

NOTES:

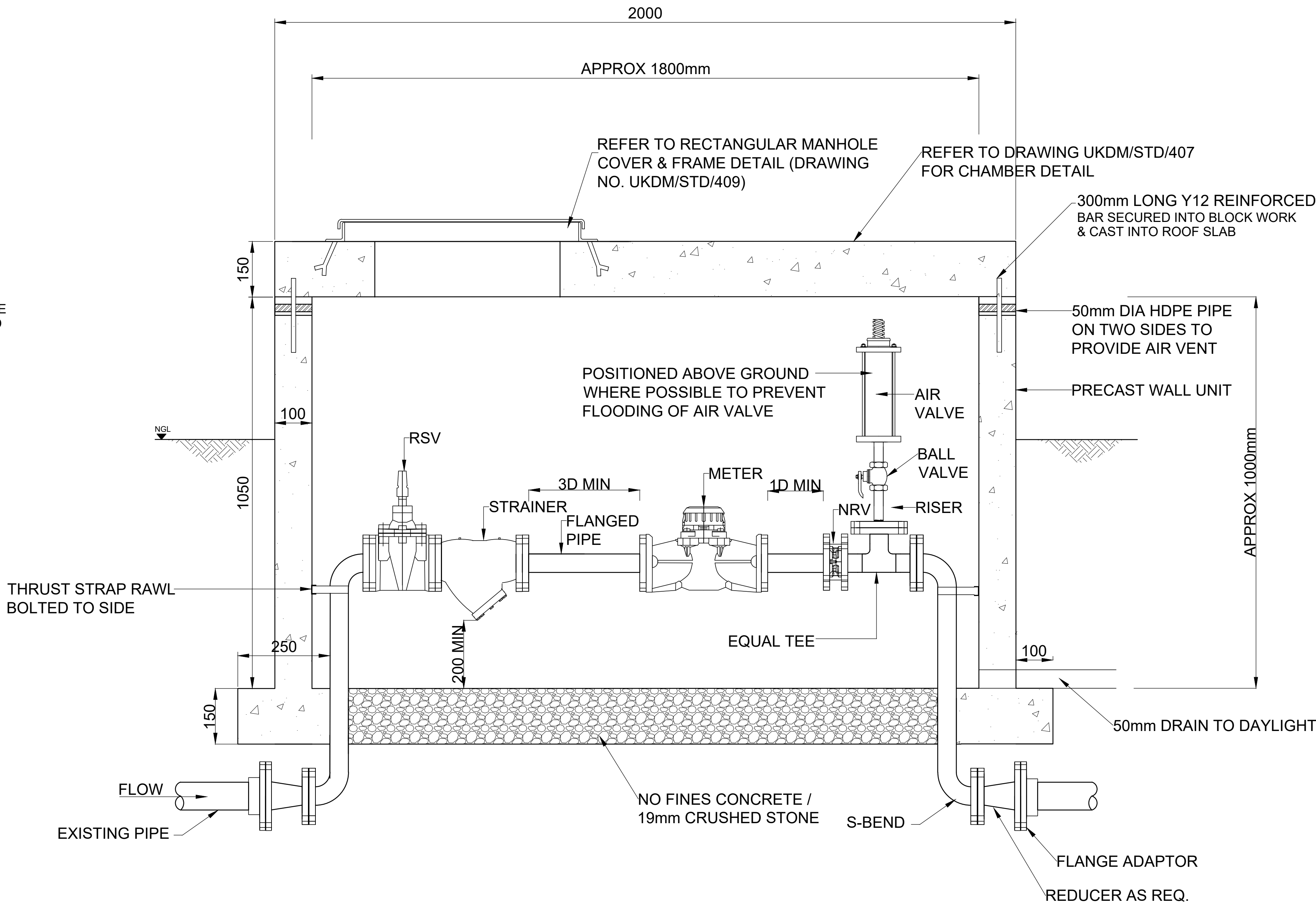
PIPE NOTES

1. ALL STEEL PIPES & FITTINGS 150 NB AND SMALLER TO BE MEDIUM DUTY TO SABS 62 UNLESS OTHERWISE SPECIFIED.
2. ALL WELDED FITTINGS & FLANGES TO BE DOCUMENTED AS PER SPECIFICATIONS & WELDERS MUST BE QUALIFIED TO WQR ALL. WELDS MUST BE 100% VISUALLY INSPECTED INSIDE & OUT AND 10% DYE PENETRANT INSPECTED BEFORE GALVANISING.
3. ALL WELDING SHALL CONFORM TO SABS 0167-1984 AND SANS 044 SPECIFICATIONS.
4. ALL FLANGES TO BE MANUFACTURED & DRILLED TO SANS 1123 AS PER SCHEDULE.
5. ALL THREADS TO BE BRITISH STANDARD PIPE (BSP) THREADS.
6. ALL STEEL PIPES & FITTINGS 150 NB AND SMALLER TO BE HOT GALVANISED TO SANS EN 10240 : 1997 WITH AN AVERAGE THICKNESS OF 70 MICRONS UNLESS OTHERWISE SPECIFIED OR BULK OF PIPEWORK IN CHAMBER OR SIMILAR IS EPOXY COATED AS PER ITEM 8.
7. ALL STEEL PIPES CAST IN, REGARDLESS OF DIAMETER, SHALL BE HOT DIP GALVANISED AND EPOXY COATED AND LINED.
8. ALL STEEL COMPONENTS, BOLTS, NUTS & WASHERS TO BE HOT DIP GALVANISED TO SANS 121:2000/ISO 1461 : 2000
9. ALL DIMENSIONS IN MILLIMETRES. ALL PIPEWORKS & FITTINGS TO BE MEASURED & CHECKED ON SITE PRIOR TO INSTALLATION
10. ALL BURIED FITTINGS AND PIPES TO BE WRAPPED IN "DENSO MASTIC BLANKET" TAPE. TO MANUFACTURERS SPECIFICATIONS
11. 2 STRIPS OF NEOPRENE 25 TO BE PLACED BETWEEN THE PIPEWORK AND SUPPORTS.
12. 50mm HDPE DRAINAGE PIPE TO DAYLIGHT TO BE PROVIDED WHERE TOPOGRAPHY PERMITS AND AS INSTRUCTED BY ENGINEER

LABELS

- ME - MACHINED ENDS
- FL - FLANGE
- PE - PLAIN ENDED
- PF - PUDDLE FLANGE
- TE - THREADED ENDS

NB - PIPEWORK ARRANGEMENT INDICTIVE ONLY, POSITION & SIZE OF FITTINGS TO BE CONFIRMED BY THE CONTRACTOR FOR EVERY INSTALLATION & APPROVED BY THE ENGINEER.



METER INSTALLATION DETAIL

SCALE: 1:10

ITEM NAME	SKETCH OF FITTING	DESCRIPTION	NO. OFF
RSV		DN100 RESILIENT SEAL VALVE	1
FLANGED PIPE		DN100 FLANGED PIPE LENGTH TO FIT	2
FLANGED ADAPTOR		DN100	2
FLANGED REDUCER		110mm x 100mm	2
METER		DN100 H4000 WATER METER OR SIMILAR APPROVED	1
NRV		DN100 TILTING DISK NON RETURN VALVE 'AMRI' (OR SIMILAR APPROVED)	1
EQUAL TEE		110mm x 100mm FLANGED EQUAL TEE	1
RISER		DN100 RBXb AIR VALVE ASSEMBLY	1
STRAINER		DN100 FLANGED STRAINER	1
S-BEND		FLANGED S-BEND (ALTERNATIVE OPTION TO USE ELBOWS & STRAIGHT PIPE) LENGTH TO FIT	2

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DRAWING No.	REFERENCE DRAWINGS :

0	NOV 2025	ISSUED FOR TENDER	B.S.
NO.	DATE	REVISION	DRAWN

FOR TENDER

CUSTOMER

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PROJECT

KWAJOBE COMMUNITY WATER SUPPLY SCHEME: PHASE 1

DRAWING TITLE

TYPICAL METER DETAIL

	SIGNATURE FOR FLUX/SDM	DATE	PR.No.	SHEET SIZE
DESIGNED	B.S	SEP 2025		A1
DRAWN	B.S	SEP 2025		SCALE
CHECKED	N.N	SEP 2025		AS SHOWN
APPROVED	N.N	SEP 2025		DWG STATUS
CO-ORDINATOR				P = PRELIMINARY C = CONSTRUCTION

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UKDM/STD/419		0
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