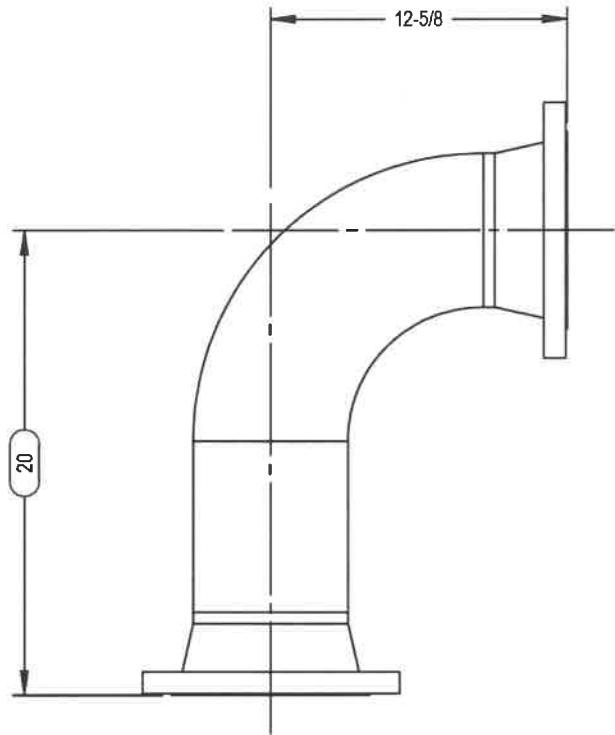
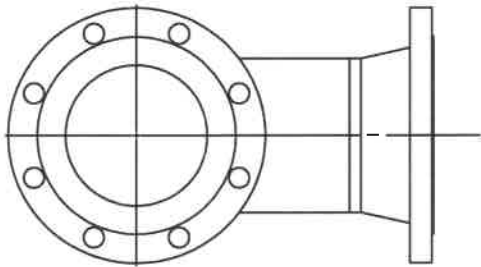


THIS DRAWING IS THE EXCLUSIVE PROPERTY OF NEXT COMPRESSION, AND CANNOT BE REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF NEXT COMPRESSION.

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3011785	ELBOW, 90LR, BW, 6"-STD/SCH40, A/SA234-WPB	
	2	2	3007337	FLANGE, RFWN, 6"-STD/SCH40, 150CL, A/SA105N	
	3	1	3000074	PIPE, SMLS, 6"-STD/SCH40, A/SA106-B	7 1/4"



PLAN



ELEVATION



PERMIT TO PRACTICE
NEXT COMPRESSION CORP.

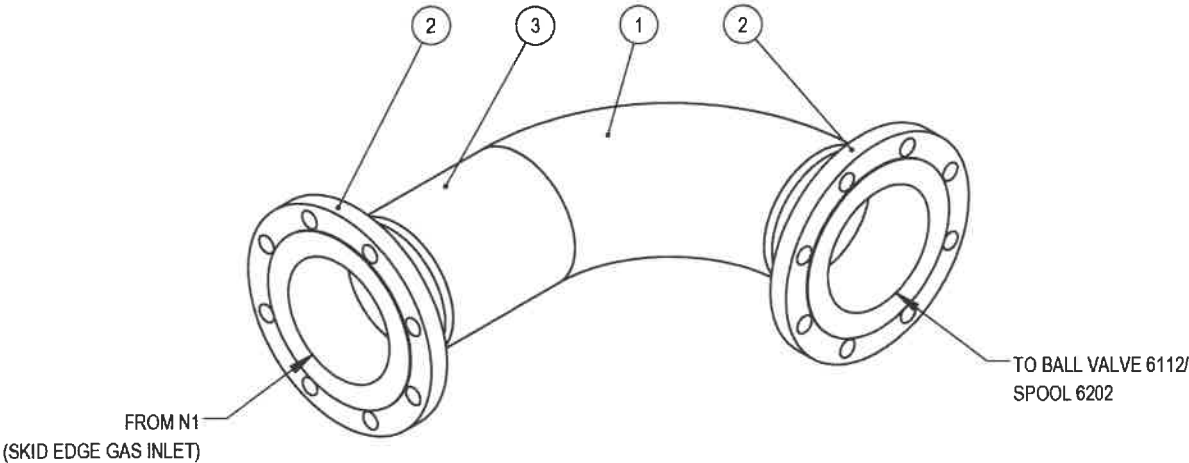
RM SIGNATURE: *[Signature]*

RM APEGA ID #: 37293

DATE: 2023-09-14

PERMIT NUMBER: P14344

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



ISOMETRIC

- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 82 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

SPPOOL ID

JOB # (LAST 3 DIGITS)

049-501

GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
		TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
PAINT:	NEXT STANDARD	PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	6/30/23	RR	NP

NEXT
COMPRESSION

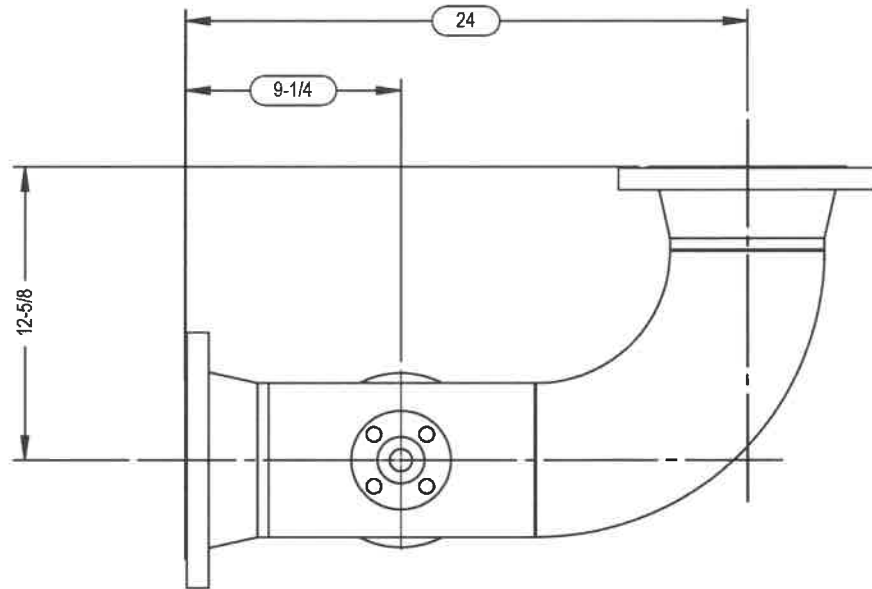
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2, 1 (800) 266-1568
WWW.NEXTCOMP.CA

LABOUR CODE:
F-6200

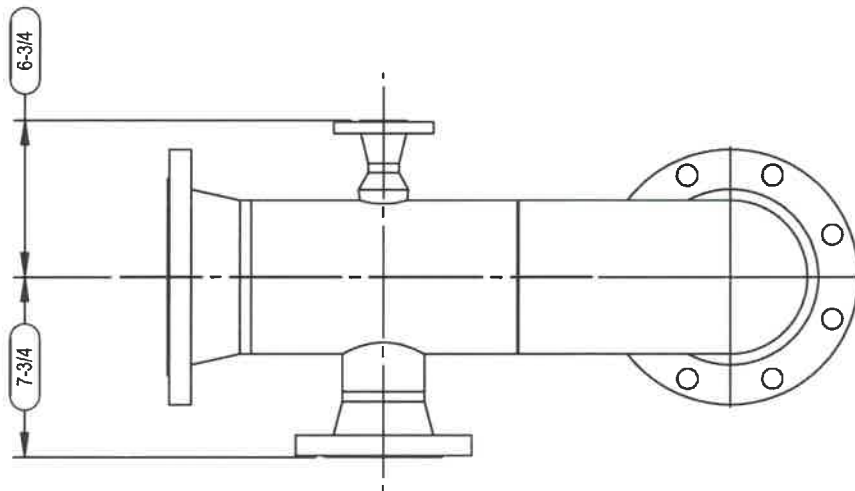
MATL CODE:
F-6201

TITLE: INLET SUCTION 1			
PROJECT: CNRL - VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA			
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7		
DRAWN DATE (MM/DD/YY): 06/23/23	CUSTOMER REF NO.:		
SHEET: 1 OF 1	DWG. NO.: 101121-6201	REV.: 0	

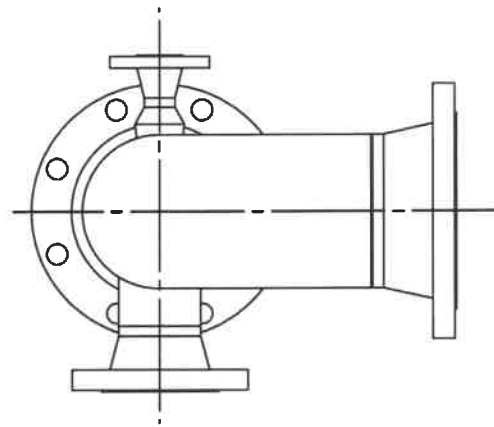
THIS DRAWING IS THE EXCLUSIVE PROPERTY OF NEXT COMPRESSION, AND CANNOT BE REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF NEXT COMPRESSION.



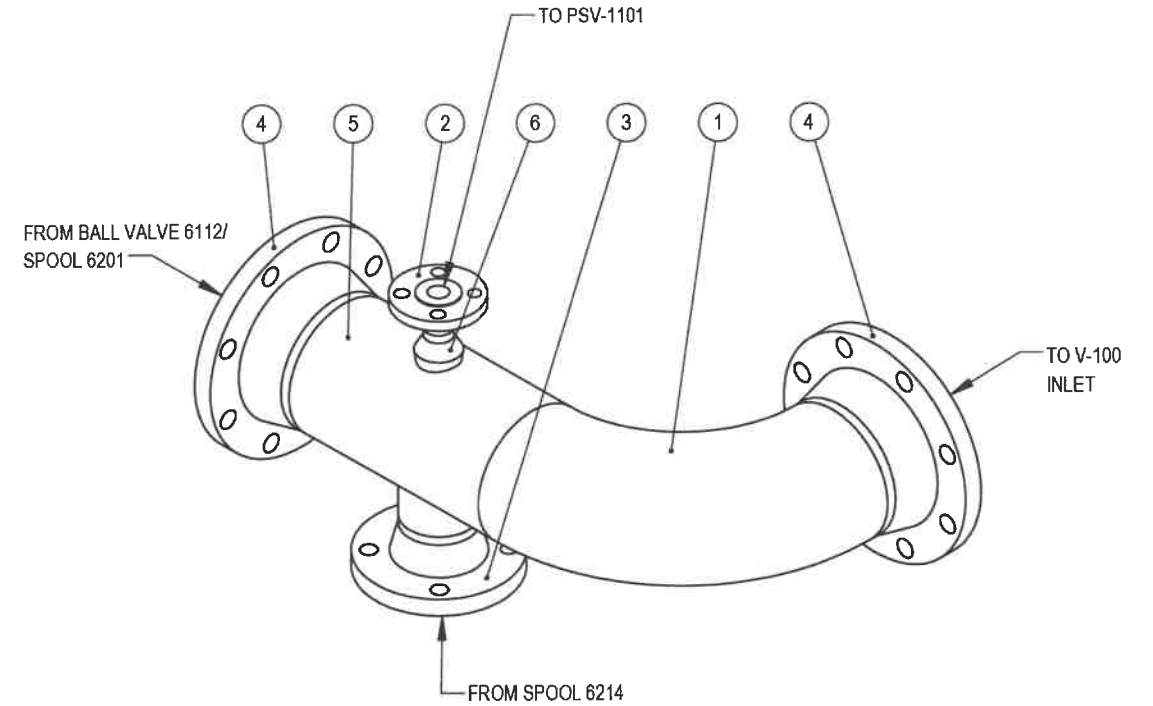
PLAN



ELEVATION

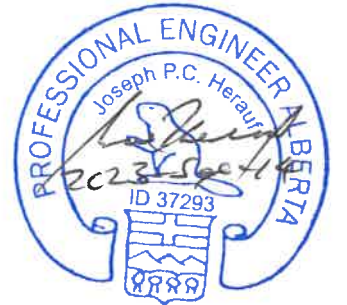
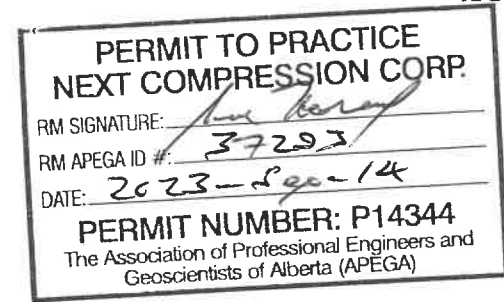


SIDE



ISOMETRIC

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3011785	ELBOW, 90LR, BW, 6"-STD/SCH40, A/SA234-WPB	
	2	1	3007314	FLANGE, RFWN, 1"-XS/SCH80, 150CL, A/SA105N	
	3	1	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	4	2	3007337	FLANGE, RFWN, 6"-STD/SCH40, 150CL, A/SA105N	
	5	1	3015113	TEE, REDUCING, BW, 6"-STD/SCH40 x 3"-STD/SCH40, A/SA234-WPB	
	6	1	TBD	WOL, 1"-XS/SCH80, A/SA105N, ON 6" RUN	



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$. ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 103.04 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

049-501

SPOOL ID

JOB # (LAST 3 DIGITS)

GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
PAINT:	NEXT STANDARD	TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT COMPRESSION

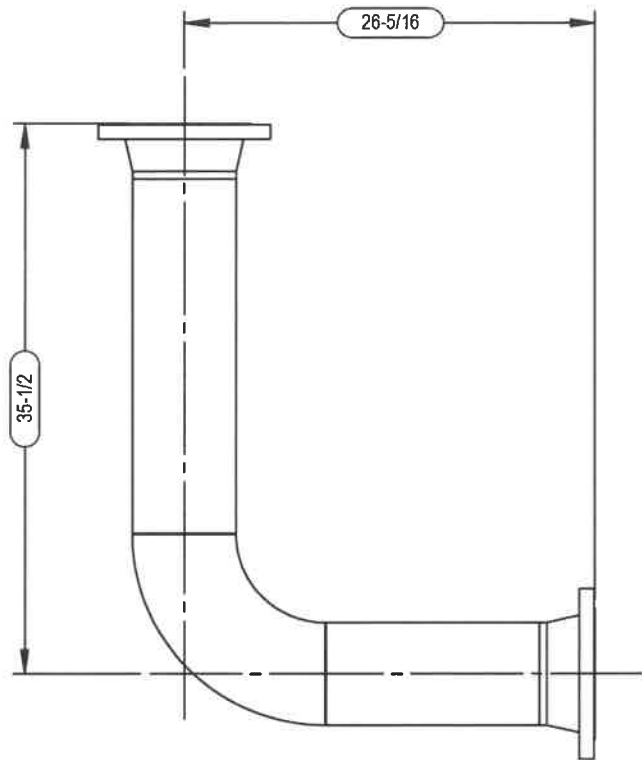
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA. T4A 0E2. 1 (800) 268-1598
WWW.NEXTCOMP.CA

LABOUR CODE: F-6200

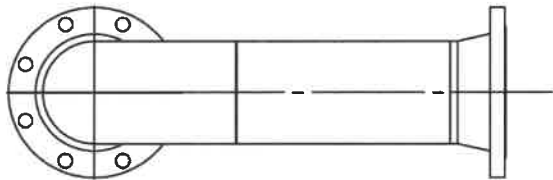
MATL CODE: F-6201

TITLE: INLET SUCTION 2	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. No.: 101121-6202
	REV.: 0

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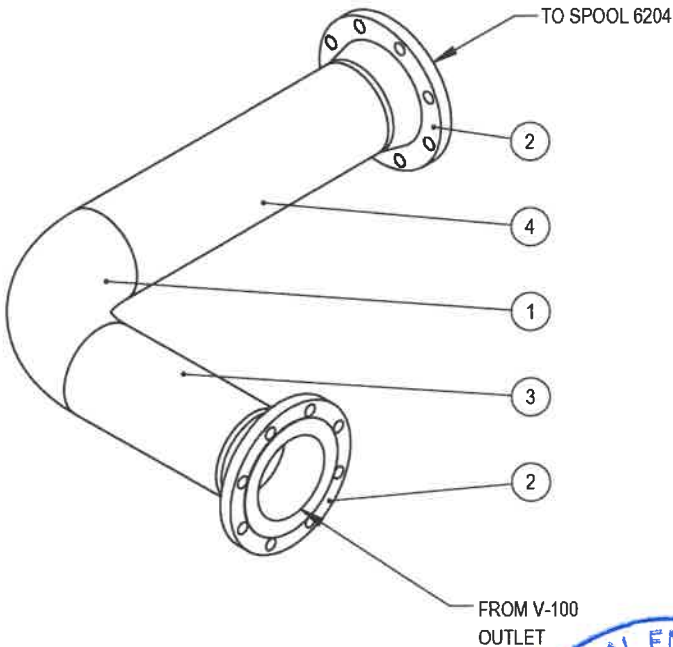


PLAN



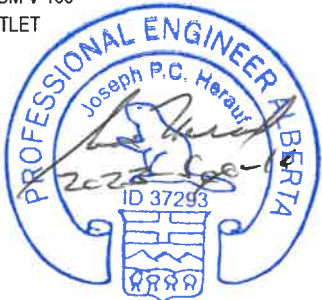
ELEVATION

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3011785	ELBOW, 90LR, BW, 6"-STD/SCH40, A/SA234-WPB	
	2	2	3007337	FLANGE, RFWN, 6"-STD/SCH40, 150CL, A/SA105N	
	3	1	3000074	PIPE, SMLS, 6"-STD/SCH40, A/SA106-B	13 9/16"
	4	1	3000074	PIPE, SMLS, 6"-STD/SCH40, A/SA106-B	22 3/4"

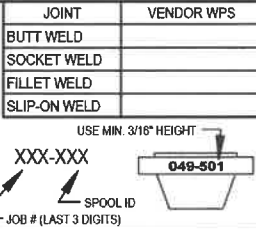


ISOMETRIC

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.
RM SIGNATURE: *Joseph P.C. Heral*
RM APEGA ID #: *37293*
DATE: *2023-Sep-14*
PERMIT NUMBER: P14344
The Association of Professional Engineers and
Geoscientists of Alberta (A.P.E.G.A.)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 128.41 LBS.



JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD				SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	428 PSIG
				PRIME:	NEXT STANDARD	TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
				PAINT:	NEXT STANDARD	PWHT:	NONE
						NDE:	RT 10% BW, MPI 10% FILLETS
						C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

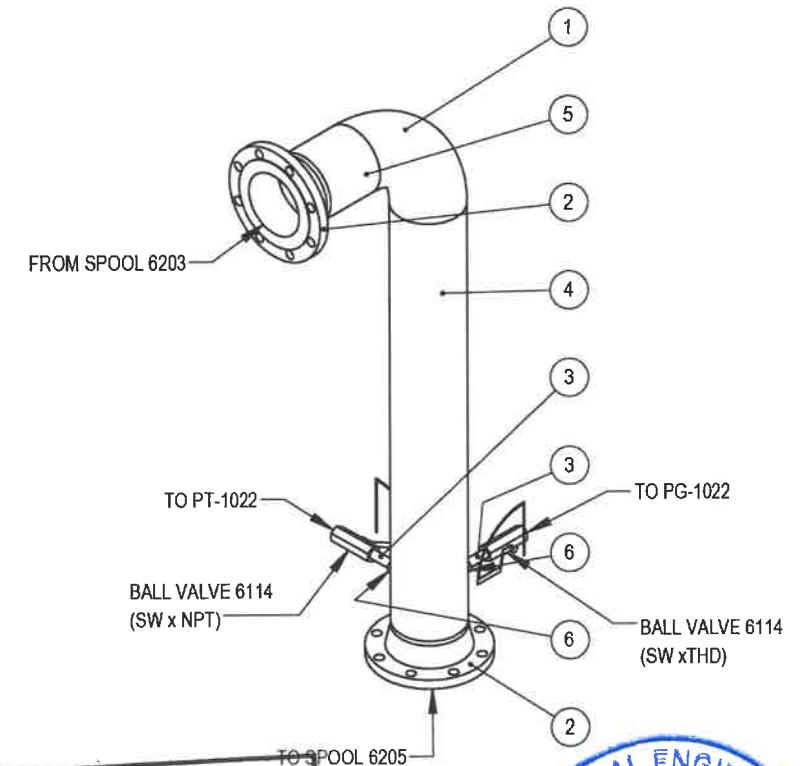
NEXT
COMPRESSION
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA, T4A 0E2, 1 (800) 258-1588
WWW.NEXTCOMP.CA

LABOUR CODE:
F-6200

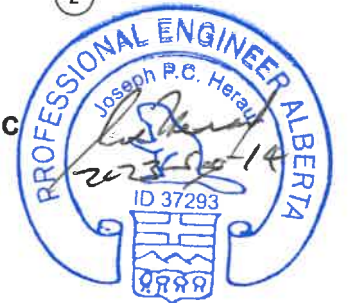
MATL CODE:
F-6201

TITLE: INLET SUCTION 3			
PROJECT: CNRL			
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA			
DRAWN BY:	RR	JOB NO.:	101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY):	06/26/23	CUSTOMER REF NO.:	-
SHEET:	1 OF 1	DWG. NO.:	101121-6203
		REV.:	0

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3011785	ELBOW, 90LR, BW, 6"-STD/SCH40, A/SA234-WPB	
	2	2	3007337	FLANGE, RFWN, 6"-STD/SCH40, 150CL, A/SA105N	
	3	2	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	3"
	4	1	3000074	PIPE, SMLS, 6"-STD/SCH40, A/SA106-B	43 7/8"
	5	1	3000074	PIPE, SMLS, 6"-STD/SCH40, A/SA106-B	5 13/16"
	6	2	TBD	SOL, 1/2", 3000CL, A/SA105N, ON 6" RUN	



T03
 PERMIT TO PRACTICE
 NEXT COMPRESSION CORP.
 RM SIGNATURE: *Joe Harvan*
 RM APEGA ID #: 37293
 DATE: 2023-09-14
 PERMIT NUMBER: P14344
 The Association of Professional Engineers and
 Geoscientists of Alberta (APEGA)



NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

1. ALL DIMENSIONS ARE IN INCHES.
2. LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
3. ALL DIMENSIONS ARE FITTING/FITTING.
4. ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
5. SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
6. THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
7. REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
8. ESTIMATED WEIGHT: 154.07 LBS.

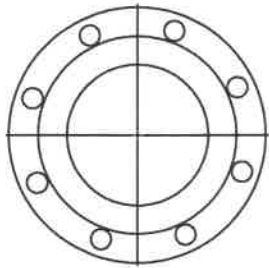
JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD				SURF. PREP.:	SSPC-SP23	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	428 PSIG
				PRIME:	NEXT STANDARD	TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
						PWHT:	NONE
				PAINT:	NEXT STANDARD	NDE:	RT 10% BW, MPI 10% FILLETS
						C.A.:	1/16"

[illegible]

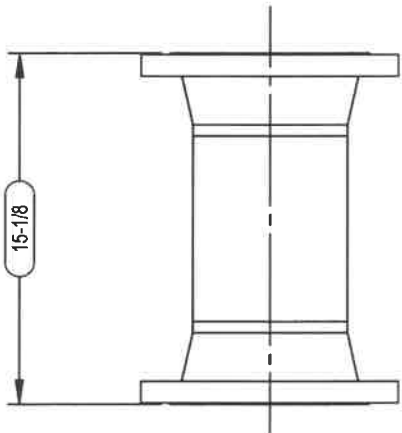
TITLE:		INLET SUCTION 4	
PROJECT:		CNRL - VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY:		RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY):		06/26/23	CUSTOMER REF NO.: -
SHEET:		1 OF 1	DWG. NO.: 101121-6204 REV.: 0

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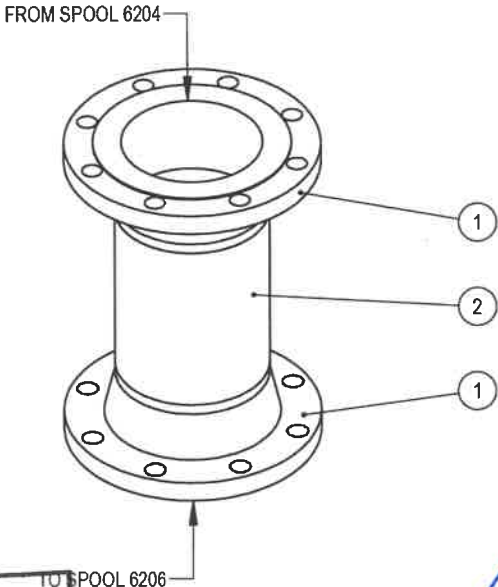
BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	2	3007337	FLANGE, RFWN, 6"-STD/SCH40, 150CL, A/SA105N	
	2	1	3000074	PIPE, SMLS, 6"-STD/SCH40, A/SA106-B	7 7/8"



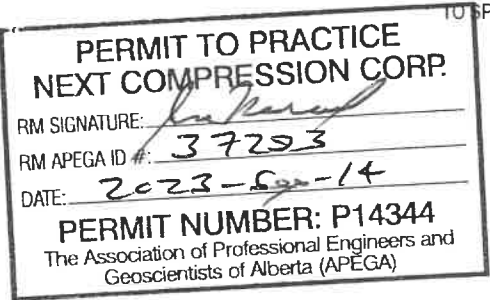
PLAN



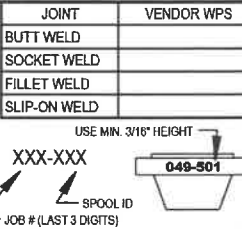
ELEVATION



ISOMETRIC



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 60.50 LBS.



GENERAL DATA		DESIGN DATA	
BUTT WELD		CODE:	ASME B31.3 (2022)
SOCKET WELD		FLUID CAT.:	NORMAL (SWEET)
FILLET WELD		SURF. PREP.:	SSPC-SP2/3
SLIP-ON WELD		TEST PRESSURE:	428 PSIG
		TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT COMPRESSION

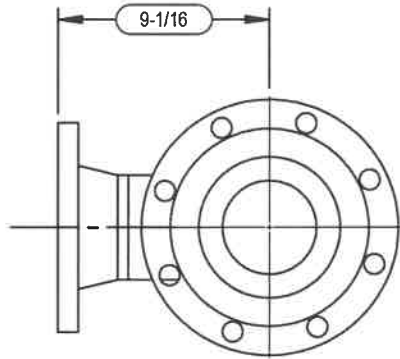
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2, 1 (800) 256-1566
WWW.NEXTCOMP.CA

LABOUR CODE: F-6200

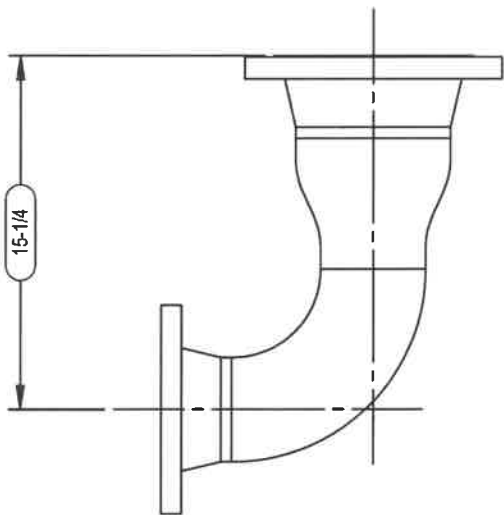
MATL CODE: F-6201

TITLE: INLET SUCTION 5			
PROJECT: CNRL			
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA			
DRAWN BY:	RR	JOB NO.:	101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY):	06/26/23	CUSTOMER REF NO.:	-
SHEET:	1 OF 1	DWG. No.:	101121-6205
		REV.:	0

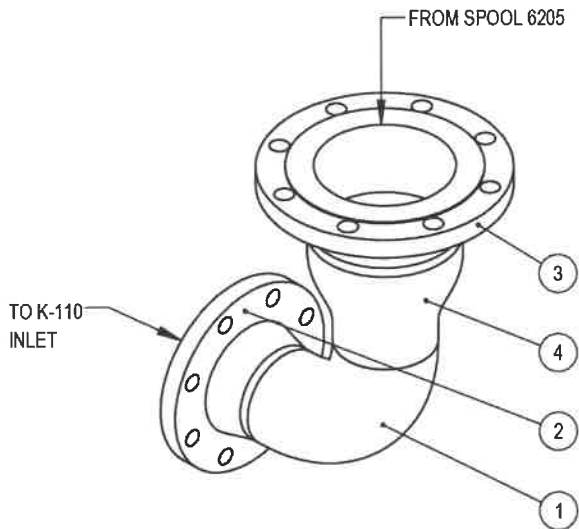
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PLAN



ELEVATION



ISOMETRIC

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.
RM SIGNATURE: *[Signature]*
RM APEGA ID #: 37293
DATE: 2023-05-14
PERMIT NUMBER: P14344
The Association of Professional Engineers and
Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 55.02 LBS.

JOINT

VENDOR WPS

GENERAL DATA

DESIGN DATA

BUTT WELD

SOCKET WELD

FILLET WELD

SLIP-ON WELD

PRIME:

PAINT:

USE MIN. 3/16" HEIGHT

XXX-XXX

SPOOL ID

JOB # (LAST 3 DIGITS)

049-501

GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
		TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
PAINT:	NEXT STANDARD	PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT

COMPRESSION

261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA. T4A 0E2. 1 (800) 258-1586
WWW.NEXTCOMP.CA

LABOUR CODE:

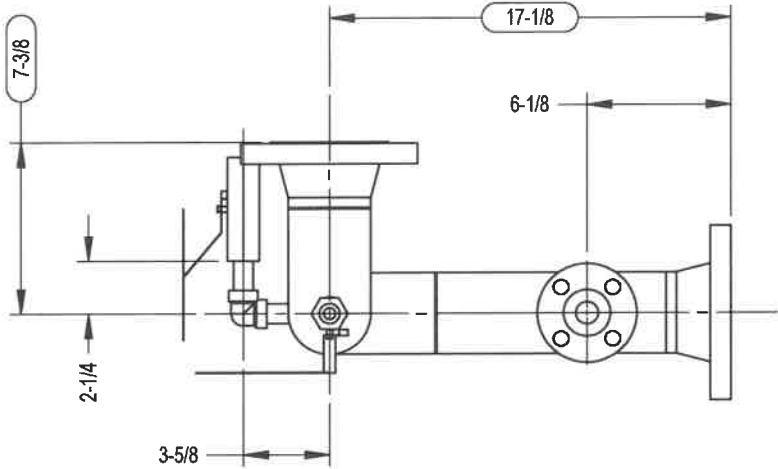
F-6200

MATL CODE:

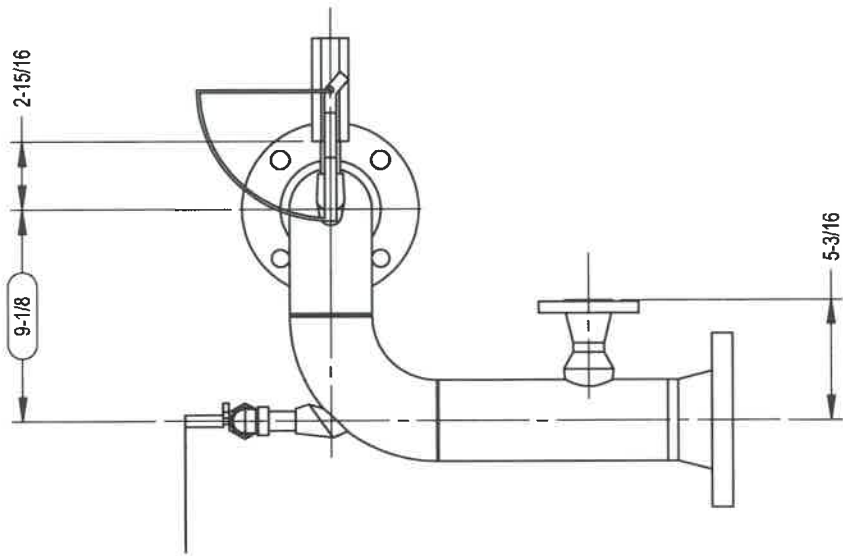
F-6201

TITLE: INLET SUCTION 6	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.:
SHEET: 1 OF 1	DWG. No.: 101121-6206
	REV.: 0

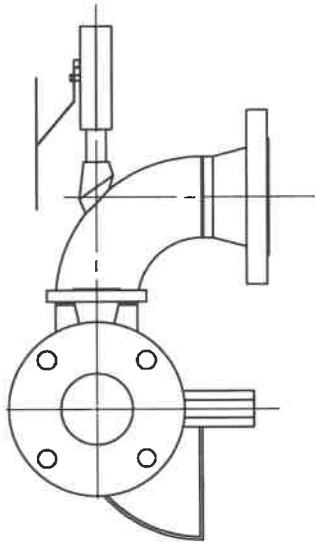
THIS DRAWING IS THE EXCLUSIVE PROPERTY OF NEXT COMPRESSION, AND CANNOT BE REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN PERMISSION OF NEXT COMPRESSION.



PLAN



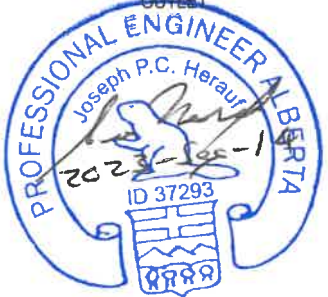
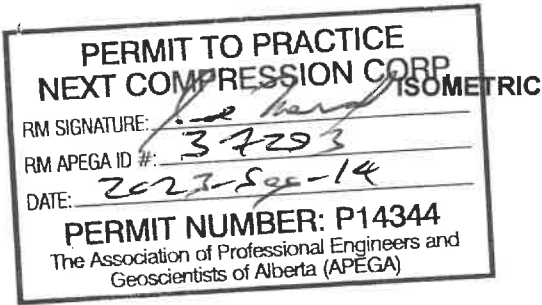
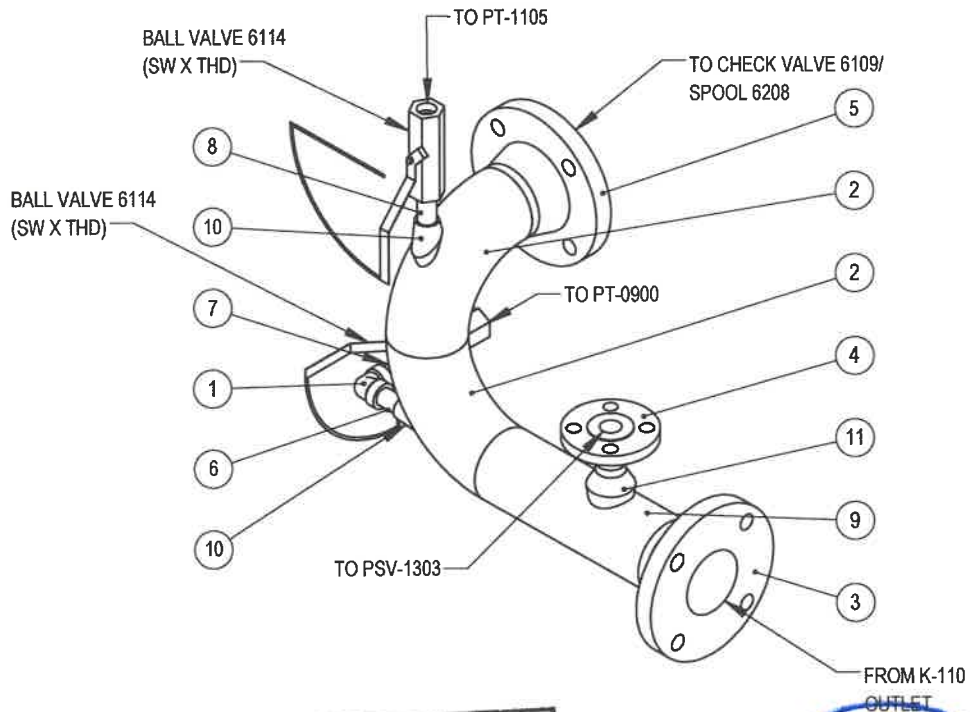
ELEVATION



SIDE

BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3018877	ELBOW, 90, SW, 1/2", 3000CL, A/SA105N	
	2	2	3011769	ELBOW, 90LR, BW, 3"-STD/SCH40, A/SA234-WPB	
	3	1	3008568	FLANGE, FFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	4	1	3007314	FLANGE, RFWN, 1"-XS/SCH80, 150CL, A/SA105N	
	5	1	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	6	1	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	1 3/4"
	7	1	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	1 7/8"
	8	1	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	2"
	9	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	9 11/16"
	10	2	TBD	SOL, ELBOW, 1/2", 3000CL, A/SA105N, ON 3/4" TO 36" ELBOW	
	11	1	TBD	WOL, 1"-XS/SCH80, A/SA105N, ON 3" RUN	



NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

- ALL DIMENSIONS ARE IN INCHES.
- LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
- ALL DIMENSIONS ARE FITTING/FITTING.
- ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
- SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
- THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
- REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
- ESTIMATED WEIGHT: 45.10 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

049-501

SPOOL ID

JOB # (LAST 3 DIGITS)

GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	215 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	350°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
PAINT:	NEXT STANDARD	TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

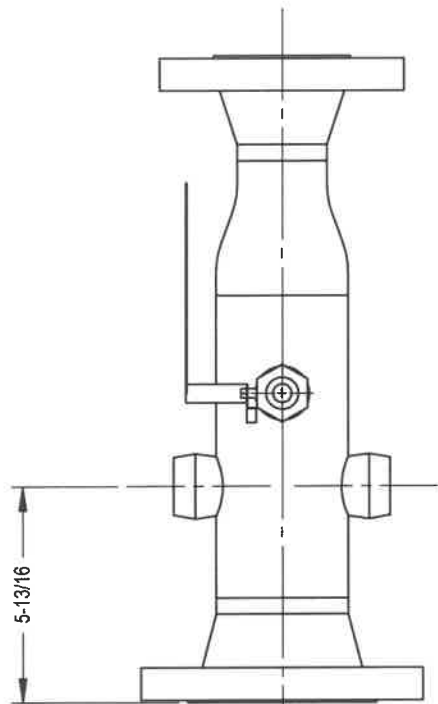
REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP
1	DESIGN PRES. WAS 230, DESIGN TEMP. WAS 300	9/14/23	RR	NP

NEXT COMPRESSION
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA, T4A 0E2, 1 (800) 256-1596
WWW.NEXTCOMP.CA

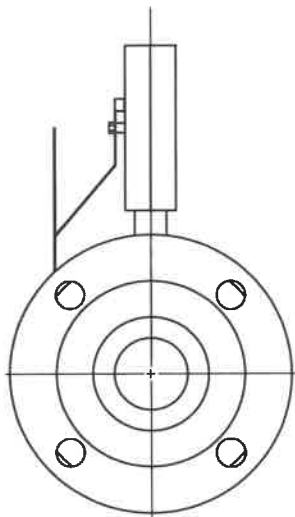
LABOUR CODE: F-6200
MATL CODE: F-6201

TITLE: DISCHARGE 1	
PROJECT: CNRL VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.:
SHEET: 1 OF 1	DWG. NO.: 101121-6207
	REV.: 1

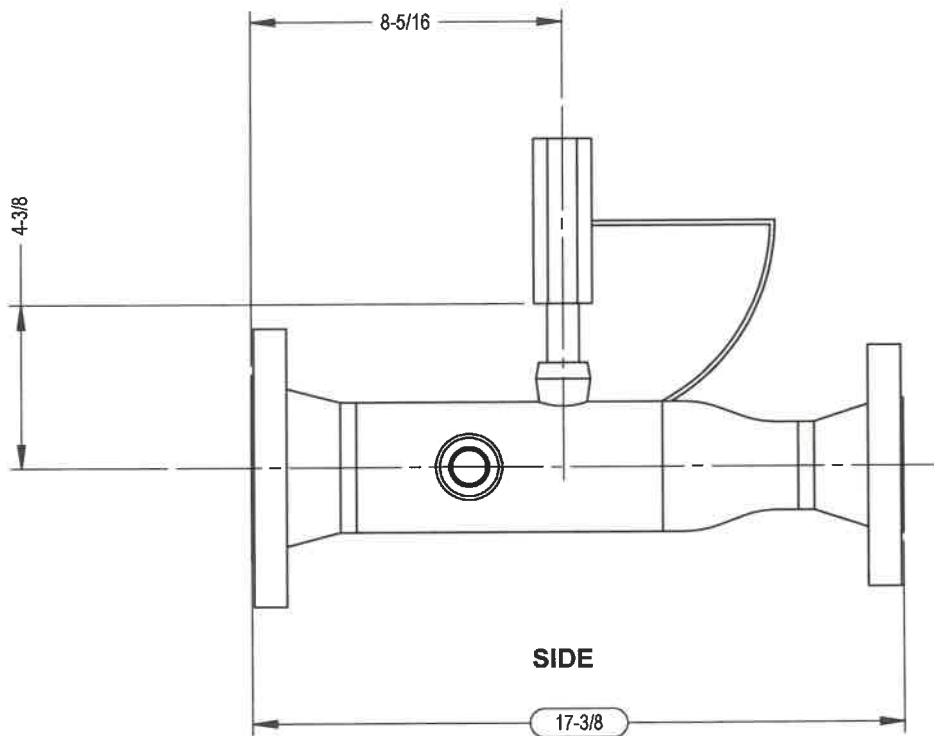
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PLAN

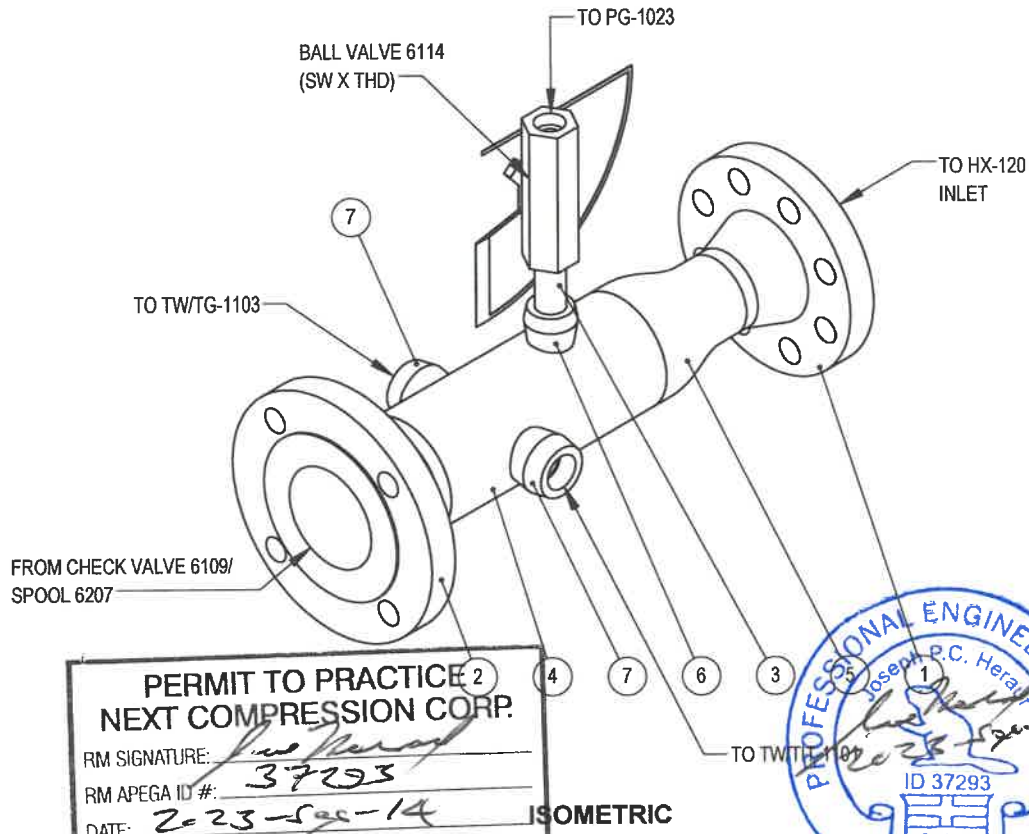


ELEVATION



SIDE

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3007411	FLANGE, RFWN, 2"-XS/SCH80, 300CL, A/SA105N	
	2	1	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	3	1	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	2 1/4"
	4	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	8"
	5	1	3013372	REDUCER, CONC, BW, 3"-STD/SCH40 x 2"-XS/SCH80, A/SA234-WPB	
	6	1	TBD	SOL, 1/2", 3000CL, A/SA105N, ON 3" RUN	
	7	2	TBD	TOL, 3/4", 3000CL, A/SA105N, ON 3" RUN	



ISOMETRIC

NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

- ALL DIMENSIONS ARE IN INCHES.
- LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
- ALL DIMENSIONS ARE FITTING/FITTING.
- ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
- SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
- THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
- REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
- ESTIMATED WEIGHT: 29.59 LBS.

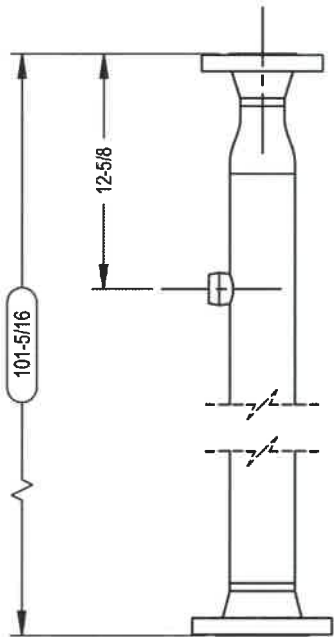
JOINT	VENDOR WPS	GENERAL DATA	DESIGN DATA
BUTT WELD		CODE: ASME B31.3 (2022)	SPECIFICATION: CNRL-A
SOCKET WELD		FLUID CAT.: NORMAL (SWEET)	DESIGN PRESSURE: 215 PSIG
FILLET WELD		SURF. PREP.: SSPC-SP2/3	DESIGN TEMP.: 350°F/20°F
SLIP-ON WELD			TEST PRESSURE: 428 PSIG
		PRIME: NEXT STANDARD	TEST MEDIUM: WATER
			HOLD TIME: 15 MIN.
			PWHT: NONE
		PAINT: NEXT STANDARD	NDE: RT 10% BW, MPI 10% FILLETS
			C.A.: 1/16"

REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP
1	DESIGN PRES. WAS 230, DESIGN TEMP. WAS 300	9/14/23	RR	NP

NEXT COMPRESSION	
281122 WAGON WHEEL CRES. ROCKY VIEW COUNTY ALBERTA, CANADA, T4A 0E2, 1 (800) 256-1598 WWW.NEXTCOMP.CA	
LABOUR CODE: F-6200	MATL CODE: F-6201

TITLE: DISCHARGE 2	
PROJECT: CNRL VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6208
	REV.: 1

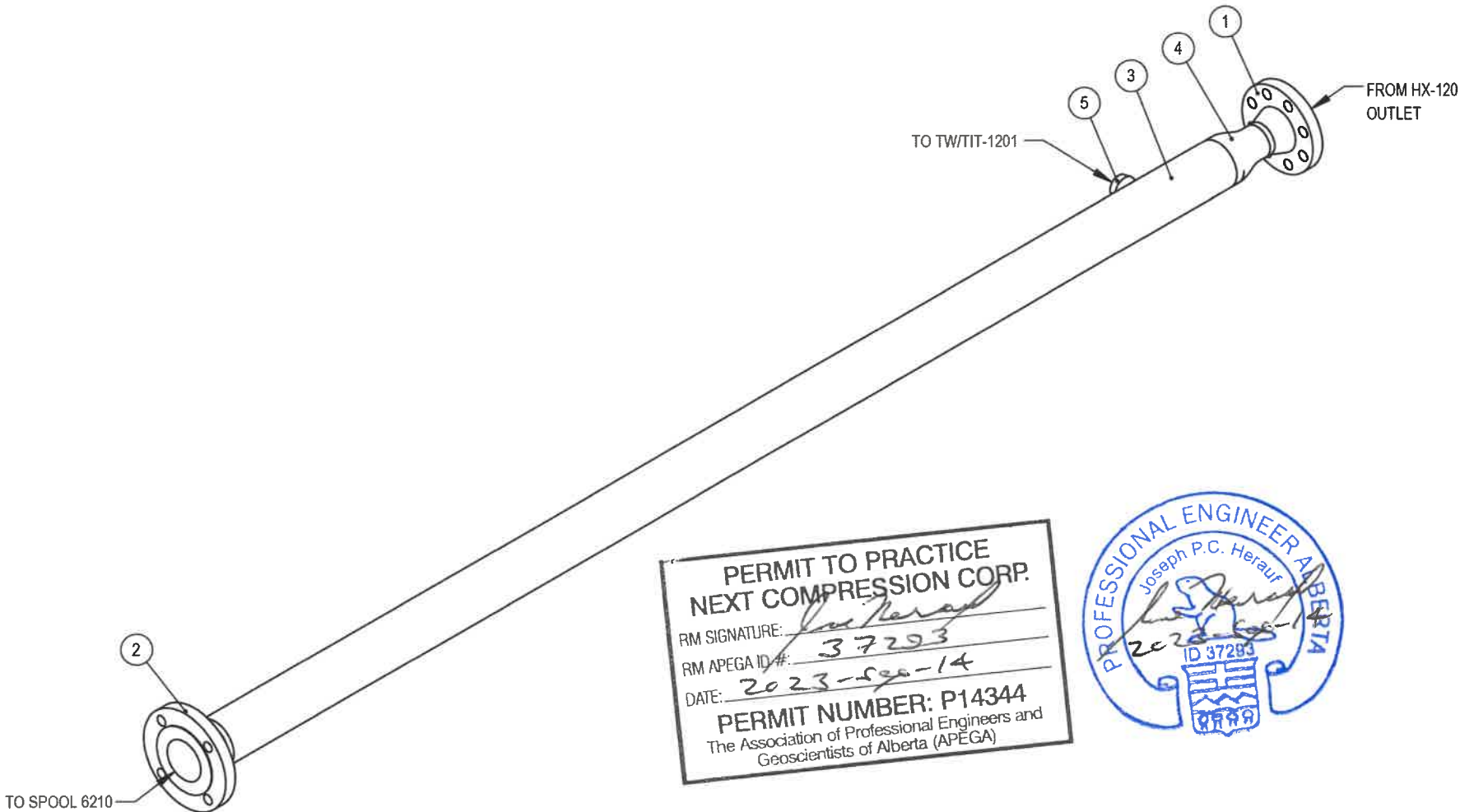
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PLAN



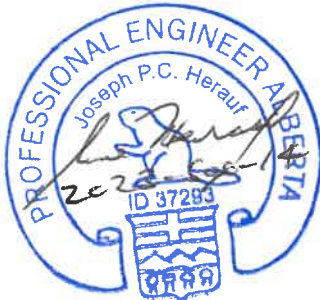
ELEVATION



ISOMETRIC

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3007411	FLANGE, RFWN, 2"-XS/SCH80, 300CL, A/SA105N	
	2	1	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	3	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	91 15/16"
	4	1	3013372	REDUCER, CONC, BW, 3"-STD/SCH40 x 2"-XS/SCH80, A/SA234-WPB	
	5	1	TBD	TOL, 3/4", 3000CL, A/SA105N, ON 3" RUN	

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.
RM SIGNATURE: *Joseph P.C. Herauf*
RM APEGA ID #: 37293
DATE: 2023-05-14
PERMIT NUMBER: P14344
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 80.09 LBS.

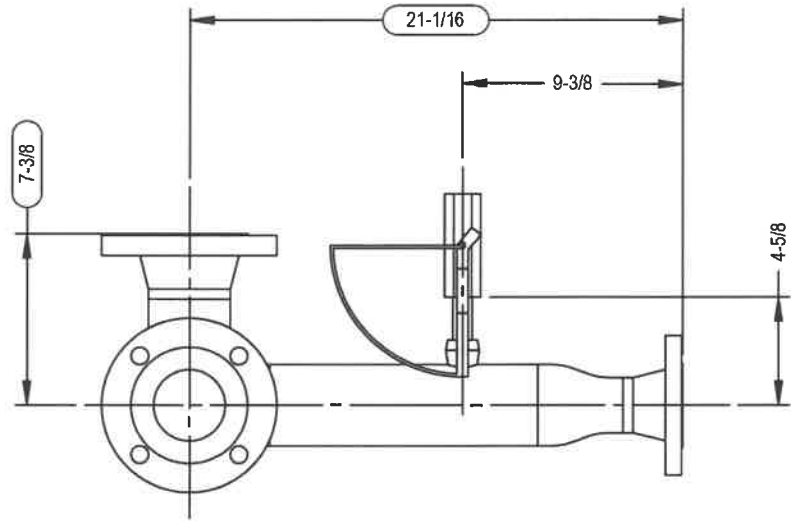
JOINT	VENDOR WPS	GENERAL DATA		DESIGN DATA	
BUTT WELD		CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD		FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD		SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD				TEST PRESSURE:	428 PSIG
USE MIN. 3/16" HEIGHT XXX-XXX SPOOL ID JOB # (LAST 3 DIGITS)		PRIME:	NEXT STANDARD	TEST MEDIUM:	WATER
				HOLD TIME:	15 MIN.
		PAINT:	NEXT STANDARD	PWHT:	NONE
				NDE:	RT 10% BW, MPI 10% FILLETS
				C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

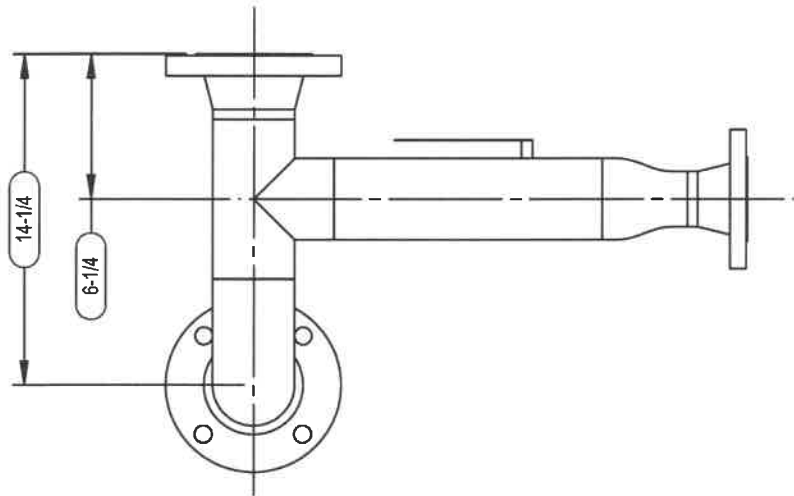
NEXT COMPRESSION	
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY ALBERTA, CANADA, T4A 0E2, 1 (800) 266-1698 WWW.NEXTCOMP.CA	
LABOUR CODE: F-6200	MATL CODE: F-6201

TITLE: DISCHARGE 3	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6209
	REV.: 0

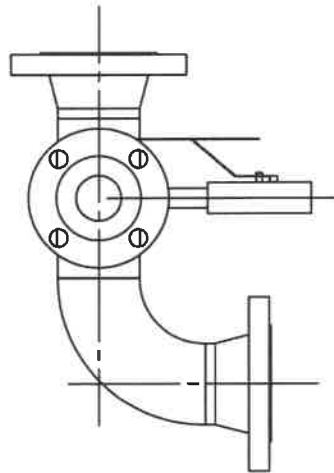
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PLAN



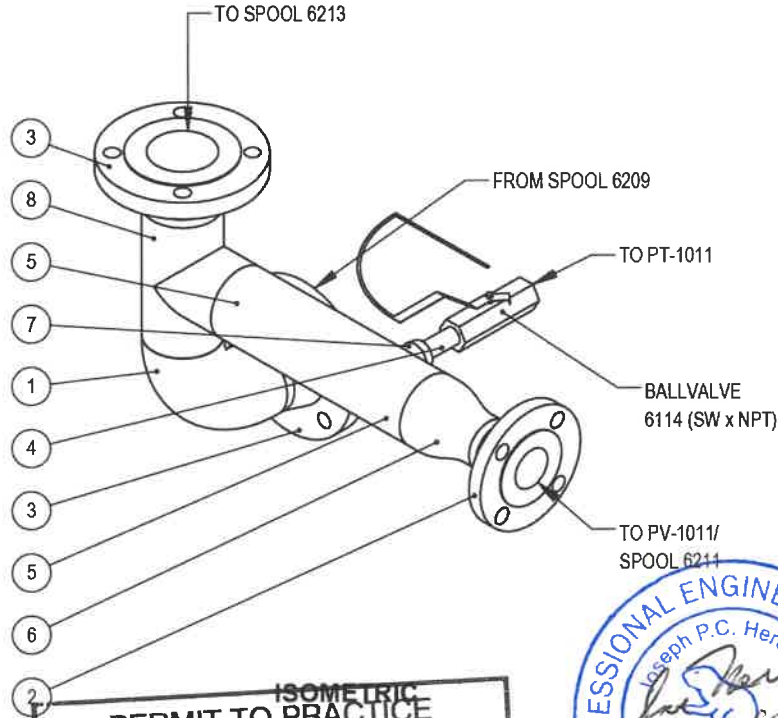
ELEVATION



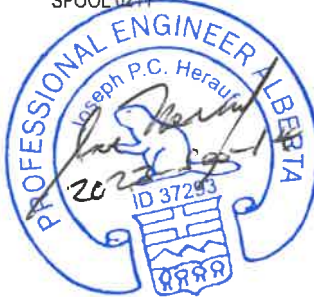
SIDE

BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3011769	ELBOW, 90LR, BW, 3"-STD/SCH40, A/SA234-WPB	
	2	1	3007324	FLANGE, RFWN, 2"-XS/SCH80, 150CL, A/SA105N	
	3	2	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	4	1	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	2 1/2"
	5	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	11 5/16"
	6	1	3013372	REDUCER, CONC, BW, 3"-STD/SCH40 x 2"-XS/SCH80, A/SA234-WPB	
	7	1	TBD	SOL, 1/2", 3000CL, A/SA105N, ON 3" RUN	
	8	1	3017724	TEE, BW, 3"-STD/SCH40, A/SA234-WPB	



ISOMETRIC
PERMIT TO PRACTICE
NEXT COMPRESSION CORP.
RM SIGNATURE: *Joe Harau*
RM APEGA ID #: 37293
DATE: 2023-SEP-14
PERMIT NUMBER: P14344
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 49.27 LBS.

JOINT

VENDOR WPS

GENERAL DATA

DESIGN DATA

BUTT WELD

SOCKET WELD

FILLET WELD

SLIP-ON WELD

CODE:

FLUID CAT.:

SURF. PREP.:

PRIME:

PAINT:

ASME B31.3 (2022)

NORMAL (SWEET)

SSPC-SP2/3

NEXT STANDARD

NEXT STANDARD

SPECIFICATION:

DESIGN PRESSURE:

DESIGN TEMP.:

TEST PRESSURE:

TEST MEDIUM:

HOLD TIME:

PWHT:

NDE:

C.A.:

CNRL - A

230 PSIG

300°F/-20°F

428 PSIG

WATER

15 MIN.

NONE

RT 10% BW, MPI 10% FILLETS

1/16"

USE MIN. 3/16" HEIGHT

XXX-XXX

SPOOL ID

JOB # (LAST 3 DIGITS)

049-501

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT

COMPRESSION

261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA, T4A 0E2, 1 (800) 258-1508
WWW.NEXTCOMP.CA

LABOUR CODE:

MATL CODE:

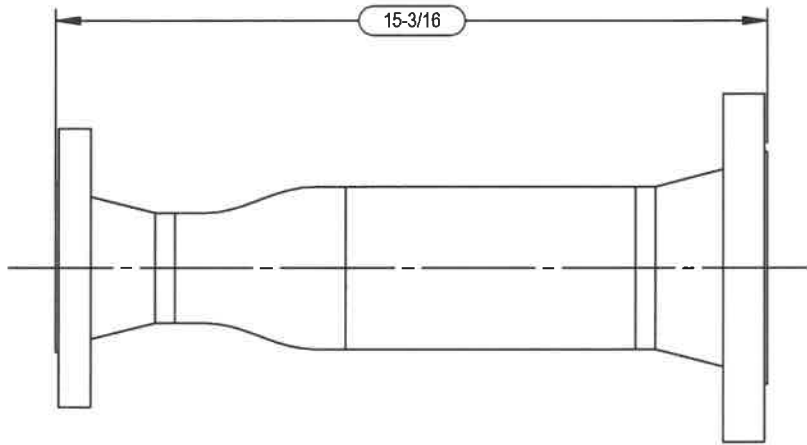
F-6200

F-6201

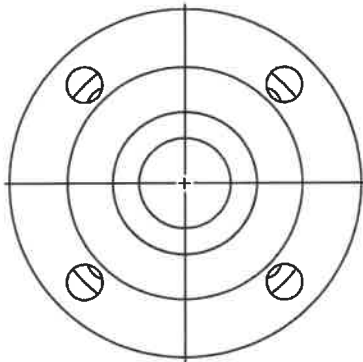
TITLE: DISCHARGE 4	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. No.: 101121-6210 REV.: 0

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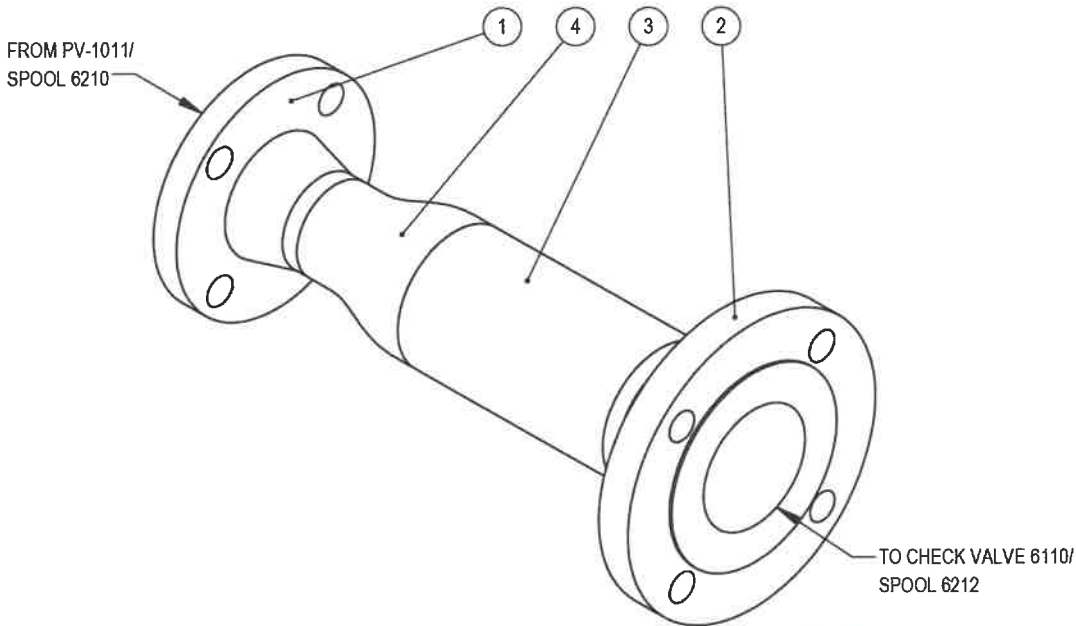
BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3007324	FLANGE, RFWN, 2"-XS/SCH80, 150CL, A/SA105N	
	2	1	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	3	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	6 1/16"
	4	1	3013372	REDUCER, CONC, BW, 3"-STD/SCH40 x 2"-XS/SCH80, A/SA234-WPB	



ELEVATION



SIDE

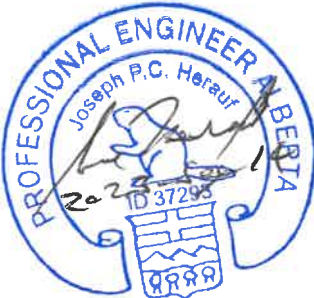


ISOMETRIC

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.

RM SIGNATURE: *Joe Perera*
RM APEGA ID #: 37293
DATE: 2023-09-14

PERMIT NUMBER: P14344
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 22.97 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

049-501

SPOOL ID

JOB # (LAST 3 DIGITS)

GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
		TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
PAINT:	NEXT STANDARD	PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

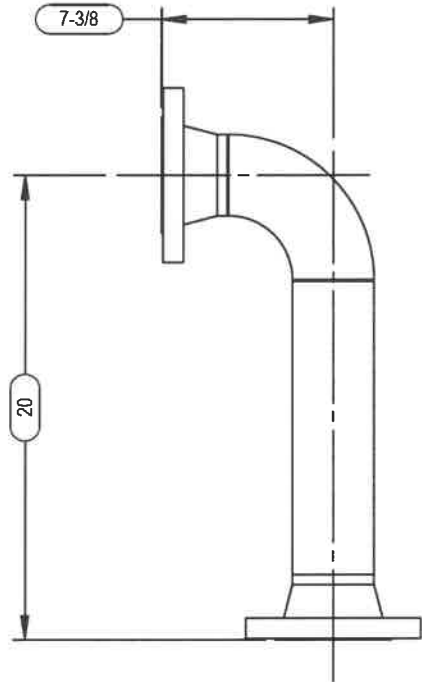
NEXT
COMPRESSION

261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA, T4A 0E2, 1 (800) 256-1586
WWW.NEXTCOMP.CA

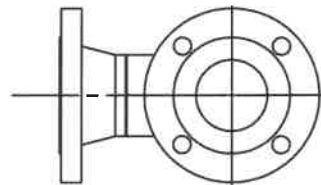
LABOUR CODE: F-6200
MATL CODE: F-6201

TITLE: DISCHARGE 5	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6211
	REV.: 0

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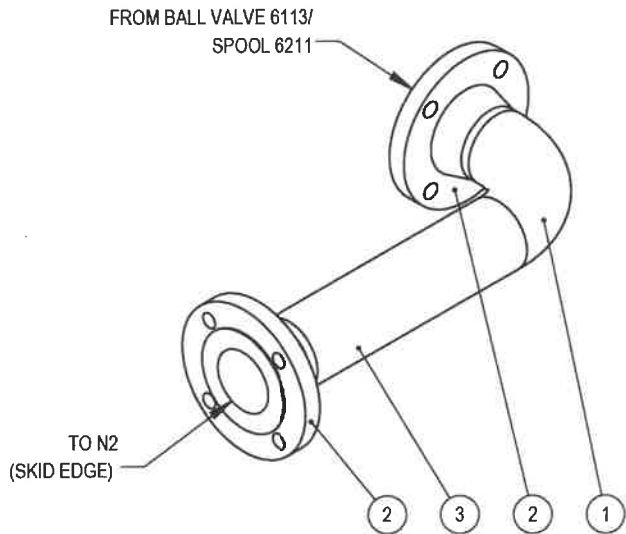


PLAN



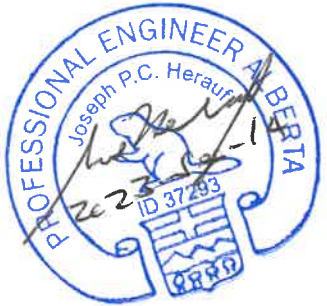
ELEVATION

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3011769	ELBOW, 90LR, BW, 3"-STD/SCH40, A/SA234-WPB	
	2	2	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	3	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	12 1/2"



ISOMETRIC

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.
RM SIGNATURE: *[Signature]*
RM APEGA ID #: **37293**
DATE: **2023-09-14**
PERMIT NUMBER: P14344
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 34.57 LBS.

JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD				SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	428 PSIG
				PRIME:	NEXT STANDARD	TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
						PWHT:	NONE
				PAINT:	NEXT STANDARD	NDE:	RT 10% BW, MPI 10% FILLETS
						C.A.:	1/16"



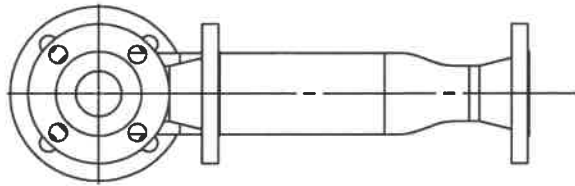
REVISIONS					
REV	DESCRIPTION	DATE	BY	APPR	
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP	

NEXT COMPRESSION
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2, 1 (800) 258-1586
WWW.NEXTCOMP.CA

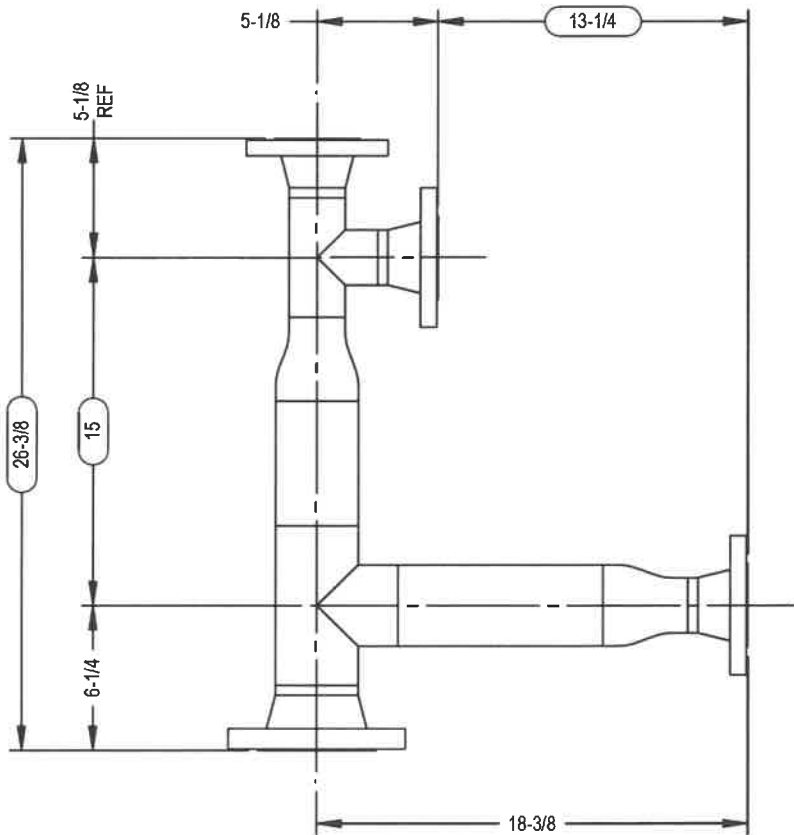
LABOUR CODE: **F-6200**
MATL CODE: **F-6201**

TITLE: DISCHARGE 6	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. No.: 101121-6212
	REV.: 0

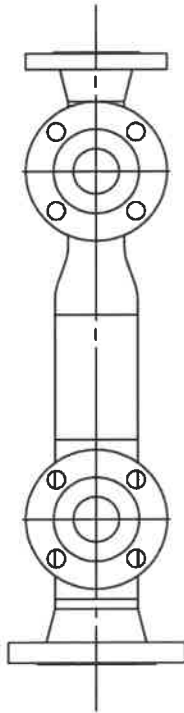
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PLAN

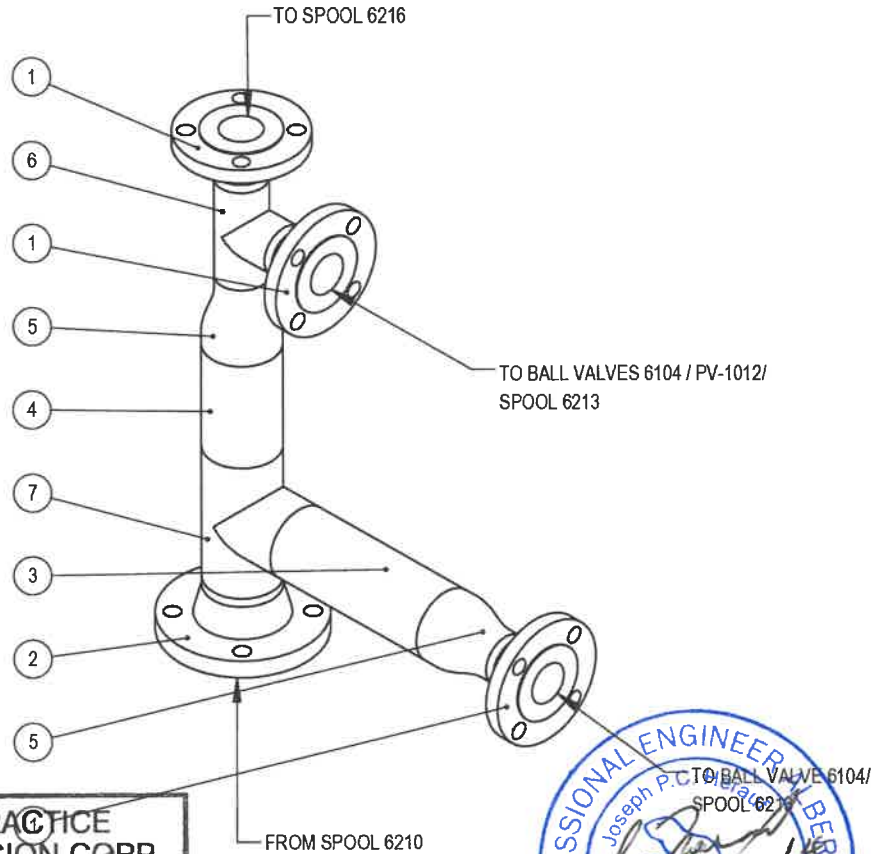


ELEVATION



SIDE

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	3	3007324	FLANGE, RFWN, 2"-XS/SCH80, 150CL, A/SA105N	
	2	1	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	3	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	8 5/8"
	4	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	5 1/4"
	5	2	3013372	REDUCER, CONC, BW, 3"-STD/SCH40 x 2"-XS/SCH80, A/SA234-WPB	
	6	1	3017717	TEE, BW, 2"-XS/SCH80, A/SA234-WPB	
	7	1	3017724	TEE, BW, 3"-STD/SCH40, A/SA234-WPB	



ISOMETRIC

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.

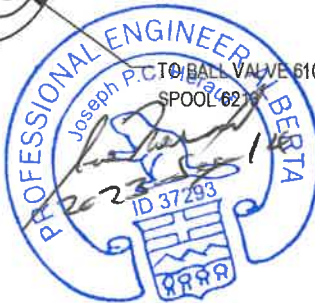
RM SIGNATURE:

RM APEGA ID #: 37293

DATE: 2023-SEP-14

PERMIT NUMBER: P14344

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 49.91 LBS.

JOINT		VENDOR WPS	GENERAL DATA		DESIGN DATA	
BUTT WELD			CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD			FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD			SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD					TEST PRESSURE:	428 PSIG
			PRIME:	NEXT STANDARD	TEST MEDIUM:	WATER
					HOLD TIME:	15 MIN.
			PWHT:	NONE	NDE:	RT 10% BW, MPI 10% FILLETS
			PAINT:	NEXT STANDARD	C.A.:	1/16"



REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT
COMPRESSION

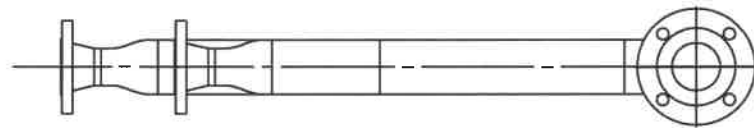
201122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA. T4A 0E2. 1 (800) 256-1588
WWW.NEXTCOMP.CA

LABOUR CODE:
F-6200

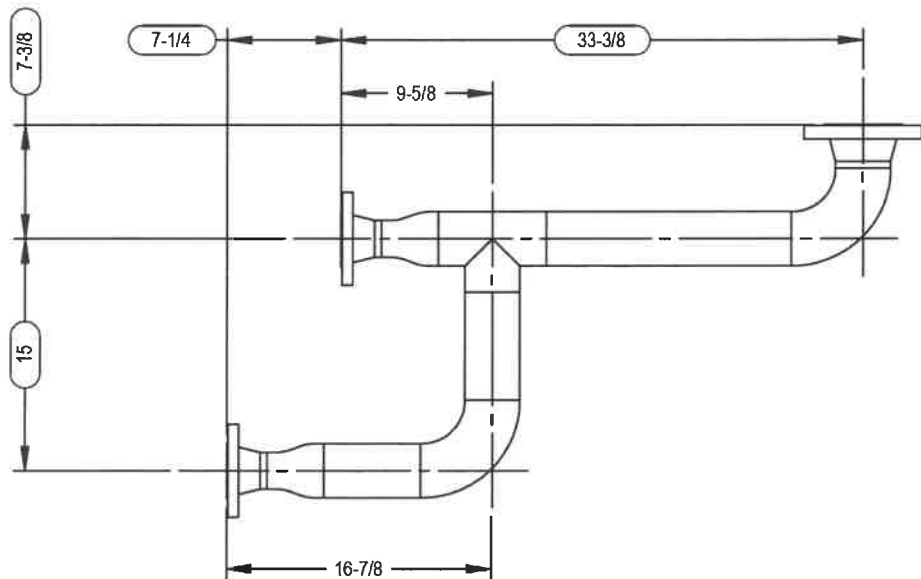
MATL CODE:
F-6201

TITLE: BYPASS 1	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6213
	REV.: 0

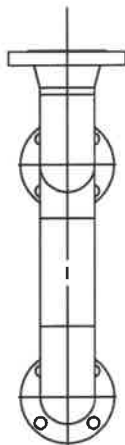
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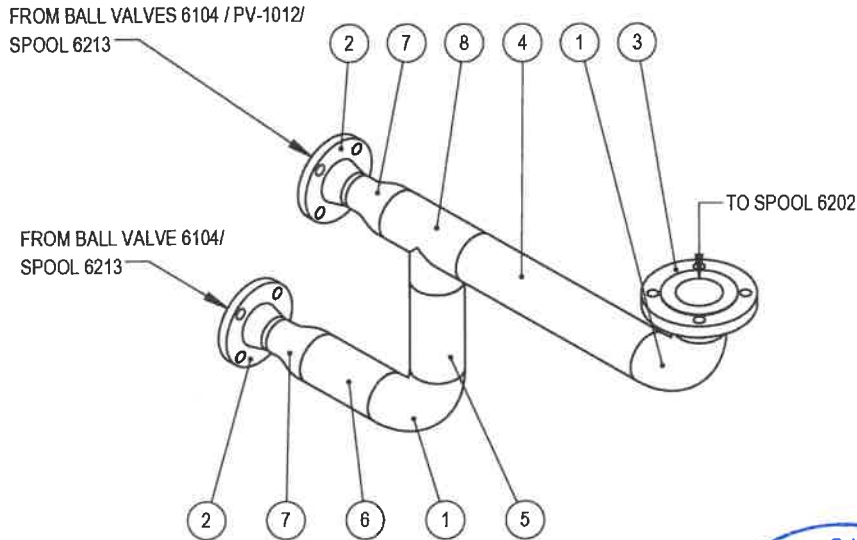
PLAN



ELEVATION



SIDE



ISOMETRIC

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.

RM SIGNATURE: *[Signature]*

RM APEGA ID #: 37293

DATE: 2023-05-14

PERMIT NUMBER: P14344

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 59.66 LBS.

JOINT

VENDOR WPS

GENERAL DATA

DESIGN DATA

REV

DESCRIPTION

DATE

BY

APPR

0

ISSUED FOR CONSTRUCTION

06/30/23

RR

NP

USE MIN. 3/16" HEIGHT

XXX-XXX

SPOOL ID

JOE # (LAST 3 DIGITS)

049-501

JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD				SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	428 PSIG
						TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
						PWHT:	NONE
						NDE:	RT 10% BW, MPI 10% FILLETS
						C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT

COMPRESSION

261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA. T4A 0E2, 1 (800) 256-1568
WWW.NEXTCOMP.CA

LABOUR CODE:

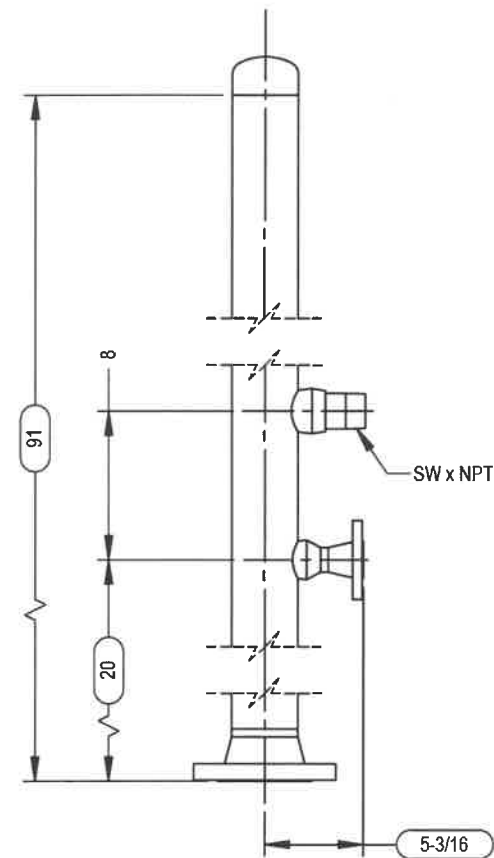
F-6200

MATL CODE:

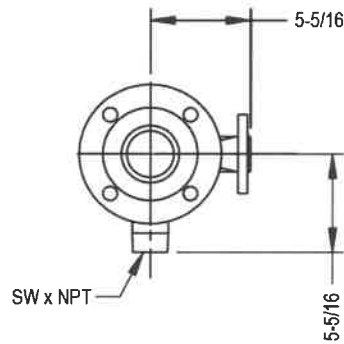
F-6201

TITLE:		BYPASS 2	
PROJECT:		CNRL	
		VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY:		RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY):		06/26/23	CUSTOMER REF NO.: -
SHEET:		1 OF 1	DWG. NO.: 101121-6214 REV.: 0

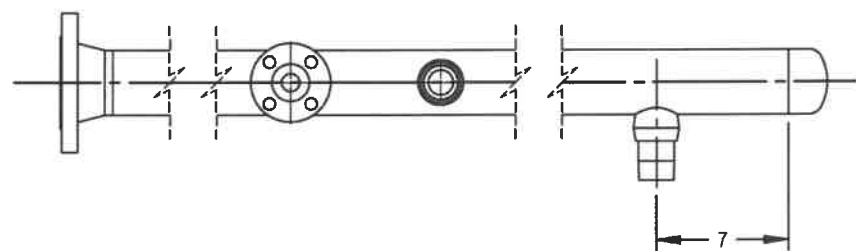
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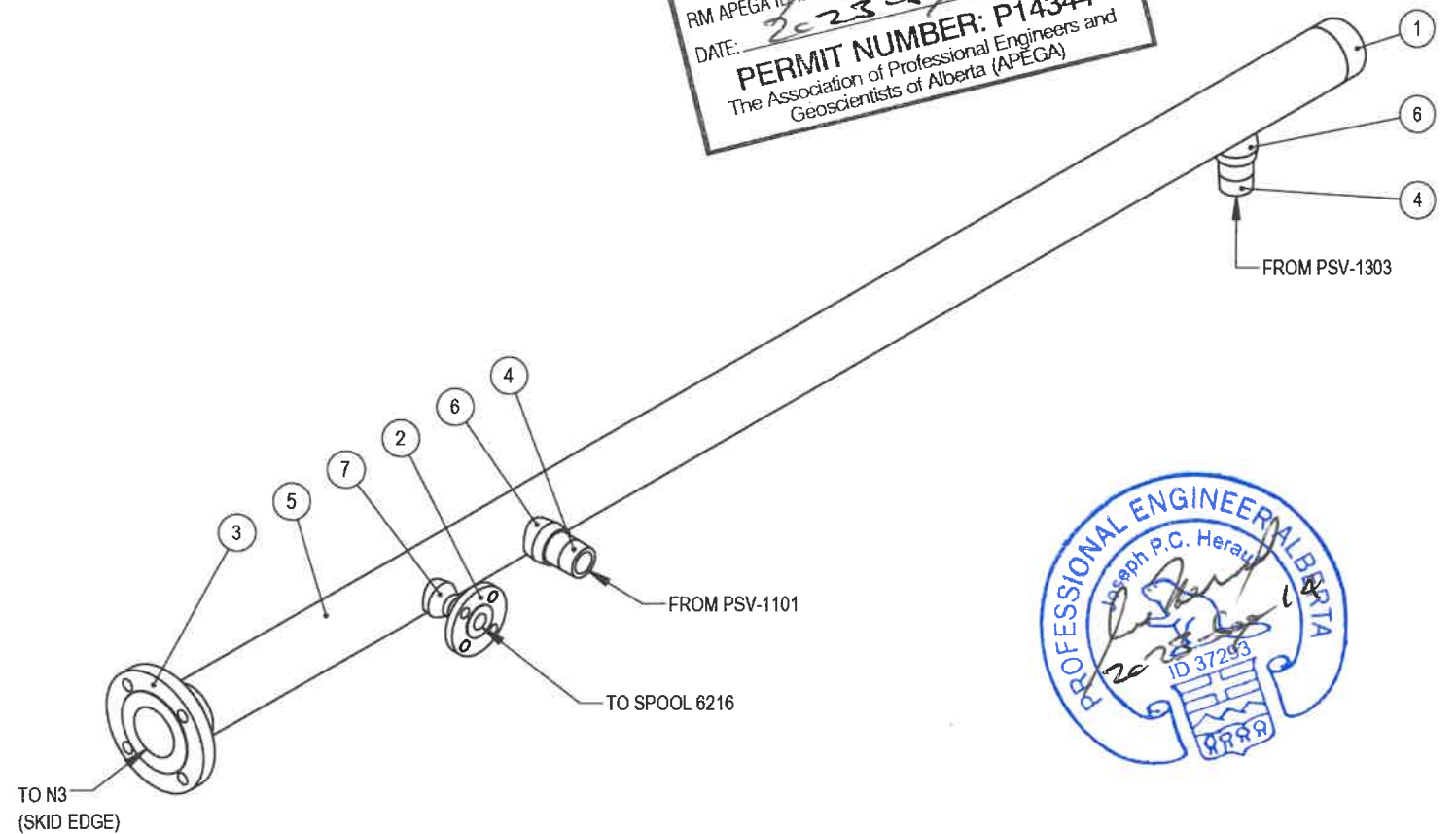
PLAN



ELEVATION

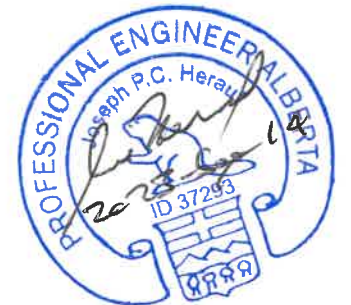


SIDE



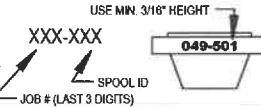
ISOMETRIC

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3010196	CAP, BW, 3"-STD/SCH40, A/SA234-WPB	
	2	1	3007314	FLANGE, RFWN, 1"-XS/SCH80, 150CL, A/SA105N	
	3	1	3007329	FLANGE, RFWN, 3"-STD/SCH40, 150CL, A/SA105N	
	4	2	3000034	PIPE, SMLS, 1-1/2"-SCH160, A/SA106-B	3 3/16
	5	1	3000050	PIPE, SMLS, 3"-STD/SCH40, A/SA106-B	88 1/16"
	6	2	TBD	TOL, 1-1/2", 3000CL, A/SA105N, ON 3" RUN	
	7	1	TBD	WOL, 1"-XS/SCH80, A/SA105N, ON 3" RUN	



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 82.02 LBS.

JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD				SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	428 PSIG
				PRIME:	NEXT STANDARD	TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
						PWHT:	NONE
				PAINT:	NEXT STANDARD	NDE:	RT 10% BW, MPI 10% FILLETS
						C.A.:	1/16"



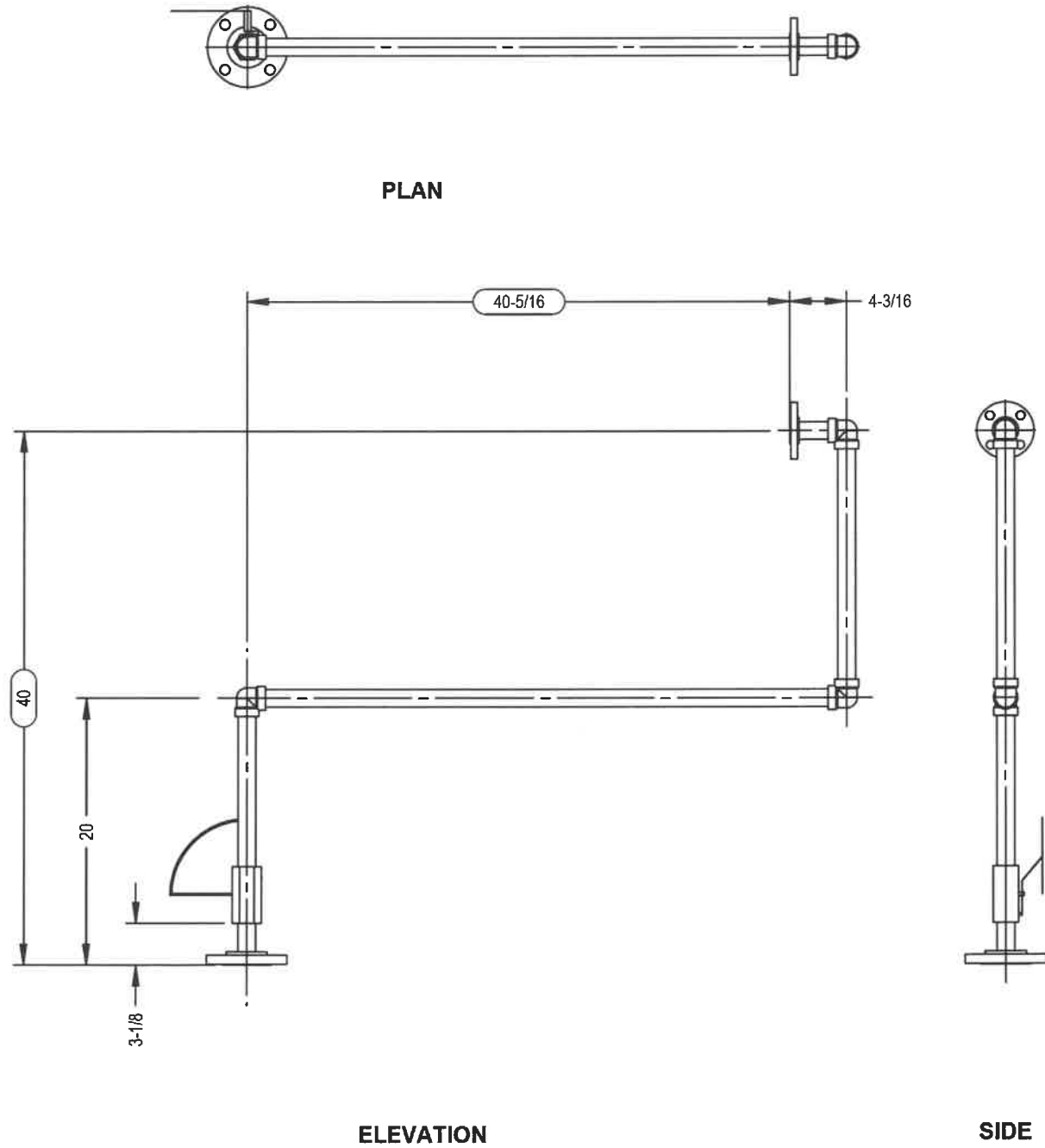
REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT COMPRESSION
251122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2 1 (800) 256-1566
WWW.NEXTCOMP.CA

LABOUR CODE: F-6200
MATL CODE: F-6201

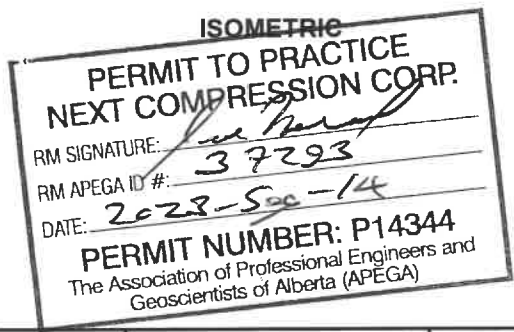
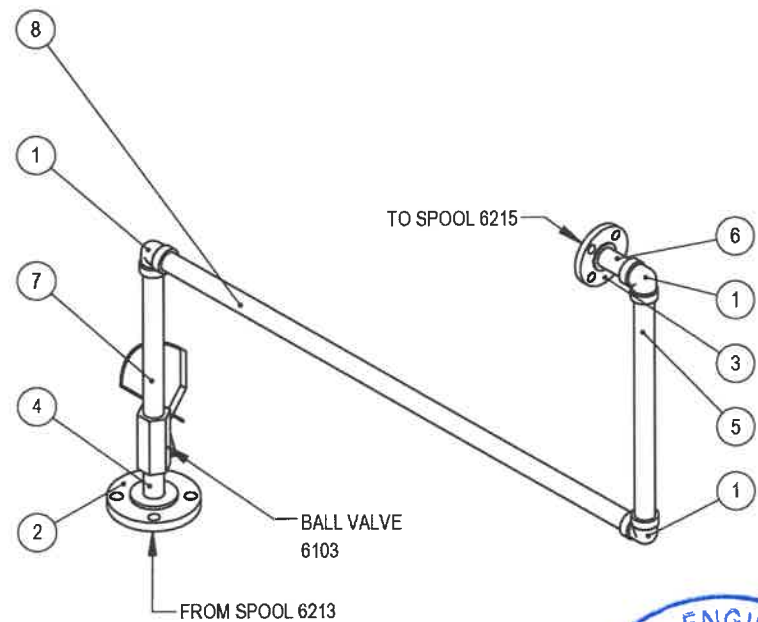
TITLE: PSV HEADER			
PROJECT: CNRL			
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA			
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7		
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.:		
SHEET: 1 OF 1	DWG. NO.: 101121-6215	REV.: 0	

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BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	3	3018879	ELBOW, 90, SW, 1", 3000CL, A/SA105N	
	2	1	3005956	FLANGE, RFHUB, 2", 150CL, A/SA105N, REDUCED SW 1"-XS/SCH80	
	3	1	3004308	FLANGE, RFSW, 1"-XS/SCH80, 150CL, A/SA105N	
	4	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	2 15/16"
	5	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	18 1/8"
	6	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	3"
	7	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	12 1/16"
	8	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	42 5/8"



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 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 27.07 LBS.

JOINT	VENDOR WPS	GENERAL DATA	DESIGN DATA
BUTT WELD		CODE: ASME B31.3 (2022)	SPECIFICATION: CNRL - A
SOCKET WELD		FLUID CAT.: NORMAL (SWEET)	DESIGN PRESSURE: 230 PSIG
FILLET WELD		SURF. PREP.: SSPC-SP2/3	DESIGN TEMP.: 300°F/-20°F
SLIP-ON WELD			TEST PRESSURE: 428 PSIG
		PRIME: NEXT STANDARD	TEST MEDIUM: WATER
			HOLD TIME: 15 MIN.
		PAINT: NEXT STANDARD	PWHT: NONE
			NDE: RT 10% BW, MPI 10% FILLETS
			C.A.: 1/16"

REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP
1	UPDATED CUT LENGTH	8/29/23	RR	NP

NEXT COMPRESSION

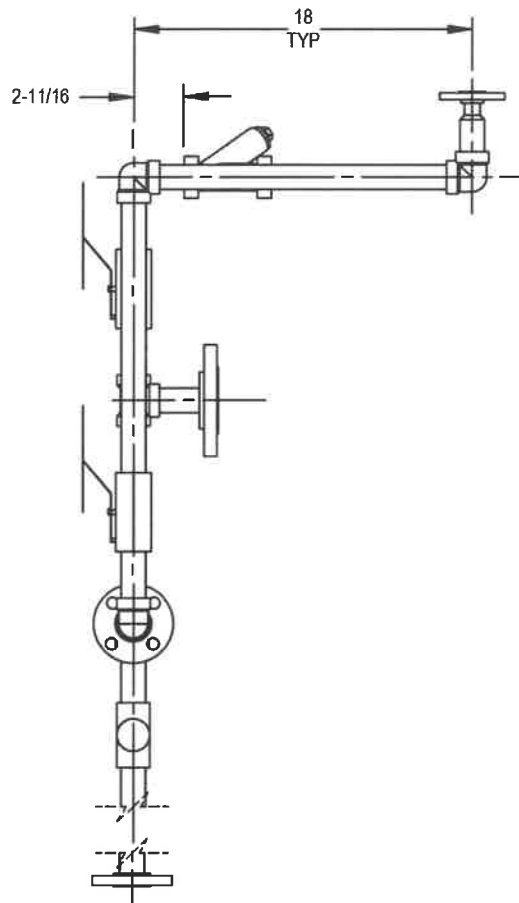
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2, 1 (800) 256-1598
WWW.NEXTCOMP.CA

LABOUR CODE: F-6200

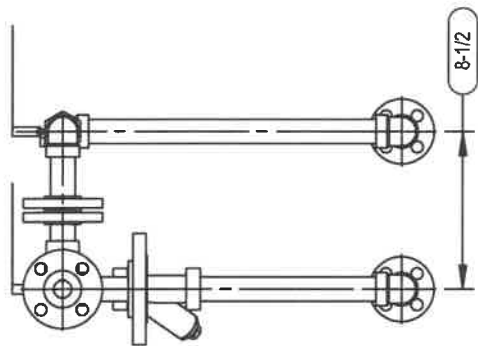
MATL CODE: F-6201

TITLE: BLOWDOWN	PROJECT: CNRL
	VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6216
	REV.: 1

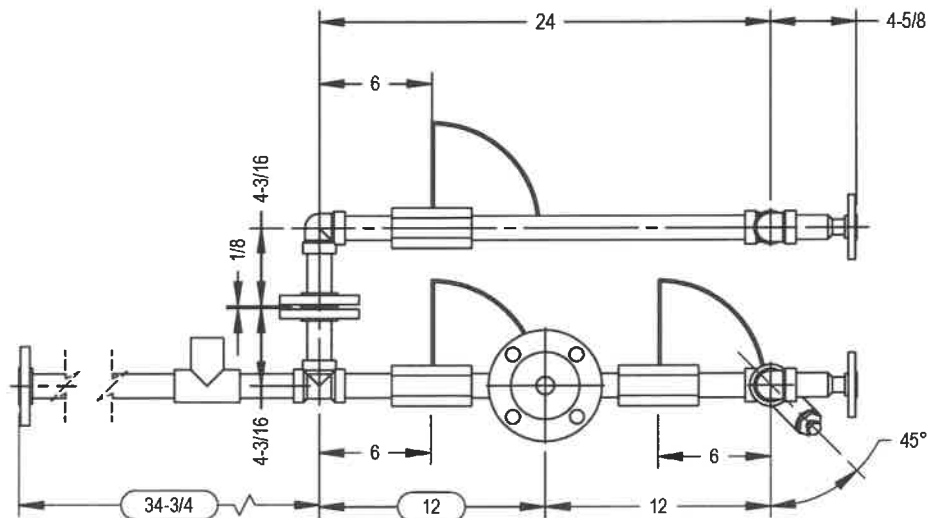
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PLAN



ELEVATION

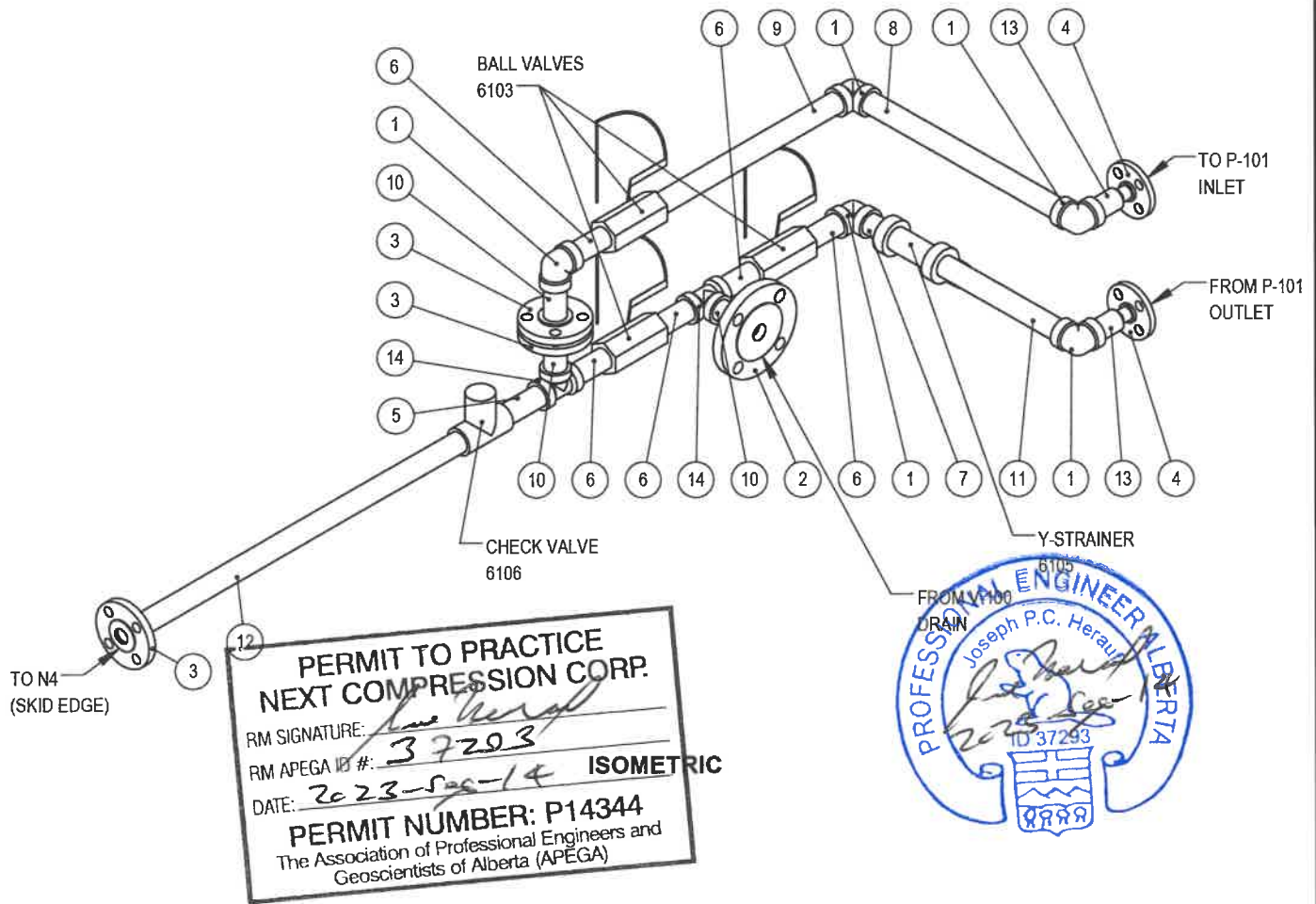


SIDE



BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	5	3018879	ELBOW, 90, SW, 1", 3000CL, A/SA105N	
	2	1	3005956	FLANGE, RFHUB, 2", 150CL, A/SA105N, REDUCED SW 1"-XS/SCH80	
	3	3	3004308	FLANGE, RFSW, 1"-XS/SCH80, 150CL, A/SA105N	
	4	2	3004302	FLANGE, RFSW, 1/2"-XS/SCH80, 150CL, A/SA105N	
	5	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	3 3/4
	6	5	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	3 5/16
	7	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	2 1/8"
	8	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	16 1/8"
	9	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	15 5/16
	10	3	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	3"
	11	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	10 1/8"
	12	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	27 3/16
	13	2	TBD	SWAGE, CONC, BW 1"-XS/SCH80 x BW 1/2"-XS/SCH80, A/SA234-WPB	
	14	2	3019205	TEE, SW, 1", 3000CL, A/SA105N	



NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

- ALL DIMENSIONS ARE IN INCHES.
- LINEAR DIM TOLERANCE IS $\pm 1/16"$. ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
- ALL DIMENSIONS ARE FITTING/FITTING.
- ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
- SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
- THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
- REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
- ESTIMATED WEIGHT: 48.88 LBS.

JOINT	VENDOR WPS	GENERAL DATA	DESIGN DATA
BUTT WELD		CODE: ASME B31.3 (2022)	SPECIFICATION: CNRL - A
SOCKET WELD		FLUID CAT.: NORMAL (SWEET)	DESIGN PRESSURE: 230 PSIG
FILLET WELD		SURF. PREP.: SSPC-SP2/3	DESIGN TEMP.: 300°F/-20°F
SLIP-ON WELD		PRIME: NEXT STANDARD	TEST PRESSURE: 428 PSIG
		PAINT: NEXT STANDARD	TEST MEDIUM: WATER
			HOLD TIME: 15 MIN.
			PWHT: NONE
			NDE: RT 10% BW, MPI 10% FILLETS
			C.A.: 1/16"

REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP
1	UPDATED CUT LENGTHS	8/29/23	RR	NP

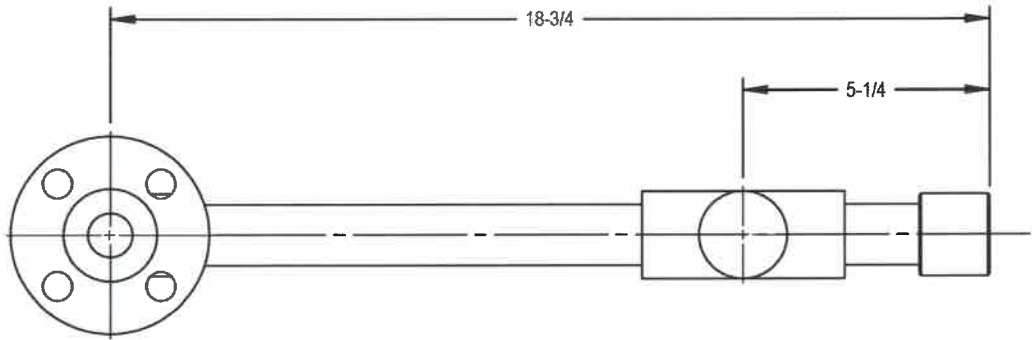
NEXT COMPRESSION
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA. T4A 0E2. 1 (800) 256-1586
WWW.NEXTCOMP.CA

LABOUR CODE: F-6200
MATERIAL CODE: F-6201

TITLE: SCRUBBER DRAIN
PROJECT: CNRL
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA
DRAWN BY: RR JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23 CUSTOMER REF NO.: -
SHEET: 1 OF 1 DWG. NO.: 101121-6217 REV.: 1

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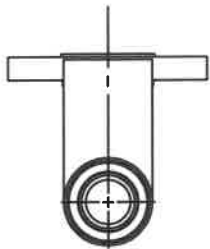
BILL OF MATERIAL			
ITEM	QTY	ITEM CODE	DESCRIPTION
1	1	3005486	COUPLING, FULL, SW x THD, 1", 3000CL, A/SA182-F304/304L
2	1	3004593	FLANGE, RFSW, 1"-XS/SCH80/80S, 150CL, A/SA182-F304/304L
3	1	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
4	1	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
5	1	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
6	1	3018933	ELBOW, 90, SW, 1", 3000CL, A/SA182-F304/304L



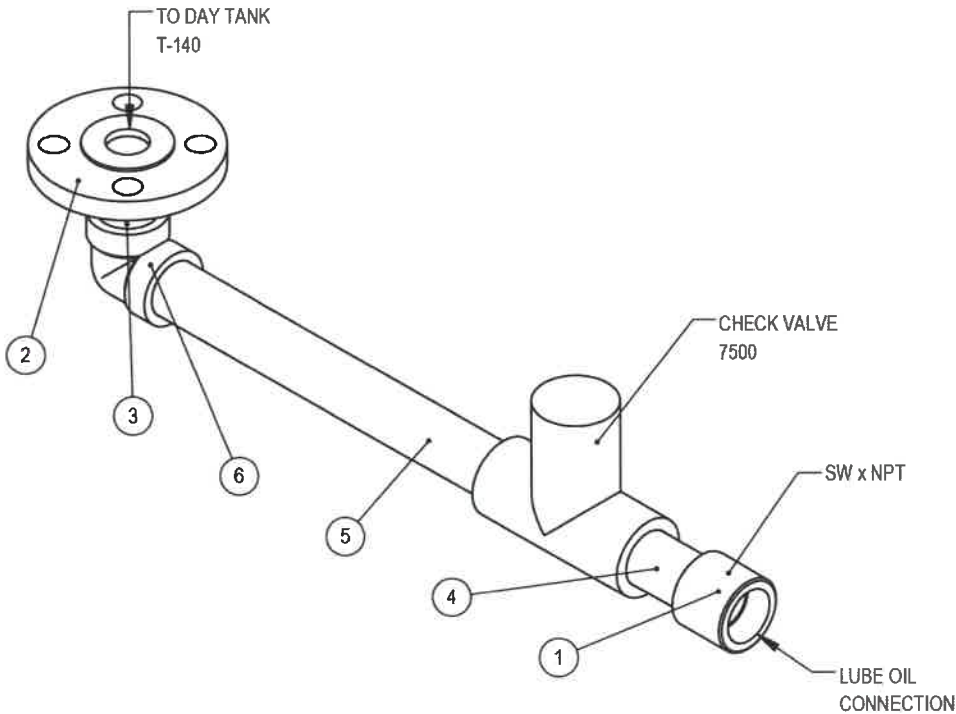
PLAN



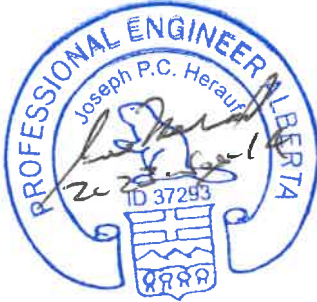
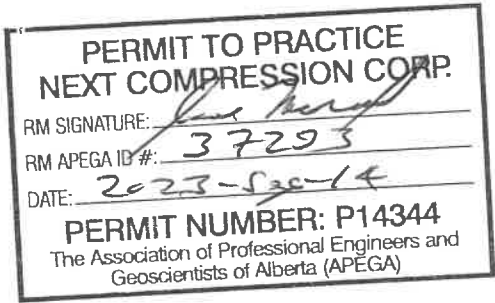
ELEVATION



SIDE



ISOMETRIC



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - ESTIMATED WEIGHT: 6.63 LBS.

JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - AJL
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	206 PSIG
FILLET WELD				SURF. PREP.:	N/A	DESIGN TEMP.:	308°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	425 PSIG
				PRIME:	N/A	TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
				PAINT:	N/A	PWHT:	NONE
						NDE:	RT 10% BW, MPI 5% FILLETS, PMI 5% WELDS
						C.A.:	0"



REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

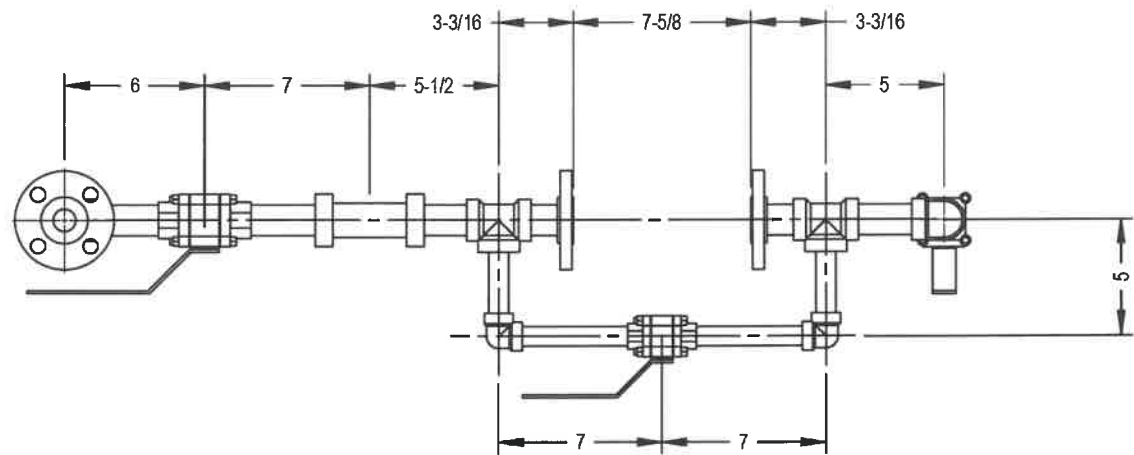
NEXT
COMPRESSION

201122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2, 1 (800) 266-1586
WWW.NEXTCOMP.CA

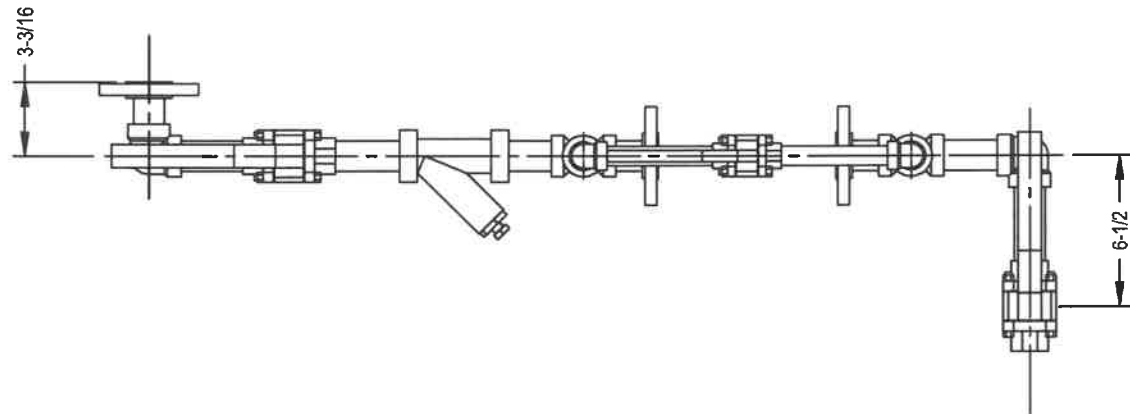
LABOUR CODE: F-6300
MATL CODE: F-6301

TITLE: COMP. LUBE OIL FILL	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. No.: 101121-6301
	REV.: 0

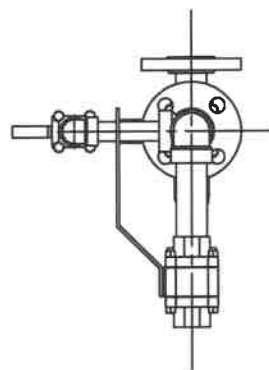
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PLAN

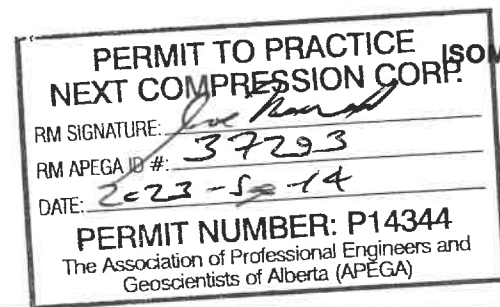
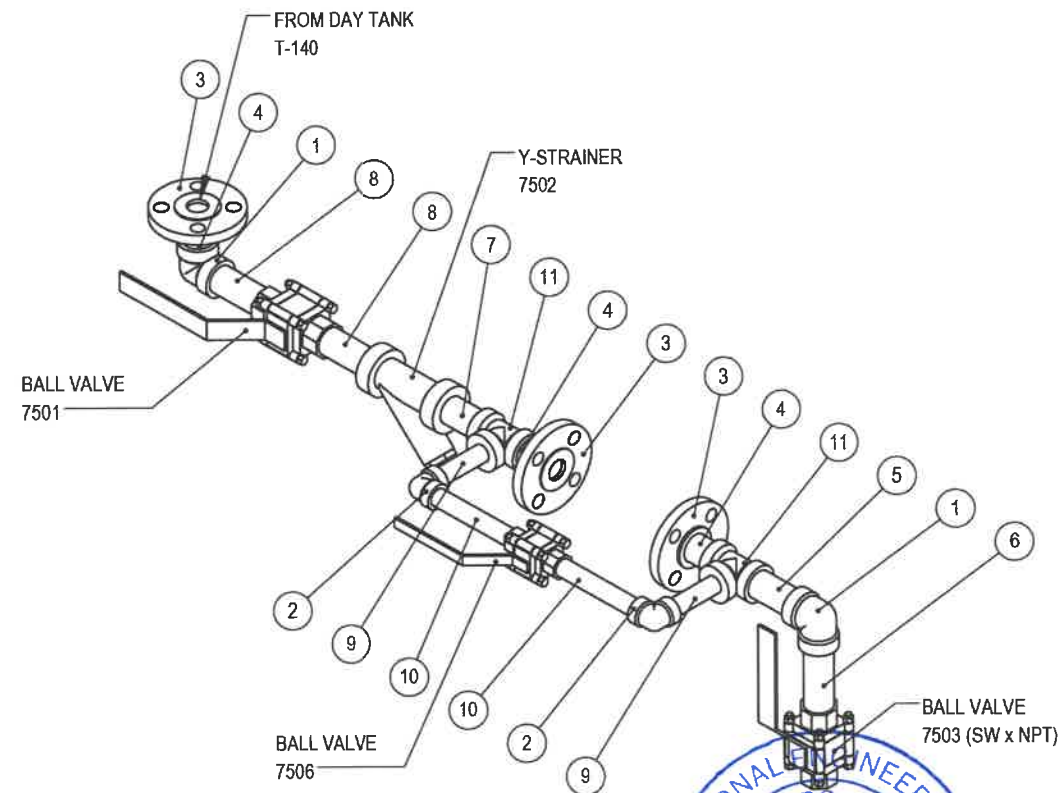


ELEVATION



SIDE

BILL OF MATERIAL				
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION
	1	2	3018933	ELBOW, 90, SW, 1", 3000CL, A/SA182-F304/304L
	2	2	3018931	ELBOW, 90, SW, 1/2", 3000CL, A/SA182-F304/304L
	3	3	3004593	FLANGE, RFSW, 1"-XS/SCH80/80S, 150CL, A/SA182-F304/304L
	4	3	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
	5	1	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
	6	1	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
	7	1	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
	8	2	3000578	PIPE, SMLS, 1"-XS/SCH80/80S, A/SA312-TP-304/304L
	9	2	3000566	PIPE, SMLS, 1/2"-XS/SCH80/80S, A/SA312-TP-304/304L
	10	2	3000566	PIPE, SMLS, 1/2"-XS/SCH80/80S, A/SA312-TP-304/304L
	11	2	3019142	TEE, REDUCING, SW, 1" x 1/2", 3000CL, A/SA182-F304/304L



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - ESTIMATED WEIGHT: 22.56 LBS.

JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - AJL
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	208 PSIG
FILLET WELD				SURF. PREP.:	N/A	DESIGN TEMP.:	306°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	425 PSIG
				PRIME:	N/A	TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
						PWHT:	NONE
				PAINT:	N/A	NDE:	RT 10% BW, MPI 5% FILLETS, PMI 5% WELDS
						C.A.:	0"



REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT COMPRESSION

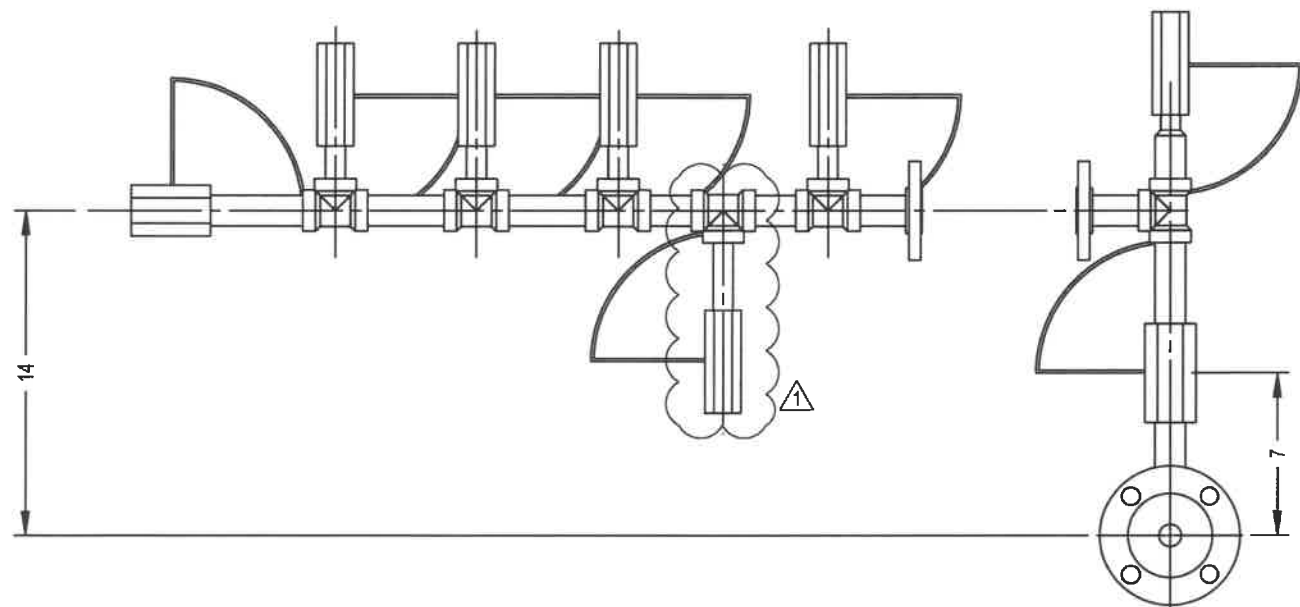
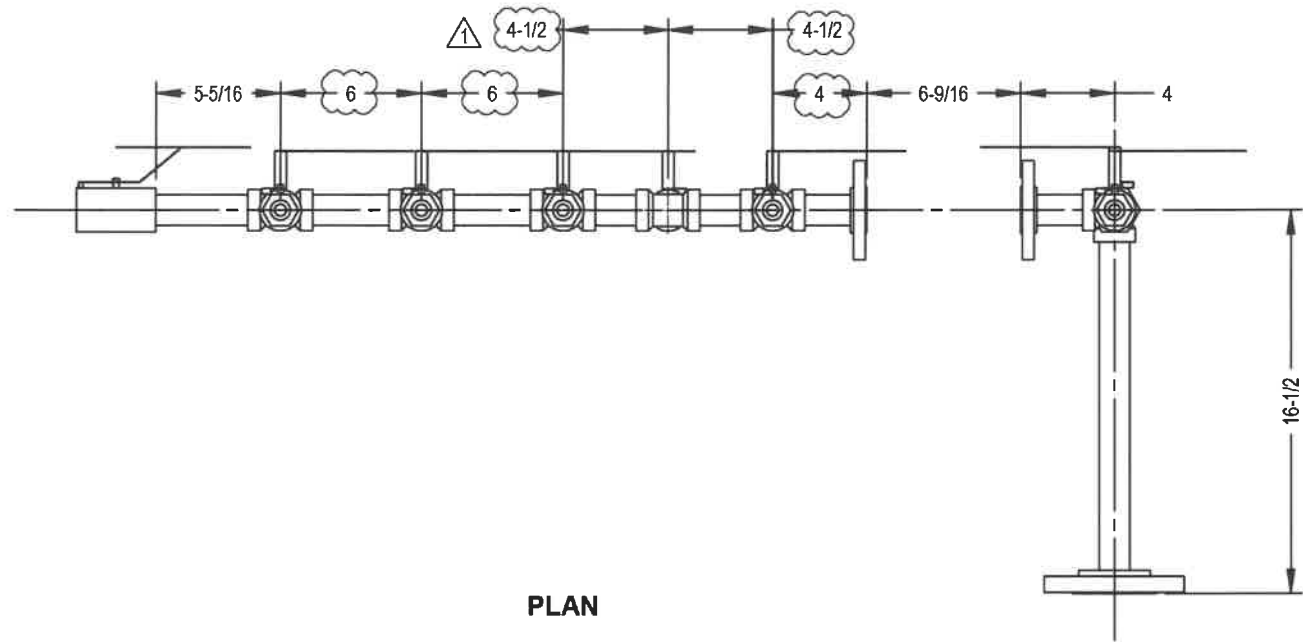
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2, 1 (800) 258-1568
WWW.NEXTCOMP.CA

LABOUR CODE: F-6300

MATL CODE: F-6301

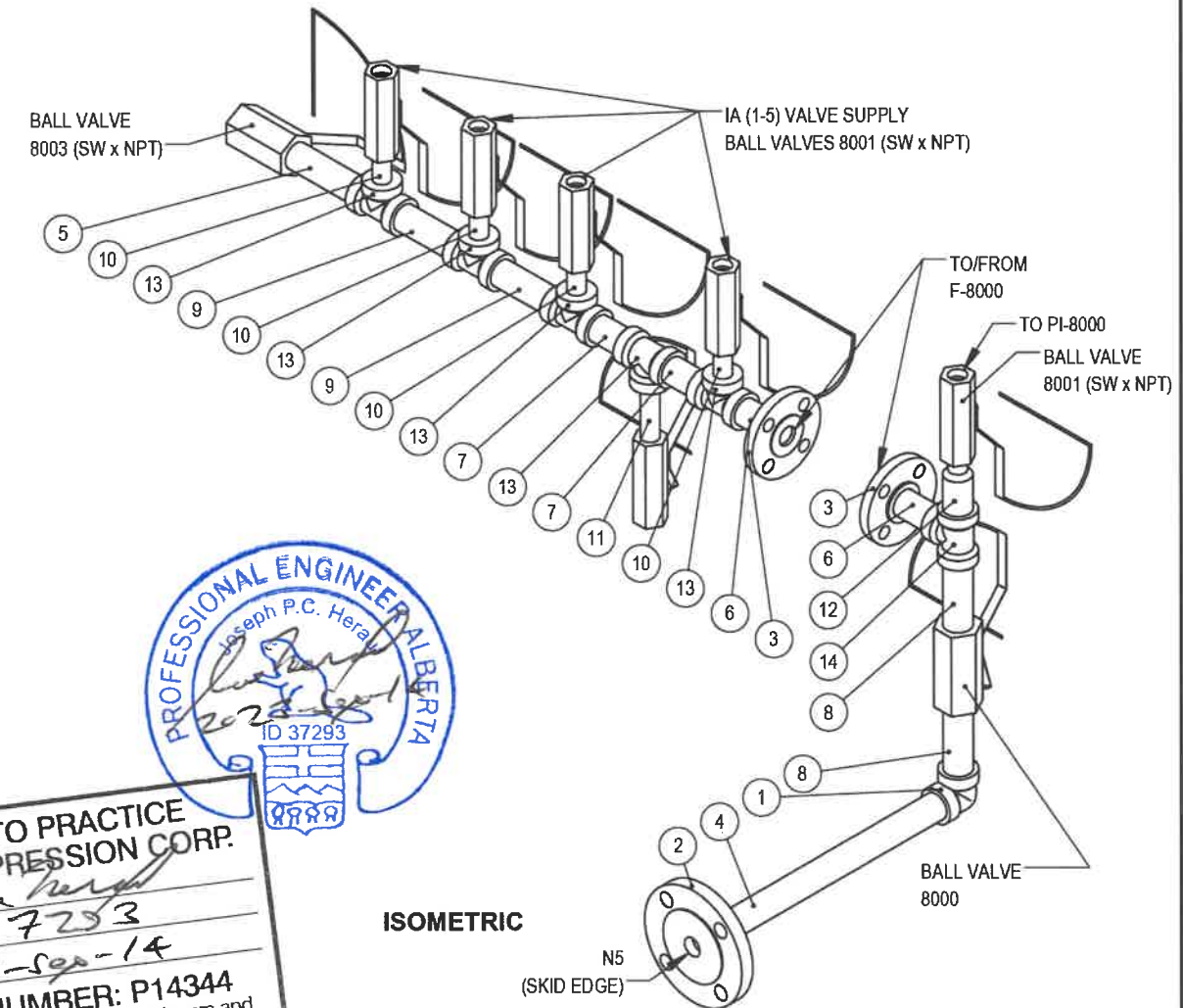
TITLE: COMP. LUBE OIL SUPPLY	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6302
	REV.: 0

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BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3018879	ELBOW, 90, SW, 1", 3000CL, A/SA105N	
	2	1	3005956	FLANGE, RFHUB, 2", 150CL, A/SA105N, REDUCED SW 1"-XS/SCH80	
	3	2	3004308	FLANGE, RFSW, 1"-XS/SCH80, 150CL, A/SA105N	
	4	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	15"
	5	1	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	4 3/4"
	6	2	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	2 13/16"
	7	2	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	2 5/8"
	8	2	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	4 5/16"
	9	2	3000021	PIPE, SMLS, 1"-XS/SCH80, A/SA106-B	4 1/8"
	10	4	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	2"
	11	1	3000009	PIPE, SMLS, 1/2"-XS/SCH80, A/SA106-B	3 1/2"
	12	1	TBD	SWAGE, CONC, BW 1"-XS/SCH80 x BW 1/2"-XS/SCH80, A/SA234-WPB	
	13	5	3018953	TEE, REDUCING, SW, 1" x 1/2", 3000CL, A/SA105N	
	14	1	3019205	TEE, SW, 1", 3000CL, A/SA105N	



SIDE



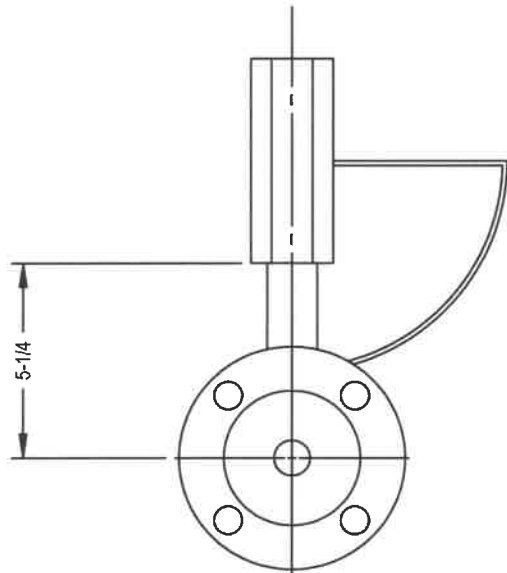
- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
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 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 41.90 LBS.

JOINT	VENDOR WPS	GENERAL DATA	DESIGN DATA
BUTT WELD		CODE: ASME B31.3 (2022)	SPECIFICATION: CNRL - A
SOCKET WELD		FLUID CAT.: NORMAL (SWEET)	DESIGN PRESSURE: 230 PSIG
FILLET WELD		SURF. PREP.: SSPC-SP2/3	DESIGN TEMP.: 300°F/-20°F
SLIP-ON WELD			TEST PRESSURE: 428 PSIG
		PRIME: NEXT STANDARD	TEST MEDIUM: WATER
			HOLD TIME: 15 MIN.
		PAINT: NEXT STANDARD	PWHT: NONE
			NDE: RT 10% BW, MPI 10% FILLETS
			C.A.: 1/16"

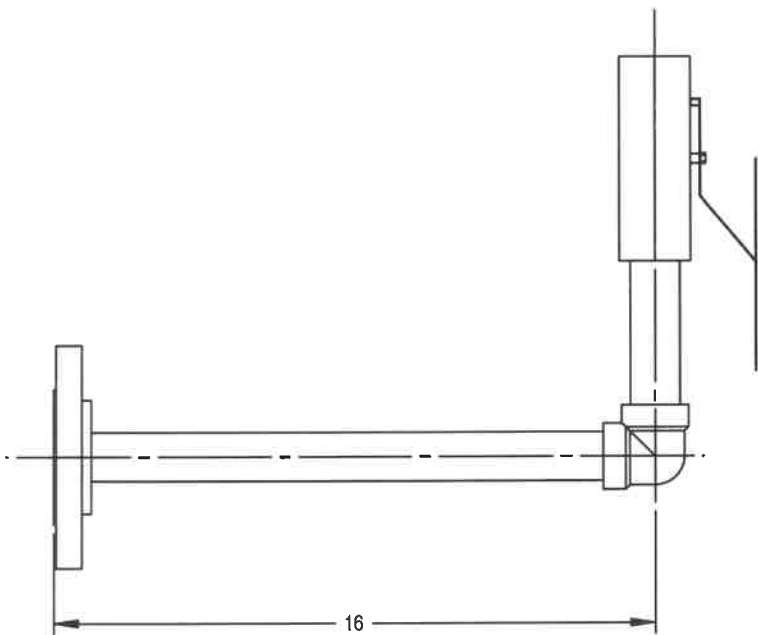
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP
1	ADDED IA-5	8/29/23	RR	NP

NEXT COMPRESSION 261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY ALBERTA, CANADA, T4A 0E2, 1 (800) 256-1588 WWW.NEXTCOMP.CA		TITLE: INSTRUMENT AIR SUPPLY	
LABOUR CODE: F-6300		PROJECT: CNRL	
MATERIAL CODE: F-6301		VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR		JOB NO.: 101121/2/3/4/5/6/7	
DRAWN DATE (MM/DD/YY): 06/26/23		CUSTOMER REF NO.: -	
SHEET: 1 OF 1		DWG. NO.: 101121-6303	
		REV: 1	

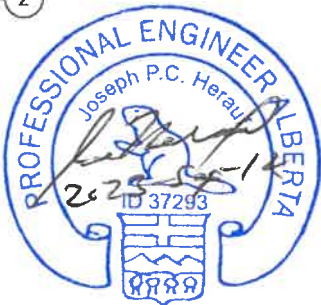
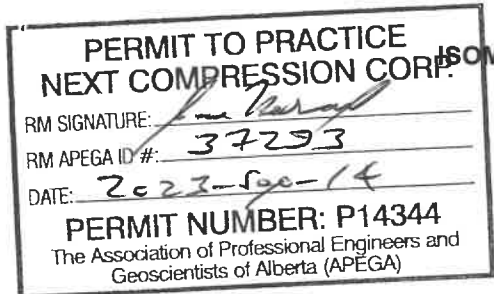
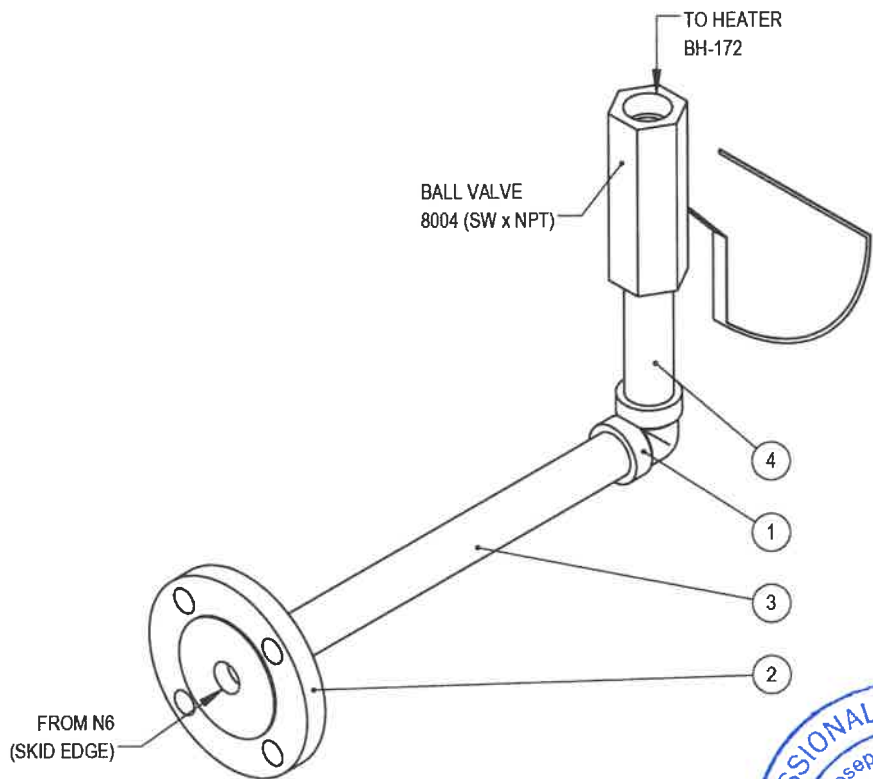
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ELEVATION



SIDE



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 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 13.53 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

049-501

SPOOL ID

JOB # (LAST 3 DIGITS)

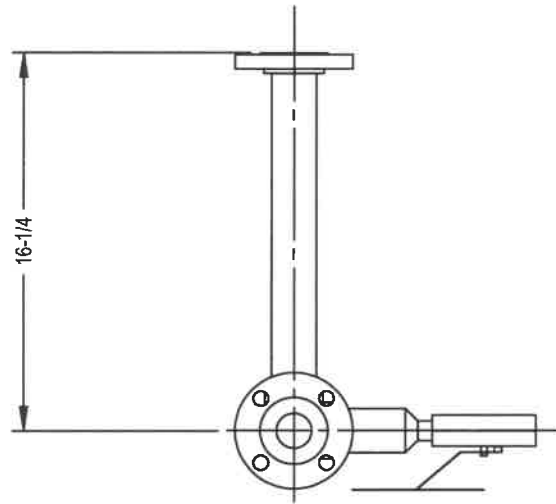
GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
PAINT:	NEXT STANDARD	TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

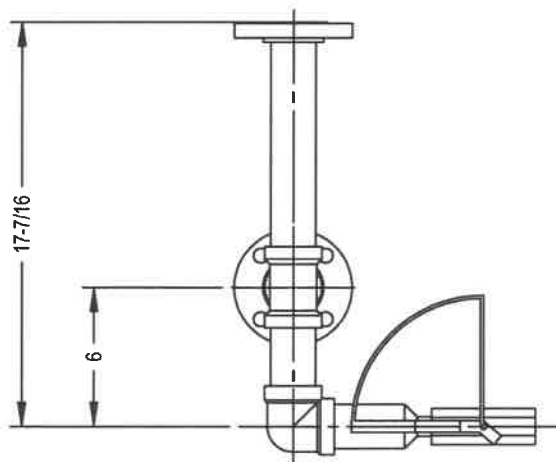
NEXT COMPRESSION	
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY ALBERTA, CANADA, T4A 0E2, 1 (800) 258-1588 WWW.NEXTCOMP.CA	
LABOUR CODE: F-6300	MATL CODE: F-6301

TITLE: HEATER SUPPLY	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/26/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6304
	REV: 0

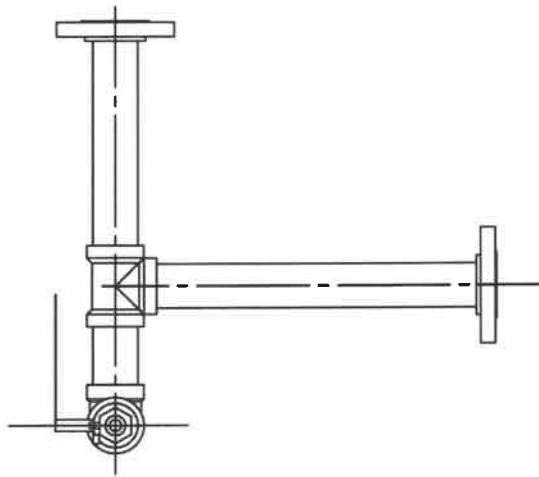
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PLAN



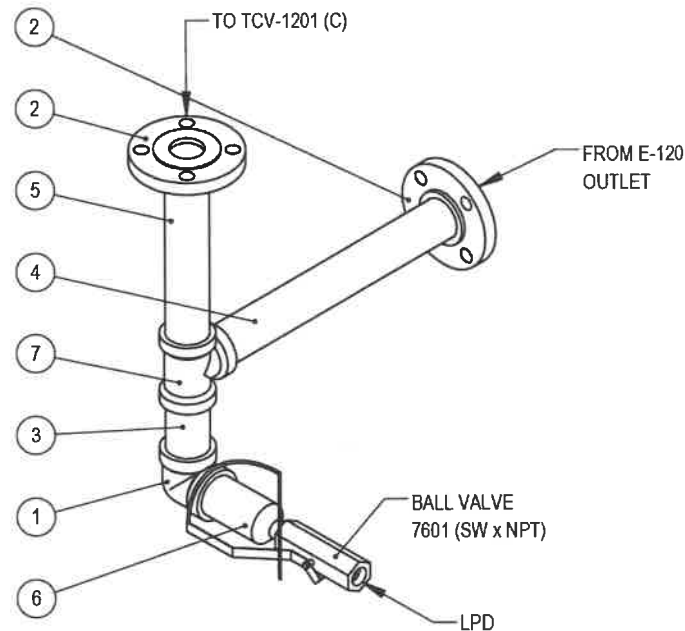
ELEVATION



SIDE

BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3018881	ELBOW, 90, SW, 1-1/2", 3000CL, A/SA105N	
	2	2	3004314	FLANGE, RFSW, 1-1/2"-XS/SCH80, 150CL, A/SA105N	
	3	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	4 1/4"
	4	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	14 5/8"
	5	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	9 13/16"
	6	1	TBD	SWAGE, CONC, BW 1-1/2"-XS/SCH80 x BW 1/2"-XS/SCH80, A/SA234-WPB	
	7	1	3019207	TEE, SW, 1-1/2", 3000CL, A/SA105N	



ISOMETRIC

SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.

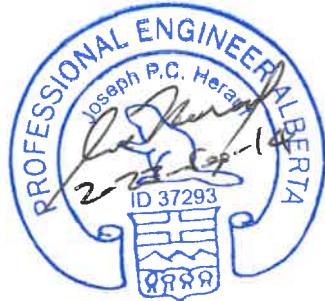
RM SIGNATURE: *Joe Herand*

RM APEGA ID #: *37293*

DATE: *2023-09-14*

PERMIT NUMBER: P14344

The Association of Professional Engineers and
Geoscientists of Alberta (APEGA)



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 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 20.88 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

SPOOL ID

JOB # (LAST 3 DIGITS)

049-501

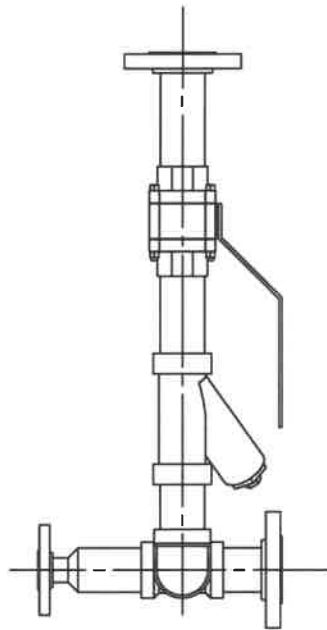
GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
PAINT:	NEXT STANDARD	TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

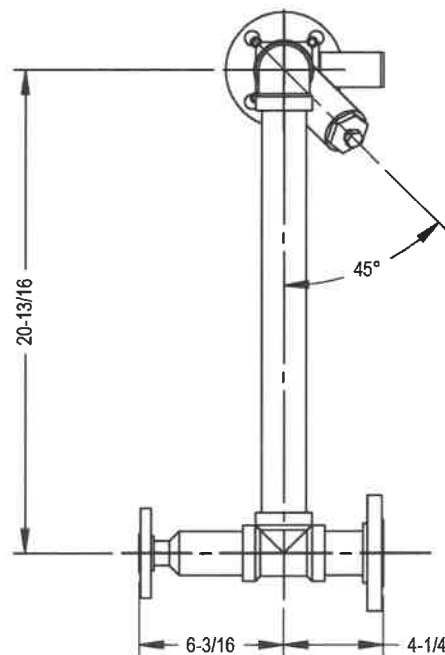
NEXT COMPRESSION	
261122 WAGON WHEEL CRES., ROCKY VIEW COUNTY ALBERTA, CANADA T4A 0E2 1 (604) 256-1598 WWW.NEXTCOMP.CA	
LABOUR CODE: F-6300	MATL CODE: F-6301

TITLE: GLYCOL 1	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/27/23	CUSTOMER REF NO.:
SHEET: 1 OF 1	DWG. NO.: 101121-6305
	REV.: 0

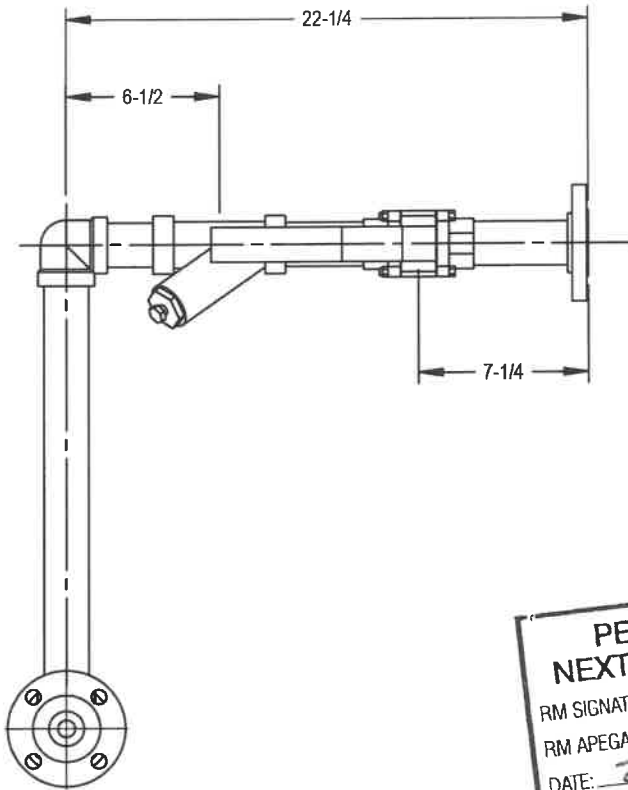
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PLAN



ELEVATION

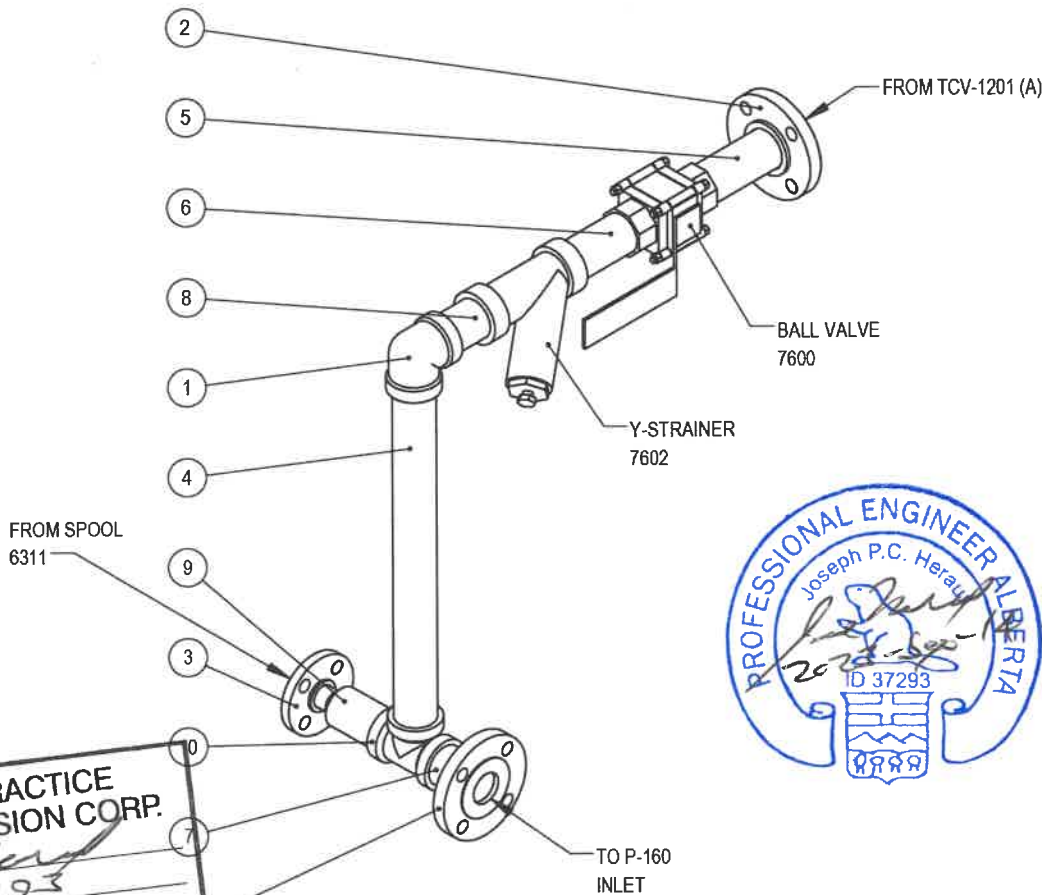


SIDE



BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3018881	ELBOW, 90, SW, 1-1/2", 3000CL, A/SA105N	
	2	2	3004314	FLANGE, RFSW, 1-1/2"-XS/SCH80, 150CL, A/SA105N	
	3	1	3004305	FLANGE, RFSW, 3/4"-XS/SCH80, 150CL, A/SA105N	
	4	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	18 3/16"
	5	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	4 7/8"
	6	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	4"
	7	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	2 5/8"
	8	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	2 3/4"
	9	1	TBD	SWAGE, CONC, BW 1-1/2"-XS/SCH80 x BW 3/4"-XS/SCH80, A/SA234-WPB	
	10	1	3019207	TEE, SW, 1-1/2", 3000CL, A/SA105N	



ISOMETRIC

SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT

NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

- ALL DIMENSIONS ARE IN INCHES.
- LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
- ALL DIMENSIONS ARE FITTING/FITTING.
- ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
- SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
- THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
- REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
- ESTIMATED WEIGHT: 27.19 LBS.

JOINT	VENDOR WPS	GENERAL DATA	DESIGN DATA
BUTT WELD		CODE: ASME B31.3 (2022)	SPECIFICATION: CNRL - A
SOCKET WELD		FLUID CAT.: NORMAL (SWEET)	DESIGN PRESSURE: 230 PSIG
FILLET WELD		SURF. PREP.: SSPC-SP2/3	DESIGN TEMP.: 300°F/-20°F
SLIP-ON WELD			TEST PRESSURE: 428 PSIG
			TEST MEDIUM: WATER
			HOLD TIME: 15 MIN.
			PWHT: NONE
			NDE: RT 10% BW, MPI 10% FILLETS
			C.A.: 1/16"

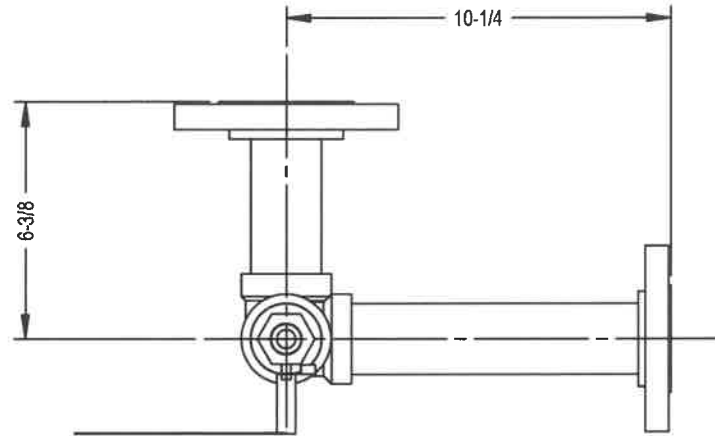
JOINT	VENDOR WPS	GENERAL DATA	DESIGN DATA
BUTT WELD		CODE: ASME B31.3 (2022)	SPECIFICATION: CNRL - A
SOCKET WELD		FLUID CAT.: NORMAL (SWEET)	DESIGN PRESSURE: 230 PSIG
FILLET WELD		SURF. PREP.: SSPC-SP2/3	DESIGN TEMP.: 300°F/-20°F
SLIP-ON WELD			TEST PRESSURE: 428 PSIG
			TEST MEDIUM: WATER
			HOLD TIME: 15 MIN.
			PWHT: NONE
			NDE: RT 10% BW, MPI 10% FILLETS
			C.A.: 1/16"

REV	DESCRIPTION	DATE	BY	APPR
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1	CHANGED BVUT LENGTHS	8/29/23	RR	NP

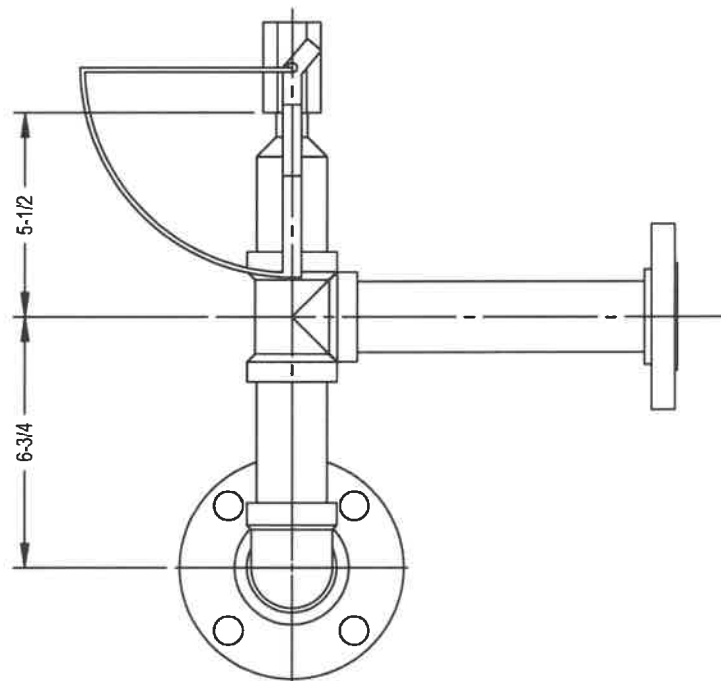
NEXT COMPRESSION	
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY ALBERTA, CANADA T4A 0E2 1 (800) 256-1598 WWW.NEXTCOMP.CA	
LABOUR CODE: F-6300	MATL CODE: F-6301

TITLE: GLYCOL 2	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/27/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6306
	REV.: 1

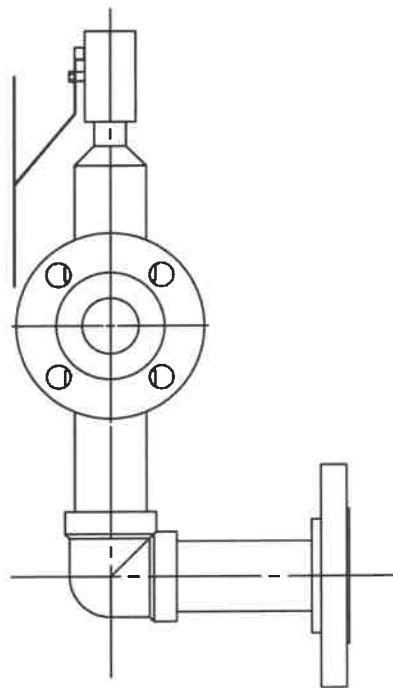
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PLAN

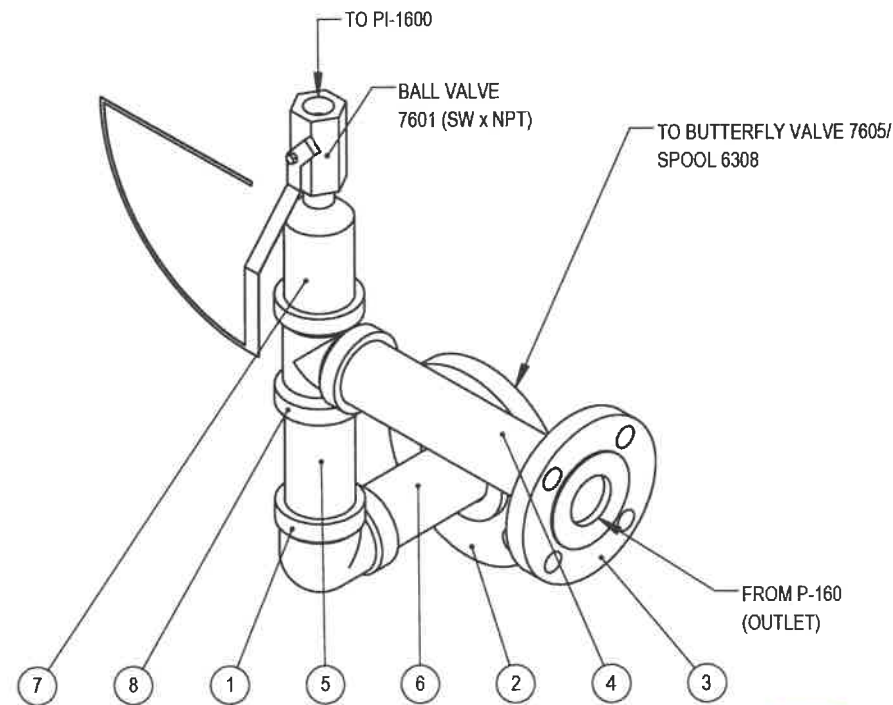


ELEVATION



SIDE

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3018881	ELBOW, 90, SW, 1-1/2", 3000CL, A/SA105N	
	2	1	3006029	FLANGE, RFHUB, 2", 150CL, A/SA105N, REDUCED SW 1-1/2"-XS/SCH80	
	3	1	3004314	FLANGE, RFSW, 1-1/2"-XS/SCH80, 150CL, A/SA105N	
	4	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	8 5/8"
	5	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	4 1/8"
	6	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	4 5/8"
	7	1	TBD	SWAGE, CONC, BW 1-1/2"-XS/SCH80 x BW 1/2"-XS/SCH80, A/SA234-WPB	
	8	1	3019207	TEE, SW, 1-1/2", 3000CL, A/SA105N	



ISOMETRIC

SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP PRIOR TO FINAL WELD OUT

PERMIT TO PRACTICE
NEXT COMPRESSION CORP.

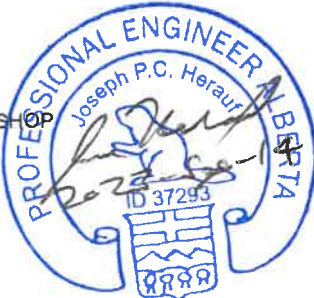
RM SIGNATURE: *Joe Herault*

RM APEGA ID #: 37223

DATE: 2023-Sep-14

PERMIT NUMBER: P14344

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 19.09 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

049-501

SPPOOL ID

JOB # (LAST 3 DIGITS)

GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
PAINT:	NEXT STANDARD	TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT COMPRESSION

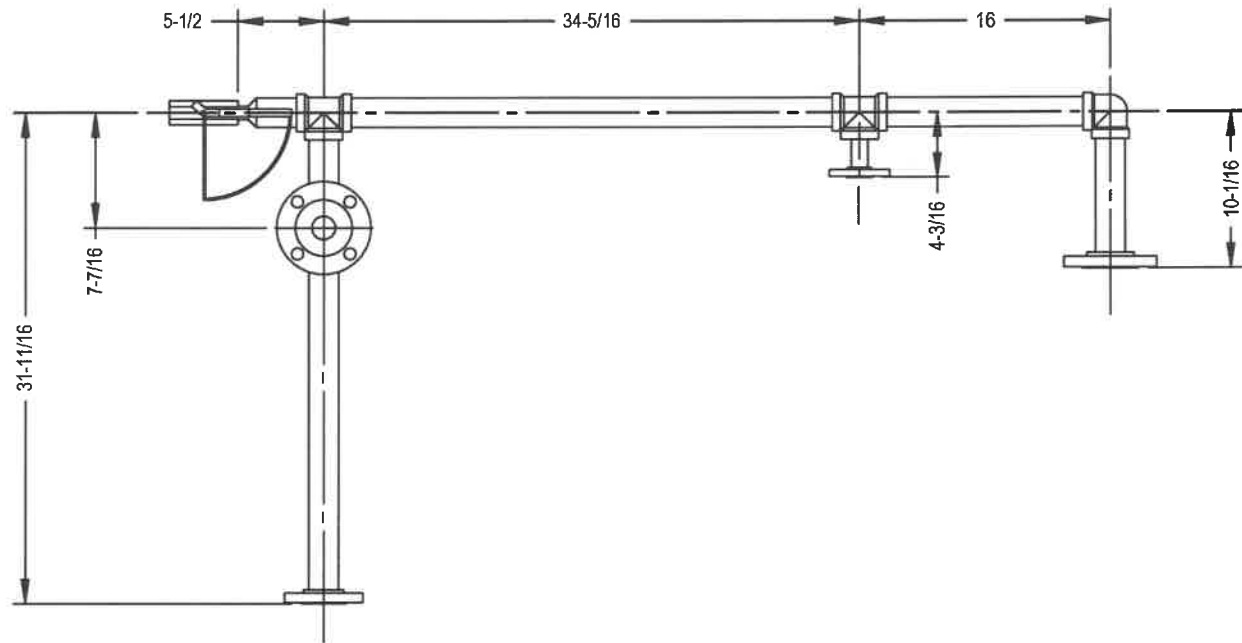
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA T4A 0E2, 1 (800) 258-1568
WWW.NEXTCOMP.CA

LABOUR CODE: F-6300

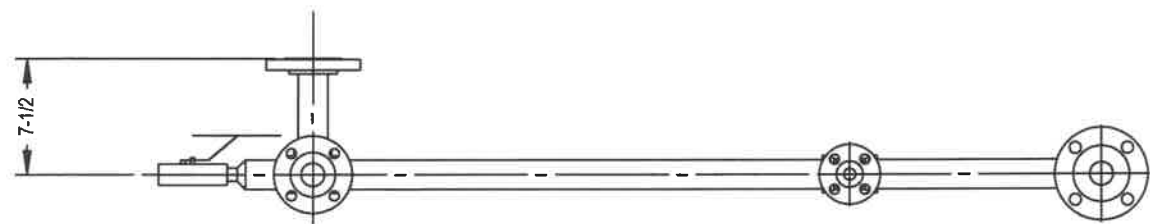
MATL CODE: F-6301

TITLE:	GLYCOL 3		
PROJECT:	CNRL		
	VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA		
DRAWN BY:	RR	JOB NO.:	101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY):	06/27/23	CUSTOMER REF NO.:	-
SHEET:	1 OF 1	DWG. NO.:	101121-6307
		REV.:	0

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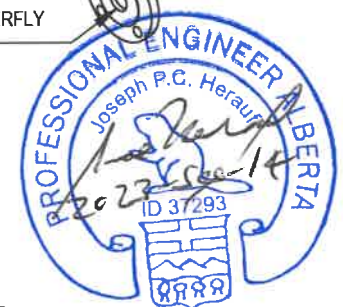
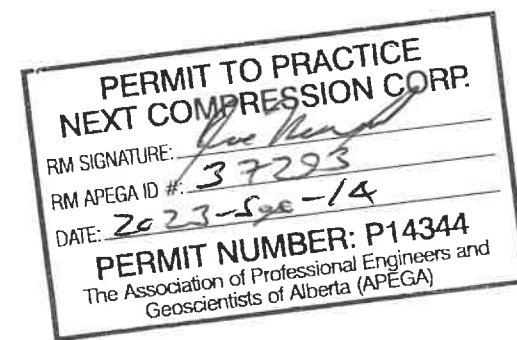
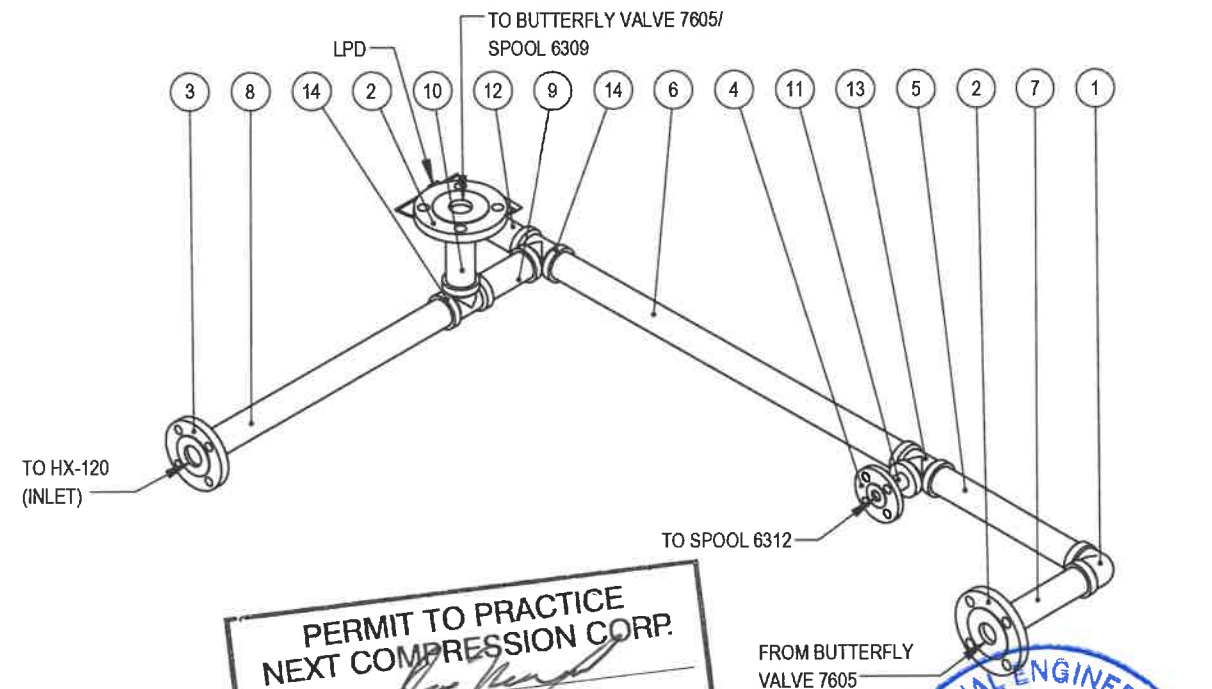
PLAN



ELEVATION

BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	1	3018881	ELBOW, 90, SW, 1-1/2", 3000CL, A/SA105N	
	2	2	3006029	FLANGE, RFHUB, 2", 150CL, A/SA105N, REDUCED SW 1-1/2"-XS/SCH80	
	3	1	3004314	FLANGE, RFSW, 1-1/2"-XS/SCH80, 150CL, A/SA105N	
	4	1	3004305	FLANGE, RFSW, 3/4"-XS/SCH80, 150CL, A/SA105N	
	5	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	13 3/8"
	6	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	31 11/16"
	7	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	8 5/16"
	8	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	22 5/8"
	9	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	4 13/16"
	10	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	5 3/4"
	11	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	2 5/8"
	12	1	TBD	SWAGE, CONC, BW 1-1/2"-XS/SCH80 x BW 1/2"-XS/SCH80, A/SA234-WPB	
	13	1	3018961	TEE, REDUCING, SW, 1-1/2" x 3/4", 3000CL, A/SA105N	
	14	2	3019207	TEE, SW, 1-1/2", 3000CL, A/SA105N	

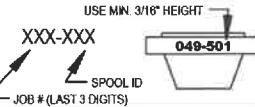


ISOMETRIC

SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT

- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 51.75 LBS.

JOINT	VENDOR WPS	GENERAL DATA	DESIGN DATA
BUTT WELD		CODE: ASME B31.3 (2022)	SPECIFICATION: CNRL - A
SOCKET WELD		FLUID CAT.: NORMAL (SWEET)	DESIGN PRESSURE: 230 PSIG
FILLET WELD		SURF. PREP.: SSPC-SP2/3	DESIGN TEMP.: 300°F/-20°F
SLIP-ON WELD		PRIME: NEXT STANDARD	TEST PRESSURE: 428 PSIG
			TEST MEDIUM: WATER
			HOLD TIME: 15 MIN.
			PWHT: NONE
			NDE: RT 10% BW, MPI 10% FILLETS
			C.A.: 1/16"
		PAINT: NEXT STANDARD	



REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT COMPRESSION

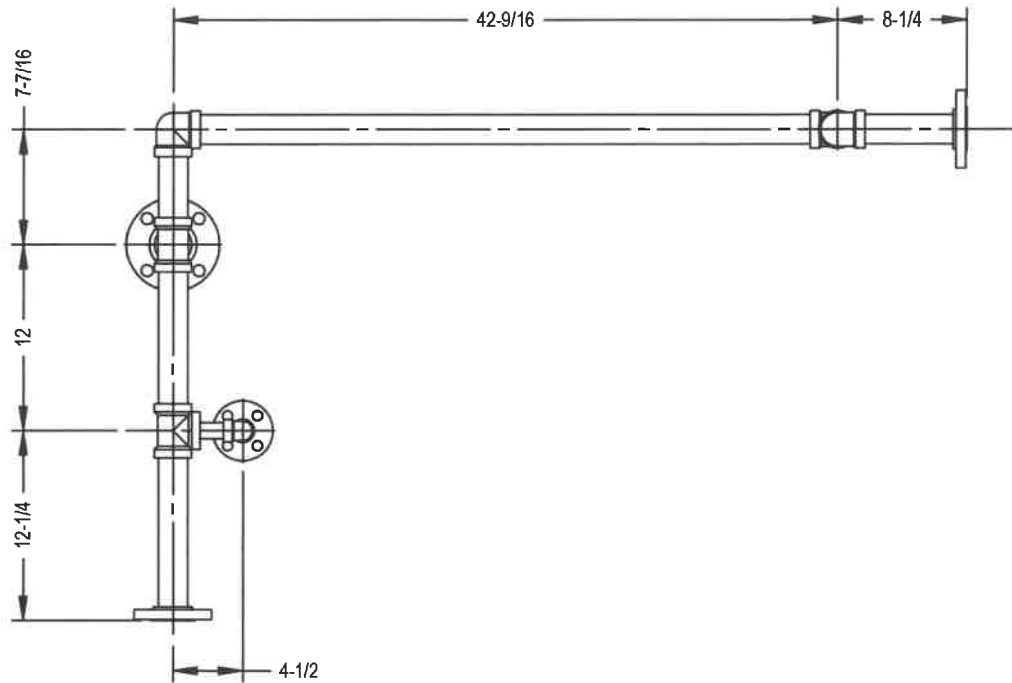
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA, T4A 0E2, 1 (800) 256-1586
WWW.NEXTCOMP.CA

LABOUR CODE: F-6300

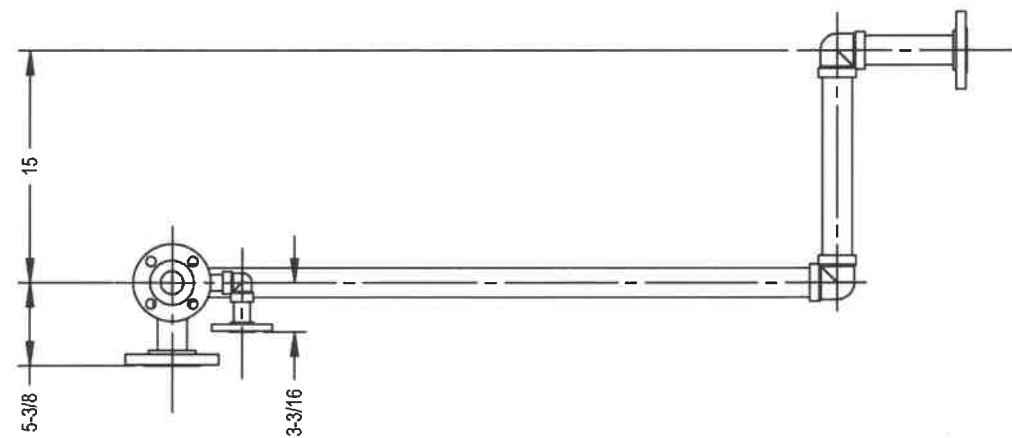
MATL CODE: F-6301

TITLE:		GLYCOL 4	
PROJECT:		CNRL	
		VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY:		RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY):		06/27/23	CUSTOMER REF NO.: -
SHEET:		1 OF 1	DWG. NO.: 101121-6308 REV.: 0

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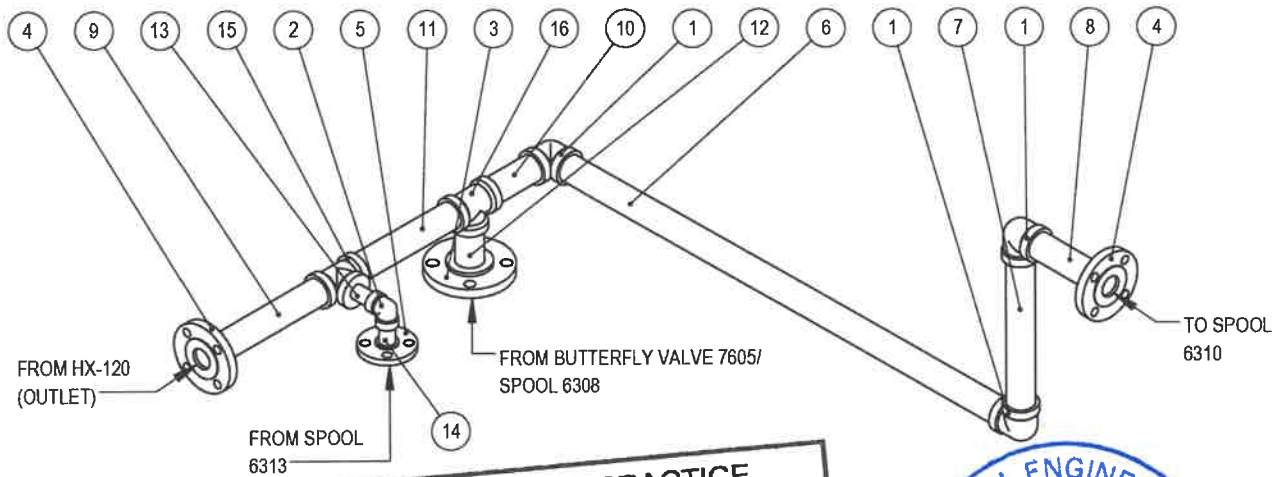
PLAN



ELEVATION

BILL OF MATERIAL

HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	3	3018881	ELBOW, 90, SW, 1-1/2", 3000CL, A/SA105N	
	2	1	3018878	ELBOW, 90, SW, 3/4", 3000CL, A/SA105N	
	3	1	3006029	FLANGE, RFHUB, 2", 150CL, A/SA105N, REDUCED SW 1-1/2"-XS/SCH80	
	4	2	3004314	FLANGE, RFSW, 1-1/2"-XS/SCH80, 150CL, A/SA105N	
	5	1	3004305	FLANGE, RFSW, 3/4"-XS/SCH80, 150CL, A/SA105N	
	6	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	39 15/16"
	7	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	12 3/8"
	8	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	6 5/8"
	9	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	10 5/8"
	10	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	4 13/16"
	11	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	9 3/8"
	12	1	3000033	PIPE, SMLS, 1-1/2"-XS/SCH80, A/SA106-B	3 5/8"
	13	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	2 3/8"
	14	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	2 1/8"
	15	1	3018961	TEE, REDUCING, SW, 1-1/2" x 3/4", 3000CL, A/SA105N	
	16	1	3019207	TEE, SW, 1-1/2", 3000CL, A/SA105N	



SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT

NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

- ALL DIMENSIONS ARE IN INCHES.
- LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
- ALL DIMENSIONS ARE FITTING/FITTING.
- ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
- SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
- THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
- REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
- ESTIMATED WEIGHT: 49.59 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

SPOOL ID

JOB # (LAST 3 DIGITS)

049-501

GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
		TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
PAINT:	NEXT STANDARD	NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

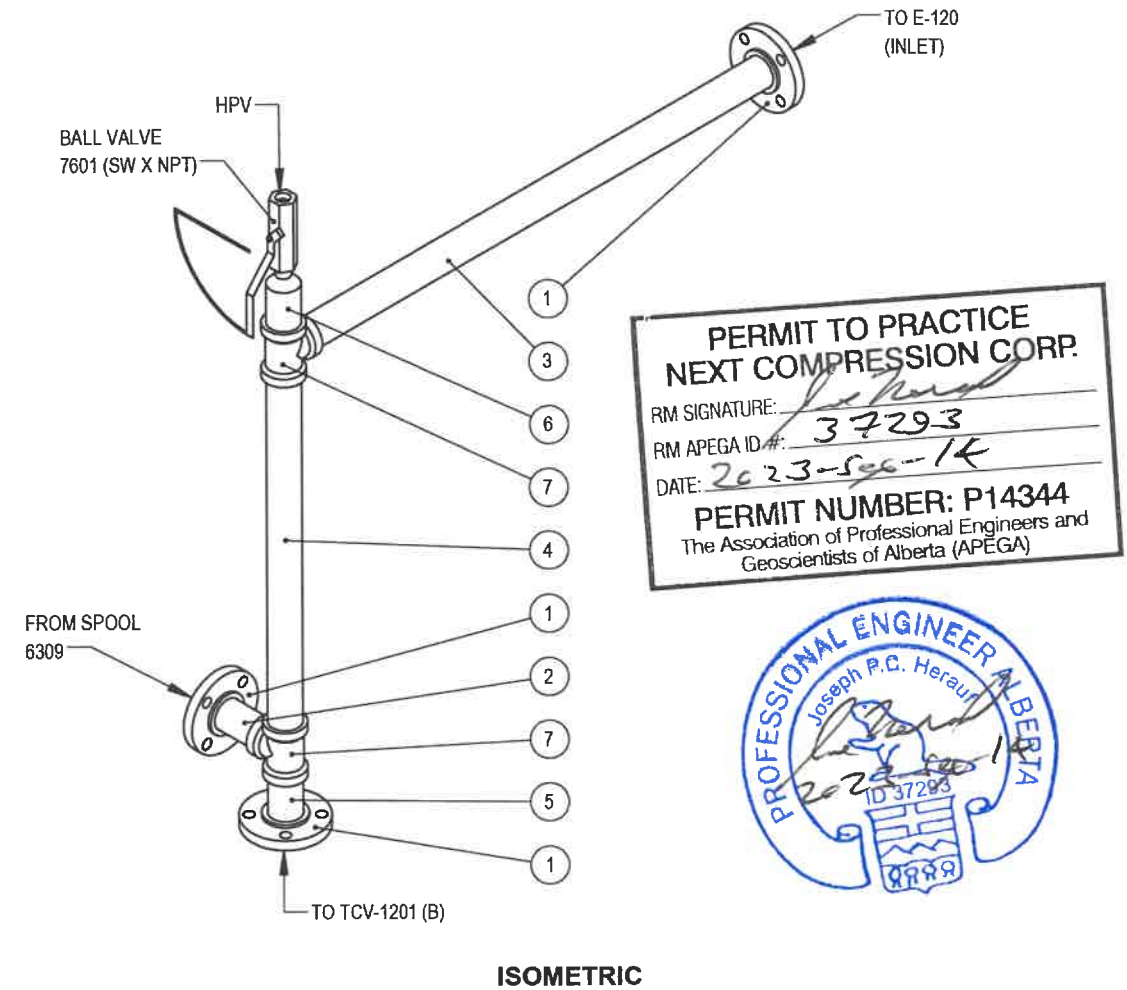
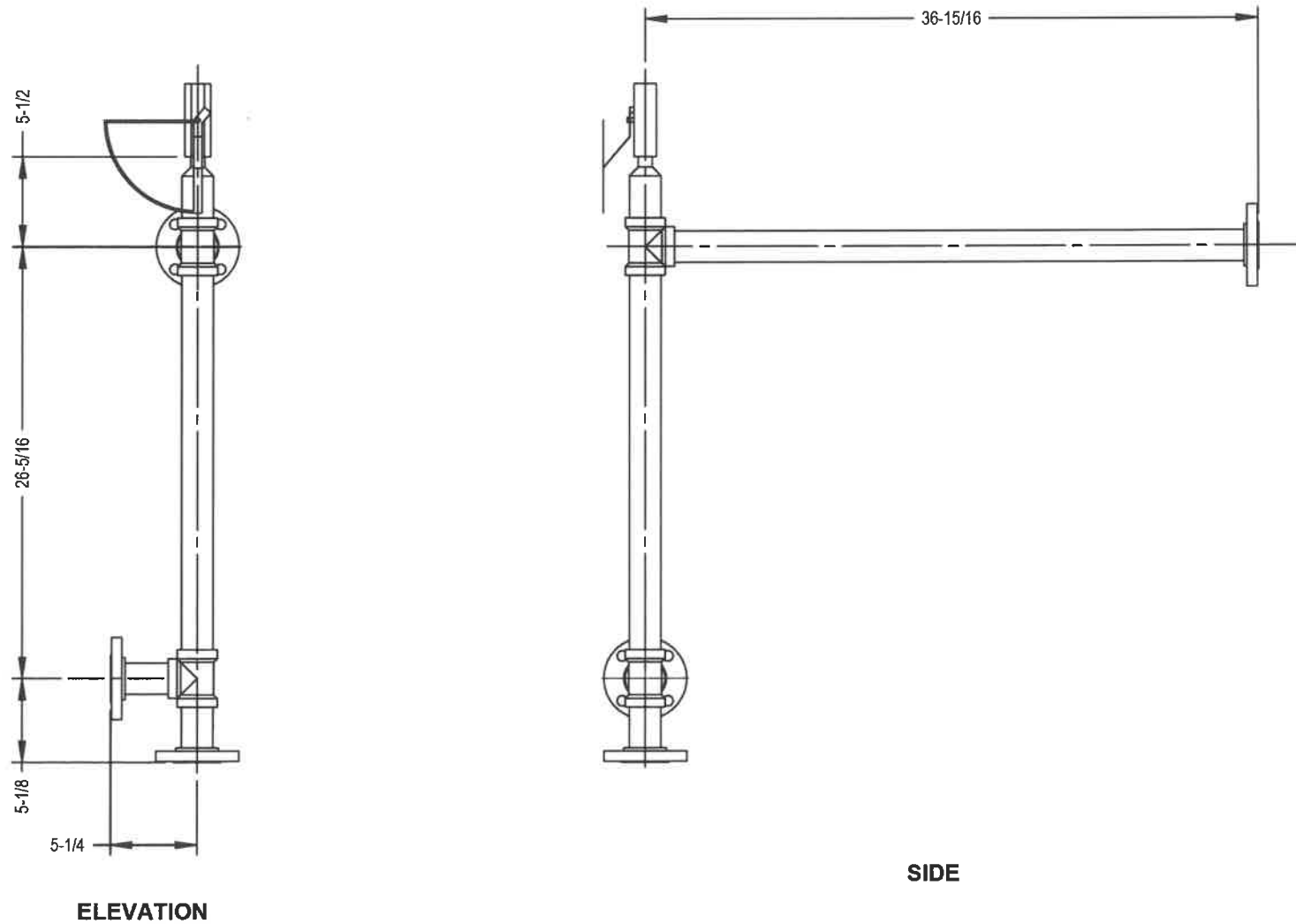


LABOUR CODE:
F-6300

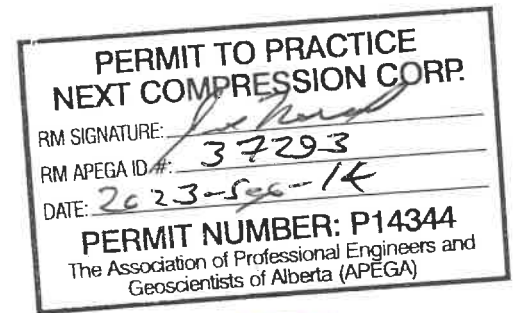
MATL CODE:
F-6301

TITLE: GLYCOL 5	
PROJECT: CNRL - VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/27/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6309
	REV.: 0

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SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
- ALL DIMENSIONS ARE IN INCHES.
 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-106 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 35.52 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

049-501

SPOOL ID

JOB # (LAST 3 DIGITS)

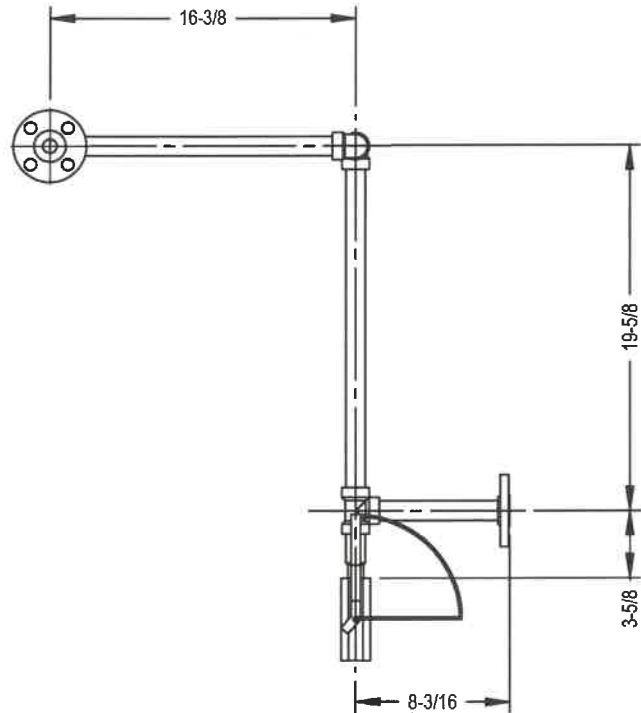
GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
		TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
PAINT:	NEXT STANDARD	PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

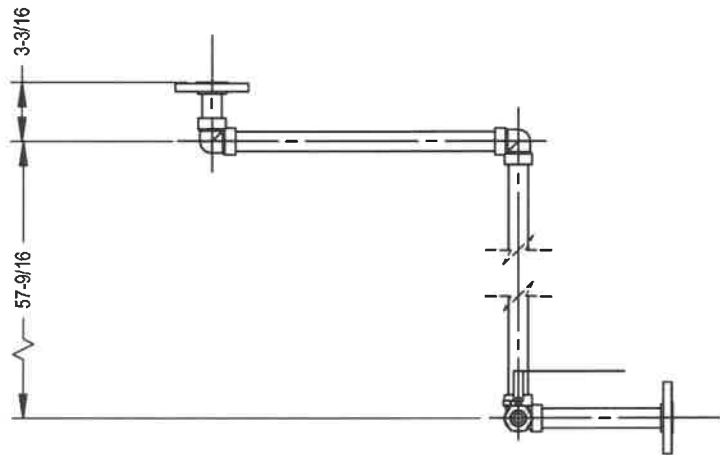
NEXT COMPRESSION	
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY ALBERTA, CANADA T4A 0E2 1 (800) 256-1586 WWW.NEXTCOMP.CA	
LABOUR CODE:	MATL CODE:
F-6300	F-6301

TITLE: GLYCOL 6	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/27/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. No.: 101121-6310
	REV.: 0

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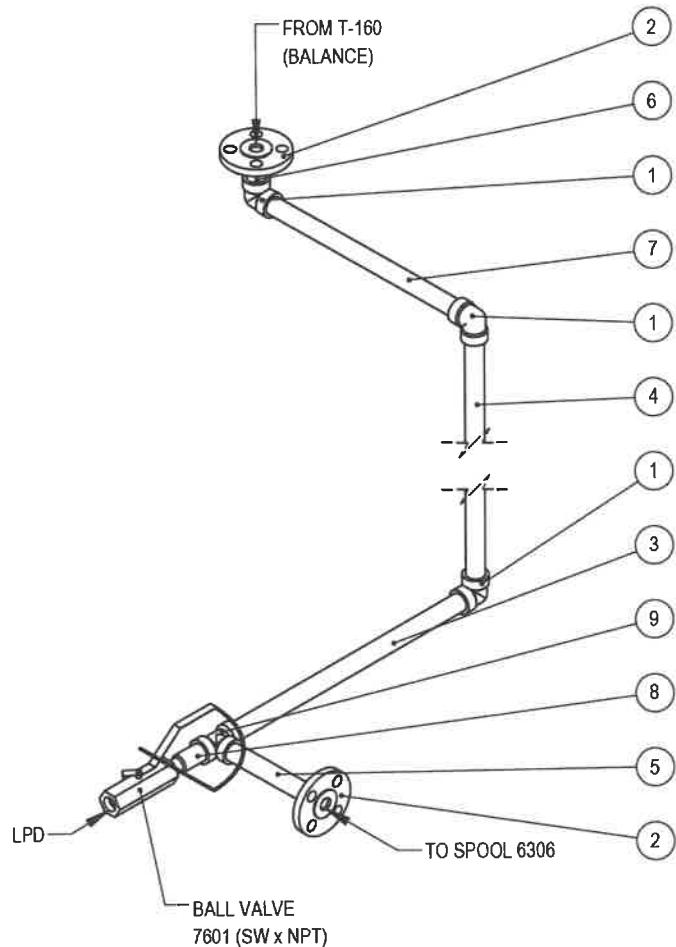
PLAN



ELEVATION



BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	3	3018878	ELBOW, 90, SW, 3/4", 3000CL, A/SA105N	
	2	2	3004305	FLANGE, RFSW, 3/4"-XS/SCH80, 150CL, A/SA105N	
	3	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	18
	4	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	55 15/16
	5	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	7 1/8"
	6	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	2 1/8
	7	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	14 3/4
	8	1	TBD	SWAGE, CONC, BW 3/4"-XS/SCH80 x BW 1/2"-XS/SCH80, A/SA234-WPB	
	9	1	3019203	TEE, SW, 3/4", 3000CL, A/SA105N	

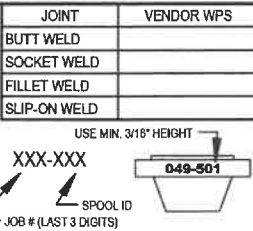


ISOMETRIC

SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT

NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

- ALL DIMENSIONS ARE IN INCHES.
- LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
- ALL DIMENSIONS ARE FITTING/FITTING.
- ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
- SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
- THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
- REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
- ESTIMATED WEIGHT: 18.94 LBS.



JOINT		VENDOR WPS		GENERAL DATA		DESIGN DATA	
BUTT WELD				CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD				FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD				SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD						TEST PRESSURE:	428 PSIG
				PRIME:	NEXT STANDARD	TEST MEDIUM:	WATER
						HOLD TIME:	15 MIN.
				PAINT:	NEXT STANDARD	PWHT:	NONE
						NDE:	RT 10% BW, MPI 10% FILLETS
						C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT
COMPRESSION

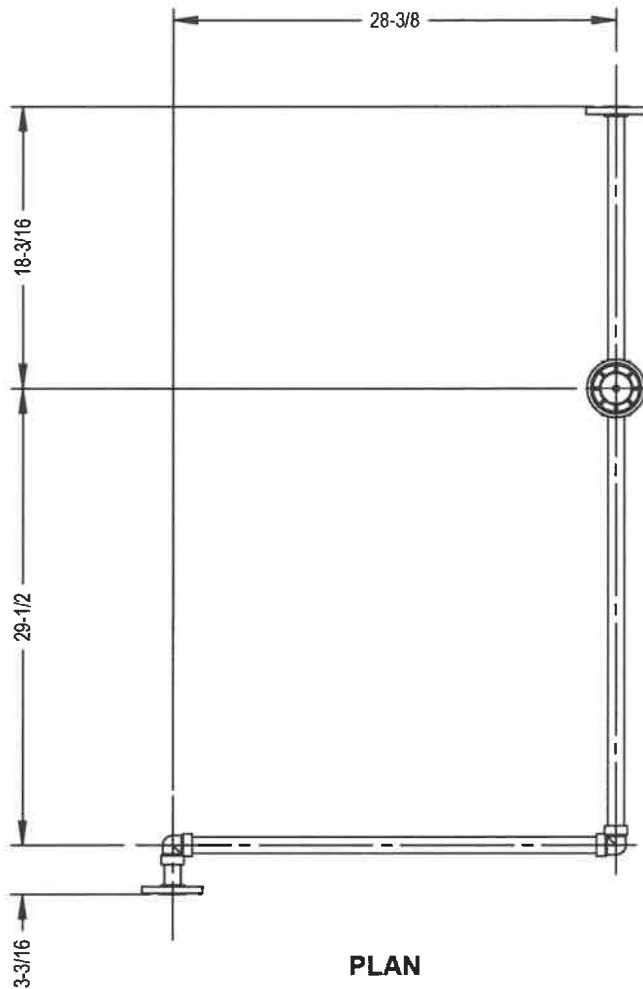
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA, T4A 0E2, 1 (800) 258-1598
WWW.NEXTCOMP.CA

LABOUR CODE: F-6300

MATL CODE: F-6301

TITLE: GLYCOL 7	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/27/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6311
	REV.: 0

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PLAN

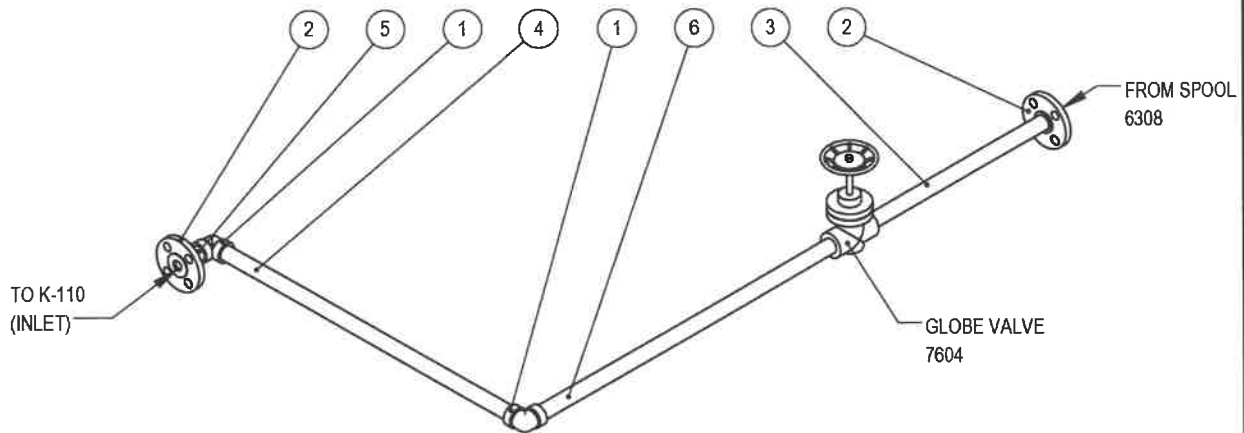


ELEVATION



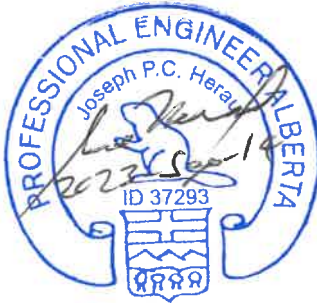
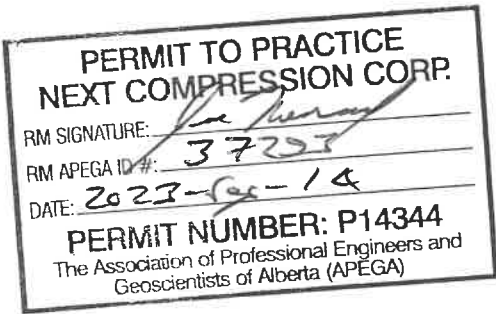
SIDE

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	2	3018878	ELBOW, 90, SW, 3/4", 3000CL, A/SA105N	
	2	2	3004305	FLANGE, RFSW, 3/4"-XS/SCH80, 150CL, A/SA105N	
	3	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	16 7/16"
	4	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	26 3/4"
	5	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	2 1/8"
	6	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	27 3/16"



ISOMETRIC

SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT



- NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):
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 - LINEAR DIM TOLERANCE IS $\pm 1/16"$, ANGULAR DIM TOLERANCE IS $\pm 0.5^\circ$.
 - ALL DIMENSIONS ARE FITTING/FITTING.
 - ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
 - SPOOL DESIGNATION NO. TO BE STAMPED ON ONE FLANGE (LARGEST) PER SHOWN FORMAT.
 - THE FOLLOWING MATERIALS MAY BE SUBSTITUTED: SA-106 GR.B WITH SA-333 GR.6, SA-105 WITH SA-350 LF2 CL.1, SA-234 WPB WITH SA-420 WPL6.
 - REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
 - ESTIMATED WEIGHT: 13.37 LBS.

JOINT	VENDOR WPS
BUTT WELD	
SOCKET WELD	
FILLET WELD	
SLIP-ON WELD	

USE MIN. 3/16" HEIGHT

XXX-XXX

SPPOOL ID

JOB # (LAST 3 DIGITS)

049-501

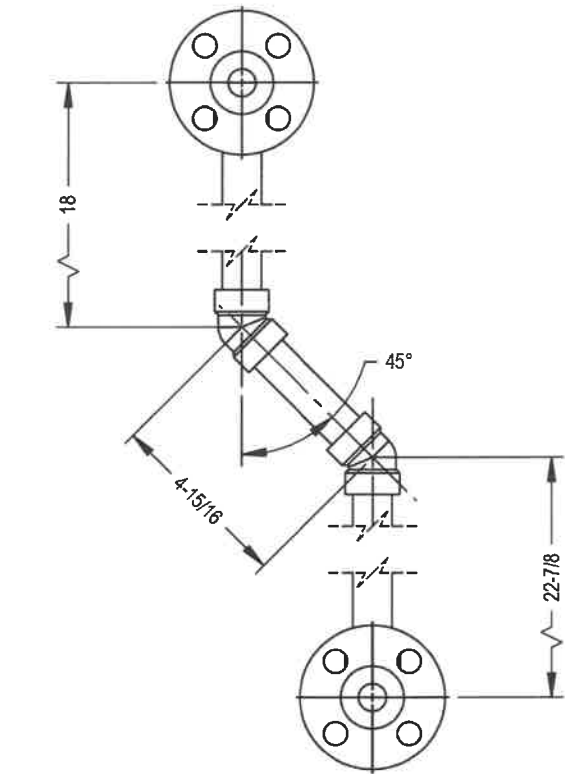
GENERAL DATA		DESIGN DATA	
CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
PRIME:	NEXT STANDARD	TEST PRESSURE:	428 PSIG
PAINT:	NEXT STANDARD	TEST MEDIUM:	WATER
		HOLD TIME:	15 MIN.
		PWHT:	NONE
		NDE:	RT 10% BW, MPI 10% FILLETS
		C.A.:	1/16"

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

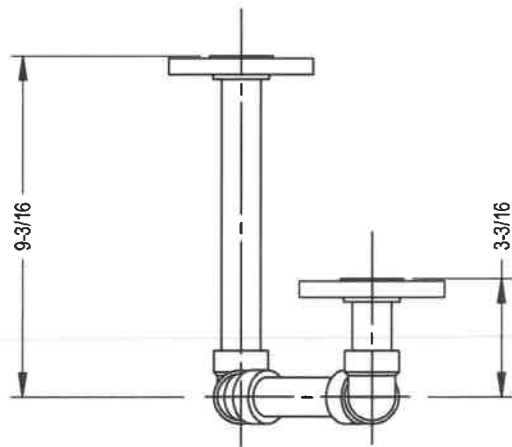
NEXT COMPRESSION	
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY ALBERTA, CANADA. T4A 0E2. 1 (800) 256-1588 WWW.NEXTCOMP.CA	
LABOUR CODE: F-6300	MATL CODE: F-6301

TITLE: GLYCOL 8	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/27/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6312
	REV.: 0

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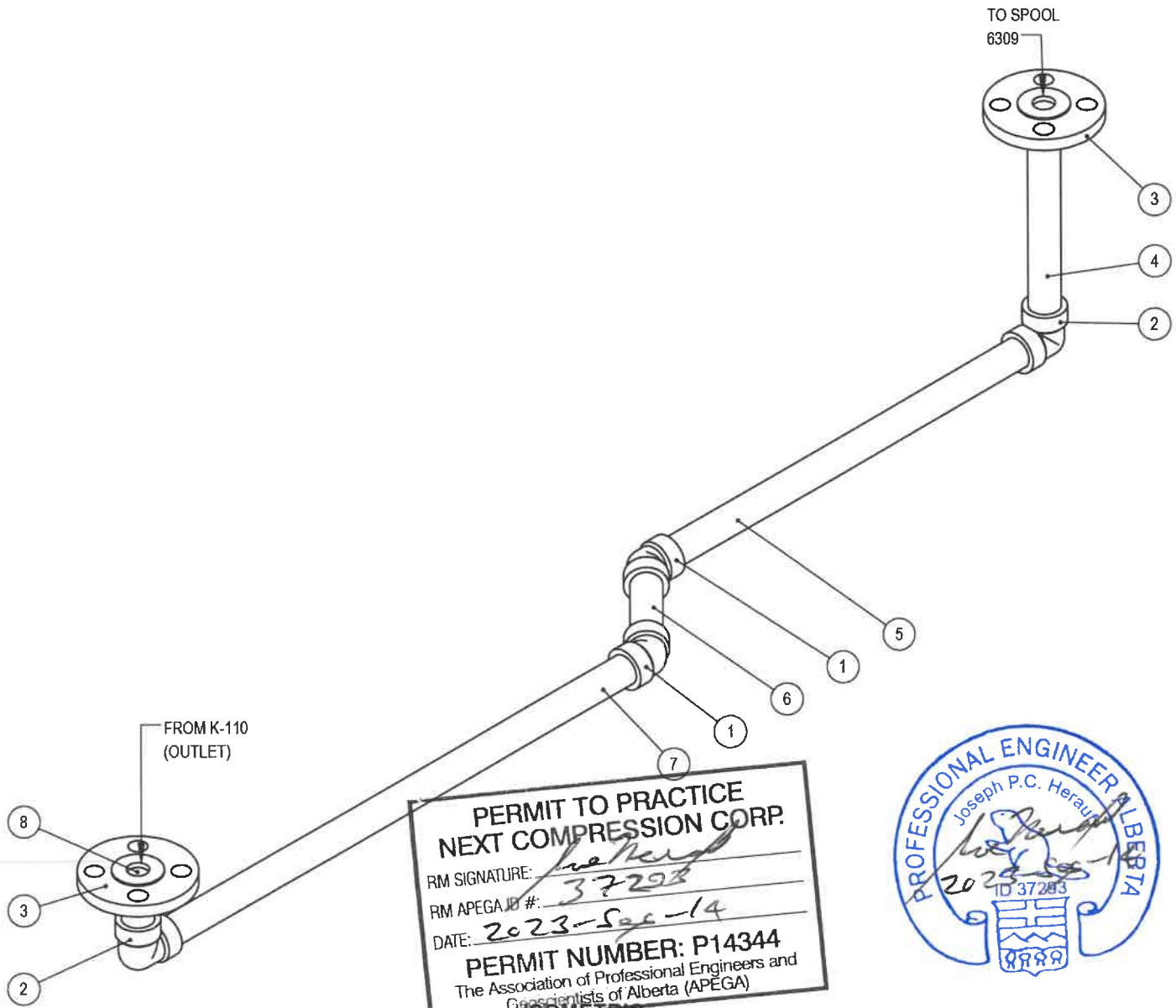


PLAN



ELEVATION

BILL OF MATERIAL					
HEAT NO.	ITEM NO.	QTY.	ITEM CODE	DESCRIPTION	LENGTH
	1	2	3018806	ELBOW, 45, SW, 3/4", 3000CL, A/SA105N	
	2	2	3018878	ELBOW, 90, SW, 3/4", 3000CL, A/SA105N	
	3	2	3004305	FLANGE, RFSW, 3/4"-XS/SCH80, 150CL, A/SA105N	
	4	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	8 1/8
	5	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	16 5/8
	6	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	3 13/16
	7	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	1200
	8	1	3000015	PIPE, SMLS, 3/4"-XS/SCH80, A/SA106-B	2 1/8

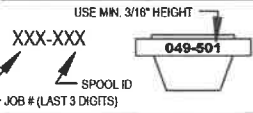


SW LAYOUT TO BE VERIFIED BY ASSEMBLY SHOP
PRIOR TO FINAL WELD OUT

NOTES (UNLESS OTHERWISE SPECIFIED IN THE DRAWING):

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- ALL FLANGE HOLES TO STRADDLE MAJOR VERTICAL/HORIZONTAL CENTERLINES.
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- REFER TO NEXT STANDARD WELDING PROCEDURE FWP-017 FOR WELD DETAILS.
- ESTIMATED WEIGHT: 11.06 LBS.

JOINT		VENDOR WPS	GENERAL DATA		DESIGN DATA	
BUTT WELD			CODE:	ASME B31.3 (2022)	SPECIFICATION:	CNRL - A
SOCKET WELD			FLUID CAT.:	NORMAL (SWEET)	DESIGN PRESSURE:	230 PSIG
FILLET WELD			SURF. PREP.:	SSPC-SP2/3	DESIGN TEMP.:	300°F/-20°F
SLIP-ON WELD					TEST PRESSURE:	428 PSIG
					TEST MEDIUM:	WATER
					HOLD TIME:	15 MIN.
					PWHT:	NONE
					NDE:	RT 10% BW, MPI 10% FILLETS
					C.A.:	1/16"



REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	ISSUED FOR CONSTRUCTION	06/30/23	RR	NP

NEXT COMPRESSION
261122 WAGON WHEEL CRES. ROCKY VIEW COUNTY
ALBERTA, CANADA. T4A 0E2, 1 (800) 256-1586
WWW.NEXTCOMP.CA

LABOUR CODE: **F-6300** MATL CODE: **F-6301**

TITLE: GLYCOL 9	
PROJECT: CNRL	
VRU, ROFLO 60HP ELECTRIC SMITH, AB - TBA	
DRAWN BY: RR	JOB NO.: 101121/2/3/4/5/6/7
DRAWN DATE (MM/DD/YY): 06/27/23	CUSTOMER REF NO.: -
SHEET: 1 OF 1	DWG. NO.: 101121-6313 REV.: 0