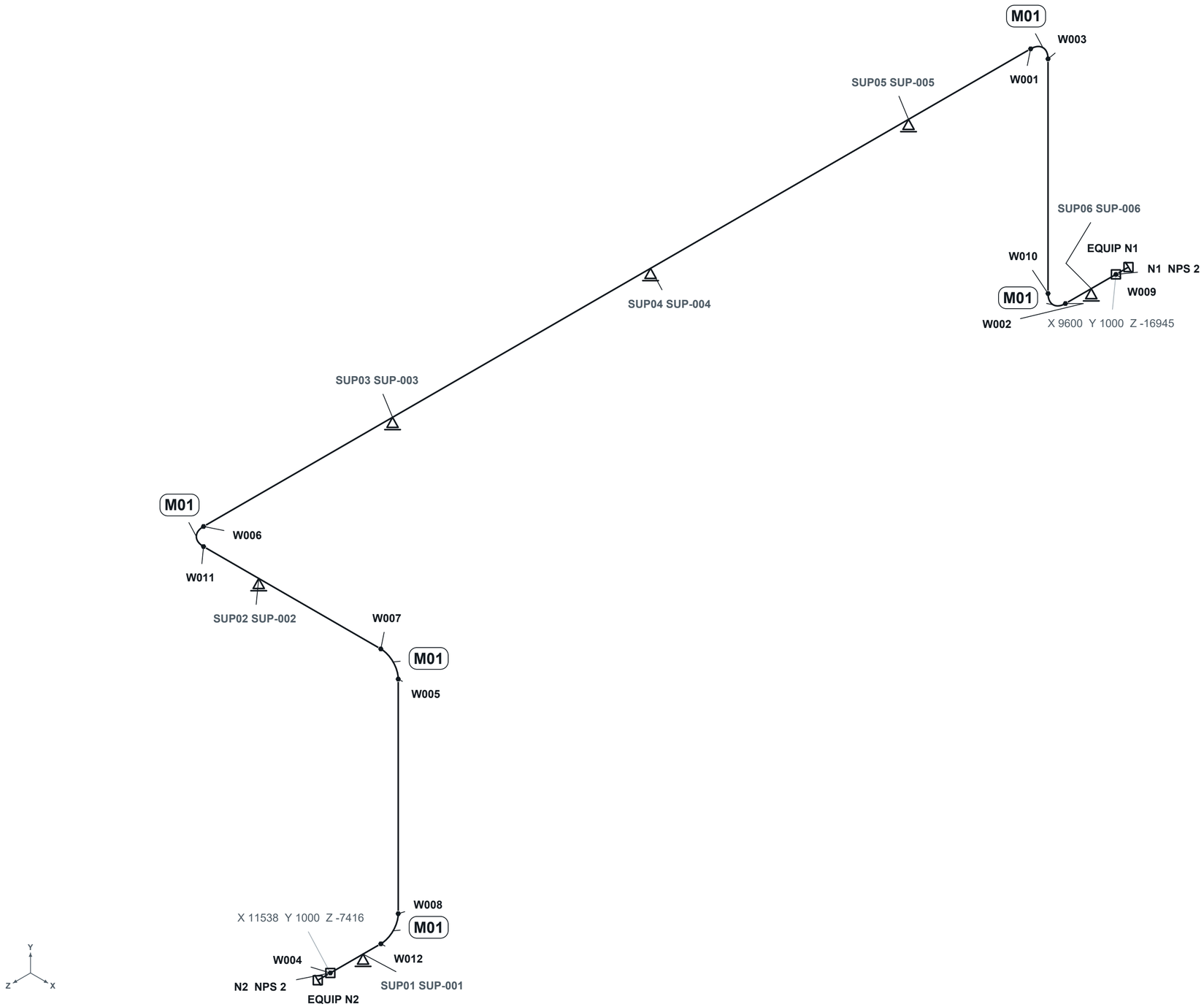
FABRICATION ISOMETRIC - SPOOL CIP-10101

LINE 100-CIP-CIP-101-HYG11851



CL = ROUTE CENTRELINE / Cxx = CUT LENGTH / MODEL XYZ (Y UP) / EL DATUM Y=0

ALL DIMENSIONS IN mm - DO NOT SCALE DRAWING

MATERIAL TAKE-OFF

MK	DESCRIPTION	QTY
M01	Weld bend 90°, DIN 11852, 316L, DN 50 NPS 2 / BEND90-HYG-DN50	5
M02	Hygienic tube, DIN 11850 series 2, 316L, DN 50 (53 x 1.5) NPS 2 / TUBE-HYG-DN50	15.167 m
M03	Parametric Shoe support intent, NPS 2 NPS 2 / SUP-SHOE-2	6

PROJECT
-
CLIENT
-
LOCATION
-

LINE NUMBER
100-CIP-CIP-101-HYG11851
SERVICE
CIP gidiş
SPEC / SIZE
HYG11851 / NPS 2
DESIGN
DP 6 barg / DT 95 C / INS 0 mm / CLR 0 mm / SLP -

DRAWING NUMBER
ISO-100-CIP-101-CIP-10101-A
TITLE
FABRICATION ISOMETRIC / SPOOL CIP-10101
REV / STATUS
A / Draft
DRAWN / DATE / SHEET
PLANTICA / 2026-10-20 / 1 OF 2

PIPING ISOMETRIC - FABRICATION SCHEDULES

FABRICATION SPOOL REGISTER

SPOOL	DRAWING	REV	STATUS	PACKAGE	RELEASED UTC	COMPONENTS	BASIS
CIP-10101	-	A	Draft	-	-	11	CONTROLLED

MATERIAL TAKE-OFF

MK	LINE	TYPE	PART CODE	DESCRIPTION	SIZE	SPEC	QTY	WT kg
M01	100-CIP-CIP-101-HYG11851	Elbow90LR	BEND90-HYG-DN50	Weld bend 90°, DIN 11852, 316L, DN 50	2	HYG11851	5	1.05
M02	100-CIP-CIP-101-HYG11851	Pipe	TUBE-HYG-DN50	Hygienic tube, DIN 11850 series 2, 316L, DN 50 (53 x 1.5)	2	HYG11851	15.167 m	29.121
M03	100-CIP-CIP-101-HYG11851	PipeSupport	SUP-SHOE-2	Parametric Shoe support intent, NPS 2	2	HYG11851	6	-

PIPE CUT PIECES

CUT	SPOOL	PART CODE	NPS	SCH	MATERIAL	CUT mm	START XYZ mm	END XYZ mm
C01	CIP-10101	TUBE-HYG-DN50	2	R2	1.4404-316L	430	9600 / 1000 / -16515	9600 / 1000 / -16945
C02	CIP-10101	TUBE-HYG-DN50	2	R2	1.4404-316L	2060	9600 / 3130 / -16445	9600 / 1070 / -16445
C03	CIP-10101	TUBE-HYG-DN50	2	R2	1.4404-316L	8389	9600 / 3200 / -7986	9600 / 3200 / -16375
C04	CIP-10101	TUBE-HYG-DN50	2	R2	1.4404-316L	1798	11468 / 3200 / -7916	9670 / 3200 / -7916
C05	CIP-10101	TUBE-HYG-DN50	2	R2	1.4404-316L	430	11538 / 1000 / -7416	11538 / 1000 / -7846
C06	CIP-10101	TUBE-HYG-DN50	2	R2	1.4404-316L	2060	11538 / 1070 / -7916	11538 / 3130 / -7916

ISO COMPONENT / SKEY REGISTER

MARK	SPOOL	SKEY	FAMILY	PART CODE	NPS	CLASS	DESCRIPTION
I01	CIP-10101	ELBW	Elbow90LR	BEND90-HYG-DN50	2	-	Weld bend 90°, DIN 11852, 316L, DN 50
I02	CIP-10101	ELBW	Elbow90LR	BEND90-HYG-DN50	2	-	Weld bend 90°, DIN 11852, 316L, DN 50
I03	CIP-10101	ELBW	Elbow90LR	BEND90-HYG-DN50	2	-	Weld bend 90°, DIN 11852, 316L, DN 50
I04	CIP-10101	ELBW	Elbow90LR	BEND90-HYG-DN50	2	-	Weld bend 90°, DIN 11852, 316L, DN 50
I05	CIP-10101	ELBW	Elbow90LR	BEND90-HYG-DN50	2	-	Weld bend 90°, DIN 11852, 316L, DN 50

WELD LIST

WELD	SPOOL / ADJ	TYPE	CLASS	STATUS	NDE	PWHT	TEST PACK	SOURCE
W004	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W012	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W008	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W005	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W007	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W011	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W006	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W001	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W003	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W010	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W002	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED
W009	CIP-10101	Butt	SHOP	Planned	-	NO	-	REGISTERED

SUPPORT LIST

MARK	SPOOL	TAG	TYPE	STRUCTURE	EXT mm	XYZ mm
SUP01	CIP-10101	SUP-001	Shoe	Steel:295#0@F0	154.5	11538 / 1000 / -7666
SUP02	CIP-10101	SUP-002	Shoe	Steel:296#0@F0	154.5	10229.6 / 3200 / -7916
SUP03	CIP-10101	SUP-003	Shoe	Steel:297#0@F0	154.5	9600 / 3200 / -9903.1
SUP04	CIP-10101	SUP-004	Shoe	Steel:298#0@F0	154.5	9600 / 3200 / -12519.9
SUP05	CIP-10101	SUP-005	Shoe	Steel:299#0@F0	154.5	9600 / 3200 / -15136.6
SUP06	CIP-10101	SUP-006	Shoe	Steel:300#0@F0	154.5	9600 / 1000 / -16695

EQUIPMENT NOZZLES

MARK	TAG	NPS	CONNECTION	CLASS	XYZ mm
N01	N1	2	ButtWeld	-	9600 / 1000 / -16945
N02	N2	2	ButtWeld	-	11538 / 1000 / -7416