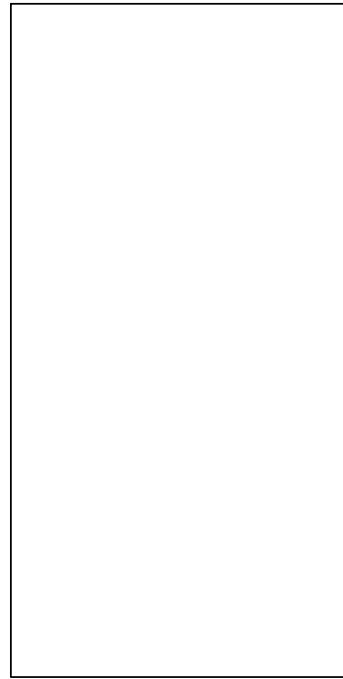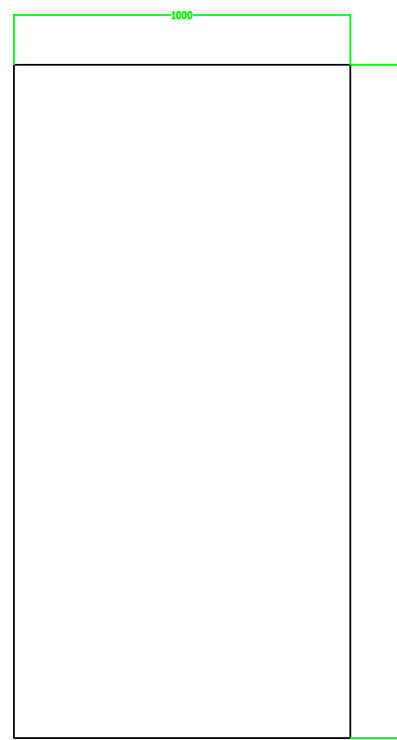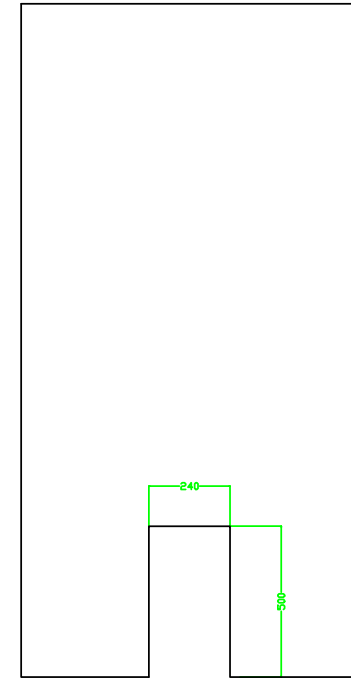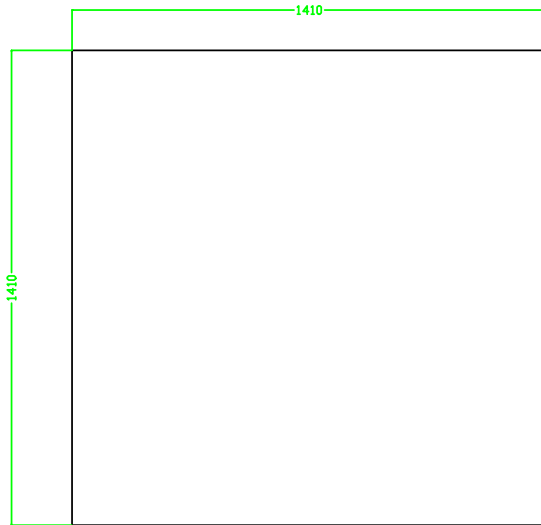Door w/ holes for
lock. Min. thickness
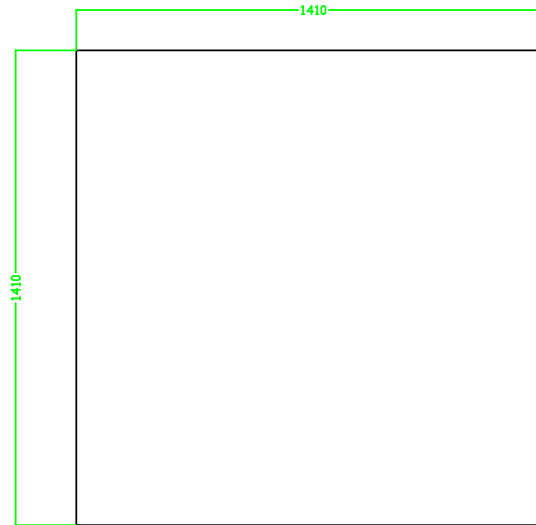20 mm

Side wall
Min. thickness 20 mm

Side wall
Min. thickness 20 mm

Back wall with hole
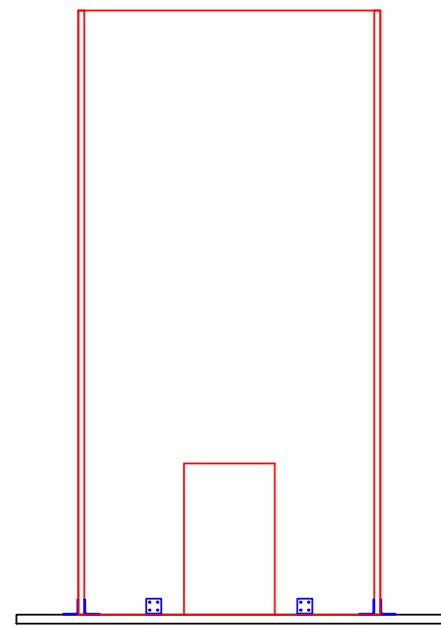Min. thickness 20 mm

Floor. Min. Thickness 30 mm

Roof. Thickness 10 - 20 mm
or metal plate

1- Secure the walls to the
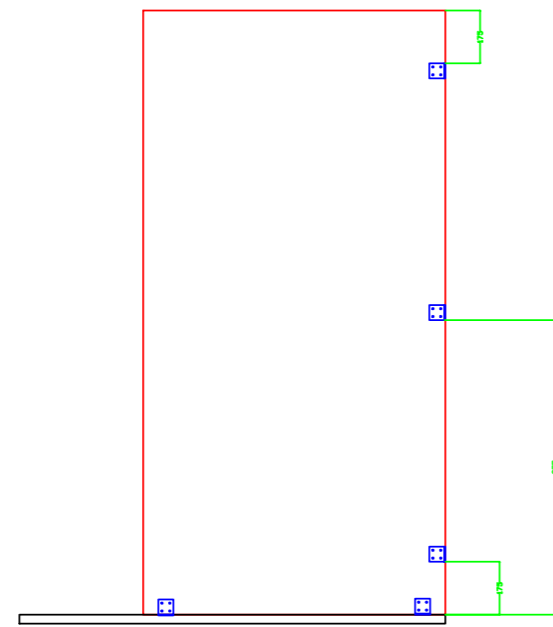floor with steel brackets in the
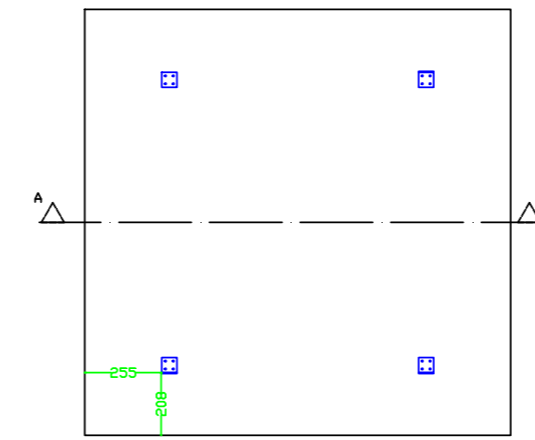shown positions

Top and front views

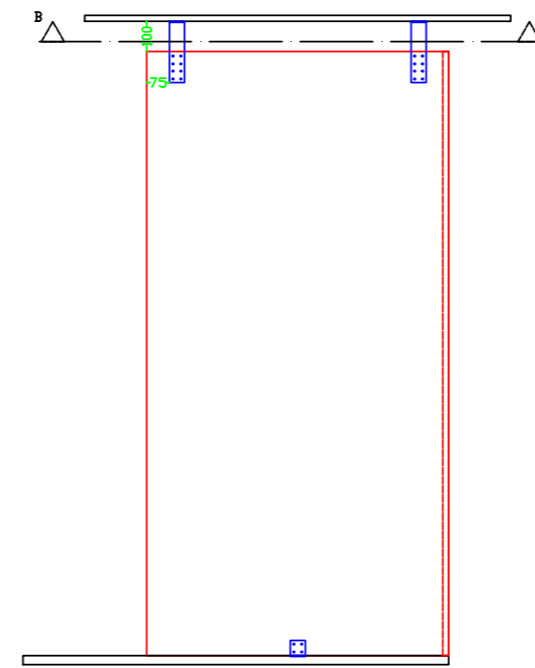2- Secure the walls to each
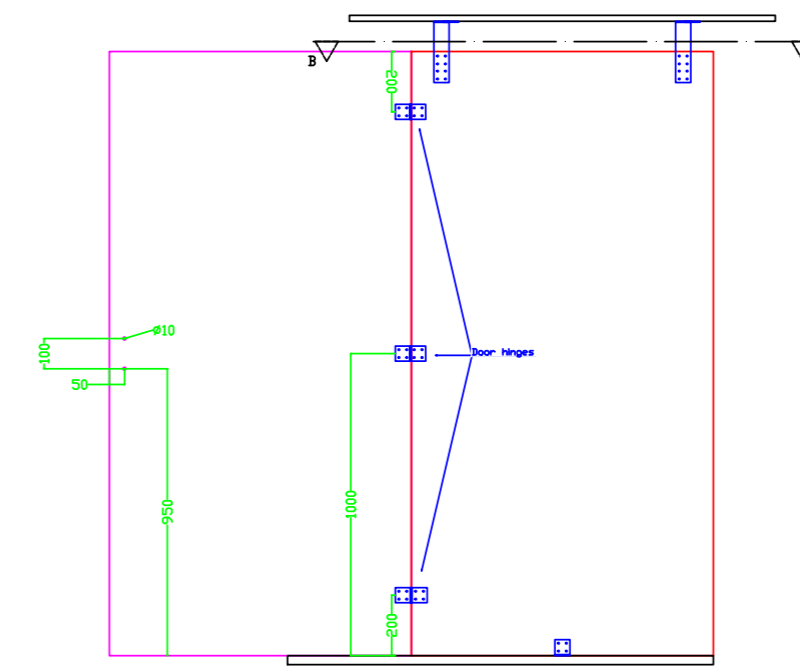other with steel brackets

Top and side views

3 - Secure the roof to the
walls with steel brackets.

Section views A-A and B-B

4 - Secure the door to the
corresponding side wall with
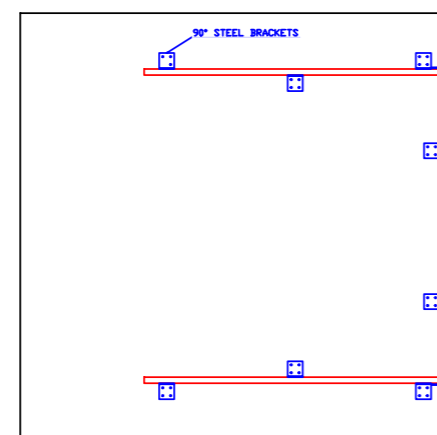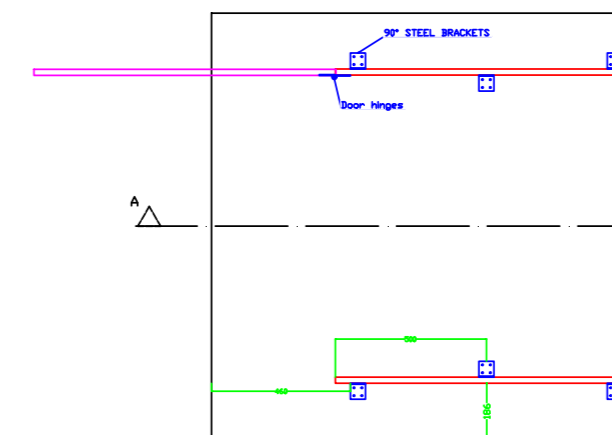steel hinges.

Sections A-A and B-B

Front view

Side view

Top view

Top view

Top view

roof and floor panels

side walls panels

door panel

steel brackets and hinges

90° STEEL BRACKETS

Door hinges

90° STEEL BRACKETS

Door hinges
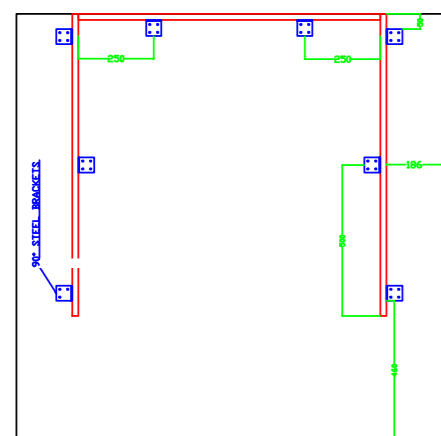
1 - Take 400 - 500 mm string
and tie a loop through the
holes in the door
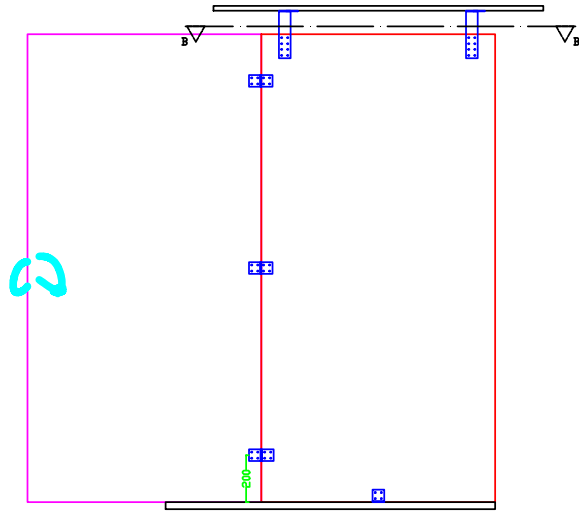
	roof and floor panels
	side walls panels
	door panel
	steel brackets and hinges
	strings

B

B

2 - Detail: door closed from inside
by securing the string loop to the
inner peg or L-shaped nail

Door hinges

3- Door closed from outside by
securing the loop to the outer
L-shaped nail or peg
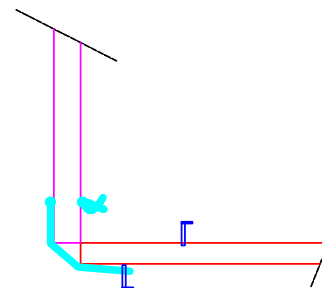
First step: fix the concrete blocks
to the floor with Portland cement or
sand-cement mortar. Screw the hinge
to the floor just at the central line
of the back side

Wetting basin and mortn bin beneath it

concrete blocks 300 x 300 x 200 mm

450L max 550L

TOP VIEW

Wetting basin and mortn bin beneath it

Containment system, see
corresponding drawing

A   A

In order to ensure the frame is position, the spaces within the dotted line should be filled with light mortar

concrete blocks

roof and floor panels

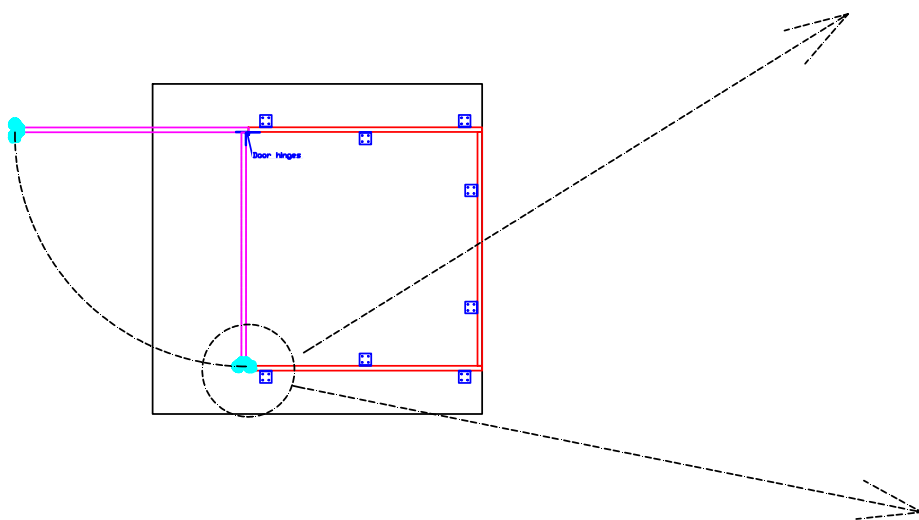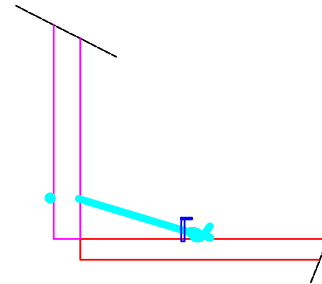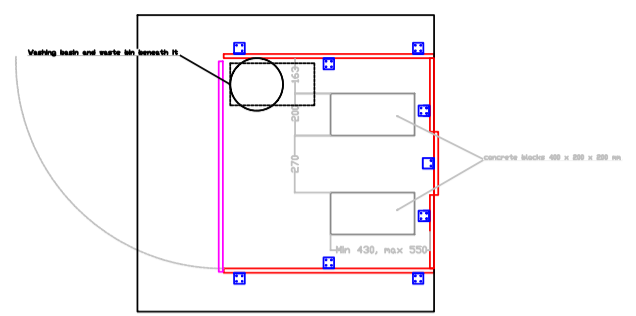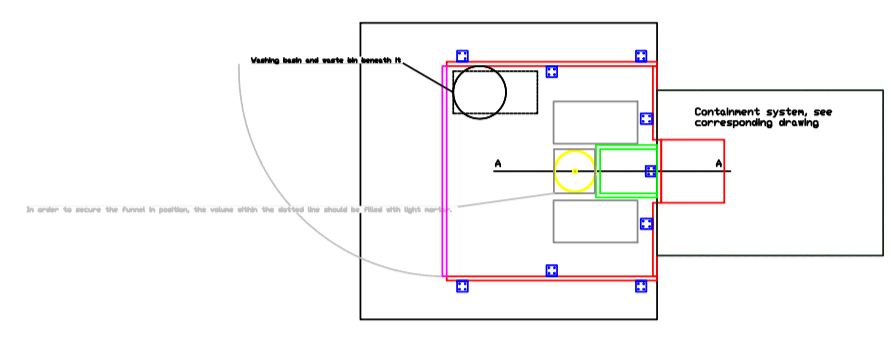side walls panels

door panel

steel brackets and hinges

box with handle, hinged to the floor

SECTION A-A, box in rest position

In order to ensure the frame is position, the spaces within the dotted line should be filled with light mortar. Otherwise, the frame need be secured to a wooden box or any other support

Front view

SECTION A-A, box tipped in dump position

Front view

450

SECTION A-A, handles made with rope
loops, help elders or pregnant women
to squat. Drill two holes in each side
wall, make a loop of rope passing
through them and insert the rope
into a section of plastic tube or
bamboo culm to form a handle before
closing the loop with a knot.

construction of the box with timber planks, 20 mm x 200 mm

Required parts

270
200
× 1

290
200
× 2

200
200
× 1

Assemby with nails or wood screws

Top view

290
240
A — — — — — — — — — — — A

Bottom view

290
240
A

Section A-A

Hinge

First step: fix the concrete blocks
to the floor with Portland cement or
sand-cement mortar. Screw the hinge
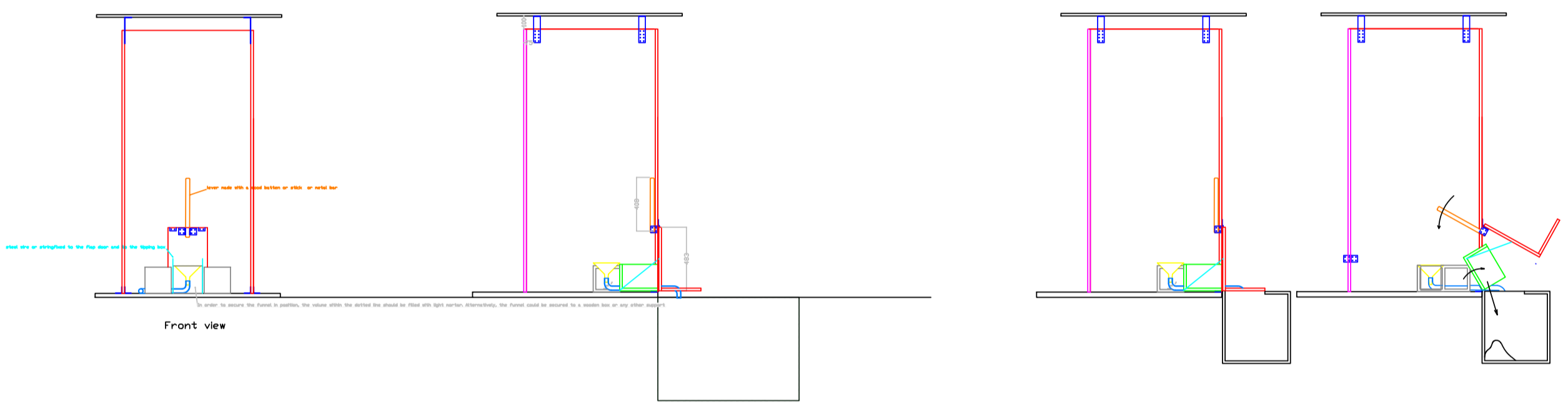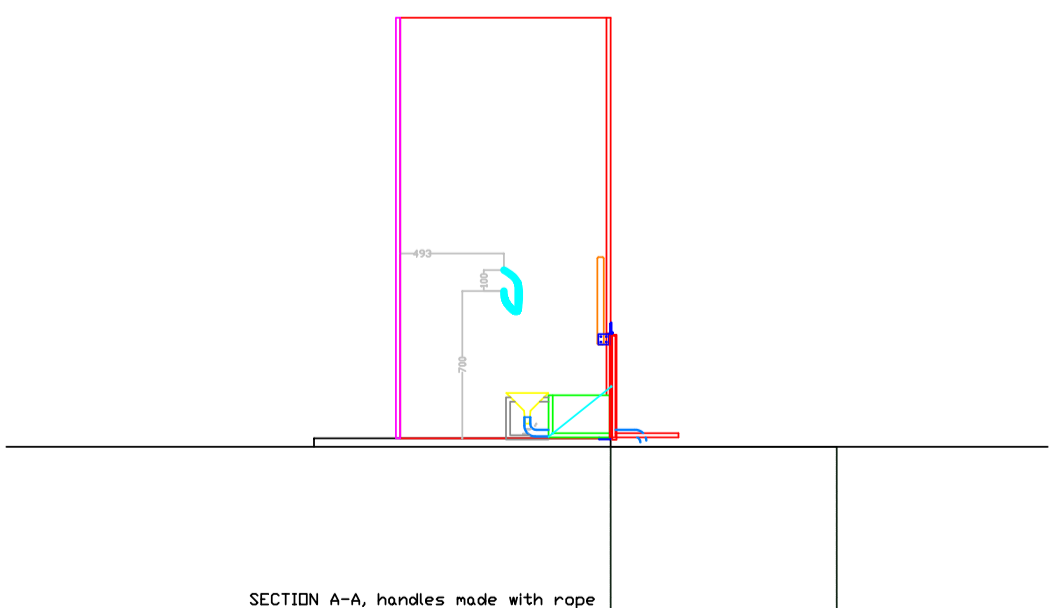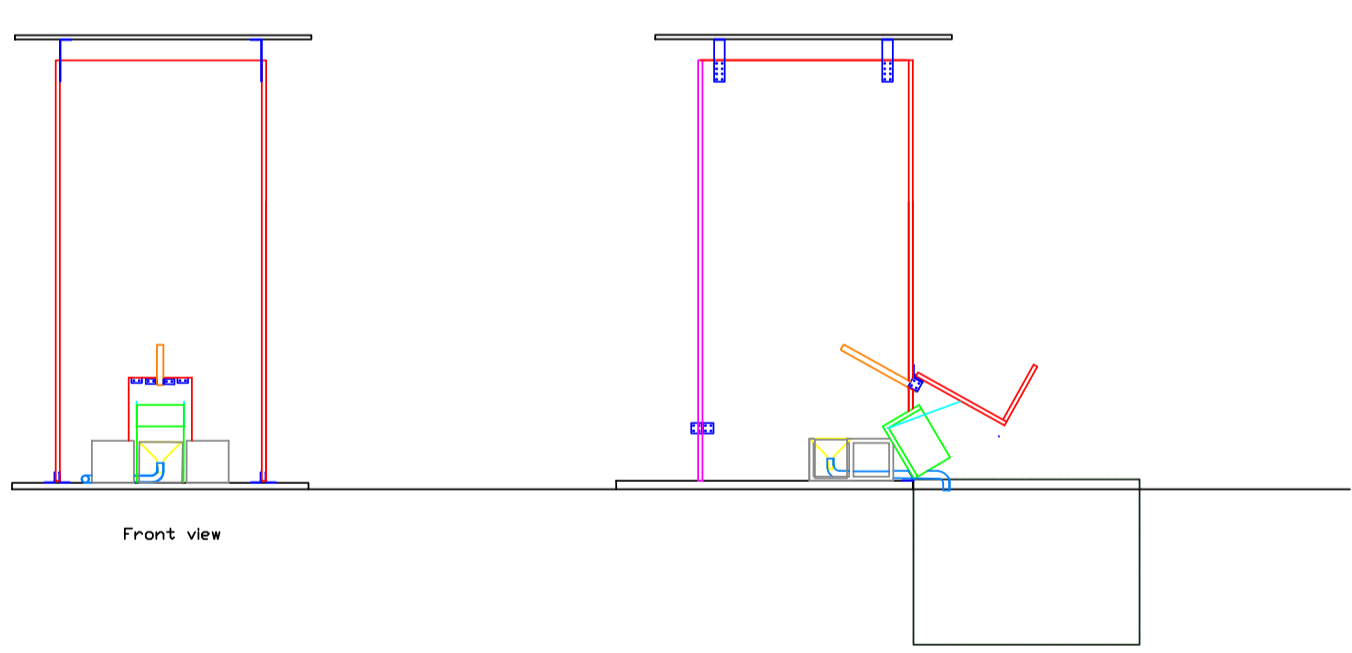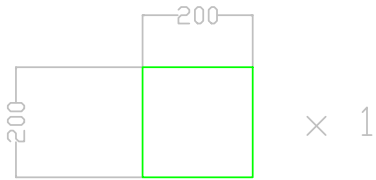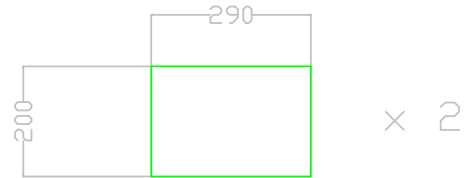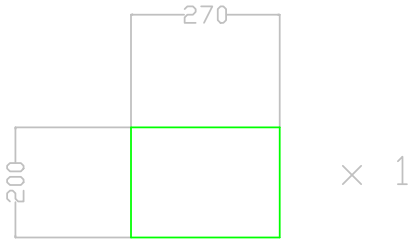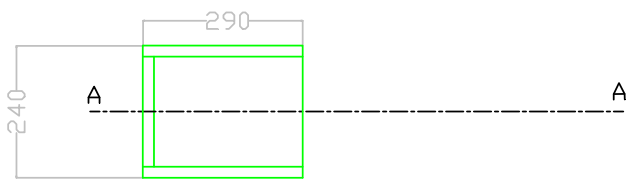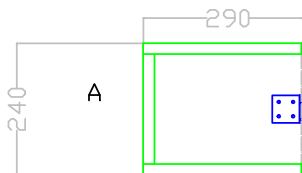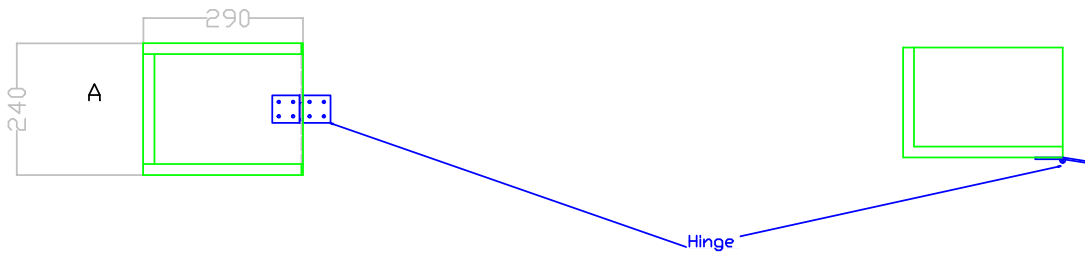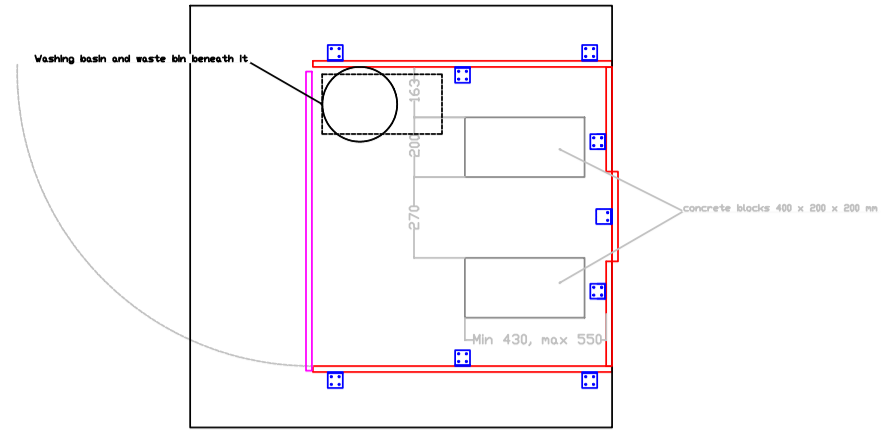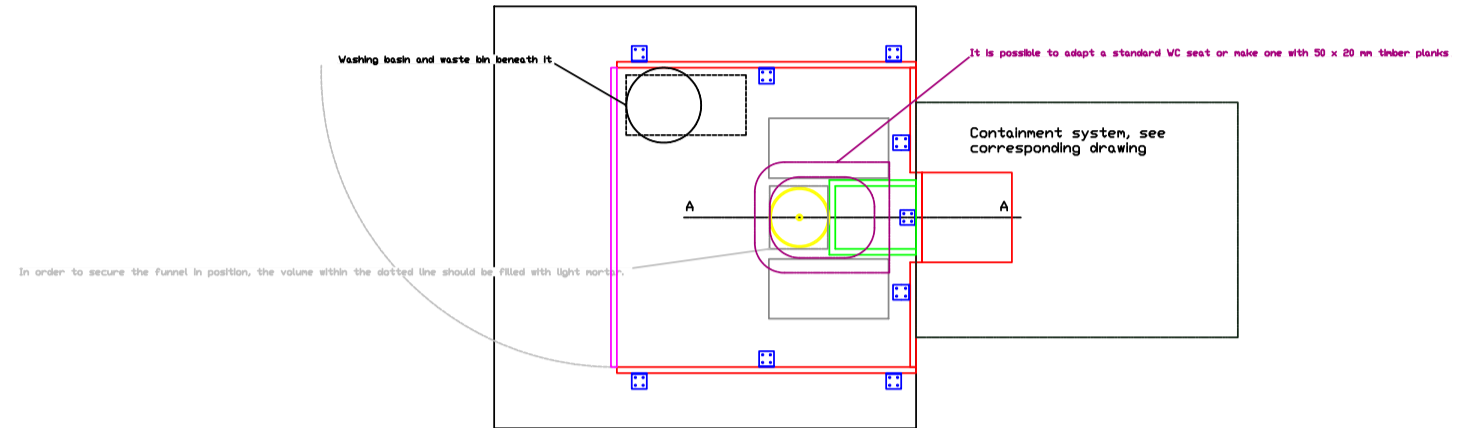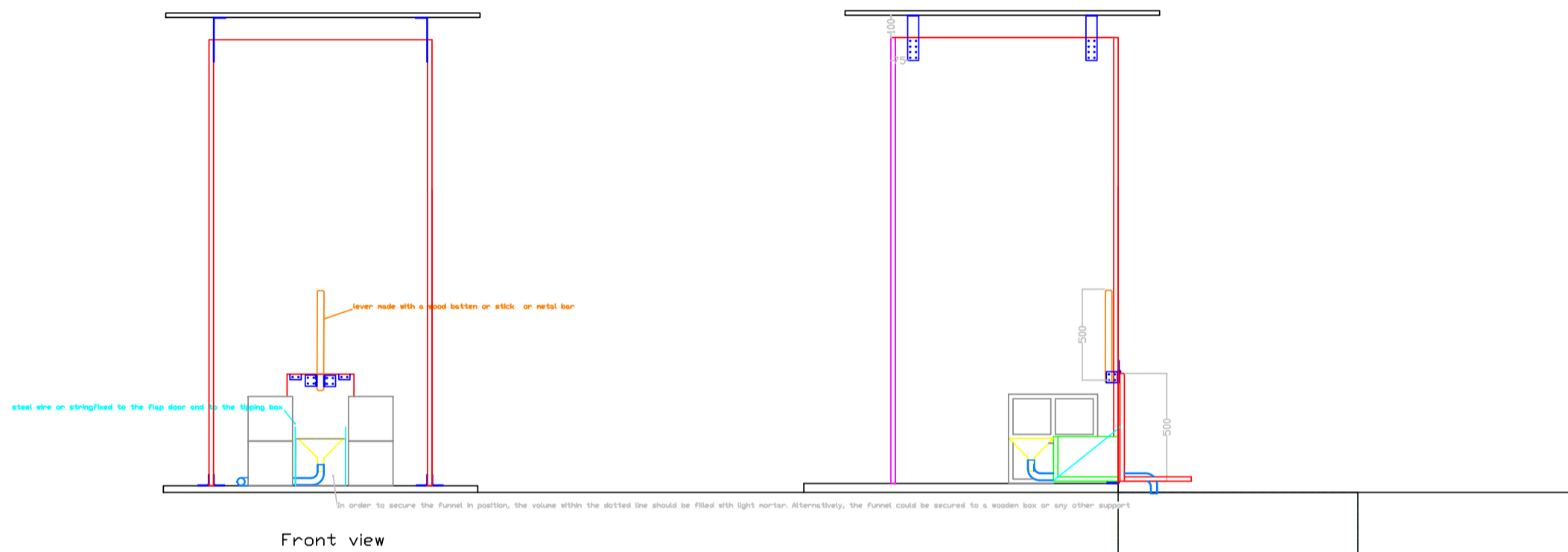to the floor just at the central line
of the back side

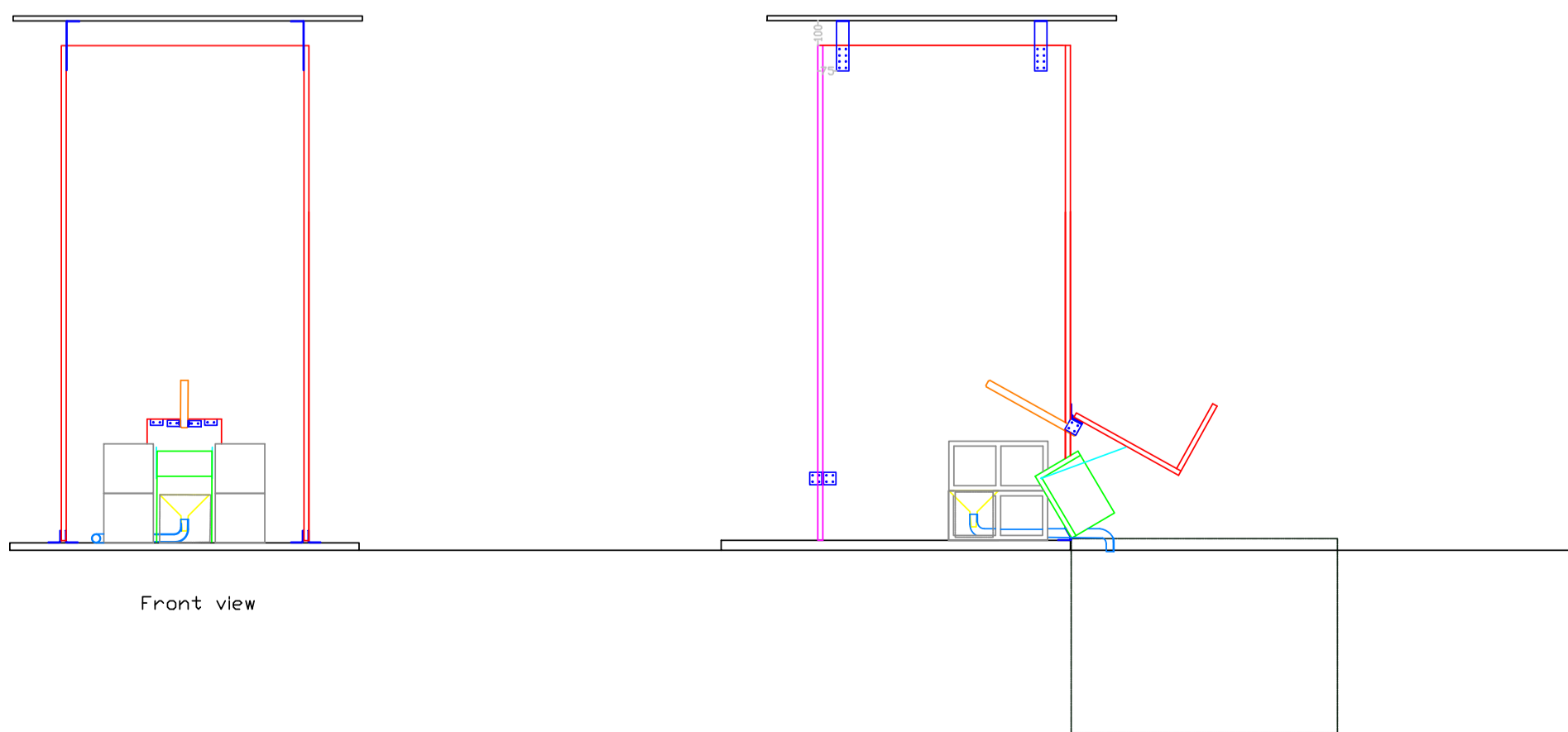Washing basin and waste bin beneath it

concrete blocks 400 x 200 x 200 mm

Min 430, max 550

TOP VIEW

Washing basin and waste bin beneath it

It is possible to adopt a standard WC seat or make one with 50 x 20 mm timber planks

Containment system, see corresponding drawing

A — A

In order to secure the funnel in position, the volume within the dotted line should be filled with light mortar

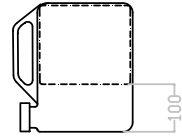|	concrete blocks
	roof and floor panels
	side walls panels
	door panel
	steel brackets and hinges
	box with handle, hinged to the floor

SECTION A-A, box in rest position

lever made with a wood batten or stick or metal bar

steel wire or string fixed to the floor door and to the tipping box

In order to secure the funnel in position, the volume within the dotted line should be filled with light mortar. Alternatively, the funnel could be secured to a wooden box or any other support

Front view

SECTION A-A, box tipped in dump position

Front view

First step: cut a
window on the
jerrycan's side

-100-

bottle hanging from a string, with IV kit inserted to dispense water
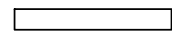
Second step: fix
the jerrycan's
back side to the
wall with 4 screws,
drill a hole in the
top and insert the
tube of the IV kit
in it. Use the top
as a shelf for
placing the soap
on it. Discharge
the used water by
means of a second
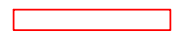IV kit plugged to
the bottom.
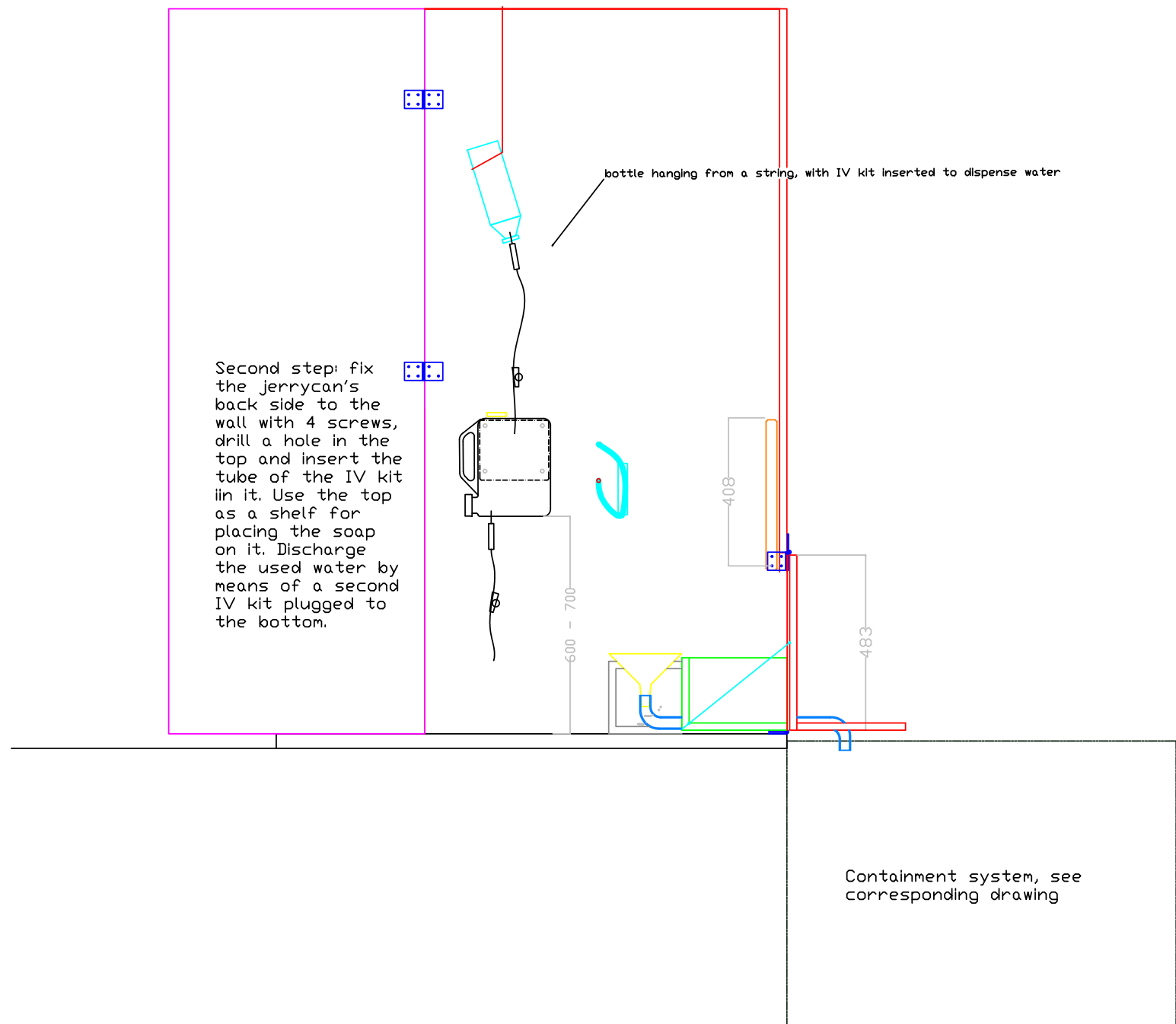
408

483

600 - 700

Containment system, see
corresponding drawing

concrete blocks

roof and floor panels

side walls panels

door panel

steel brackets and hinges

box with handle, hinged to the floor

Containment system, see
corresponding drawing

A   A

concrete blocks

roof and floor panels

side walls panels

door panel

steel brackets and hinges

box with handle, hinged to the floor

bottle hanging from a string, with IV kit inserted to dispense water

soap, toilet paper, etc.

408

483

tube inserted through the wall to discharge water
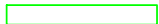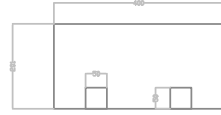
Containment system, see corresponding drawing

A   A
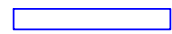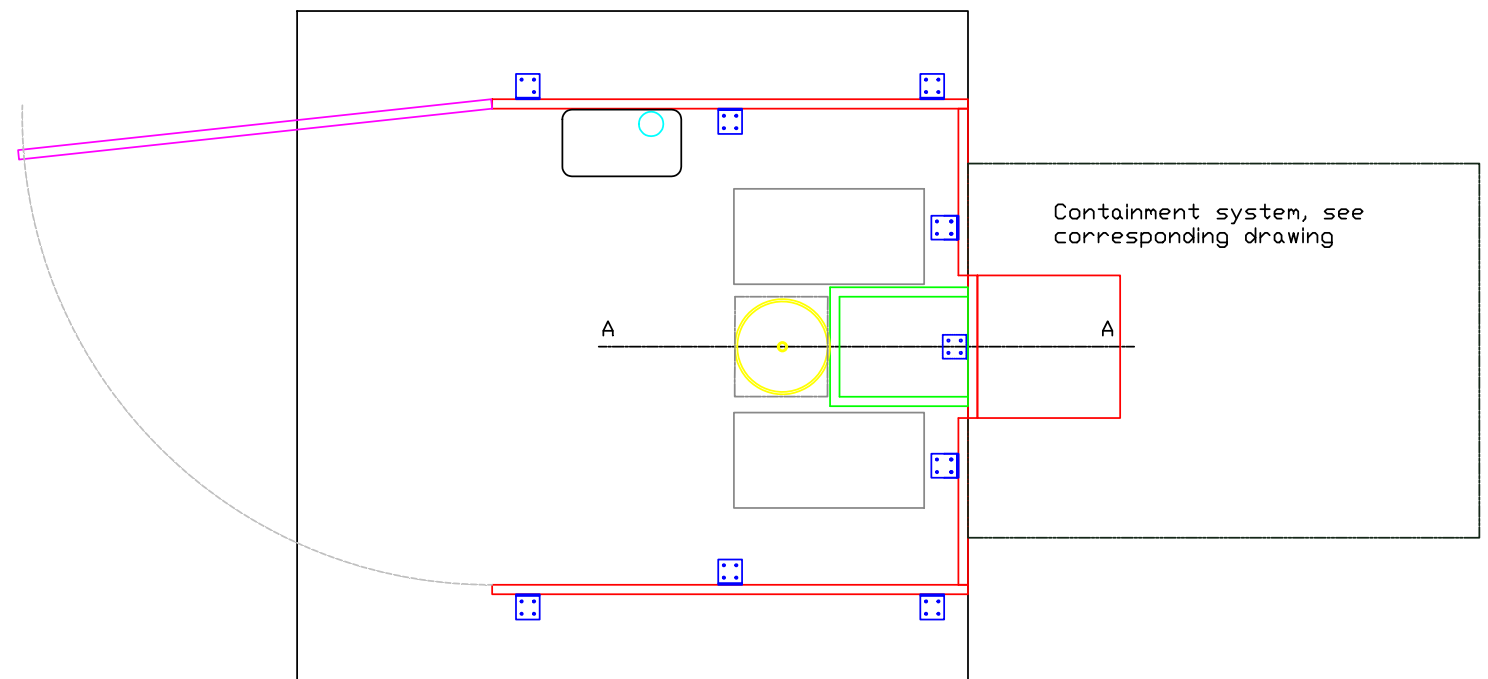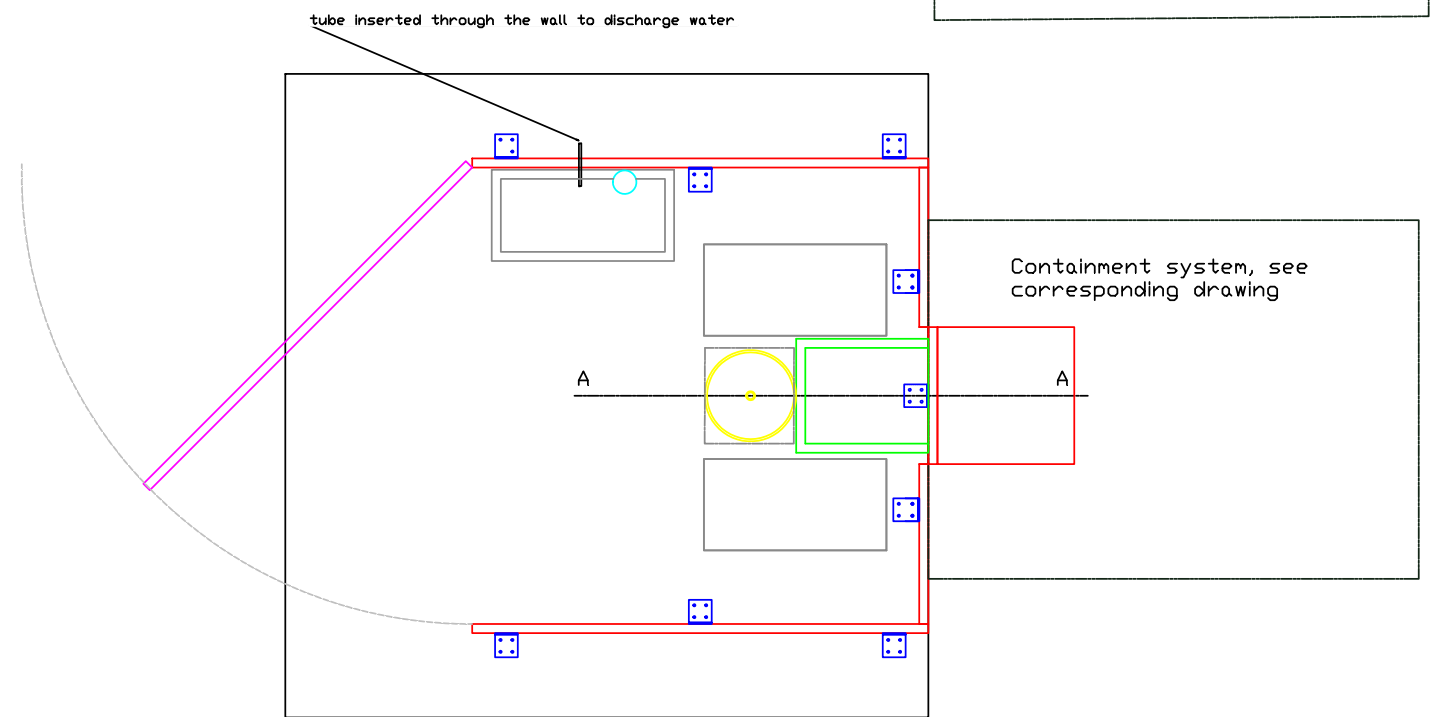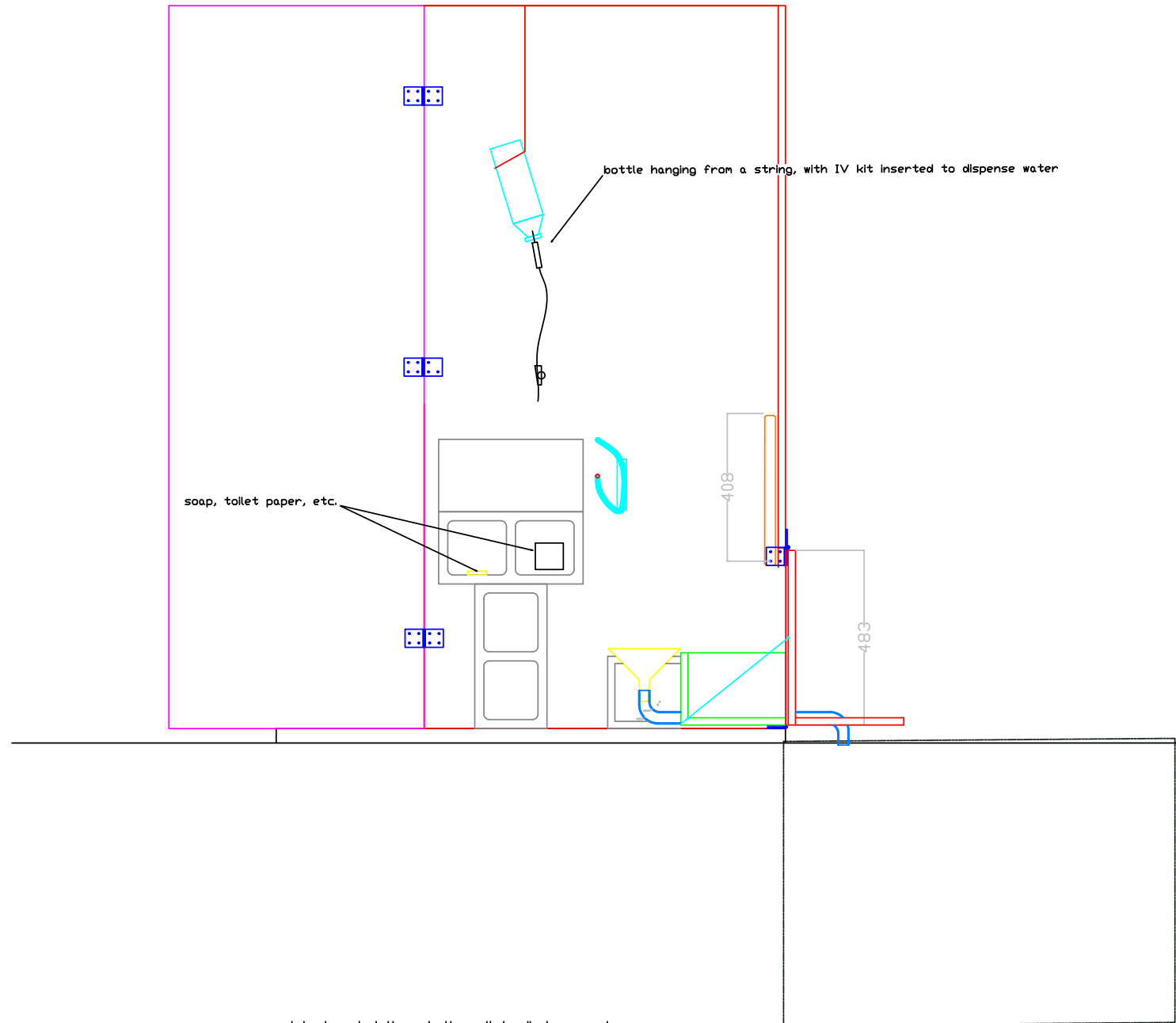
First step: take 8 hollow blocks (40 x 20 x 10 cm) and drill or cut 2 holes (about 5x5 cm) on one side.
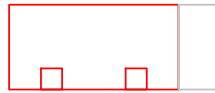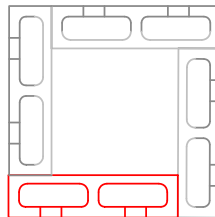
Side view

Top view

Second step: place 4 of the said blocks on a flat floor, the holes facing outside. Three of them must be cemented, the remaining (shown in red) will be mobile.
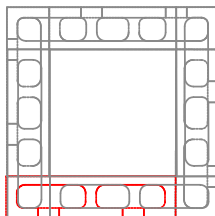
Front view

Top view

Third step: place 4 blocks (no holes) on the first row, as directed.
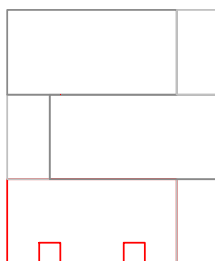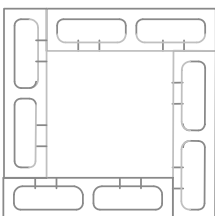Pay attention not to cement the mobile one at the base (shown in red).

Front view

Top view

Fourth step: place the remaining 4 blocks on the tird row, with their holes facing inside.
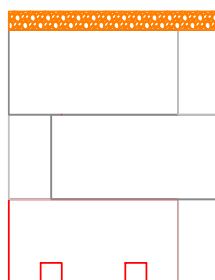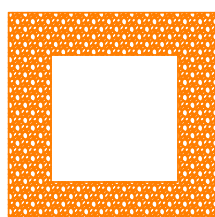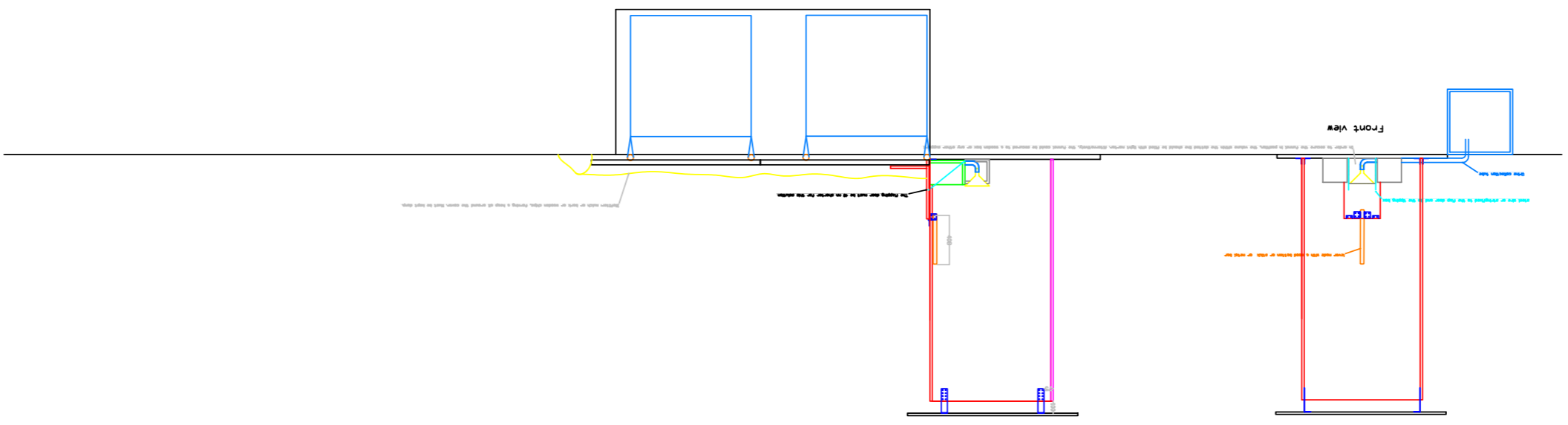
Front view

Top view of the last row

Fifth step: Close the top of the blocks with light mortar, or clay, or some stones

Front view

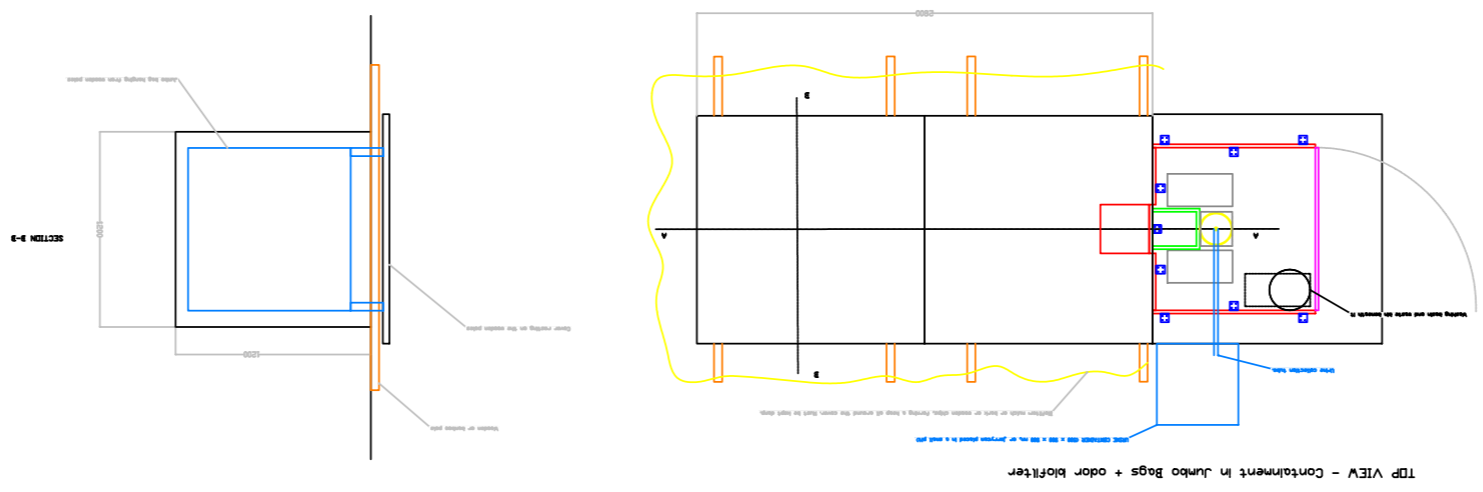Top view of the last row
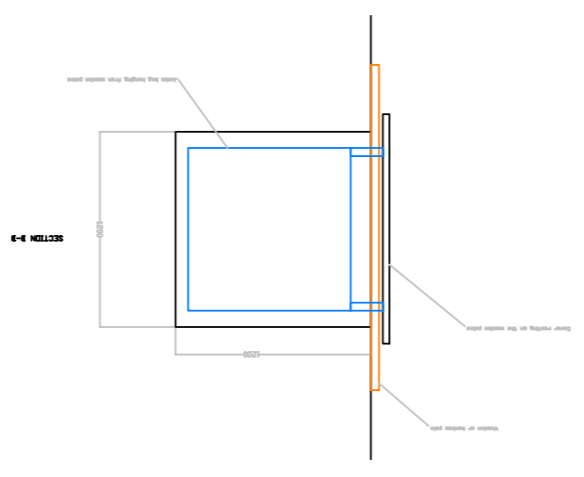
Front view

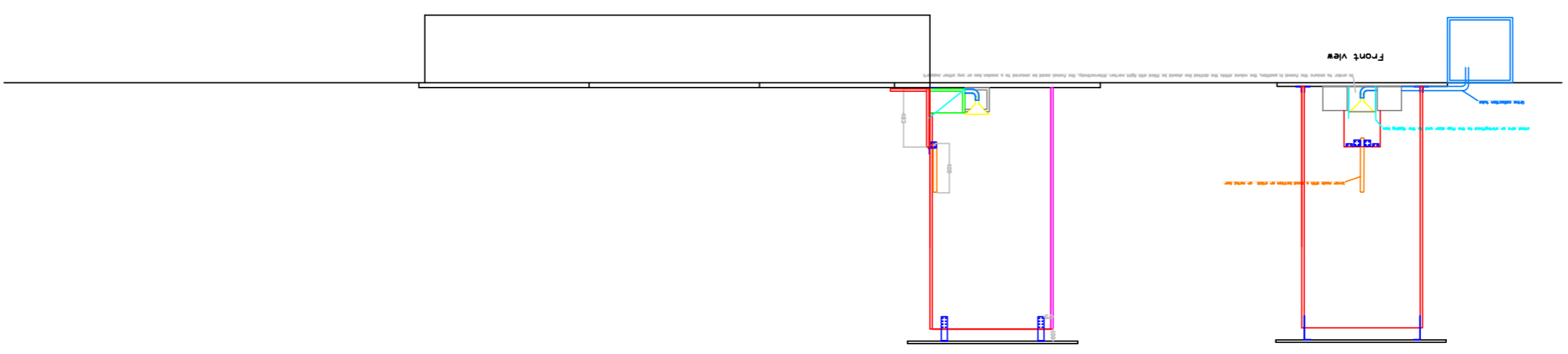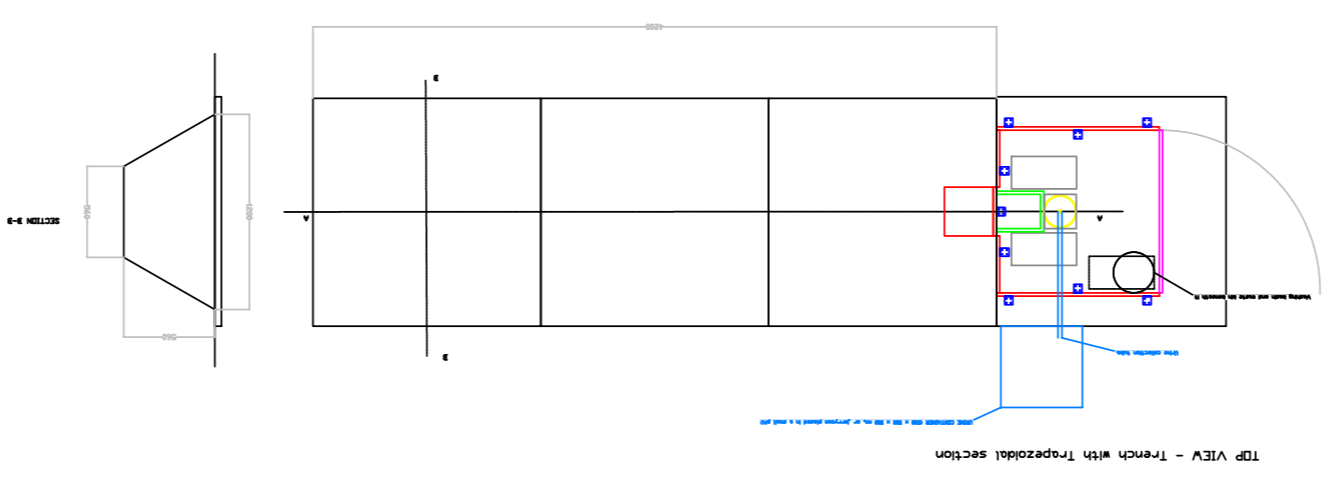SECTION A-A, box in rest position

SECTION B-B

TOP VIEW - Containment in Jumbo Bags + odor blofiter

Front view

SECTION A-A, box in rest position

SECTION B-B

TOP VIEW - Trench with Trapezoidal section