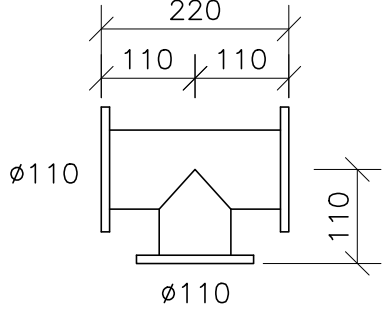
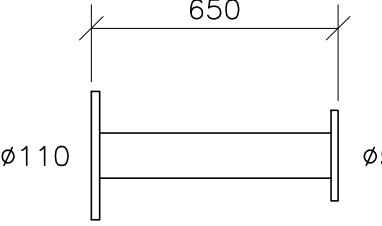
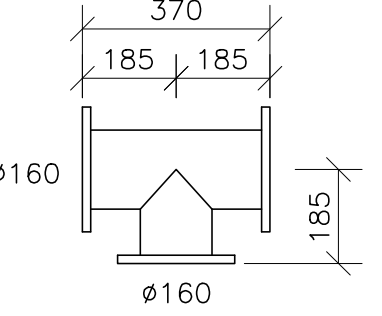
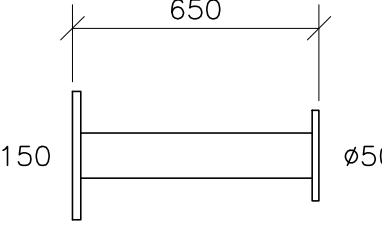
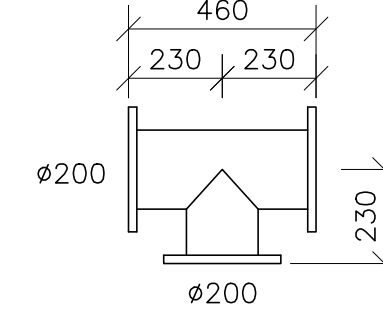
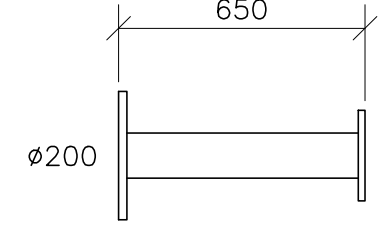
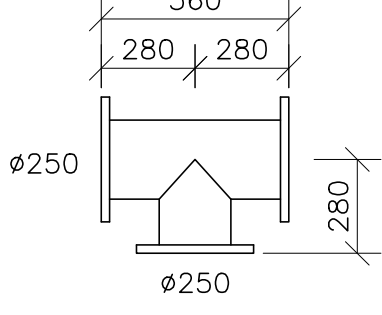
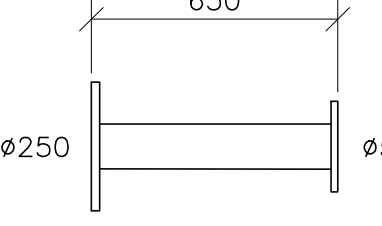
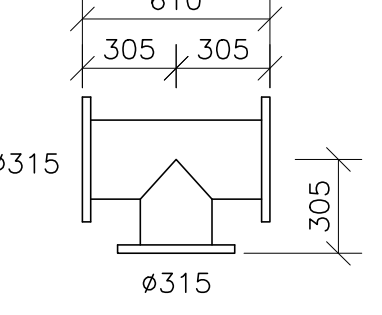
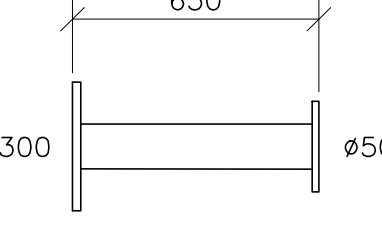


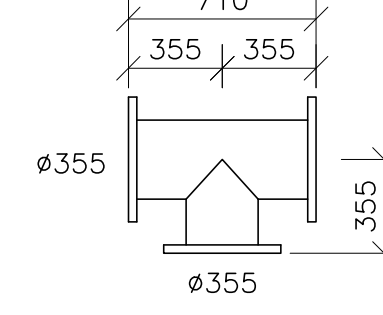
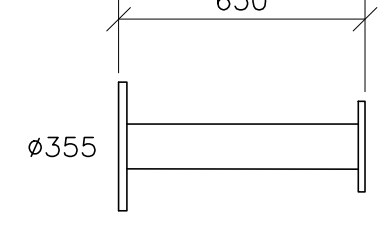
PIPE LIST					DRG NO. N/A
					LIST NO. 1 (ø110)
POSITION : AIR VALVE CHAMBER					AMEND
ITEM	AMOUNT	CLASS	PROTEC-TION	DESCRIPTION	DIMENSIONS
AV 1.1	2	BULK MAIN CLASS	C	FLANGE ADAPTOR, VIKING JOHNSON OR SIMILAR APPROVED TO SUIT BULK MAIN CONNECTION.	STANDARD
AV 1.2	1	BULK MAIN CLASS	C	EQUAL T-PIECE, WITH ALL ENDS FLANGED.	
AV 1.3	1	BULK MAIN CLASS	C	MS. RISER PIPE, WITH BOTH ENDS FLANGED. - BOTTOM FLANGE TO SUITE T-PIECE. - TOP FLANGE TO SUITE GATE VALVE.	
AV 1.4	1	BULK MAIN CLASS	C	ø50 RSV GATE VALVE WITH BOTH ENDS FLANGED.	STANDARD
AV 1.5	1	BULK MAIN CLASS	C	ø50 AIR RELEASE AND VACUUM BREAK VALVE (VENT-O-MAT SERIES RBX OR SIMILAR APPROVED). WITH BOTH ENDS FLANGED TO SANS 1123.	STANDARD

PIPE LIST					DRG NO. N/A
					LIST NO. 2 (ø160)
POSITION : AIR VALVE CHAMBER					AMEND
ITEM	AMOUNT	CLASS	PROTEC-TION	DESCRIPTION	DIMENSIONS
AV 1.1	2	BULK MAIN CLASS	C	FLANGE ADAPTOR, VIKING JOHNSON OR SIMILAR APPROVED TO SUIT BULK MAIN CONNECTION.	STANDARD
AV 1.2	1	BULK MAIN CLASS	C	EQUAL T-PIECE, WITH ALL ENDS FLANGED.	
AV 1.3	1	BULK MAIN CLASS	C	MS. RISER PIPE, WITH BOTH ENDS FLANGED. - BOTTOM FLANGE TO SUITE T-PIECE. - TOP FLANGE TO SUITE GATE VALVE.	
AV 1.4	1	BULK MAIN CLASS	C	ø50 RSV GATE VALVE WITH BOTH ENDS FLANGED.	STANDARD
AV 1.5	1	BULK MAIN CLASS	C	ø50 AIR RELEASE AND VACUUM BREAK VALVE (VENT-O-MAT SERIES RBX OR SIMILAR APPROVED). WITH BOTH ENDS FLANGED TO SANS 1123.	STANDARD

PIPE LIST					DRG NO. N/A
					LIST NO. 3 (ø200)
POSITION : AIR VALVE CHAMBER					AMEND
ITEM	AMOUNT	CLASS	PROTEC-TION	DESCRIPTION	DIMENSIONS
AV 1.1	2	BULK MAIN CLASS	C	FLANGE ADAPTOR, VIKING JOHNSON OR SIMILAR APPROVED TO SUIT BULK MAIN CONNECTION.	STANDARD
AV 1.2	1	BULK MAIN CLASS	C	EQUAL T-PIECE, WITH ALL ENDS FLANGED.	
AV 1.3	1	BULK MAIN CLASS	C	MS. RISER PIPE, WITH BOTH ENDS FLANGED. - BOTTOM FLANGE TO SUITE T-PIECE. - TOP FLANGE TO SUITE GATE VALVE.	
AV 1.4	1	BULK MAIN CLASS	C	ø50 RSV GATE VALVE WITH BOTH ENDS FLANGED.	STANDARD
AV 1.5	1	BULK MAIN CLASS	C	ø50 AIR RELEASE AND VACUUM BREAK VALVE (VENT-O-MAT SERIES RBX OR SIMILAR APPROVED). WITH BOTH ENDS FLANGED TO SANS 1123.	STANDARD

PIPE LIST					DRG NO. N/A
					LIST NO. 4 (ø250)
POSITION : AIR VALVE CHAMBER					AMEND
ITEM	AMOUNT	CLASS	PROTEC-TION	DESCRIPTION	DIMENSIONS
AV 1.1	2	BULK MAIN CLASS	C	FLANGE ADAPTOR, VIKING JOHNSON OR SIMILAR APPROVED TO SUIT BULK MAIN CONNECTION.	STANDARD
AV 1.2	1	BULK MAIN CLASS	C	EQUAL T-PIECE, WITH ALL ENDS FLANGED.	
AV 1.3	1	BULK MAIN CLASS	C	MS. RISER PIPE, WITH BOTH ENDS FLANGED. - BOTTOM FLANGE TO SUITE T-PIECE. - TOP FLANGE TO SUITE GATE VALVE.	
AV 1.4	1	BULK MAIN CLASS	C	ø50 RSV GATE VALVE WITH BOTH ENDS FLANGED.	STANDARD
AV 1.5	1	BULK MAIN CLASS	C	ø50 AIR RELEASE AND VACUUM BREAK VALVE (VENT-O-MAT SERIES RBX OR SIMILAR APPROVED). WITH BOTH ENDS FLANGED TO SANS 1123.	STANDARD

PIPE LIST					DRG NO. N/A
					LIST NO. 5 (ø315)
POSITION : AIR VALVE CHAMBER					AMEND
ITEM	AMOUNT	CLASS	PROTEC-TION	DESCRIPTION	DIMENSIONS
AV 1.1	2	BULK MAIN CLASS	C	FLANGE ADAPTOR, VIKING JOHNSON OR SIMILAR APPROVED TO SUIT BULK MAIN CONNECTION.	STANDARD
AV 1.2	1	BULK MAIN CLASS	C	EQUAL T-PIECE, WITH ALL ENDS FLANGED.	
AV 1.3	1	BULK MAIN CLASS	C	MS. RISER PIPE, WITH BOTH ENDS FLANGED. - BOTTOM FLANGE TO SUITE T-PIECE. - TOP FLANGE TO SUITE GATE VALVE.	
AV 1.4	1	BULK MAIN CLASS	C	ø50 RSV GATE VALVE WITH BOTH ENDS FLANGED.	STANDARD
AV 1.5	1	BULK MAIN CLASS	C	ø50 AIR RELEASE AND VACUUM BREAK VALVE (VENT-O-MAT SERIES RBX OR SIMILAR APPROVED). WITH BOTH ENDS FLANGED TO SANS 1123.	STANDARD

PIPE LIST					DRG NO. N/A
					LIST NO. 6 (ø355)
POSITION : AIR VALVE CHAMBER					AMEND
ITEM	AMOUNT	CLASS	PROTEC-TION	DESCRIPTION	DIMENSIONS
AV 1.1	2	BULK MAIN CLASS	C	FLANGE ADAPTOR, VIKING JOHNSON OR SIMILAR APPROVED TO SUIT BULK MAIN CONNECTION.	STANDARD
AV 1.2	1	BULK MAIN CLASS	C	EQUAL T-PIECE, WITH ALL ENDS FLANGED.	
AV 1.3	1	BULK MAIN CLASS	C	MS. RISER PIPE, WITH BOTH ENDS FLANGED. - BOTTOM FLANGE TO SUITE T-PIECE. - TOP FLANGE TO SUITE GATE VALVE.	
AV 1.4	1	BULK MAIN CLASS	C	ø80 RSV GATE VALVE WITH BOTH ENDS FLANGED.	STANDARD
AV 1.5	1	BULK MAIN CLASS	C	ø80 AIR RELEASE AND VACUUM BREAK VALVE (VENT-O-MAT SERIES RBX OR SIMILAR APPROVED). WITH BOTH ENDS FLANGED TO SANS 1123.	STANDARD

CONSULTING ENGINEERS ISIPHETHU ENGINEERING 26 Dimitri Crescent Stone Park West Platinum Park Bendor Polokwane APPROVED BY: GUSTAV VLOK (PR. ENG. 20060206) DATE:	DESIGNED	GV			MOPANI DISTRICT MUNICIPALITY WATER & SANITATION REVITALISATION PROGRAMME GIYANI WATER SERVICES (RM08) AIR VALVE (1 VALVE) PIPE ITEM LIST - SHEET 1	No	REVISION		DATE	DRAWING No.
	DRAWN	NH				0	ISSUE FOR CONSTRUCTION		05/08/2021	DWS-LNW-ECS078- ISI-820
	CHECKED	GV								
										REV 0