American College of Bogota

Carmel College

400m

0 50 100 150 200m

TEUSAQUILLO

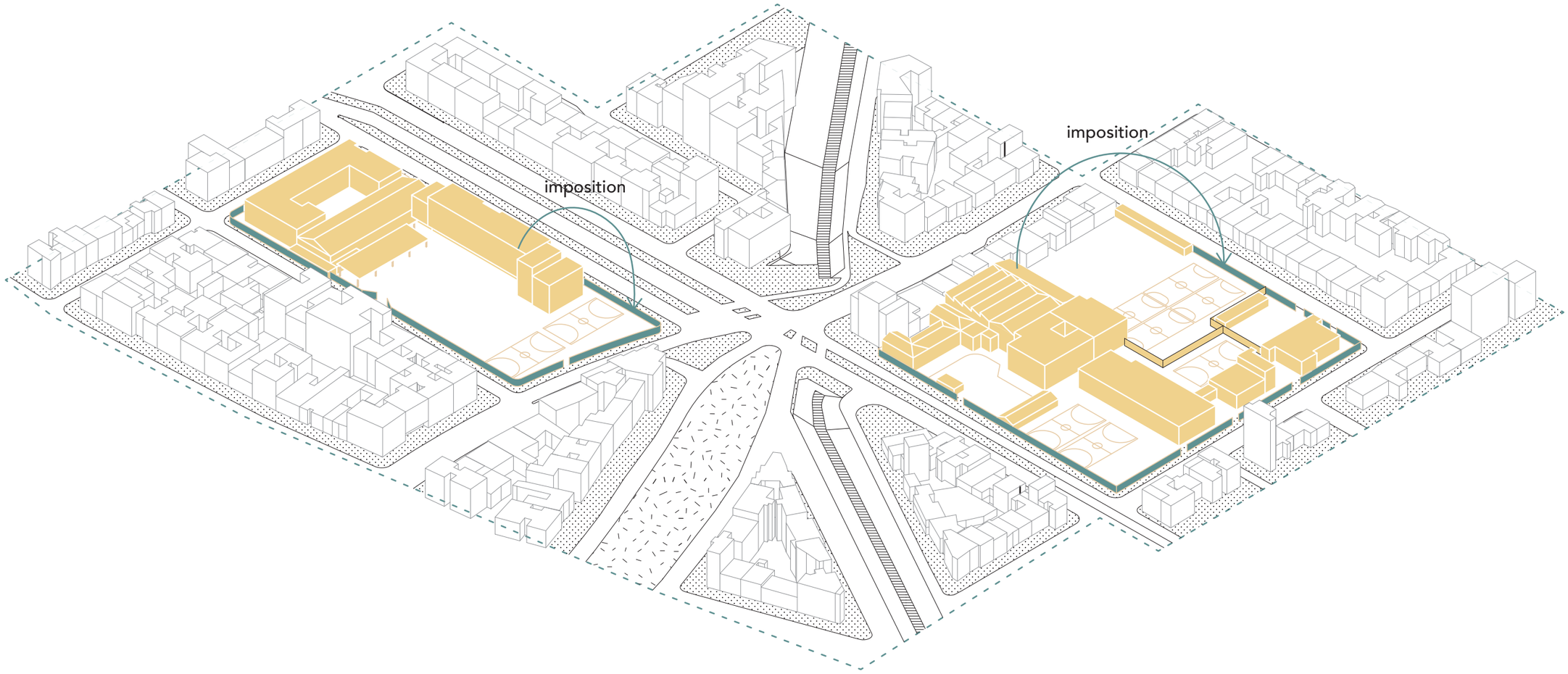
Walled schools

Block parks

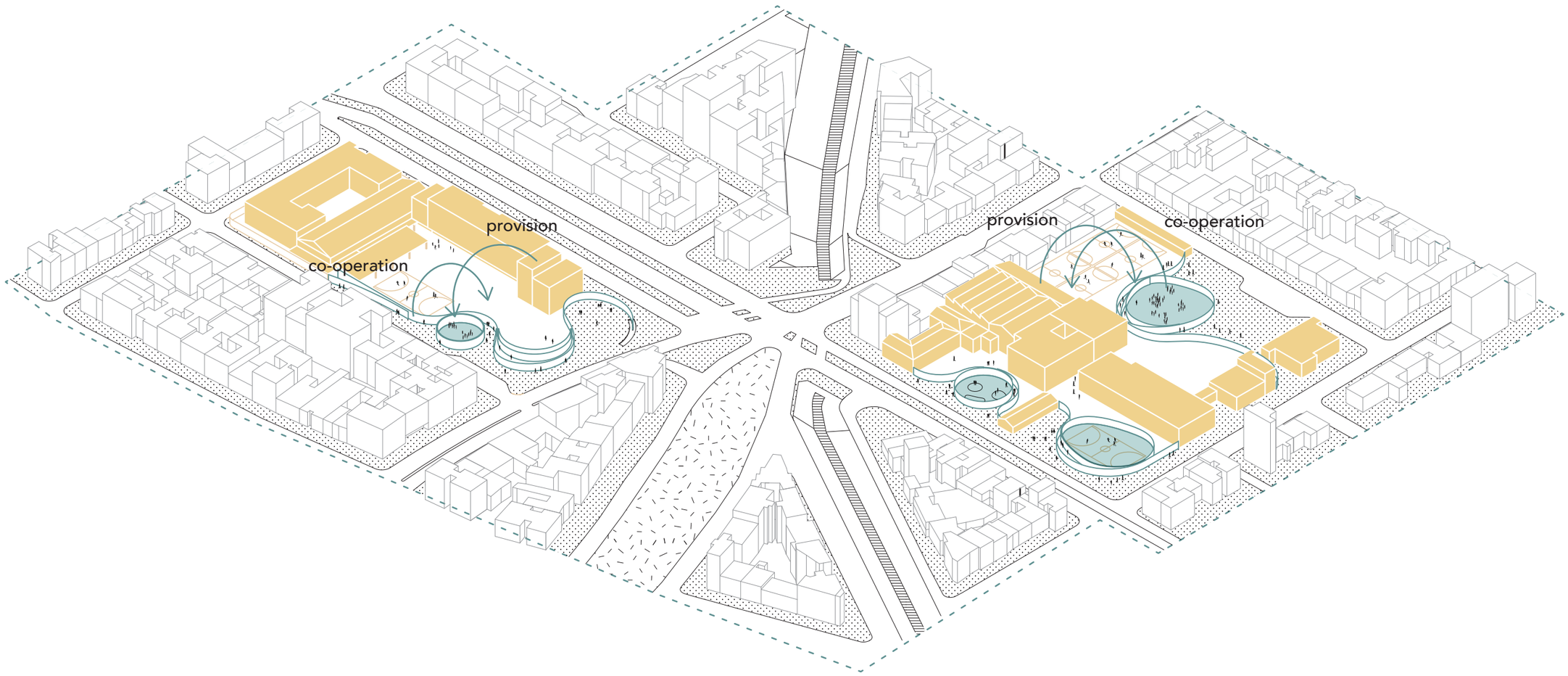
Rio Arzobispo

Major road

5min walking radius



1. EXISTING BOUNDARY WALL

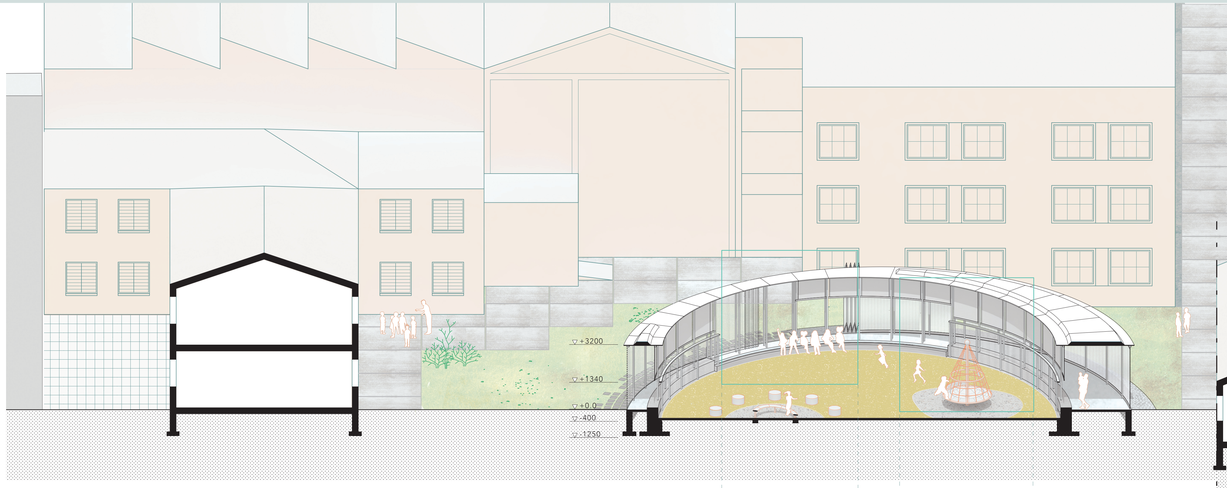


2. URBAN CURTAINS

SCHOOLTIME

SCENE

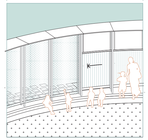
NON- SCHOOLTIME



COURTYARD | PRESCHOOL | SUBDIVIDED SCHOOL YARD | CORRIDOR TO SCHOOL | SUNKEN PLAYGROUND | CORRIDOR TO SCHOOL

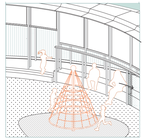
section unfolded line

ACTIVITY ROOMS | RECESSED STREET AS GARDEN | SPECTATOR'S SHADE | ENCLOSED SPORT COURT | SPECTATOR'S SHADE



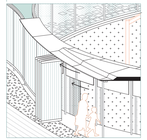
1. PUBLIC PLAYGROUND

With the polaycarbonate panels closed, the playground is shared for neighbourhood use, without interfering the private school area.



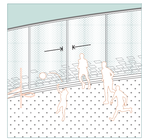
2. CORRIDOR FOR REST

By opening the mesh curtain, parents sit at the threshold to look after their kids playing in the playground



3. SPECTATOR'S SHADE

Polycarbonate panels are unfolded, mesh curtains are opened. Public pass through a shaded corridor that buffers between the busy street and the court



4.EXTERNALIZED COURT

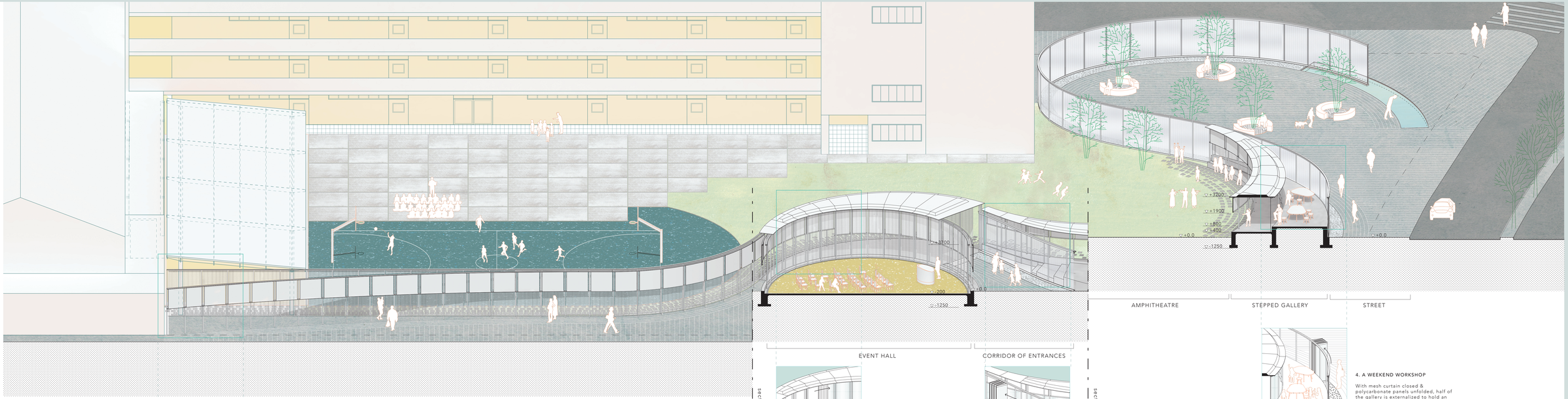
Mesh curtains closed and locked, externalizing the idle court during weekend for public use

SECTION A-A'

- American College of Bogota -

0 1 2 3 4 5m

SCHOOLTIME → SCENE → NON- SCHOOLTIME



THRESHOLD TO COVERED SHED

SPORT COURT & OPEN SCHOOLYARD

EVENT HALL

CORRIDOR OF ENTRANCES

AMPHITHEATRE

STEPPED GALLERY

STREET

section unfolded line

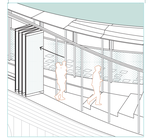
section unfolded line

1. TRANSFORMABLE THRESHOLD

Mesh crutain is opened. People access the church through the covered shed, where booths are placed for interaction before and after

2. EVENT HALL TO PUBLIC

Mesh crutain is opened. The school has organized a ceremony where people in the neighbourhood are welcome to join.



3. REVEALLING THE LEVELLING

Unfolding the polycarbonate panels, the steps to the raised gallery space is revealed, differentiating itself from the normal street level during schooltime.

4. A WEEKEND WORKSHOP

With mesh curtain closed & polycarbonate panels unfolded, half of the gallery is externalized to hold an outdoor workshop for the neighbourhood.

SECTION B-B'

- Carmel College -

0 1 2 3 4 5m

STORAGE

OTHER OFFICES

HIGH SCHOOL

PODIUM

HIGH SCHOOL

GYMNASIUM

PRIMARY SCHOOL

PRESCHOOL

ROOMS

ACTIVITY

SECTION A

A

A'

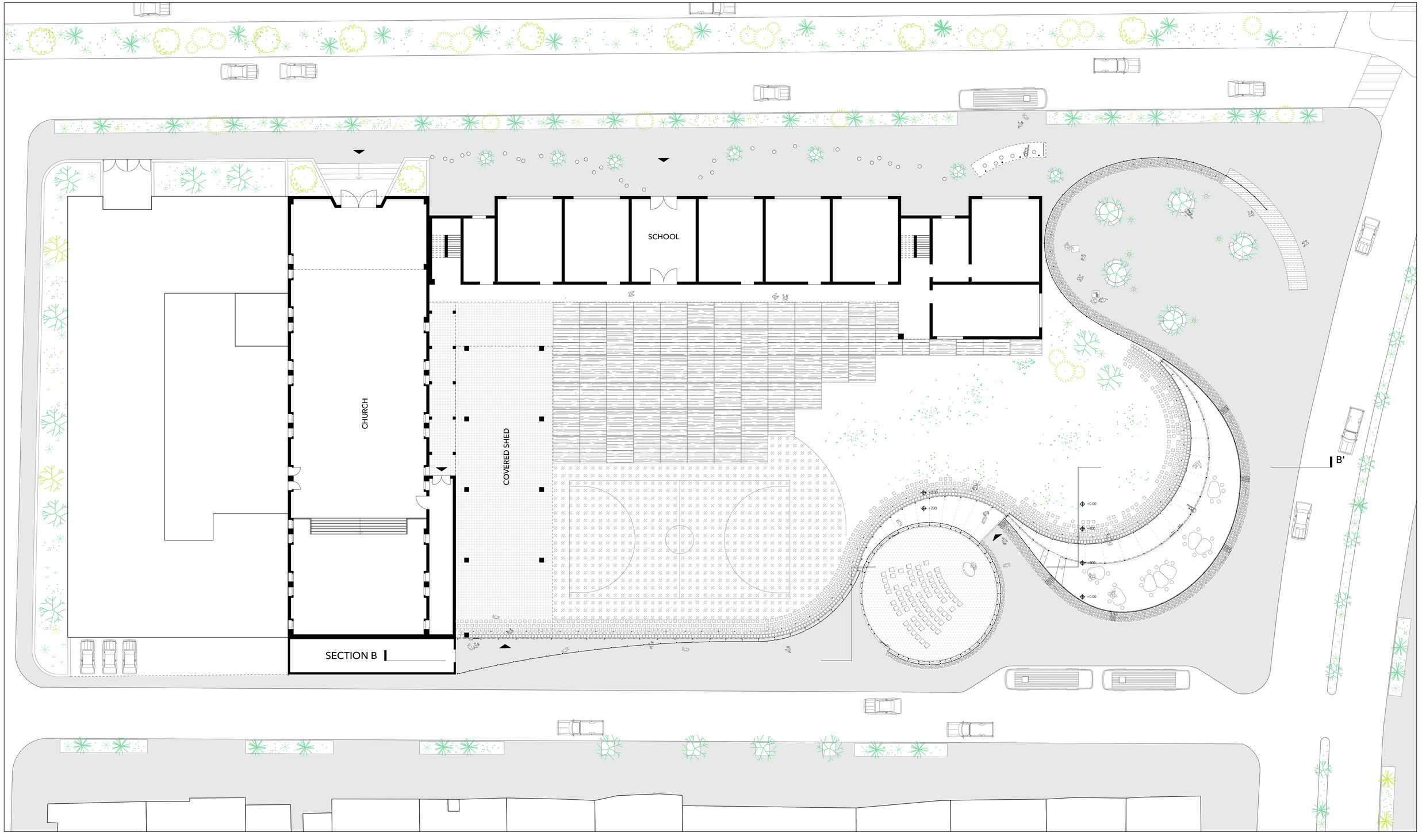
A'

scale 1:200

0 2 5 10m

PLAN

- American College of Bogota -



scale 1:200

0 2 5 10m

PLAN

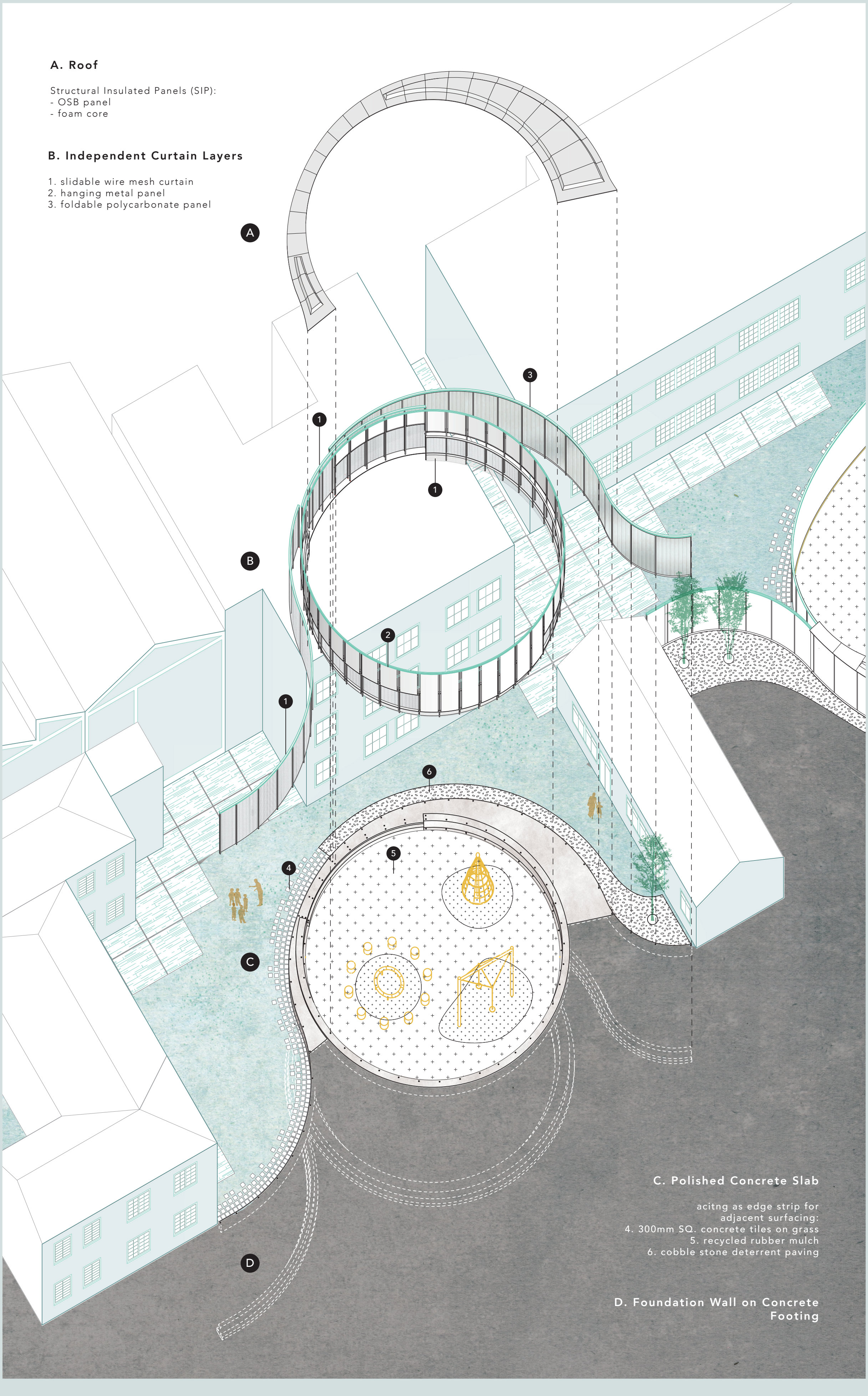
- Carmel College -

A. Roof

Structural Insulated Panels (SIP):
- OSB panel
- foam core

B. Independent Curtain Layers

1. slidable wire mesh curtain
2. hanging metal panel
3. foldable polycarbonate panel



C. Polished Concrete Slab

acitng as edge strip for
adjacent surfacing:
4. 300mm SQ. concrete tiles on grass
5. recycled rubber mulch
6. cobble stone deterrent paving

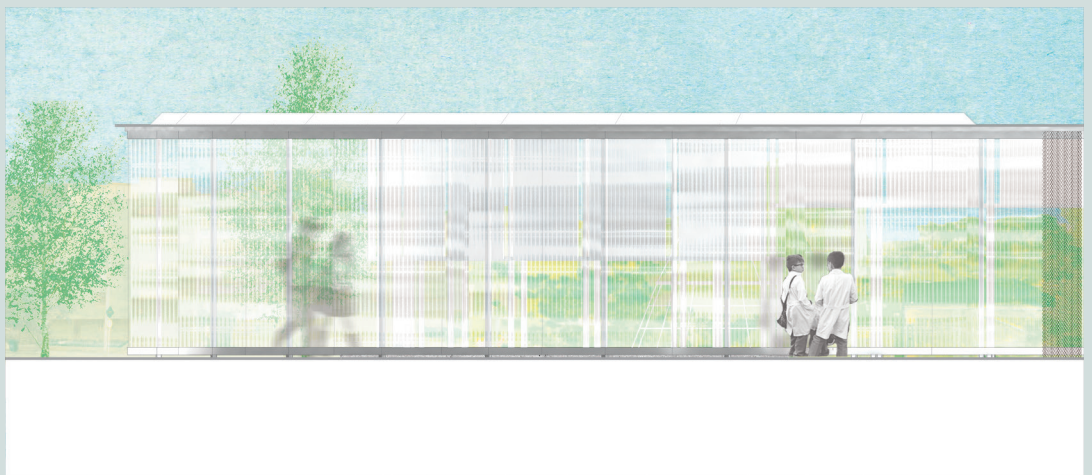
D. Foundation Wall on Concrete Footing

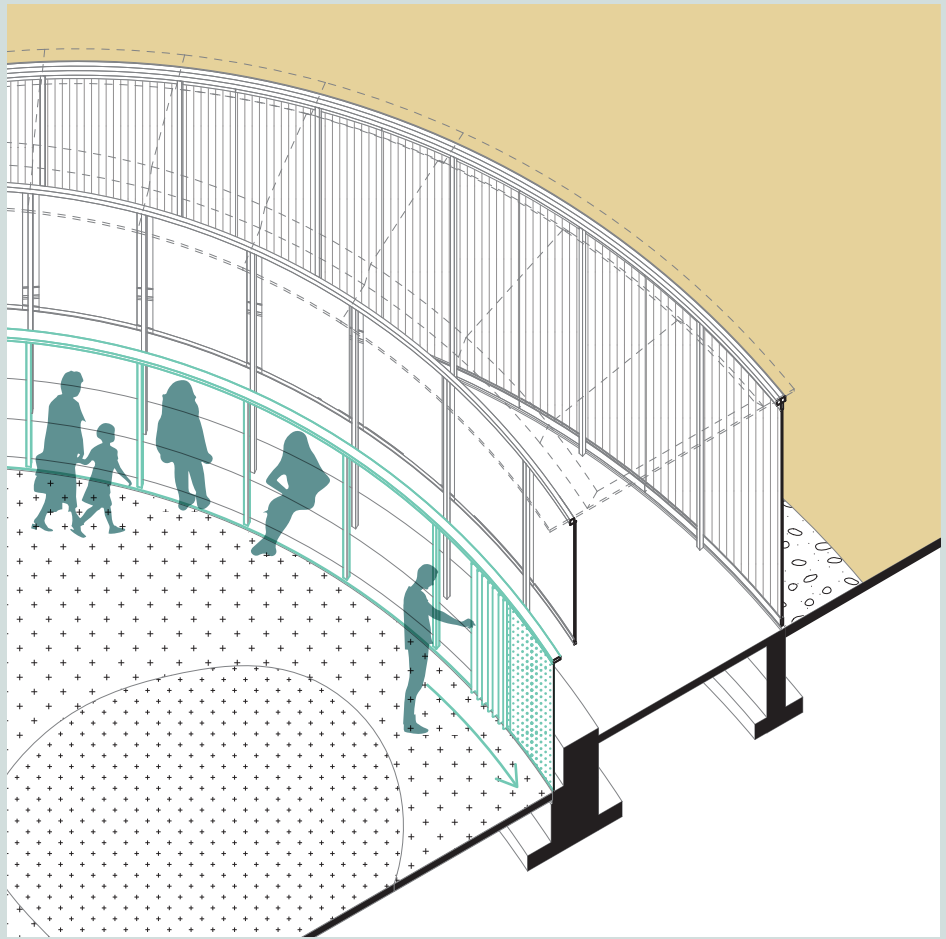
1 2 3

only mesh curtain is opened

SCENE 1:
before school starts, schoolkids are having fun inside the playground while the others are still entering the school. Kids inside the school will see the moving ambience of the outside world, without directly revealed.

ELEVATION 1



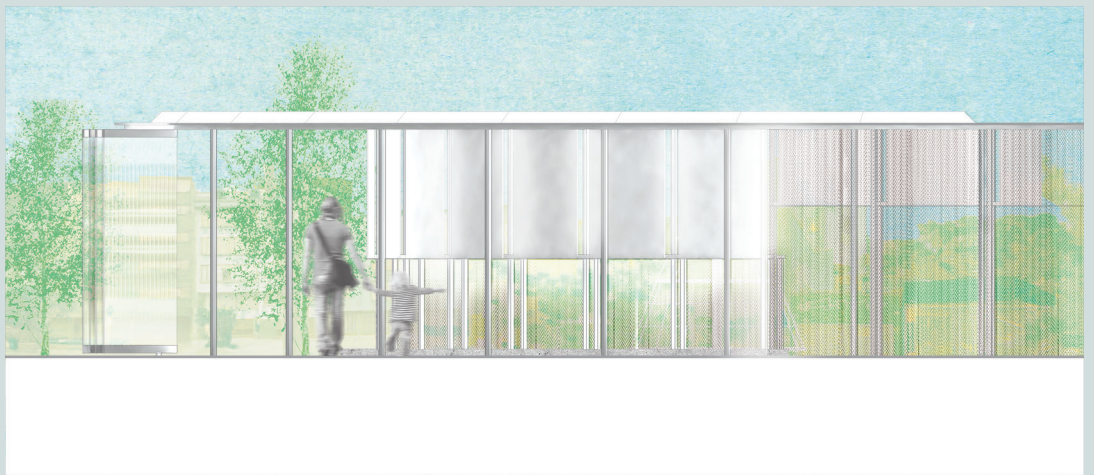


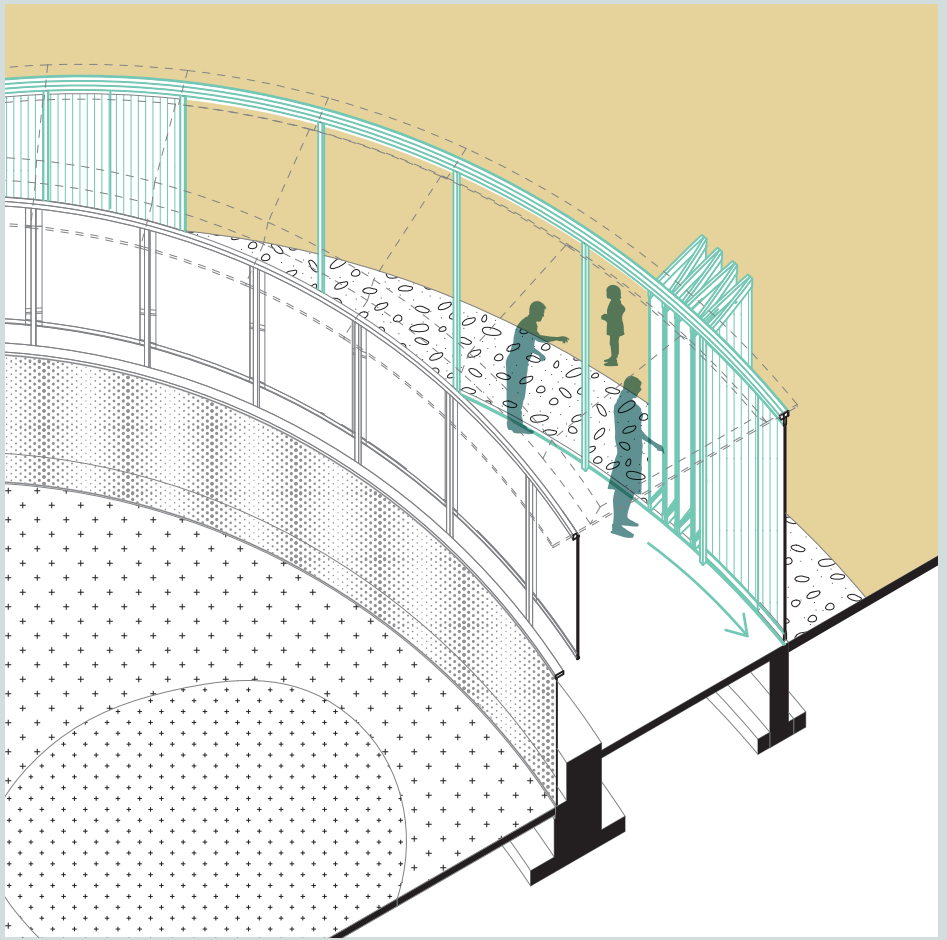
1 2 3

only polycarbonate panels are unfolded

SCENE 2:
After school, the panels are unfolded to let parents pick up their children.Due to height difference, kids will see a veiled view of the city while aldults could only see it through the slits of the panels.

ELEVATION 2



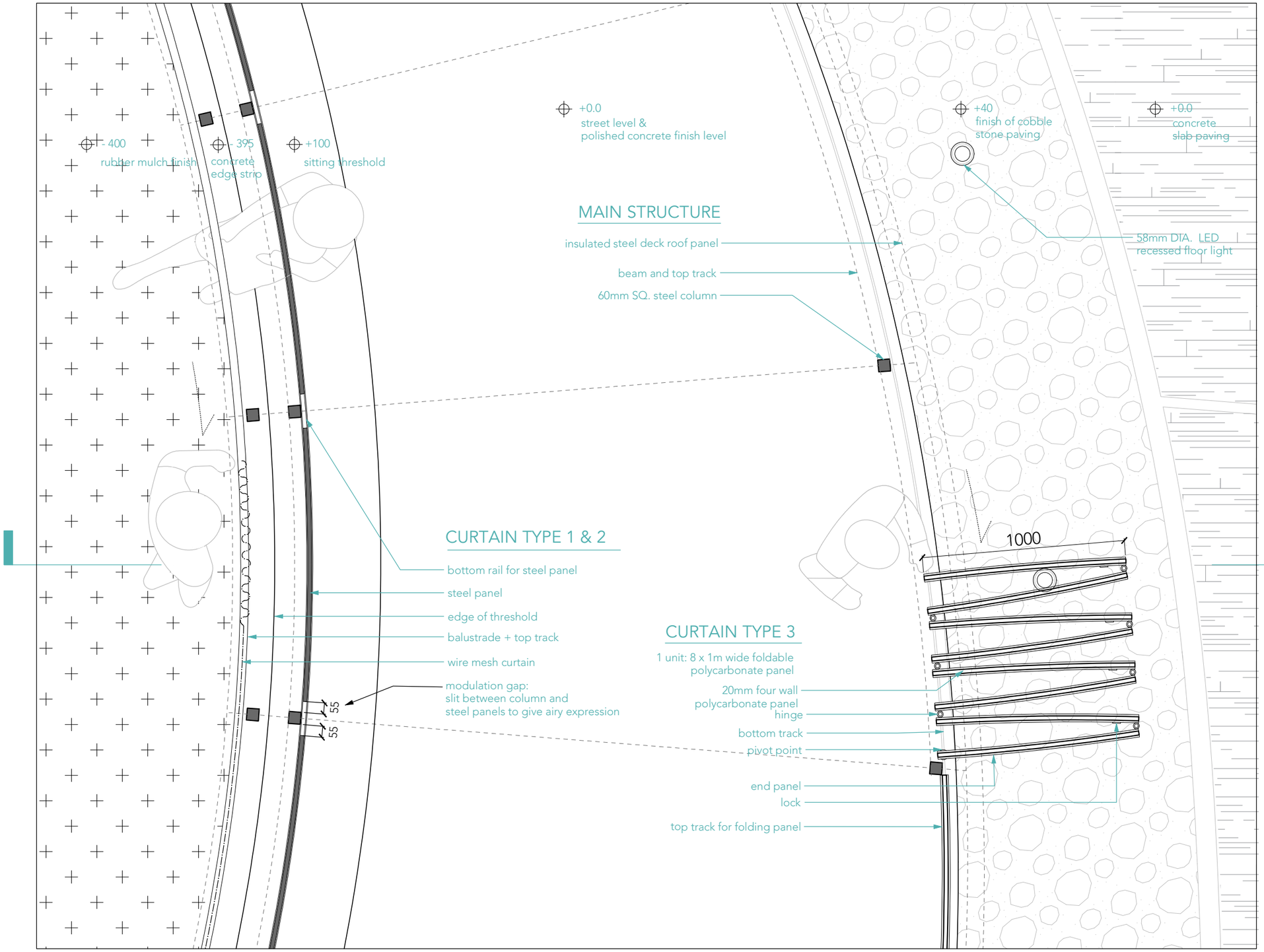


1 2 3

both mesh curtain and polycarbonate panels are opened

SCENE 3:
The schoolyard is fully extended into the playground, allowing a half-height view of the city. The obscured view invites people to access the sunken playground for a full glimpse

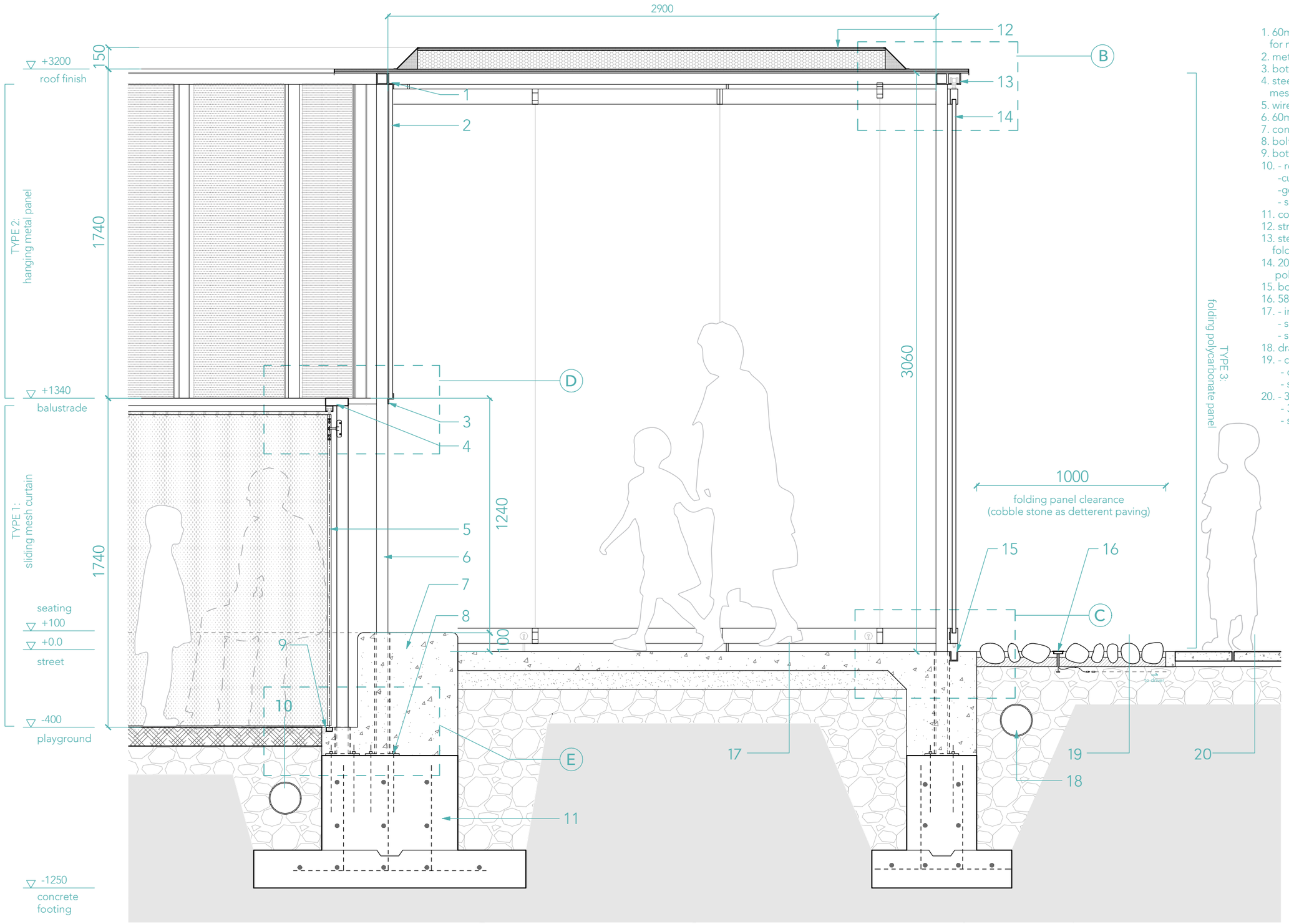
ELEVATION 3



CURTAIN SECTION

1:20

0 0.2 0.5 1m

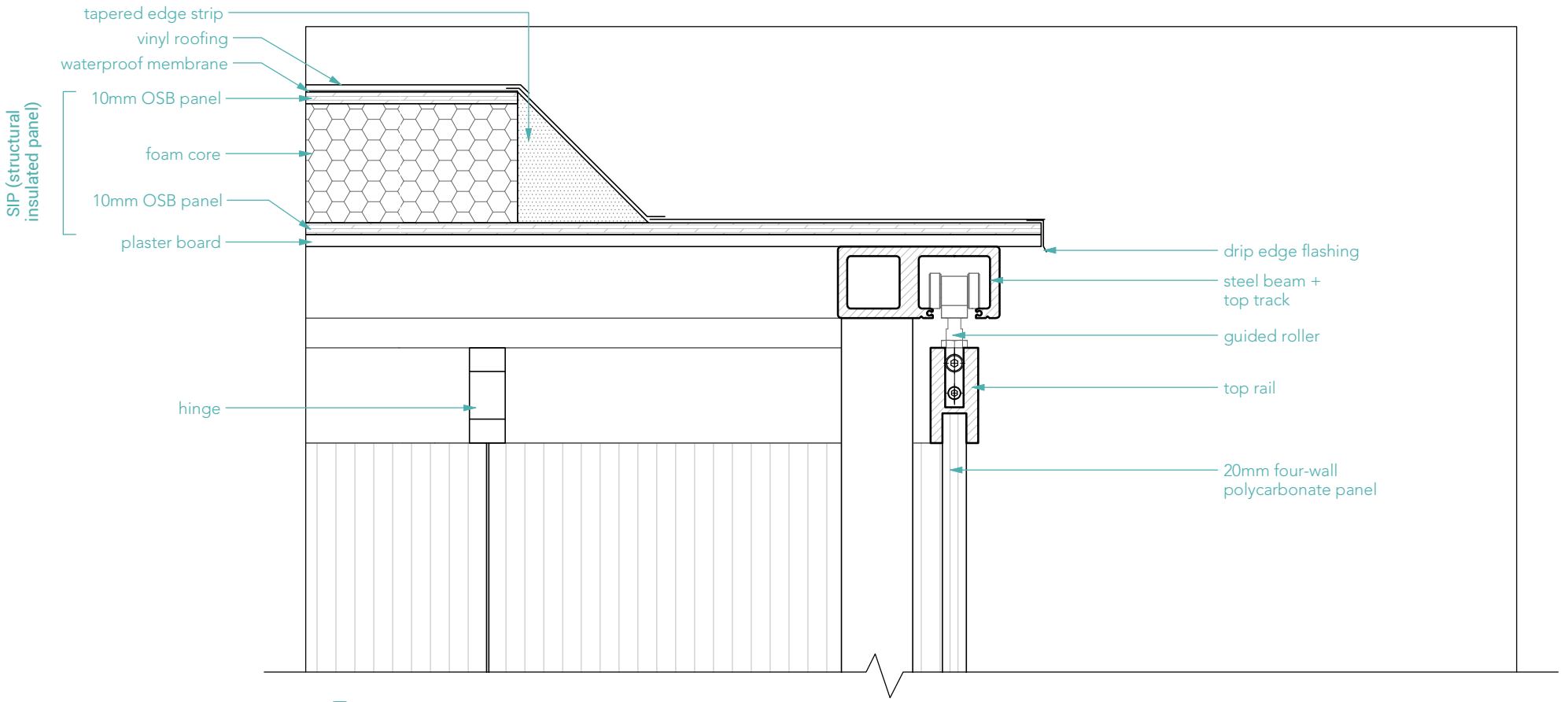


1. 60mm SQ. steel beam + top rail for metal panel
2. metal panel
3. bottom rail for metal panel
4. steel balustrade + top track for mesh curtain
5. wire mesh curtain
6. 60mm SQ. steel column
7. concrete retaining wall (polished finish)
8. bolt-down column anchor
9. bottom track for mesh curtain
10. - recycled rubber mulch surface
    -cushion layer
    -geotextile
    - sub-base
11. concrete footing
12. structural insulated panel roof
13. steel beam + top track for folding panel
14. 20mm four-wall polycarbonate panel
15. bottom track for folding panel
16. 58mm DIA. LED recessed floor light
17. - in-situ polished concrete slab
    - sand
    - sub-base
18. drainage pipe
19. - cobble stone with mortar
    - concrete bed
    - sub-base
20. - 300 x 300mm slab paving
    - 30mm sand
    - sub-base

A CURTAIN SECTION

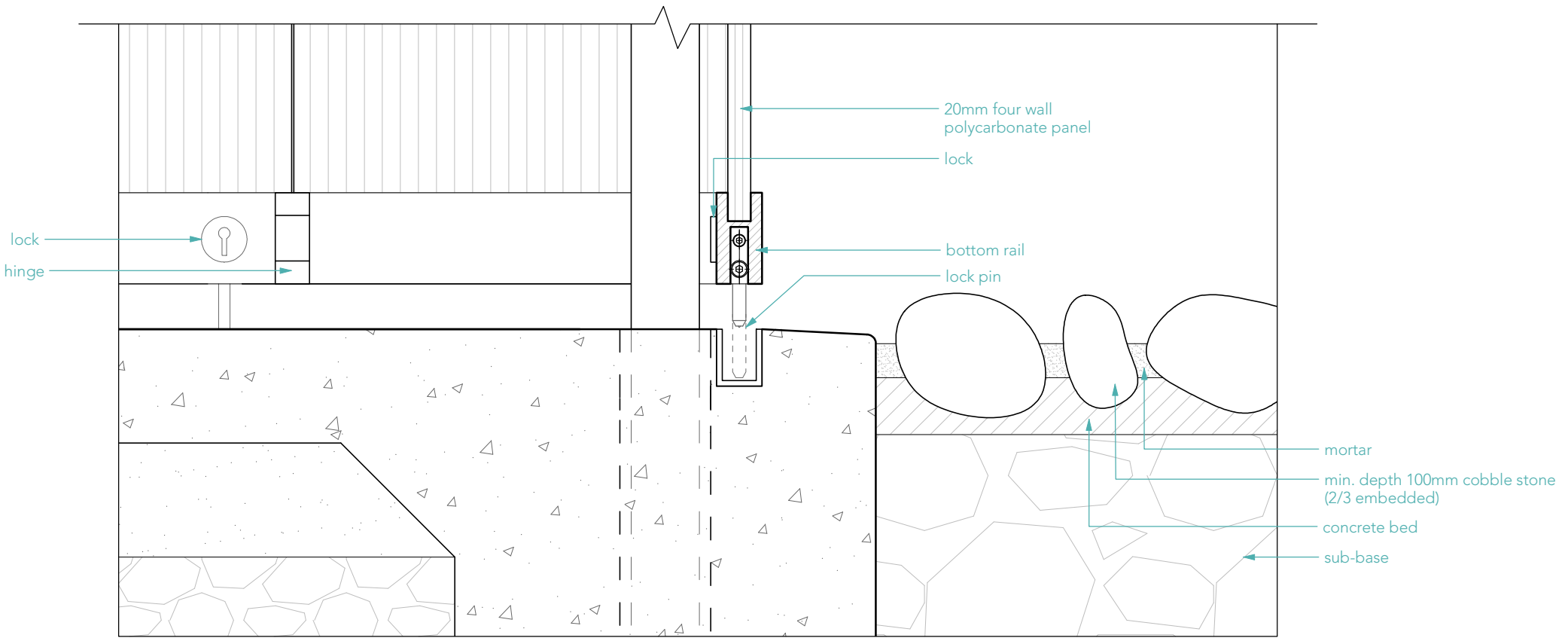
1:20

0 0.2 0.5 1m



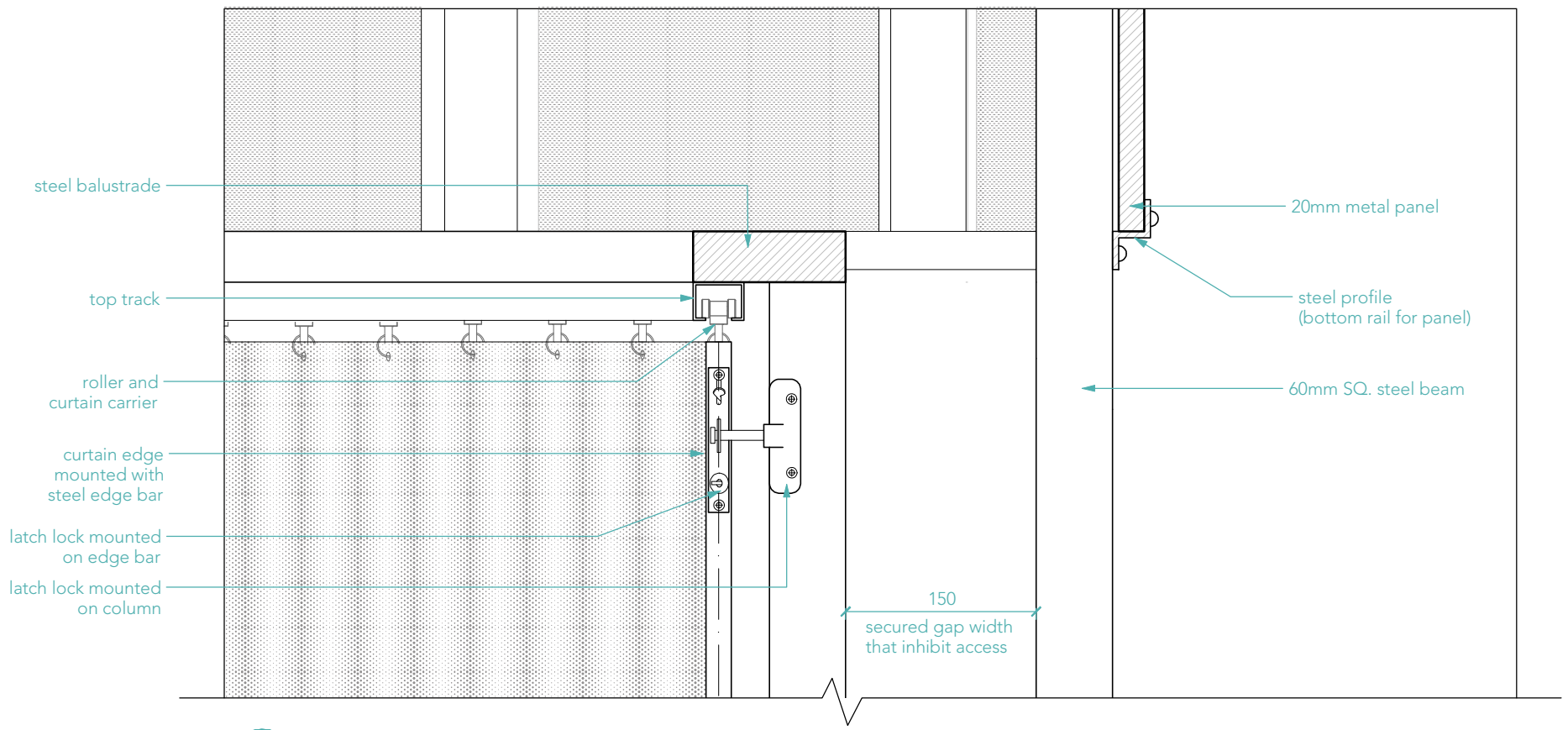
B ROOF & TOP TRACK (curtain type 3)

1:5



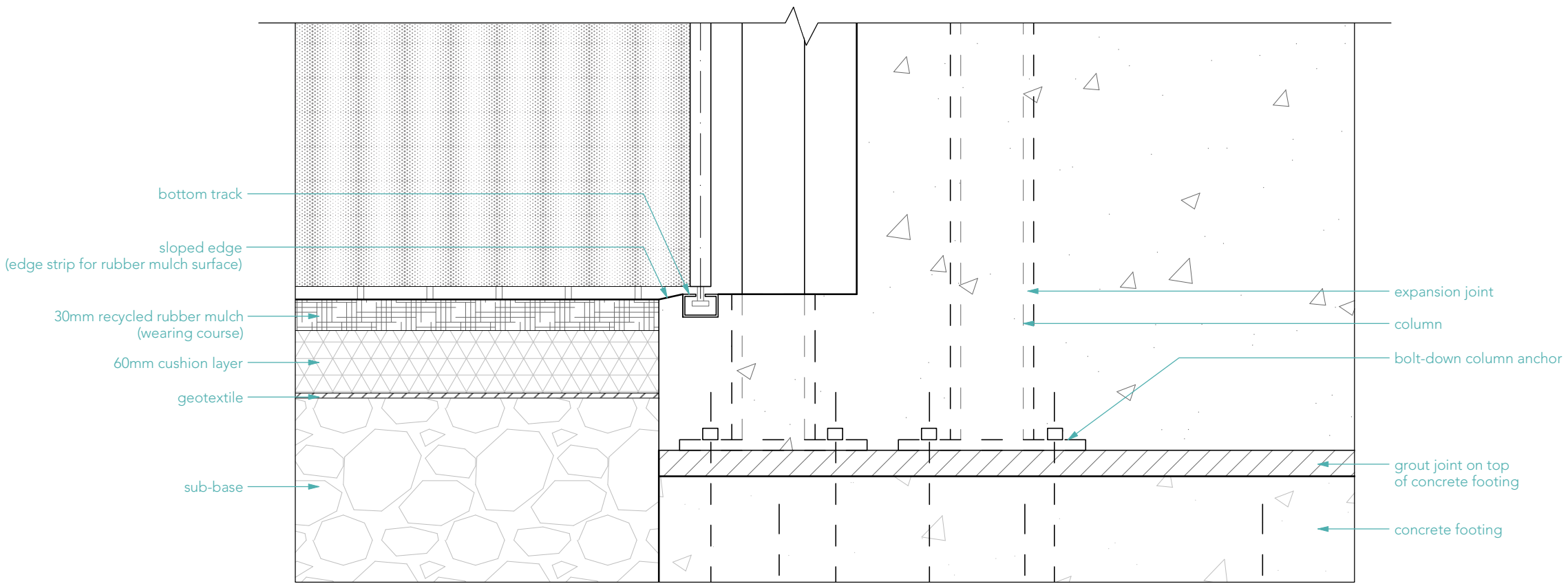
C BOTTOM TRACK (curtain type 3)

1:5



D BALUSTRADE & TOP TRACK (cutain type 1)

1:5



E EDGE STRIP & BOTTOM TRACK (cutain type 1)

1:5