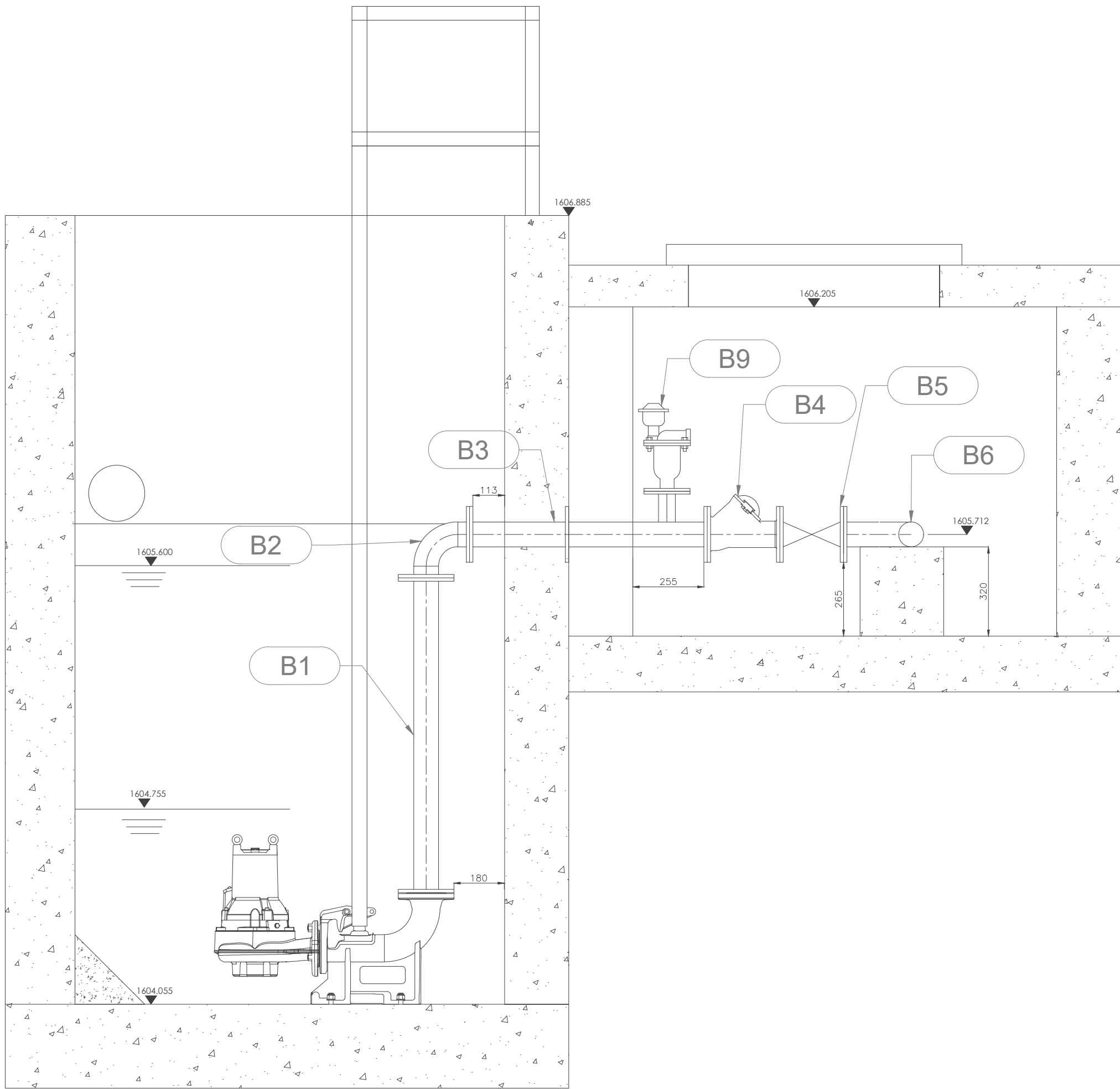


PLAN VIEW WAS PIPEWORK
SCALE 1:15



SECTION A-A
SCALE 1:15

WAS PIPE SCHEDULE

ITEM NR	DESCRIPTION	STD	SCHEMATIC	QTY
B1	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE BOTH ENDS PLATE FLANGED, NP 1000 kPa, 80 -1000/3, 304 STAINLESS STEEL ASME WELDED CONSTRUCTION PICKLED AND PASSIVATED FINISH FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS.	ASTM A240 304 ASME B36.19 SANS 1123 ASTM A380-04		1
B2	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE WITH 90° LONG RADIUS ELBOW EXTRA DN80 304 STAINLESS STEEL, SCHEDULE 10 PIPE WITH DIMENSION AS INDICATED BOTH ENDS PLATE FLANGED, NP 1000 kPa, 80 -1000/3, 304 STAINLESS STEEL ASME WELDED CONSTRUCTION PICKLED AND PASSIVATED FINISH FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS.	ASTM A240 304 ASME B36.19 ASME B16.9 SANS 1123 ASTM A380-04		2
B3	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE BRANCH: 1X DN50 304 STAINLESS STEEL SCHEDULE 10S PIPE, PLATE FLANGED, NP 1000 kPa, 50 -1000/3, 304 STAINLESS STEEL BOTH ENDS PLATE FLANGED, NP 1000 kPa, 80 -1000/3, 304 STAINLESS STEEL 304 STAINLESS STEEL PUDDLE FLANGE FOR DN80 PIPE AS INDICATED ASME WELDED CONSTRUCTION PICKLED AND PASSIVATED FINISH FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS.	ASTM A240 304 ASME B36.19 SANS 1123 SANS 1123 ASTM A380-04		2
B4	DN80, PN16, DUCTILE IRON BALL CHECK VALVE, FLANGE DRILLED TO SANS 1123/ EN 1092 EPOXY COATED FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS. INCLUDE BOLT SLEEVE AND WASHER KIT TO PREVENT GALVANIC REACTION.	EN 12050-4 SANS 1123/ EN 1092 SANS 664		2
B5	DN80, PN16, DUCTILE IRON GATE VALVE WITH HAND WHEEL, FLANGE DRILLED TO SANS 1123/ EN 1092 EPOXY COATED FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS. INCLUDE BOLT SLEEVE AND WASHER KIT TO PREVENT GALVANIC REACTION.	SANS 664 SANS 1123/ EN 1092		2
B6	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE WITH 90° LONG RADIUS ELBOW EXTRA DN80 304 STAINLESS STEEL, SCHEDULE 10 PIPE WITH DIMENSION AS INDICATED BOTH ENDS PLATE FLANGED, NP 1000 kPa, 80 -1000/3, 304 STAINLESS STEEL ASME WELDED CONSTRUCTION PICKLED AND PASSIVATED FINISH FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS.	ASTM A240 304 ASME B36.19 ASME B16.9 SANS 1123 ASTM A380-04		1
B7	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE SWEEP TEE EXTRA DN80 304 STAINLESS STEEL, SCHEDULE 10 PIPE WITH DIMENSION AS INDICATED BOTH ENDS PLATE FLANGED, NP 1000 kPa, 80 -1000/3, 304 STAINLESS STEEL ASME WELDED CONSTRUCTION PICKLED AND PASSIVATED FINISH FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS.	ASTM A240 304 ASME B36.19 ASME B16.9 SANS 1123 ASTM A380-04		1
B8	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE BOTH ENDS PLATE FLANGED, NP 1000 kPa, 80 -1000/3, 304 STAINLESS STEEL 304 STAINLESS STEEL PUDDLE FLANGE FOR DN80 PIPE AS INDICATED ASME WELDED CONSTRUCTION PICKLED AND PASSIVATED FINISH FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS.	ASTM A240 304 ASME B36.19 SANS 1123 SANS 1123 ASTM A380-04		1
B9	DN50 COMBINATION AIR RELEASE VALVE, DUCTILE IRON, FLANGE DRILLED TO SANS 1123/ EN 1092 FLANGE CONNECTION TO BE PROVIDED WITH SUITABLE STAINLESS STEEL BOLTS, NUTS, WASHERS AND GASKETS. INCLUDE BOLT SLEEVE AND WASHER KIT TO PREVENT GALVANIC REACTION.	EN1074 SANS 1123/ EN 1092		2

NOTES:

LOCAL MUNICIPALITY: MAP


SPONSOR & REGULATOR: DWS


ISSUED FOR TENDER

050

100 MILLIMETRES ON ORIGINAL DRAWING

A

BEFORE CONTRACT COMMENCES

A

AFTER CONSTRUCTION CONTRACT HAS COMMENCED

Nr.	DATE	AMENDMENTS

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CLIENT / IMPLEMENTING AGENT



**V3 CONSULTING ENGINEERS**

T: +27 51 045 1950

Suite 31, Nobel House, 196 Nelson Mandela Road, Brandwag, Bloemfontein, 9301



PROJECT

TSHIAME WWTW REFURBISHMENT

DRAWING DESCRIPTION

WAS PIPEWORK

DRAWING NO.

10909001-6011

REVISION

T1

DESIGNED:	AK	CHECKED:	<i>J. de Klerk</i>
DRAWN:	AK	ECSA PR No: 20130658	A1
APPROVED:	<i>J. de Klerk</i>	SCALE:	AS SHOWN
ECSA PR No: 20130658		INCEPTION DATE:	SEPT'24
FILE PATH:	SHAREPOINT / BLOEMFONTEIN - 10909001 TSHIAME WWTW / 04 DOC PROC / 04 DRAW		

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