

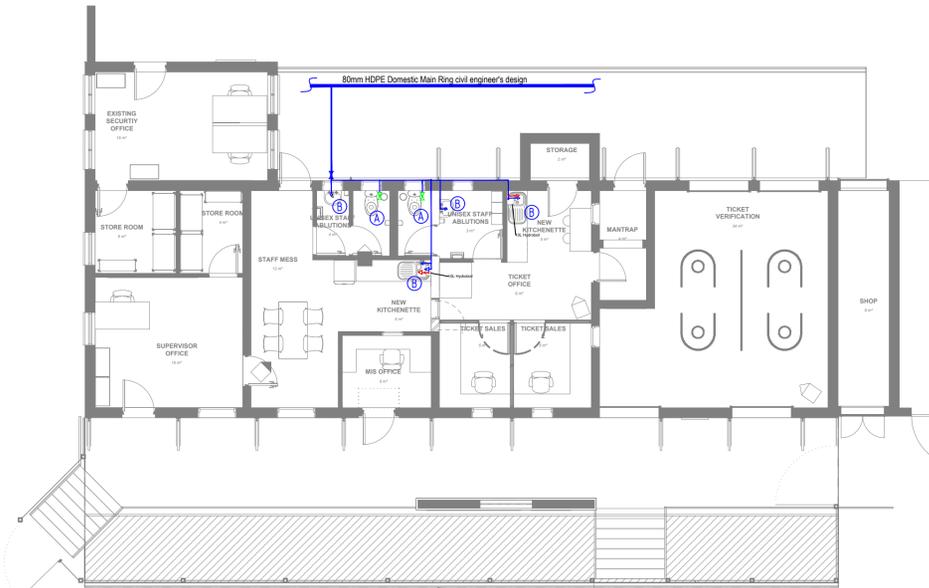
GENERAL NOTES:

- Piping larger than 22mm may not be chased into walls. Horizontal chased piping installations must be avoided.
- The domestic water must be reticulated on the site with a 100mm plastic ring main so place to ensure the shortest possible run without compromising supply runs to blocks.
- Area isolation is not required however any connection point to a block must be valved.
- Electric geysers must conform to the "Standard Design" and solar geysers to the "Solar Design" criteria as defined in SANS 151.
- Hot water geysers must be placed in the ceiling space above wet areas. Under no circumstances will geysers be allowed in teaching area ceiling spaces.
- Underground piping should be color coded by either using an arctic blue pipe or applying a 10mm arctic blue line to the top of the pipe.
- All supplies to fittings should terminate in valved ends.
- No hot water supply may exceed 55°C however the supplies to the Grade R ablutions and sick rooms may not exceed 40°C.
- On electric units the thermostats must be set to 55°C and on solar units to 40°C.
- Solar absorption units must be flat panel units mounted flat on the roof pitch as close as possible to the geyser. These should face due north with an allowed deflection of 45° to east or west.
- Panel placements must be of such to mitigate risks related to theft, vandalism and injury.
- 15mm Tamper proof garden tap
- Cold water to comply with DID standard specification

LEGEND

	HOT DOMESTIC WATER
	COLD DOMESTIC WATER
	VALVED OUTLET
	RISER
	DROPPER

(A)	Ø15 HOT & COLD TO WHB
(B)	Ø15 HOT & COLD TO SINK OR SHOWER
(F)	Ø15 HOT & COLD TO BATH



Equipment Schedule

AREA	ROOM	REFERENCE	UNIT TYPE	QTY	COMMENTS
1			10 Litre Hydroboil	2	2,4KW/220V

AMENDMENTS				
NR	DATE	APPROVED	DESCRIPTION	PAR
-	15-03-2023	-	ISSUED FOR INFORMATION	A

CLIENT DETAIL

CONSULTANT DETAIL

CONSULTANT DRAWING NUMBER: PRW10/PRASA/M2/103/A

PROJECT STATUS

CONCEPT DRAWING
 TENDER DRAWING
 APPROVED CONSTRUCTION DRAWING
 AS BUILT DRAWING

PROJECT ENGINEER OF PRASA:
 NAME: M. NDEBELE SIGNATURE _____
 Prof Reg No: 20170193 DATE _____

INSPECTOR OF WORKS:
 NAME _____ SIGNATURE _____
 DATE _____

DESIGNED

NAME: MUNYA MIHLOLO Prof Reg No: 2019300446
 SIGNATURE _____ DATE: 2022/09/08

DRAWN

NAME: E. MHAKO Prof Reg No: 2022/09/08
 SIGNATURE _____ DATE: 2022/09/08

CHECKED

NAME: MUNYA MIHLOLO Prof Reg No: 2019300446
 SIGNATURE _____ DATE: 2022/09/08

AUTHORISED

NAME: S. JERE Prof Reg No: _____
 SIGNATURE _____ DATE: _____

CONTRACT No.
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PROJECT No.
KB077

SHEET No.
0

PAPER SIZE
A1

SCALE
AS SHOWN

DATE:
SEP 2022

LOCATION OF PROJECT
PAROW STATION

DESCRIPTION OF PROJECT:
STATIONS UPGRADING & IMPROVEMENT PROJECT

DRAWING NAME:
ZONE C STATION BUILDING GROUND FLOOR HOT AND COLD WATER LAYOUT

WBS No:
PRASA DRAWING NUMBER: PRW10/PRASA/M2/103/A