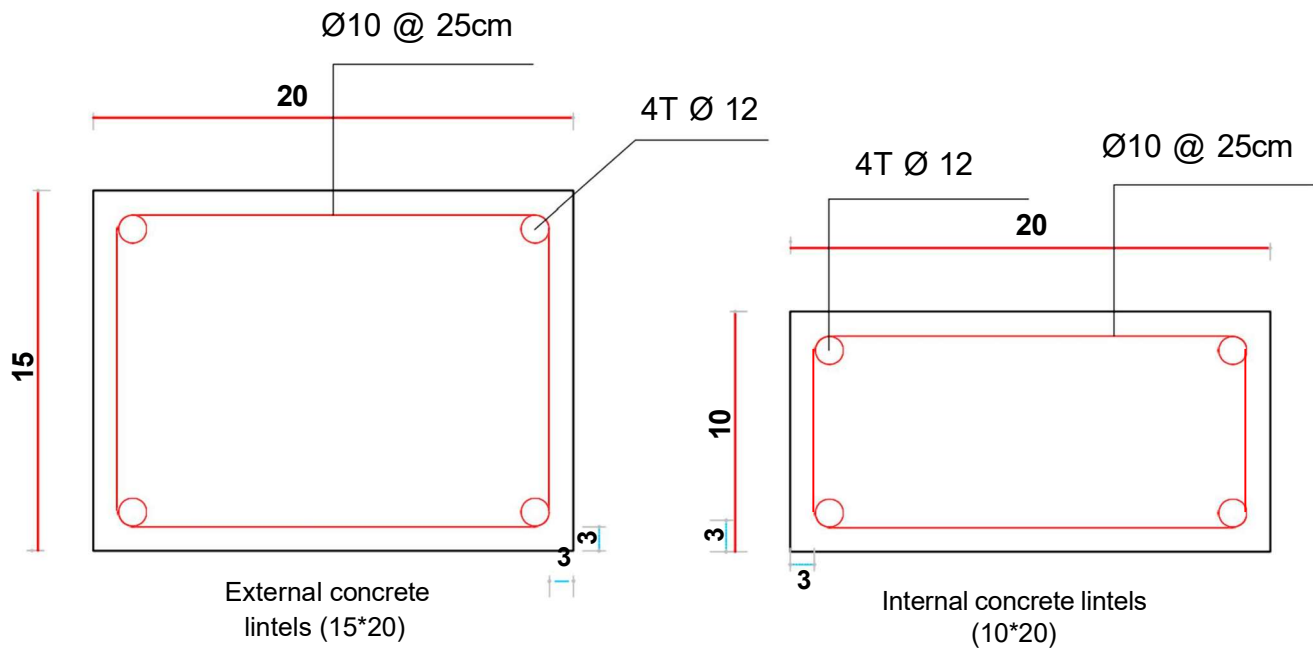


Master of Detailed Drawings

Critical Shelter Upgrade

Text

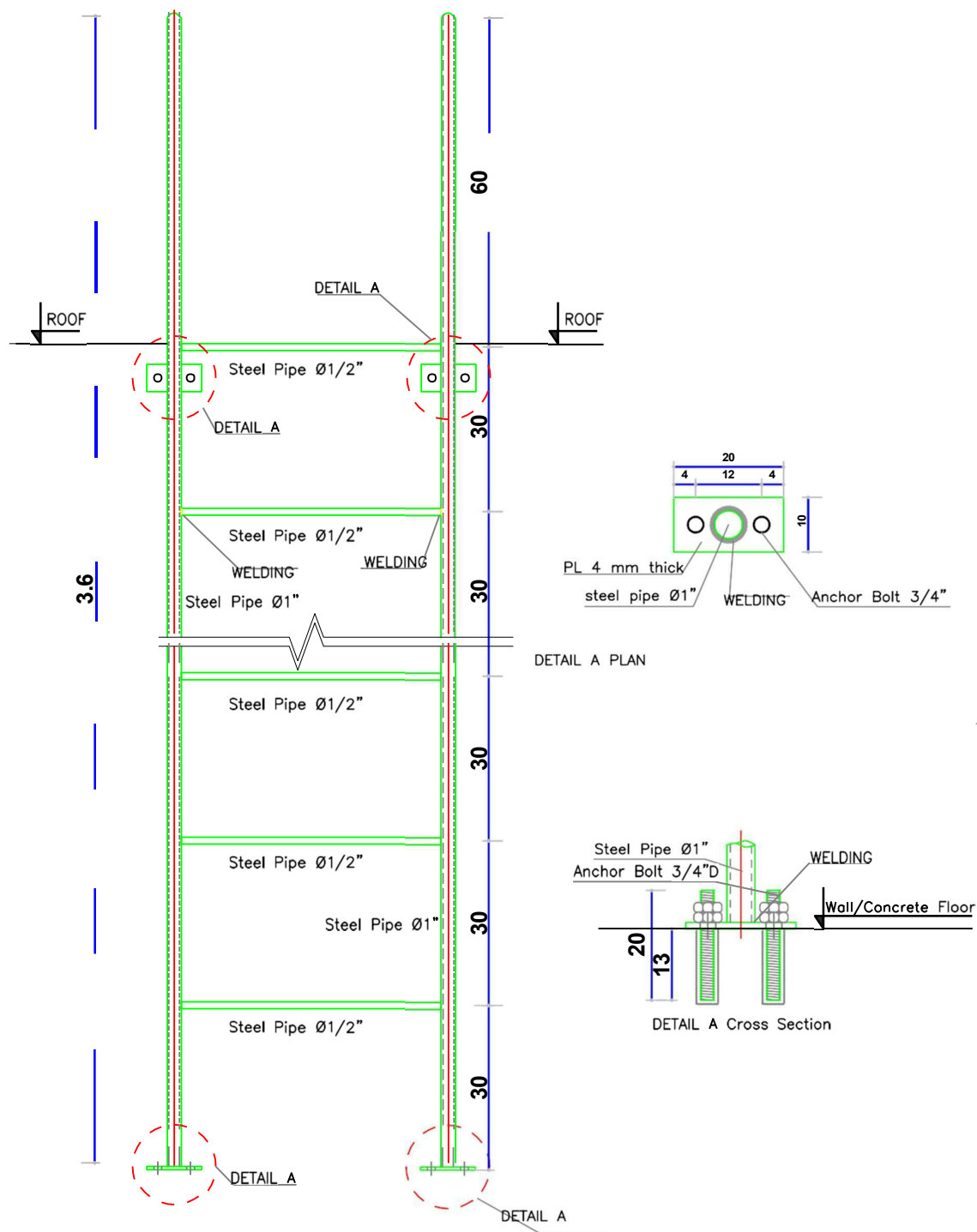


Fixing anchor bolt
wielded with tube, down
and the bottom of the stirrups
frame each 3 steps

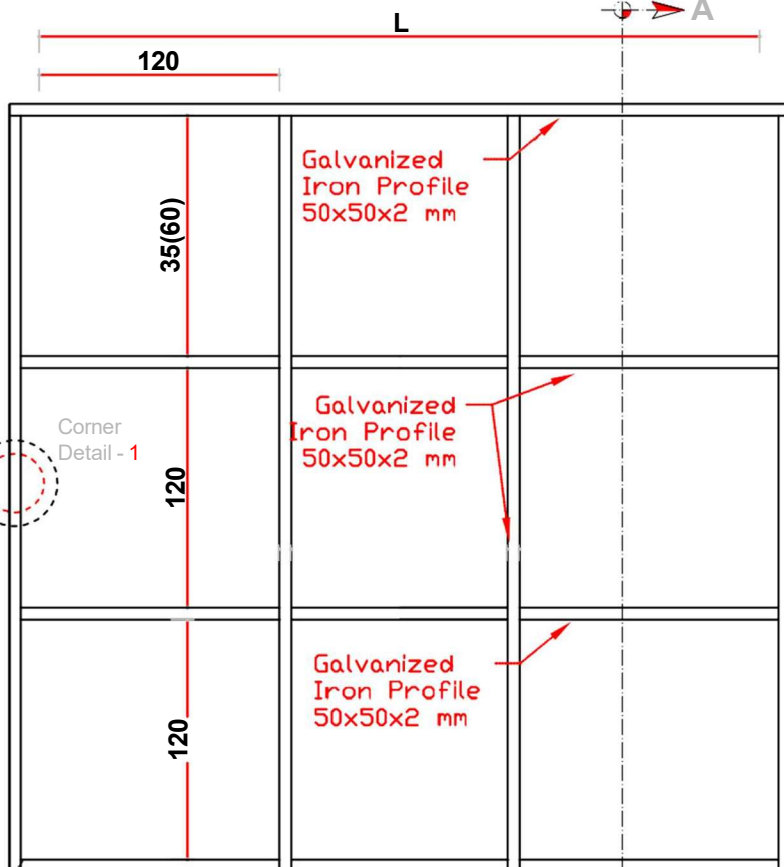
Steel profile 25*50mm up & down
Steel Profile 20*20mm each 150mm

Fixing anchor bolt
each 3 steps

- Detail - 1



LADDER ELEVATION



A-A

Galvanized Iron Profile 50x50x2 mm

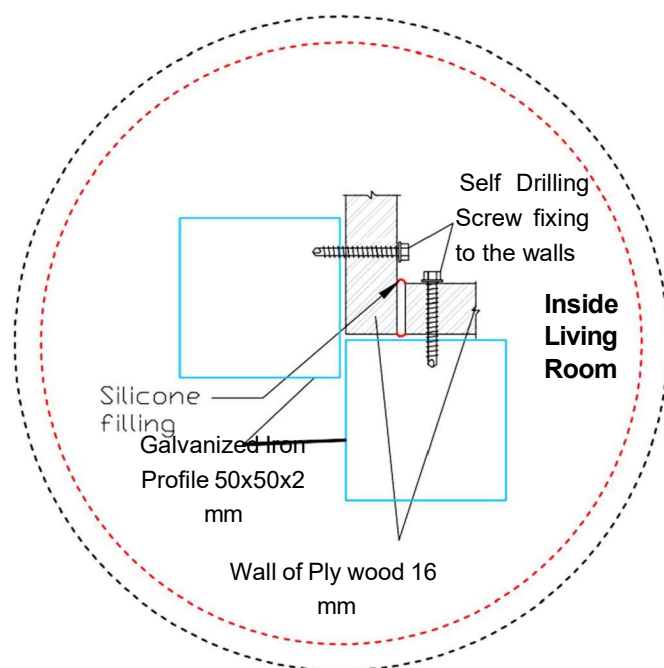
Outside Living Room

Ply wood 16 mm

Inside Living Room

- Detail - 2

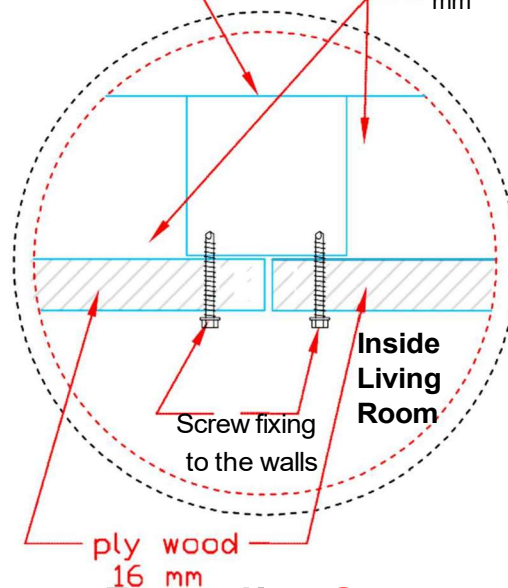
Section A-A



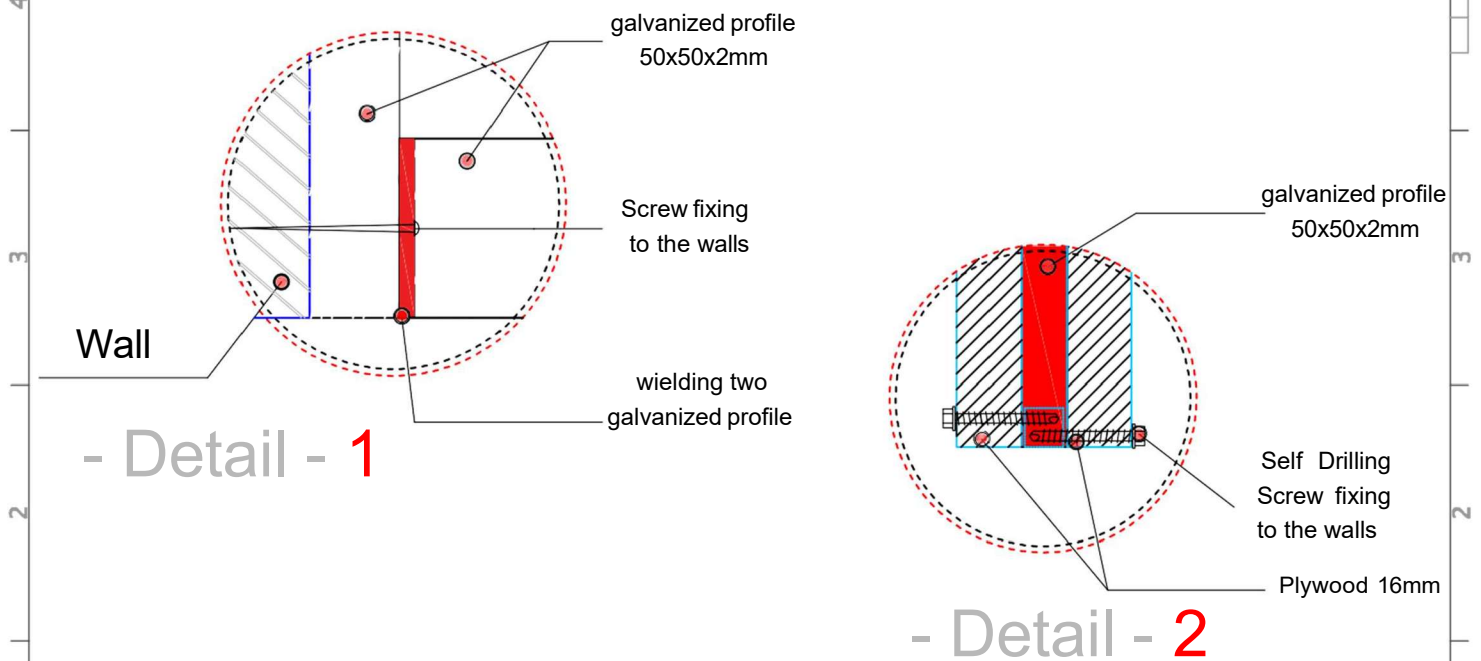
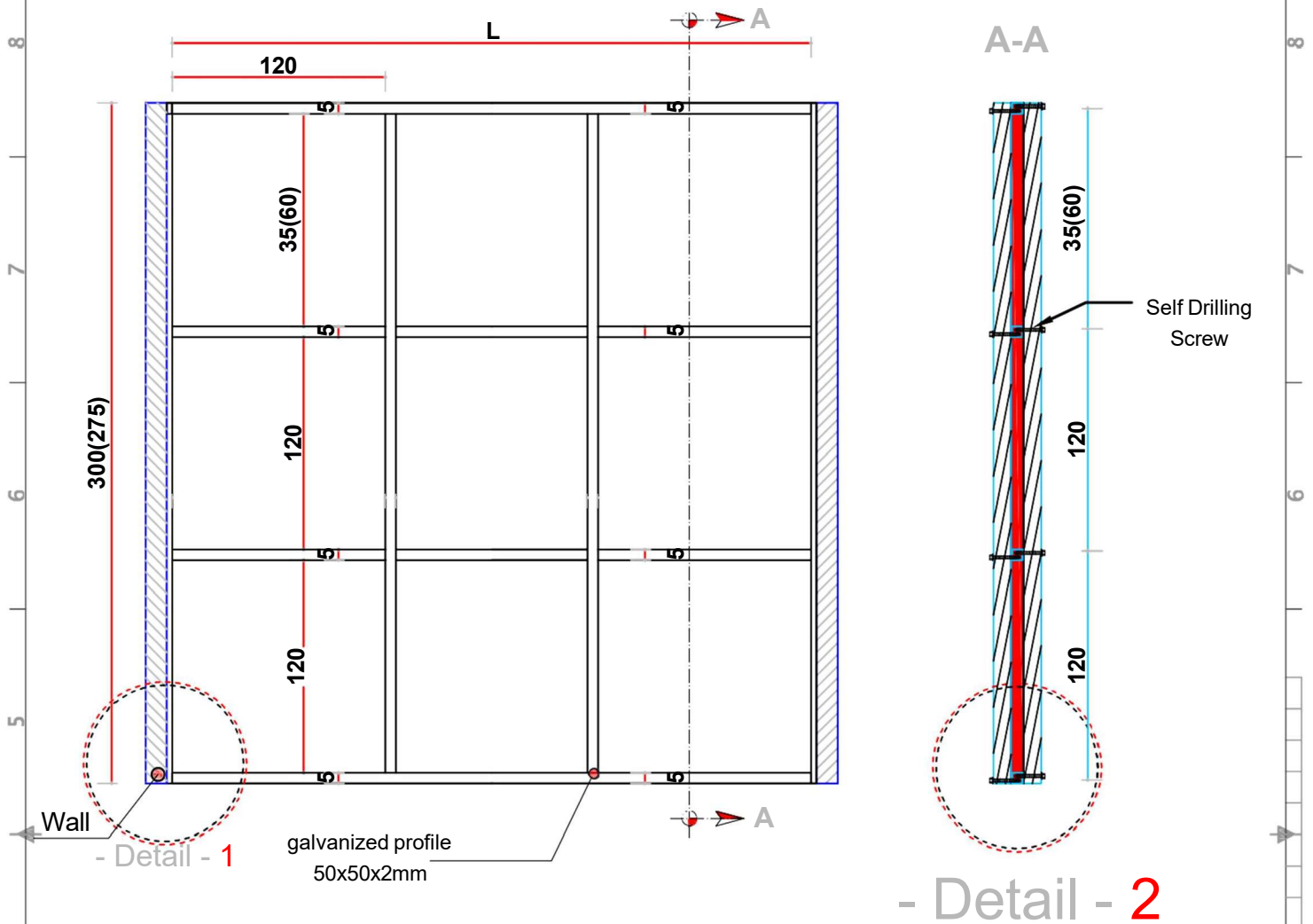
- Corner Detail - 1

Vertical Galvanized Iron profile 50x50x2 mm

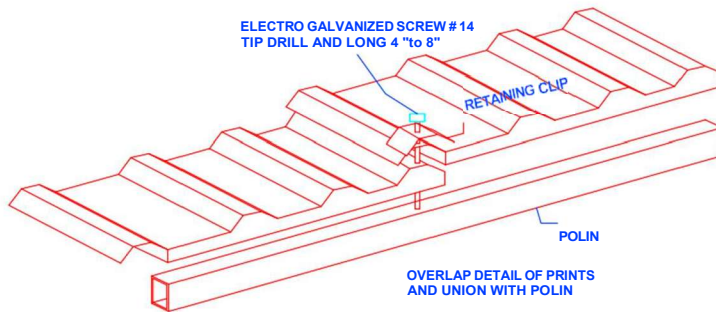
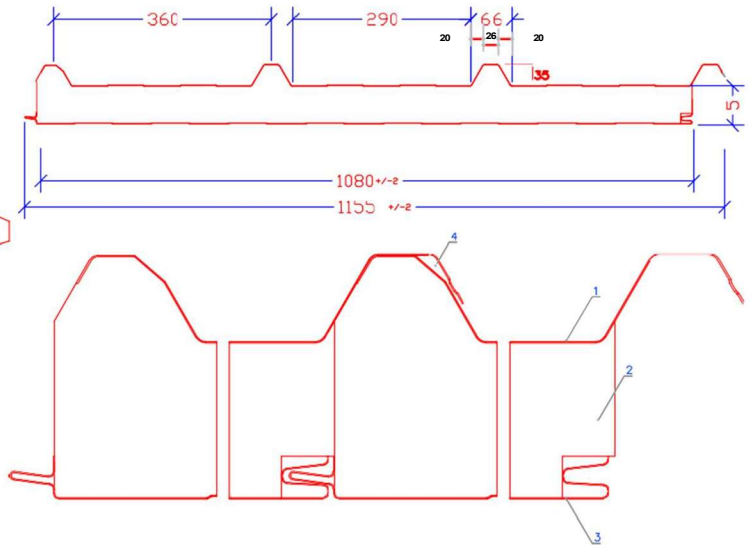
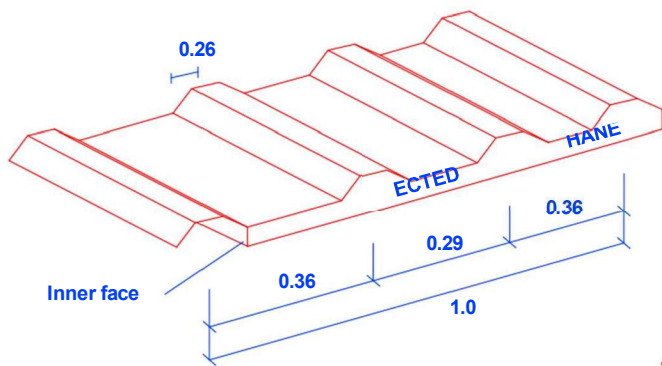
Horizontal Galvanized Iron profile 50x50x2 mm



- Detail - 2

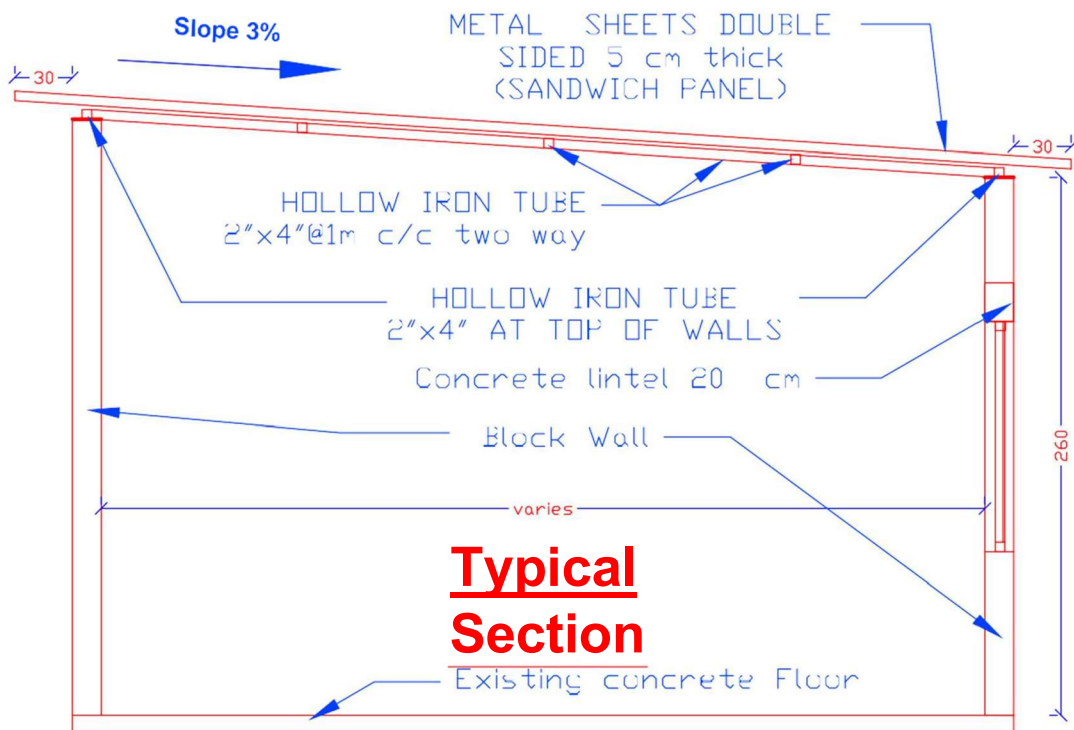


INSULATED PROFILE SHEET METAL (Sandwich Panel)



Sandwich Panel expanded polystyrene core

1. Steel lining, external, standard gauge 0.50 – 0.60 mm
2. EPS expanded polystyrene core
3. Steel lining, internal, standard gauge 0.40 – 0.50 mm
4. Capillary chamber
5. Internal side profile types as in IzoWall panels, one profile type available on the external side



12*12 cm Iron plate 2 cm thick
Fixed to ground by Four bolts

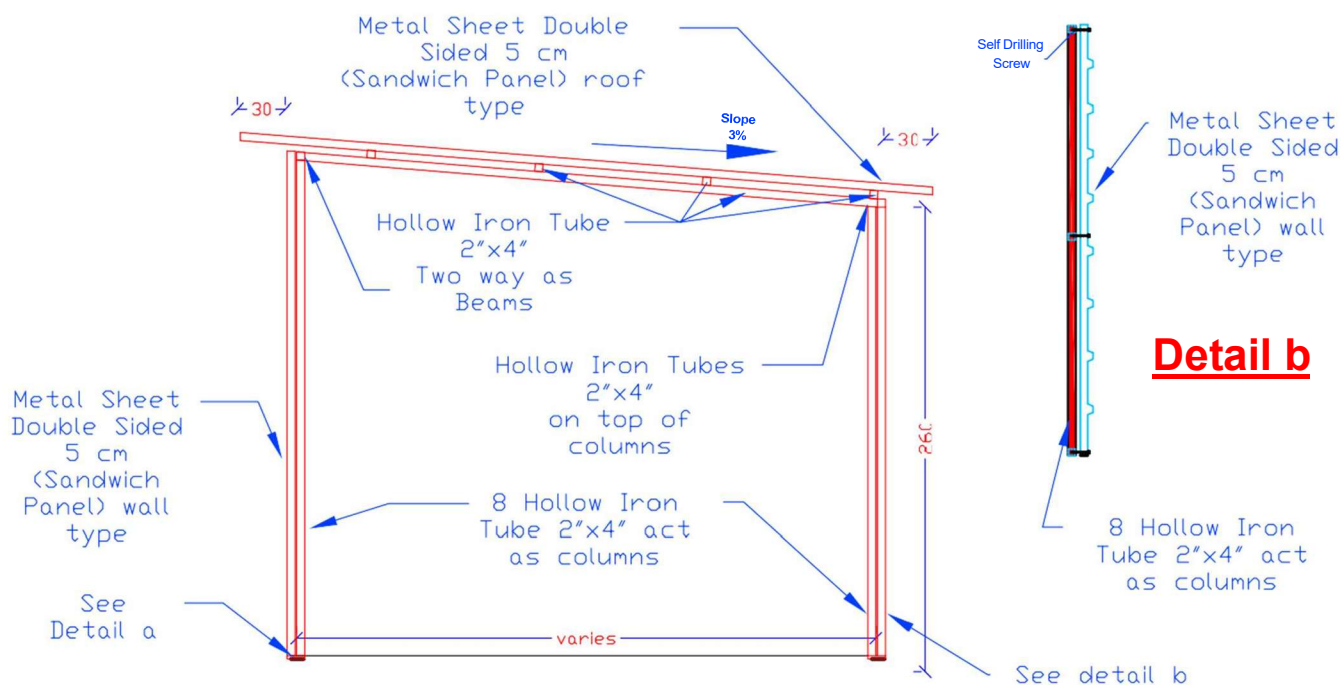
Hollow Iron Tube
2"x4" welded to
Iron Plate

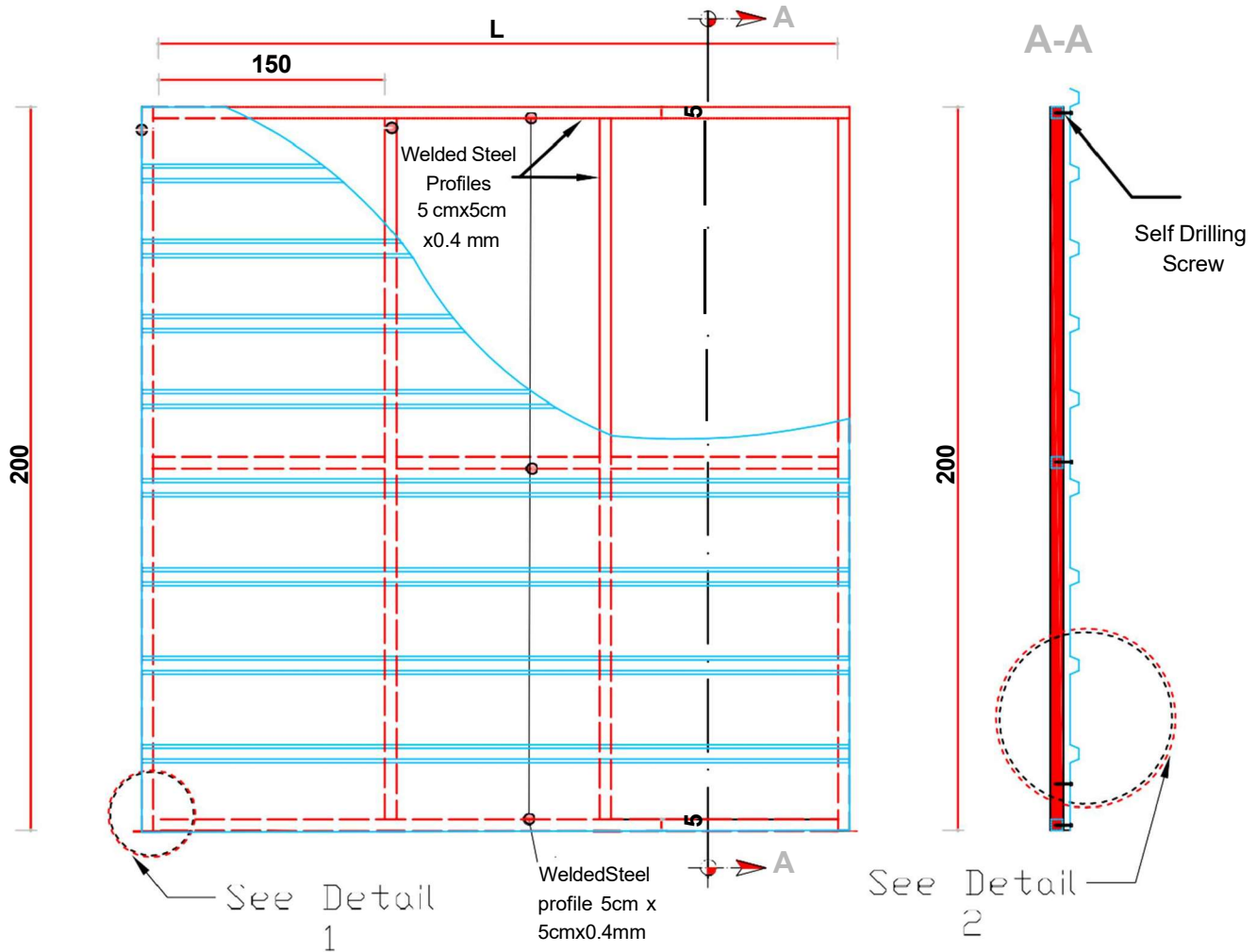
4 Reinforcement Bar
15cm, $\phi 12$ fixing
to the ground

Technical drawing of a roof profile. The top view shows a series of trapezoidal ridges. Dimensions are given in millimeters: 366, 290, 56, 26, 20, 20, 135, 1080 ± 2 , and 1150 ± 2 . A vertical dimension of 5 is shown on the right. The bottom view shows the underside of the profile with labels 1, 2, 3, and 4 pointing to specific features.

Sandwich Panel expanded polystyrene core

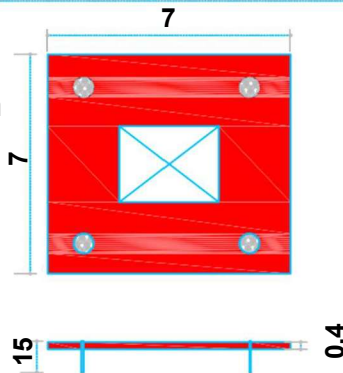
1. Steel lining, external, standard gauge 0.50 – 0.60 mm
2. EPS expanded polystyrene core
3. Steel lining, internal, standard gauge 0.40 – 0.50 mm
4. Capillary chamber
5. Internal side profile types as in IzoWell panels, one profile type available on the external side



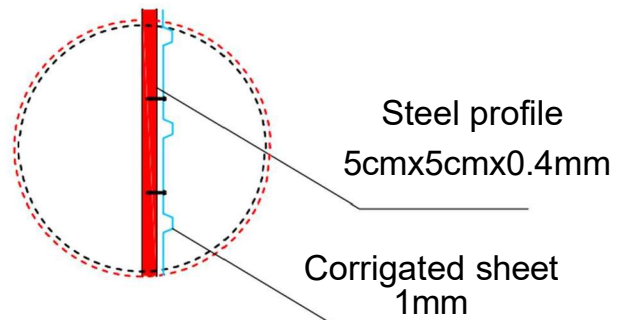


- Section A-A

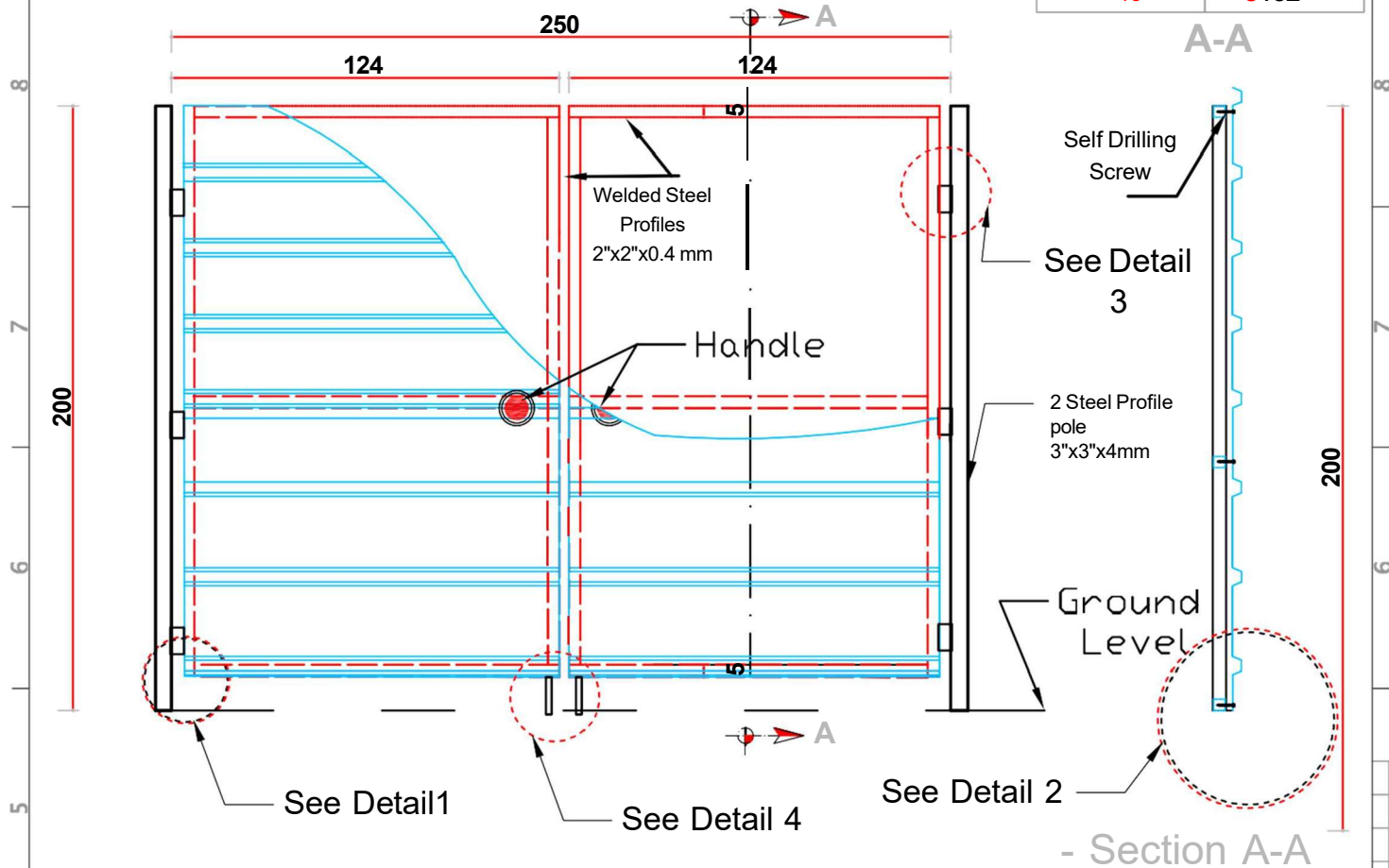
Base plate
7 cm x 7 cm x 0.4 mm
fixing to the
ground by 4
steel
reinforcement
bar 15 cm, Ø12



- Detail - 1



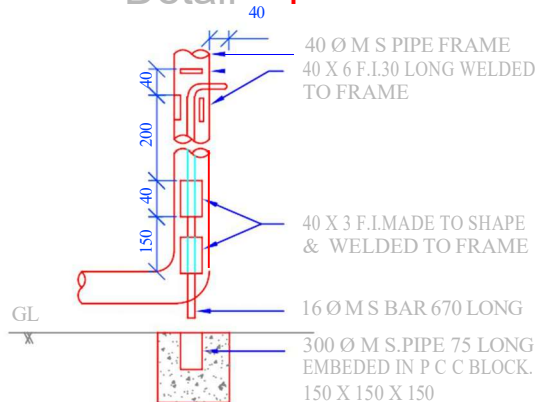
- Detail - 2



Base plate 15 cmx15 cmx0.4 mm fixing to the ground by 4 steel reinforcement bar 15 cm, Ø12

Steel profile Post 3"x3"x0.4mm

- Detail - 1



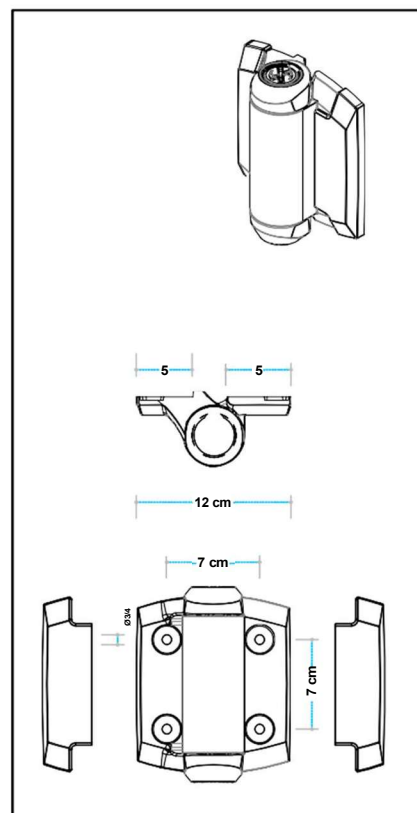
- Detail - 4 Fixing to Ground

Steel profile 2"x2"x0.4 mm

Corrugated sheet 1mm

- Detail - 2

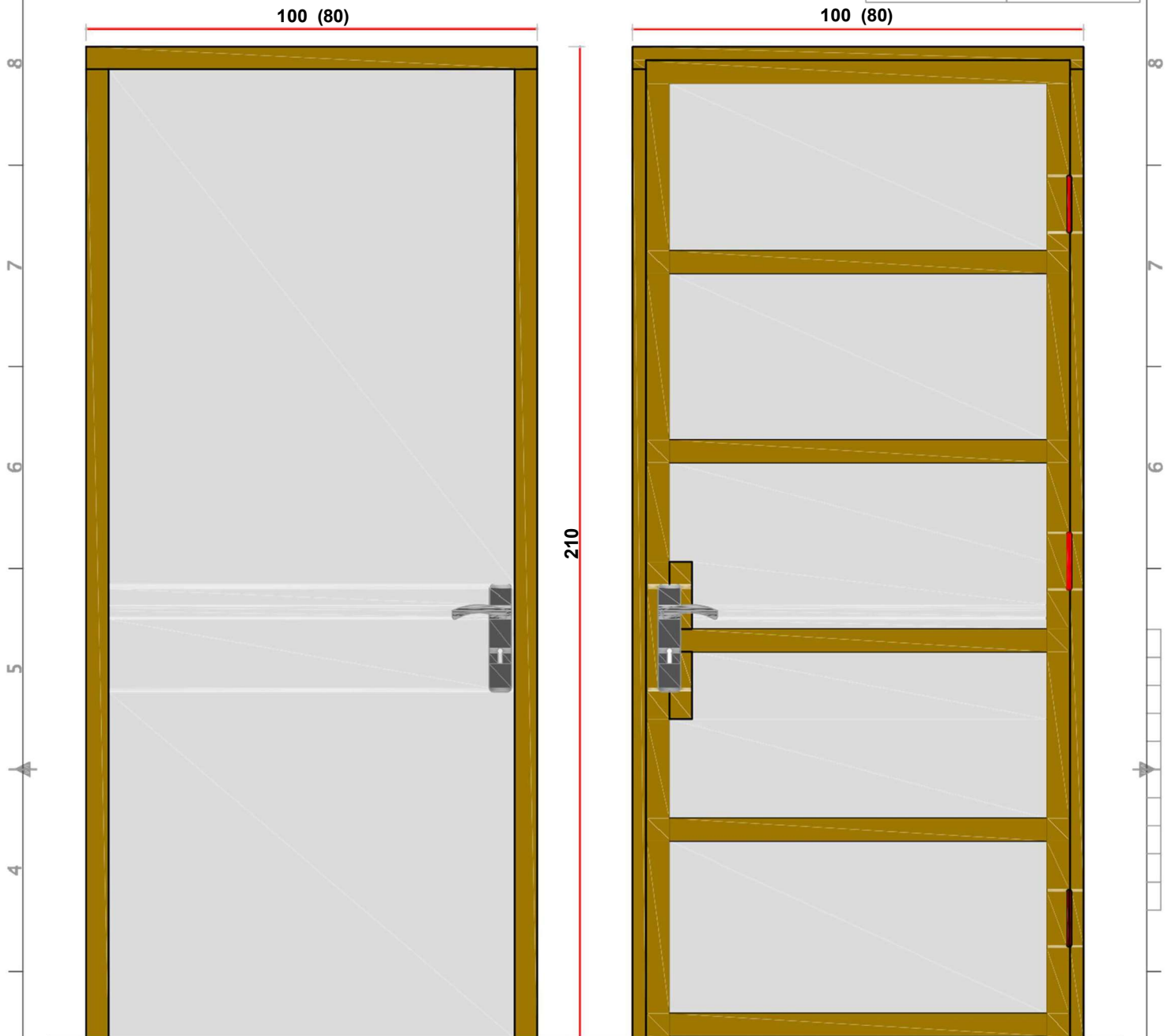
- Detail - 3 Hinge Details



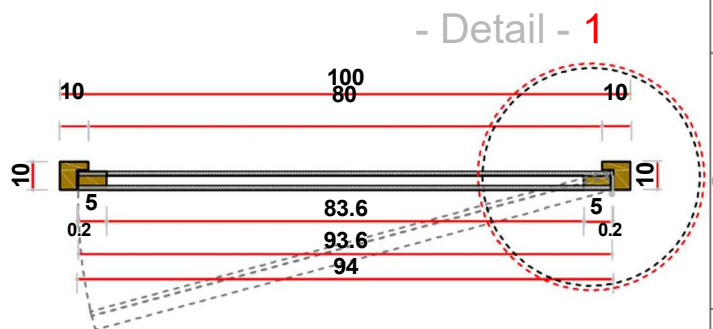
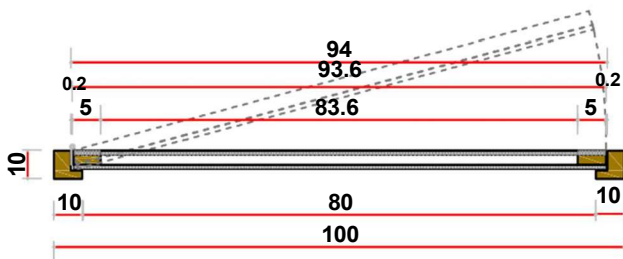


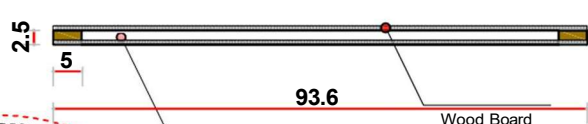
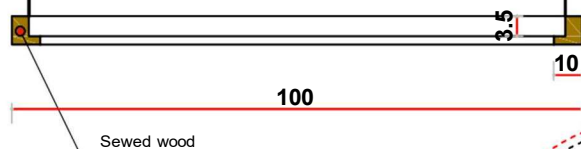
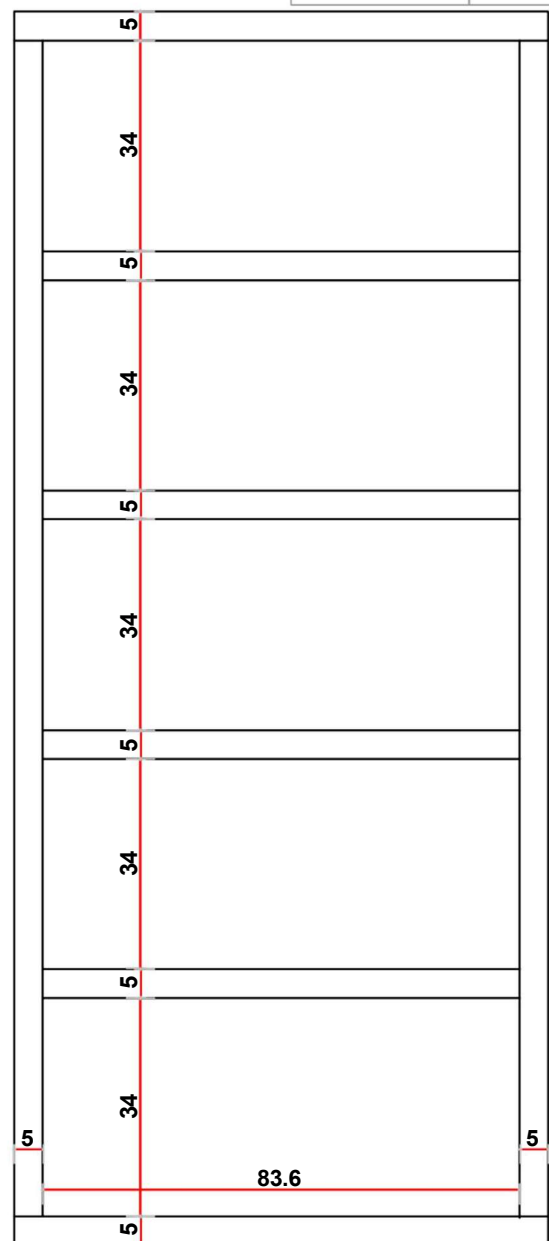
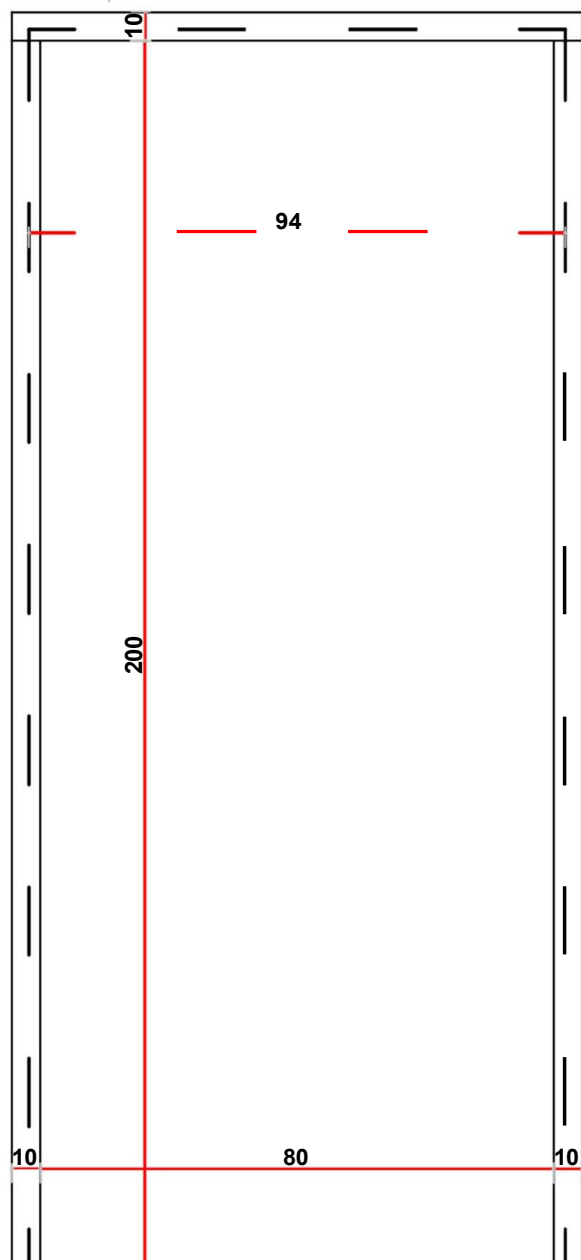
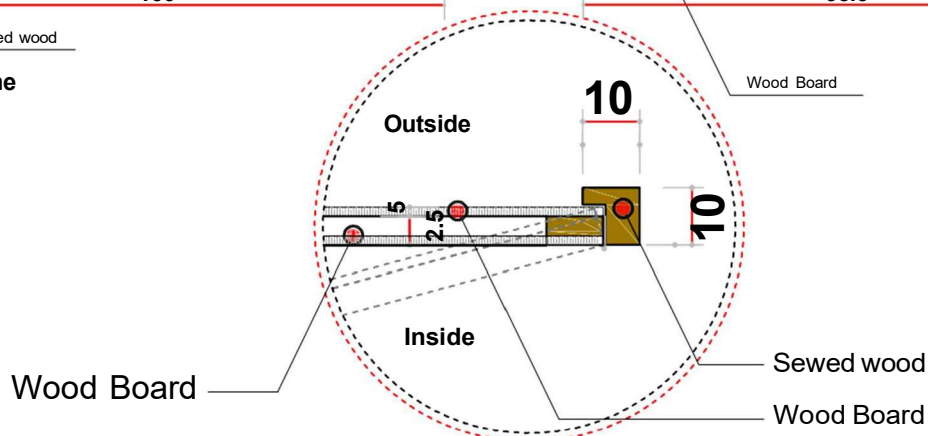


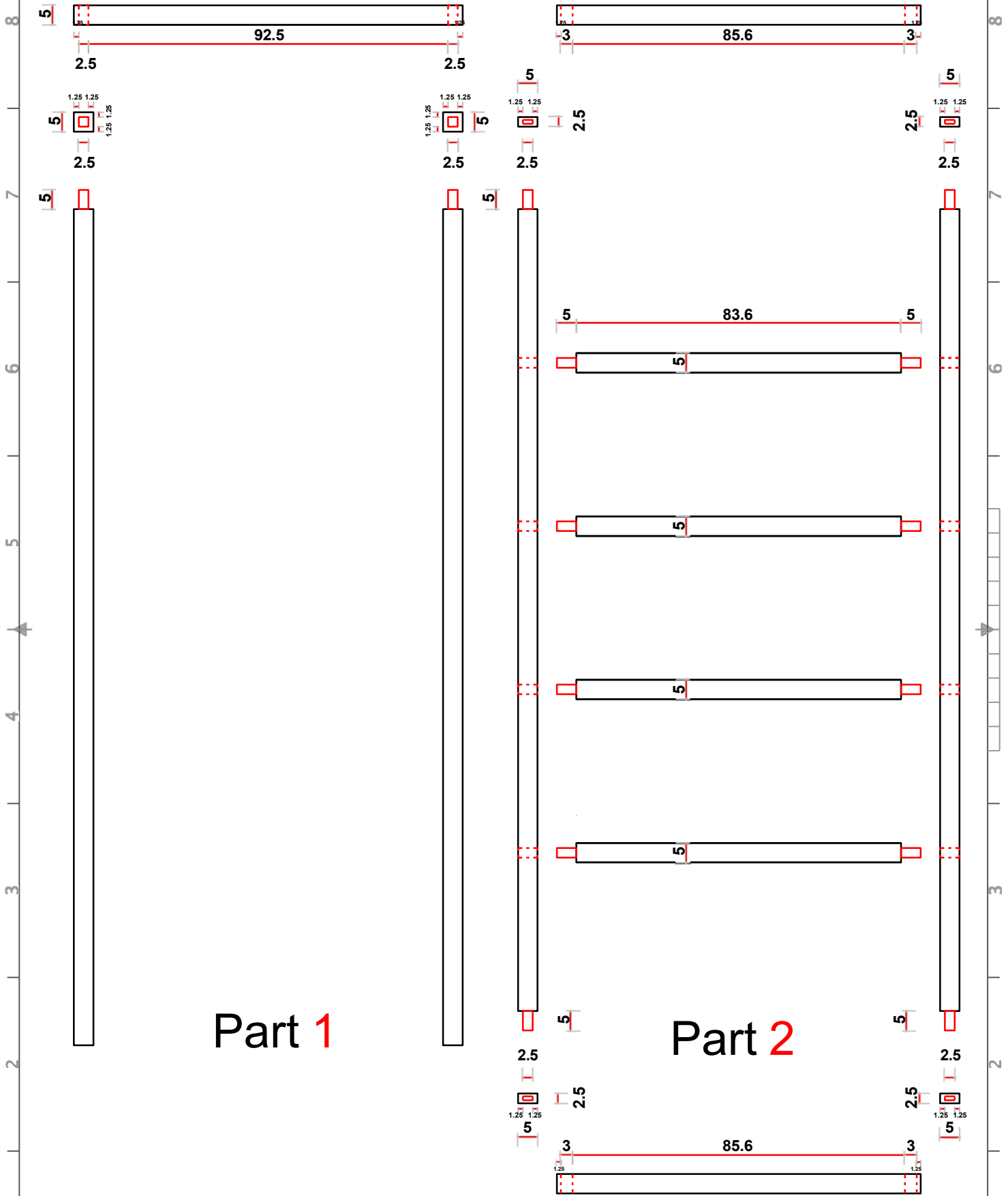
- Date : Dec.2024

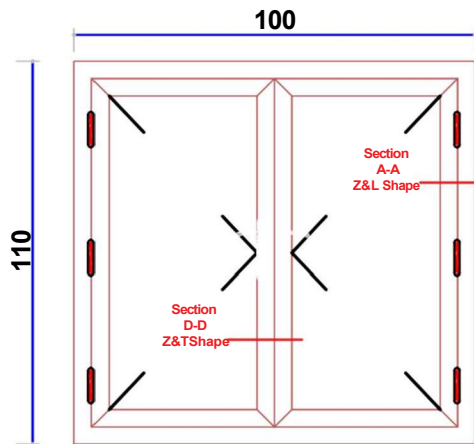


Outside view

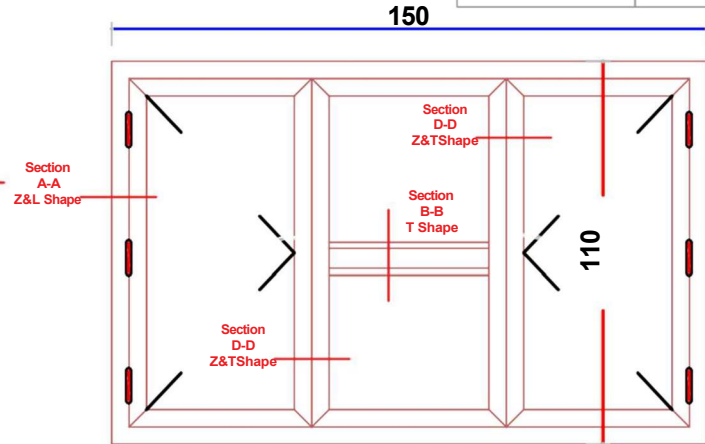


8
7
6
5
4
3
2
18
7
6
5
4
3
2
1Door Frame
Part 1Door Leaf
Part 2

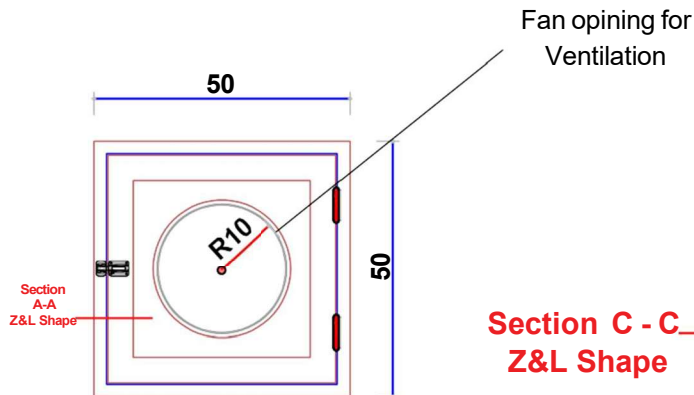




**2 Shutters
Window Elevation**

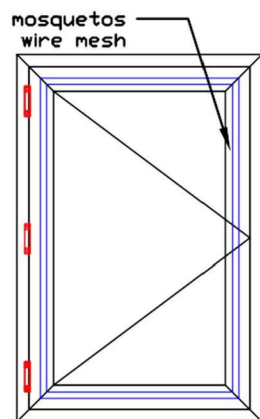


**3 Shutters
Window Elevation**

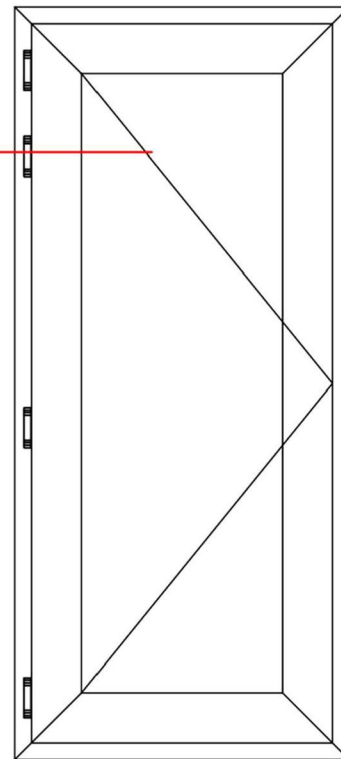


**Bath & Toilet
Window Elevation**

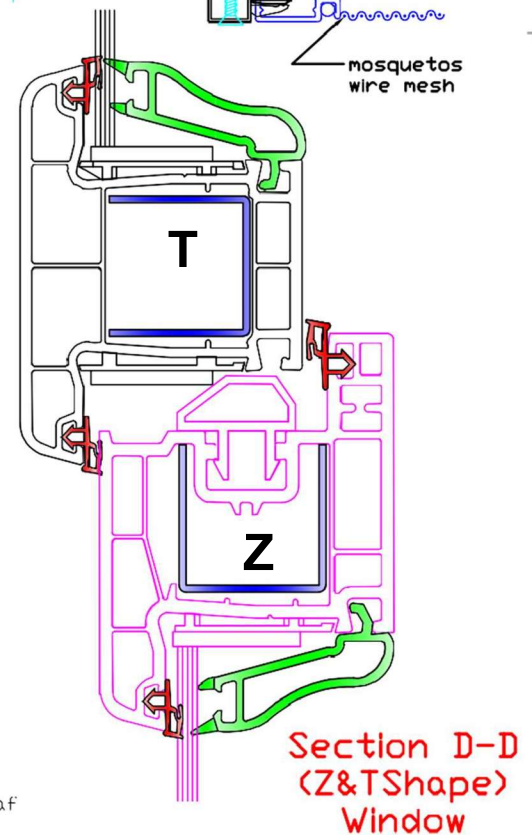
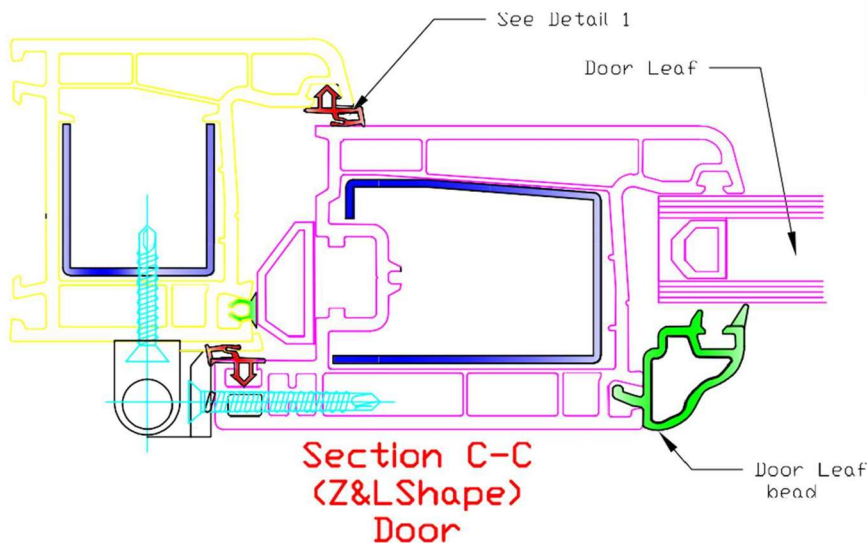
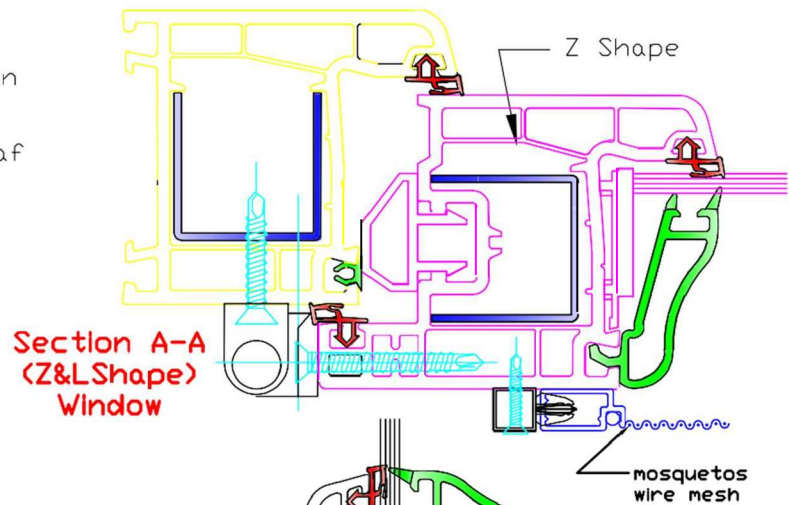
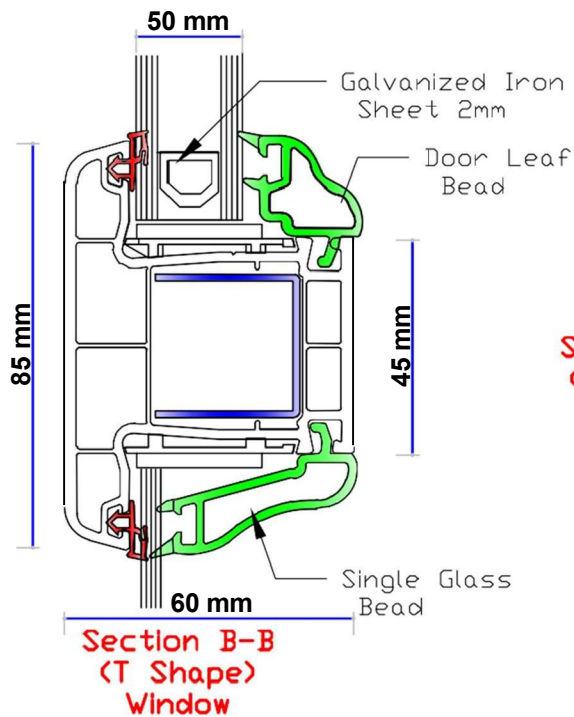
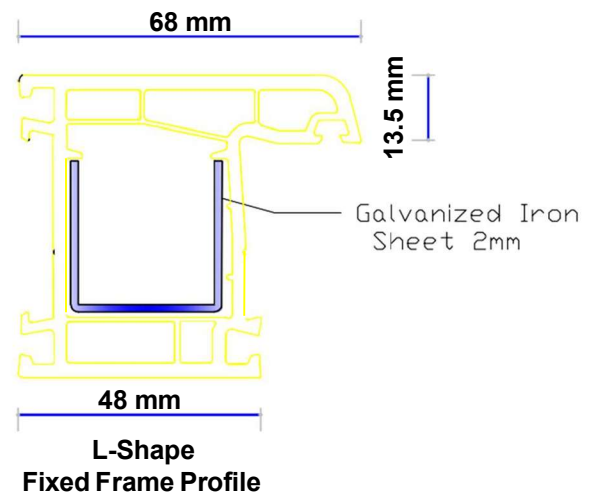
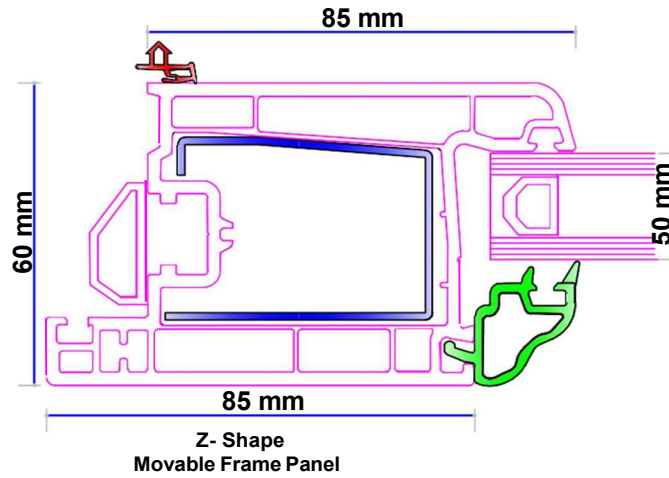
**Section C - C
Z&L Shape**



**Single Shutter
window Elevation**



**Door
Elevation**



240

conc.Block
First Row
40cm
thick,rest
20 cm

A

Steel Bar
Ø12 mm
@20cm/c two
way one
layer

UPVC
Cover
50x50cm

Inlet
Sewage
Pipe

Reinf.
Conc
Slab 15
cm
thick

Detailed Plan

opening
5cm dia
for
ventilating
pipe

Steel Bar
Ø12mm@20cm c/c
two way one
layer

200

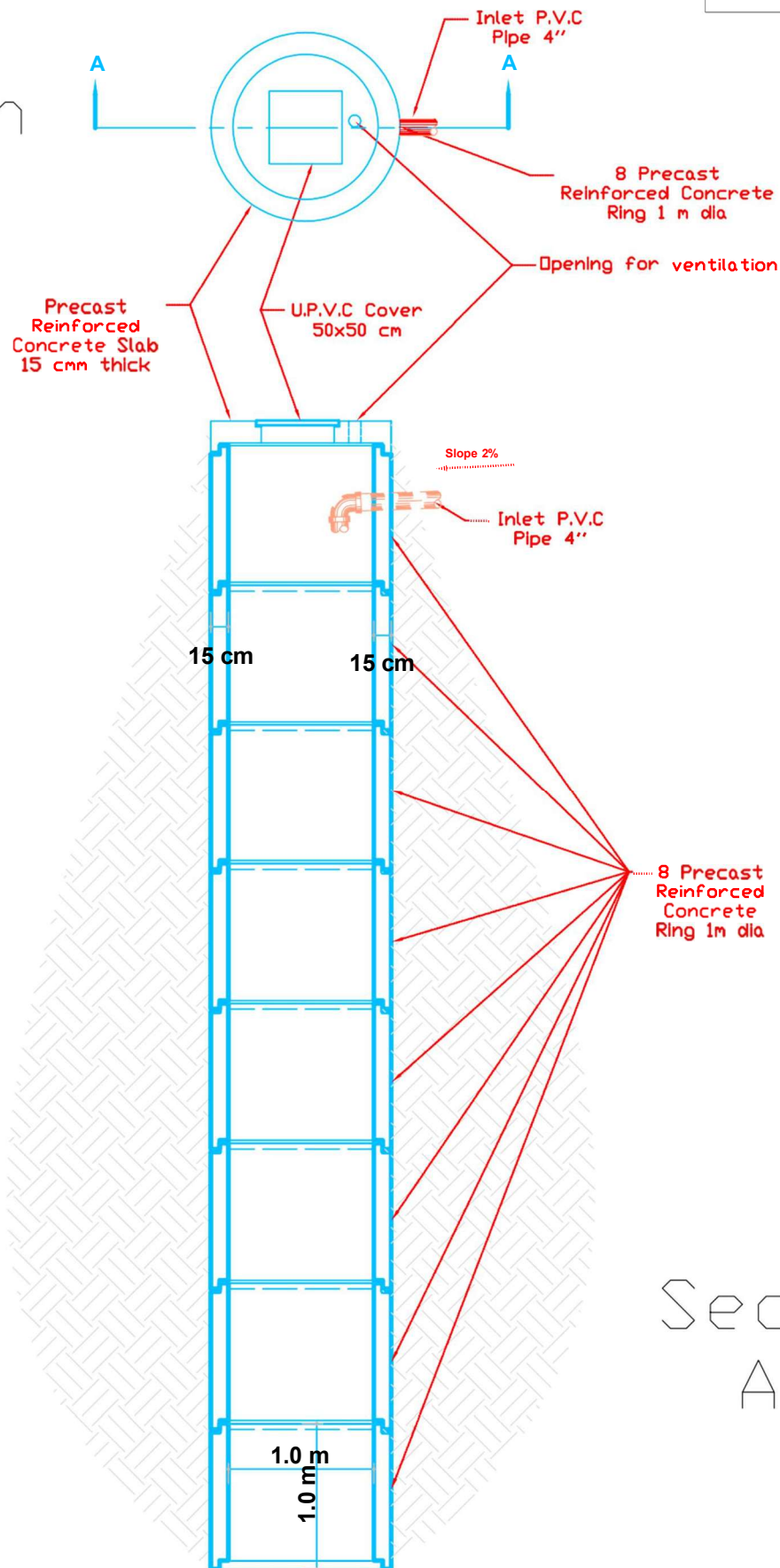
200

conc.Block
First Row
40cm
width,rest 20
cm width

Inlet
Sewage
Pipe

Section A-A

Plan

Section
A-A

Steel Bar $\varnothing 12$ mm
@20cm/c two way
one layer

Manhole Cover

Reinforced Concrete Cover 10 cm

Concrete Block Wall
15 cm thick

Outlet Sewage
Pipe 4 "

Inlet Sewage
Pipe 4 "

Plan

80.00

10 cm Reinforced Concrete
Cover

Manhole Cover

N.G.L

Concrete Block Wall
15 cm thick

Outlet Sewage
Pipe 4 "

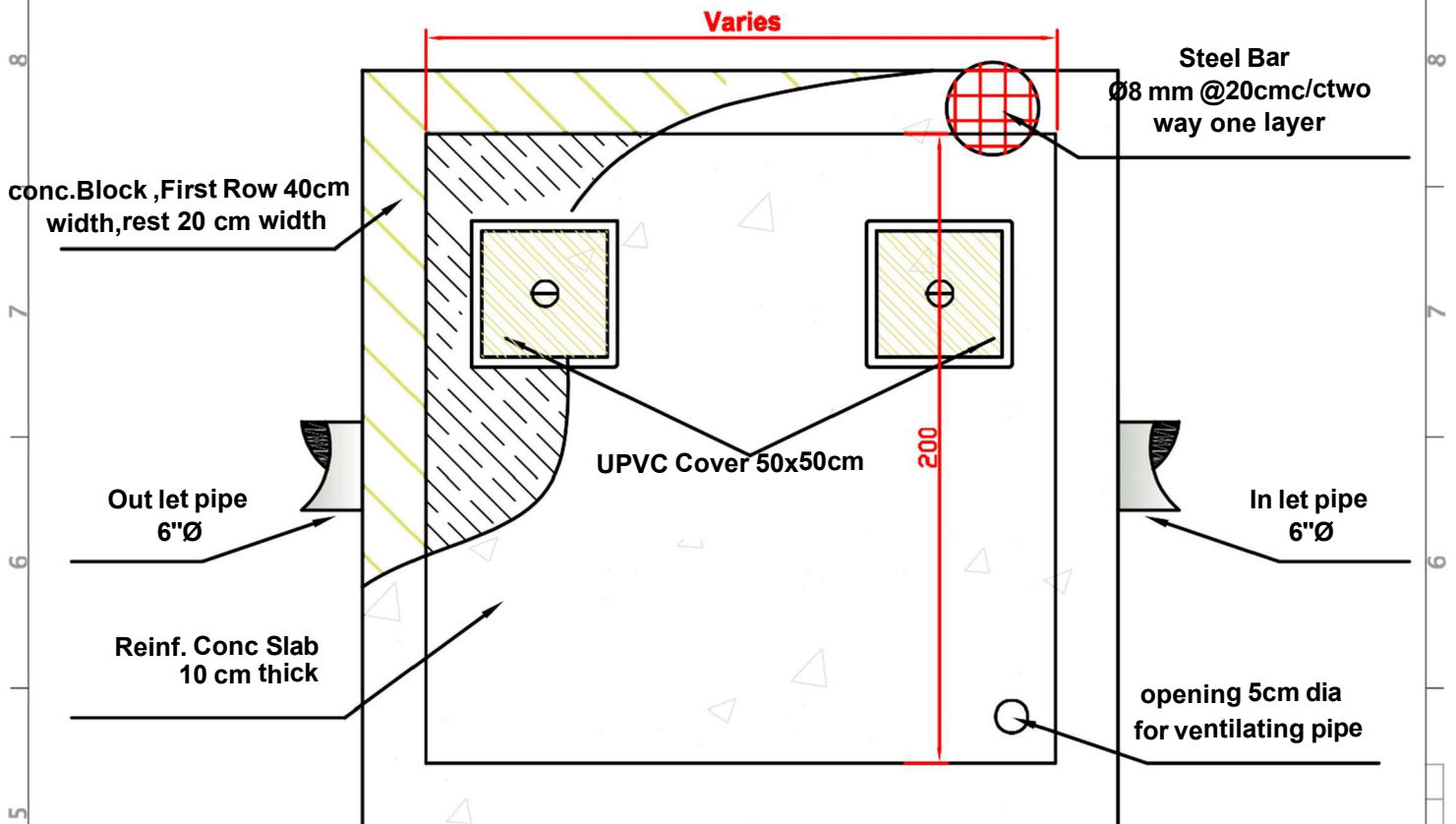
4 Steel Bars $\varnothing 10$ mm
Two Ways One
Layer

Cement Plastering Inside

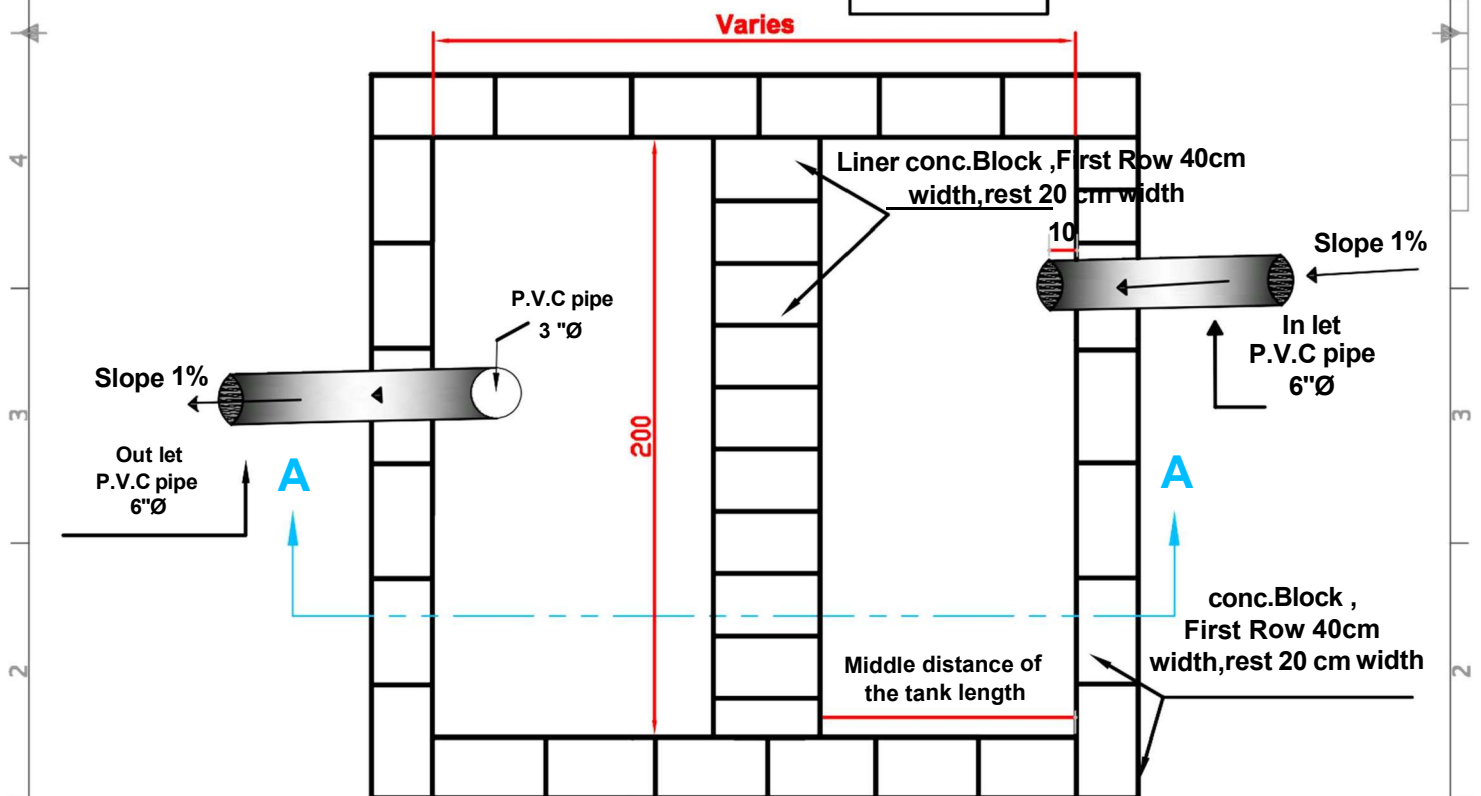
Inlet Sewage
Pipe 4 "

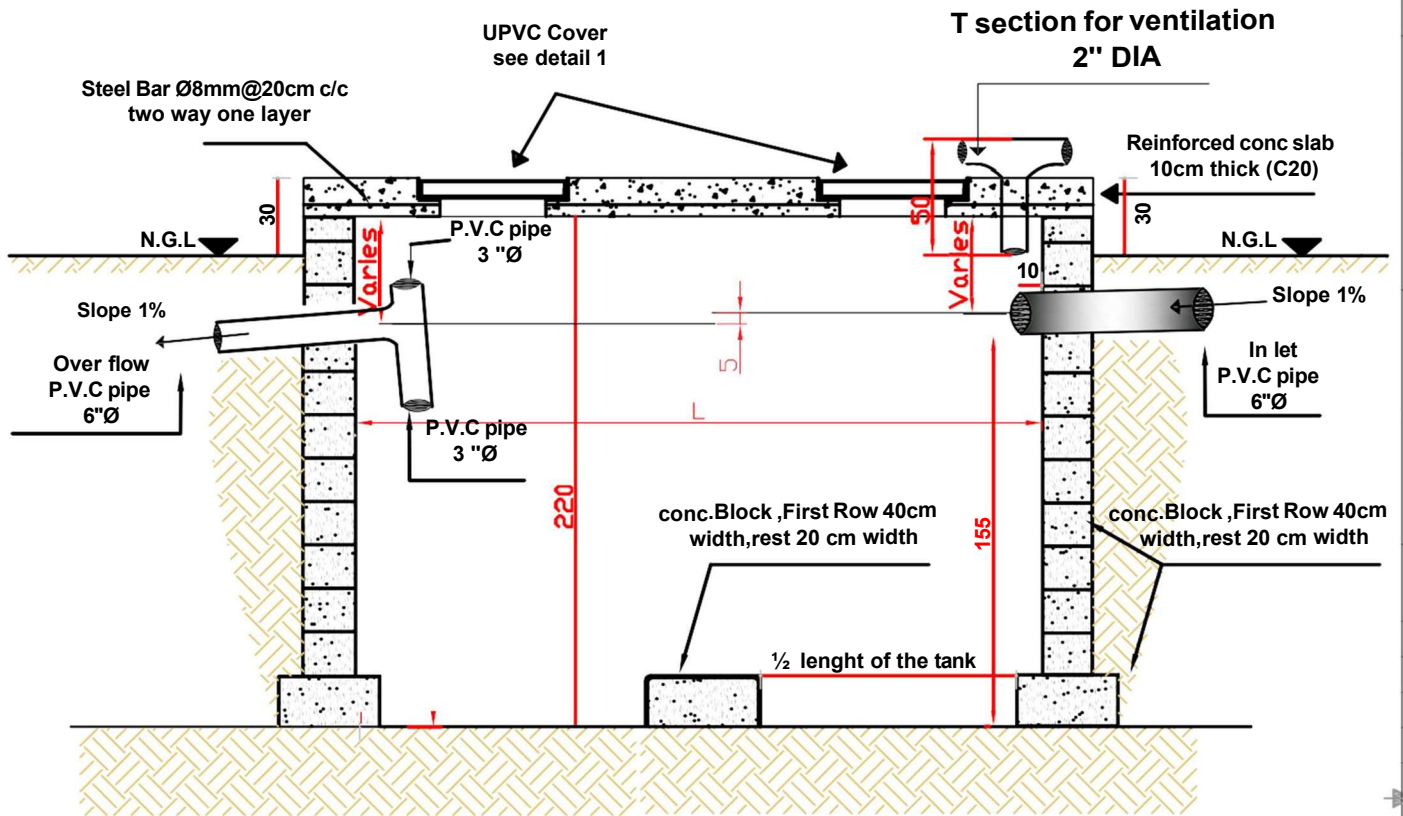
Section
A-A

Concrete Base 10 cm thick

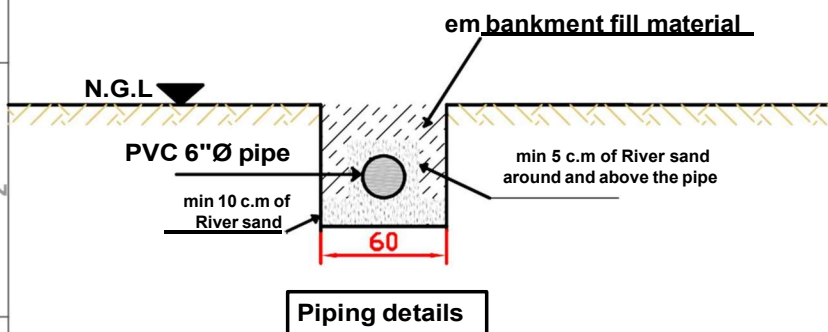
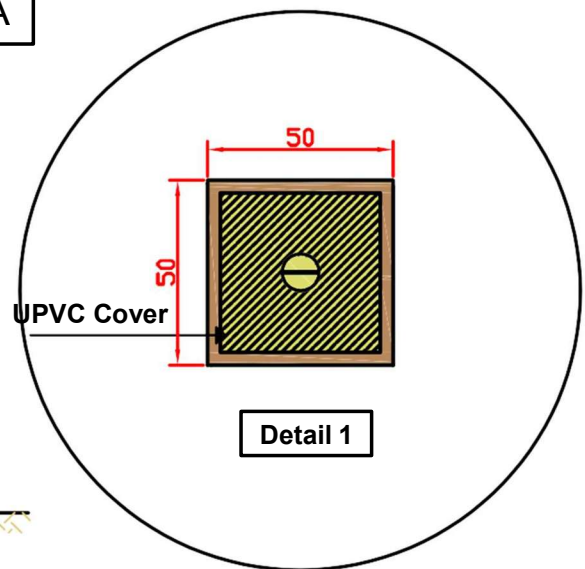


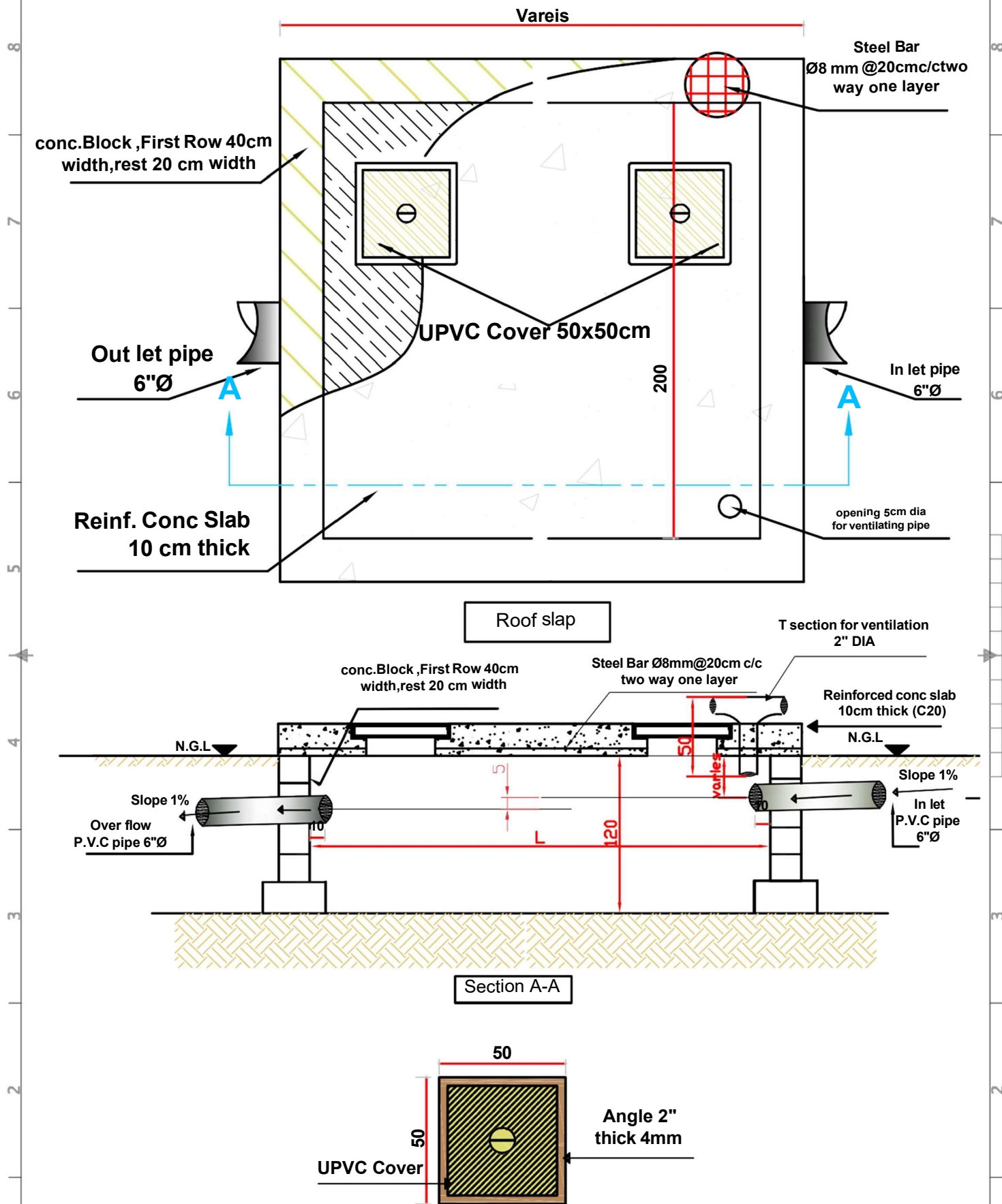
Roof slab

Settling Tank
Detail Plan



Section A-A

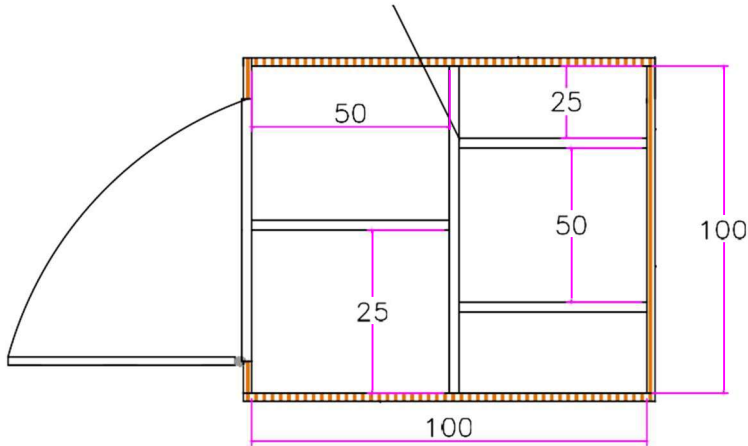




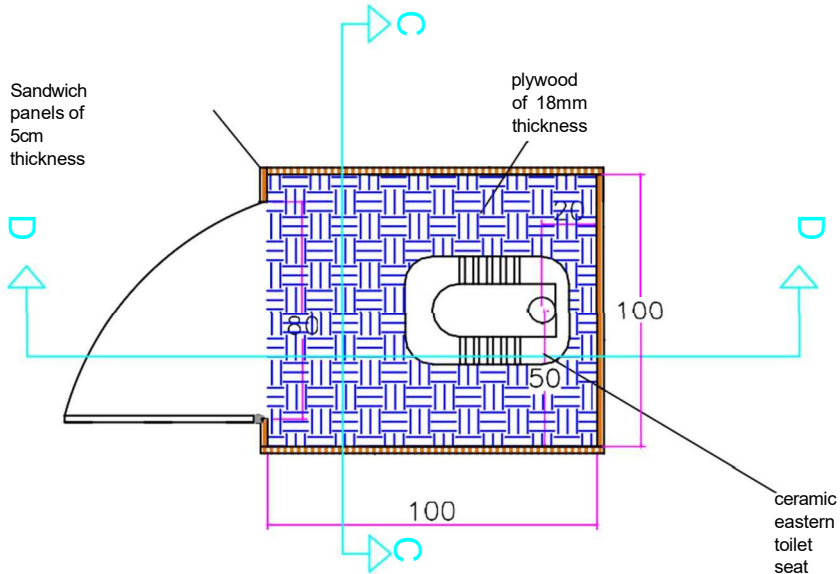




steel frame for plate support of rectangular section
and 3mm thickness

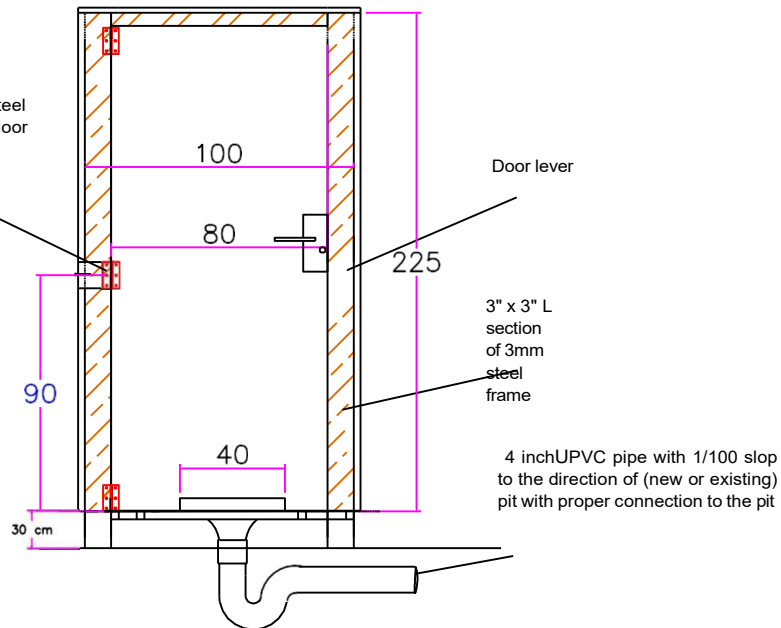


Plan view , prefab. Latrine Sandwich panels walls ,
plate floor support structure

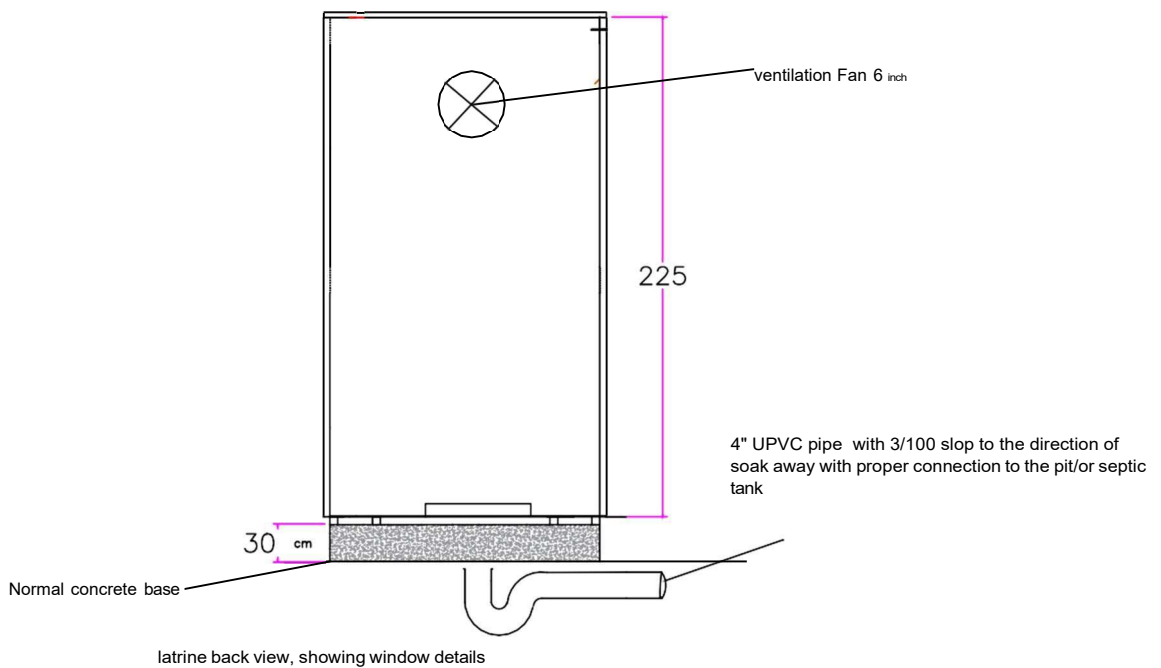


Plan view , prefab. Latrine Sandwich
panels walls concept

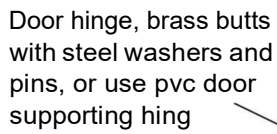
Door hinge, brass butts with steel washers and pins, or use pvc door supporting hing



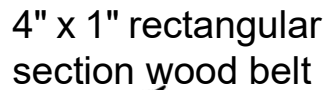
Section C: latrine front view showing door hinge and lock



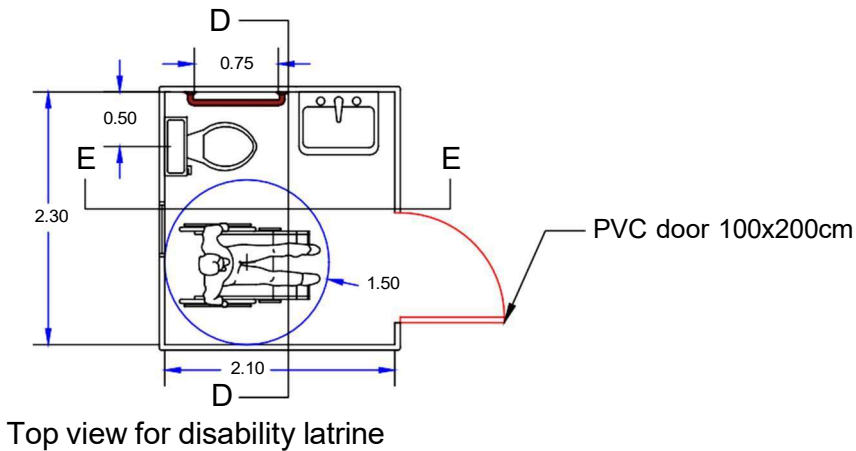
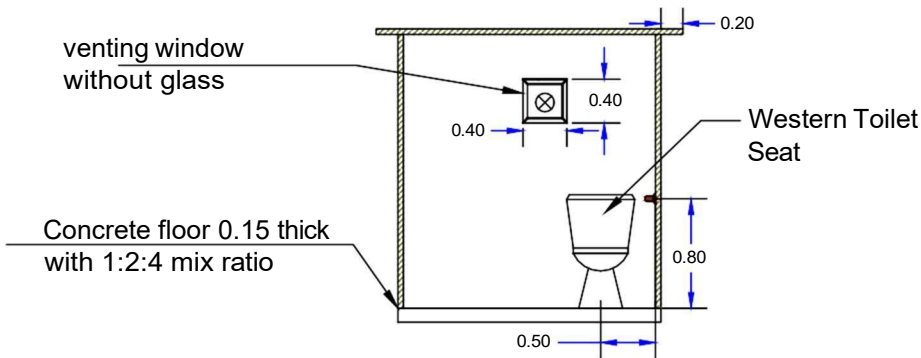
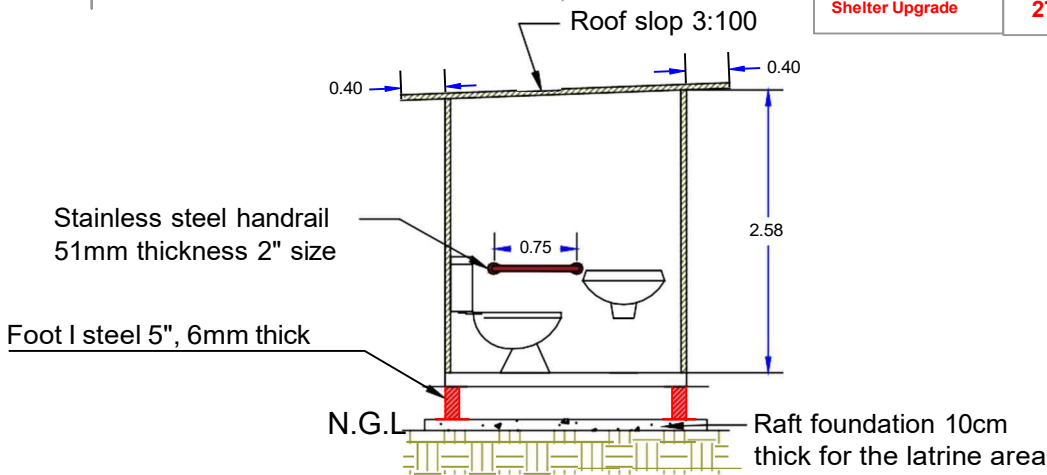
latrine back view, showing window details



plywood of 1.8cm
thickness

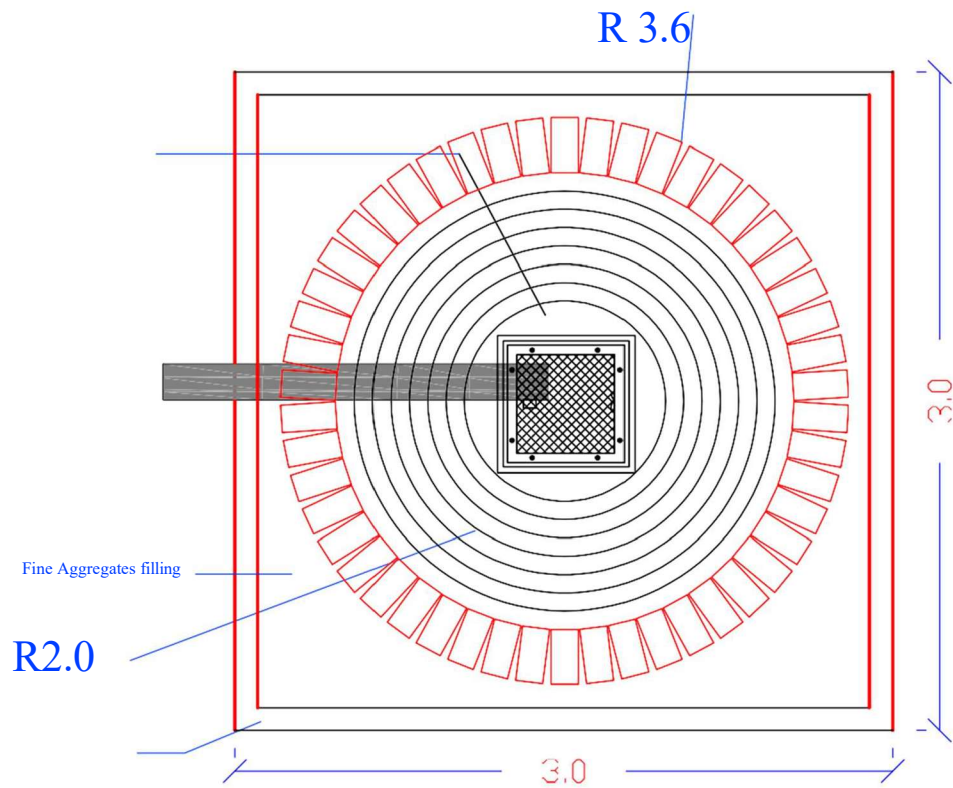


4" x 4" square
section wood
column

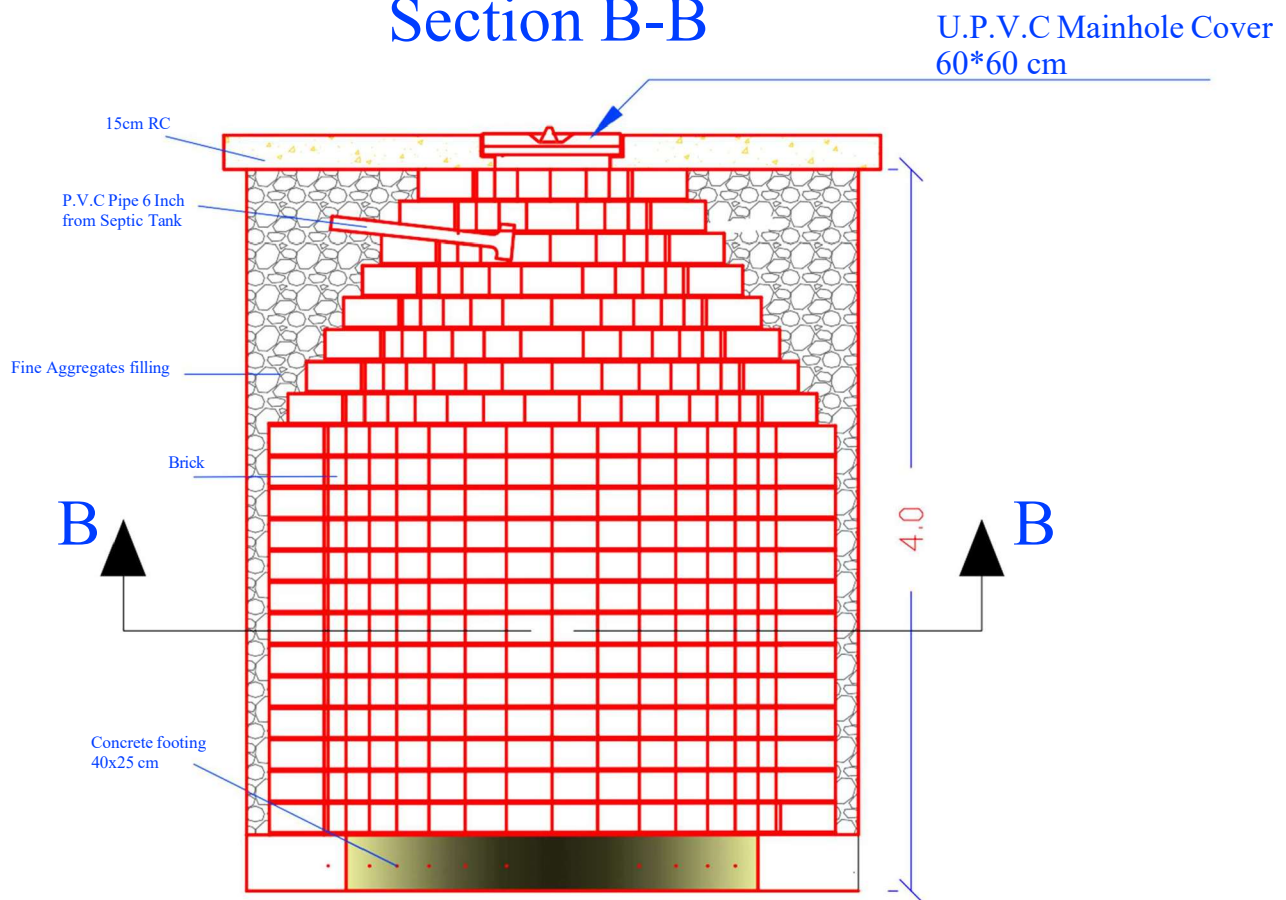








Section B-B



Cesspool (Type A) In Clay Soil



