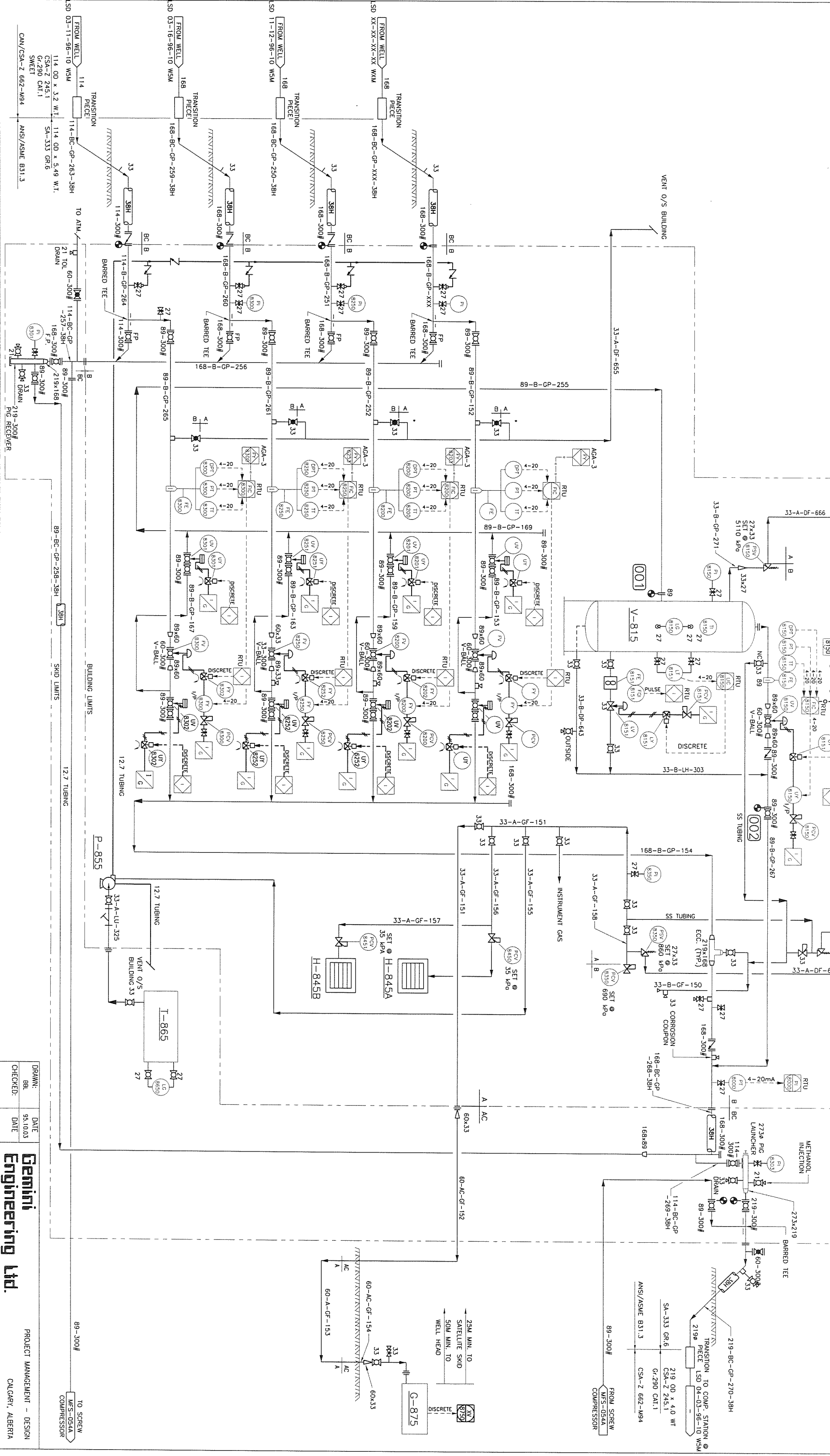
F-835 DESSICANT FILTER MADERN BEACH MODEL: F-125 AW 33NPI, 860 KPa

H-845 A/B CATAPHORE HEATER SERVICE: 7 KW

P-855 METHANOL INJECTION PUMP TEST/STEAM MODEL: 5103-HP

T-865 METHANOL STORAGE TANK VOLUME: 2275 L

G-875 THERMOELECTRIC GENERATOR 54 WATT 24 VDC



NOTES:

- VENT ALL INSTRUMENTS OUTSIDE OF BUILDING.
- * INDICATES LOW PRESSURE ACTUATOR

NO	DATE	REVISIONS	DRAWN	CHK.	APPD.	CLIENT APPR.
1	95.11.15	ISSUED FOR SATURITE SKID CONSTRUCTION	BBL	BBL		
2	96.01.03	SATURITE LOCATION CHANGED	BBL			
3	96.03.27	AS-BUILT AS PER FIELD MARK-UP	MG			
4	09.05.08	AS-BUILT PER FIELD MARK-UPS	JB	SH	WE	

DATE	DATE
95.10.03	

APPROVED:

CLIENT APPROVAL:

SCALE: NONE

PROJECT No: C95-090

CLIENT DWG. No: -

PROJECT MANAGEMENT - DESIGN CALGARY, ALBERTA

Gemini Engineering Ltd. Petrostar Petroleum Inc.

TALBOT LAKE COMPRESSOR STATION

SATELLITE LSD 04-11-96-10 W5M

MECHANICAL FLOWSHEET

CLIENT No: GEMINI DWG. No: C95-090-MFS-054

REV. 4

T-840
DRAIN
TANK
MANF: BILTON
SIZE: 30x48 S/5x1828 ID
509BBL

H-825A/B
CATALYTIC
HEATER

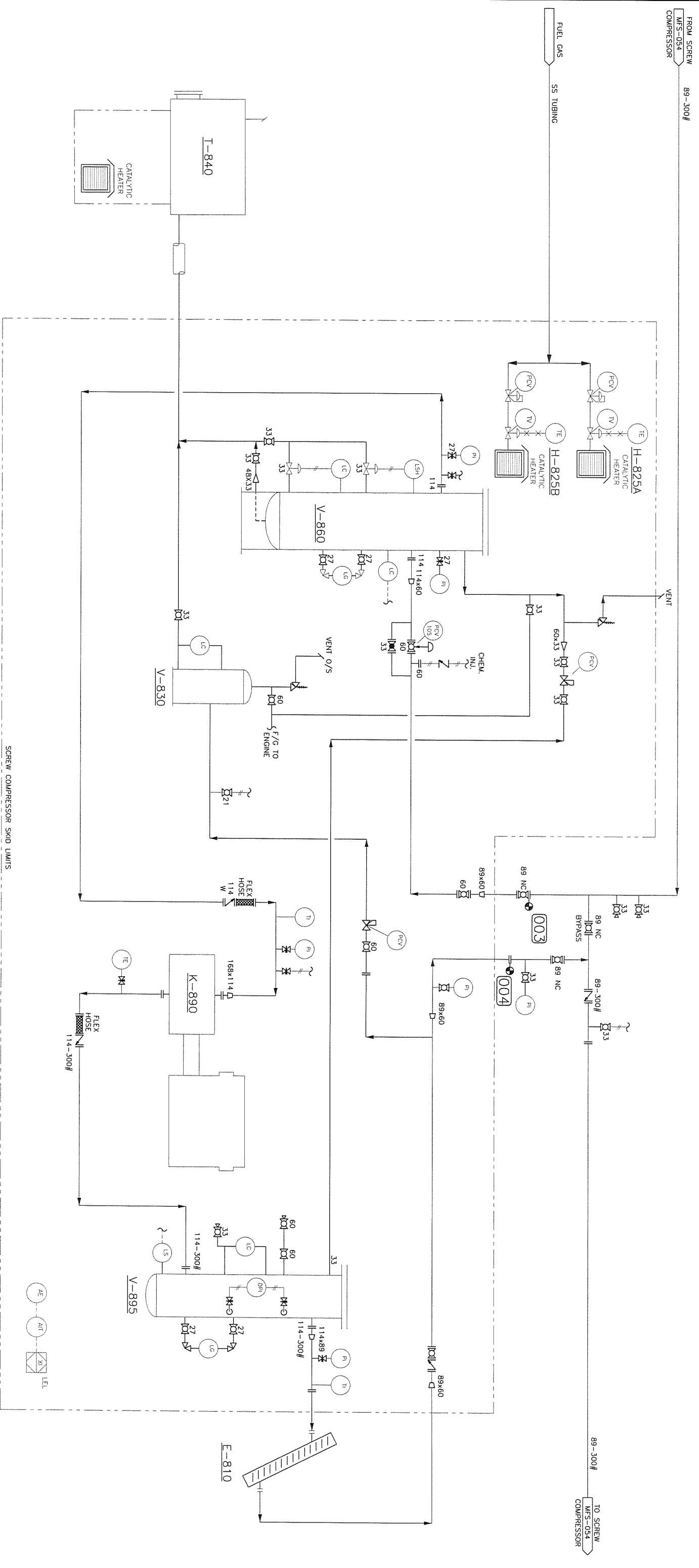
V-860
INLET
SEPARATOR
MANF: QUIN INDUSTRIES
MO SIZE: 406x1981
MAWP: 150PSI@120°F
S/N: 468759

V-830
FUEL GAS
SCRUBBER
MANF: OMNITECH
MO SIZE: 203x609
MAWP: 285PSI@100°F
CRN: 083917/2134
S/N: 2027/86

K-890
KOBELCO SCREW COMPRESSOR
SER: 19L370Y
MODEL: 19L

V-895
OUTLET OIL
SEPARATOR
MANF: QUIN INDUSTRIES
MO SIZE: 508x2184
MAWP: 400PSI@300°F
S/N: 463538

E-810
DISCHARGE COOLER



SCREW COMPRESSOR SKID LIMITS

REFERENCE DRAWINGS

NUMBER	TITLE	NO.	BY	DATE	ISSUE	CHK'D	APP'D
1		1	JB	09.05.11	AS-BUILT PER FIELD MARK-UPS	SH	ME

NOTES

NO.	DATE	ISSUE	CHK'D	APP'D
1	09.05.11	AS-BUILT PER FIELD MARK-UPS	SH	ME

CONSULTANT'S LOGO



SEAL

PERMIT

SCALE:

SONOMA RESOURCES LTD
04-11-96-10 WSM

TALBOT LAKE COMPRESSOR STATION
INLET COMPRESSOR
MECHANICAL FLOWSHEET

DRAWING NO. G95-090-MFS-054A
REV. 1

CAD FILE: G95-090-MFS-054A
PROJ. NO. 9003

CHECKED: SH
DATE: 09.05.11

SCALE: N.T.S.

DATE: 09.05.11

