



NOTES

GENERAL

1. All construction and erection done on site should conform to the laid standards of construction
2. The Engineer and/or client reserves the right to instruct the contractor to correct defective work(s)
3. This drawing is to be read in conjunction with all reference drawings

WATER & FIRE RETICULATIONS

1. PIPES TO BE uPVC CLASS 12 TO SABS 966 PRESSURE PIPES WITH APPROVED SPIGOT AND SOCKET JOINTS TO DIAMETERS SHOWN.
2. ALL BEDDING TO PIPES TO BE TOTAL GRANULAR SURROUND FOR FLEXIBLE PIPES TO SABS 1200 SERIES.
3. MINIMUM COVER TO PIPES TO BE:
i) IN SERVITUDE 900mm MINIMUM.
ii) IN ROAD RESERVES OR UNDER ROADS 1250mm MINIMUM.
4. BENDS TO BE uPVC PRESSURE BENDS UNLESS NOTED.
5. ALL FITTINGS TO BE C.I. ADAPTABLE FOR uPVC PIPES.
6. VALVES TO BE C.I. – WATERWORKS CLASS 16 TO SABS 664 AND SOCKET ENDED FOR uPVC PIPES UP TO 200mm DIA. FLANGED FOR 200mm DIA AND OVER. – CLOSING TO BE CLOCKWISE.
7. AT ALL BENDS GREATER THAN 11.25° THRUST BLOCKS ARE TO BE PROVIDED INCLUDING AT VALVES, TEES STOP ENDS ETC DIMENSIONED ON STANDARD DRAWINGS.
8. ALL VALVES AND HYDRANTS LOCATED IN ROAD TO BE 1m FROM FRONT OF KERB WITH RELEVANT MARKER POST

REFERENCE DRAWINGS

No.	Org No.	Title
	S.G/A1040/C/P/D001	POTABLE WATER RETICULATION

KEY

MAINS

- POTABLE WATER MAIN
- FH — FIRE HYDRANT
- END CAP / STOP END WITH THRUST BLOCK
- SV — REDUCER / STOP VALVE

DATE	DRWN	REV BY	CHKD	APPD	ISSUE
APR 2024	SM	SM	VM	SM	A2



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DO NOT SCALE THIS DRAWING – IF IN DOUBT ASK

PROJECT TITLE

DESIGN OF CIVIL INFRASTRUCTURE
FOR STRATHMORE HOUSING
DEVELOPMENT

DRAWING TITLE

POTABLE WATER RETICULATION
SHEET 1 OF 6



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MASTER SIZE	REV
1:1000	A0
CLIENT DRAWING No. S.G/A1040/C/P/D002	A2