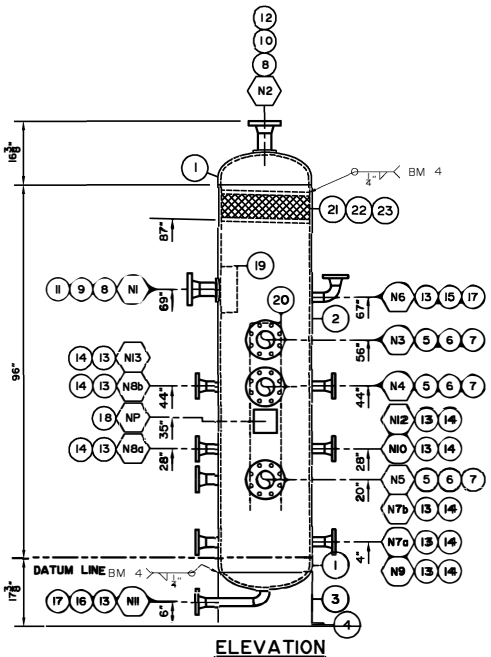
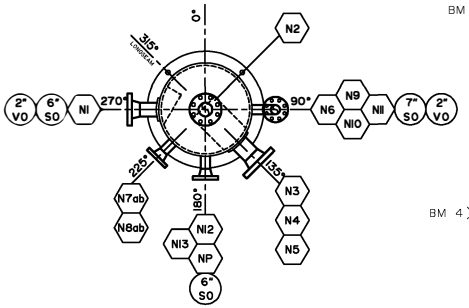
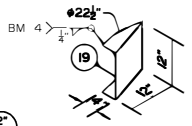


ELEVATION

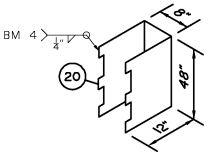


PLAN



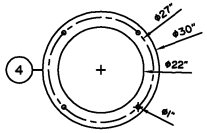
INLET DIVERTER

N.T.S.



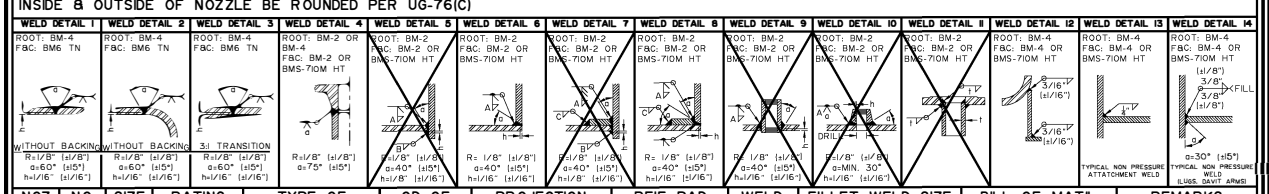
FLOAT HOOD

N.T.S.



BASE LAYOUT

INSIDE & OUTSIDE OF NOZZLE BE ROUNDED PER UG-76(C)



NOZ NO.	NO. REQ'D	SIZE REQ'D	RATING	TYPE OF SERVICE	OD OF NOZ NECK	PROJECTION OUTSIDE	PROJECTION INSIDE	REIF PAD OD x THK	WELD DETAIL	FILLET WELD SIZE A	FILLET WELD SIZE B	FILLET WELD SIZE C	BILL OF MAT'L ITEM No.	REMARKS
N1	1	3"	300	INLET	3.5"	8	·	6" X 5/8"	4,8	1/2	·	1/2	8,9,11	·
N2	1	3"	300	OUTLET	3.5"	8	·	6" X 5/8"	4,8	1/2	·	1/2	8,10,12	INSPECTION
N3	1	4"	300	LSHH	4.5"	8	·	7" X 1/2"	4,8	1/2	·	3/8	5,6,7	·
N4	1	4"	300	LC	4.5"	8	·	7" X 1/2"	4,8	1/2	·	3/8	5,6,7	·
N5	1	4"	300	LC	4.5"	8	·	7" X 1/2"	4,8	1/2	·	3/8	5,6,7	INSPECTION
N6	1	2"	300	PSV	2.375"	6	·	·	4,6	3/8	·	·	13,15,17	·
N7ab	2	2"	300	LG	2.375"	6	·	·	4,6	3/8	·	·	13,14	·
N8ab	2	2"	300	LG	2.375"	6	·	·	4,6	3/8	·	·	13,14	·
N9	1	2"	300	DUMP	2.375"	6	·	·	4,6	3/8	·	·	13,14	·
N10	1	2"	300	DUMP	2.375"	6	·	·	4,6	3/8	·	·	13,14	·
N11	1	2"	300	DRAIN	2.375"	6	·	·	4,6	3/8	·	·	13,16,17	·
N12	1	2"	300	TI	2.375"	6	·	·	4,6	3/8	·	·	13,14	·
N13	1	2"	300	PI	2.375"	6	·	·	4,6	3/8	·	·	13,14	·

BILL OF MATERIAL

ITEM	QTY.	DESCRIPTION
1	2	S.E. HEAD, 24"OD X 0.750" NOM. (0.6875" MIN.), SA516-70N
2	1	SHELL, 24"OD X 0.625" NOM. X 8'-0" LONG, SA516-70N
3	1	PIPE, 24" SCH. STD (0.375"), SA53B OR SA106B X 13 1/4" LONG
4	1	BASE RING, 30"OD X 22"ID X 1/2", A36/44W
5	3	RFWN, 4" 300 ANSI SCH. 160, SA105N
6	3	PIPE, 4" SCH. 160 (0.531"), SA106B X 4 13/16" LONG
7	3	ROLLED REPAD, 7"OD X 1/2"TK (ROLLED TO 24"ID), SA516-70N
8	2	RFWN, 3" 300 ANSI SCH. 160, SA105N
9	1	PIPE, 3" SCH. 160 (0.438"), SA106B X 5" LONG
10	1	PIPE, 3" SCH. 160 (0.438"), SA106B X 4 15/16" LONG
11	1	ROLLED REPAD, 6"OD X 5/8"TK (ROLLED TO 24"ID), SA516-70N
12	1	DISHED REPAD, 6"OD X 5/8"TK (DISHED TO 24"ID), SA516-70N
13	10	RFWN, 2" 300 ANSI SCH. 160, SA105N
14	8	PIPE, 2" SCH. 160 (0.344"), SA106B X 3 5/16" LONG
15	1	PIPE, 2" SCH. 160 (0.344"), SA106B X 3 1/16" LONG
16	1	PIPE, 2" SCH. 160 (0.344), SA106B X 12 1/4" LONG
17	2	WELD 90, 2" SCH. 160 LR, SA234WPB
18	1	TAG PLATE HOLDER, SA36 & VESSEL ID PLATE, ALUM.
19	1	INLET DIVERTER, 12" X 12", 1/4", SA36 (SEE DETAIL)
20	1	FLOAT HOOD , 8" X 12" X 4', 3/16", SA36 (SEE DETAIL)
21	1	DEM, 24"OD X 6"TK, 1 PC NO GRD, 9LB 316LSS
22	A/R	FLAT, 1/4" X 1", A36/44W
23	A/R	FLAT EXP. METAL, 3/4" X 9LB, CS

REV. No.	DATE	DESCRIPTION	CALC NO.	BY	CHK'D	APP'D
1	03 06 09	AS-BUILT		MWC	MK	MK
0	12 17 08	ISSUED FOR CONSTRUCTION	K2480.23	MWC	MK	MK

ASME 2007 ED. 2007 ADD. CODE SECT. VIII DIV. 1

BMS AQP (S) 1009 REGISTERED WELD PROCEDURE 505.2

FOR VESSEL TOLERANCES, SEE WELDER HANDBOOK

VESSEL TYPE: VERTICAL

M.A.W.P.: 720 PSIG (4964 kPa) AT +100°F (+38°C)

M.D.M.T.: -20°F (-29°C) AT 720 PSIG (4964 kPa)

IMPACT TESTING EXEMPT PER UG20f (1-5)

P.W.H.T.: YES 1150°F FOR 60 MIN.

RADIOGRAPHY: RT-1 CIRC.: FULL LONG: FULL

JOINT EFFICIENCY: HEADS: 1.00 SHELL: 1.00

CORROSION ALLOWANCE: 1/8"

HYDROSTATIC TEST: 1080 PSIG (7446 kPa)

VOLUME: 23.27ft³ (0.66m³)

WEIGHT (DRY): 3000 lb (1361 kg)

CLIENT:

BROMLEY MECHANICAL SERVICES
A DIVISION OF ARGO SALES LTD.
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT:

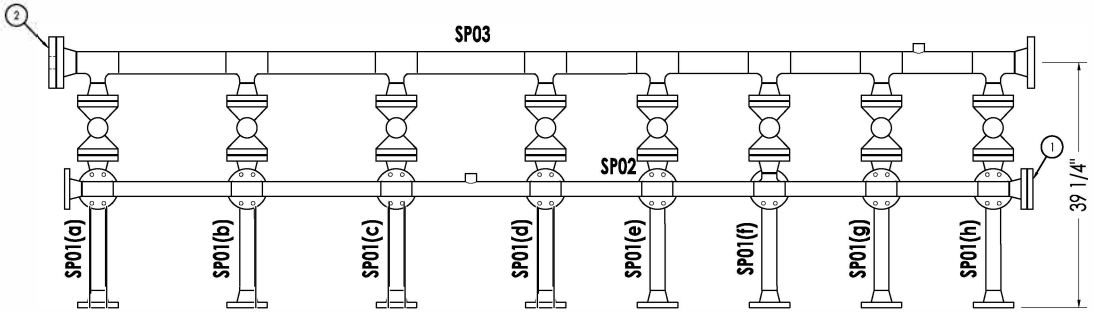
SPIRIT RIVER
05-36 SATELLITE

TITLE:

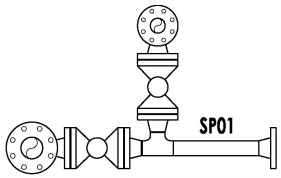
24"OD X 8'-0" X 720 PSI VESSEL

CRN.: K 2480.23/K 1528.1	Wo No.: 33264	SERIAL No.: 828800-828801	
DRAWN BY: M. CASH	REV. No.: 1	DATE: MM/DD/YY	03/06/09
DATE: MM/DD/YY 12/17/08	SCALE: 3/8"=1'	CAD No.:	33264

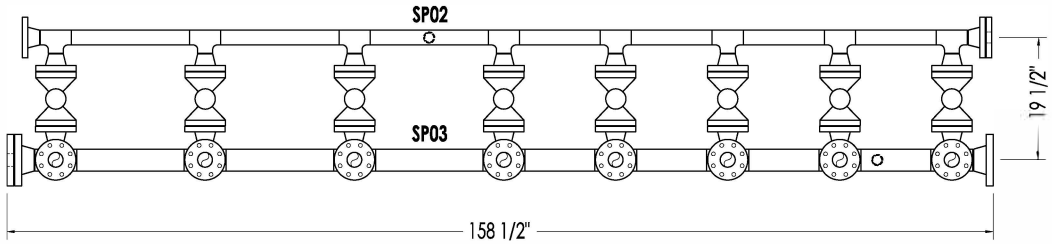
BOM			
ITEM	QTY.	DESCRIPTION	LENGTH
1	1	BLIND 2" 300 ANSI RFB TAPPED 1" SA350LF2-CL1	
2	1	BLIND 3" 300 ANSI RFB TAPPED 1" SA350LF2-CL1	
3	42	FLANGE 2" 300 ANSI S/80 RFWN SA350LF2-CL1	
4	2	FLANGE 3" 300 ANSI S/40 RFWN SA350LF2-CL1	
5	33	GASKET 2" FLEX CGI CL300 316/FG B16.2	
6	1	GASKET 3" FLEX CGI CL300 316/FG B16.2	
7	528	NUT 5/8" SA-194-2HM	
8	16	NUT 3/4" SA-194-2HM	
9	8	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	13 3/4"
10	3	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	19"
11	3	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	17 1/4"
12	264	STUD 5/8" X 3-1/2" SA193-B7M	
13	8	STUD 3/4" X 4-1/4" SA193-B7M	
14	16	TEE 2" S/80 SA420WPL6	
15	8	TEE 3" S/40 x 2" S/80 BW SA420WPL6	
16	1	TOL 3/4" CL3000 x 2 1/2 - 2 SA350LF2-CL1	
17	1	TOL 3/4" CL3000 x 5 - 3 SA350LF2-CL1	
18	4	PIPE 3" S/30 (0.216") SA333 GR6 SMLS	11 1/4"
19	4	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	13



ASSEMBLY TOP VIEW



ASSEMBLY LEFT VIEW



ASSEMBLY FRONT VIEW

NOTES:

1. REFER TO P&ID FOR VALVE AND INSTRUMENT SPECIFICATIONS
2. REFER TO P&ID FOR THREADED PIPING & COMPONENTS MATERIAL SPECIFICATIONS
3. CHECK OPERATION OF ALL VALVE HANDLES / WHEELS FOR CLEARANCE
4. SOUR PIPING c/w 15% HARDNESS TESTING, HARDNESS SHALL NOT EXCEED 200 BHN
5. 1/8" WELD GAP IS COUNTED BETWEEN FITTINGS
6. NO WELD GAP IS COUNTED BETWEEN FITTINGS & PIPE

PAINTING & COATING NOTES:

1. EXTERNAL PAINT:
   SURFACE PREP: SSPC-SP3
   PRIMER: CLOVERDALE ALKYD PRIMER AS PER MANUFACTURER'S SPECIFICATIONS
   PAINT: CLOVERDALE ALKYD MARINE ENAMEL AS PER MANUFACTURER'S SPECIFICATIONS
   COLOR: WARM GREY

ARGO SALES LP
ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
2	2025-11-28	AS BUILT	JS	DM	
1	2025-09-29	ADDED 8th INLET TO WATER AND GAS HEADERS	DM	DM	
0	2025-09-05	ISSUED FOR CONSTRUCTION	JS	DM	DM
A	2025-09-04	ISSUED FOR APPROVAL	JS	DM	DM

CLIENT:

RARE OILFIELD SERVICES

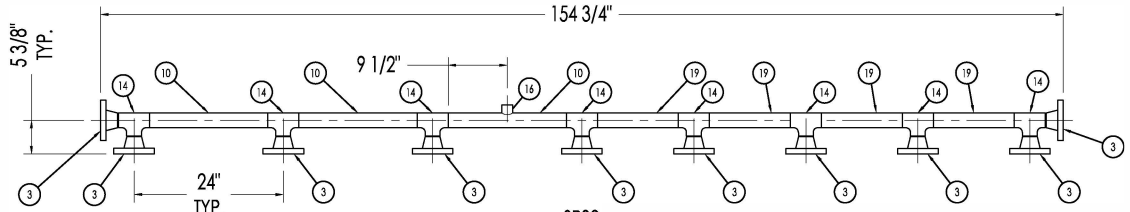
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

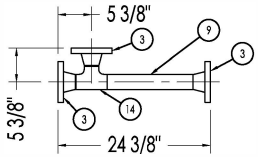
TITLE: PIPING A - LIQUID HEADER

WO No.:	02561	LSD:	LOCATION TBD	REVISION:
SIZE: B	UNIT No.:	DRAWN BY: J. SCHM.	DRAWN DATE: YYYY/MM/DD 2025-08-28	2
	DWG No.: 02561-PIPING A		SHEET: 1 OF 2 SCALE: NTS	

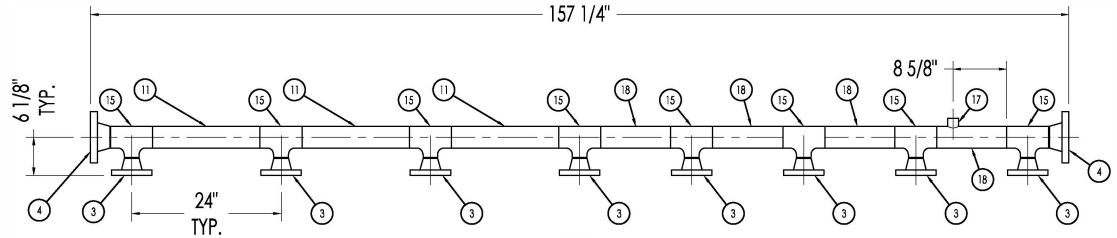
ASME B31.3 2022 ED. (NORMAL SERVICE)	
BMS AQP: 1009	REGISTERED WELD PROCEDURE: 505.2
FOR PIPING TOLERANCES, SEE WELDER HANDBOOK	
FLUID TYPE: WATER, OIL, GAS	PIPING SPEC: BSL
"BSL" M.A.W.P.: 720 PSIG @ -49°F TO 100°F	
P.W.H.T.: N/A	
RADIOGRAPHY: 100%	MPI: 100% OLET
HARDNESS: 15% (SEE NOTE)	OTHER NDE: N/A
CORROSION ALLOWANCE: 1/16"	
HYDROSTATIC TEST: 1100 PSIG AT ROOM TEMP	



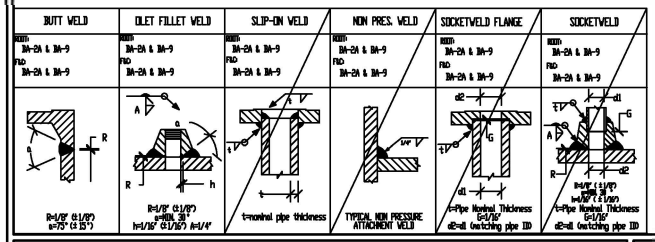
SP02



SP01(a-h)
8 REQUIRED



SP03



ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

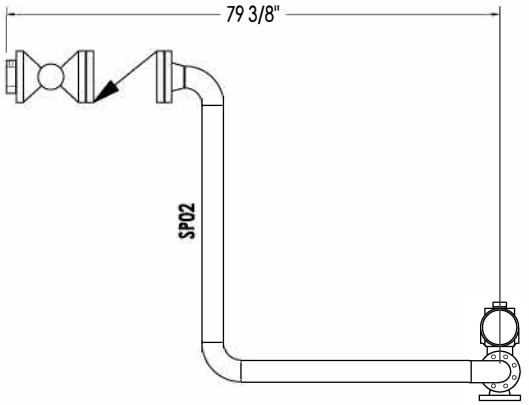
PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: PIPING A - LIQUID HEADER

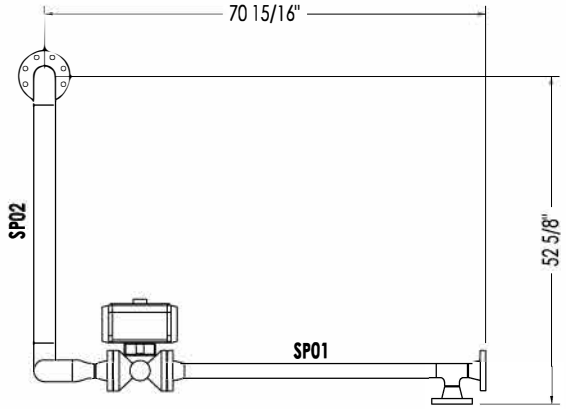
WO No.: 02561	LSD: LOCATION TBD	REVISION:
SIZE: B	UNIT No.:	DRAWN BY: J. SCHM
DWG No.: 02561-PIPING A	SHEET: 2 OF 2	SCALE: NTS
	DRAWN DATE: 2025-08-28	2

BOM

ITEM	QTY.	DESCRIPTION	LENGTH
1	4	FLANGE 2" 300 ANSI S/80 RFWN SA350LF2-CL1	
2	1	FLANGE 3" 300 ANSI S/40 RFWN SA350LF2-CL1	
3	4	GASKET 2" FLEX CGI CL300 316/FG B16.2	
4	4	GASKET 3" FLEX CGI CL300 316/FG B16.2	
5	64	NUT 5/8" SA-194-2HM	
6	48	NUT 3/4" SA-194-2HM	
7	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	40 9/16"
8	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	38 1/4"
9	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	371/8"
10	32	STUD 5/8" X 3-1/2" SA193-B7M	
11	16	STUD 3/4" X 4-1/4" SA193-B7M	
12	8	STUD 3/4" X 6-1/4" SA193-B7M	
13	1	TEE 2" S/80 SA420WPL6	
14	3	ELBOW 90 DEG 2" LR S/80 BW SA420WPL6	
15	1	REDUCER CONC 3" X 2" S/40 X S/80 BW SA420WPL6	



ASSEMBLY LEFT VIEW



ASSEMBLY FRONT VIEW

AS BUILT

NOTES:

1. REFER TO P&ID FOR VALVE AND INSTRUMENT SPECIFICATIONS
2. REFER TO P&ID FOR THREADED PIPING & COMPONENTS MATERIAL SPECIFICATIONS
3. CHECK OPERATION OF ALL VALVE HANDLES / WHEELS FOR CLEARANCE
4. SOUR PIPING c/w 15% HARDNESS TESTING, HARDNESS SHALL NOT EXCEED 200 BHN
5. 1/8" WELD GAP IS COUNTED BETWEEN FITTINGS
6. NO WELD GAP IS COUNTED BETWEEN FITTINGS & PIPE

PAINTING & COATING NOTES:

1. EXTERNAL PAINT:
   SURFACE PREP: SSPC-SP3
   PRIMER: CLOVERDALE ALKYD PRIMER AS PER MANUFACTURER'S SPECIFICATIONS
   PAINT: CLOVERDALE ALKYD MARINE ENAMEL AS PER MANUFACTURER'S SPECIFICATIONS
   COLOR: WARM GREY

ARGO SALES LP
ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
0	2025-09-05	ISSUED FOR CONSTRUCTION	JS	DM	DM
A	2025-09-04	ISSUED FOR APPROVAL	JS	DM	DM

CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
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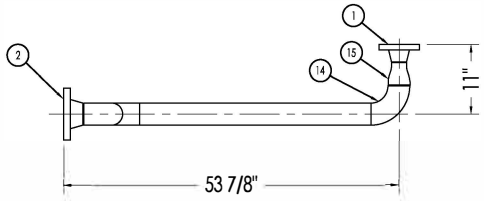
PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

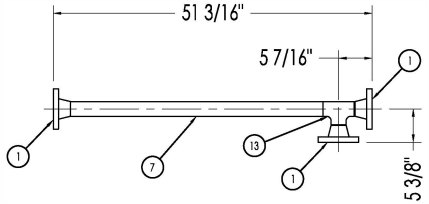
TITLE: PIPNG B - LIQUID INLET

WO No.:	02561	LSD:	LOCATION TBD	REVISION:
SIZE: B	UNIT No.:	DRAWN BY:	J. SCHM.	DRAWN DATE: 2025-08-28
	DWG No.: 02561-PIPING B		SHEET: 1 OF 2	SCALE: NTS

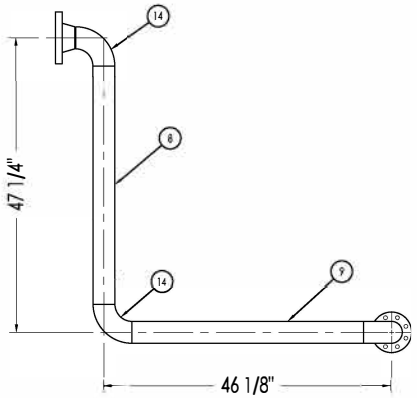
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ASME B31.3 2022 ED. (NORMAL SERVICE)	
BMS AQP: 1009	REGISTERED WELD PROCEDURE: 505.2
FOR PIPING TOLERANCES, SEE WELDER HANDBOOK	
FLUID TYPE: WATER, OIL, GAS	PIPING SPEC: BSL
"BSL" M.A.W.P.: 720 PSIG @ -49°F TO 100°F	
P.W.H.T.: N/A	
RADIOGRAPHY: 100%	MPI: 100% OLET
HARDNESS: 15% (SEE NOTE)	OTHER NDE: N/A
CORROSION ALLOWANCE: 1/16"	
HYDROSTATIC TEST: 1100 PSIG AT ROOM TEMP	

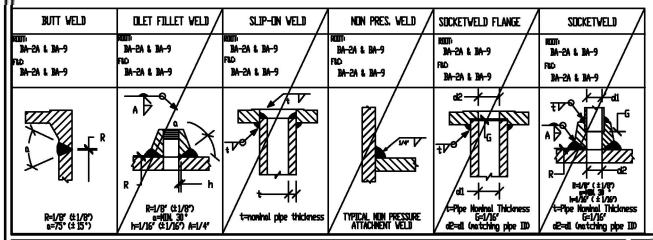




SP01



SP02



AS BUILT

ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

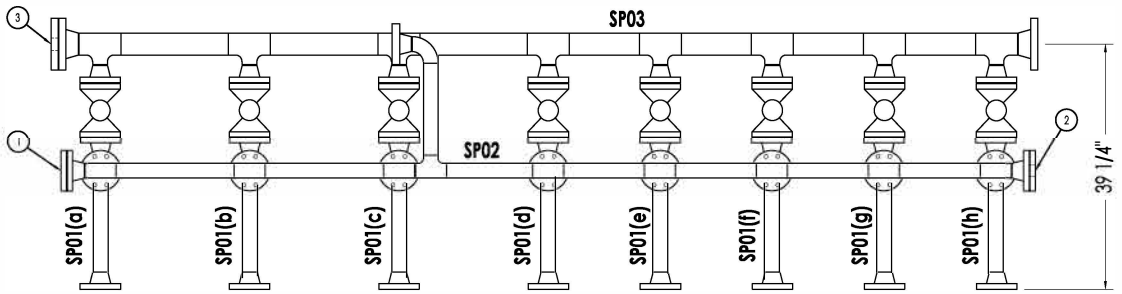
TITLE: PIPNG B - LIQUID INLET

WO No.:	02561	LSD:	LOCATION TBD	REVISION:
SIZE: B	UNIT No.: .	DRAWN BY:	J. SCHM.	DRAWN DATE: 2025- 08- 28
	DWG No.: 02561-PIPING B			SHEET: 2 OF 2 SCALE: NTS

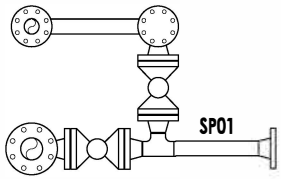
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BOM

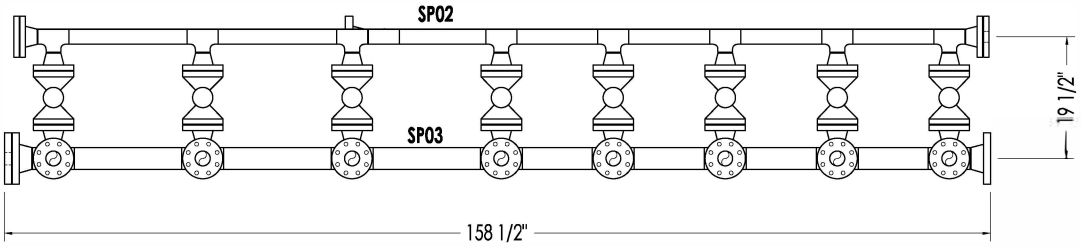
ITEM	QTY.	DESCRIPTION	LENGTH
1	1	BLIND 2" 300 ANSI RF SA350LF2-CL1	
2	1	BLIND 2" 300 ANSI RFB TAPPED 1" SA350LF2-CL1	
3	1	BLIND 3" 300 ANSI RFB TAPPED 1" SA350LF2-CL1	
4	1	ELBOW 90 DEG 2" LR S/80 BW SA420WPL6	
5	42	FLANGE 2" 300 ANSI S/80 RFWN SA350LF2-CL1	
5a	1	FLANGE 2" 600 ANSI S/80 RFWN SA350LF2-CL1	
6	2	FLANGE 3" 300 ANSI S/40 RFWN SA350LF2-CL1	
7	34	GASKET 2" FLEX CGI CL300316/FG B16.2	
8	1	GASKET 3" FLEX CGI CL300 316/FG B16.2	
9	544	NUT 5/8" SA-194-2HM	
10	16	NUT 3/4" SA-194-2HM	
11	2	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	19"
12	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	14 3/4"
13	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	13 7/8"
14	7	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	13 3/4"
15	3	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	17 1/4"
16	272	STUD 5/8" X 3-1/2" SA193-B7M	
17	8	STUD 3/4" X 4-1/4" SA193-B7M	
18	17	TEE 2" S/80 SA420WPL6	
19	8	TEE 3" S/40 x 2" S/80 BW SA420WPL6	
20	4	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	13"
21	4	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	11 1/4"



ASSEMBLY TOP VIEW



ASSEMBLY LEFT VIEW



ASSEMBLY FRONT VIEW

NOTES:

1. REFER TO P&ID FOR VALVE AND INSTRUMENT SPECIFICATIONS
2. REFER TO P&ID FOR THREADED PIPING & COMPONENTS MATERIAL SPECIFICATIONS
3. CHECK OPERATION OF ALL VALVE HANDLES / WHEELS FOR CLEARANCE
4. SOUR PIPING c/w 15% HARDNESS TESTING, HARDNESS SHALL NOT EXCEED 200 BHN
5. 1/8" WELD GAP IS COUNTED BETWEEN FITTINGS
6. NO WELD GAP IS COUNTED BETWEEN FITTINGS & PIPE

PAINTING & COATING NOTES:

1. EXTERNAL PAINT:
   SURFACE PREP: SSPC-SP3
   PRIMER: CLOVERDALE ALKYD PRIMER AS PER MANUFACTURER'S SPECIFICATIONS
   PAINT: CLOVERDALE ALKYD MARINE ENAMEL AS PER MANUFACTURER'S SPECIFICATIONS
   COLOR: WARM GREY

ARGO SALES LP

ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

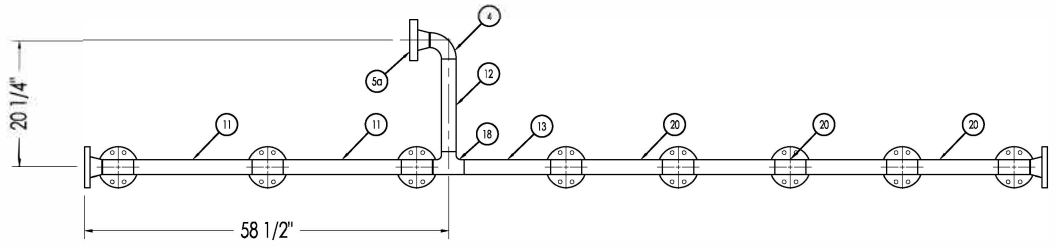
REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
2	2025-11-28	AS BUILT	JS	DM	
1	2025-09-29	ADDED 8th INLET TO WATER AND GAS HEADERS	DM	DM	
0	2025-09-05	ISSUED FOR CONSTRUCTION	JS	DM	DM
A	2025-09-04	ISSUED FOR APPROVAL	JS	DM	DM

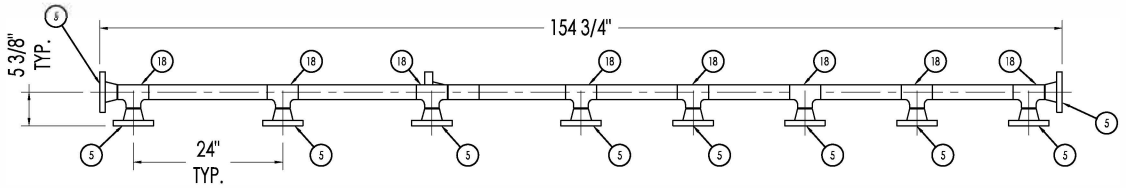
CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

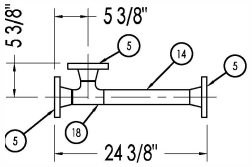
PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE
TITLE: PIPNG C - GAS HEADER
WO No.: 02561 | LSD: LOCATION TBD | REVISION: 2
SIZE: B | UNIT No.: | DRAWN BY: J. SCHM. | DRAWN DATE: 2025-08-28
DWG No.: 02561-PIPING C | SHEET: 1 OF 2 | SCALE: NTS

ASME B31.3 2022 ED. (NORMAL SERVICE)	
BMS AQP: 1009	REGISTERED WELD PROCEDURE: 505.2
FOR PIPING TOLERANCES, SEE WELDER HANDBOOK	
FLUID TYPE: WATER, OIL, GAS	PIPING SPEC: BSL
"BSL" M.A.W.P.: 720 PSIG @ -49°F TO 100°F	
P.W.H.T.: N/A	
RADIOGRAPHY: 100%	MPI: 100% OLET
HARDNESS: 15% (SEE NOTE)	OTHER NDE: N/A
CORROSION ALLOWANCE: 1/16"	
HYDROSTATIC TEST: 1100 PSIG AT ROOM TEMP	

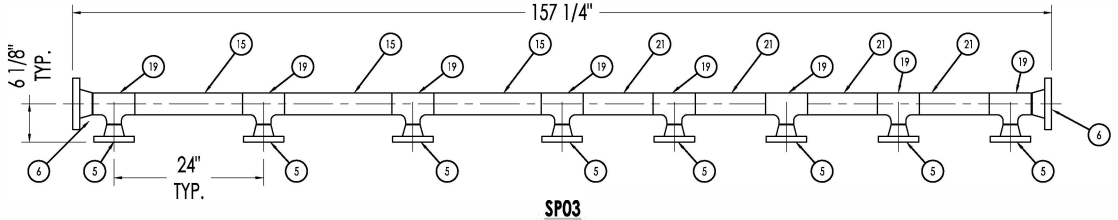




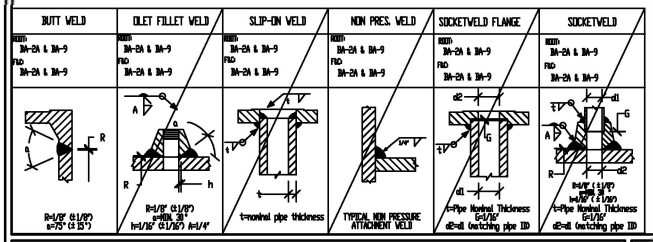
SP02



SP01(a-h)
8 REQUIRED



SP03



ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

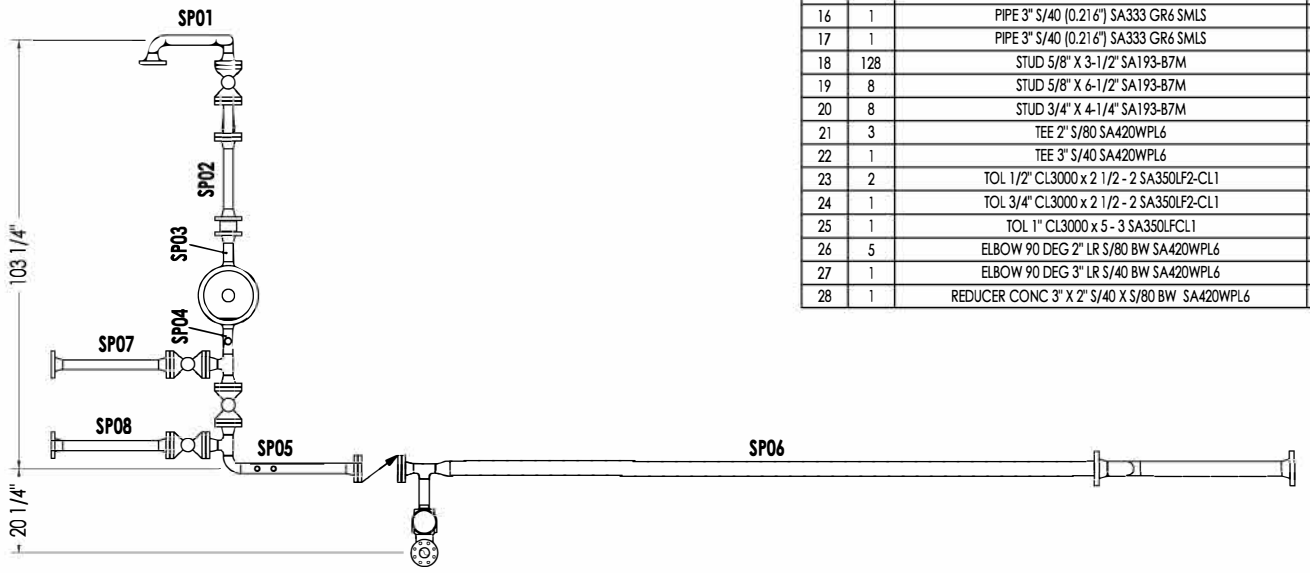
PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: PIPNG C - GAS HEADER

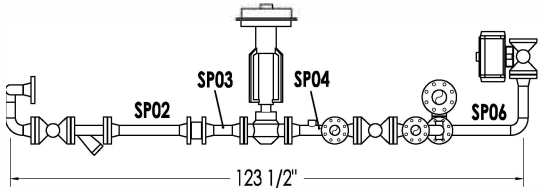
WO No.: 02561	LSD: LOCATION TBD	REVISION:
SIZE: B	UNIT No.:	DRAWN BY: J. SCHM
DRAWN DATE: 2025-08-28	DWG No.: 02561-PIPING C	SHEET: 2 OF 2
SCALE: NTS		2

BOM			
ITEM	QTY.	DESCRIPTION	LENGTH
1	18	FLANGE 2" 300 ANSI S/80 RFWN SA350LF2-CL1	
2	2	FLANGE 3" 300 ANSI S/40 RFWN SA350LF2-CL1	
3	18	GASKET 2" FLEX CGI CL300 316/FG B16.2	
4	1	GASKET 3" FLEX CGI CL300 316/FG B16.2	
5	272	NUT 5/8" SA-194-2HM	
6	16	NUT 3/4" SA-194-2HM	
7	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	25 7/16"
8	2	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	23 1/8"
9	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	14 3/4"
10	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	14 1/2"
11	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	12 1/4"
12	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	7 5/8"
13	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	6"
14	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	4 1/2"
15	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	3 3/4"

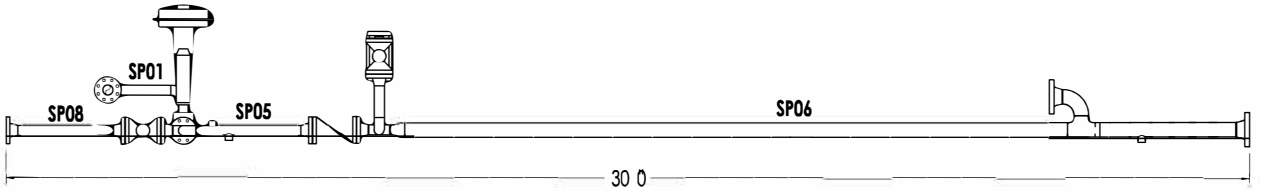
BOM			
ITEM	QTY.	DESCRIPTION	LENGTH
16	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	159 15/16"
17	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	34 1/16"
18	128	STUD 5/8" X 3-1/2" SA193-B7M	
19	8	STUD 5/8" X 6-1/2" SA193-B7M	
20	8	STUD 3/4" X 4-1/4" SA193-B7M	
21	3	TEE 2" S/80 SA420WPL6	
22	1	TEE 3" S/40 SA420WPL6	
23	2	TOL 1/2" CL3000 x 2 1/2 - 2 SA350LF2-CL1	
24	1	TOL 3/4" CL3000 x 2 1/2 - 2 SA350LF2-CL1	
25	1	TOL 1" CL3000 x 5 - 3 SA350LFCL1	
26	5	ELBOW 90 DEG 2" LR S/80 BW SA420WPL6	
27	1	ELBOW 90 DEG 3" LR S/40 BW SA420WPL6	
28	1	REDUCER CONC 3" X 2" S/40 X S/80 BW SA420WPL6	



ASSEMBLY TOP VIEW



ASSEMBLY LEFT VIEW



ASSEMBLY FRONT VIEW

NOTES:

1. REFER TO P&ID FOR VALVE AND INSTRUMENT SPECIFICATIONS
2. REFER TO P&ID FOR THREADED PIPING & COMPONENTS MATERIAL SPECIFICATIONS
3. CHECK OPERATION OF ALL VALVE HANDLES / WHEELS FOR CLEARANCE
4. SOUR PIPING c/w 15% HARDNESS TESTING, HARDNESS SHALL NOT EXCEED 200 BHN
5. 1/8" WELD GAP IS COUNTED BETWEEN FITTINGS
6. NO WELD GAP IS COUNTED BETWEEN FITTINGS & PIPE

PAINTING & COATING NOTES:

1. EXTERNAL PAINT:
   SURFACE PREP: SSPC-SP3
   PRIMER: CLOVERDALE ALKYD PRIMER AS PER MANUFACTURER'S SPECIFICATIONS
   PAINT: CLOVERDALE ALKYD MARINE ENAMEL AS PER MANUFACTURER'S SPECIFICATIONS
   COLOR: WARM GREY

AS BUILT

ARGO SALES LP
ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
0	2025-09-05	ISSUED FOR CONSTRUCTION	JS	DM	DM
A	2025-09-04	ISSUED FOR APPROVAL	JS	DM	DM

CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9606

PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: PIPNG D - LIQUID OUTLET

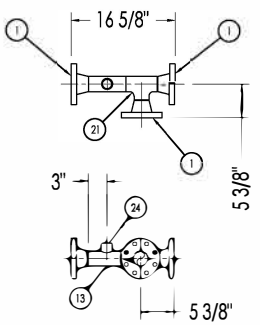
WO No.:	LSD:	REVISION:
02561	LO CATION TBD	0

SIZE:	UNIT No.:	DRAWN BY:	DRAWN DATE:	SCALE:
B	-	J. SCHM.	2025-08-28	NTS

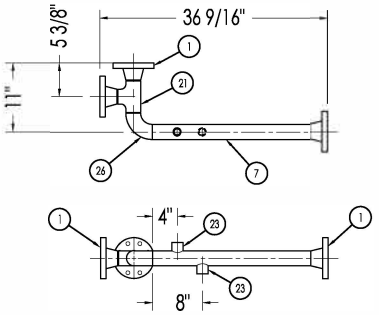
DWG No.: 02561-PIPING D

SHEET: 1 OF 2

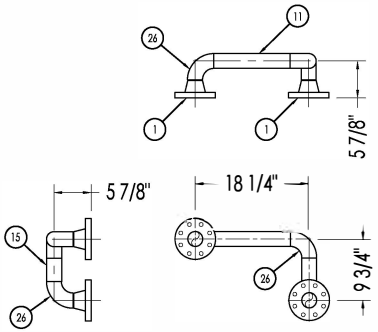
ASME B31.3 2022 ED. (NORMAL SERVICE)	
BMS AQP: 1009	REGISTERED WELD PROCEDURE: 505.2
FOR PIPING TOLERANCES, SEE WELDER HANDBOOK	
FLUID TYPE: WATER, OIL, GAS	PIPING SPEC: BSL
"BSL" M.A.W.P.: 720 PSIG @ -49°F TO 100°F	
P.W.H.T.: N/A	
RADIOGRAPHY: 100%	MPI: 100% OLET
HARDNESS: 15% (SEE NOTE)	OTHER NDE: N/A
CORROSION ALLOWANCE: 1/16"	
HYDROSTATIC TEST: 1100 PSIG AT ROOM TEMP	



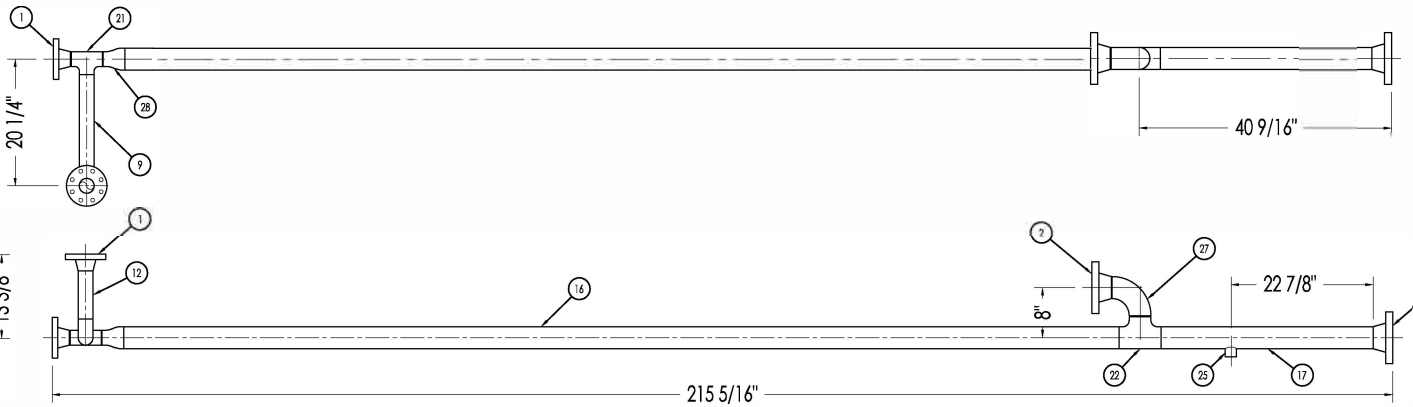
SP04



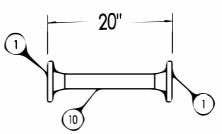
SP05



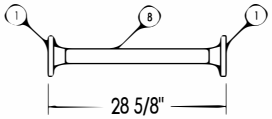
SP01



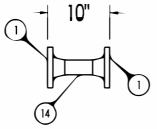
SP06



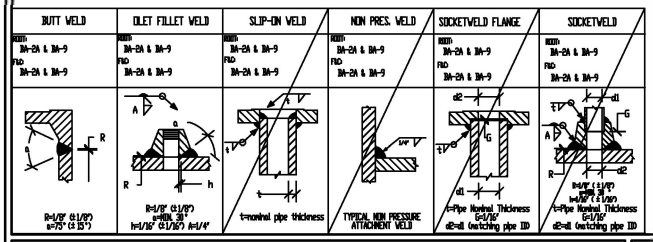
SP02



SP07/SP08



SP03



ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

AS BUILT

CLIENT:

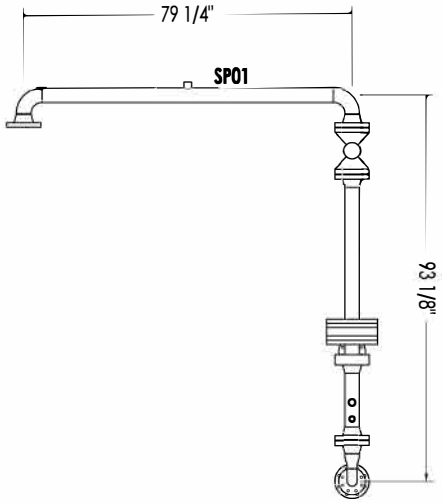
RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

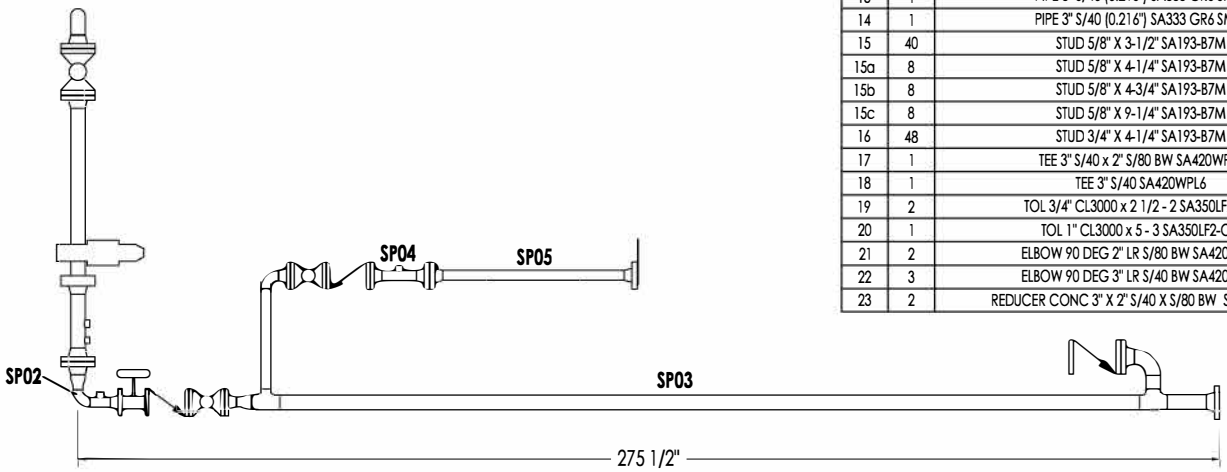
TITLE: PIPNG D - LIQUID OUTLET

WO No.: 02561	LSD: LOCATION TBD		REVISION:
SIZE: B	UNIT No.:	DRAWN BY: J. SCHM.	DRAWN DATE: 2025-08-28
DWG No.: 02 561 4PING D		SHEET: 2 OF 2	SCALE: NTS

0



ASSEMBLY LEFT VIEW



ASSEMBLY FRONT VIEW

BOM

ITEM	QTY.	DESCRIPTION	LENGTH
1	4	FLANGE 2" 300 ANSI S/80 RFWN SA350LF2-CL1	
1a	3	FLANGE 2" 600 ANSI S/80 RFWN SA350LF2-CL1	
2	5	FLANGE 3" 300 ANSI S/40 RFWN SA350LF2-CL1	
3	7	GASKET 2" FLEX CGI CL300 316/FG B1 6.2	
3a	3	GASKET 2" FLEX CGI CL600 316/FG B1 6.2	
4	6	GASKET 3" FLEX CGI CL300 316/FG B16.2	
5	128	NUT 5/8" SA-194-2HM	
6	96	NUT 3/4" SA-194-2HM	
7	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	43 3/4"
8	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	24 3/8"
9	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	8 5/16"
10	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	4 7/8"
11	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	207 7/16"
12	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	70 1/4"
13	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	9 7/16"
14	1	PIPE 3" S/40 (0.216") SA333 GR6 SMLS	3 1/4"
15	40	STUD 5/8" X 3-1/2" SA193-B7M	
15a	8	STUD 5/8" X 4-1/4" SA193-B7M	
15b	8	STUD 5/8" X 4-3/4" SA193-B7M	
15c	8	STUD 5/8" X 9-1/4" SA193-B7M	
16	48	STUD 3/4" X 4-1/4" SA193-B7M	
17	1	TEE 3" S/40 x 2" S/80 BW SA420WPL6	
18	1	TEE 3" S/40 SA420WPL6	
19	2	TOL 3/4" CL3000 x 2 1/2 - 2 SA350LF2-CL1	
20	1	TOL 1" CL3000 x 5 - 3 SA350LF2-CL1	
21	2	ELBOW 90 DEG 2" LR S/80 BW SA420WPL6	
22	3	ELBOW 90 DEG 3" LR S/40 BW SA420WPL6	
23	2	REDUCER CONC 3" X 2" S/40 X S/80 BW SA420WPL6	

NOTES:

1. REFER TO P&ID FOR VALVE AND INSTRUMENT SPECIFICATIONS
2. REFER TO P&ID FOR THREADED PIPING & COMPONENTS MATERIAL SPECIFICATIONS
3. CHECK OPERATION OF ALL VALVE HANDLES / WHEELS FOR CLEARANCE
4. SOUR PIPING c/w 15% HARDNESS TESTING, HARDNESS SHALL NOT EXCEED 200 BHN
5. 1/8" WELD GAP IS COUNTED BETWEEN FITTINGS
6. NO WELD GAP IS COUNTED BETWEEN FITTINGS & PIPE

PAINTING & COATING NOTES:

1. EXTERNAL PAINT:
   SURFACE PREP: SSPC-SP3
   PRIMER: CLOVERDALE ALKYD PRIMER AS PER MANUFACTURER'S SPECIFICATIONS
   PAINT: CLOVERDALE ALKYD MARINE ENAMEL AS PER MANUFACTURER'S SPECIFICATIONS
   COLOR: WARM GREY

AS BUILT

ARGO SALES LP
ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
0	2025-09-05	ISSUED FOR CONSTRUCTION	JS	DM	DM
A	2025-09-04	ISSUED FOR APPROVAL	JS	DM	DM

CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

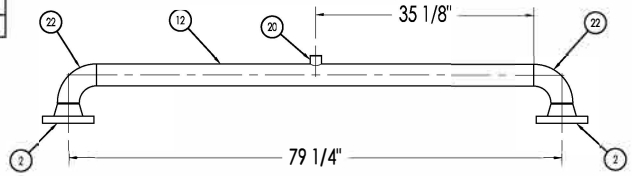
PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: PIPNG E - GAS OUTLET

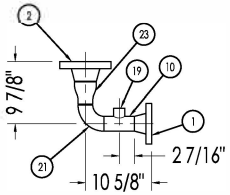
WO No.:	02561	LSD:	LOCATION TBD	REVISION:
SIZE: B	UNIT No.: -	DRAWN BY:	J. SCHM.	DRAWN DATE: 2025-08-28
	DWG No.: 02561-PIPING E		SHEET: 1 OF 2	SCALE: NTS

0

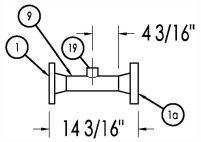
ASME B31.3 2022 ED. (NORMAL SERVICE)	
BMS AQP: 1009	REGISTERED WELD PROCEDURE: 505.2
FOR PIPING TOLERANCES, SEE WELDER HANDBOOK	
FLUID TYPE: WATER, OIL, GAS	PIPING SPEC: BSL
"BSL" M.A.W.P.: 720 PSIG @ -49°F TO 100°F	
P.W.H.T.: N/A	
RADIOGRAPHY: 100%	MPI: 100% OLET
HARDNESS: 15% (SEE NOTE)	OTHER NDE: N/A
CORROSION ALLOWANCE: 1/16"	
HYDROSTATIC TEST: 1100 PSIG AT ROOM TEMP	



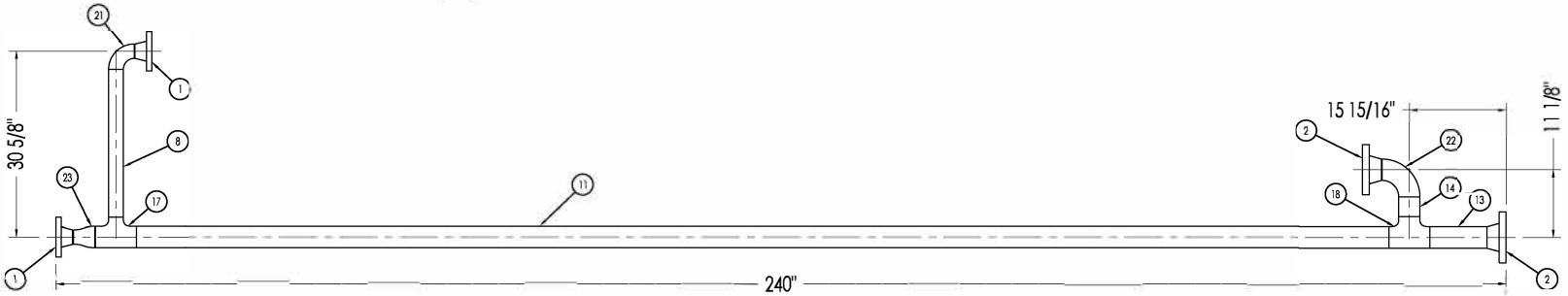
SP01



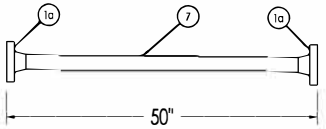
SP02



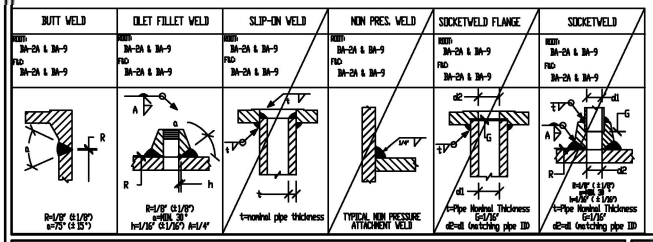
SP04



SP03



SP05



AS BUILT

ARGO SALES LP

ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

CLIENT:

RARE OILFIELD SERVICES

ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

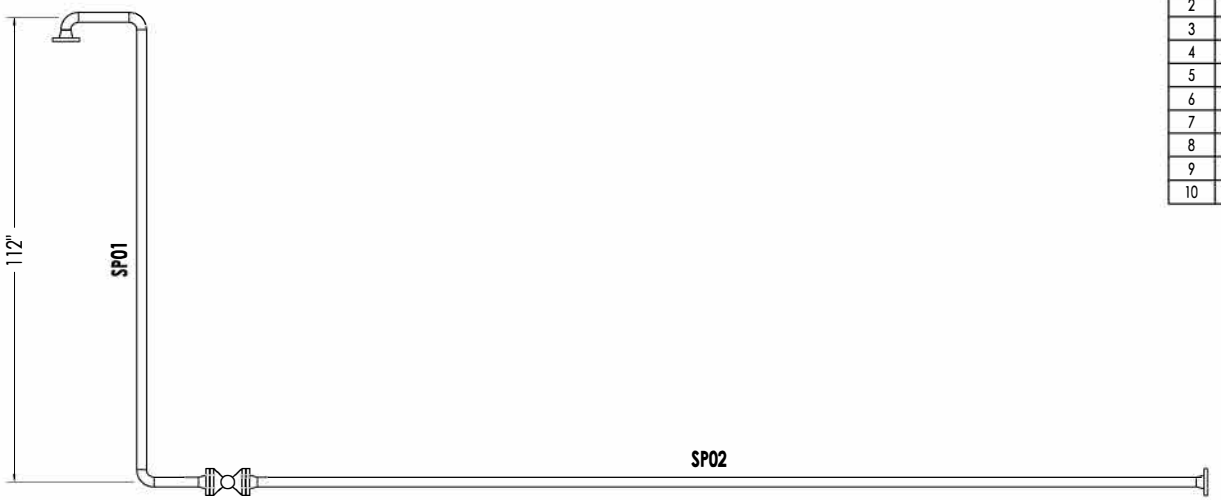
PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: PIPNG E - GAS OUTLET

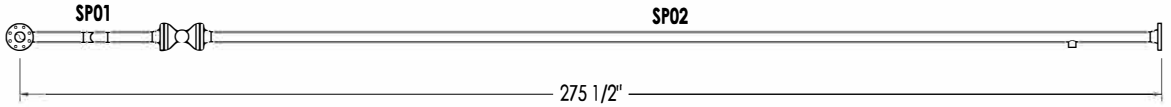
WO No.: 02561	LSD: LOCATION TBD		REVISION:
SIZE: B	UNIT No.:	DRAWN BY: J. SCHM	DRAWN DATE: 2025-08-28
	DWG No.: 02561-PIPING E	SHEET: 2 OF 2	SCALE: NTS

0

BOM			
ITEM	QTY.	DESCRIPTION	LENGTH
1	4	FLANGE 2" 300 ANSI S/80 RFWN SA350LF2-CL1	
2	3	GASKET 2" FLEX CGI CL300 316/FG B16.2	
3	48	NUT 5/8" SA-194-2HM	
4	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	226 9/16"
5	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	106"
6	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	12 1/4"
7	1	PIPE 2" S/80 (0.218") SA333 GR6 SMLS	10 11/16"
8	24	STUD 5/8" X 3-1/2" SA193-B7M	
9	1	TOL 1" CL3000 x 2 1/2 - 2 SA350LF2-CL1	
10	3	ELBOW 90 DEG 2" LR S/80 BW SA420WPL6	



ASSEMBLY TOP VIEW



ASSEMBLY FRONT VIEW

AS BUILT

NOTES:

1. REFER TO P&ID FOR VALVE AND INSTRUMENT SPECIFICATIONS
2. REFER TO P&ID FOR THREADED PIPING & COMPONENTS MATERIAL SPECIFICATIONS
3. CHECK OPERATION OF ALL VALVE HANDLES / WHEELS FOR CLEARANCE
4. SOUR PIPING c/w 15% HARDNESS TESTING, HARDNESS SHALL NOT EXCEED 200 BHN
5. 1/8" WELD GAP IS COUNTED BETWEEN FITTINGS
6. NO WELD GAP IS COUNTED BETWEEN FITTINGS & PIPE

PAINTING & COATING NOTES:

1. EXTERNAL PAINT:
   SURFACE PREP: SSPC-SP3
   PRIMER: CLOVERDALE ALKYD PRIMER AS PER MANUFACTURER'S SPECIFICATIONS
   PAINT: CLOVERDALE ALKYD MARINE ENAMEL AS PER MANUFACTURER'S SPECIFICATIONS
   COLOR: WARM GREY

ARGO SALES LP
ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
0	2025-09-05	ISSUED FOR CONSTRUCTION	JS	DM	DM
A	2025-09-04	ISSUED FOR APPROVAL	JS	DM	DM

CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

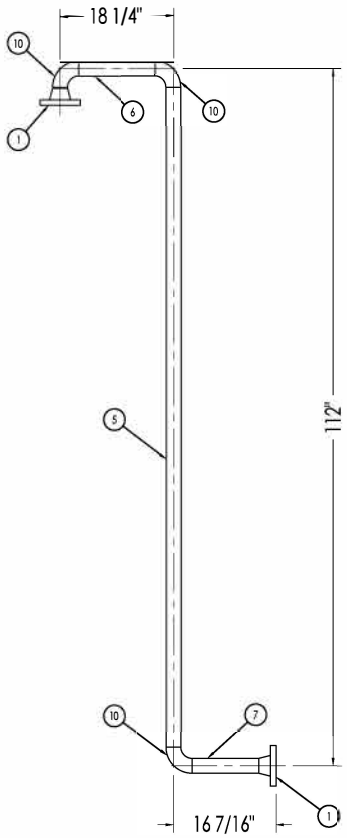
TITLE: PIPNG F- DRAIN

WO No.:	LSD:	REVISION:
02561	LOCATION TBD	0

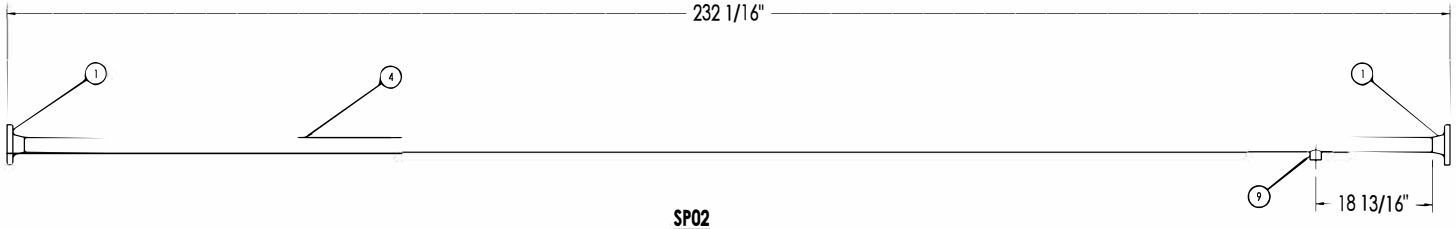
SIZE:	UNIT No.:	DRAWN BY:	DRAWN DATE: YYYY/MM/DD	SHEET:	SCALE:
B		J. SCHM.	2025-08-28	1 OF 2	NTS

DWG No.: 02561-PIPING F

ASME B31.3 2022 ED. (NORMAL SERVICE)	
BMS AQP: 1009	REGISTERED WELD PROCEDURE: 505.2
FOR PIPING TOLERANCES, SEE WELDER HANDBOOK	
FLUID TYPE: WATER, OIL, GAS	PIPING SPEC: BSL
"BSL" M.A.W.P.: 720 PSIG @ -49°F TO 100°F	
P.W.H.T.: N/A	
RADIOGRAPHY: 100%	MPI: 100% OLET
HARDNESS: 15% (SEE NOTE)	OTHER NDE: N/A
CORROSION ALLOWANCE: 1/16"	
HYDROSTATIC TEST: 1100 PSIG AT ROOM TEMP	



SP01

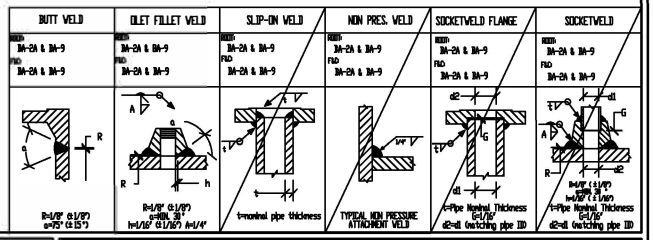


SP02

AS BUILT

ARGO SALES LP

ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____



CLIENT:

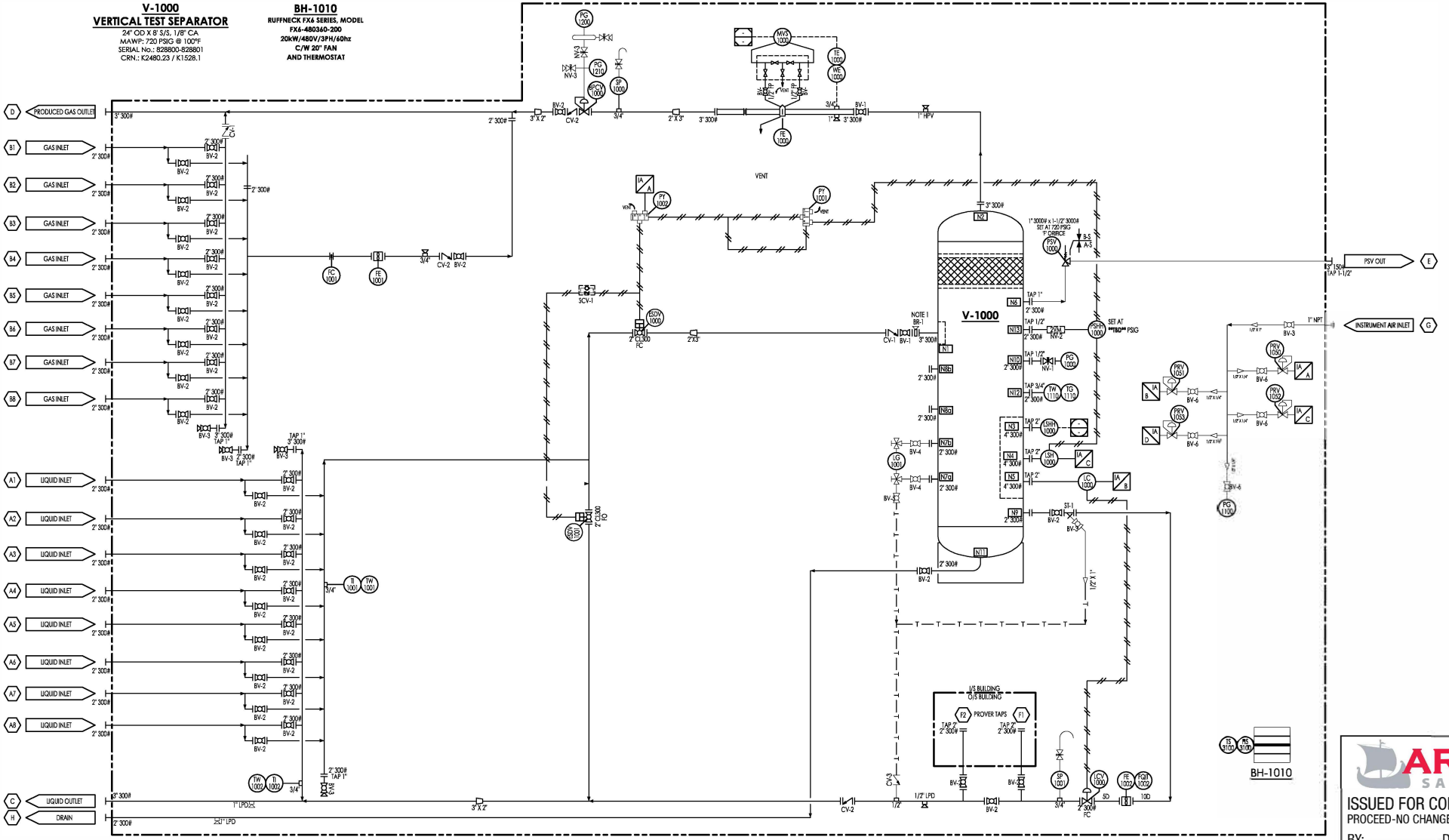
RARE OILFIELD SERVICES

ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: PIPNG F- DRAIN

WO No.: 02561	LSD: LOCATION TBD	REVISION: 0
SIZE: B	UNIT No.:	DRAWN BY: J. SCHM.
DWG No.: 02561-PIPING F		DRAWN DATE: 2025-08-28
		SHEET: 2 OF 2
		SCALE: NTS



ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
2	2025-11-28	AS BUILT	JS	DM	
1	2025-09-26	ADDED 8th INLET TO GAS AND LIQUID HEADERS	DM	DM	
0	2025-09-10	ISSUED FOR CONSTRUCTION	DM	DM	
C	2025-09-08	UPDATED INSTRUMENTS	DM	DM	
B	2025-08-25	REVISED PER RARE REDLINES	AG	DM	
A	2025-08-12	ISSUED FOR APPROVAL	AG/DM	DM	

CLIENT:

RARE OILFIELD SERVICES

ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S X 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: P&ID

WO No.: 02561		LSD: LOCATION TBD		REVISION: 2
SIZE: B	UNIT No.: -	DRAWN BY: A.GEND.	DRAWN DATE: 2025-08-01	
	DWG No.: 02561-P&ID		SHEET: 1 OF 2	SCALE: NTS

INSTRUMENT LIST

ITEM	QTY	DESCRIPTION
BPCV-1000	1	SURFLO CONTROL VALVE, 2" CLASS 300 RF, CS BODY, SF55 SLEEVE, 316SS 3/16" PERF CONE, NAC,. SD10V-C-55-S63-2.3 C/W CENTERING KIT. 2" CL300 SF10V-2.3 & 3" NPS X 12" X 1000PSI EXPANSION 4.25" LG LOW TEMP, NACE
ESDV-1000	1	BALON 2" CLASS 300 RF FP, FLOATER, LCC BODY, NACE, LOW TEMP C/W CVS PNEUMATIC SPRING RETURN ACTUATOR, 40 PSI SUPPLY, FC
ESDV-1001	1	BALON 2" CLASS 300 RF FP, FLOATER, LCC BODY, NACE, LOW TEMP C/W CVS PNEUMATIC SPRING RETURN ACTUATOR, 40 PSI SUPPLY, FO
FC-1001	1	CANALTA 2" 300#CONTOUR INNER GASKET STYLE 316 FLOW CONDITIONER, 316SS, 2601GFC80CK5-316SS,1/8" THK.
FE-1000	1	MIQUELON SENIOR METER RUN, 3" CLASS 600 FLANGED, SCH. 80, PIN FLOW CONDITIONER, (1) - 1" FNPT, (1) - 3/4" FNPT, 63" OAL, LOW TEMP, NACE
FE-1001	1	PRAIRIE STORM GAS METER, DETAILS TO BE CONFIRMED
FE/FQIT-1002	1	NUFLO TURBINE FLOW METER, 2" EZ-IN X 1", 316LSS, 170-1700 BPD, NACE, 9A-100005115 C/W MAGNETIC PICKUP, 7/8" - 8", 9A-100002077 & HARDWARE KIT, 2" CLASS 3/600, NACE, 2296600 & MC-III TOTALIZER, 4-20mA, LCD DISPLAY, CSA, XP, CL.1 DIV.1, 9A-50179024, 2.5" LG
LC-1000	1	FISHER L2 LEVEL CONTROLLER, 2" MNPT, 3705 PSI, LCC, NACE, PNEUMATIC SNAP, BACK MOUNT, SA, 0-30PSI, 1-7/8" OD X 12" PVC DISPLACER
LCV-1000	1	FISHER D3 CONTROL VALVE, 2" CL300 RF, LCC BODY, 1" SST TRIM, 17-4PH SST PLUG AND SEAT, INTEGRAL ACTUATOR, FAIL CLOSED, 0-35 PSI OPERATING SIGNAL, NACE
LG-1001	1	QUALITY Q16120 SINGLE SECTION 2000PSI @100dF MAX PRESS. 9 1/8" VISIBLE GLASS C/W Q146 NACE GAUGE COCKS 3/4" PROCESS CONNECTION
LSH-100	1	SOR 1540C-G2A-C-J0-PS-CV-NC-MC, 2" NPT, 316SS BODY & FLOAT, NACE
LSHH-1000	1	SOR 1510C-G2A-C-L1-ES-CS-CV-MC, 2" NPT, 316SS BODY & FLOAT, NACE
LSLL-1000	1	SOR 1510C-G2A-C-L1-ES-CS-CV-MC, 2" NPT, 316SS BODY & FLOAT, NACE
MVS/TE-1000	1	ROSEMOUNT 4088 MULTIVARIABLE TRANSMITTER, MODEL 4088B2P13G4R3E131AE6M5Q15, 0.10 DP ACCURACY, DIFFERENTIAL PRESSURE, STATIC PRESSURE AND TEMPERATURE, -1000 to 1000 inH2O DIFF PRESSURE, RTD TEMP INPUT, ALLUMINUM HOUSING, EXP PROOF, LCD DISPLAY, C/W 5 VALVE MANIFOLD, AND RTD
PG-1000	1	WGI PRESSURE GUAGE, 4" FACE, 1500 PSI, DUAL SCALE, 316LSS BODY & INTERNALS, 1/2" MNPT, BOTTOM MOUNT, SILICONE FILLED
PG-1200	1	WGI PRESSURE GUAGE, 2-1/2" FACE, 200PSI, DUAL SCALE, 316LSS BODY & INTERNALS, 1/4" MNPT, BOTTOM MOUNT, SILICONE FILLED
PG-1210	1	WGI PRESSURE GUAGE, 2-1/2" FACE, 200 PSI, DUAL SCALE, 316LSS BODY & INTERNALS, 1/4" MNPT, CBM, SILICONE FILLED
PRV-1050	1	FISHER 67CFR PRESSURE REDUCING REGULATOR, 1/4" FNPT, ALUMINUM BODY & SPRING CASE, 1/4" SPRING CASE VENT, 0-125 PSI RANGE
PRV-1051 / 1052 / 1053	3	FISHER 67CFR PRESSURE REDUCING REGULATOR, 1/4" FNPT, ALUMINUM BODY & SPRING CASE, 1/4" SPRING CASE VENT, 0-35 PSI RANGE
PSV-1000	1	MERCER 9100 SAFETY RELIEF VALVE, 1" FNPT X 1-1/2" FNPT, 'F' ORIFICE, CF3M STAINLESS BODY, 316SS TRIM, TEFLON SEAT, SET AT 720 PSIG, 91-22F71T21NX5
PSHH-1000	1	FISHER 4660 PNEUMATIC PRESSURE SWITCH HIGH, NACE, SET RANGE 30 to 970 PSIG, OIL AND GAS COMPOSITION, -59°C TO 71°C OPERATING TEMPERATURES
PY-1001	1	AMOT 4057 3-WAY PILOT VALVE, MANUAL LATCH CP
PY-1002	1	AMOT 4057 3-WAY PILOT VALVE, CG
SP-1000/1001	2	WELKER THREADED QUILL, 3/4" MNPT X 1/2" FNPT X 3-1/2" OAL X 1-3/4" U X 0.260" BORE, 45° TIP, 316SS, CRN
TG/TW 1110	1	WGI TEMPERATURE GAUGE, 3" FACE X 9" STEM, -40°F TO 160°F, DUAL SCALE, 304SS, 1/2" MNPT, CENTER BACK MOUNT, C/W THERMOWELL, 3/4" MNPT X 1/2" FNPT X 9" X 0.260" STEP, 316LSS

VALVE LIST

ITEM	QTY	DESCRIPTION
BV-1	2	BALON BALL VALVE, 3" CL300 RF, RP, NACE/LT, LEVER OP, MODEL 3R-F33NL-RF
BV-2	39	BALON BALL VALVE, 2" CL300 RF, RP, NACE/LT, LEVER OP, MODEL 2R-F33NL-RF
BV-3	6	BALON 1" 3000# FP, NACE/LT 316SS BB MODEL 1F-F03NL-SE C/W HANDLE
BV-4	2	BALON 3/4" 3000# FP, NACE/LT 316SS BB MODEL 3/4F-F03NL-SE C/W HANDLE
BV-5	3	BALON 1/2" 3000# FP, NACE/LT 316SS BB MODEL 1/2F-F03NL-SE C/W HANDLE
BV-6	5	BALON 1/4" 3000# FP, NACE/LT 316SS BB MODEL 1/4F-F03NL-SE C/W HANDLE
CV-1	1	WILLIAMS VALVE SWING CHECK 3" 300 FP RF NACE/LT LCC API-6D CSA MODEL 3017F-25HA-LCC -CV33FRFNLWIL
CV-2	3	WILLIAMS SWING CHECK VALVE 2" 300 FP RF NACE/LT LCC API-6D CSA MODEL 3017F-25HA-LCC -CV23FRFNLWIL
CV-3	1	VALVE SWING CHECK 1/2" 800 THRD NACE/LT LF2 TRIM 12 WILLIAMS F801T-62N LF2 - CV508TNLWIL
NV-1	1	WGI NEEDLE VALVE, 1/2" MNPT X 1/2 FNPT, 6000#, 316SS BODY & TRIM, MODEL WN1434
NV-2	1	AIRCOM 1/2" 2 VALVE MANIFOLD, 316SST BODY, 6000PSI, MODEL M-2GV-L-DM-08M-08F-P
NV-3	2	WGI NEEDLE VALVE 1/4" 6000 FXF 316SST HSOFT SEAT MODEL WN0412
SCV-1	1	REXROTH INLINE QUICK RELEASE VALVE, R431003039, ALUMINUM, 3/8", 200 PSI, -40°F TO 160°F
ST-1	1	ALBERTA Y-STRAINER, 2" CL300 RF, 316 BASKET, 1/8" PERF, NACE
BR-1	2	BLEED RING 3" 300#, SA516-70N C/W 1x$\frac{1}{2}$" NPT TAP

ARGO NOTES:

A. CLASS **BSL** THREADED PIPING TO BE SCH.**XX**H, A333 GR.6, FITTINGS TO BE 3000#, SA350LF2 CL.1
B. CLASS **BSL** THREADED PIPE AND PROCESS TUBING TO BE HYDROTESTED TO 1,110 PSIG
C. INSTRUMENT AIR TO BE VENTED INSIDE
D. PROCESS/FUEL GAS TO BE VENTED OUTSIDE AT EAVE HEIGHT
E. INSTRUMENTS TO BE RATED FOR NACE LOW TEMP

CLIENT NOTES:

1. 1/2" CHEMICAL INJECTION

ARGO SALES LP

ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

PACKAGE CONNECTION SCHEDULE

TAG	SIZE	RATING	DESCRIPTION
A1-A7	2"	CL300	LIQUID INLET
B1-B7	2"	CL300	GAS INLET
C	0'-3"	CL300	LIQUID OUTLET
D	2"	CL300	PRODUCED HAS OUTLET
E	3"	CL150	PSV OUT
F1/F2	2"	CL300	PROVERS
G	1" NPT	3000#	INSTRUMENT AIR INLET
H	2"	CL300	DRAIN

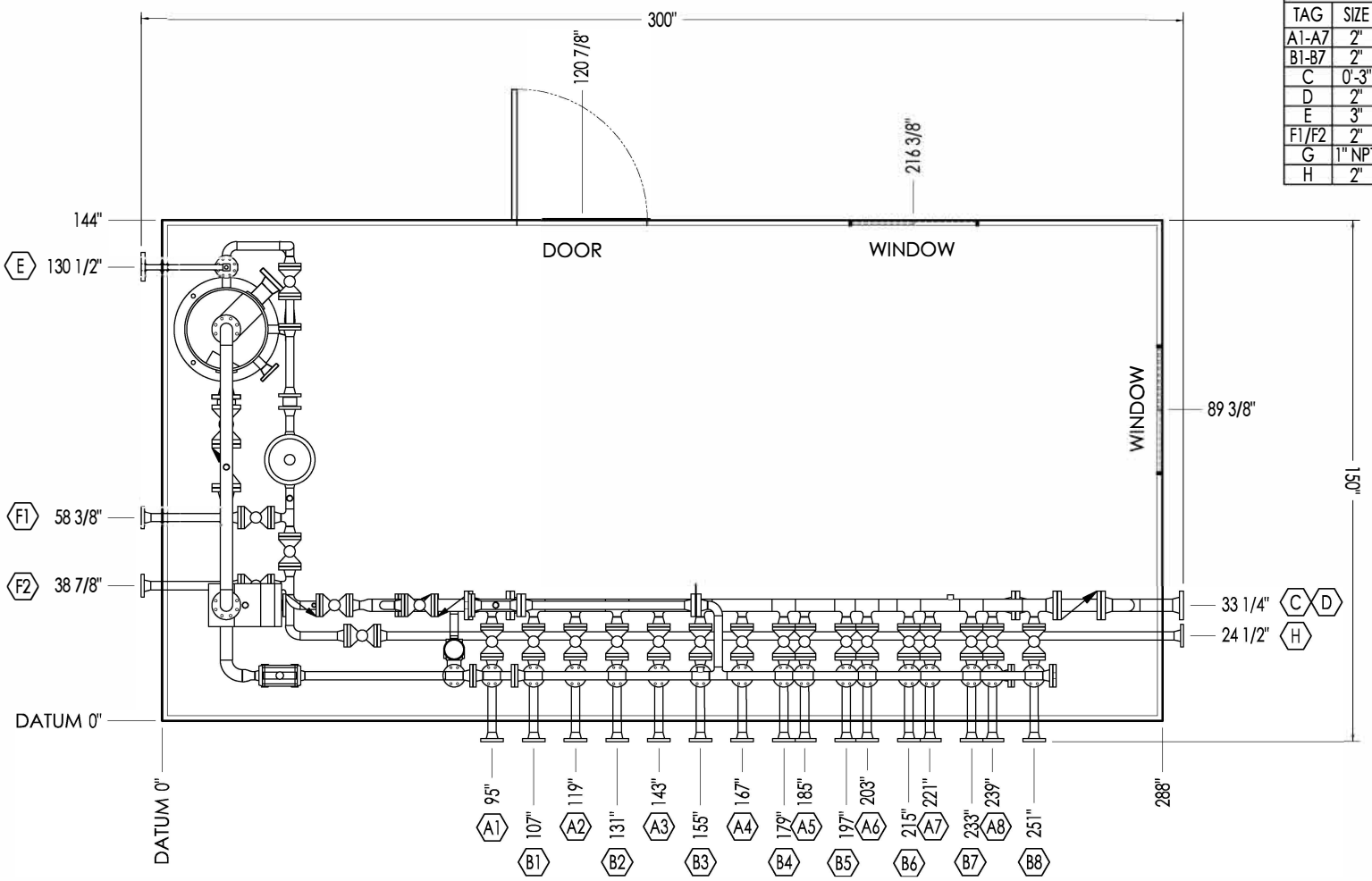
CLIENT:

RARE OILFIELD SERVICES
ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S X 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: P&ID

WO No.: 02561		LSD: LOCATION TBD			REVISION: 2
SIZE: B	UNIT No.: -	DRAWN BY: A.GEND.	DRAWN DATE: 08/05/2025		
	DWG No.: 02561-P&ID		SHEET: 2 OF 2	SCALE: NTS	



TOP VIEW

PACKAGE CONNECTION SCHEDULE			
TAG	SIZE	RATING	DESCRIPTION
A1-A7	2"	CL300	LIQUID INLET
B1-B7	2"	CL300	GAS INLET
C	0'-3"	CL300	LIQUID OUTLET
D	2"	CL300	PRODUCED HAS OUTLET
E	3"	CL150	PSV OUT
F1/F2	2"	CL300	PROVERS
G	1" NPT	3000#	INSTRUMENT AIR INLET
H	2"	CL300	DRAIN

NOTE:
-ALL MEASUREMENTS TO BOTTOM OF PIPE
-ESTIMATED SHIPPING DIMENSIONS: LENGTH - 25'-0"
WIDTH - 13'-3"
HEIGHT - 15'-11"
-ESTIMATED SHIPPING WEIGHT: 25500LBS

ARGO SALES LP
ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

REV. NO.	DATE YYYY/MM/DD	DESCRIPTION	REV BY	CHK'D BY	APPR BY
2	2025-11-28	AS BUILT	JS	DM	
1	2025-09-29	ADDED 8th INLET TO WATER AND GAS HEADERS	DM	DM	
0	2025-09-10	ISSUED FOR CONSTRUCTION	DM	DM	
B	2025-08-25	REVISED PER RARE REDLINES	AG	DM	
A	2025-08-12	ISSUED FOR APPROVAL	AG	DM	

CLIENT:

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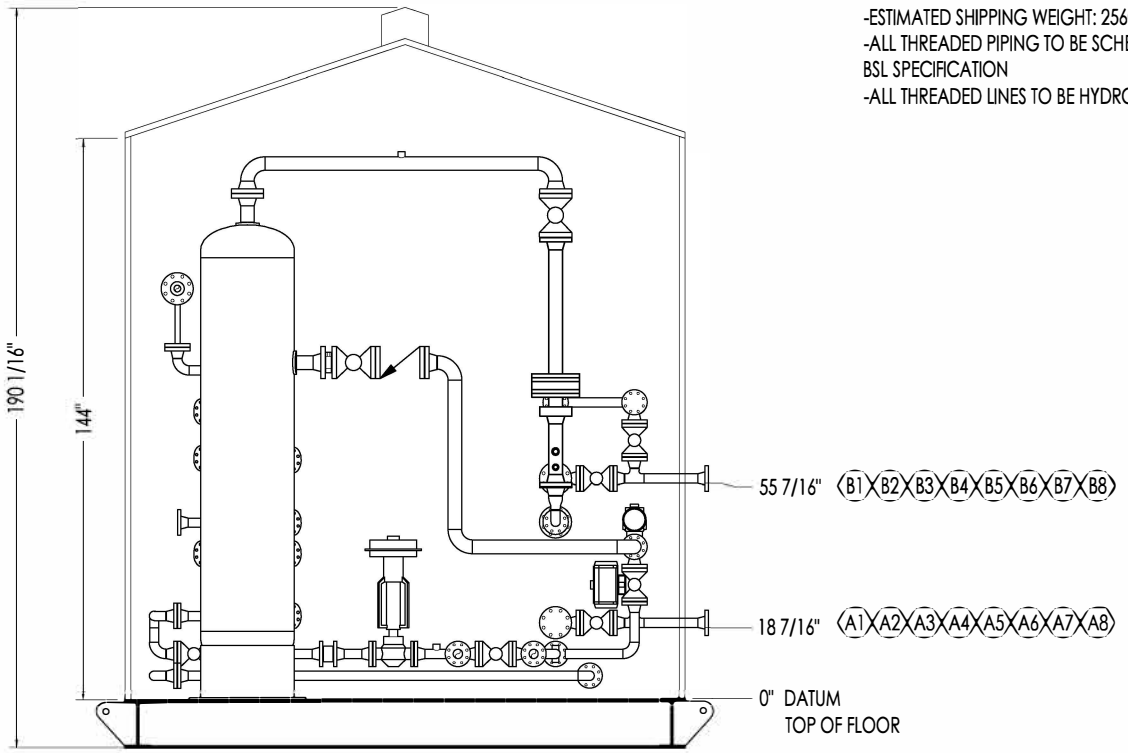
PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: LAYOUT - TOP VIEW

WO No.:	02561	LSD:	LOCATION TBD	REVISION:
SIZE: B	UNIT No.:	DRAWN BY:	A.GEND.	DRAWN DATE: 2025-08-01
	DWG No.: 02561-LAYOUT		SHEET: 1 OF 3	SCALE: NTS

2

NOTE:
-ALL MEASUREMENTS TO BOTTOM OF PIPE
-ESTIMATED SHIPPING DIMENSIONS: LENGTH - 25'-0"
WIDTH - 13'-3"
HEIGHT - 15'-9"
-ESTIMATED SHIPPING WEIGHT: 25600LBS
-ALL THREADED PIPING TO BE SCHEDULE XXS AND FITTINGS TO BE 3M AS PER TRIALTA BSL SPECIFICATION
-ALL THREADED LINES TO BE HYDROTESTED TO 1.5 X 740 PSI = 1110 PSI



LEFT VIEW

ARGO SALES LP
ISSUED FOR CONSTRUCTION
PROCEED-NO CHANGES__ AS NOTED__
BY:_____ DATE:_____

CLIENT:

RARE OILFIELD SERVICES

ARGO SALES LP
925 23 Street SW, Medicine Hat, Alberta, Canada T1A 8R1
Ph: (403) 526-3142 Fax: (403) 526-1061
Toll Free (800) 215-9806

PROJECT: 24" OD X 8' S/S 720 PSIG VERTICAL TEST SEPARATOR PACKAGE

TITLE: LAYOUT - LEFT SIDE VIEW

WO No.: 02561		LSD: LOCATION TBD			REVISION: 2
SIZE: B	UNIT No.:	DRAWN BY: A.GEND.	DRAWN DATE: 2025-08-01		
	DWG No.: 02561-LAYOUT		SHEET: 2 OF 3	SCALE: NTS	