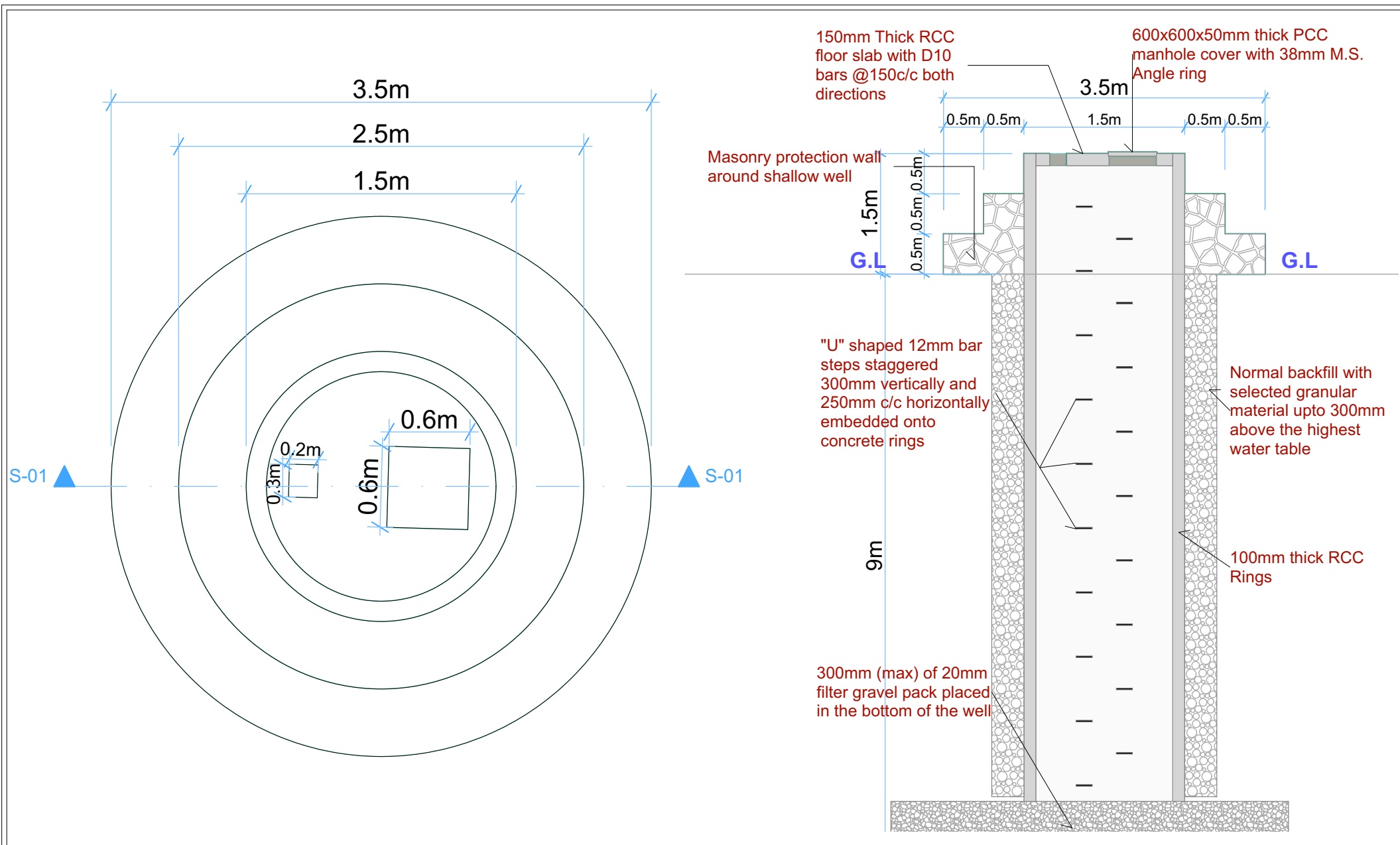


Climate Resilient Water, Sanitation and Hygiene (CRWASH)



DESIGN PLANS



DESIGNED:
Abdullahi Abdulkadir Sh
CHECKED:

Date: 26-Feb-2026

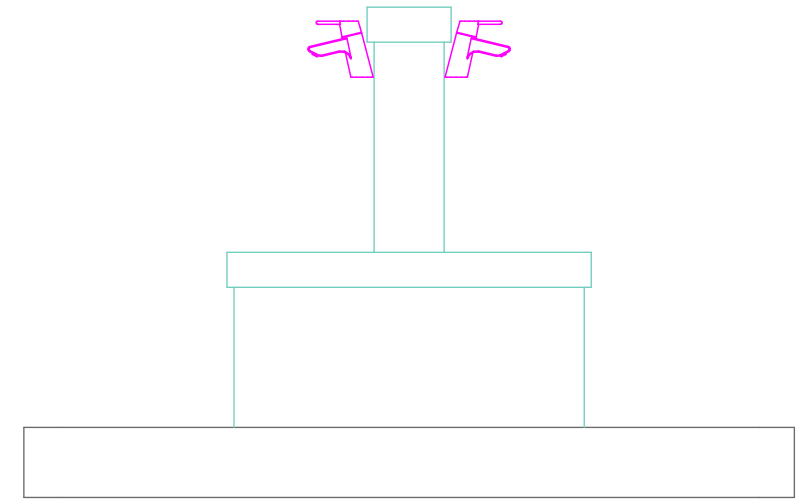
DRAWING NAME:
SHALLOW WELL DESIGN AND SECTION

LOCATION:
Cakaaro, Luuq, Jubbaland

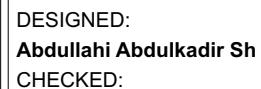
NOTE:
Concrete Grade C25, Blinding concrete C15 (50mm thick)
Concrete Cover: Slab 25mm, Beam 30mm, Column 40mm, foundation/footing 50mm and water retaining structure 50mm
SLABS: BEAMS COLUMNS FLOOR SCREED/PLASTERING
Min thickness 150mm Min beam width 200mm Min column size 200x200mm Cement-sand screed thick: 40-50mm
min curing period 7 days Stirrups spacing min 4 longitudinal bars Internal plaster: 15mm thick
150mm c/c near support stirrups spacing 150-200mm c/c External plaster: 20mm thick
20mm c/c at mid-span

Drawing Scale:
1:100





Front Elevation



DRAWING NAME:
WATER POINT DESIGN, SECTION AND VIEWS

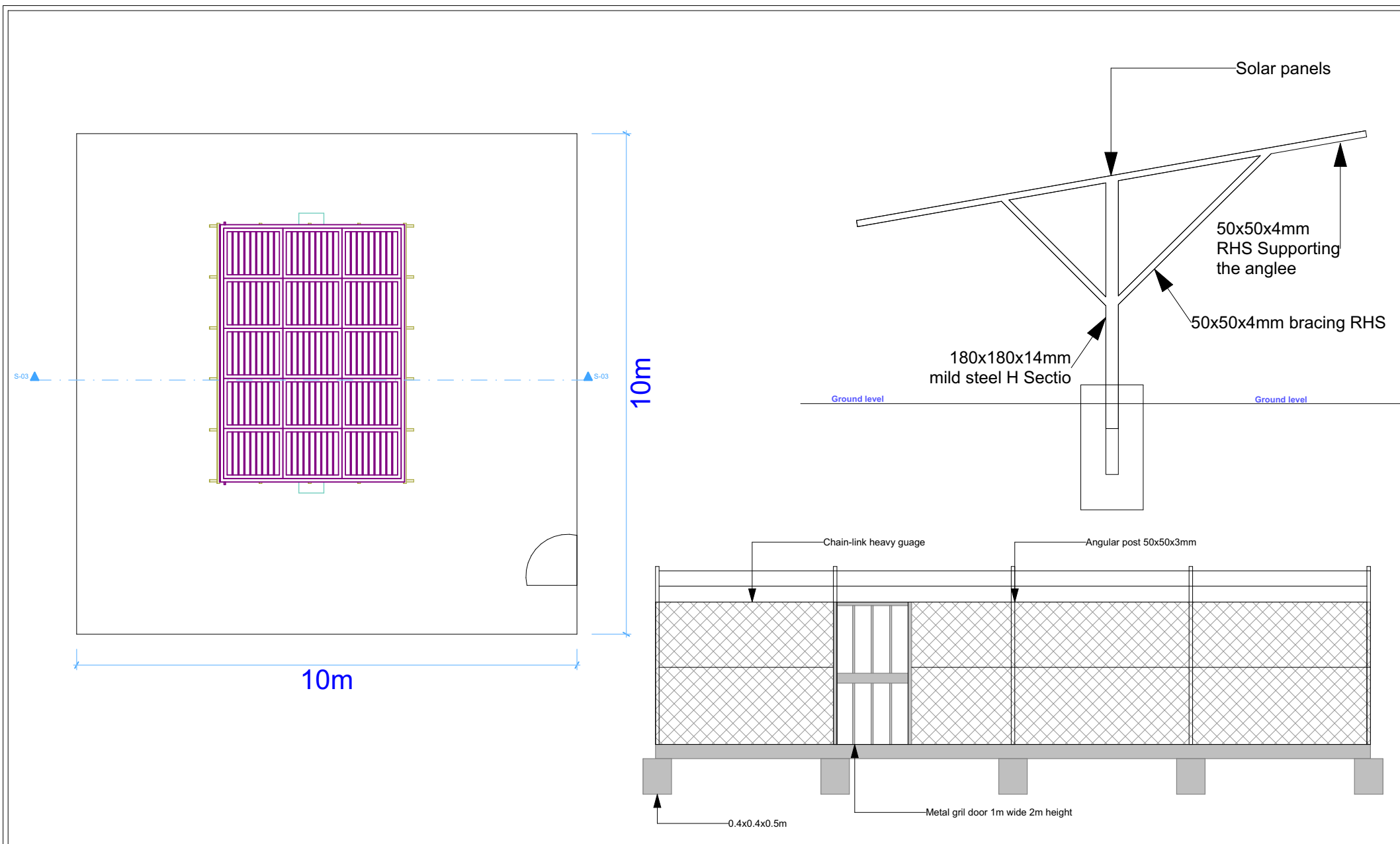
LOCATION: **Cakaaro, Luuq, Jubbaland**

NOTE:

Concrete Grade C25, Blinding concrete C15 (50mm thick)			
Concrete Cover: Slab 25mm, Beam 30mm, Column 40mm, foundation/footing 50mm and water retaining structure 50mm			
SLABS:	BEAMS	COLUMNS	FLOOR SCREED/PLASTERING
Min thickness 150mm	Min beam width 200mm	Min column size 200x200mm	Cement-sand screed thick: 40-50mm
min curing period 7 days	Stirrups spacing 150mm c/c near support 20mm c/c at mid-span	min 4 logitudinal bars stirrups spacing 150-200mm c/c	Internal plaster: 15mm thick External plaster: 20mm thick

Drawing Scale:
1:100





DESIGNED:
Abdullahi Abdulkadir Sh
CHECKED:

Date: 26-Feb-2026

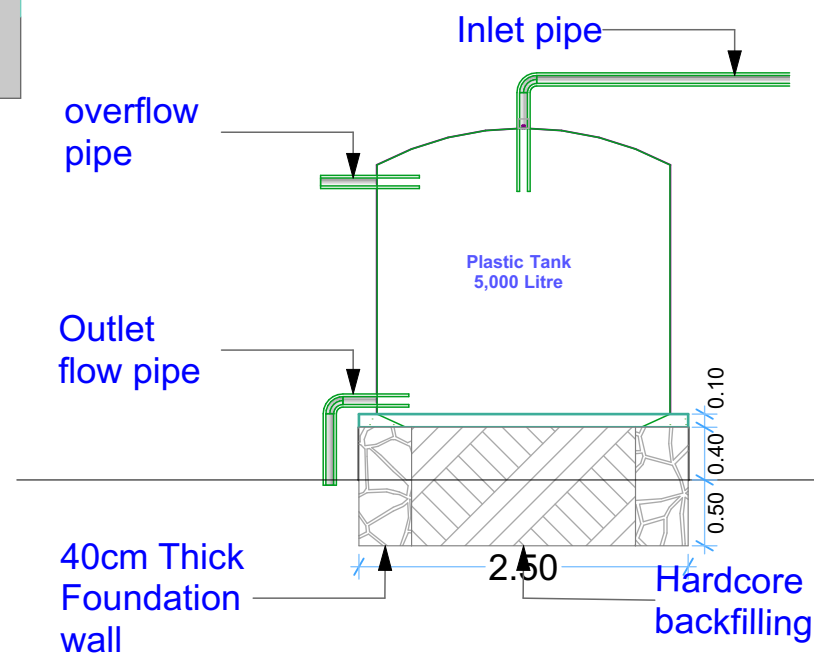
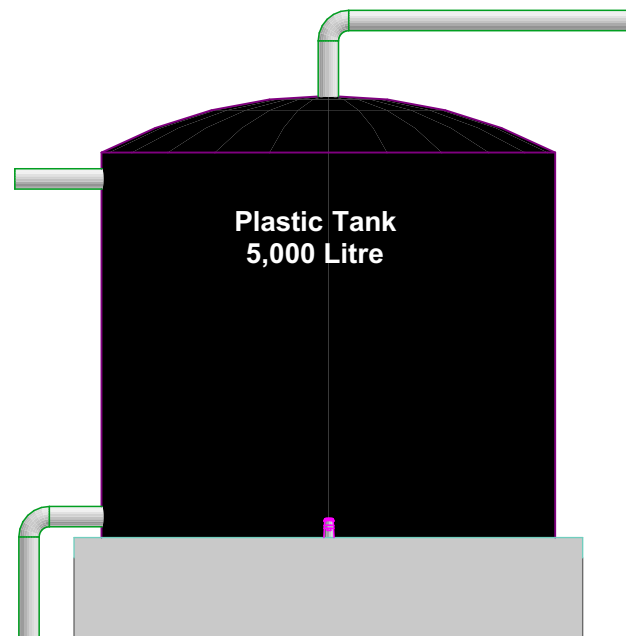
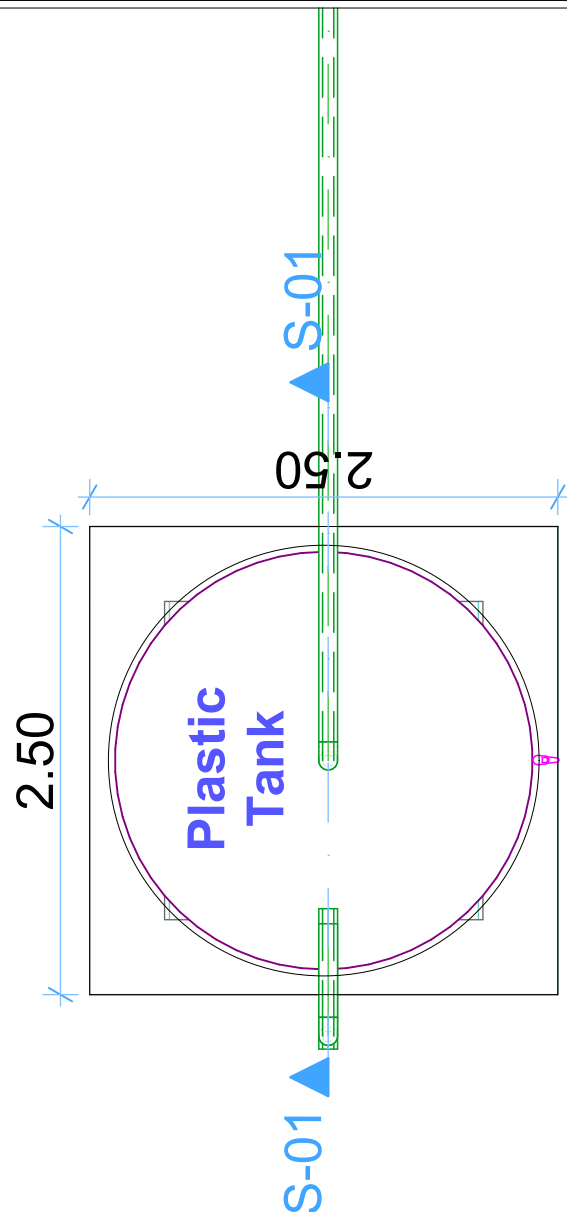
DRAWING NAME:
SOLAR AND FENCING

LOCATION:
Cakaaro, Luuq, Jubbaland

NOTE:
Concrete Grade C25, Blinding concrete C15 (50mm thick)
Concrete Cover: Slab 25mm, Beam 30mm, Column 40mm, foundation/footing 50mm and **water retaining structure** 50mm
SLABs: BEAMS COLUMNS FLOOR SCREED/PLASTERING
Min thickness 150mm Min beam width 200mm Min column size 200x200mm Cement-sand screed thick: 40-50mm
min curing period 7 days Stirrups spacing min 4 logitudinal bars Internal plaster: 15mm thick
150mm c/c near support stirrups spacing 150-200mm c/c External plaster: 20mm thick
20mm c/c at mid-span

Drawing Scale:
1:100





DESIGNED:
Abdullahi Abdulkadir Sh
CHECKED:

Date: 01-Mar-2026

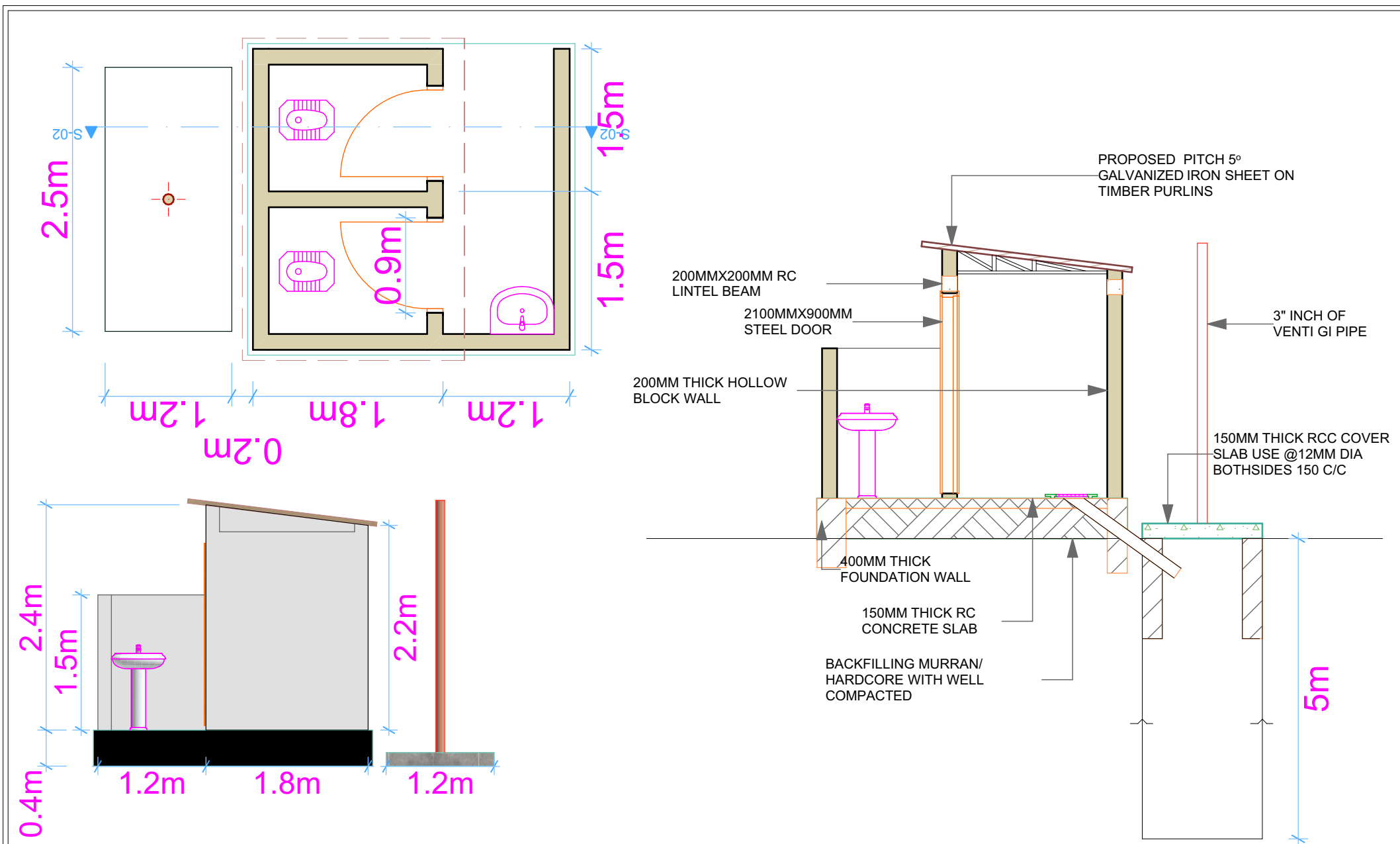
DRAWING NAME:
Plastic Tank with Platform

LOCATION:
Dollow, Jubbaland

NOTE:
Concrete Grade C25, Blinding concrete C15 (50mm thick)
Concrete Cover: Slab 25mm, Beam 30mm, Column 40mm, foundation/footing 50mm and water retaining structure 50mm
SLABS: BEAMS COLUMNS FLOOR SCREED/PLASTERING
Min thickness 150mm Min beam width 200mm Min column size 200x200mm Cement-sand screed thick: 40-50mm
min curing period 7 days Stirrups spacing min 4 logitudinal bars Internal plaster: 15mm thick
150mm c/c near support stirrups spacing 150-200mm c/c External plaster: 20mm thick
20mm c/c at mid-span

Drawing Scale:
1:100





DESIGNED:
Abdullahi Abdulkadir Sh
CHECKED:

Date: 01-Mar-2026

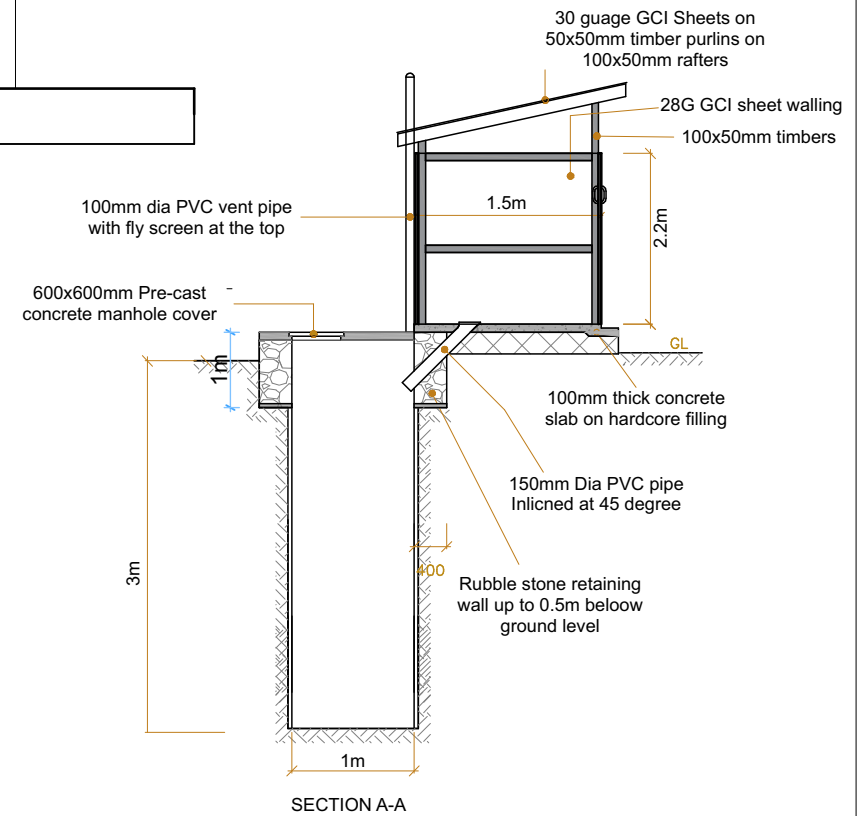
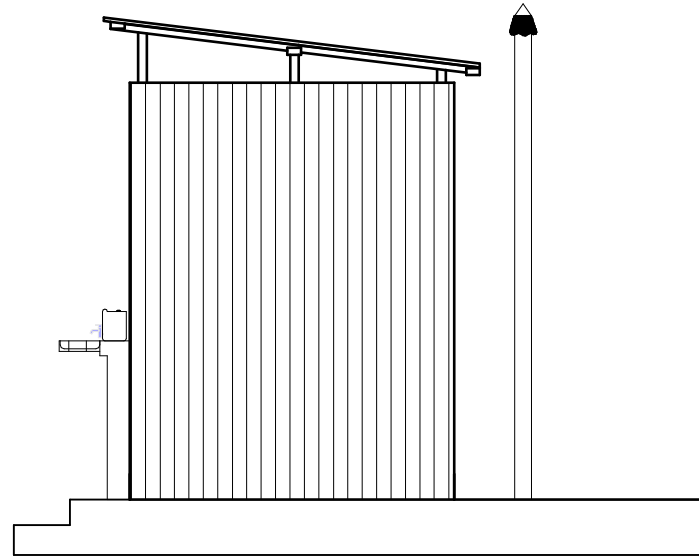
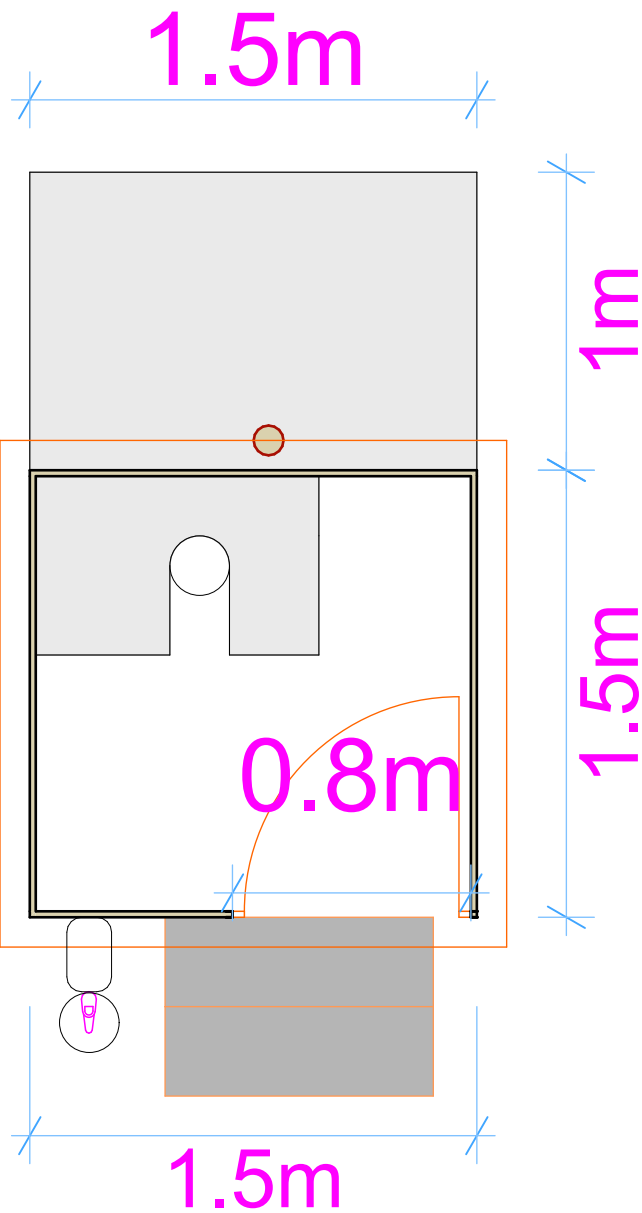
DRAWING NAME:
Double Block Latrines

LOCATION:
Cakaaro, Luuq, Jubbaland

NOTE:
Concrete Grade C25, Blinding concrete C15 (50mm thick)
Concrete Cover: Slab 25mm, Beam 30mm, Column 40mm, foundation/footing 50mm and water retaining structure 50mm
SLABS: BEAMS COLUMNS FLOOR SCREED/PLASTERING
Min thickness 150mm Min beam width 200mm Min column size 200x200mm Cement-sand screed thick: 40-50mm
min curing period 7 days Stirrups spacing min 4 logitudinal bars Internal plaster: 15mm thick
150mm c/c near support stirrups spacing 150-200mm c/c External plaster: 20mm thick
20mm c/c at mid-span

Drawing Scale:
1:100





DESIGNED:
Abdullahi Abdulkadir Sh
CHECKED:

Date: 01-Mar2026

DRAWING NAME:
Temporary single latrine

LOCATION:
Cakaaro, Luuq, Jubbaland

NOTE:
Concrete Grade C25, Blinding concrete C15 (50mm thick)
Concrete Cover: Slab 25mm, Beam 30mm, Column 40mm, foundation/footing 50mm and water retaining structure 50mm
SLABs: BEAMS COLUMNS FLOOR SCREED/PLASTERING
Min thickness 150mm Min beam width 200mm Min column size 200x200mm Cement-sand screed thick: 40-50mm
min curing period 7 days Stirrups spacing min 4 logitudinal bars Internal plaster: 15mm thick
150mm c/c near support stirrups spacing 150-200mm c/c External plaster: 20mm thick
20mm c/c at mid-span

Drawing Scale:
1:100

