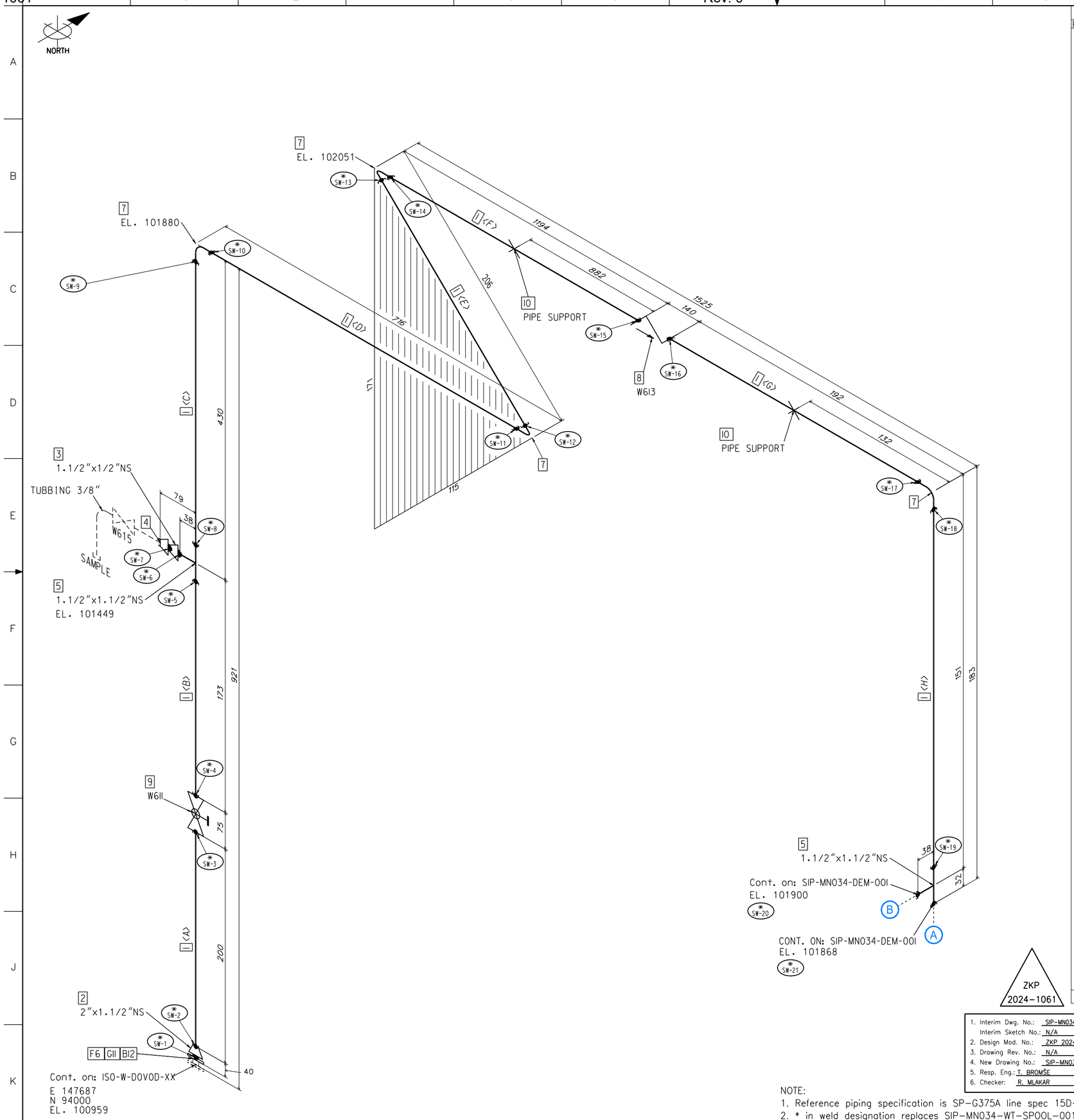


## Bill of Materials

| Pos | Quantity | Size1 | Size2 | Description |
|---|---|---|---|---|
| | | Shop Materials | | |
| | | PIPES | | |
| 1 | 2912 | 1.1/2" | | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |
| | | FITTINGS | | |
| 2 | 1 | 2" | 1.1/2" | REDUCER INSERT, TYPE 2, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11 |
| 3 | 1 | 1.1/2" | 1/2" | REDUCER INSERT, TYPE 3, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11 |
| 4 | 1 | 1/2" | 3/8" | PIPE TO TUBE ADDAPTER, SWAGELOK, SS-6-TA-1-SW |
| 5 | 2 | 1.1/2" | 1.1/2" | TEE, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11 |
| 6 | 1 | 2" | | SOCKETWELD FLANGE, FLAT FACE, 150LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.5 |
| 7 | 4 | 1.1/2" | | 90 DEGREE ELBOW, 3000LB, SW, SS, ASTM A-182, GR.F304, ANSI B16.11 |
| | | VALVES | | |
| 8 | 1 | 1.1/2" | | CHECK VALVE, SW, SS, 600 LB, ANSI B16.34, SPEC. SP-G403, SH. G0A6 |
| 9 | 1 | 1.1/2" | | BALL VALVE, SW, SS, 600 LB, ANSI B16.34, SPEC. SP-G332A, SH. S46-3 |
| | | Supports | | |
| 10 | 2 | 1.1/2" | | PIPE SUPPORT SEE DWG: SIP-MN034-SUPPORT-001 |
| | | Field Materials | | |
| | | Gaskets | | |
| 11 | 1 | 2" | | ASME STANDARD 150LB FLAT FACE JACKETED GASKET |
| | | Bolts | | |
| 12 | 4 | 15 | 85 | ASTM A307, 5/8 X 85 STUD BOLT |

| Pos | Size | Length | End One | End Two | Description |
|---|---|---|---|---|---|
| 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" | 141 | SQ.CUT | SQ.CUT | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |
| C | 1.1/2" | 367 | SQ.CUT | SQ.CUT | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |
| D | 1.1/2" | 652 | SQ.CUT | SQ.CUT | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |
| E | 1.1/2" | 143 | SQ.CUT | SQ.CUT | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |
| F | 1.1/2" | 1162 | SQ.CUT | SQ.CUT | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |
| G | 1.1/2" | 160 | SQ.CUT | SQ.CUT | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |
| H | 1.1/2" | 87 | SQ.CUT | SQ.CUT | PIPE, 40S, SW, SS, ASTM A-312, GR.TP304, ANSI B36.19 |

ZKP 2024-1061

1. Interim Dwg. No.: SIP-MN034-WT-SPOOL-001-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-001
5. Resp. Eng.: T. BROMSE Date: 18.07.2025
6. Checker: R. MLAKAR Date: 18.07.2025

NEW DWG.

Original Design Firm: SIPRO INZENIRING d.o.o.
Replaced Manual Drawing: N/A
Last Revision And Date: N/A

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

| NO. | DATE | BY | REVISION | CKD. BY | LE APPR. |
|---|---|---|---|---|---|

NOTE:
1. Reference piping specification is SP-G375A line spec 15D-1.
2. * in weld designation replaces SIP-MN034-WT-SPOOL-001.
3. FW or SW in weld designation is for field weld or shop weld, respectivelly.

NUKLEARNA ELEKTRARNA KRSKO
NUCLEAR POWER PLANT KRSKO

WT SYSTEM

PIPE SPOOL

DESIGN ENGINEERING
NUCLEAR POWER PLANT KRSKO KRSKO, SLOVENIA

MADE | CHECKED | LE APPROVAL

REFERENCE DRAWINGS:

SCALE

SIP-MN034-WT-SPOOL-001 | WT | 0
DRAWING NUMBER | SYSTEM | SH.NO. | REV.

FILE: SIP-MN034-WT-SPOOL-001.dwg