ITEM	DRAWING No	DESCRIPTION	QTY.	MASS (kg)
1	OEM-M16-AT-210-304	M16x2 ALL THREAD 304 S/S x 210 LONG	4	0.34
2	OEM-M16-AT-160-304	M16x2 ALL THREAD 304 S/S x 160 LONG	4	0.26
3	OEM-2635-SHL	ARITA 50NB LUGGED BUTTERFLY VALVE 316 S/S	3	
4	OEM-2634-SHL	50NB ARITA GATE VALVE S/S 150Lb ANSI	3	
5	OEM-2631-SHL	40NB ARITA GATE VALVE 150 Lb S/S	1	
6	OEM-80-PN10-15	80NB EN1092 PN10 1.5mm C-4400 GASKET	4	0
7	OEM-50-150-15	50NB 150 Lb 1.5mm C-4040 GASKET	6	0
8	OEM-50-92-SQ	50NB x 92 SQUARE FLANGE GASKET	4	0.02
9	OEM-40-PN10-15	40NB EN1092 PN10 1.5mm C-4400 GASKET	2	0.1
10	OEM-40-150-15	40NB ANSI 150 Lb 1.5mm C-4400 GASKET	2	0.0
11	3996-75	40NB EXISTING S/S PIPE	1	5.06
12	3996-70	40NB PIPE MODIFIED WITH ANSI 150Lb FLANGE	1	5.39
13	3996-55	50NB 150Lb ANSI FLANGE TO 92 SQ SPOOL PIECE	3	3.23
14	3996-50	COOLING WATER PIPE 2	1	48.01
15	3996-45	50NB 150Lb ANSI FLANGE TO 92 SQ SPOOL PIECE	3	3.81

ITEM	DRAWING No	DESCRIPTION	QTY.	MASS (kg)
16	3996-40	COOLING WATER PIPE 1	1	43.60
17	3996-35	EMBEDED PIPE ELBOW ITEM 1	1	16.82
18	3996-30	COOLING WATER PIPE TEE	1	13.44
19	3996-25	EMEBEDED PIPE ITEM 2	1	19.32
20		HEAT EXCHANGER	3	26.62
21		M12 FLAT WASHER 304 S/S (24x14x1.5)	16	0.00
22		M12x1.75 HEX NUT 304 S/S	8	
23		M12x1.75 x 55 HEX BOLT 304 S/S	8	0.1
24		M16 FLAT WASHER 304 S/S (30x17.5x1.5)	120	0.01
25		M16x2.0 HEX NUT 304 S/S	56	0.04
26		M16x2.0 x 40 HEX BOLT 304 S/S	24	0.1
27		M16x2.0 x 65 HEX BOLT 304 S/S	40	0.1

RED EYE QR CODE AREA

VALVES & FLOW METERS FOR ILLUSTRATION ONLY

PIPEWORK MANUFACTURED OF A JIG - FLANGES AS PER DRAWING
DIMENSIONS ARE APPROXIMATE

REV	NAME & DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED:
TOLERANCES: MACHINE + / - 0.25mm
FABRICATION + / - 1.0 mm

THIS DRG SUPPLIED BY
RODDY ENGINEERING
14 Waratah St, TUMUT NSW 2720
Ph: 02 6947 4039

DRAWN: N DE BRUYN 27/02/2026
DRAWING CHECKED
DESIGNED
DESIGN CHECKED
SCALE 1:20
APPROVED
WORK ORDER No
SECTION No/KKS
A2 SHEET SIZE

snowyhydro LIMITED

M2 POWER STATION UNIT 13
COOLING WATER HEAT EXCHANGER
ASSEMBLIED COOLER PUMP PIPE WORK

DRAWING No. 3996-20
REV:

SMA-DRG-NO

REV

SHEET 1 OF 1