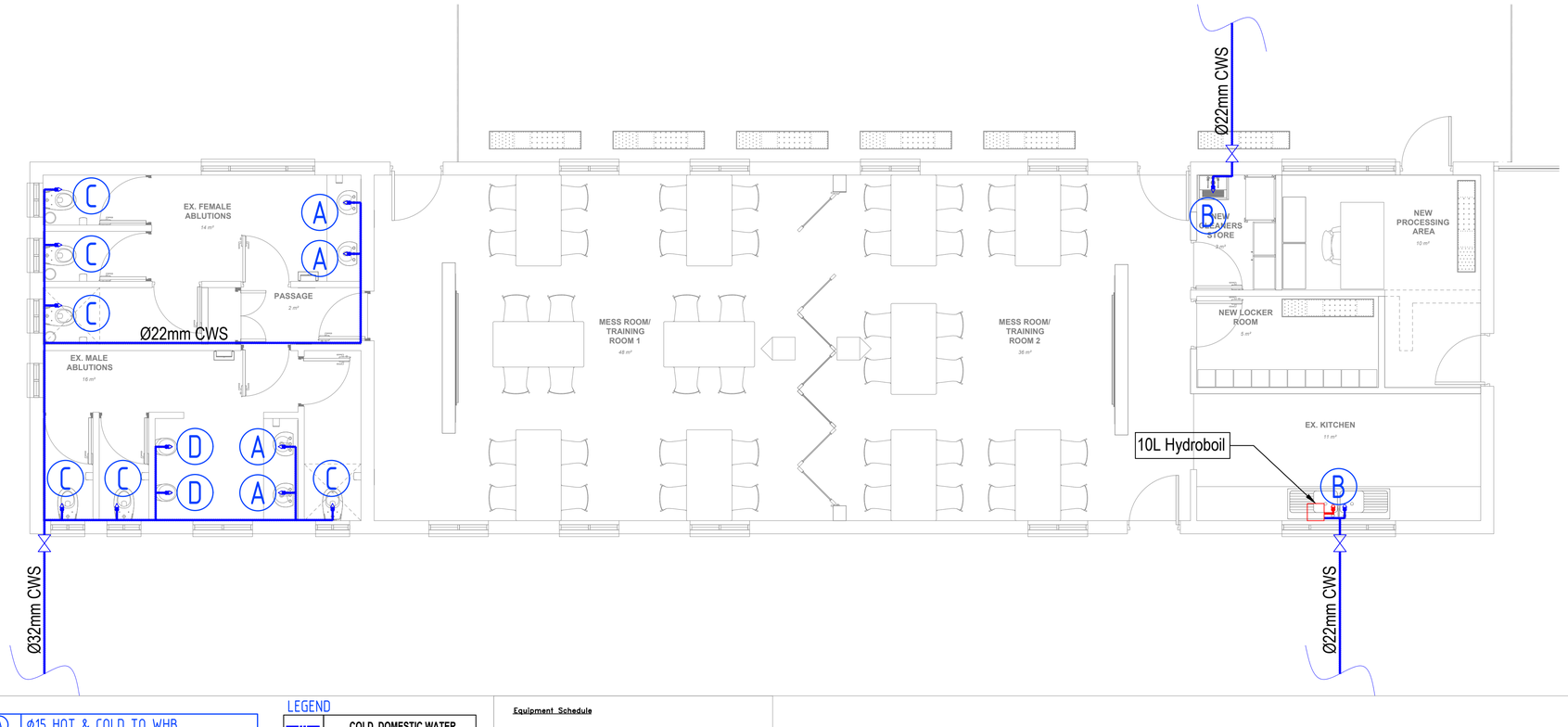

LEGEND

A	ø15 HOT & COLD TO WHB	COLD DOMESTIC WATER
B	ø15 HOT & COLD TO SINK OR SHOWER	VALVED OUTLET
C	ø15 COLD TO TOILET	HOT DOMESTIC WATER
D	ø15 COLD TO URINAL	DROPPER

Equipment Schedule

AREA	ROOM	REFERENCE	UNIT TYPE	QTY	COMMENTS
1			10 Litre Hydroboil	1	2.4KW/220V

chased into walls. Horizontal chased piping installations must be avoided
2. The domestic water must be reticulate on the site with a 100mm plastic ring main so place to ensure the shortest possible run without compromising supply runs to blocks
3. Area isolation is not required however any connection point to a block must be valved
4. Electric geysers must conform to the "Standard Design" and solar geysers to the "Solar Design" criteria as defined in SANS 151.
5. Hot water geysers must be placed in th ceiling space above wet areas. Under no circumstances will geysers be allowed in teaching area ceiling spaces.
6. Underground piping should be color coded by either using an artic blue pip or applying a 10mm artic blue line to the top of the pipe
7. All supplies to fittings should terminate i valved ends
8. No hot water supply may exceed 55°C however the supplies to the Grade R ablutions and sick rooms may not exceed 40°C
9. On electric units the thermostats must be set to 55°C and on solar units to 40°C
10. Solar absorption units must be flat pane 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
11. Panel placements must be of such to mitigate risks related to theft, vandalism and injury
12. 15mm Tamper proof garden tap
13. Cold water to comply with DID standar 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/M2/202/A

REVISION: 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
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. .....
PROJECT No. KB077
SHEET No. 0
PAPER SIZE A1
SCALE 1:50
DATE: SEP 2022

LOCATION OF PROJECT
PAROW STATION
DESCRIPTION OF PROJECT:
STATIONS UPGRADING & IMPROVEMENT PROJECT
DRAWING NAME:
ZONE D MESS ROOM GROUND FLOOR HOT AND COLD WATER LAYOU
WBS No:
PRASA DRAWING NUMBER:
PRW10/PRASA/M2/102/A