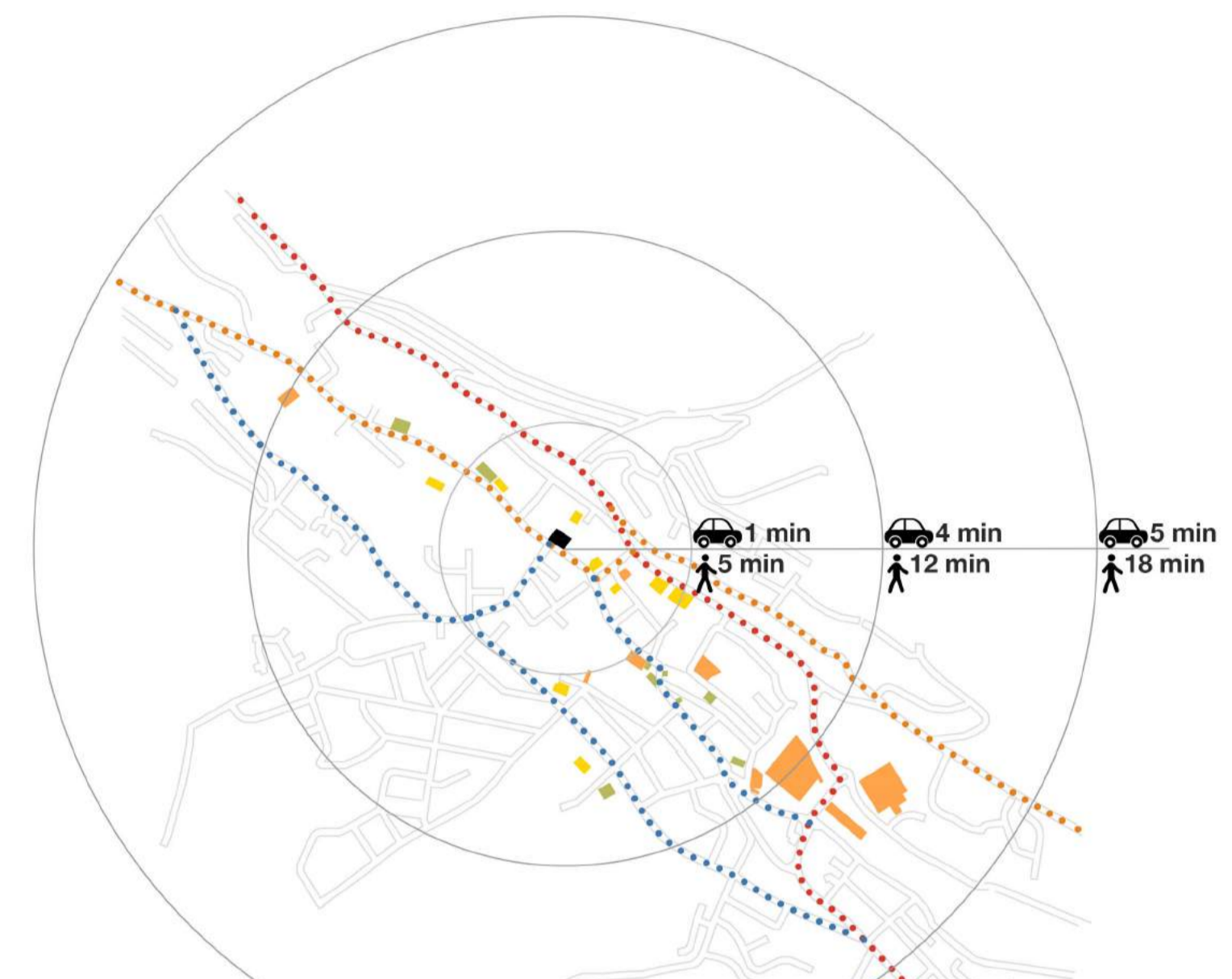
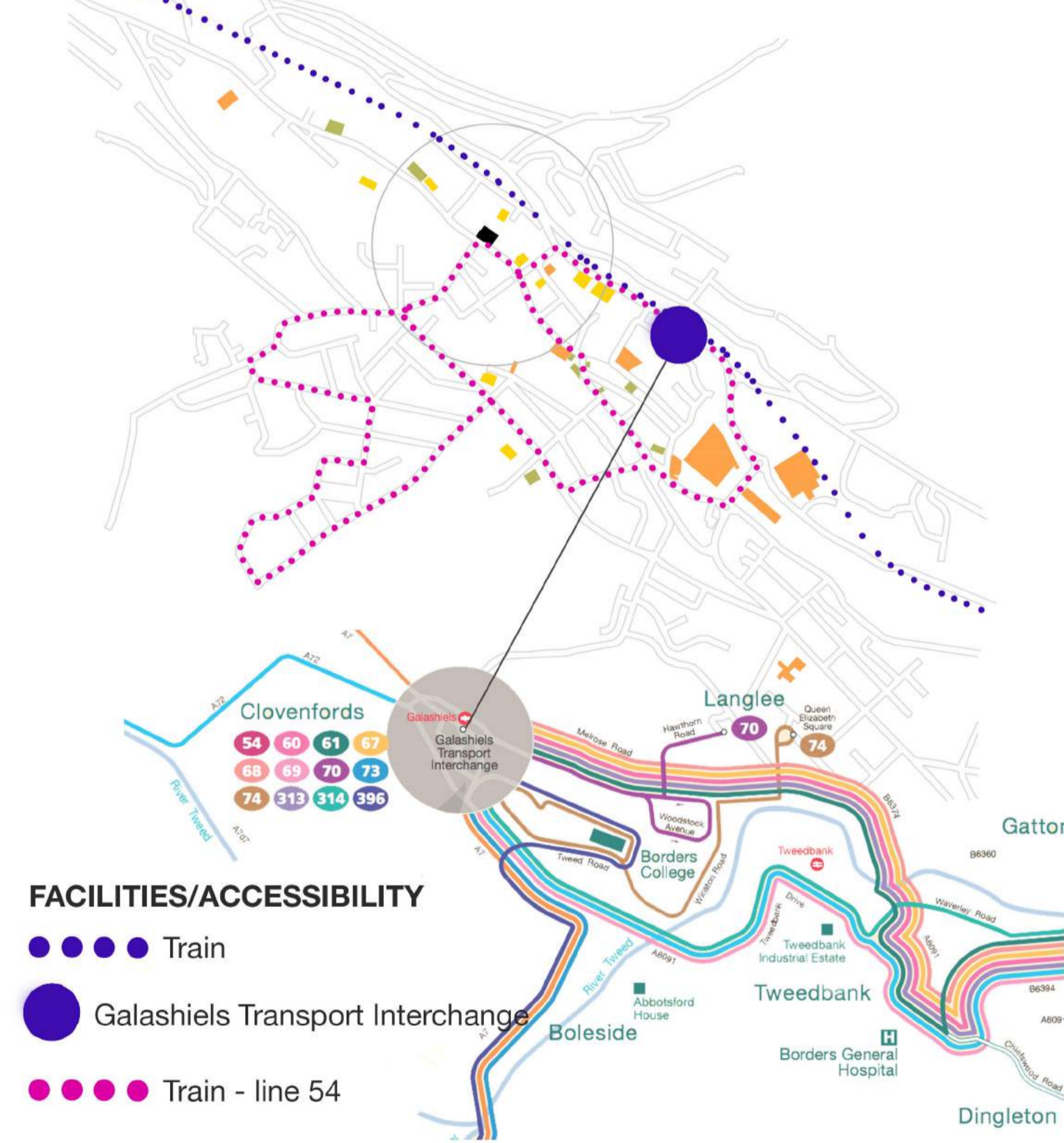


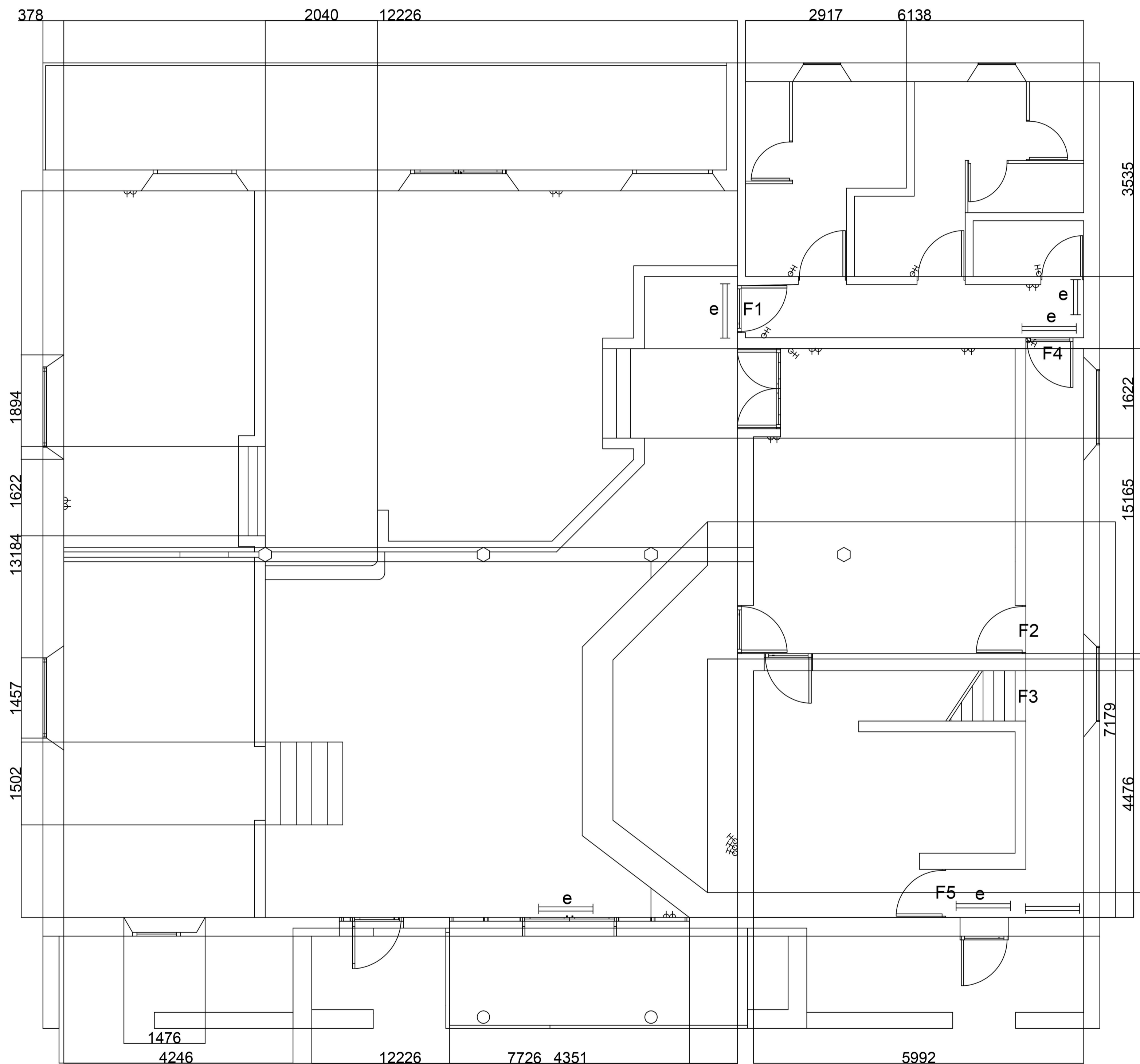
Drawing register and issue sheet			Chelsie Mcnab Jodie Shepherd Marta Jimenez	18/12/2020
Project: Café Recharge, Galashiels				
Drawing category				Page
				1
Drawing Title	Drawing no.	Scale	Size	
Drawing category				
Existing				
Site Analysis map	1	1:5000	A1	2
Site initial floor plan	2	1:50	A1	3
Exterior elevations North – East – South - West	3-4-5-6	1:50	A1	4
Interior elevations North – East – South - West	7-8-9-10	1:50	A1	5
Initial lighting floor plan	11	1:50	A1	6
Proposed				
Proposed demolition plan	12	1:50	A1	7
Proposed floor plan	13	1:50	A1	8
Location plan section line Section A-A Section B-B	14-15-16	1:50	A1	9
Location plan section line Section C-C Section D-D	17-18-19	1:50	A1	10
Proposed ceiling grid detail	20	1:50	A1	11
Assembly of box detail	21-22-23		A1	12
Assembly of box detail	24-25		A1	13



- FACILITIES/ACCESSIBILITY**
- Site
 - Supermarkets/shops
 - Community centers
 - Cafes
 - A7
 - Main roads
 - Secondary roads



DRAWING TITLE	Scale 1:5000
Drawing 1 Site analysis map	
Project Café Recharge, Galashiels	Chelsie Mcnab Jodie Shepherd Marta Jimenez



Existing floor plan

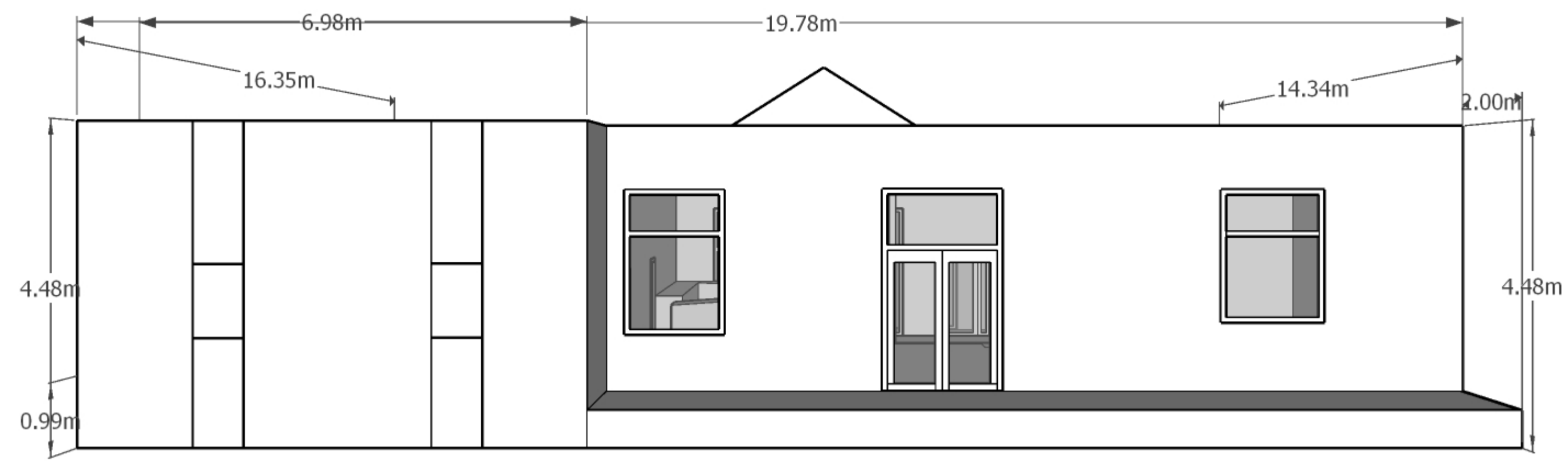
South
Entrance single door to the left
exit through double door on the
right and far right delivery and
staff entrance
North
Exit to balcony

Ventilation
Male and female toilets
vent fan extract units venting
through roof.

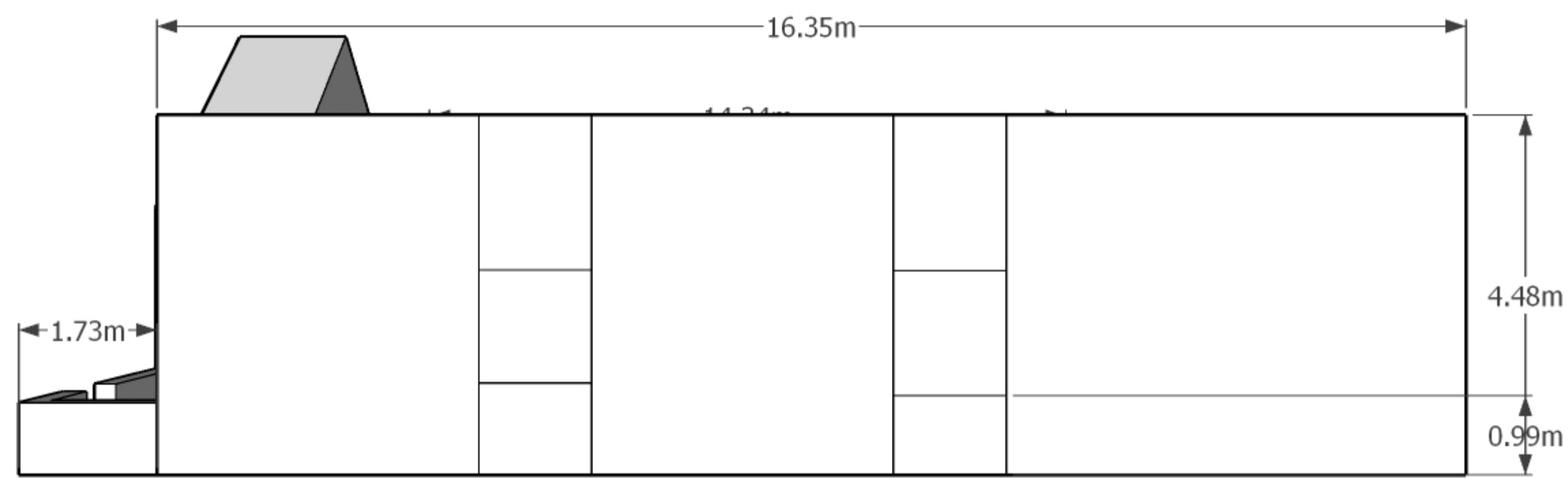
Kitchen: Intake fan ceiling
mounted - free ventilation
with fan assistance, intake
ventilator roof mounted.
Air ventilator through roof
termination unit to provide
permanent ventilation to gas
boiler.

Fire escape adjacent to toilet
areas - corridor to east side of
kitchen to be a fire escape
corridor, existing walls are lath
and plasters 13mm plaster.

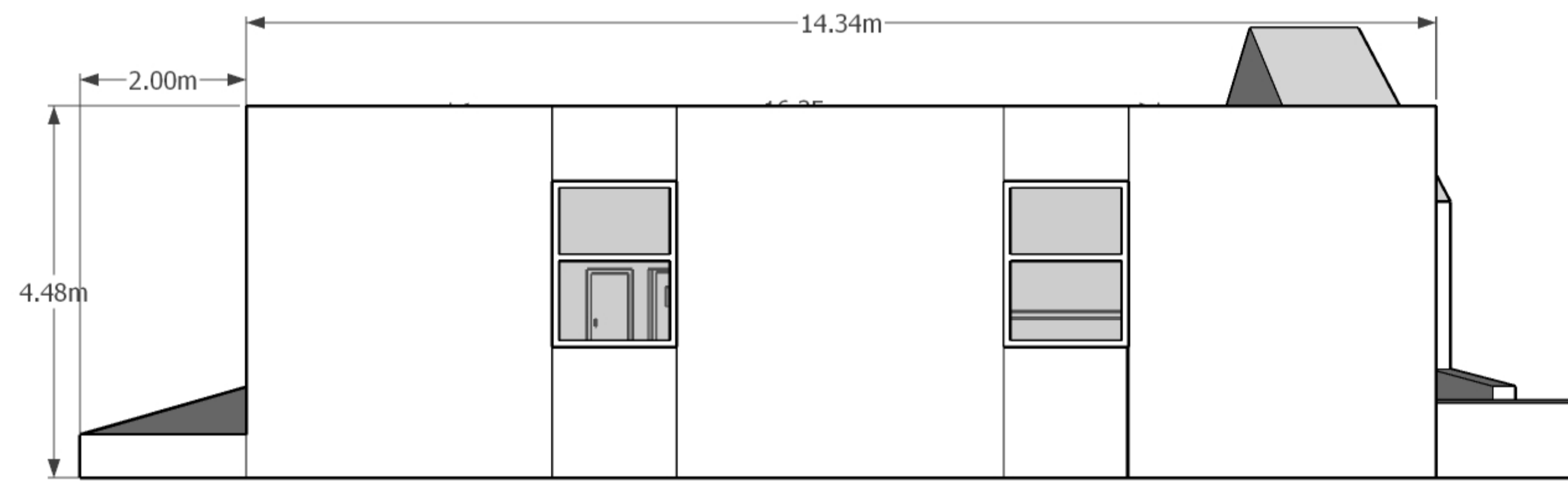
DRAWING TITLE	Scale 1:50
Drawing 2 Site Initial floor plan	
Project Café Recharge, Galashiels	Chelsie Mcnab Jodie Shepherd Marta Jimenez



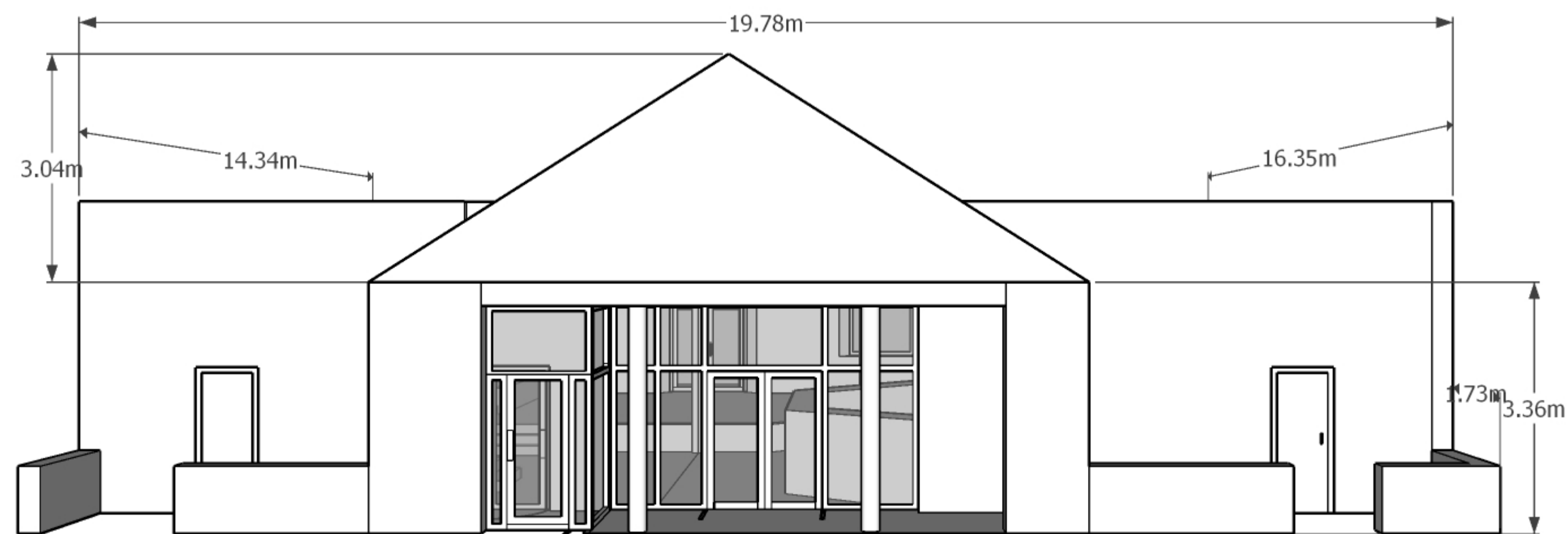
North Elevation



East Elevation

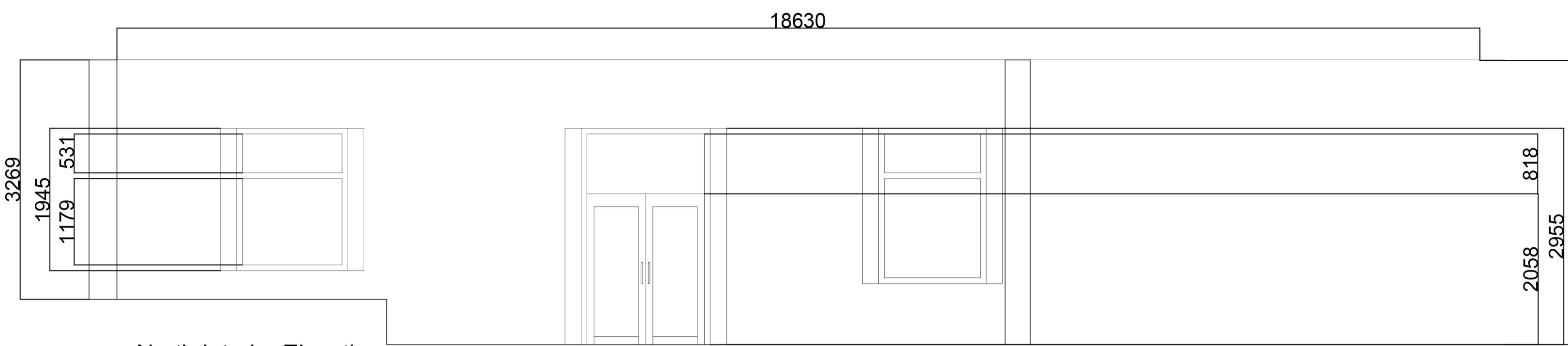


West Elevation

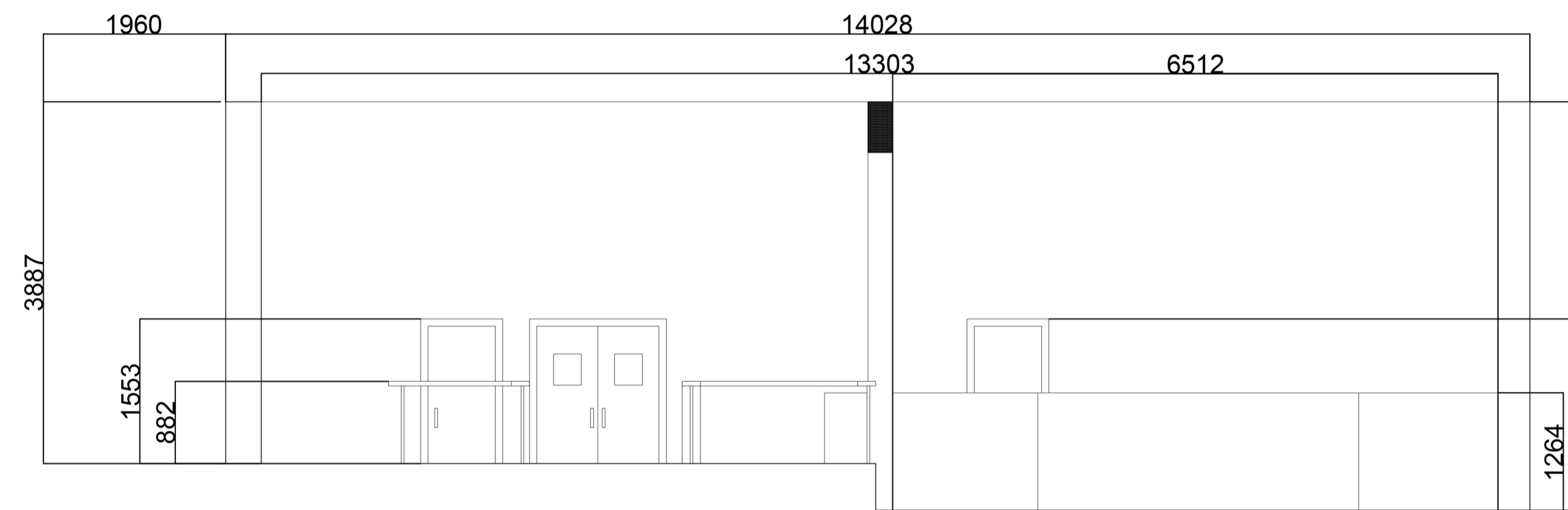


South Elevation

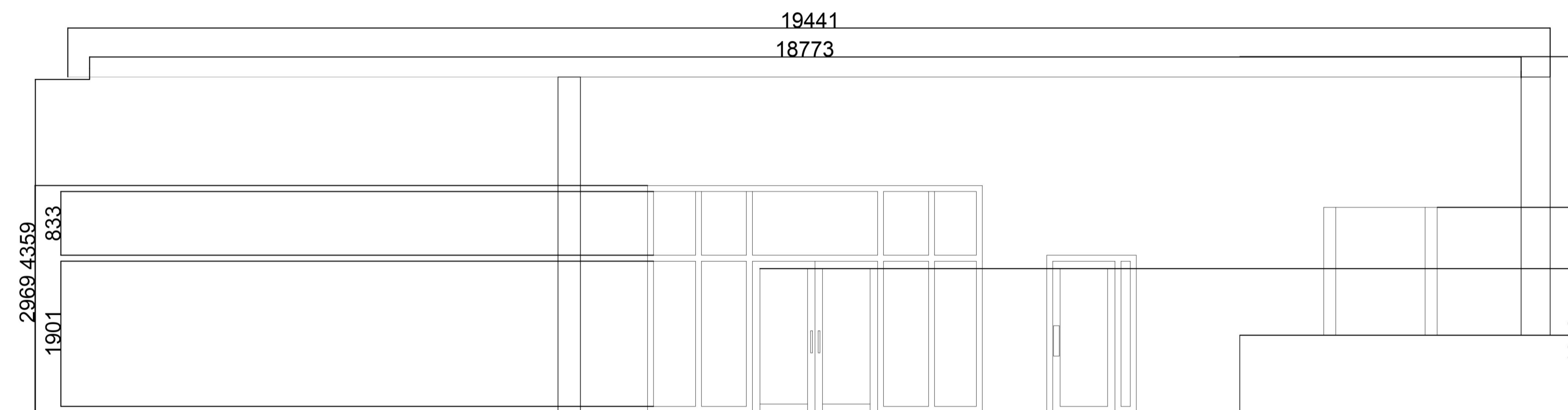
DRAWING TITLE	Scale 1:50
Exterior Drawing 3 North elevation Drawing 4 East Elevation Drawing 5 South Elevation Drawing 6 West Elevation	
Project Café Recharge, Galashiels	Chelsie Mcnab Jodie Shepherd Marta Jimenez



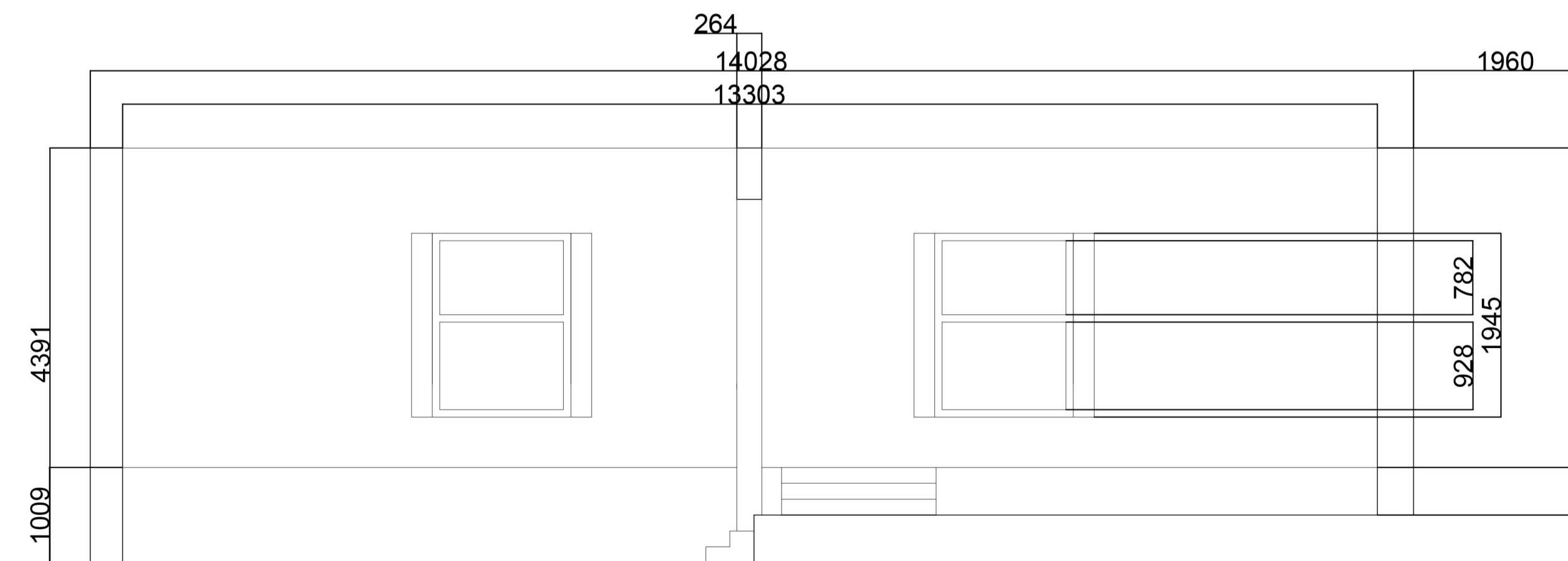
North Interior Elevation



East Interior Elevation



South Interior Elevation



West Interior Elevation

Existing interior elevation

Site survey

South elevation

The entrance is located on the right side of the elevation it is a single system door. Following on from the right an alcove is present within the wall on the upper level of the elevation.

Regarding the main exit which consists of a two door opening, located near the bar and ground level upon arrival.

North elevation

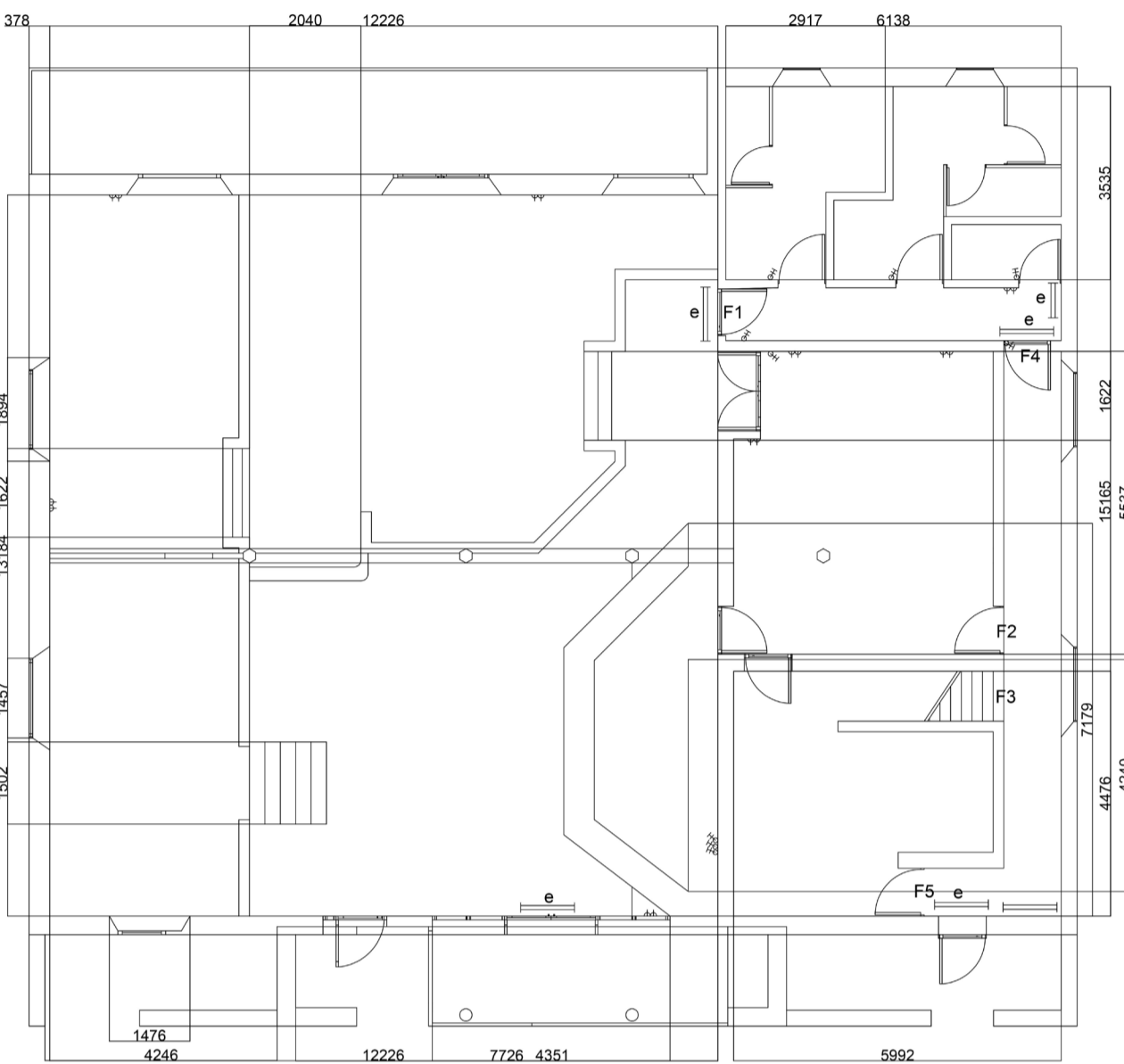
Consists of a two door system opening out to the balcony overlooking the river tweed.

Along this elevation two large windows located at either side of the exit. The bathroom also consists of 1 small window per bathroom.

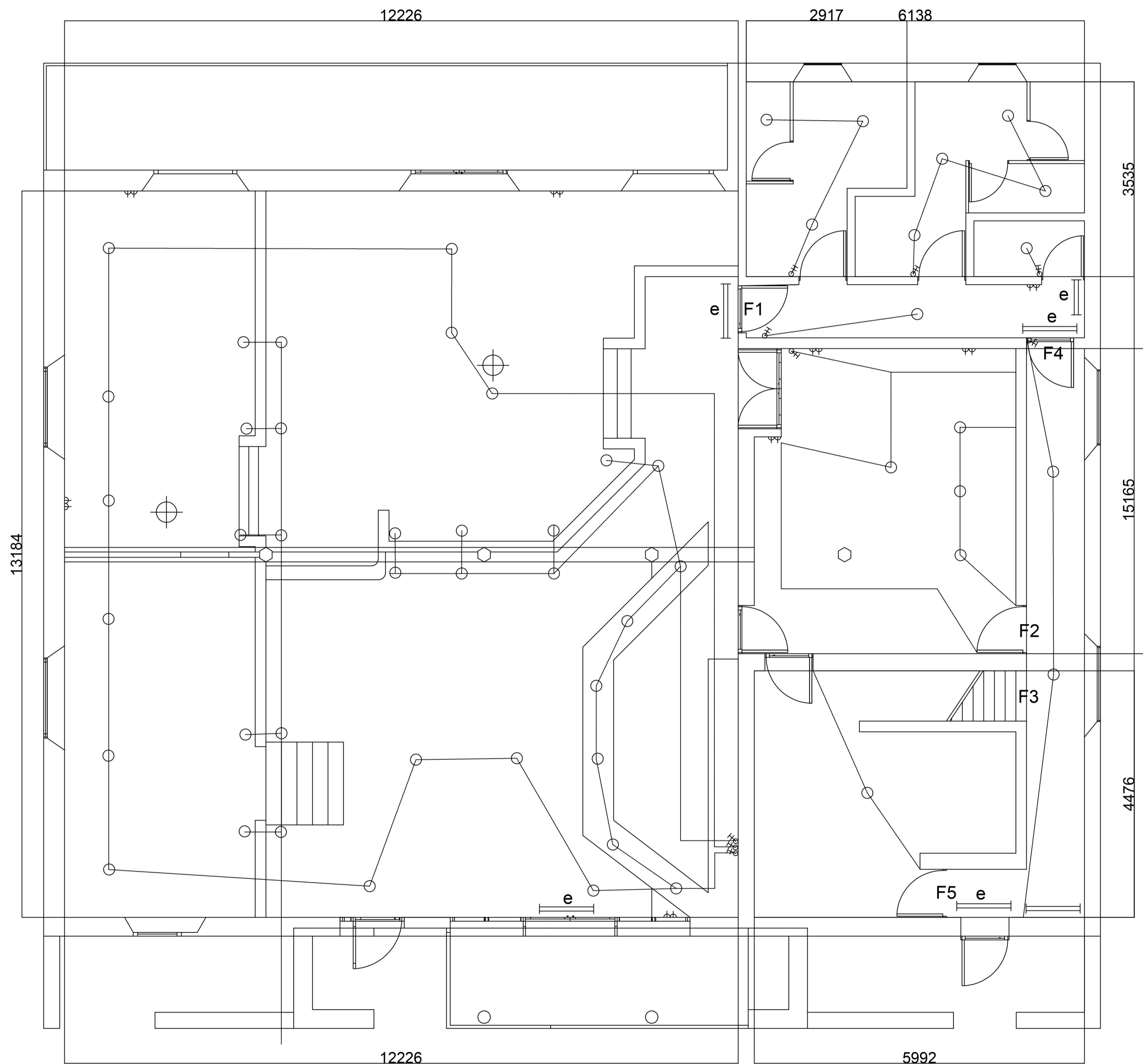
East elevation

Central of this elevation is the entrance to the bathrooms and to the kitchen serving counter.





The bar also is located to the right side of the elevation nearby the exit.



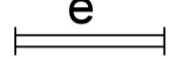
DRAWING TITLE	Scale 1:50
Interior Drawing 7 North elevation Drawing 8 East Elevation Drawing 9 South Elevation Drawing 10 West Elevation	
Project Café Recharge, Galashiels	Chelsie Mcnab Jodie Shepherd Marta Jimenez



Electrics layout

- 2 way switch 
- 26 13 AMP 550 
- Luminaire 
- Emergency light 

INDICATION OF EXITS

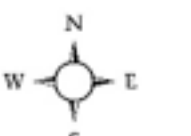
-  fire exit

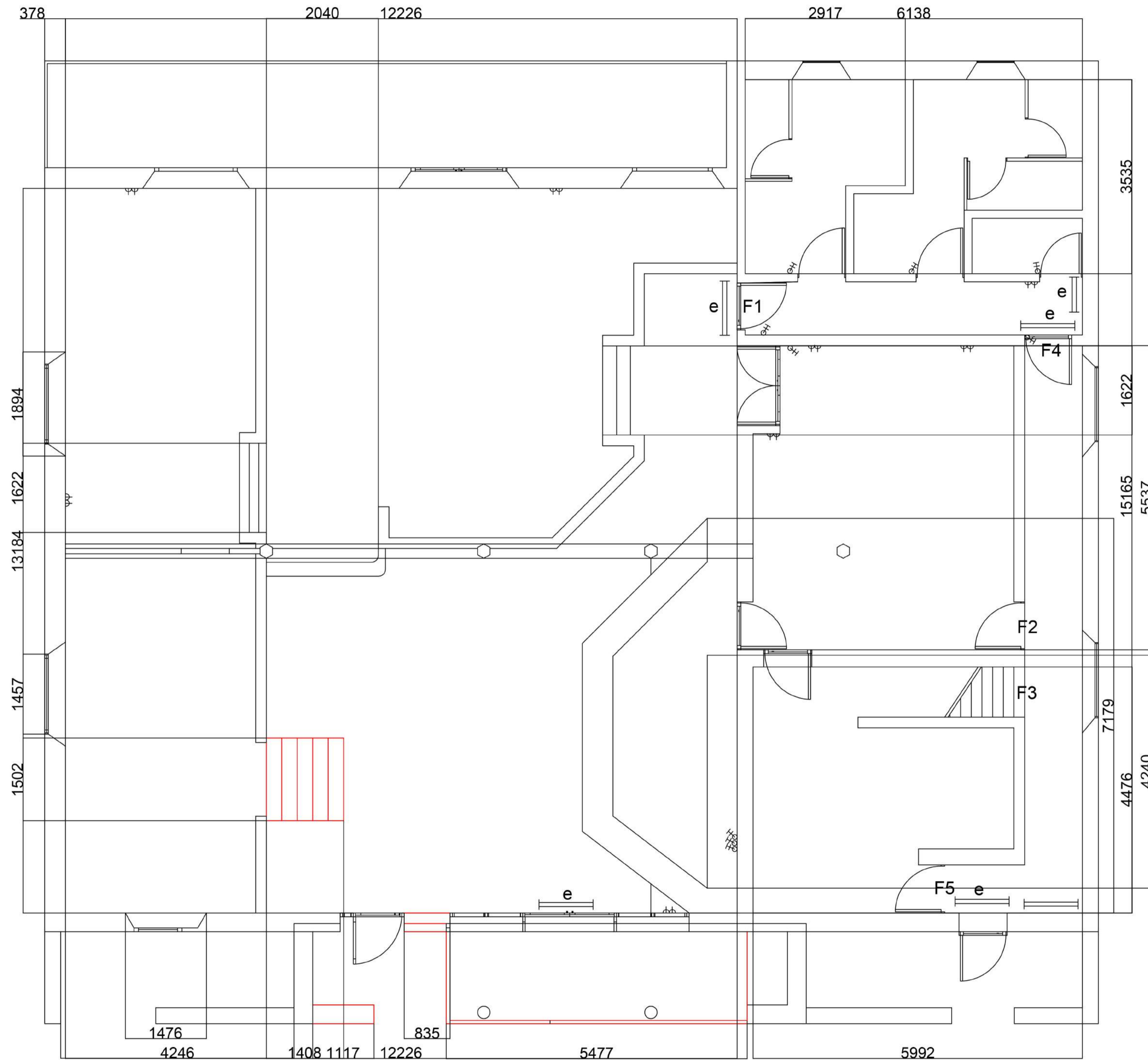
FIRE DOOR SCHEDULE

The following fire doors F1 to F6 made to 1hr fire resistance.

- F1 924x2040x44
- F2 824x2040x44
- F3 724x1940x44
- F4 924x2040x44
- F5 824x1940x44

Door frames to all the above doors to have 25mm thick glued + screwed stops.

DRAWING TITLE	Scale 1:50
Initial lighting floor plan Drawing 11	
Project Café Recharge, Galashiels	Chelsie McNab Jodie Shepherd Marta Jimenez

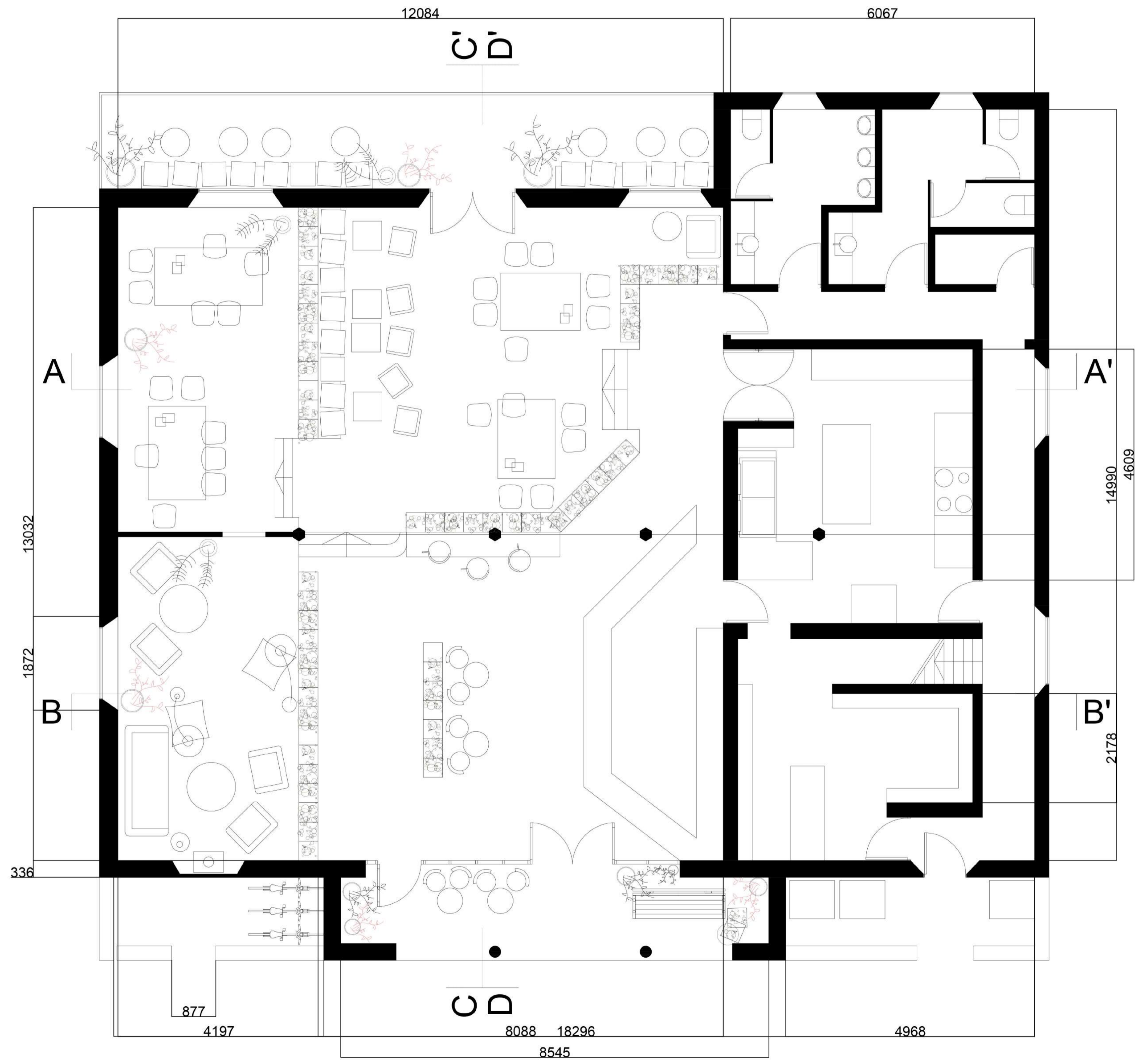


Demolition plan

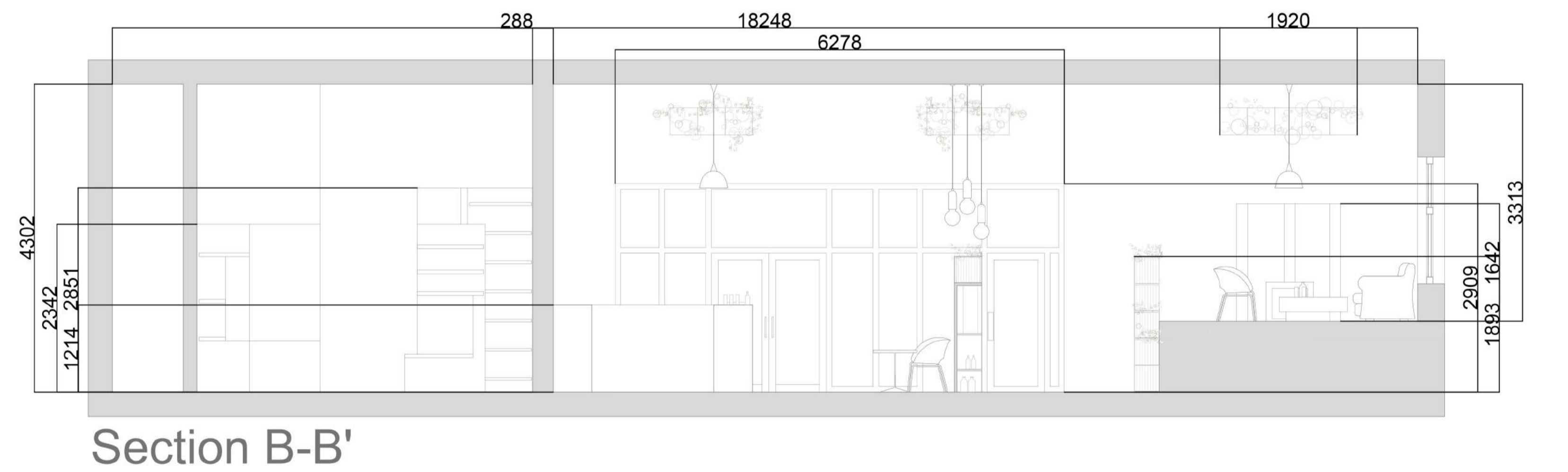
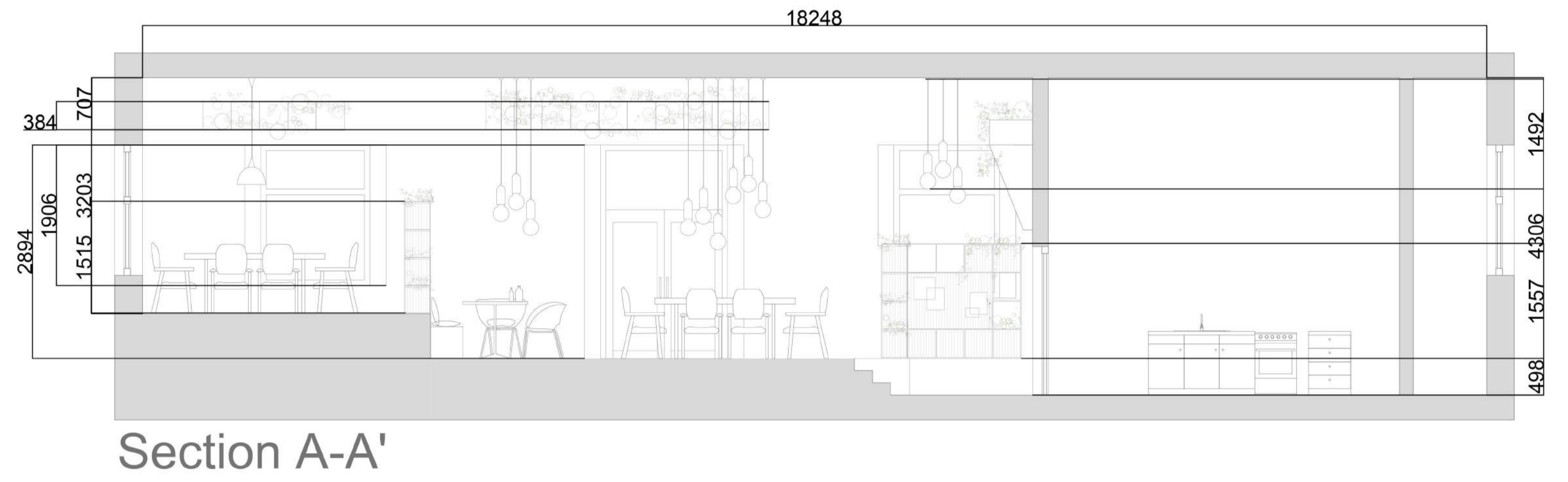
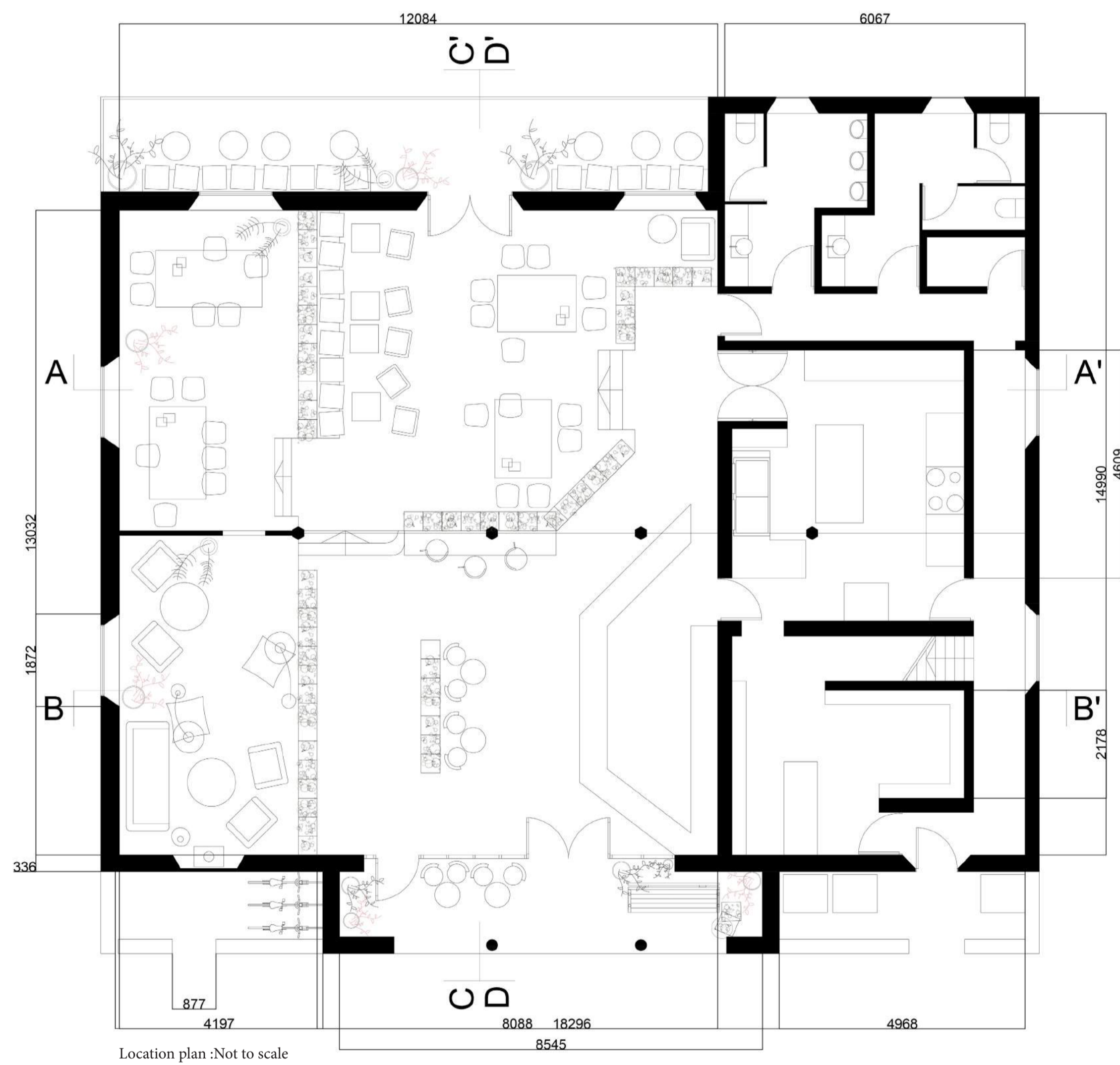
Everything highlighted in red on the existing floor plan is to be demolished

- South
In relation to the south wall, the original entrance located left of the plan prevents a lot of natural sunlight with the wall being in between the two door systems, the exterior wall before the entrance will also be removed. Removal of the railings is a requirement from cafe recharge
- West
Regards to the stairs on the west side of the building the flow for the cafe is irregular therefore, a more coherent circulation is necessary by removing the stairs and placing the design concept within this area.

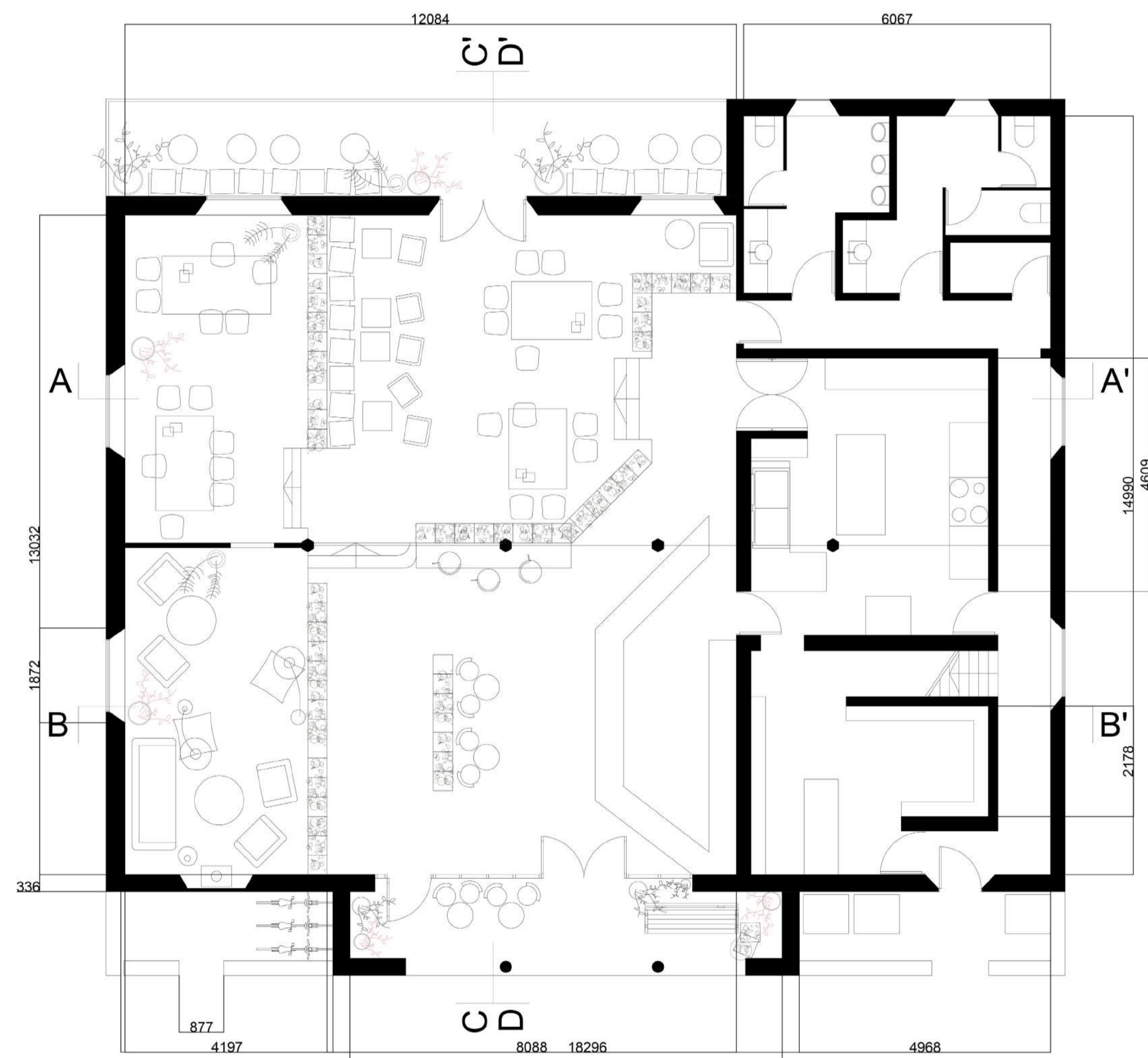
DRAWING TITLE	Scale 1:50
Proposed demolition plan Drawing 12	
Project Café Recharge, Galashiels	Chelsie McNab Jodie Shepherd Marta Jimenez



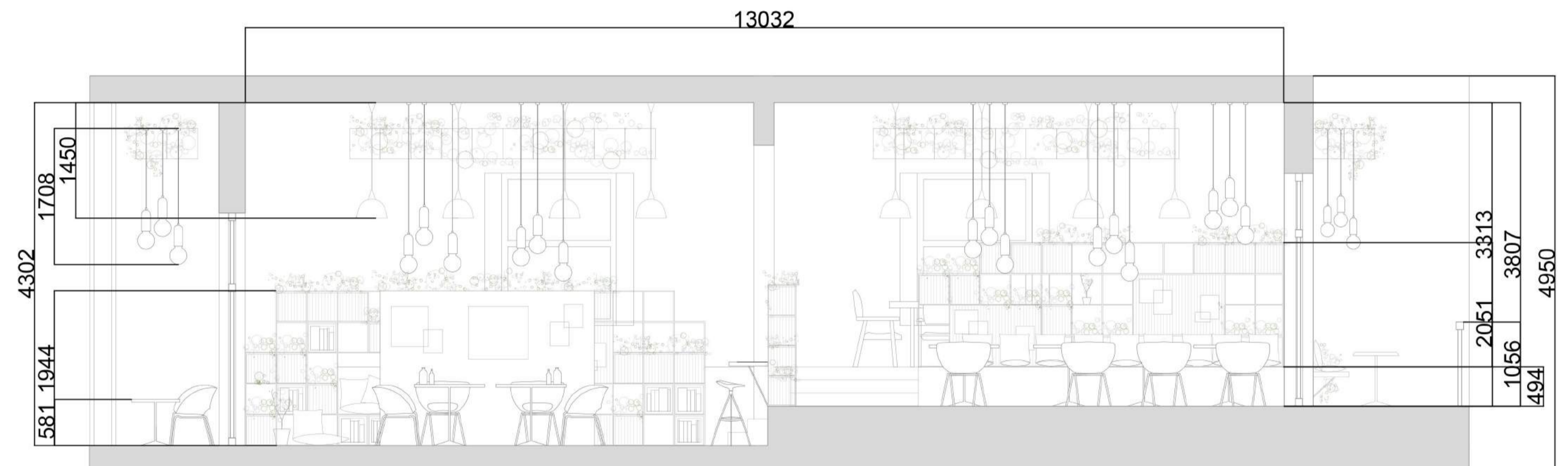
DRAWING TITLE	Scale 1:50
Proposed floor plan Drawing 13	
Project Café Recharge, Galashiels	Chelsie Mcnab Jodie Shepherd Marta Jimenez



DRAWING TITLE	Scale 1:50
Drawing 14 Location plan section line Drawing 15 Section A-A Drawing 16 Section B-B	
Project Café Recharge, Galashiels	Chelsie Mcnab Jodie Shepherd Marta Jimenez



Location plan :Not to scale

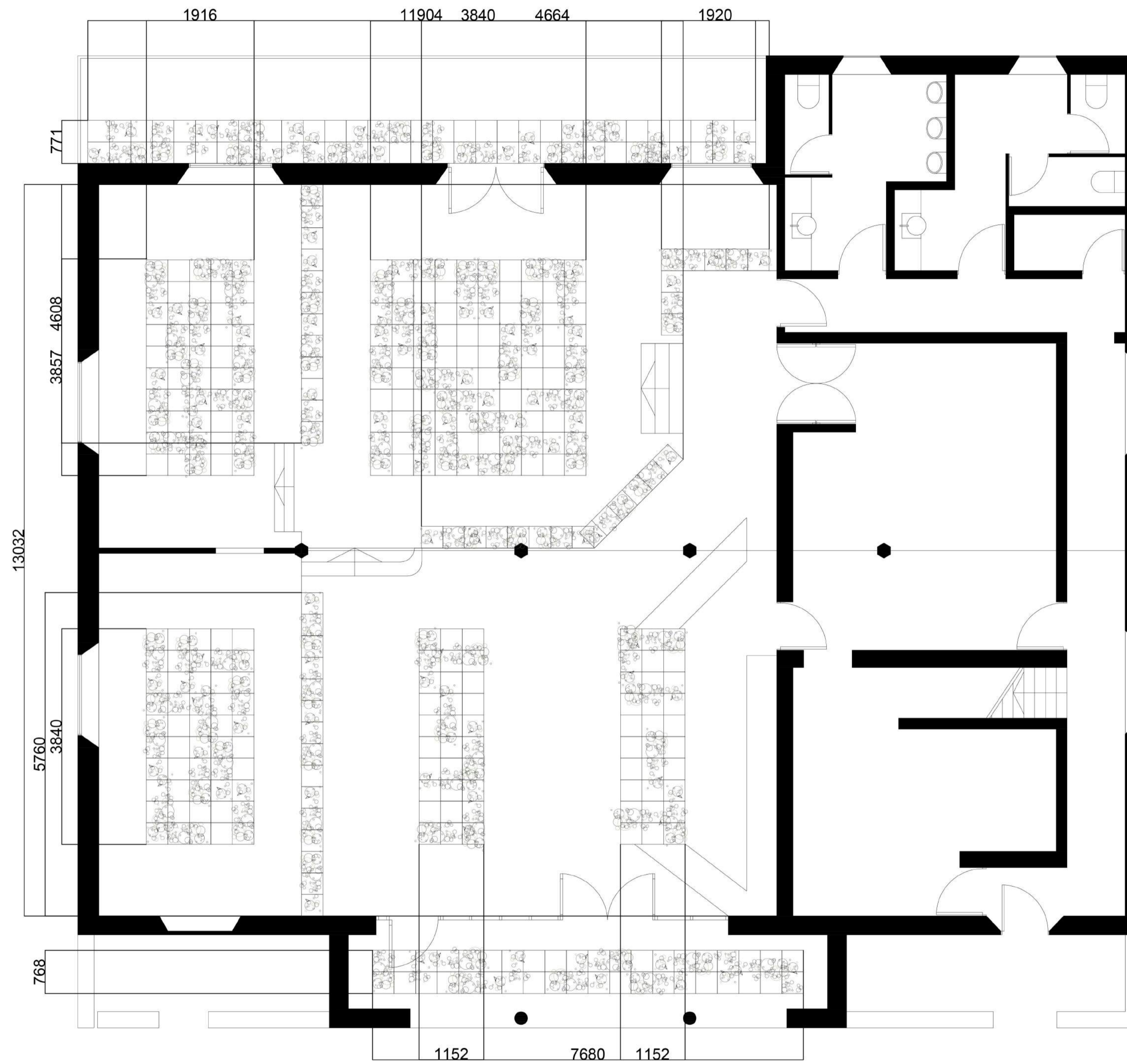


Section C-C'



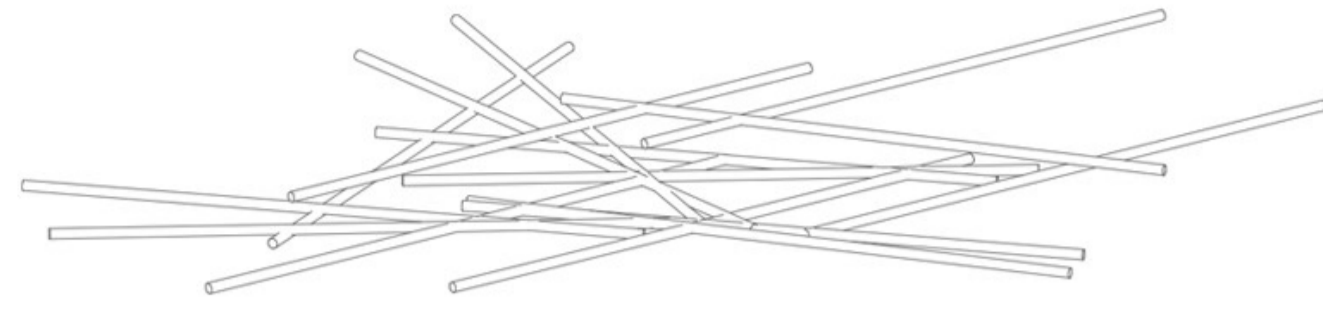
Section D-D'

DRAWING TITLE	Scale 1:50
Drawing 17 Location plan section line Drawing 18 Section C-C Drawing 19 Section D-D	
Project Café Recharge, Galashiels	Chelsie McNab Jodie Shepherd Marta Jimenez



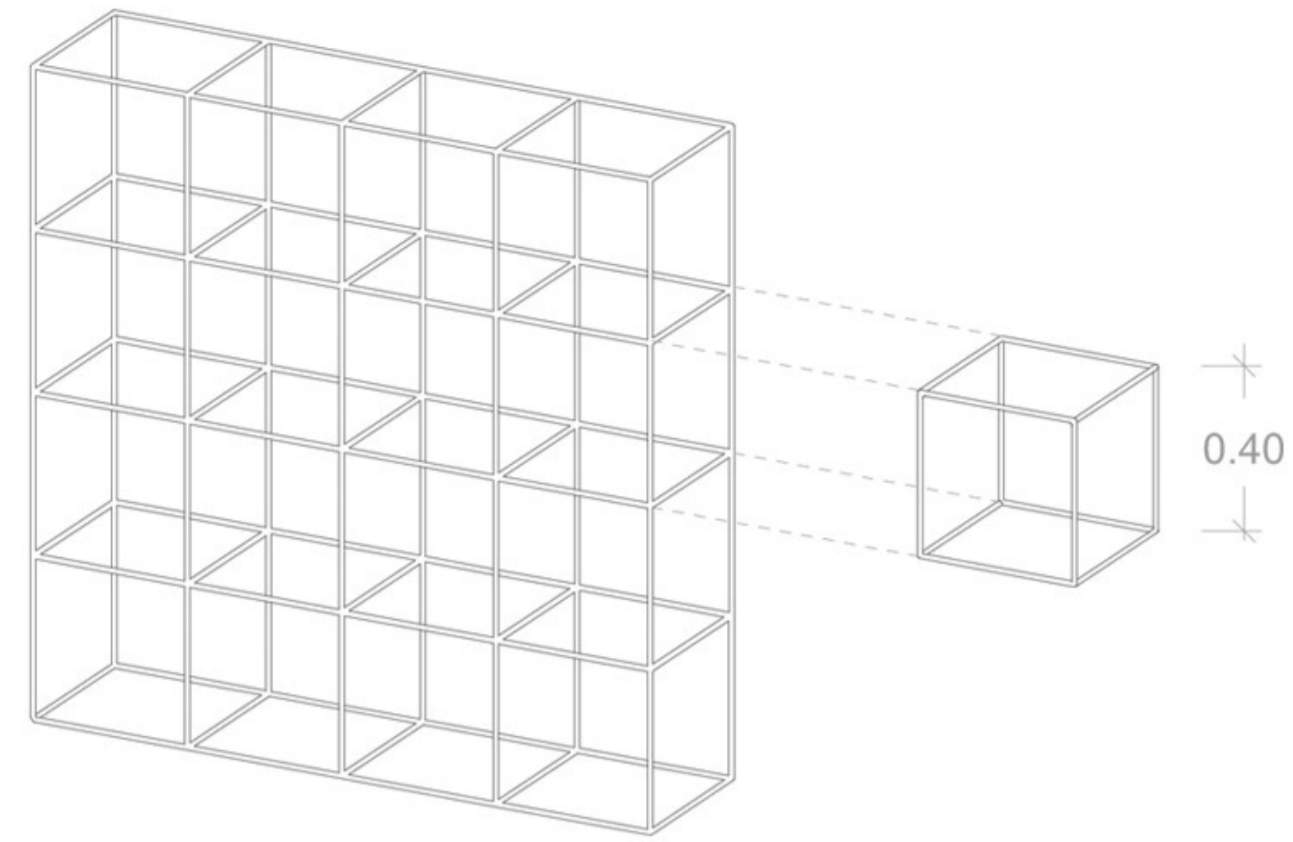
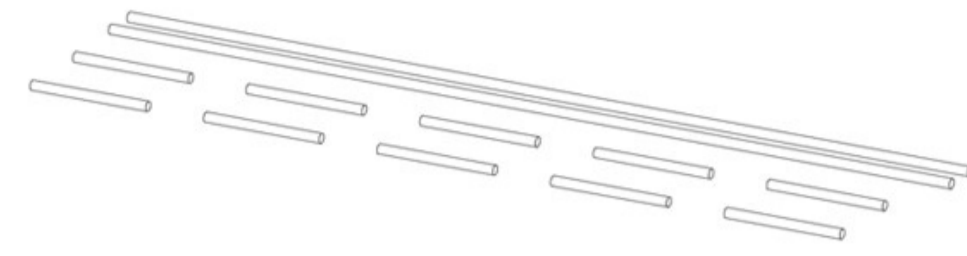
DRAWING TITLE	Scale 1:50
Drawing 20 Proposed ceiling grid detail	
Project Café Recharge, Galashiels	Chelsie McNab Jodie Shepherd Marta Jimenez

Step 1-2-3



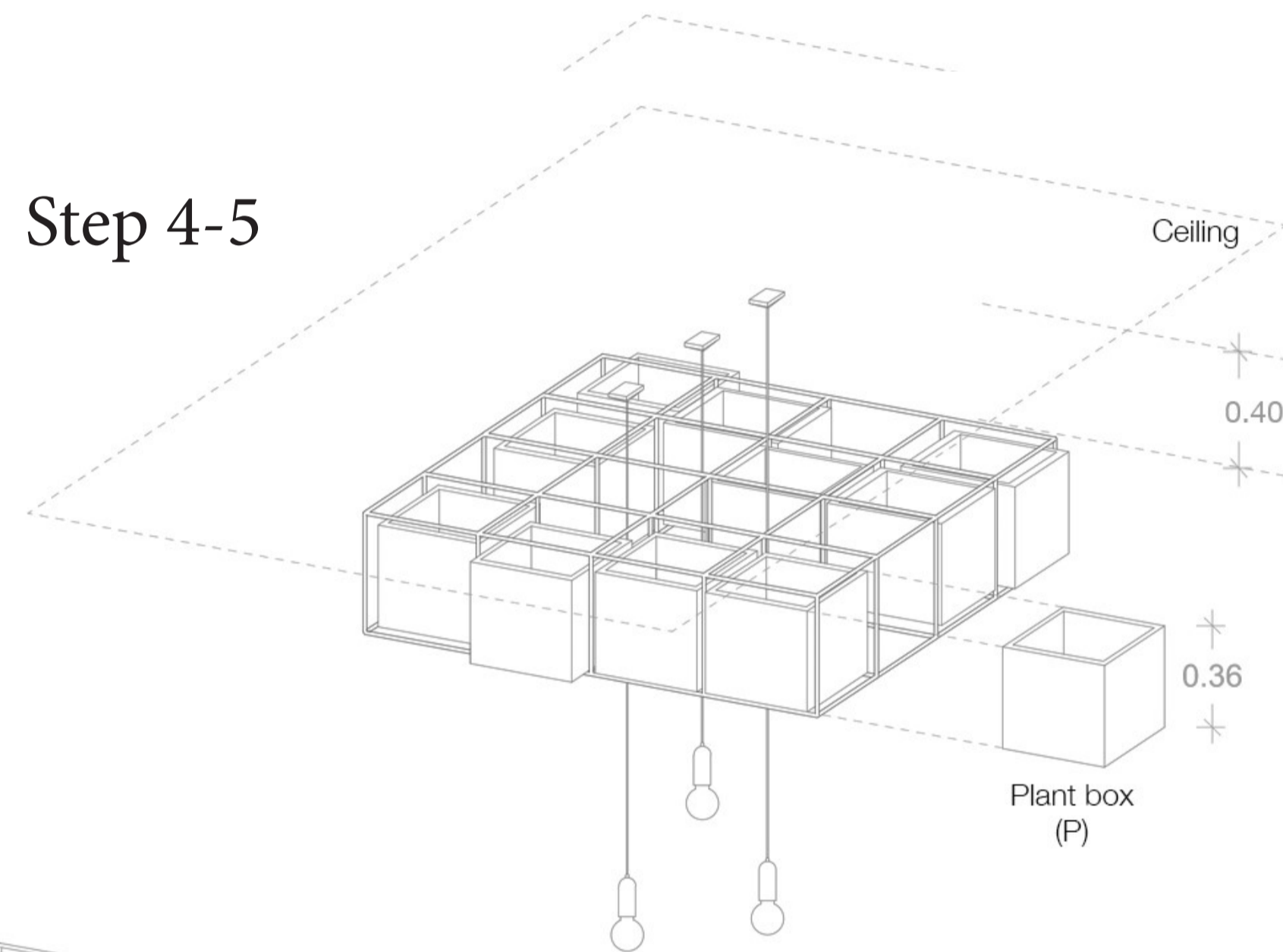
How to build the gridded metal framework:

The modules are made from upcycled ribbed steel bars (12mm diameter) typically used in the laying of reinforced concrete. We operate with pre-used steel bars by welding them together into cubic frames, creating modules that can be reconfigured to divide the space in different ways. We have used the same structure for both floor and ceiling.

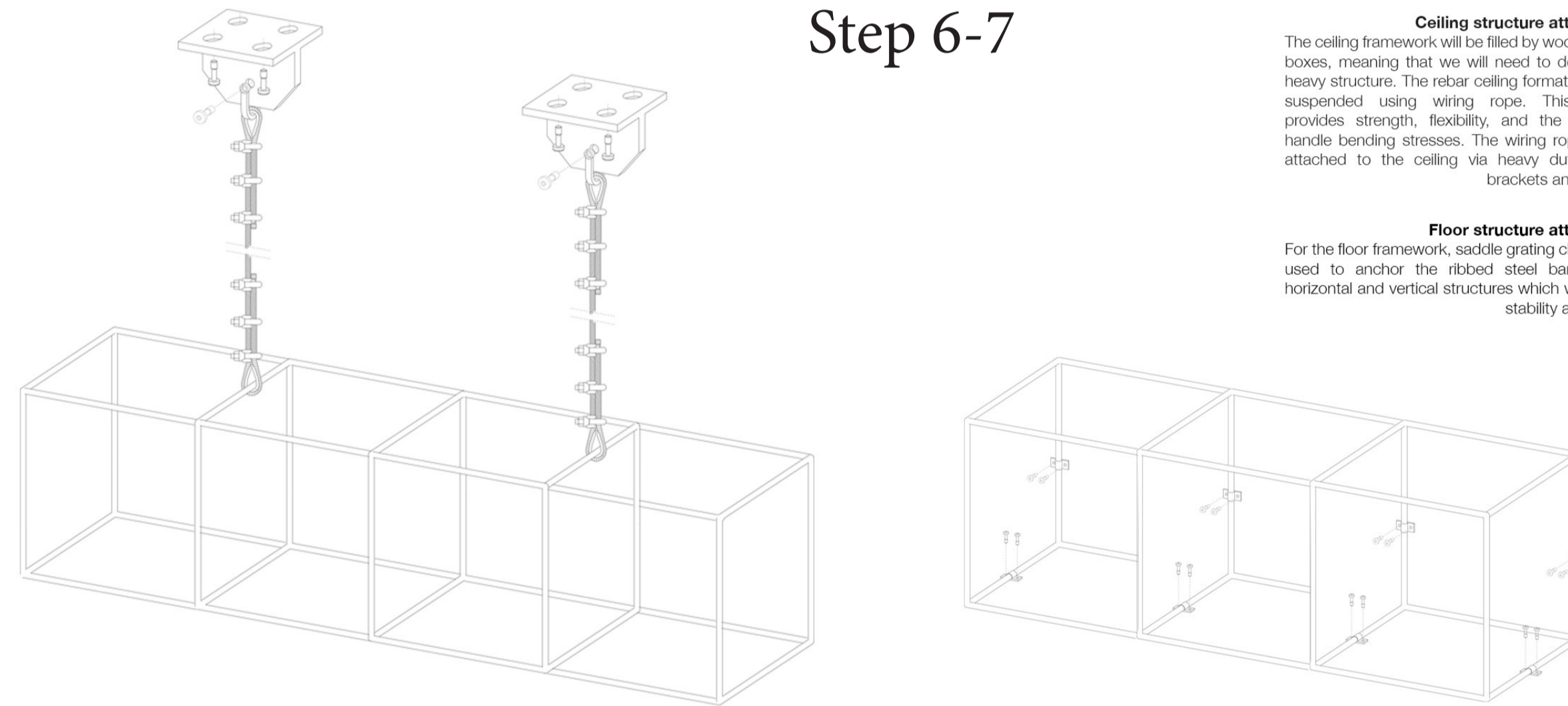


Detail

Step 4-5



Step 6-7

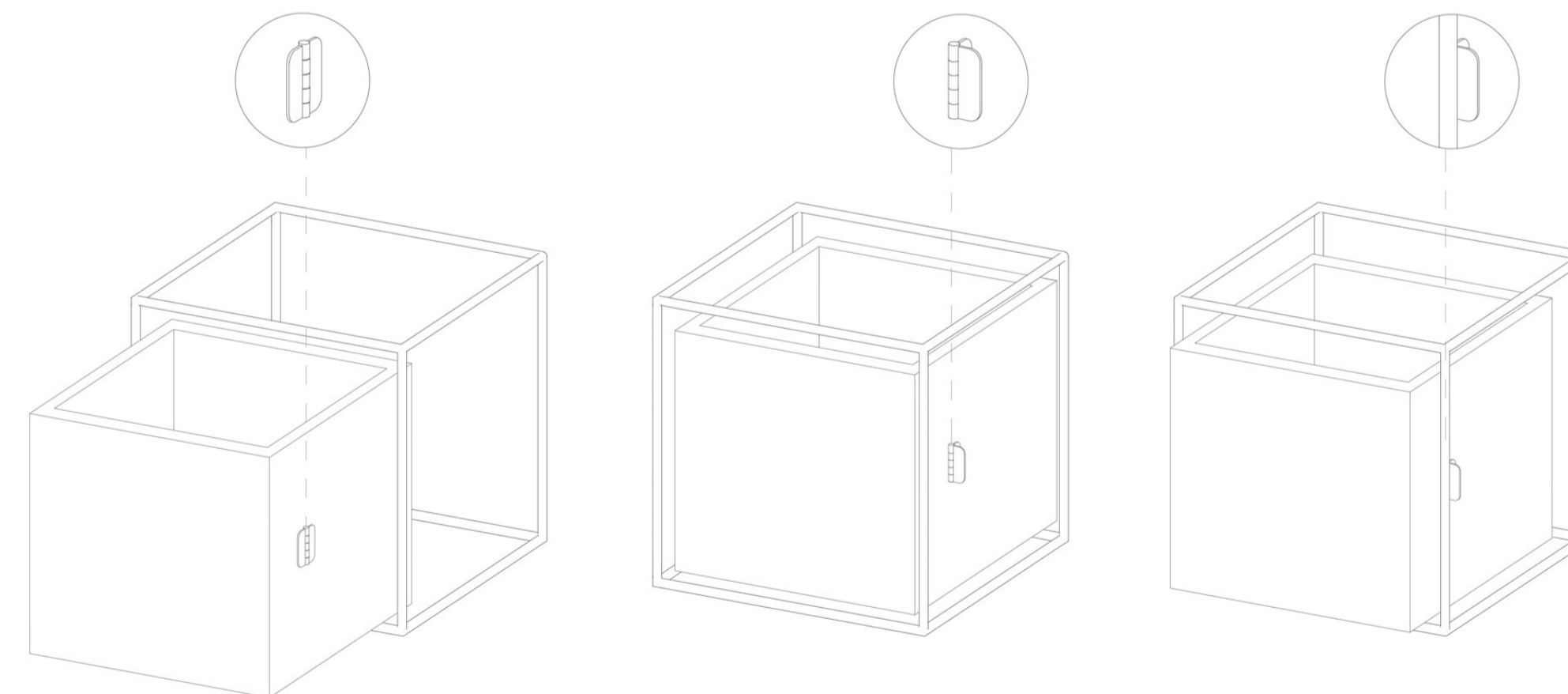
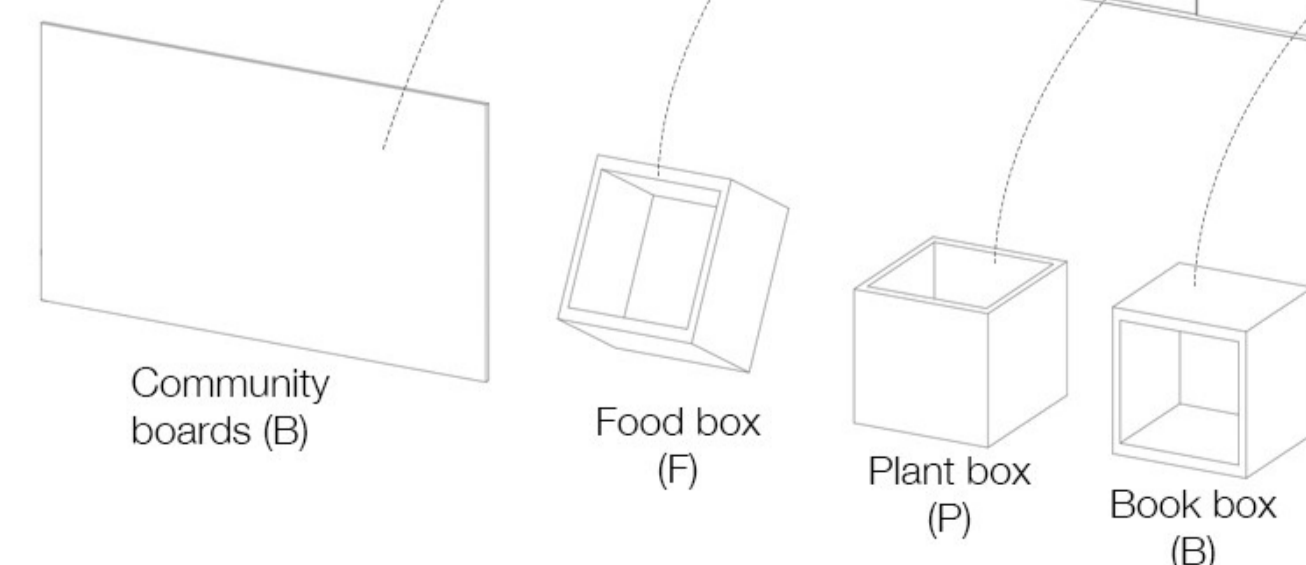
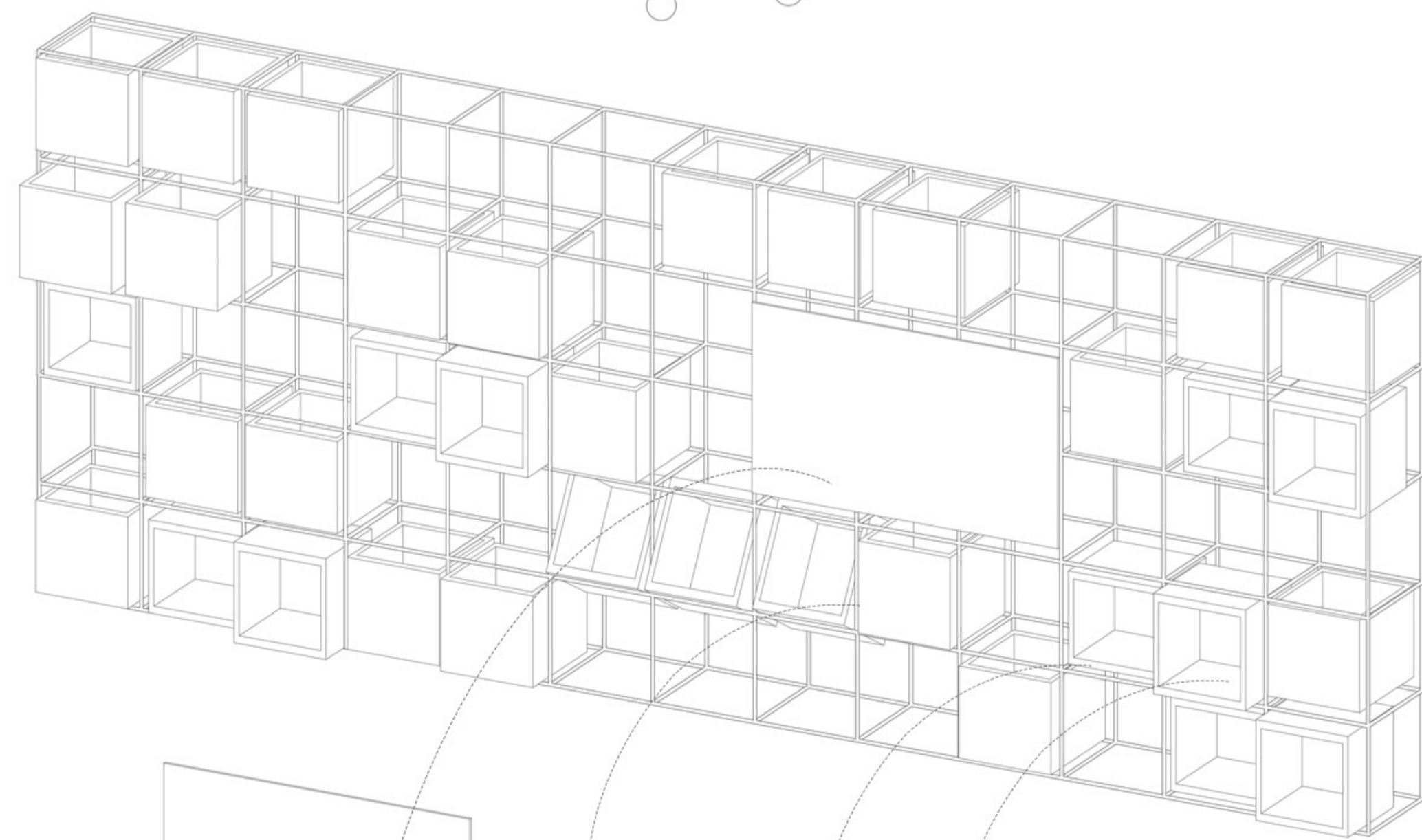


Ceiling structure attachment

The ceiling framework will be filled by wooden plant boxes, meaning that we will need to deal with a heavy structure. The rebar ceiling formation will be suspended using wiring rope. This system provides strength, flexibility, and the ability to handle bending stresses. The wiring rope will be attached to the ceiling via heavy duty angled brackets and screws.

Floor structure attachment

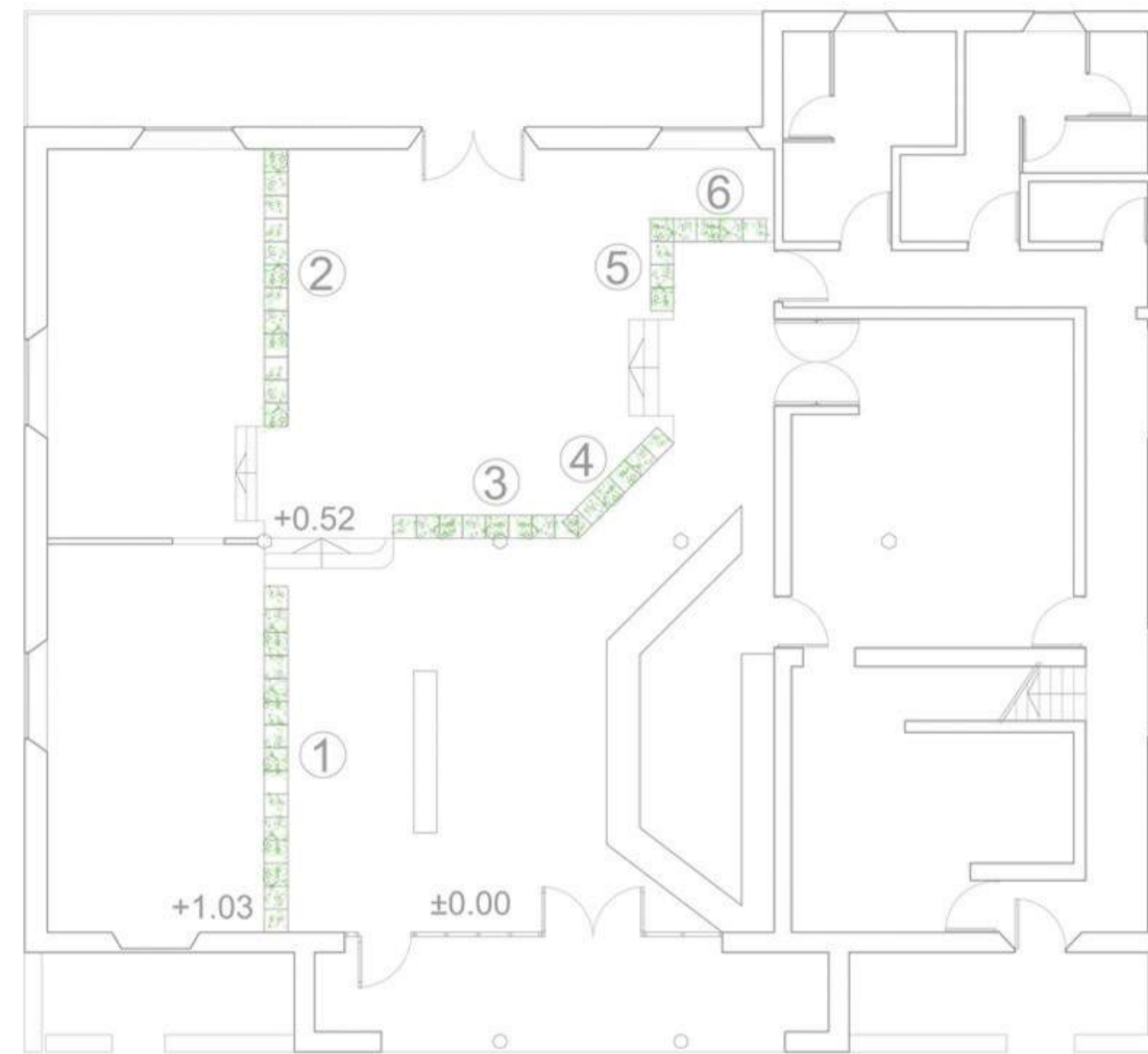
For the floor framework, saddle grating clips will be used to anchor the ribbed steel bars to the horizontal and vertical structures which will ensure stability and safety.



Safety aspect manipulating wooden boxes

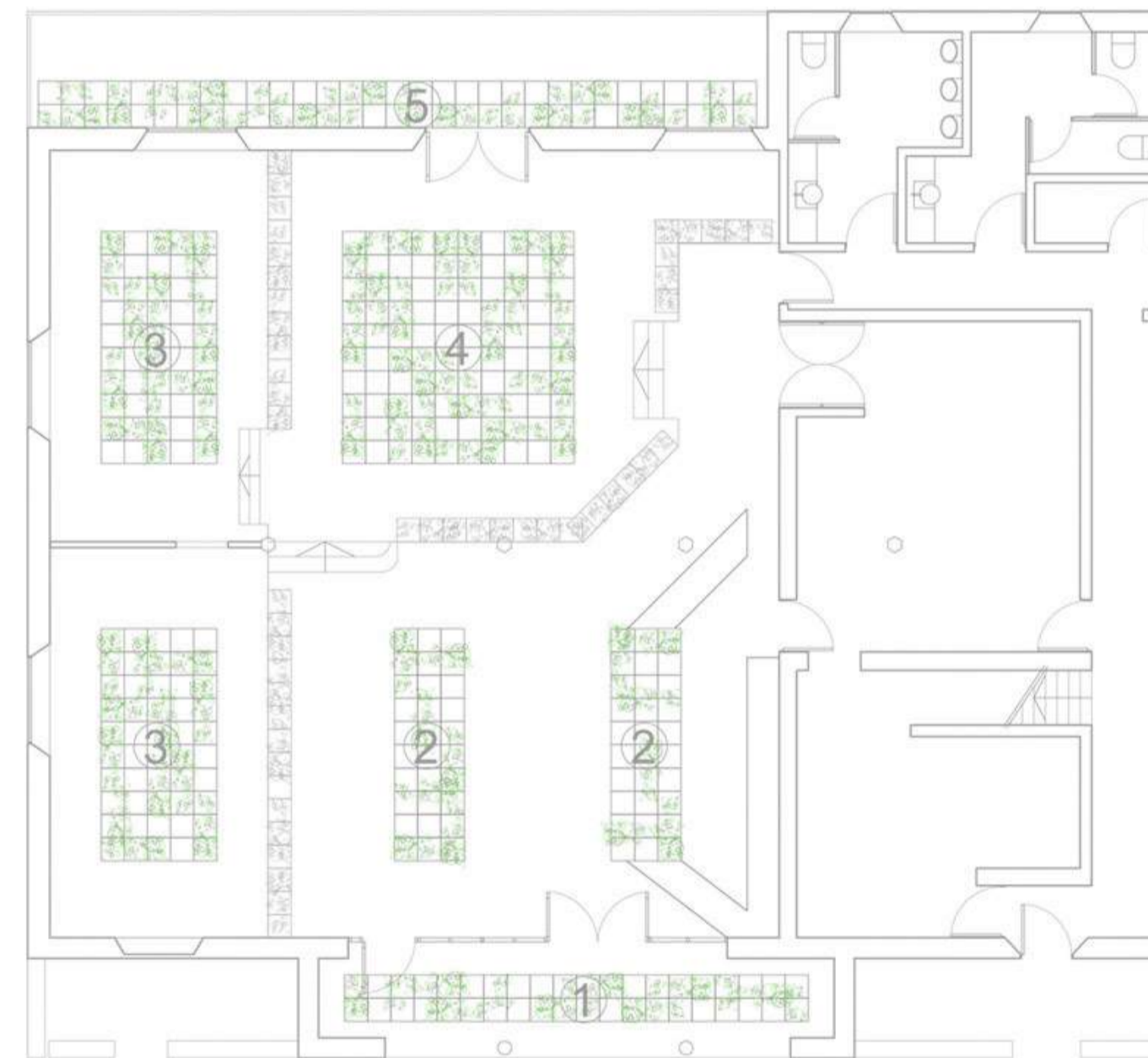
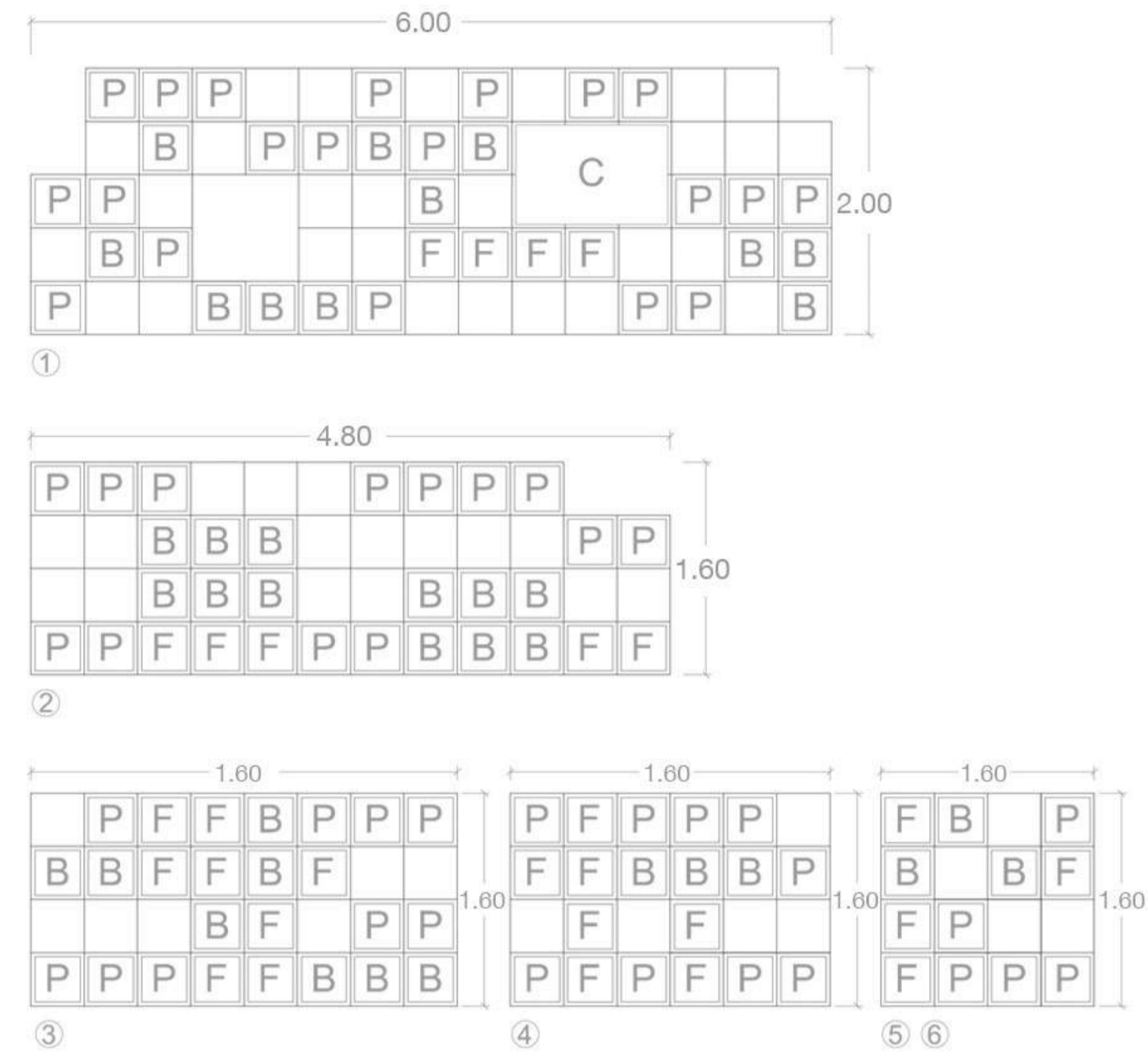
As there is the possibility that boxes will be moveable, we have to consider a way of making them permanent on a temporary basis, especially for children. For that reason, we have considered applying the hinges and fix the box accordingly as shown. To remove the box, you simply push the box back into the structure and flatten the hinge once again.

DRAWING TITLE	Scale
Assembly of box detail Drawing 21 Step 1-2-3 Drawing 22 Step 4-5 Drawing 23 Step 6-7	
Project Café Recharge, Galashiels	Chelsie McNab Jodie Shepherd Marta Jimenez



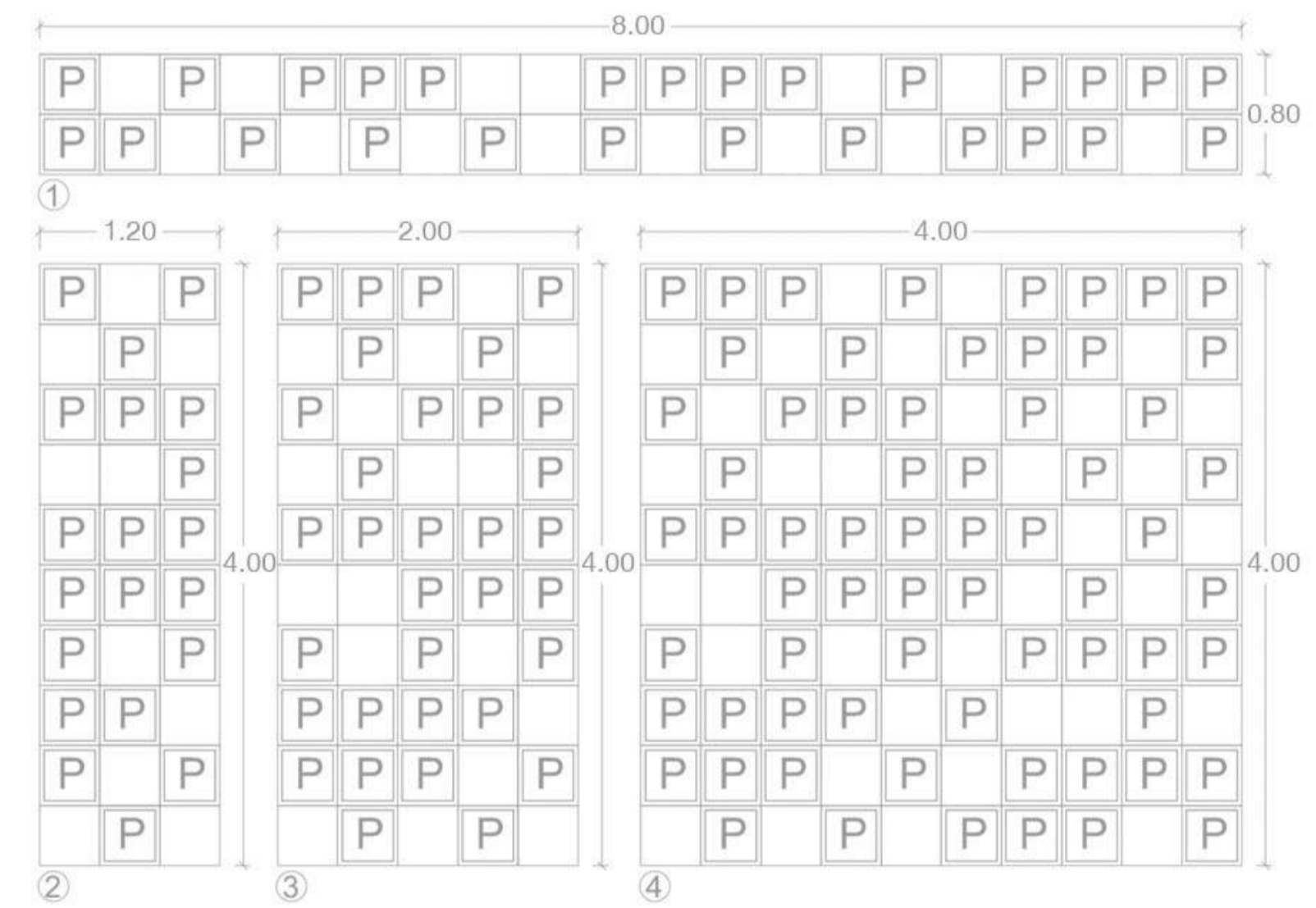
Floor plan

Grid 1



Ceiling

Grid 2



DRAWING TITLE	Scale
Assembly of ceiling grid detail	
Drawing 24 – plan – Grid 1	
Drawing 25 – Plan – Grid 2	
Project Café Recharge, Galashiels	Chelsie McNab Jodie Shepherd Marta Jimenez