

**T-710
POP/WATER TANK**

MAKE: ZCL
MODEL: P86V DOUBLE WALL FIBRE GLASS
SIZE: 2489mm X 3794mm LG
CAPACITY: 100 BBL

**T-700
METHANOL STORAGE TANK**

MAKE: WESTEL
SIZE: 1270mm X 3658mm LG
CAPACITY: 1000 GALLONS C/W STAND,
VENT & FILL CAP
DOUBLE WALL

**V-100
INLET SEPARATOR**

SIZE: 24" OD X 7'-6" S/S
DESIGN: 1440 PSIG @ -20/100°F, 1/16" CA
3 PHASE DESIGN, DRESSED 3 PHASE
RADIOGRAPHY: RT-1
PWHT: N/R

**P-500
METHANOL INJECTION PUMP**

MODEL: BRUIN 5113-LP2511
PLUNGER SIZE: 3/8"
PACKING: BUNA HARD PACKING

**P-600
METHANOL INJECTION PUMP**

MODEL: BRUIN 5015-LP2511
PLUNGER SIZE: 1/2"
PACKING: BUNA HARD PACKING

**V-140
FUEL GAS SCRUBBER**

SIZE: 219.1mm O.D. X 762mm S/S
DESIGN: 150 PSIG @ -20/100°F, 1/16" CA
RADIOGRAPHY: NONE
PWHT: N/R

**BH-850/851/852/853
BUILDING HEATER**

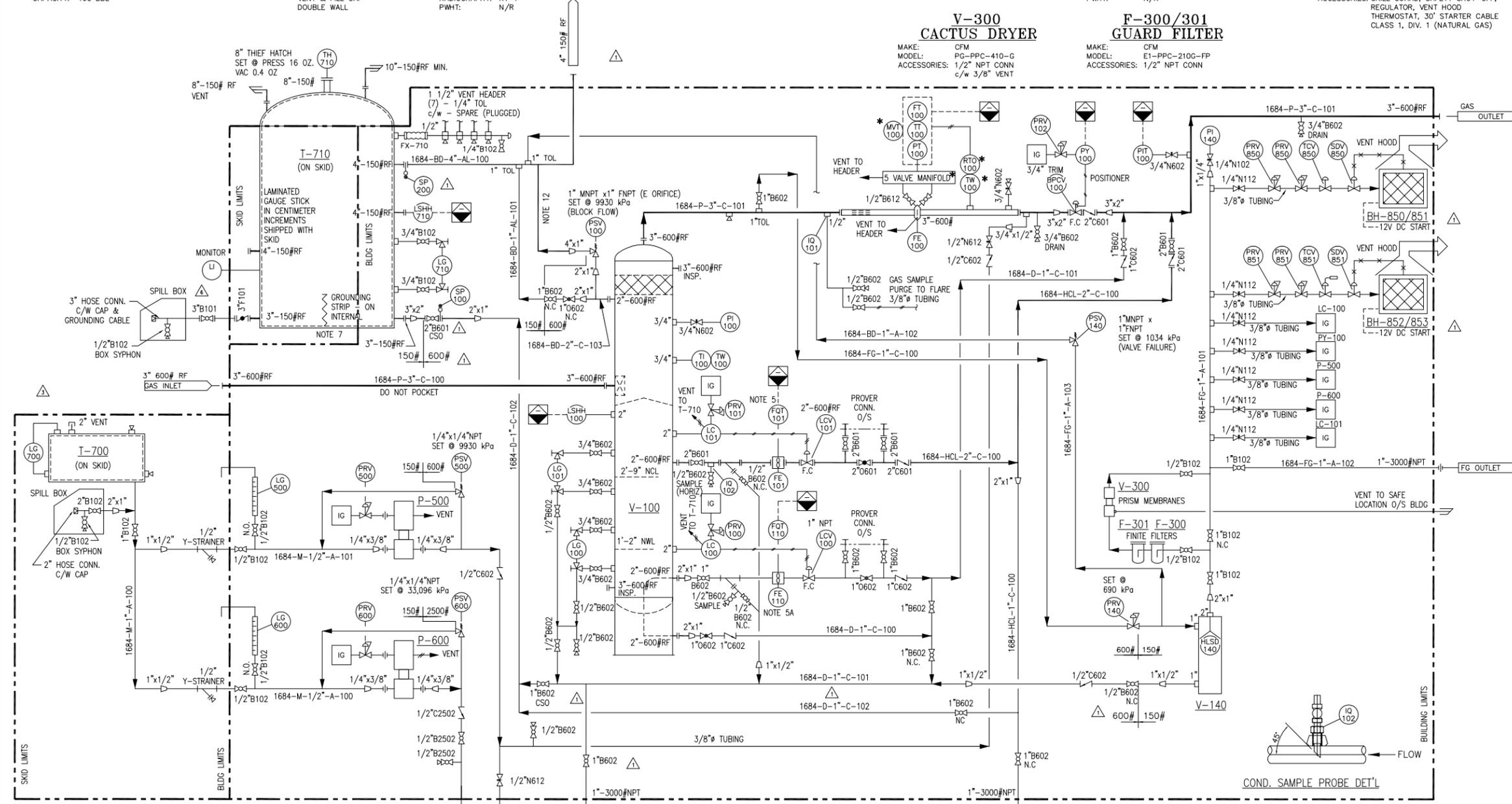
MAKE: CCI
MODEL: B12-24CG
DUTY: 12,000 BTU/HR
ACCESSORIES: GRILL GUARD, SAFETY SHUT-OFF,
REGULATOR, VENT HOOD
THERMOSTAT, 30' STARTER CABLE
CLASS 1, DIV. 1 (NATURAL GAS)

**V-300
CACTUS DRYER**

MAKE: CFM
MODEL: PG-PPC-410-G
ACCESSORIES: 1/2" NPT CONN
c/w 3/8" VENT

**F-300/301
GUARD FILTER**

MAKE: CFM
MODEL: E1-PPC-210G-FP
ACCESSORIES: 1/2" NPT CONN



- PIPING AND TUBING PRESSURE TEST:**
- HYDRO TEST PRESSURE FOR 600 ANSI IS 2220 PSIG, TEST MEDIUM, METHANOL/H₂O (50/50)
 - HYDRO TEST PRESSURE FOR 150 ANSI IS 428 PSIG, TEST MEDIUM, METHANOL/H₂O (50/50)
 - PNEUMATIC TEST PRESSURE (AIR) FOR INSTRUMENT TUBING IS 110 PSIG
- * DENOTES SUPPLY BY OTHERS

- NOTES:**
- INSTRUMENT AND PROCESS TUBING:
3/8" SA269 316SS (0.035" WT) C/W 316 SS COMPRESSION FITTINGS
 - DRAIN TUBING:
3/8" SA269 316SS (0.035" WT) C/W 316 SS COMPRESSION FITTINGS
 - METHANOL INJECTION SYSTEM TUBING:
3/8" SA269 316SS (0.035" WT) C/W 316 SS COMPRESSION FITTINGS FOR 600#
3/8" SA269 316SS (0.065" WT) C/W 316 SS COMPRESSION FITTINGS FOR 2500#

- ALL VENTING CONTROLS & INSTRUMENTS SHALL BE VENTED TO 1 1/2" VENT HEADER.
- MINIMUM STRAIGHT PIPE REQUIRED 20" UPSTREAM AND 10" DOWNSTREAM
- MINIMUM STRAIGHT PIPE REQUIRED 10" UPSTREAM AND 5" DOWNSTREAM
- SPILL BOX C/W 3" OR 2" HOSE CAMLOCK CONNECTION, CAP AND GROUNDING CABLE.
- GROUNDING STRIP-ON INTERNAL

- LAMINATED GAUGE CHART AND GAUGE STICK IN CENTIMETER INCREMENTS TO BE SHIPPED WITH UNIT.
- POSITION HEATER AS FAR AS POSSIBLE FROM BUILDING WALL.
- END OF TW-101 TO BE CUT 45° FACING DOWN.
- LOW TEMP. MATERIAL SHOULD BE USED FOR PIPING O/S BUILDING.
- LOW TEMP. MATERIAL TO BE USED FOR PSV OUTLET PIPING

NOTES FROM PIPING LINE CLASS (C):

-
- STUDS MUST BE LUBRICATED WITH A MOLYBDENUM BASED LUBRICANT PRIOR TO ASSEMBLY.

AS BUILT

(10) REQ'D
TIME CARD
12-159 TO 168-PPS

REV.	DESCRIPTION	PM	ENG	DATE	BY	DATE
AS BUILT		CD	ET	13-05-15	KF	13-05-15
REMOVED NOTE 1 FROM PIPING LINE CLASS (C)		CD	ET	13-03-25	KF	13-03-25
REVISED VALVE QTY		CD	ET	12-09-10	KF	12-09-10
ADDED LEVEL GAUGE ON METHANOL TANK		DD	ET	12-05-18	HS	12-05-18
ISSUED FOR CONSTRUCTION		DD	ET	12-04-19	LD	12-04-19
REVISED AS PER CUSTOMER'S MARK UP		DD	ET	12-03-30	LD	12-03-30

PROJECT CO-ORDINATOR CHECKED: DATE: BY:

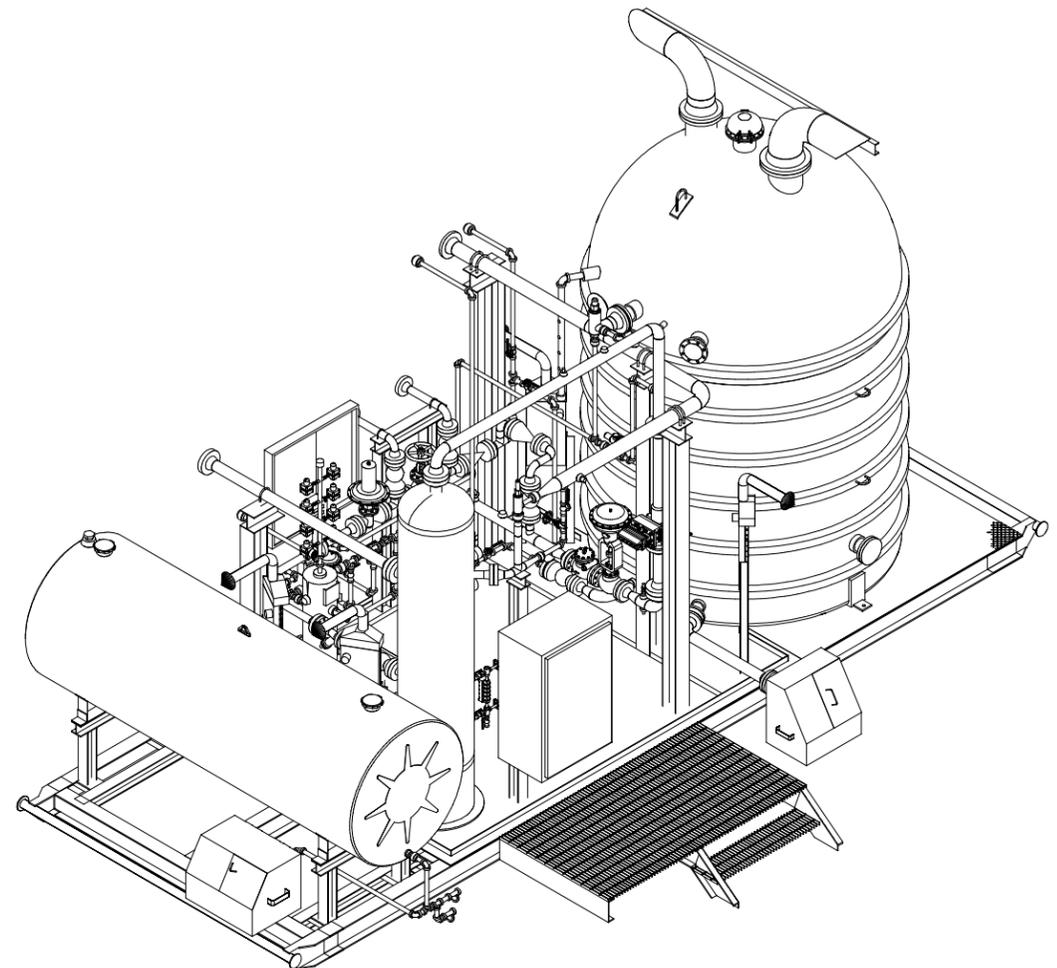
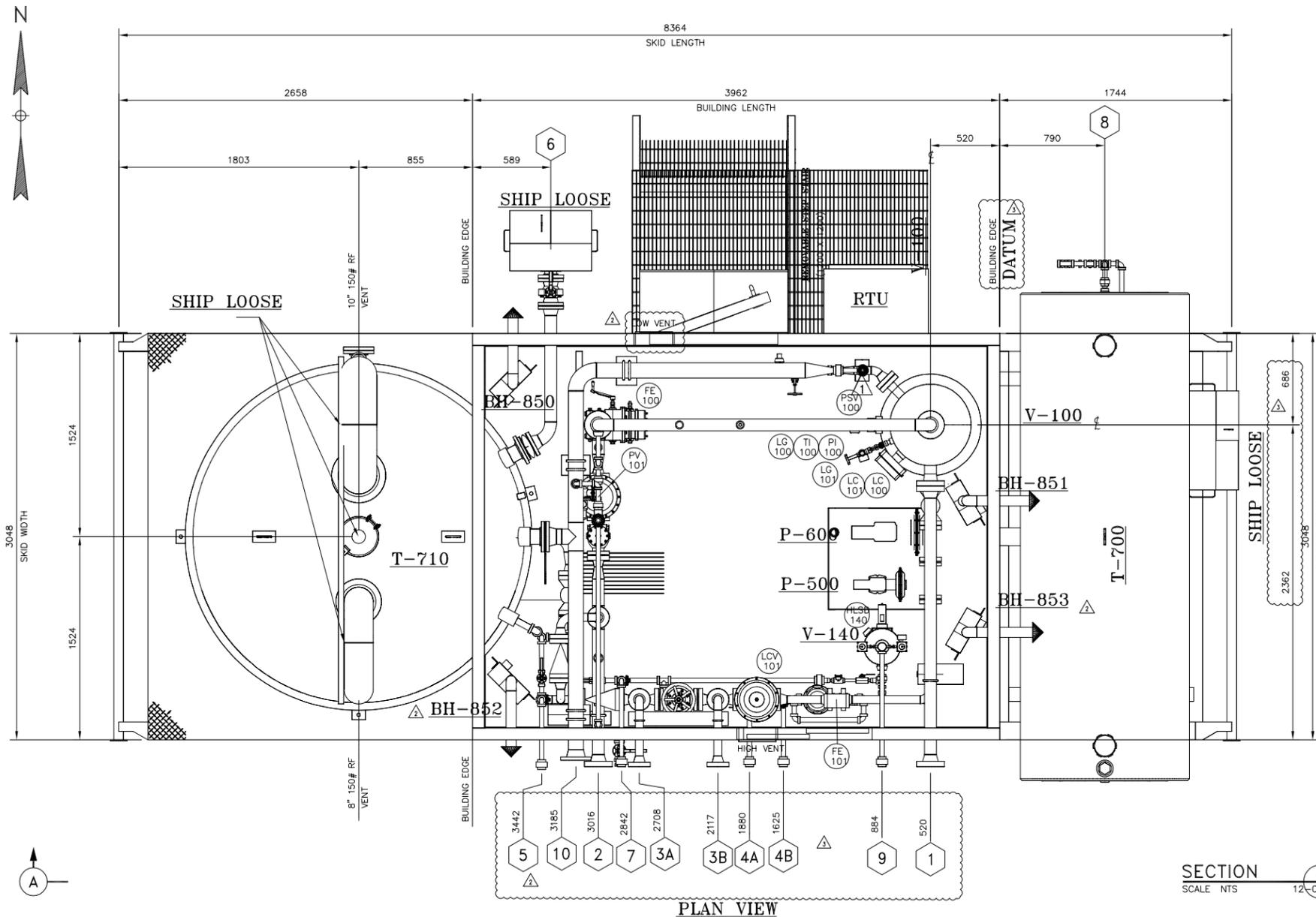


BILL OF MATERIAL		
TAG#	QTY	DESCRIPTION
FE-100	1	3" 600# RF NUFLO SENIOR ORIFICE FTG, AGA 1991 c/w SCH. 80 METER RUN, (2) 3/4" 3000# AND (1) 1" 3000# TOLS DOWNSTREAM CONNECTIONS, FIG SC, FLANGED ENDS.
PT/TT/FT/* TW-100	1	(SUPPLIED BY OTHER)
FE/FQT-110	1	1" X 1" MNPT NUFLO EZ-IN WAFER STYLE TURBINE METER, c/w MC-111 FLOW ANALYZER, EXPL. PROOF, PULSE OUTPUT, 4-20mA OUTPUT AND MAGNETIC PICK-UP, M3/DAY REGISTER.
FE/FQT-101	2	2" X 2" 600 ANSI, NUFLO TURBINE METER, c/w MC-111 FLOW ANALYZER, EXPL. PROOF, PULSE OUTPUT, 4-20mA OUTPUT AND MAGNETIC PICK-UP, M3/DAY REGISTER.
HLSD-140	1	2" NPT E.O.B FGSOVS2K12SS-02 HIGH LIQUID LEVEL SHUT OFF VALVE.
LSHH-710	1	2" NPT SOR ELECTRIC LEVEL SWITCH MODEL 1510B-G2A-C-W9-ES-CS-CV 24 VDC, EXPL. PROOF.
LC-100	1	2" NPT FISHER L2 LIQUID LEVEL CONTROLLERS, 3-15 PSIG RANGE, 1 7/8" X 12" LG PVC VERTICAL DISPLACERS, SNAP DIRECT ACTING, SWEET.
LC-101	1	2" NPT FISHER L2 LIQUID LEVEL CONTROLLERS, 3-15 PSIG RANGE, 1 7/8" X 12" LG PVC VERTICAL DISPLACERS, SNAP DIRECT ACTING, SWEET.
LCV-100	1	1" 900# NPT FISHER D2 LEVEL CONTROL VALVE, 1/4" M-FORM TRIM, FC, SIZE 40 ACTUATOR, 0-33 PSIG OPERATING RANGE, SWEET.
LCV-101	1	2" 600# RF FISHER D3 LEVEL CONTROL VALVE, 3/4" M-FORM TRIM, FC, SIZE 40 ACTUATOR, 0-35 PSIG OPERATING RANGE, F.C. SWEET.
LG-100	1	DANIEL 41TL TRANSPARENT LEVEL GAUGE GLASS c/w 1S GAUGE COCKS, 6 3/4" VISIBLE LENGTH, SWEET.
LG-101	1	DANIEL 41RL REFLEX LEVEL GAUGE GLASS c/w 1S GAUGE COCKS, 6 3/4" VISIBLE LENGTH, SWEET.
LG-710	1	DANIEL 1TC TUBULAR COCKS c/w 5/8" OD X 3/8" ID X 8'-0" LG CLEAR ACRYLIC TUBING (POLY CARBONATE)
LG-500 LG-600 LG-700	3	PLAINSMAN 5700-52-CTM LEVEL GAUGE C/W 1/2" NPT CONNECTIONS, DUAL CALIBRATION (LITERS & QUARTS).
LSHH-100	1	2" NPT SOR 1510B-G2A-C-W9-ES-CS-CV ELECTRIC LEVEL SWITCH, 24 VDC EXPLOSION PROOF
BPCV-100 PY-100	2	600# RF FISHER 667-45 ET CONTROL VALVE c/w SIZE 45 ACTUATOR 6-30" INPUT, 2 5/16" FULL PORT, F.C. c/w FISHER DVC 6010AC POSITIONER, CSA, EXPL. PROOF, C/W FISHER 67CFR AIR SUPPLY REGULATOR, F.C. NACE
PRV-140	1	1" NPT FISHER 627 REGULATOR, CS BODY c/w 1/4" TRIM, 70-150 PSIG ADJUSTABLE OUTPUT, SET @ 100 PSIG c/w NYLON DISC, SWEET.
PRV-100/101 PRV-102	3	1/4" NPT FISHER 67CFR REGULATOR, 0-35 PSIG RANGE, VENTED BONNET, SWEET.
PRV-500/600	2	1/4" NPT FISHER 67CFR REGULATOR, 0-125 PSIG RANGE, VENTED BONNET, SWEET
PI-100	1	4" DIAL WGI WH10940P PRESSURE INDICATOR, DUAL UNIT, LIQUID FILLED, 1/2" NPT BOTTOM CONNECTION, 0-1500 PSIG RANGE.
PI-140	1	2 1/2" DIAL WGI W7854P PRESSURE INDICATOR, DUAL UNIT, LIQUID FILLED, 1/4" NPT BOTTOM CONNECTION, 0-200 PSIG RANGE.
PIT-100	1	ROSEMOUNT 2088G422A1M5B4C6 PRESSURE TRANSMITTER, 0-4000 PSIG RANGE, 4-20mA DIGITAL HART PROTOCOL, LCD METER, CSA EXPL. PROOF, SST MOUNTING BRACKET.
PSV-100	1	1" MNPT X 1" FNPT FARRIS 27DA33-M20 PRESSURE SAFETY RELIEF VALVE, SET @ 9930 kPa (1440 PSIG), SWEET. (GAS) S/N: 603426-17-KE 1702096-2
PSV-140	1	1" MNPT X 1" FNPT MERCER 91000 PRESSURE SAFETY RELIEF VALVE, SET @ 1034 kPa (150 PSIG), SWEET. (GAS) S/N: 827033
PSV-600	1	1/4" NPT NUPRO SS-4R3A5-EP RELIEF VALVE, c/w 177-R3A-KI-G SPRING KIT, (4000-5000 PSIG RANGE), SET @ 33184 kPa (4813 PSIG) S/N: B50222001
PSV-500	1	1/4" NPT NUPRO SS-4R3A5-EP RELIEF VALVE c/w 177-R3A-KI-C SPRING KIT, (750-1500 PSIG RANGE), SET @ 9,930 kPa (1440 PSIG) S/N: 340110001
TH-710	1	8" THIEF HATCH, PRESSURE RELIEF 16 OZ, VACUUM 0.4 OZ (SUPPLIED WITH 100 BBL STORAGE TANK)
TI/TW-100	1	WL31205 TEMPERATURE INDICATOR, 3" DIAL FACE X 4" LG STEM, -20 TO 120°C, 3/4" X 1/2" X 4" LG, 304 SS TW.
IQ-101	1	INJECTION QUILL, 1/2" X 1/2" X 4" LG, 316 SS, c/w OPEN END CUT ON 45° ANGLE
IQ-102	1	INJECTION QUILL, 1/2" NPT X 2.5" LG, 304SS c/w OPEN END CUT ON 45° ANGLE
SP-100	1	2" 150# RF SPECTACLE BLIND, 1/4" THK, 304 SS.
SP-200	1	4" 150# RF SPECTACLE BLIND, 1/4" THK, 304 SS.
FX-710	1	1 1/2" NPT FLEX HOLES, 304SS.
3"B101	1	3" 150# RF R.P. BALL VALVE, KF, SWEET, LOW-TEMP.
2"B601	4	2" 600# RF R.P. BALL VALVE, KF, SWEET.
2"B601	1	2" 600# RF R.P. BALL VALVE, KF, CSO, SWEET.
2"B102	1	2" NPT BALL VALVE, KF, 2000# SWEET.
1"B602	11	1" NPT BALL VALVE, KF, 3000# SWEET.
1"B102	4	1" NPT BALL VALVE, KF, 2000# SWEET.
1"B602	1	1" NPT BALL VALVE, KF, 3000# CSO, SWEET.
1/2"B2502	2	1/2" NPT BALL VALVE, KF, 6000# SWEET.
3/4"B602	6	3/4" NPT BALL VALVE, KF, 3000# SWEET.
3/4"B102	2	3/4" NPT BALL VALVE, KF, 2000# SWEET.
1/2"B602	11	1/2" NPT BALL VALVE, KF, 3000# SWEET.
1/2"B102	8	1/2" NPT BALL VALVE, KF, 2000# SWEET.
1/2"B612	2	1/2" NPT FULL PORT BALL VALVE, KF, 3000# SWEET
1/4"B102	1	1/4" NPT BALL VALVE, KF, 2000# SWEET
3"F101	1	3" 150# RF BUTTERFLY VALVE, NORRISAL R1011-22BB-1A, SWEET.
2"C601	3	2" 600# RF SWNG CHECK VALVE, WHEATLEY WHE-600F20N, SWEET.
1"C602	3	1" NPT PISTON CHECK VALVE, KF, CLASS 800, SWEET.
1/2"C602	3	1/2" NPT PISTON CHECK VALVE, KF, CLASS 800, SWEET.
1/2"C2502	1	1/2" NPT BALL CHECK VALVE, CLASS 6000, 316SS.
2"O601	2	2" 600# RF GLOBE VALVE, KF, SWEET.
1"O602	3	1" NPT GLOBE VALVE, KF, CLASS 800, SWEET.
3/4"N602	3	3/4" MNPT X 1/2" FNPT NEEDLE VALVE, CENTURY CM26-3-M64T, SWEET
1/4"N112	6	1/4" MNPT X 1/4" FNPT NEEDLE VALVE, CENTURY CM2-1-M22T-BV, SWEET
1/4"N102	1	1/4" MNPT X 1/4" FNPT NEEDLE VALVE, CENTURY CM2-3-M22T-BV, SWEET
1/2"N612	1	1/2" MNPT X 1/2" FNPT NEEDLE VALVE, CENTURY CM2-3-M44T-BV, SWEET
STE-606	1	2" 600# RF Y-STRAINER, ALBERTA STRAINER, SWEET.
STE-430	1	1" 3000# NPT, Y-STRAINER, ALBERTA STRAINER, SWEET.
STE-208	2	1/2" NPT Y-STRAINER, IFC SERIES Y600, SWEET.
EB-201	1	ENVIRO BOX C/W 3" 150# RF
EB-202	1	ENVIRO BOX C/W 2" 150# RF

DRAWN BY: LD
CHECKED BY: DD
DATE: 11-06-21
SCALE: N.T.S.

**MECHANICAL FLOW DIAGRAM
24" OD X 7'-6" S/S X 1440 PSIG
SEPARATOR TANK PACKAGE (SWEET SERVICE)**

PARAMOUNT RESOURCES LTD. 12-159-D REV. A



PLAN VIEW

SECTION A
SCALE NTS 12-018-E1

GENERAL NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH THE MECHANICAL FLOW DIAGRAM.
- ALL ELEVATIONS ARE REF. FROM TOP OF SKID
- ALL PIPING TO BE HELD @ DIMENSIONS & ELEVATIONS SHOWN FOR CUSTOMER TIE-INS.
- MAIN PIPING TO BE BUILT IN ACCORDANCE WITH THE LATEST EDITION OF B31.3.
- ALL BUTTWELDED 0.0625" C.A. PIPING TO BE:
150 ANSI: 2" - SCH 80, 3" AND UP- SCH 40
600 ANSI: 2" - SCH 80, 3" AND UP- SCH 80
MATERIALS: PIPING - SA-106B SMLS (SA-333-6 OUTSIDE BUILDING)
FLANGES - SA-105N (SA-350-LF2 CL.1 OUTSIDE)
FITTINGS - SA-234-WPB (SA-420-WPL6 OUTSIDE)
BOLTS - SA-193-B7 (SA-193-B7M OUTSIDE)
NUTS - SA-194-2H (SA-194-2HM OUTSIDE)
GASKETS - 304SS FLEXIBLE GRAPHITE FILLER
- ALL THREAD PIPING FOR 150 ANSI RATING TO BE SCH 80 SA-106B SMLS PIPE C/W 3000# SA-105N SCREWED FITTINGS (EXCEPT AS NOTED IN ITEM #7).
ALL THREAD PIPING FOR 600 ANSI RATING TO BE SCH 160 SA-106B SMLS PIPE C/W 3000# SA-105N SCREWED FITTINGS (EXCEPT AS NOTED IN ITEM #7).
- FIRST PIPE/NIPPLE/SWAGE OFF VESSEL NPT CONNECTIONS TO BE SCH 160 FOR 600 ANSI RATING; SCH 80 FOR 150 ANSI RATING.
- MEDIUM DUTY PIPE CLAMPS TO BE USED FOR PIPING 2" AND LARGER U-BOLTS TO BE USED ON 1 1/2" AND SMALLER PIPING.

- BUILDING:
DIM.: 10'-0" W X 13'-0" LG X 12'-0" TO 13'-2" EAVE HT, SHED STYLE WITH 1:12 SLOPE
22 GAUGE GALVALUME EXTERIOR WALLS AND ROOF
R-12 BATT INSULATION IN WALLS IN ROOF
4 mil VAPOR BARRIER
24 GAUGE FLUTED WHITE ALUMINUM INTERIOR LINER
(1) 3'-0" x 7'-0" R4 SINGLE DOOR WITH 18 GAUGE FRAME, LOCKING PANIC HARDWARE, 24" X 24" IWG WINDOW, CHECK CHAIN, WEATHER-STRIPPING, SWEEPS, THRESHOLD, CANOPY, HASP & STAPLE
(2) 12" X 12" STAMPED LOUVERS WITH SLIDE GATES
(1) 40" X 40" DOUBLE GLAZED SLIDING WINDOW WITH SCREEN
- UNIT TO BE COMMERCIALY CLEANED TO SSPC-SP6 PRIOR TO:
ONE(1) COAT OF ANTI-CORROSIVE INDUSTRIAL PRIMER
TWO(2) COATS OF INDUSTRIAL ENAMEL
VESSELS: WARM GREY
PIPING: WARM GREY
SKID FLOOR: WARM GREY
PIPE SUPPORTS: WARM GREY
- ALL BUTTWELDED PIPING SHALL BE 10% RADIOGRAPHICALLY INSPECTED AND NOT PWHT.
- ALL PIPING SHALL BE HYDROTESTED TO 1.5 TIMES THE DESIGN PRESSURE. (B31.3 PIPING SPECIFICATION PR-ES-01, REV 1)
- ALL PIPE SUPPORT LOCATIONS TO BE DETERMINED BY SHOP.
- ALL UNION LOCATIONS TO BE DETERMINED BY SHOP.
- UNIT IS REGISTERED FOR ALBERTA, B.C. & NWT SERVICES.
- SHIPPING DIMENSION: 12'-6" W X 27'-10" LG X 15'-6" H
- SHIPPING WEIGHT: TBA 20,500 LBS

TIE-IN SCHEDULE

1	3"-600#RF GAS INLET	2	3"-600#RF GAS OUTLET	3A 3B	2"-600#RF PROVER CONNECTIONS.
4A 4B	1"-3000# NPT PROVER CONN.	5	1"-3000# NPT CONDENSATE OUT	6	3" CAMLOK TRUCK OUT
7	1" 3000#NPT WATER OUT	8	T-700 2" CAMLOK	9	1" 3000#NPT FG OUT
10	4" 150# RF ATL RELIEF				

AS BUILT

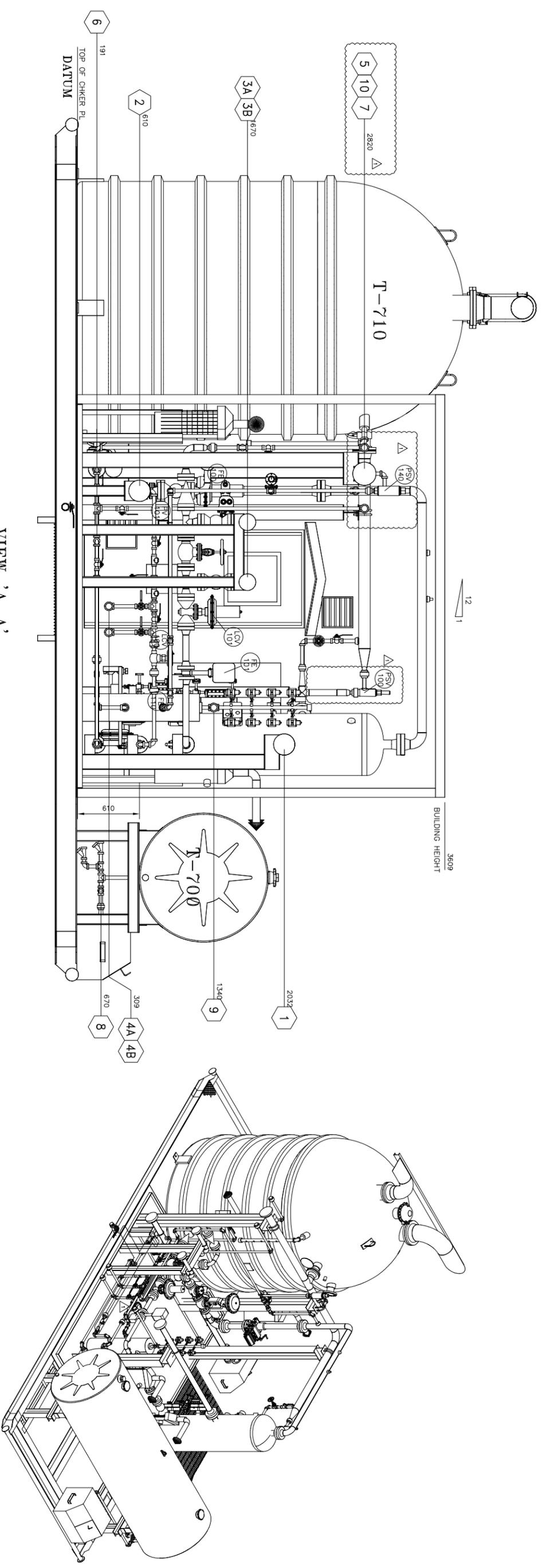
(10) REQ'D
TIME CARD
12-159 TO 168-PPW

REV.	DESCRIPTION	PM	ENG.	DATE	BY	DATE
LD	AS BUILT			13-08-01		
LD	REVISED DATUM LOCATION			13-02-25		
LD	REVISED AS NOTED AND IFC	DD	ET	12-04-19		
LD	REVISED AS PER CUSTOMER'S MARK UP	DD	ET	12-04-02		
LD	ISSUED FOR CONSTRUCTION	DD	ET	12-03-22		
LD	ISSUED FOR CONSTRUCTION	DD	ET	12-03-22		

PROJECT CO-ORDINATOR CHECKED: DATE: BY:

PROLINK
FABRICATION LTD.

DRAWN BY: DZ	DATE: 11-06-13
CHECKED BY: ET	SCALE: 1:30
PIPING PLAN FOR 24" O.D X 7'-6" S/S SEPARATOR C/W 100 BBL WATER TANK SKID PACKAGE (SWEET SERVICE)	
PARAMOUNT RESOURCES LTD.	12-159-E



VIEW 'A-A'

AS BUILT

TIE-IN SCHEDULE

- | | | | | | |
|--------|------------------------------|---|-----------------------------------|--------|----------------------------------|
| 1 | 3"-600#RF
GAS INLET | 2 | 3"-600#RF
GAS OUTLET | 3A, 3B | 2"-600#RF PROVER
CONNECTIONS. |
| 4A, 4B | 1"-3000# NPT
PROVER CONN. | 5 | 1"-3000# NPT
CONDENSATE
OUT | 6 | 3" CAMLOK
TRUCK OUT |
| 7 | 1" 3000#NPT
WATER OUT | 8 | 1"-700
2" CAMLOK | 9 | 1" 3000#NPT
FG OUT |
| 10 | 4" 150#RF
ATL RELIEF | | | | |

(10) REQ'D
TIME CARD
12-159 TO 168-PPW

REV.	DESCRIPTION	PM	ENGR	DATE	BY	DATE
Δ	AS BUILT				LD	13-08-01
Δ	REVISED AS PER CUSTOMER'S MARK UP & JFC	DD	ET	12-03-22	LD	12-04-02
Δ	ISSUED FOR CONSTRUCTION				LD	12-03-22
	PROJECT CO-ORDINATOR CHECKED: DATE:					

PROLINK
FABRICATION LTD.

DRAWN BY: DZ
CHECKED BY: ET
DATE: 11-06-13
SCALE: 1:30
**PIPING PLAN FOR
24" O.D X 7'-6" S/S SEPARATOR C/W 100 BBL
WATER TANK SKID PACKAGE (SWEET SERVICE)
PARAMOUNT RESOURCES LTD. 12-158-E1**

PARAMOUNT PACKAGE # PKG-1957 TO 1966
(PROLINK JOB# 12-159 TO 12-168)

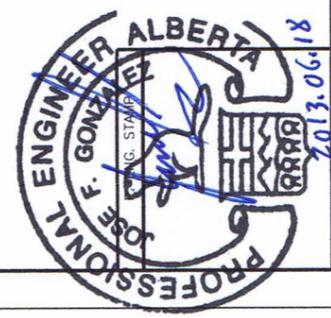
FACILITY 24" OD X 7'-6" S/S VERTICAL SEPARATOR V-100

LINE NO.		LINE DESCRIPTION										CORROS. ALLOW.		INSULATION		X-RAY	COMMENTS
		CLASS	SIZE	FROM	TO	SCH. OR WALL THK. inches	OPER. PRESS. PSIG	TEMP. F	DESIGN PRESS. PSIG	TEMP. F	MDMT F	TEST PRESS. PSIG NOTE 1 & NOTE 3	TYPE	THK. inches			
1957-P-3"-C-100	C	3"	PACKAGE LIMIT	V-100 (N1)	S/40	-	-	1480	100	-20	2220	---	---	10%	LOW TEMP. OUT SIDE BUILDING		
1957-P-3"-C-101	C	3"	V-100 (N2)	PACKAGE LIMIT	S/40	-	-	1480	100	-20	2220	---	---	10%	LOW TEMP. OUT SIDE BUILDING		
1957-BD-4"-AL-100	AL	4"	PSV-100	T-710	S/40	-	-	285	100	-50	428	---	---	10%			
1957-BD-1"-AL-101	AL	1"	1957-BD-2"-C-103	1957-BD-4"-AL-100	S/80	-	-	285	100	-50	428	---	---	-			
1957-BD-1"-A-102	A	1"	PSV-140	1957-BD-4"-AL-100	S/80	-	-	285	100	-20	428	---	---	-			
1957-BD-2"-C-103	C	2"	V-100 (N6)	1957-BD-1"-AL-101 PSV-100	S/80	-	-	1480	100	-20	2220	---	---	10%			
1957-HCL-2"-C-100	C	2"	V-100 (N4)	1957-P-3"-C-101 1957-HCL-1"-C-100	S/80	-	-	1480	100	-20	2220	---	---	10%			
1957-HCL-1"-C-100	C	1"	1957-HCL-2"-C-100	PACKAGE LIMIT 1957-D-1"-A-102	S/160	-	-	1480	100	-20	2220	---	---	-			
1957-D-1"-C-100	C	1"	V-100 (N5)	1957-D-1"-A-101	S/160	-	-	1480	100	-20	2220	---	---	-			
1957-D-1"-C-101	C	1"	V-100 (N3)	1957-P-3"-C-101 1957-D-1"-C-100	S/160	-	-	1480	100	-20	2220	---	---	-			
1957-D-1"-A-101	A	1"	V-140 1957-D-1"-C-100	1957-D-1"-A-102	S/80	-	-	285	100	-20	428	---	---	-			
1957-D-1"-A-102	A	1"	1957-HCL-1"-C-100	T-710	S/80	-	-	285	100	-20	428	---	---	-	LOW TEMP. OUT SIDE BUILDING		
1957-M-1"-A-100	A	1"	T-700	1957-M-1/2"-A-100 1957-M-1/2"-A-101	S/80	-	-	285	100	-20	428	---	---	-			
1957-M-1/2"-A-100	A	1/2"	1957-M-1"-A-100	P-600	S/80	-	-	285	100	-20	428	---	---	-			
1957-M-1/2"-A-101	A	1/2"	1957-M-1"-A-100	P-500	S/80	-	-	285	100	-20	428	---	---	-			
1957-FG-1"-C-100	C	1"	1957-P-3"-C-101	PRV-140	S/160	-	-	1480	100	-20	2220	---	---	-			
1957-FG-1"-A-101	A	1"	V-140	INSTRUMENTS 1957-FG-1"-A-102	S/80	-	-	150	100	-20	110	---	---	-			
1957-FG-1"-A-102	A	1"	V-140	PACKAGE LIMIT	S/80	-	-	150	100	-20	110	---	---	-	LOW TEMP. OUT SIDE BUILDING		
1957-FG-1"-A-103	A	1"	V-140	PSV-140	S/80	-	-	150	100	-20	110	---	---	-			

NOTE:
12-159 P&ID WILL START WITH PARAMOUNT PACKAGE NUMBER 1957.
THE LINE FOR SERIAL NUMBERS 12-159 THROUGH 12-168 WILL
NEED TO REFERENCE PARAMOUNT PACKAGE NUMBERS 1957 THROUGH
1966.

TESTING
RR RANDOM RADIOGRAPHY (10%)

NOTES:
1.) HYDROTEST TO NOT LESS THAN 1.5 X DESIGN
PRESSURE PER ASME B31.3 345.4.2 (c)
2.) P&ID DRAWING
12-159-D. REV.6
3.) PRESSURE TESTING TO MEET SPECIFICATIONS
PR-ES-01-PIPING REV 1.D - SECTION B



DRAWN BY: KF
CHECKED BY: DD
DATE: 12-10-11
SCALE: N.T.S.
PKG-1957~1966

24" O.D X 7'-6" S/S X 1440 PSIG
SEPARATOR TANK PACKAGE (SWEET SERVICE)

PARAMOUNT RESOURCES LTD. 12-159-L

PROLINK
FABRICATION LTD.

REV.	DESCRIPTION	DATE	BY
A	P. ENG STAMPED FOR PRESSURE PIPING ONLY	12-10-11	KF

PROJECT CO-ORDINATOR CHECKED: DATE: BY: