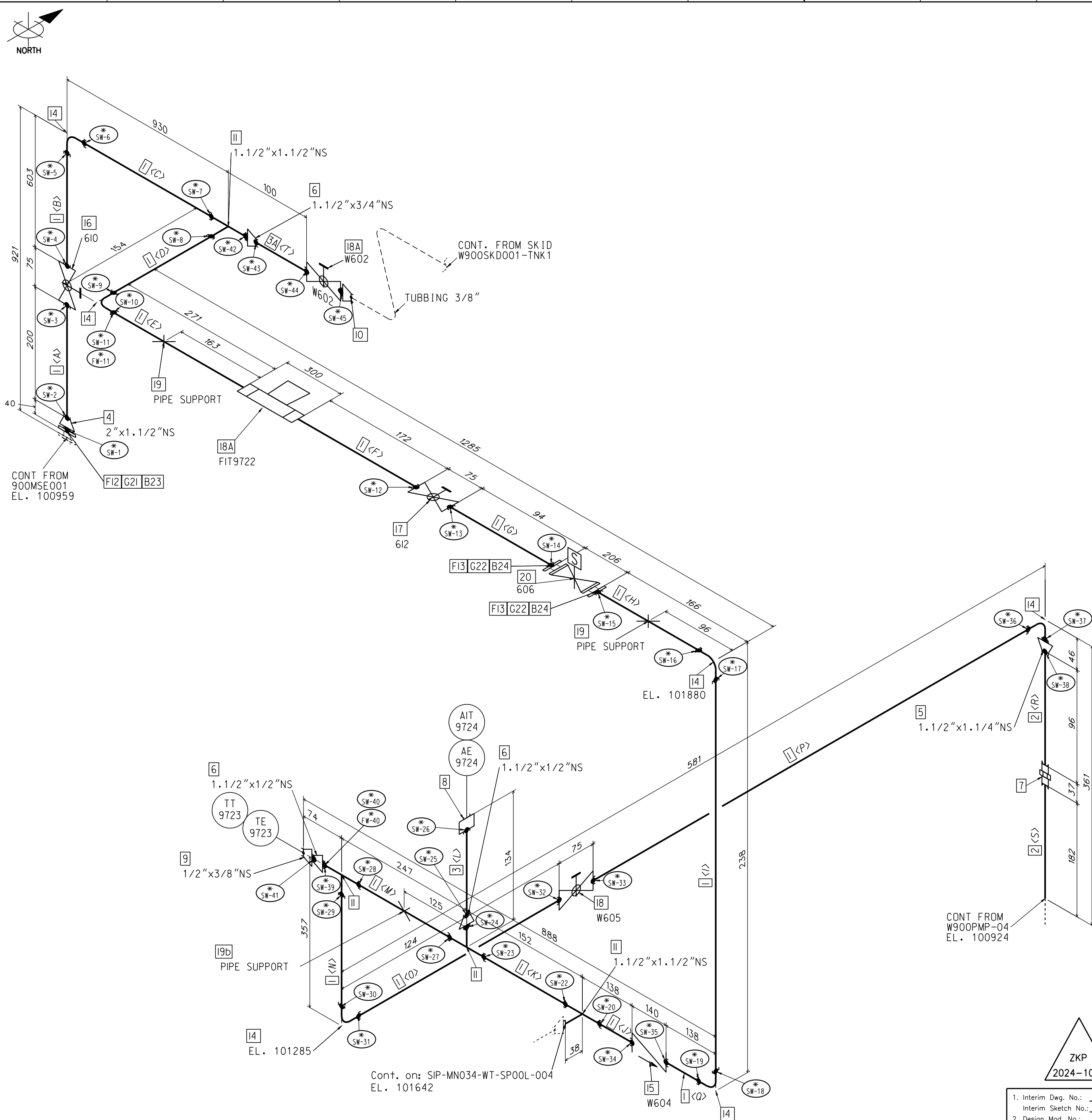




Bill of Materials					
Pos	Quantity	Size1	Size2	Description	
-----Shop Materials-----					
-----PIPES-----					
1	3728	1.1/2"		PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19	
2	278	1.1/4"		PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19	
3	65	1/2"		PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19	
3A	65	3/8"		PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19	
-----FITTINGS-----					
4	1	2"	1.1/2"	REDUCER INSERT, TYPE 1, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11	
5	1	1.1/2"	1.1/4"	REDUCER INSERT, TYPE 1, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11	
6	3	1.1/2"	1/2"	REDUCER INSERT, TYPE 3, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11	
6A	3	1.1/2"	3/4"	REDUCER INSERT, TYPE 3, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11	
7	1	1.1/4"		UNION, 3000LB, CS	
8	1	1/2"		PG 13.5 TO NPT 1/2 ADDAPTER	
9	1	1/2"	3/8"	Thermowell 1/2"	
10	1	3/4"	3/8"	PIPE TO TUBE ADDAPTER, SWAGelok, SS-6-TA-1-SW	
11	4	1.1/2"	1.1/2"	TEE, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11	
12	1	2"		SOCKETWELD FLANGE, FLAT FACE, 150LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.5	
13	2	1.1/2"		SOCKETWELD FLANGE, FLAT FACE, 150LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.5	
14	6	1.1/2"		90 DEGREE ELBOW, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11	
-----VALVES-----					
15	1	1.1/2"		CHECK VALVE, SW, SS, 600 LB, ANSI B16.34, SPEC. SP-G403, SH. G0A6	
16	1	1.1/2"		BALL VALVE, SW, SS, 600 LB, ANSI B16.34, SPEC. SP-G332A, SH. S46-3	
17	1	1.1/2"		BALL VALVE, SW, SS, 600 LB, ANSI B16.34, SPEC. SP-G332A, SH. S46-3	
18	1	1.1/2"		BALL VALVE, SW, SS, 600 LB, ANSI B16.34, SPEC. SP-G332A, SH. S46-3	
18A	1	1.1/2"		-	
-----Supports-----					
19	2	1.1/2"		PIPE SUPPORT, SEE DWG: SIP-MN034-SUPPORT-001	
19B	1	1.1/2"		PIPE SUPPORT, SEE DWG: SIP-MN034-SUPPORT-002	
-----Field Materials-----					
-----VALVES-----					
20	1	1.1/2"		SOLENOID VALVE	
-----Gaskets-----					
21	1	2"		GRAPHITE FLAT GASKET, 150LB, GARLOCK STYLE GYLON 3510 OR EQUAL, 1/8" THICK	
22	2	1.1/2"		GRAPHITE FLAT GASKET, 150LB, GARLOCK STYLE GYLON 3510 OR EQUAL, 1/8" THICK	
-----Bolts-----					
23	4	15	85	STUD BOLT M16x85mm, WITH NUTS	
24	8	12	70	STUD BOLT M14x70mm, WITH NUTS	
A	1.1/2"	200	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
B	1.1/2"	571	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
C	1.1/2"	856	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
D	1.1/2"	84	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
E	1.1/2"	239	BEVEL	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
F	1.1/2"	172	BEVEL	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
G	1.1/2"	88	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
H	1.1/2"	128	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
I	1.1/2"	174	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
J	1.1/2"	106	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
K	1.1/2"	88	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
L	1/2"	65	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
M	1.1/2"	184	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
N	1.1/2"	287	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
O	1.1/2"	92	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
P	1.1/2"	351	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
Q	1.1/2"	106	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
R	1.1/4"	96	SQ.CUT	SCRD	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
S	3/8"	65	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
T	3/8"	65	SQ.CUT	SQ.CUT	PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19
Pos	Size	Length	End One	End Two	Description

FILE: SIP-MN034-WT-SPOOL-003.dwg

1. Interim Dwg. No.:	SIP-MN034-WT-SPOOL-003-IA
Interim Sketch No.:	N/A
2. Design Mod. No.:	ZKP 2024-1061
3. Drawing Rev. No.:	N/A
4. New Drawing No.:	SIP-MN034-WT-SPOOL-003
5. Resp. Eng.:	T. BROMSE
6. Checker:	R. MLAKAR
Date:	18.07.2025
Date:	18.07.2025

NEW DWG.

Original Design Firm:
Replaced Manual Drawing:
Last Revision And Date:

SIPRO INZENIRING d.o.o.
N/A
N/A

THIS IS A CAD DRAWING AND SHOULD NOT BE REVISED OR MODIFIED MANUALLY

NO.	DATE	BY	REVISION	CHK.	BY	LE APPR.

NUKLEARNA ELEKTRARNA KRSKO NUCLEAR POWER PLANT KRSKO		
WT SYSTEM PIPE SPOOL		
DESIGN ENGINEERING		
MADE	CHECKED	LE APPROVAL
1.	2.	3.
REFERENCE DRAWINGS:		
SCALE		
SIP-MN034-WT-SPOOL-003 WT 0		
DRAWING NUMBER		
SYSTEM		
SH. NO.		

- NOTE:
- Reference piping specification is SP-G375A line spec 15D-1.
 - * in weld designation replaces SIP-MN034-WT-SPOOL-003.
 - FW or SW in weld designation is for field weld or shop weld, respectively.