

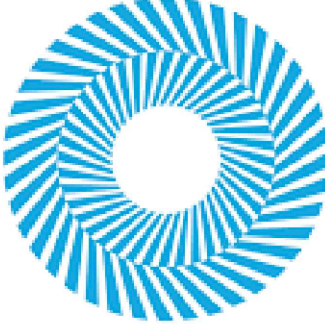
AREA	ROOM	REFERENCE	UNIT TYPE	QTY	COMMENTS
1			10 Litre Hydroboil	2	2,4KW/220V

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 arlic blue pipe or applying a 10mm arlic 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

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

CLIENT DETAIL



**prasa**  
PASSENGER RAIL AGENCY  
OF SOUTH AFRICA

CONSULTANT DETAIL







**KITSO BOTLHALE**  
CONSULTING ENGINEERS

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



PROJECT STATUS



PROJECT ENGINEER OF PRASA:  
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DATE \_\_\_\_\_

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DATE 2022/09/08

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DATE \_\_\_\_\_

CONTRACT No. \_\_\_\_\_

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