# Scale and render

TASKS

- Understand what a scale bar is.
- Process of rendering
- How to add a scale bar
- Draw a Scale bar

PROJECT OVERVIEW

Scale in architecture is important because it helps to show the true size and proportions of a building or space:

1. Shows Real Size: Scale makes sure that the drawing reflects the actual size of things, understanding how big or small parts of a building really are.

2. Helps Build It Right: Builders use scaled drawings to know the exact size of walls, rooms, windows, etc., so they can build it correctly.

3. Space Planning: Scale helps architects figure out how to arrange spaces, like how big rooms should be or how to fit everything inside the building.

4. Meets Rules: Scaled drawings ensure that the design follows building codes or legal requirements for things like room sizes or building height.
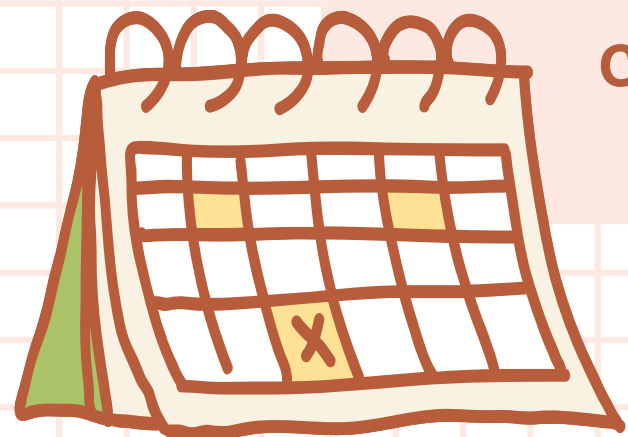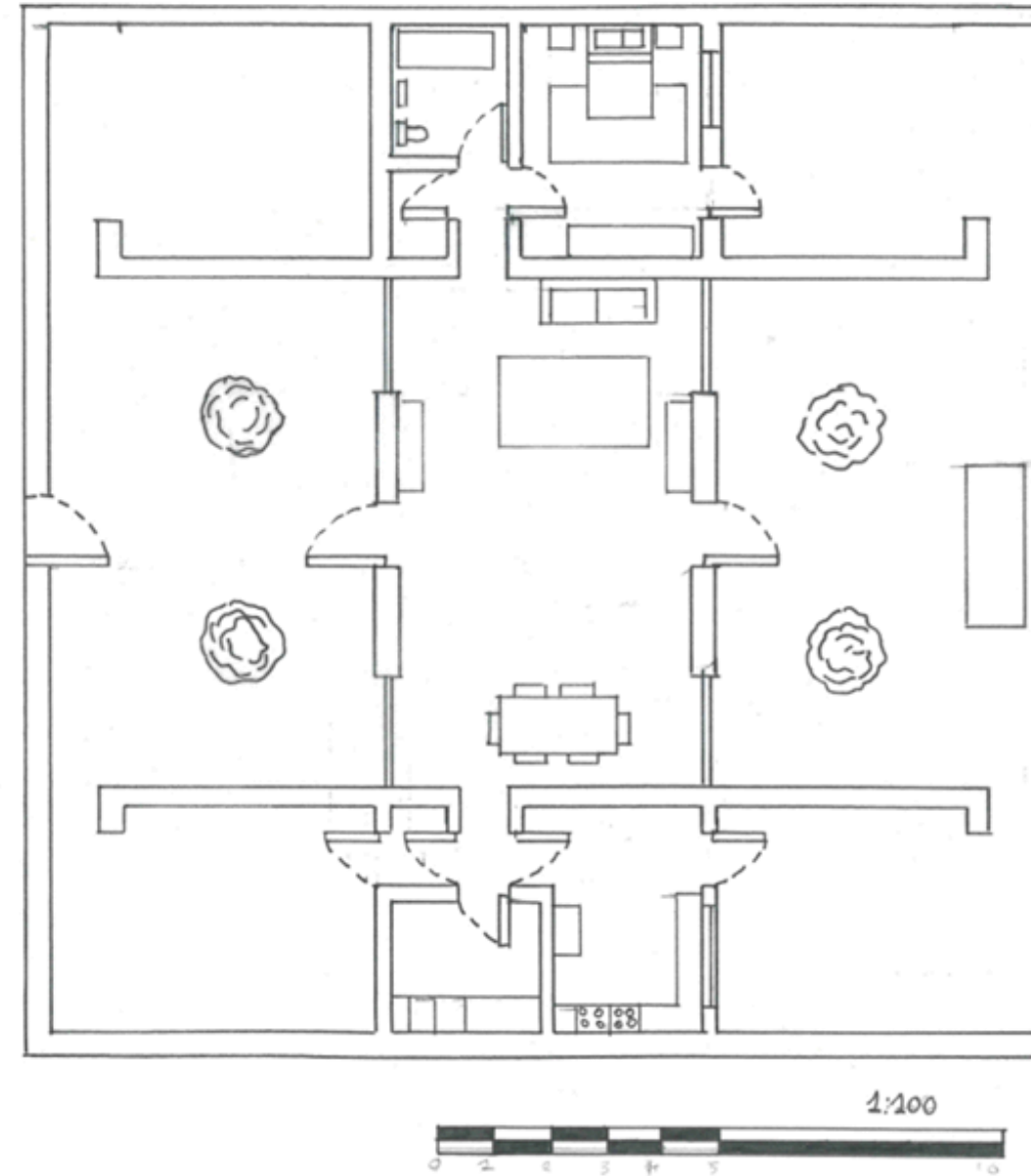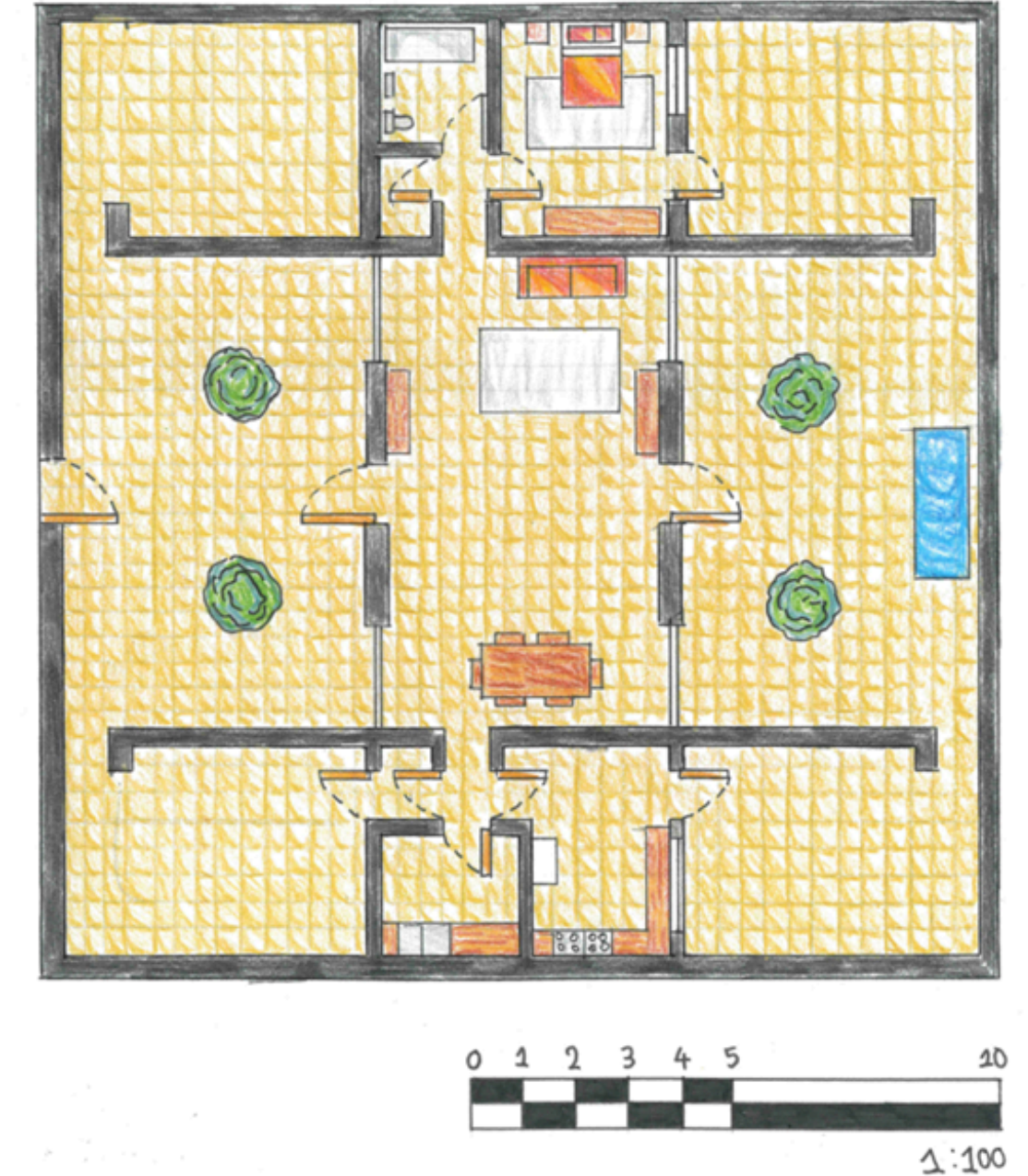
1:100 FLOORPLAN

1. Fine Liner Floor plan
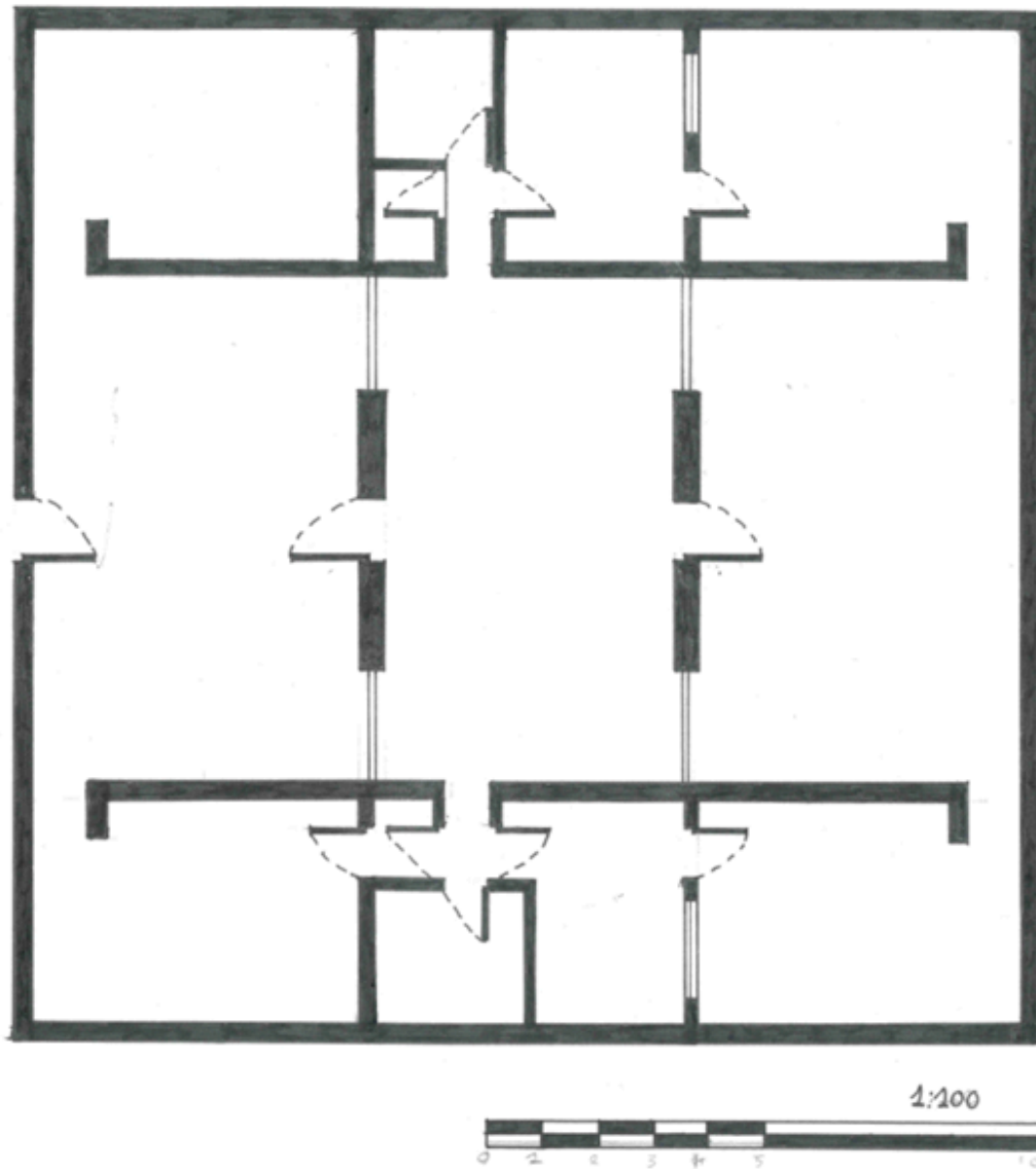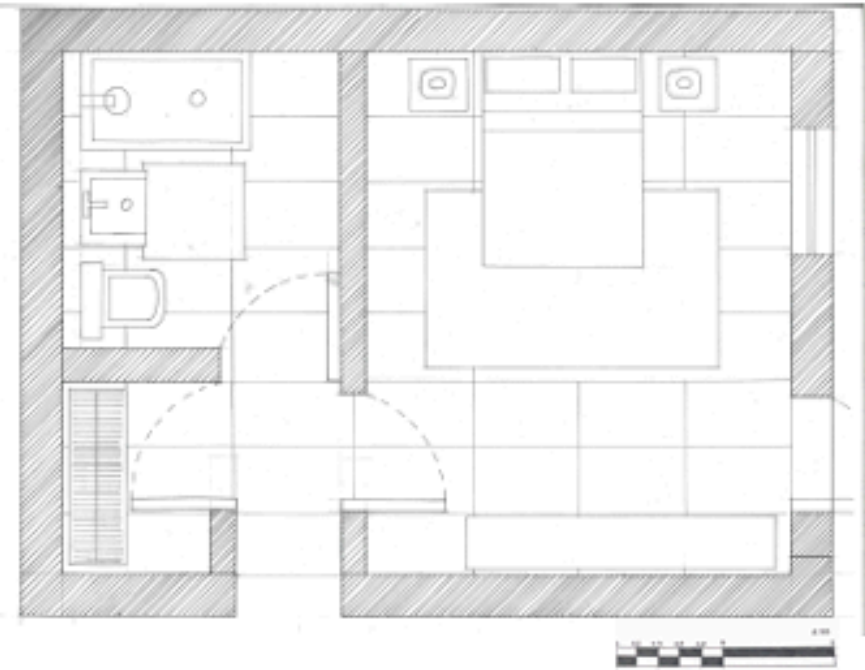
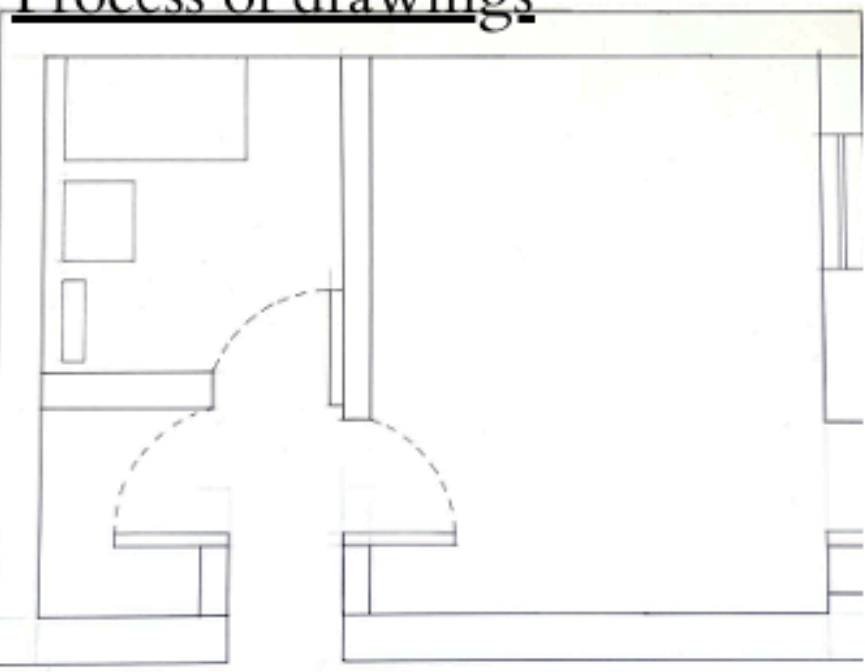

1:100

2. Fine liner drawing with furniture

1:100

3. Fine rendered drawing

0 1 2 3 4 5   10

1:100

1:20 Room Floorplan
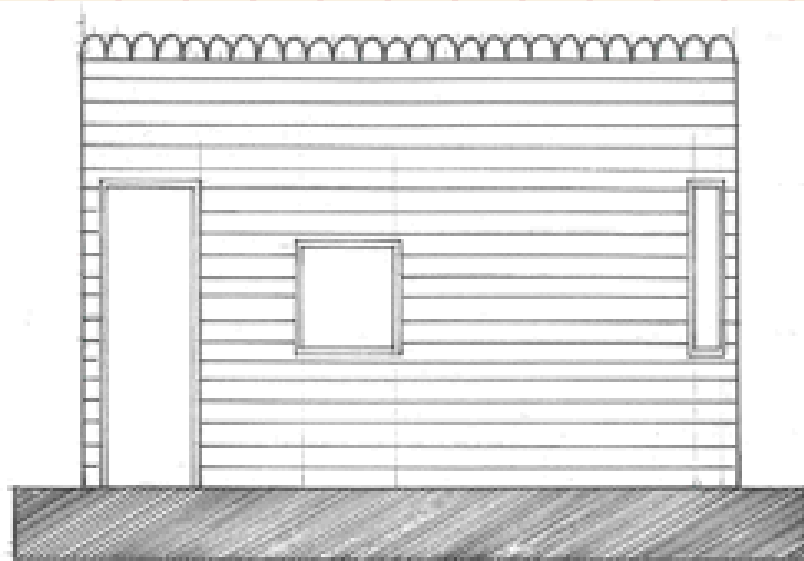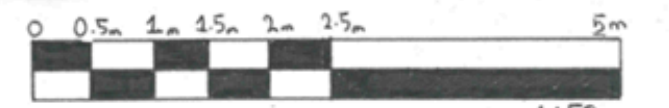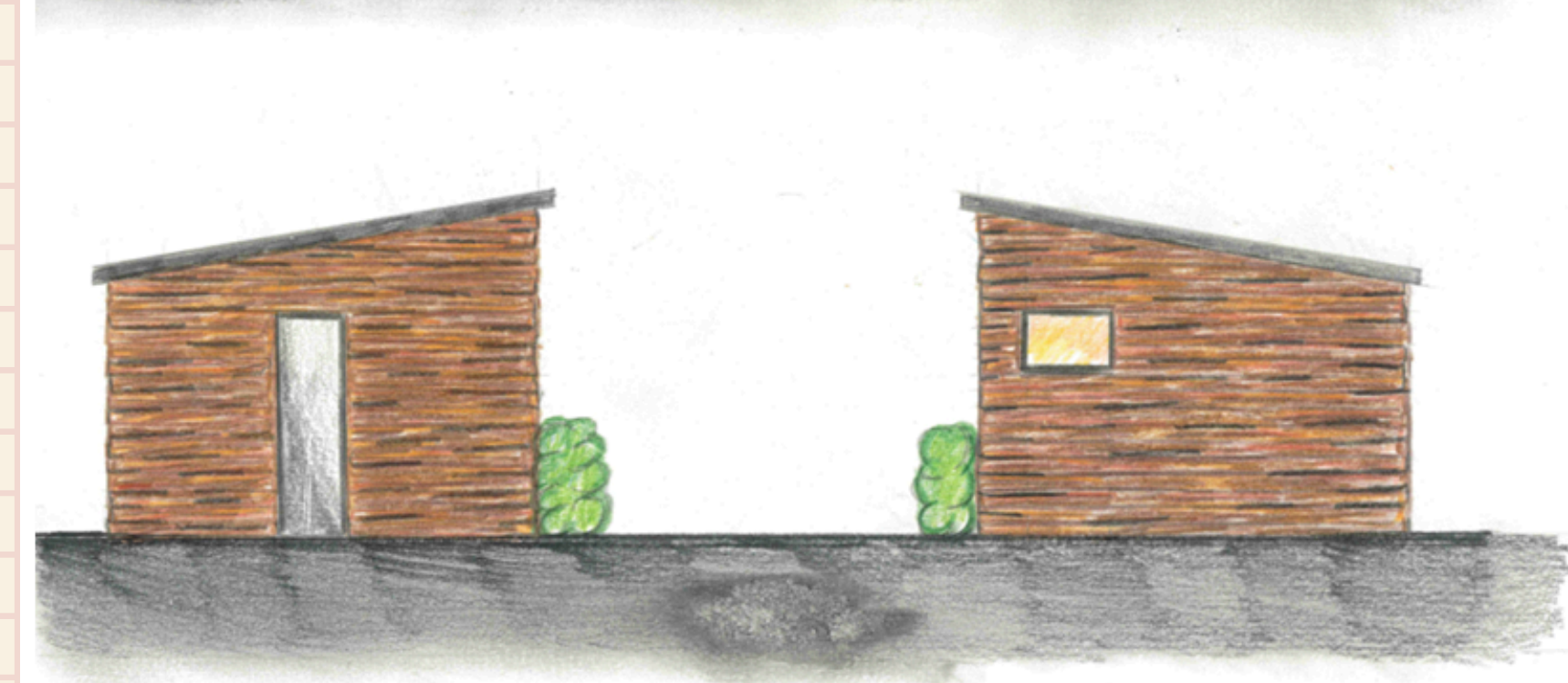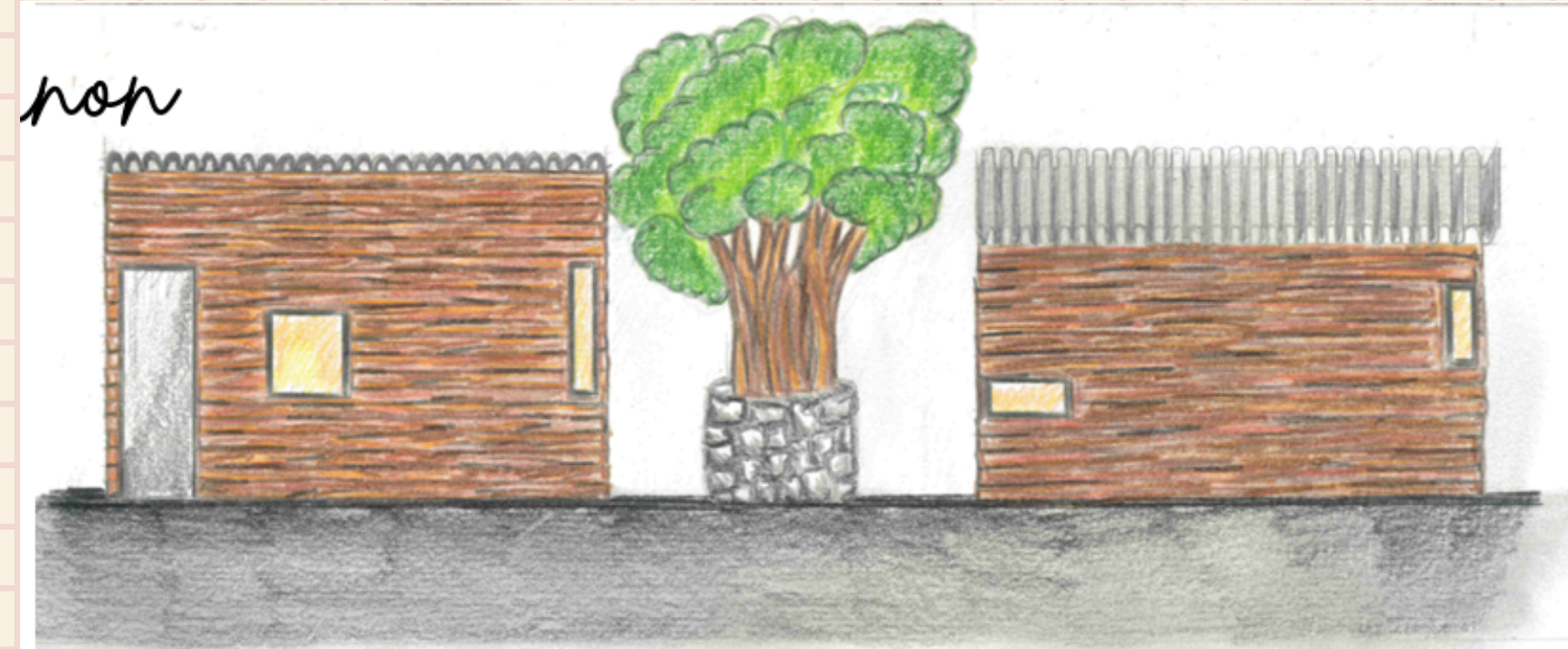
Scaled drawings
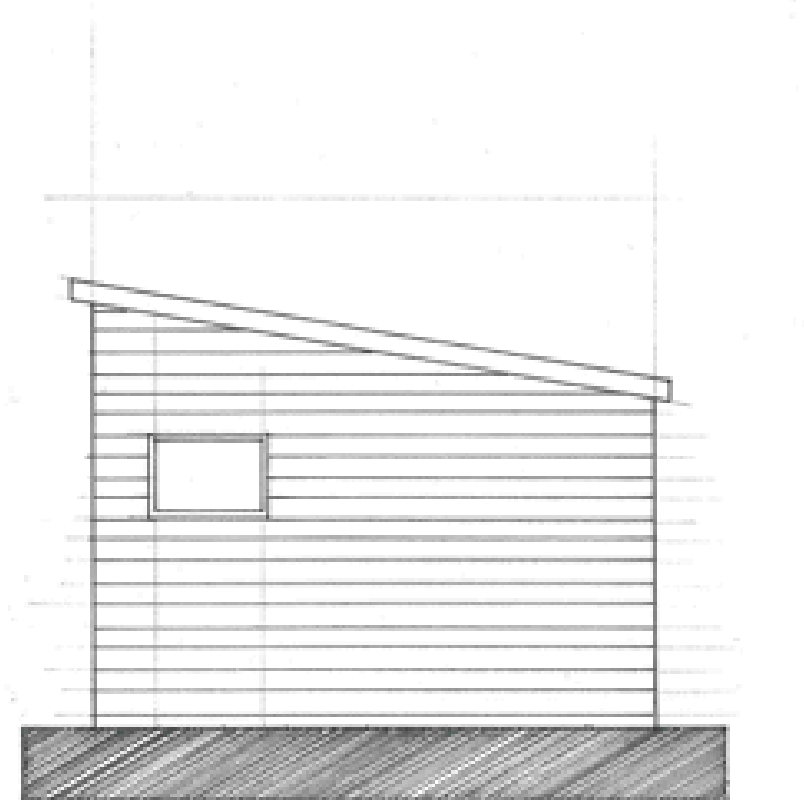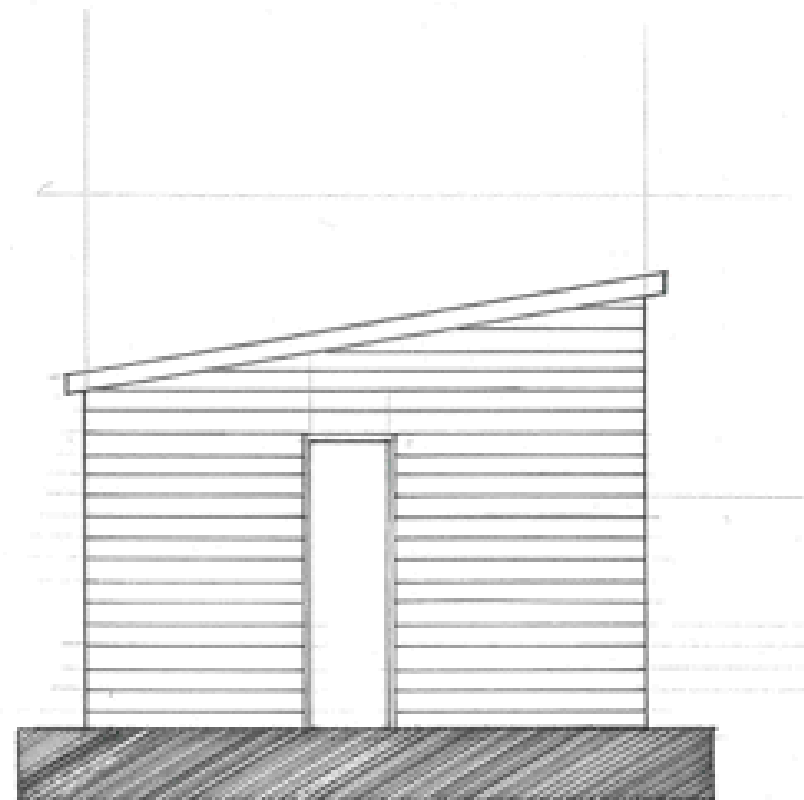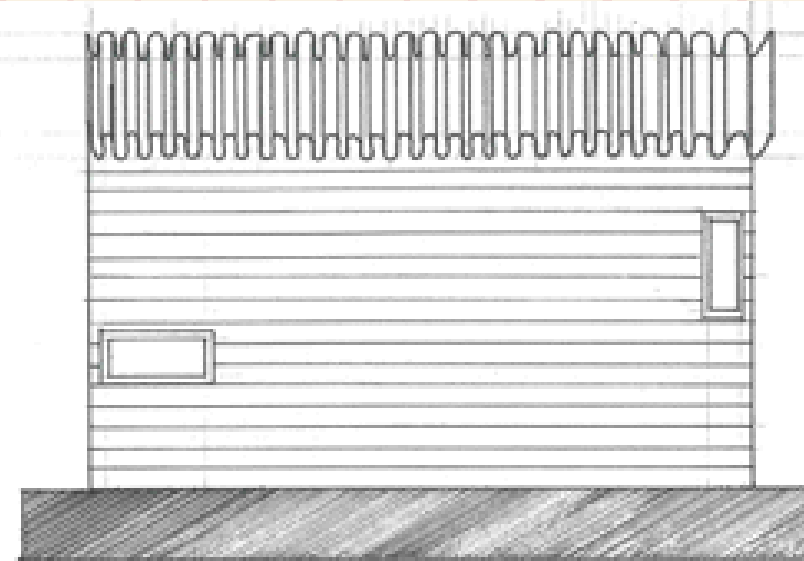
How to Draw a Scale Bar

Goal 1 = 1:100 Scale Bar
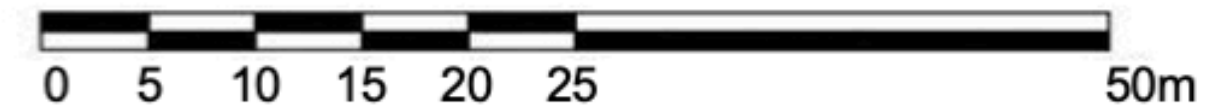
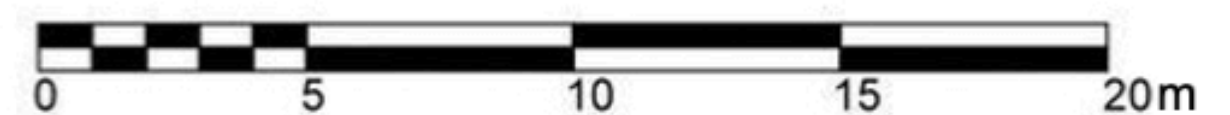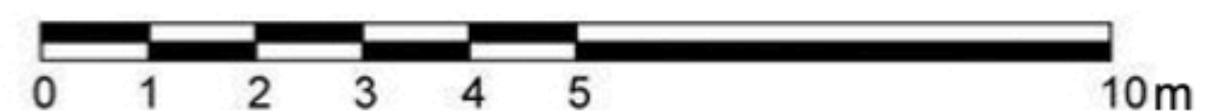Goal 2 = 1:20 Scale Bar

Goal 3 = 1:50 Scale Bar

SCALE 1:2000
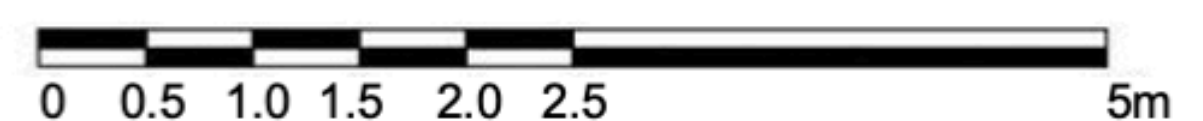
0 20 50 100 200m

SCALE 1:1000

0 10 20 50 100m

SCALE 1:500

0 5 10 15 20 25 50m

SCALE 1:200

0 5 10 15 20m

SCALE 1:100

0 1 2 3 4 5 10m

SCALE 1:50

0 0.5 1.0 1.5 2.0 2.5 5m

SCALE 1:20

0 0.2 0.4 0.6 0.8 1 2m

SCALE 1:10

0 0.1 0.2 0.3 0.4 0.5 1m

SCALE 1:5

0 0.25 0.5m

SCALE 1:2

0 0.1 0.2m

THANKYOU