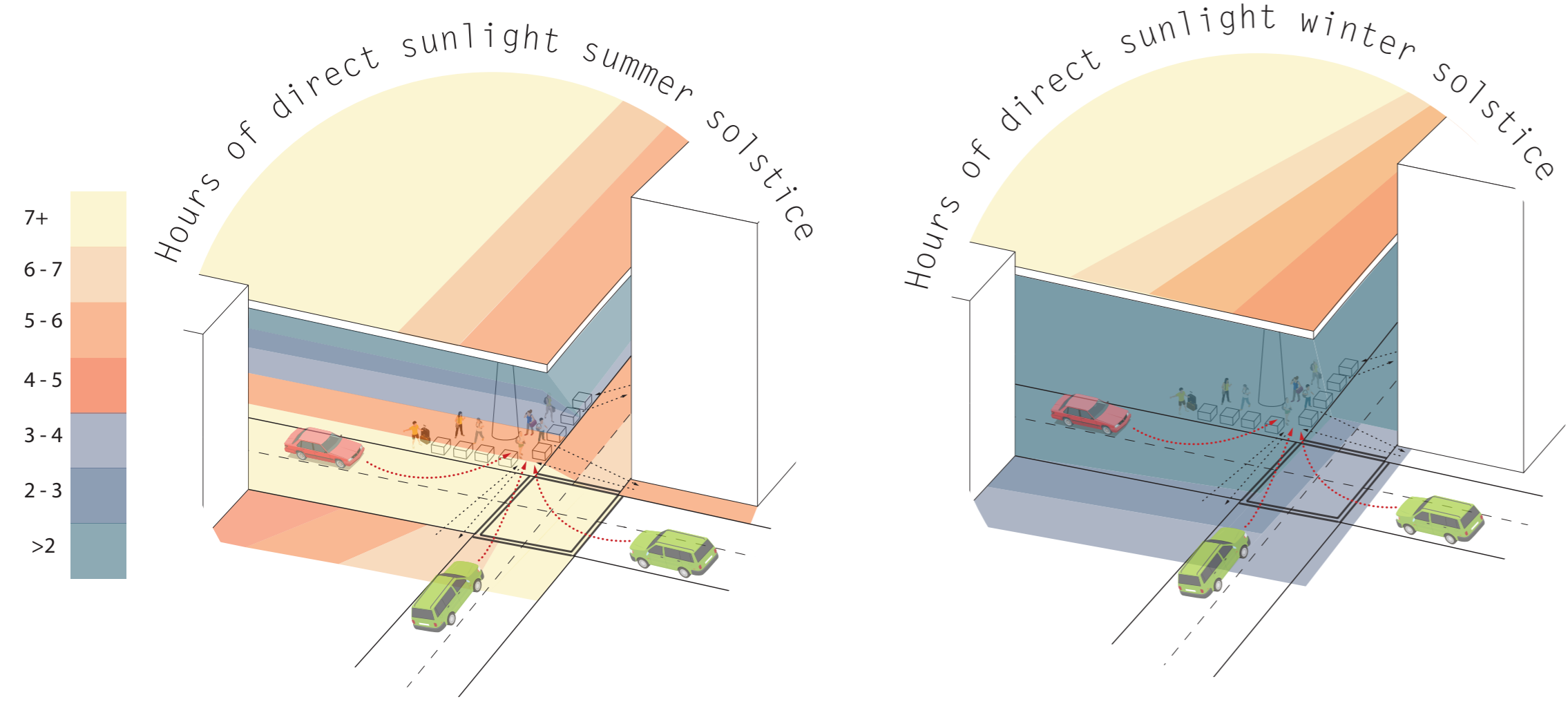
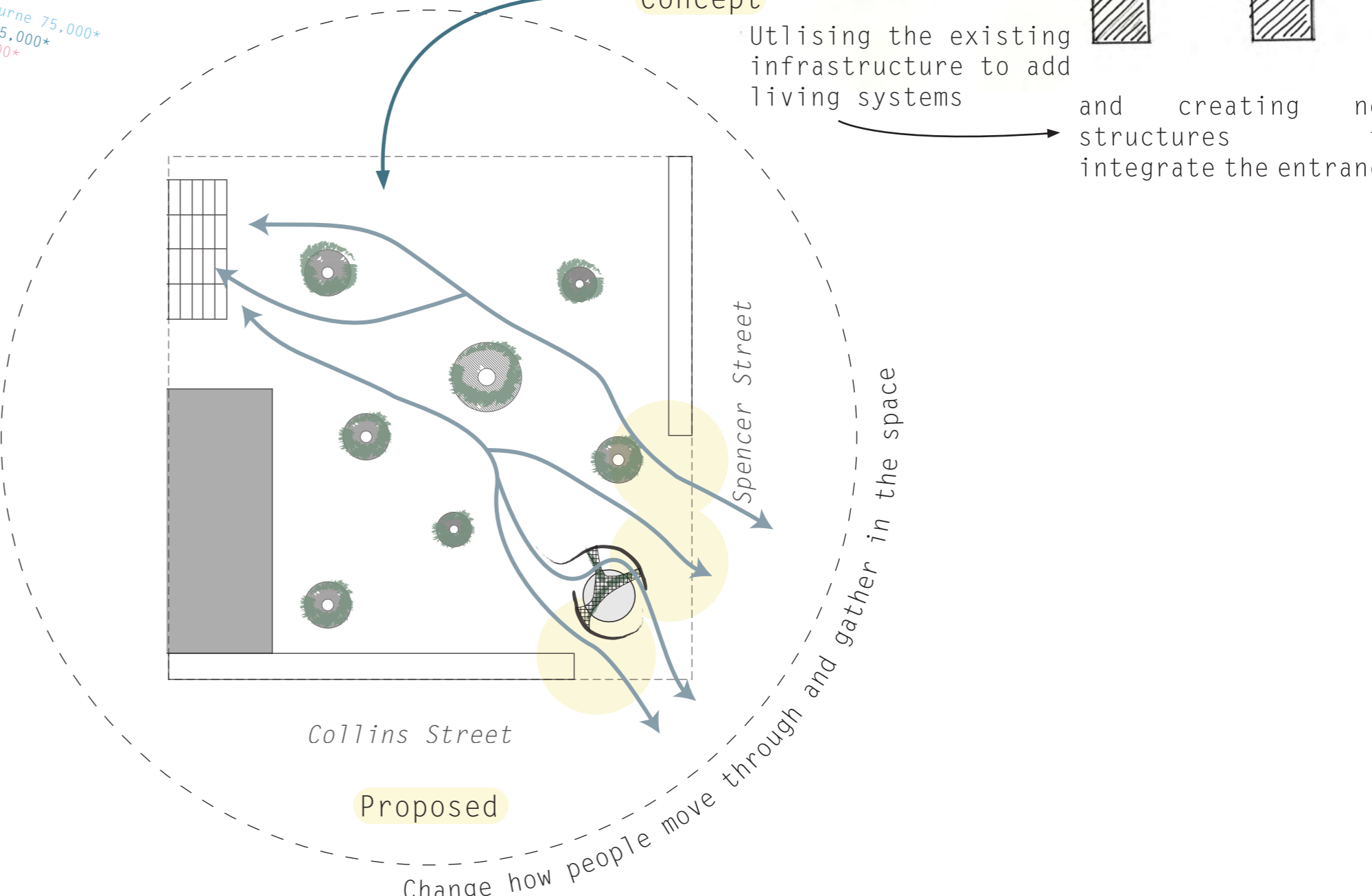
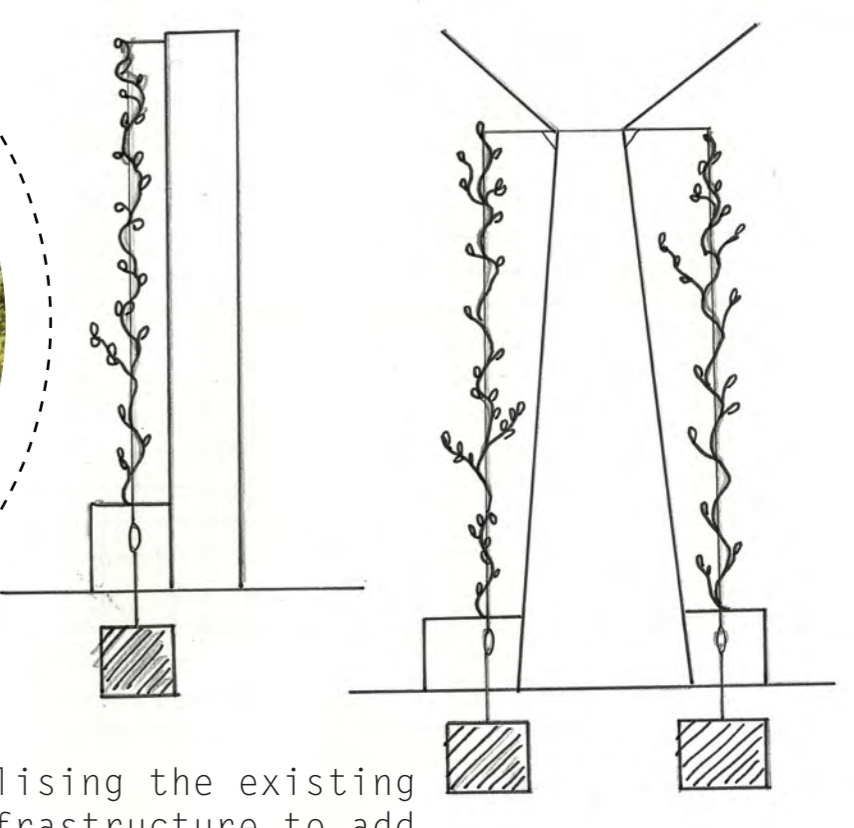
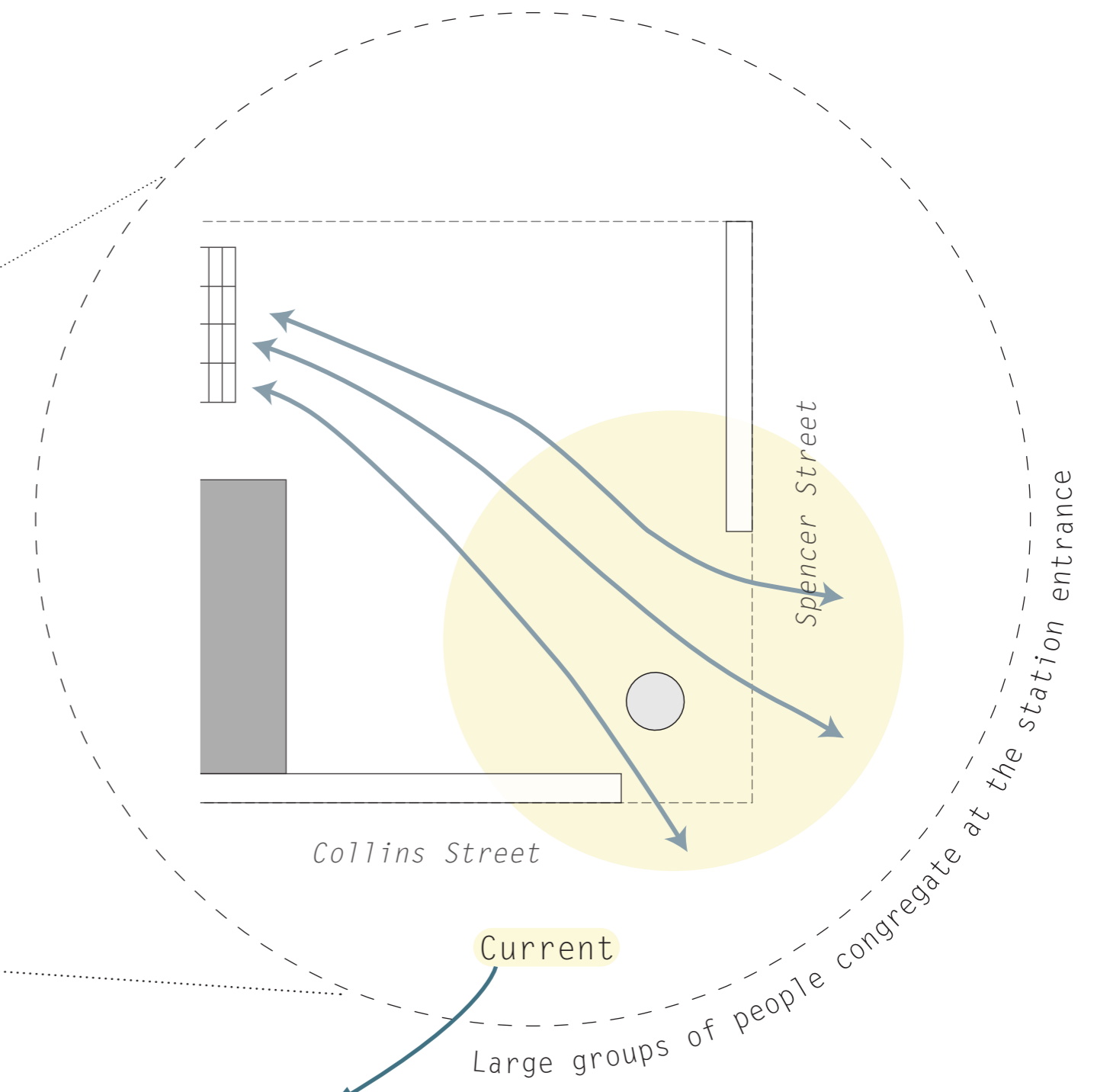
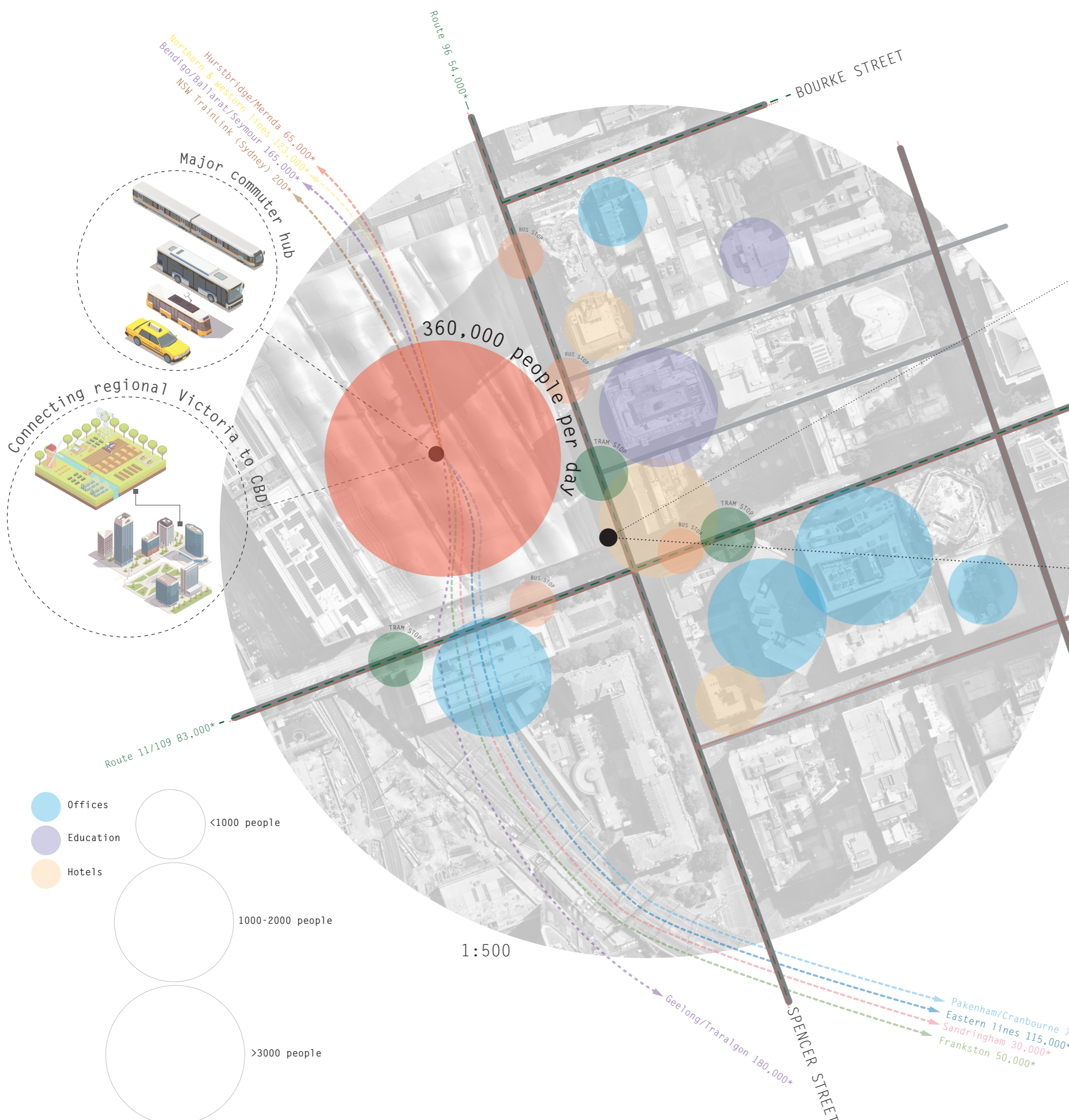
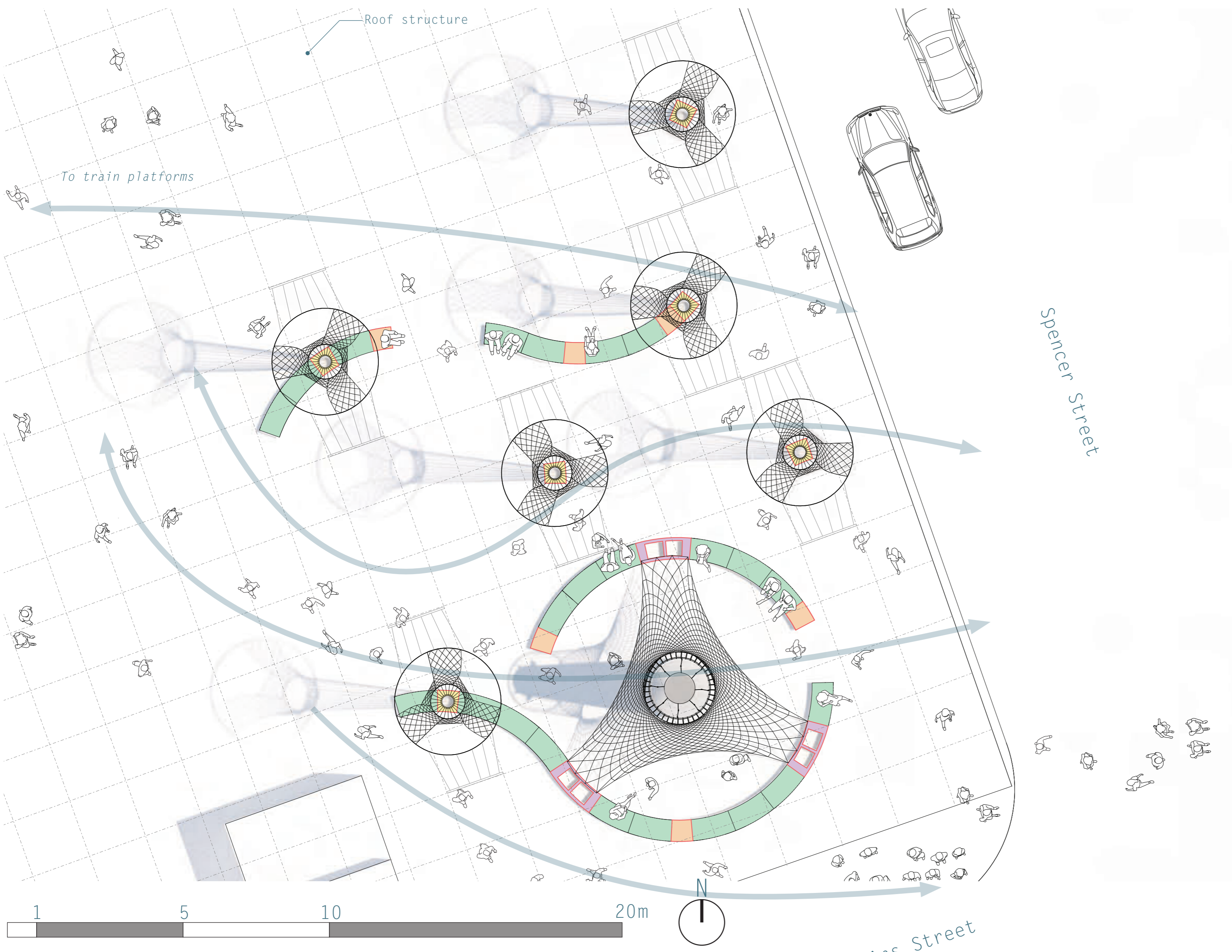


PARASITUS

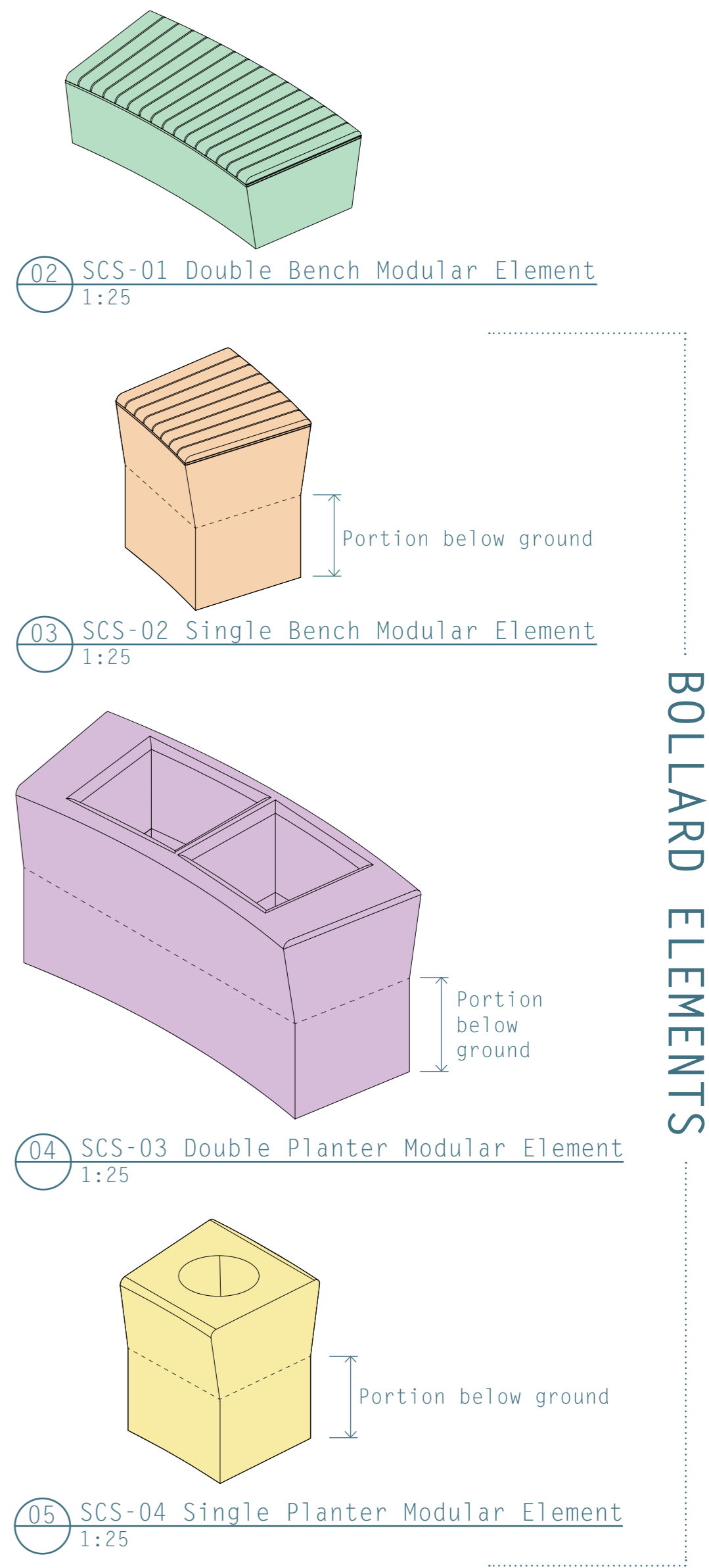
SOUTHERN CROSS HOSTILE VEHICLE MITIGATION PROJECT

DALLAS (Virginia Overell, Anthony Romano & Dingyi Su)

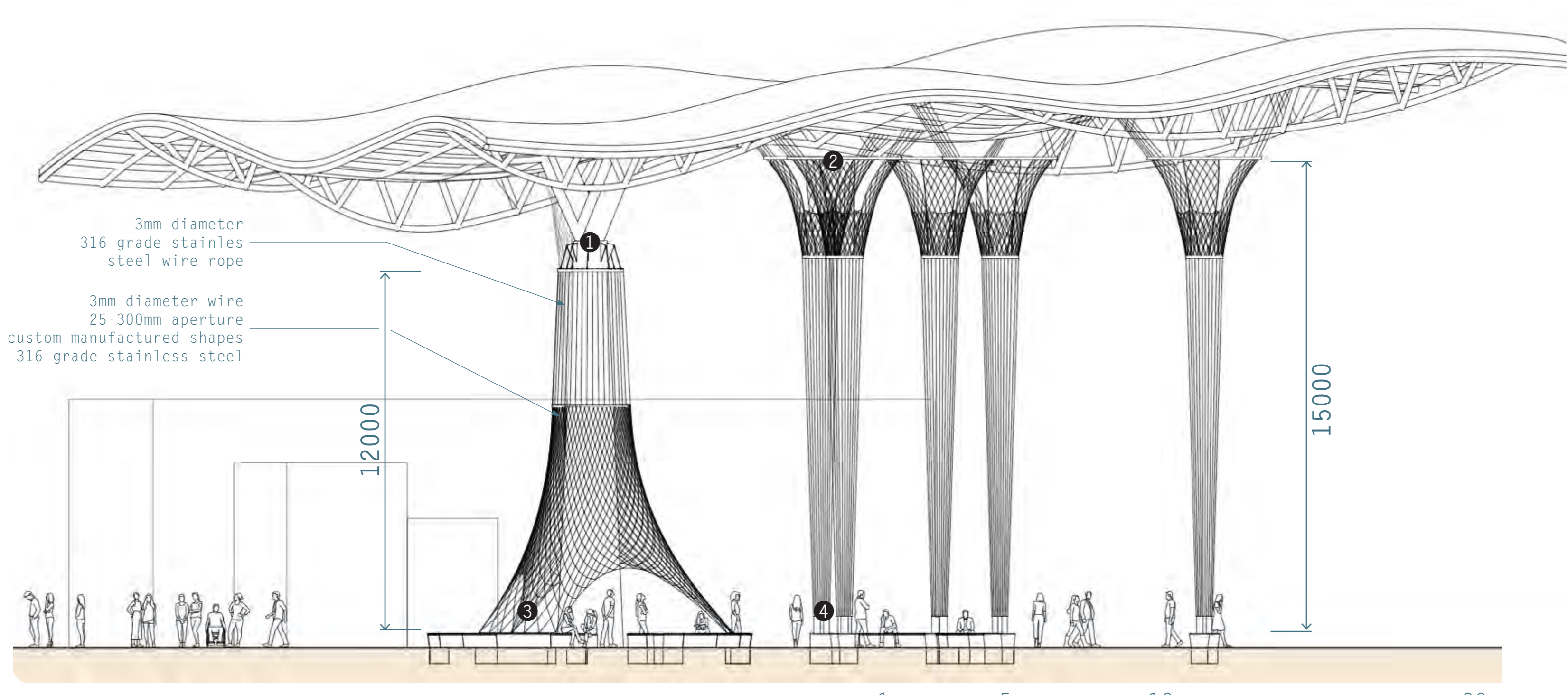




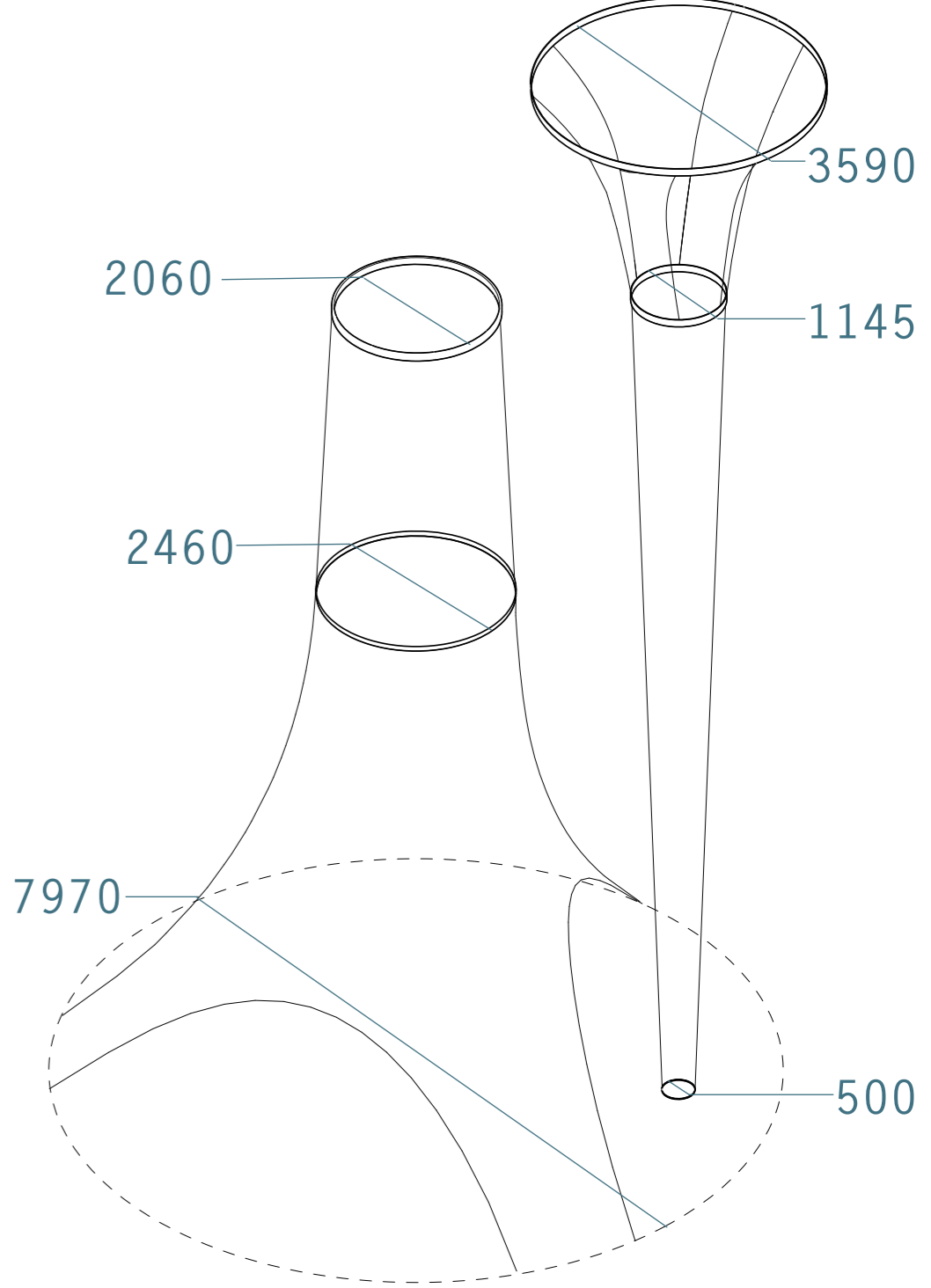
01 Southern Cross Station Southeastern Entry Plan
1:100



BOLLARD ELEMENTS

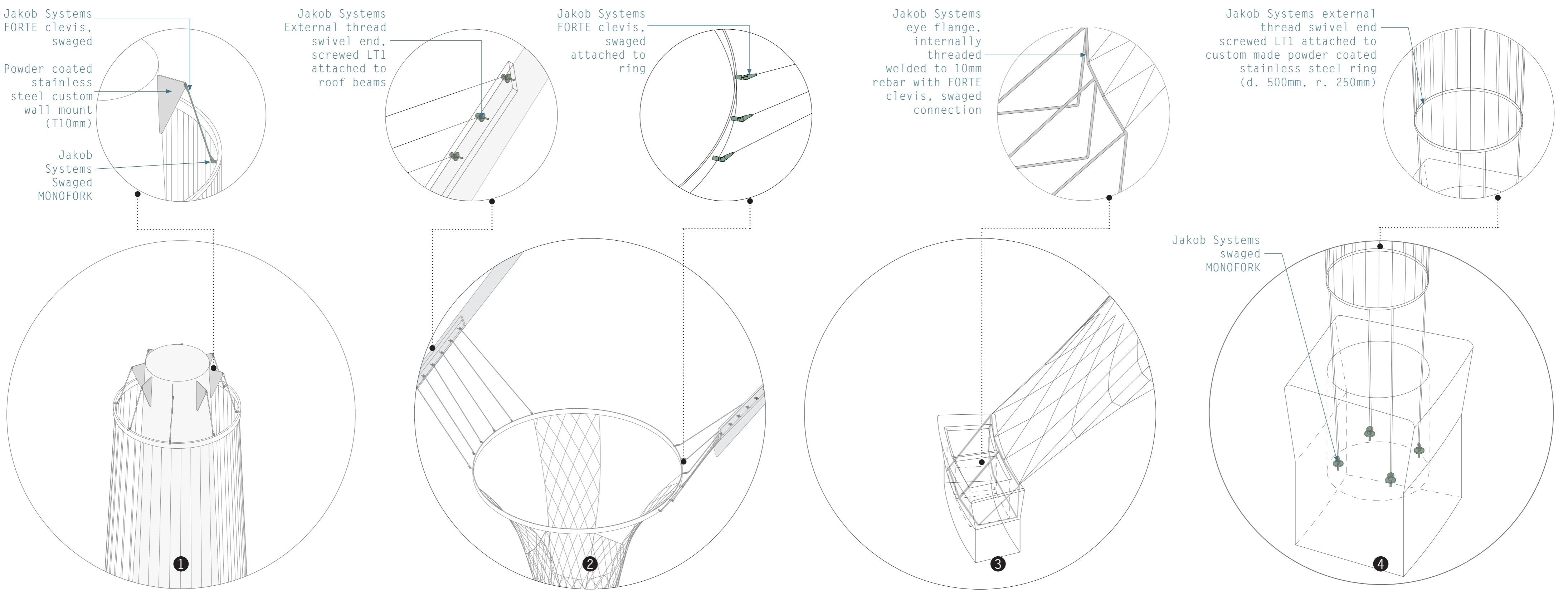


06 Southern Cross Station West Elevation
1:200



07 SCS-04 Parasite Element Measurements

CONNECTION SPECIFICATIONS



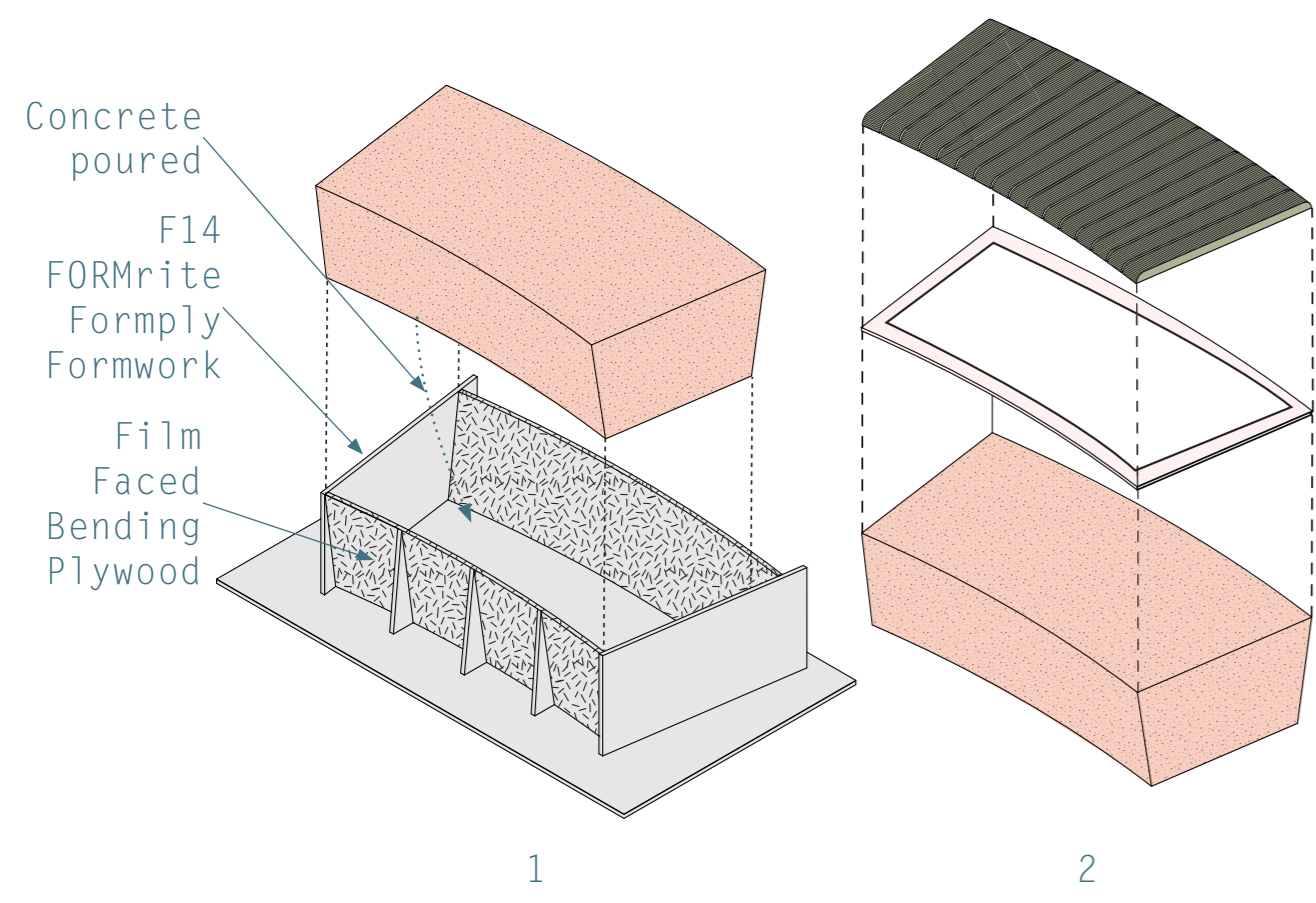
08 Parasite Top Connection
1:20

09 Inverse Parasite Top Connection
1:20

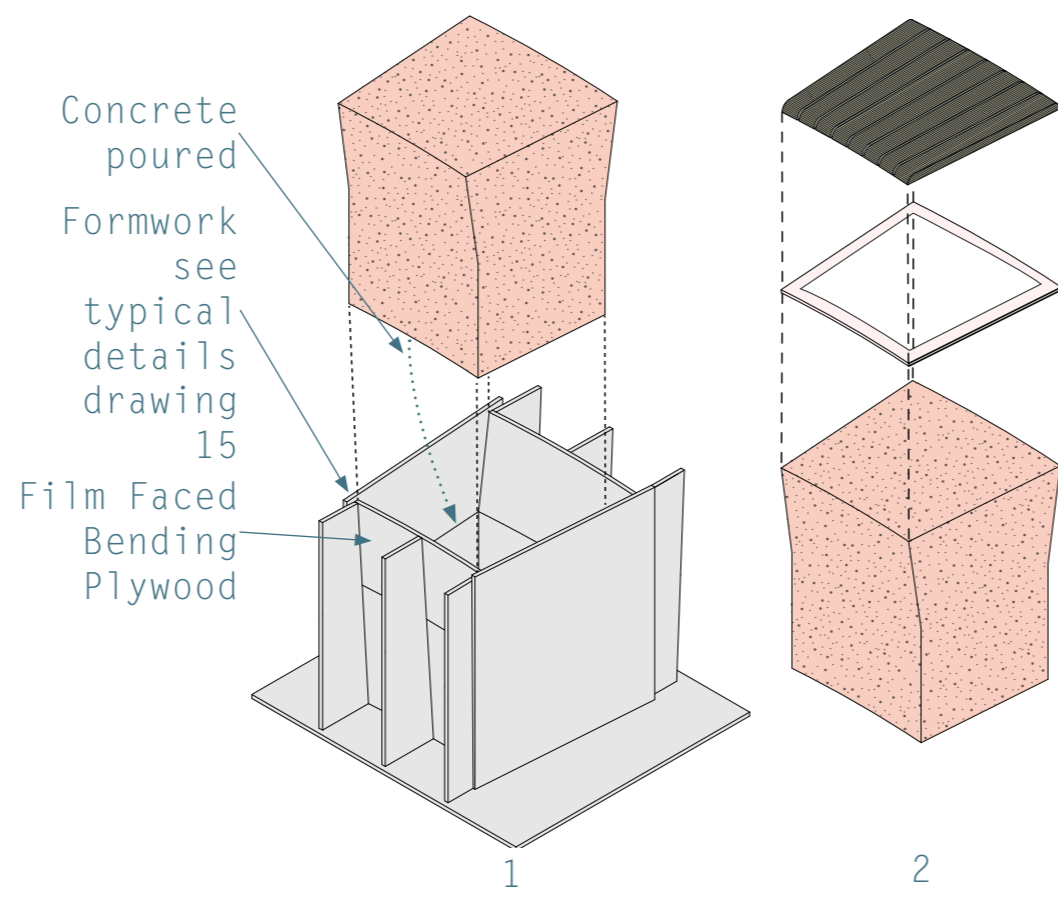
10 Parasite Connection to Double Planter
1:20

11 Inverse Parasite Connection to Single Planter
1:20

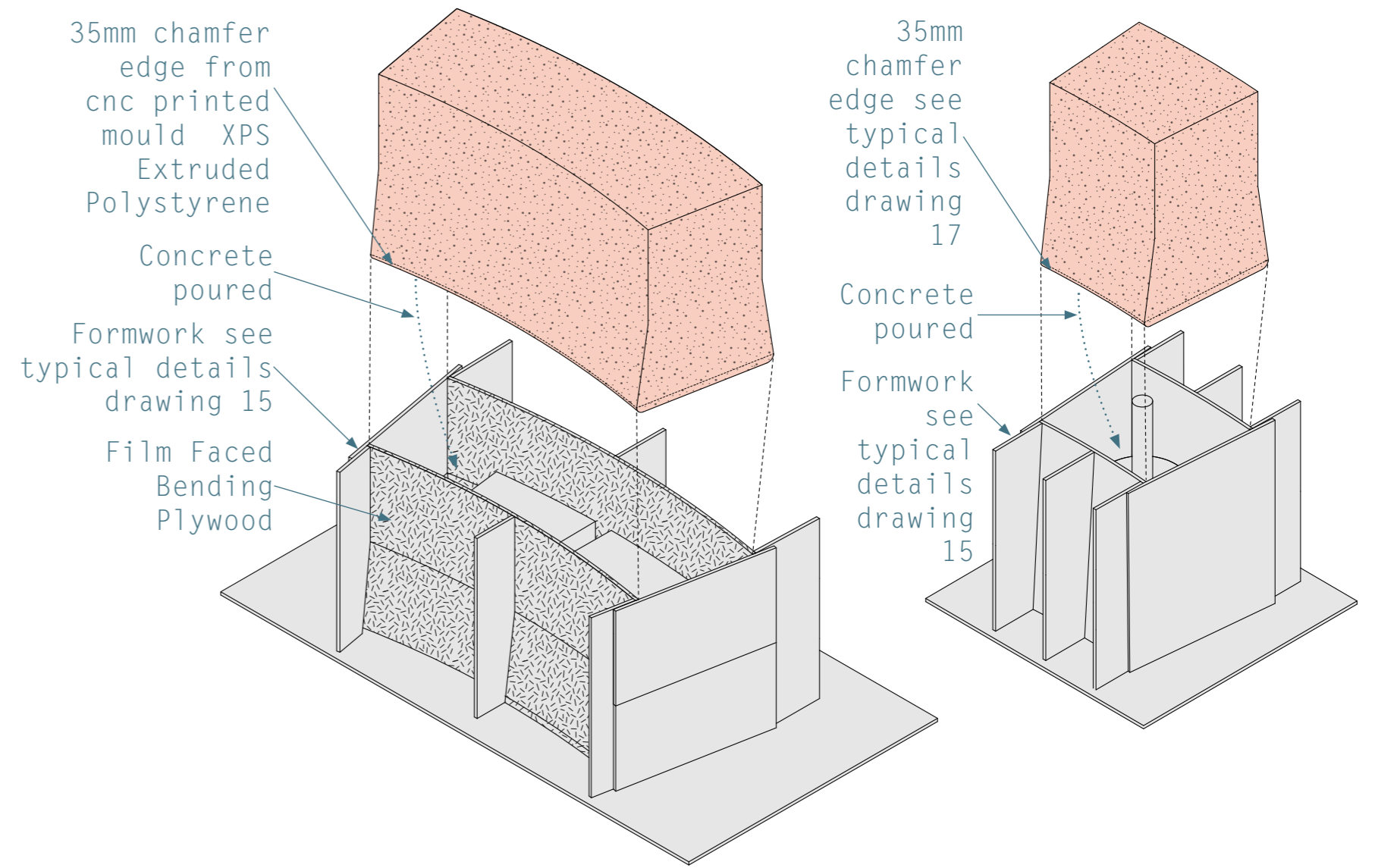
HOW THE MODULES COME TOGETHER



12 SCS-01 Double Bench Diagram
1:25

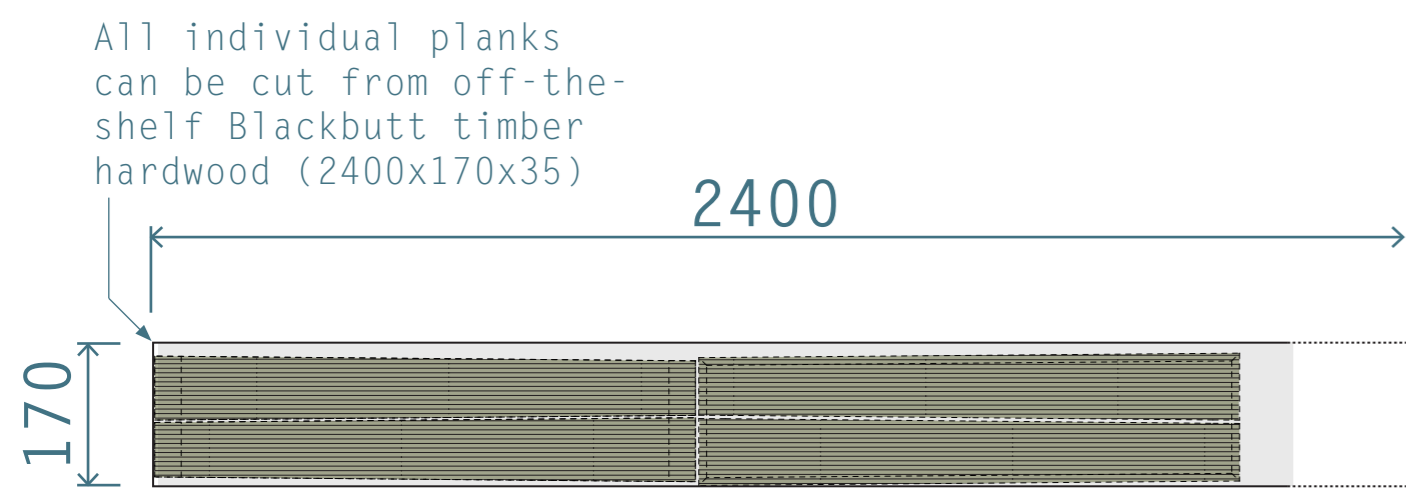


13 SCS-02 Single Bench Diagram
1:25

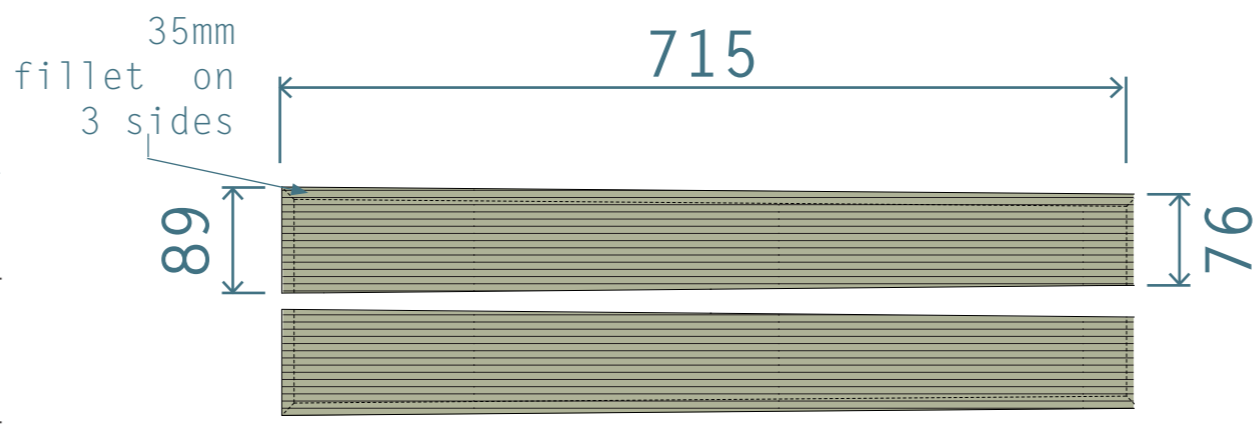


14 SCS-03 Double Planter Diagram
1:25

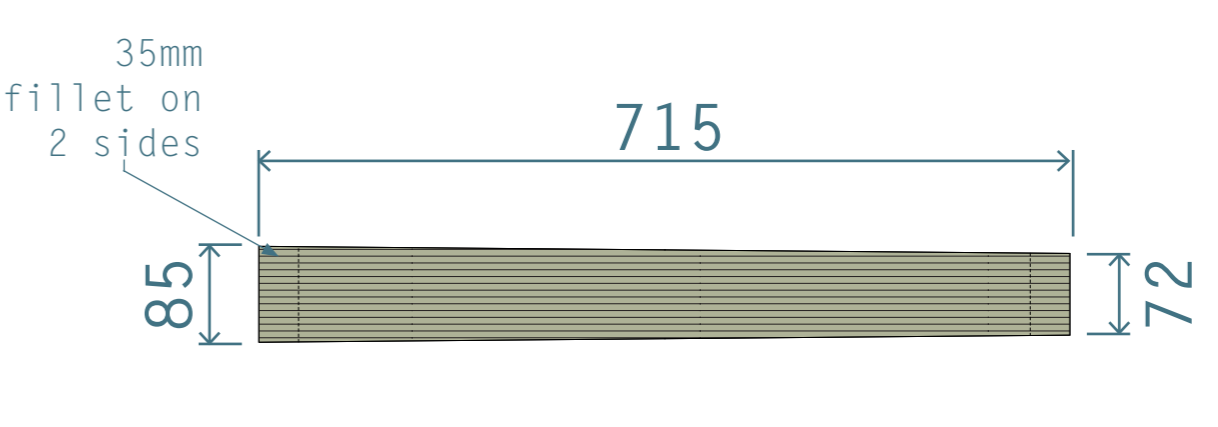
15 SCS-04 Single Planter Diagram
1:25



16 Timber Plank Generation Diagram
1:25

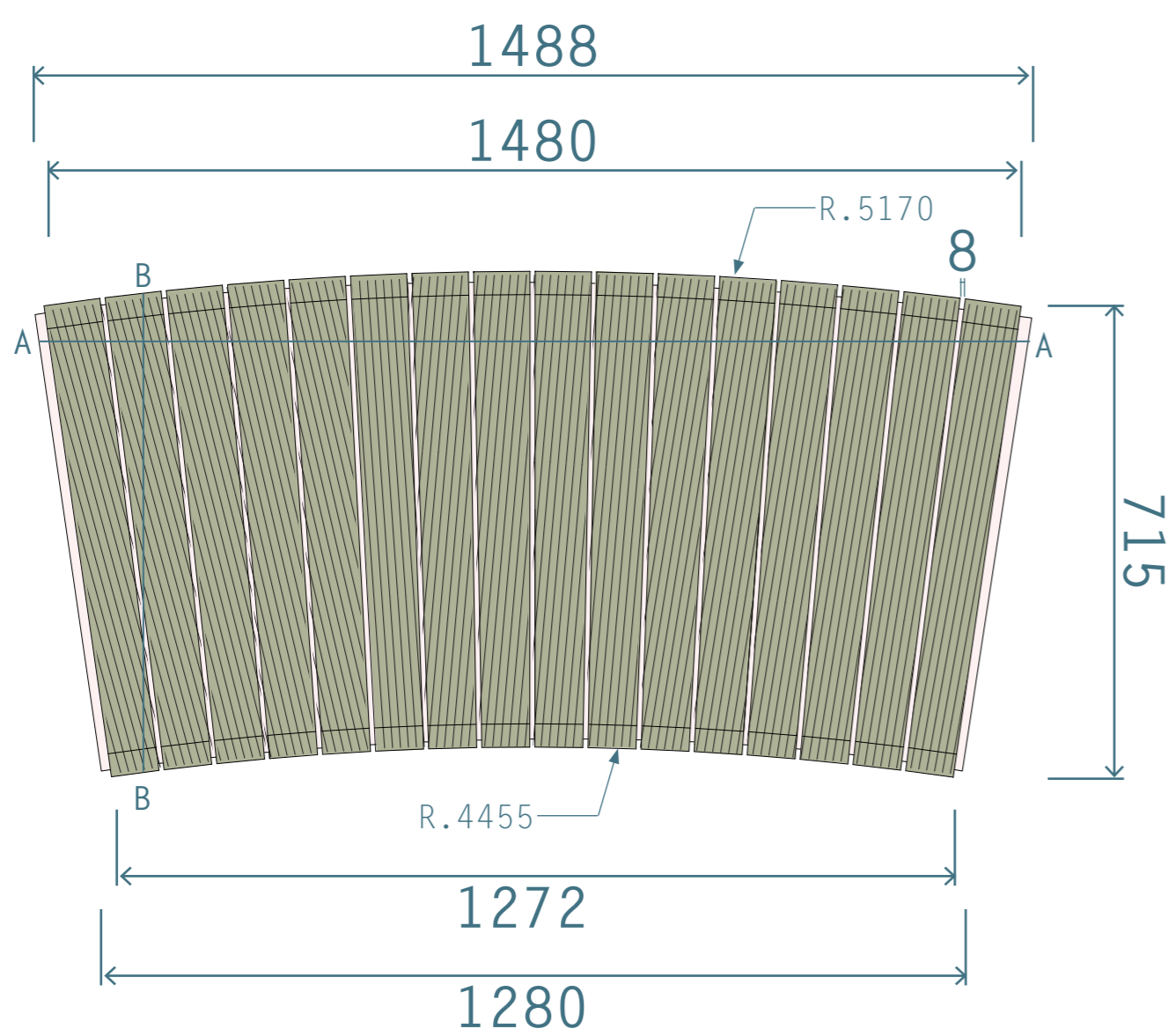


17 SCS-05 Edge Plank Plan
1:5



18 SCS-06 Interior Plank Plan
1:5

BENCH SPECIFICATIONS

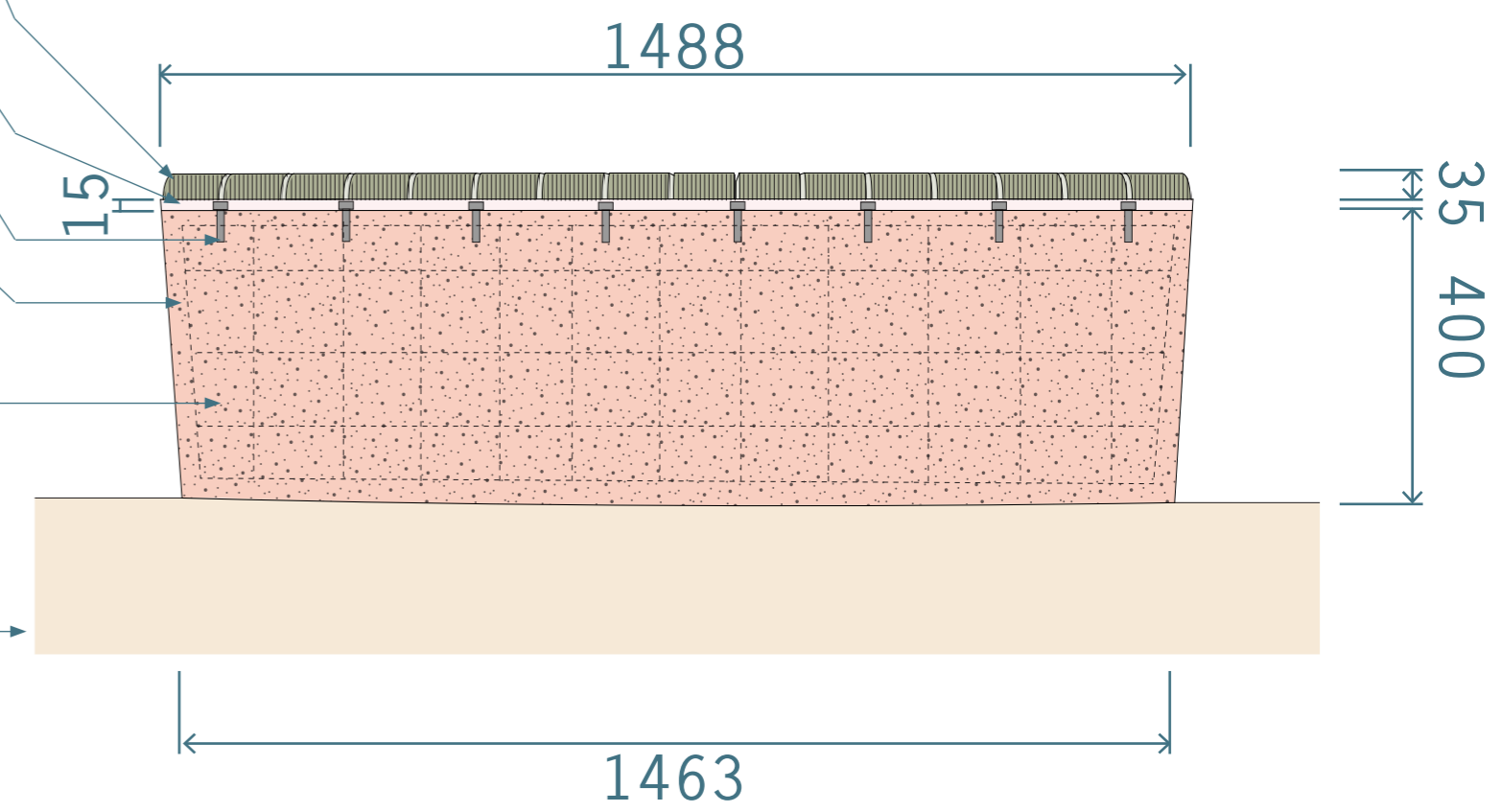


19 SCS-01 Double Bench Plan
1:10

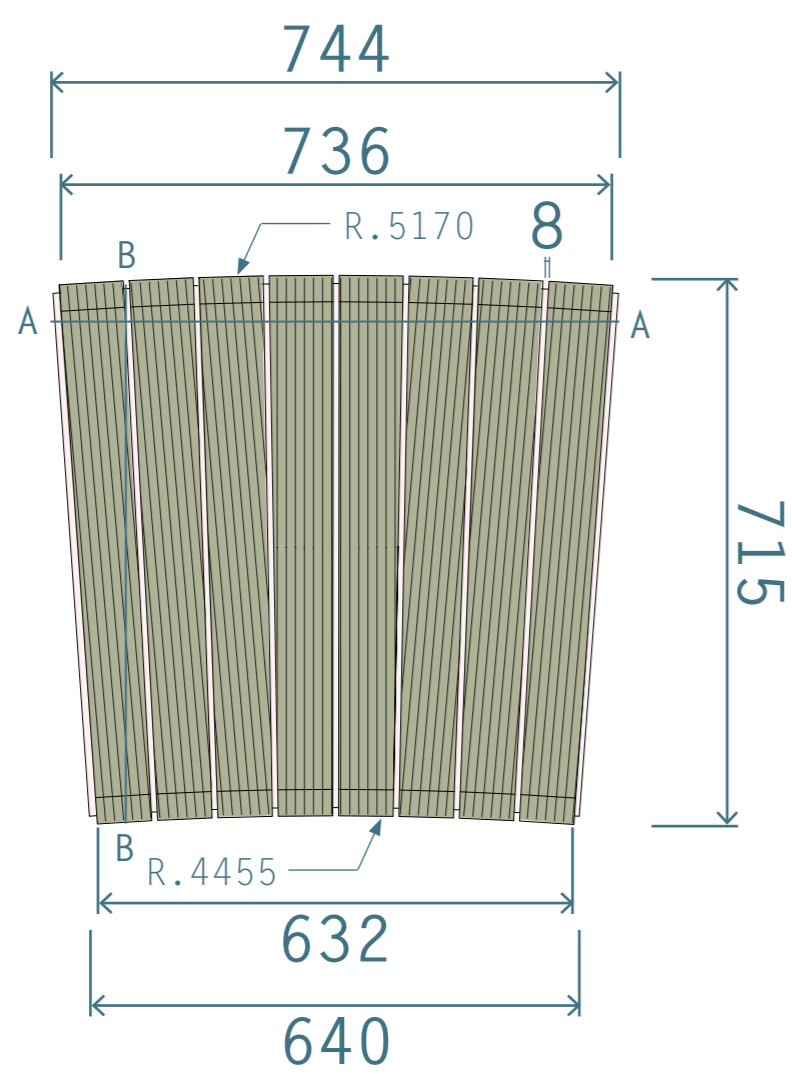
Blackbutt timber planks x16, see typical drawings 17 & 18
End planks: offset 4mm 3 sides with 35mm fillet
Interior planks: 2 sides with 35mm fillet
8mm gap between all planks
Finished with Woca exterior wood oil
Fixed beneath to steel frame

Stainless steel frame matte satin chrome powder coat finish
M8 Chemset rear fixing steel to timber x32
M5 AnkaScrew fixing to concrete x6
Keybox Reinforcement Continuity Bar 5mm (constructed for specific modular frame)

High-strength concrete 65MPa
General purpose cement (55%)
Washed sand (15%)
10mm washed aggregate (30%)
Concrete Colour Solutions Colour Mix Charcoal

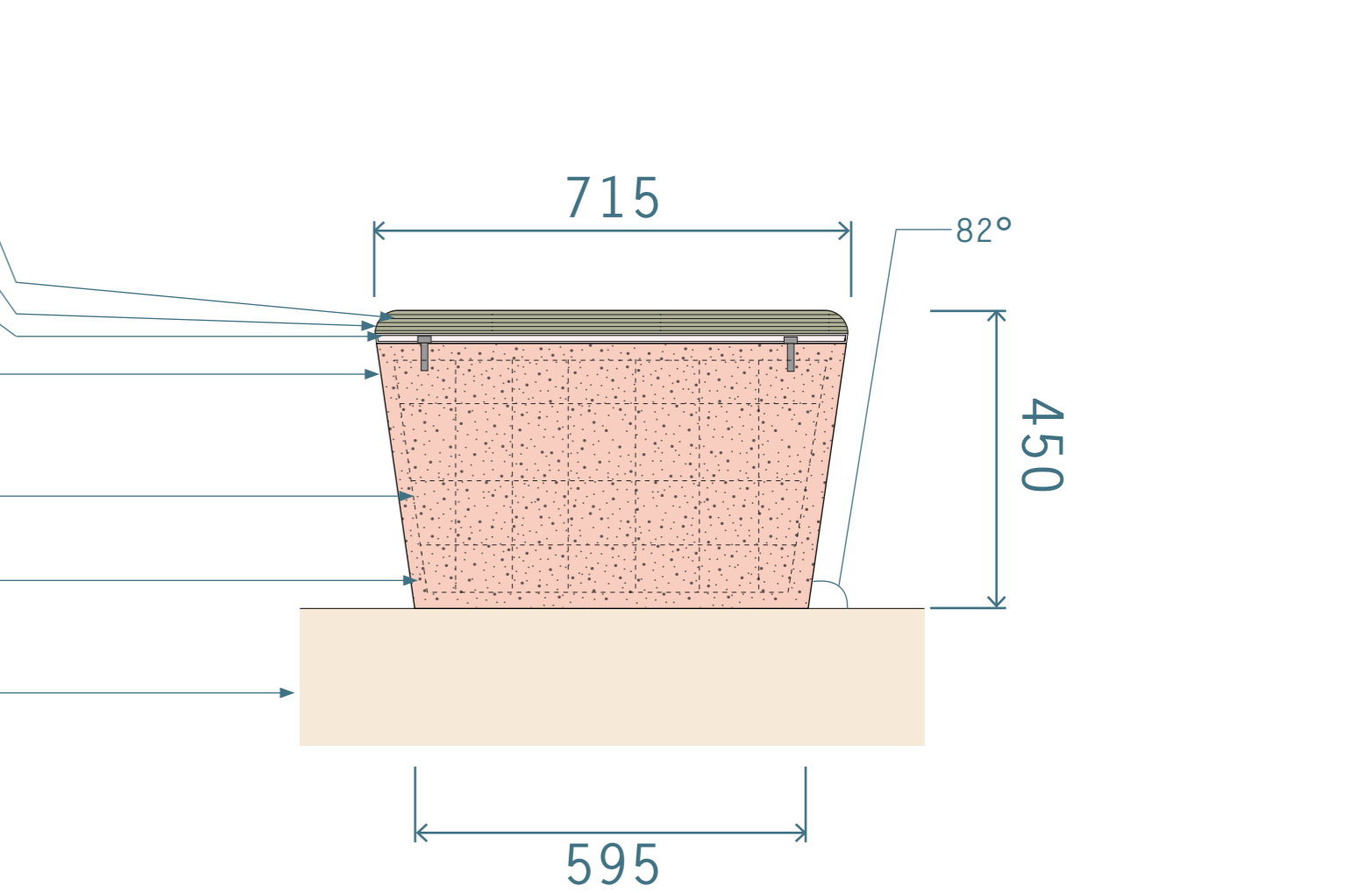


20 SCS-01 Double Bench Details AA
1:10

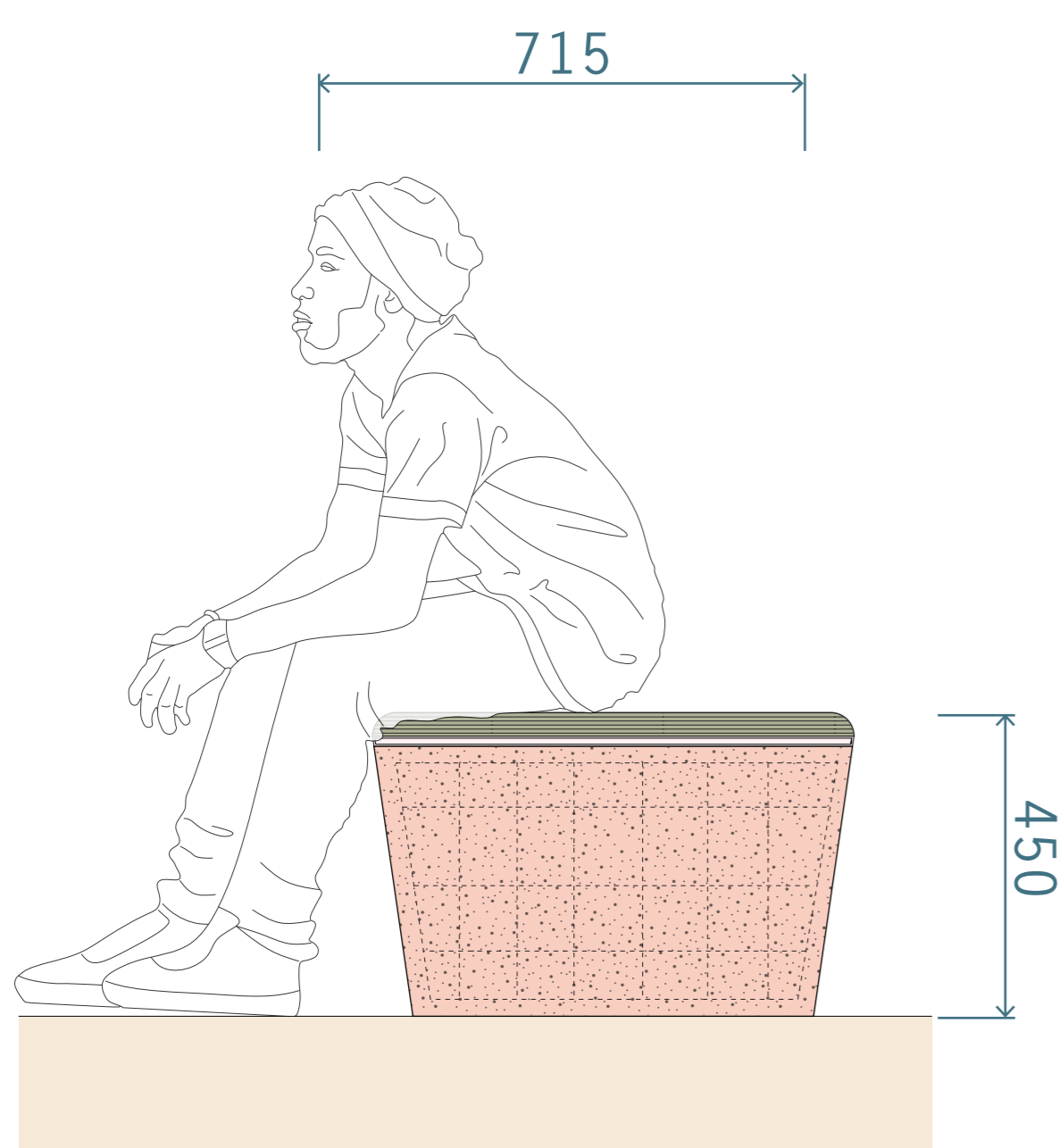


21 SCS-02 Single Bench Plan
1:10

Blackbutt timber planks, see typical details drawing 20
35mm fillet on exterior edges
Stainless steel frame, see typical details drawing 20
Bench concrete constructed off-site (see drawings 12 & 13)
Timber and steel frame attached on site (see drawing 20)
Refer to rebar typical detail drawing 20
High-strength concrete (Designed Mix)
See typical details drawing 20

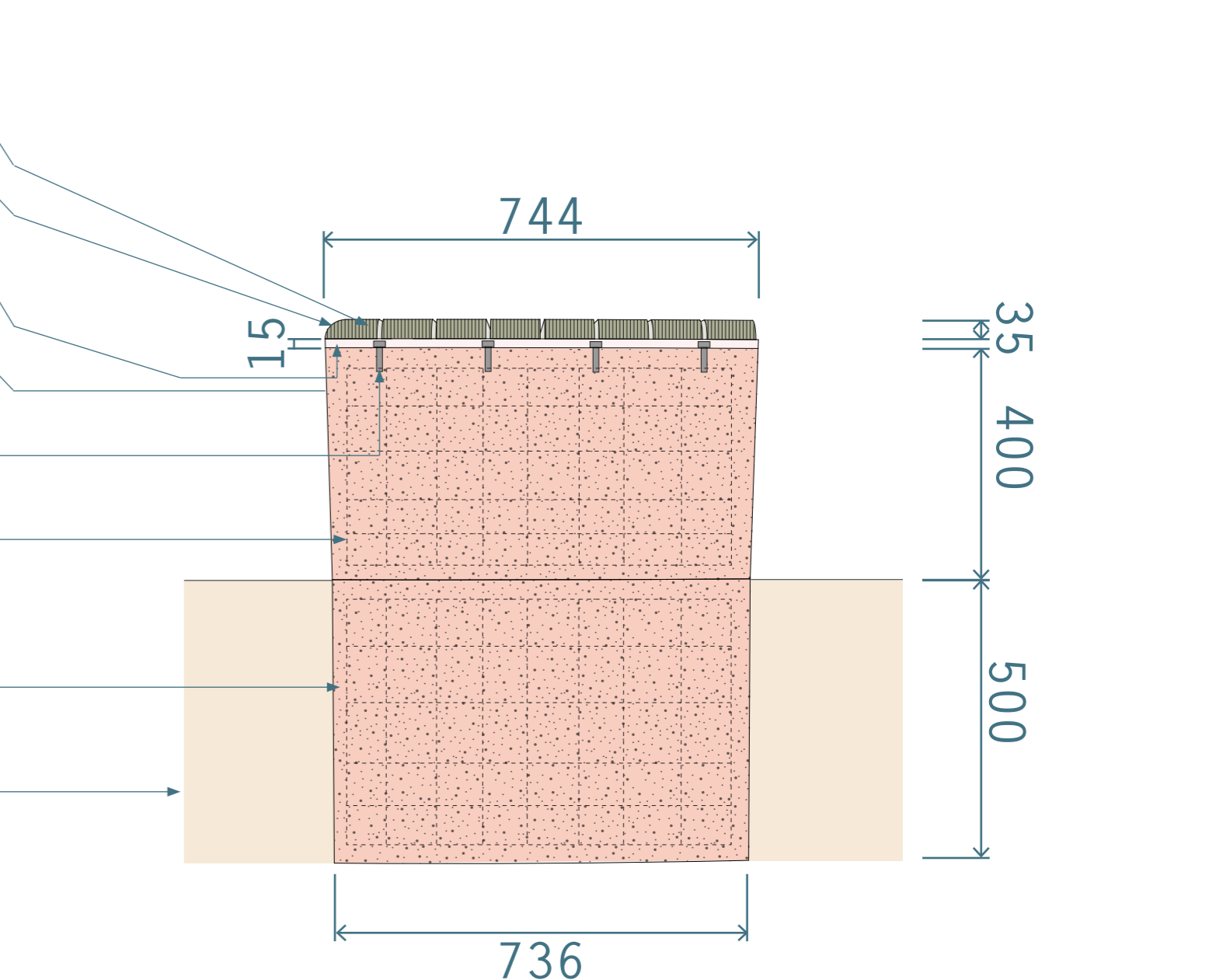


22 SCS-01/02 Double/Single Bench Section BB
1:10



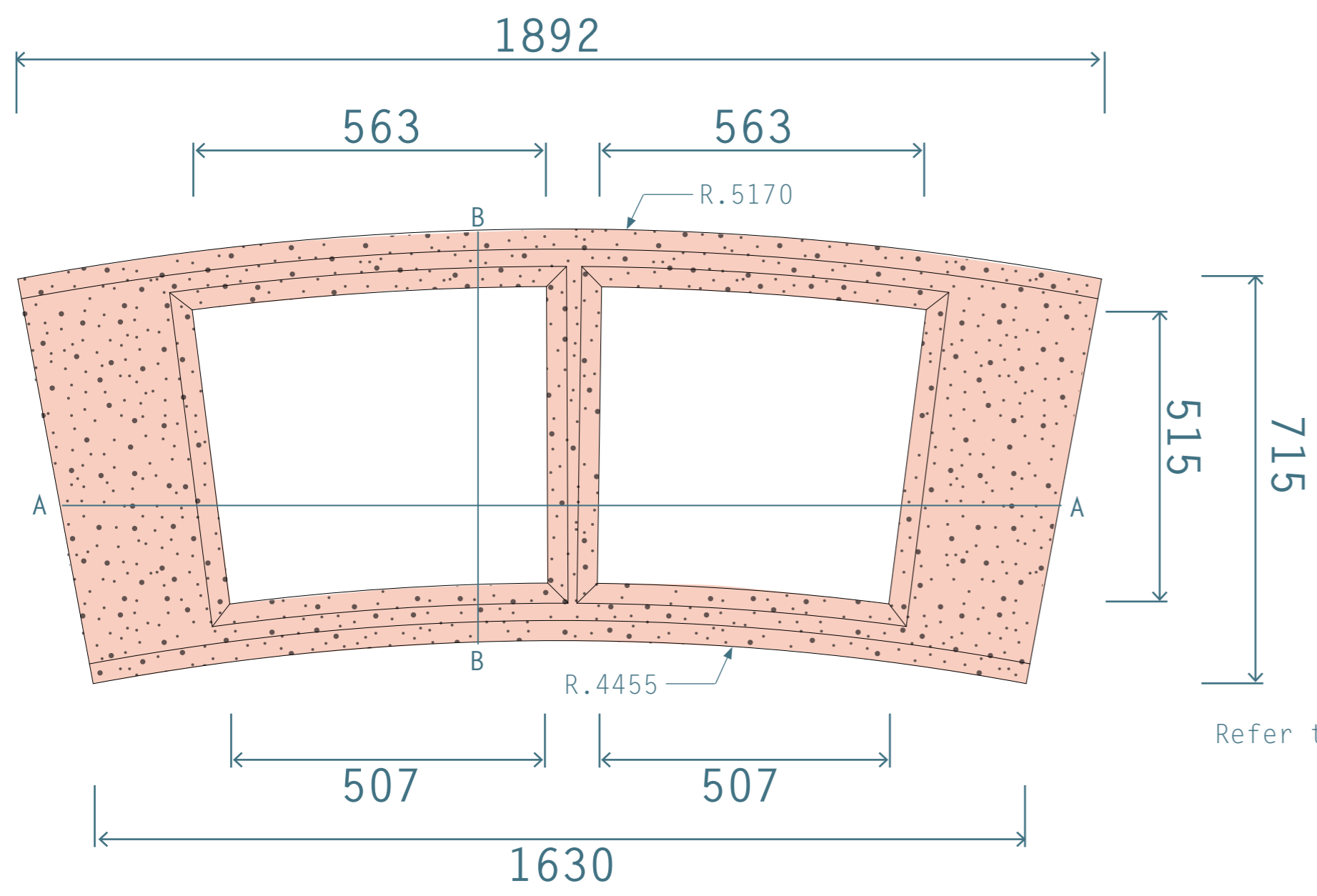
23 SCS-02 Single Bench Elevation
1:10

Blackbutt timber planks x8, see typical details drawing 20
35mm fillet on exterior edges
Stainless steel frame, see typical details drawing 20
Bench concrete constructed off-site (see drawing 13)
Timber and steel frame attached on site
M8 Chemset rear fixing steel to timber x16
M5 AnkaScrew fixing to concrete x4
Refer to rebar typical detail drawing 20
High-strength concrete (Designed Mix)
See typical details drawing 20



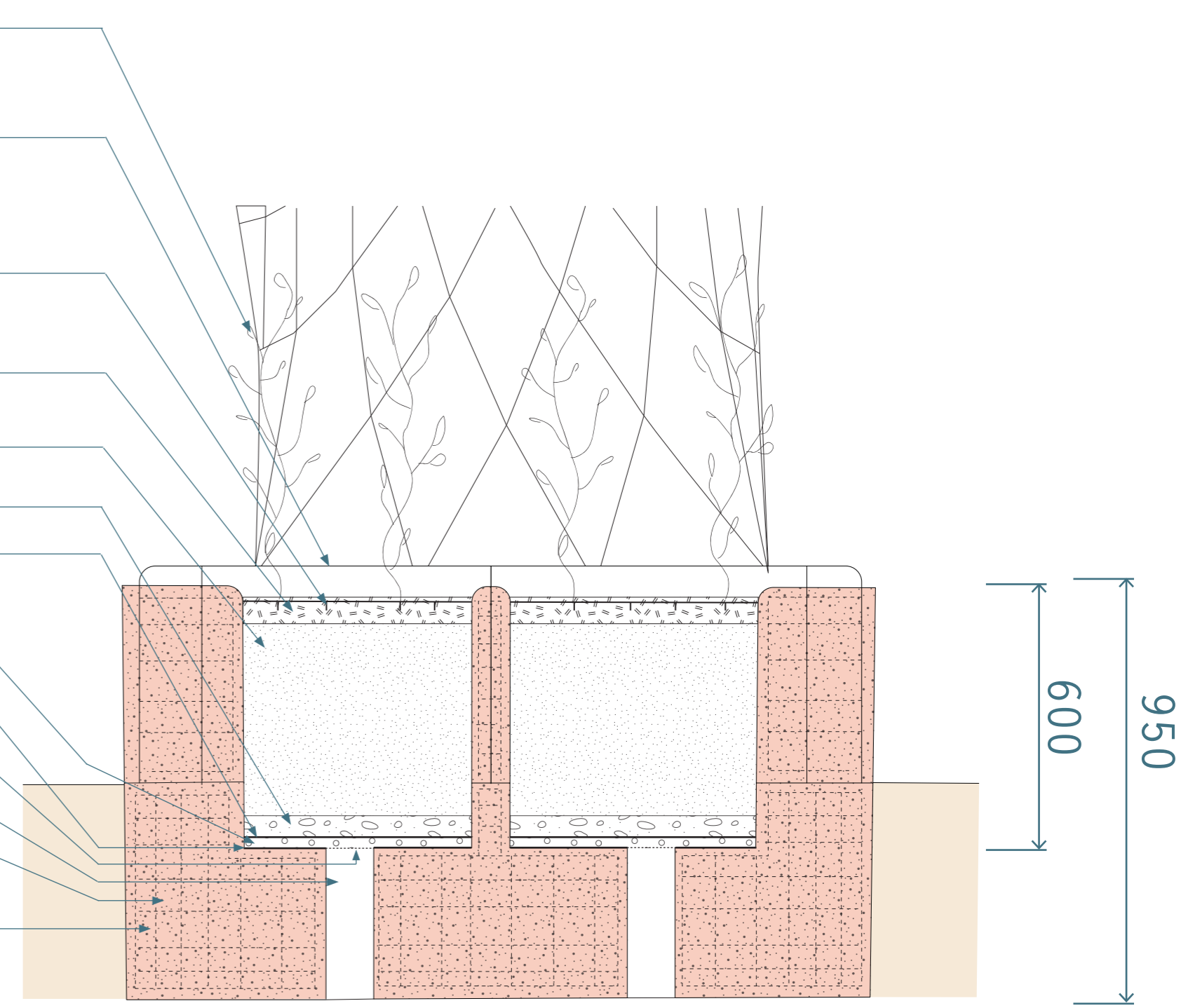
24 SCS-02 Single Bench Details AA
1:10

PLANTER SPECIFICATIONS



25 SCS-03 Double Planter Plan
1:10

- A mixture of plants specified in drawing 27 planted into each planter (x5 per planter)
- Staifix Hiproof stainless steel 10mm rebar with tensile strength 650-715MPa
- Drip Eze 13mm 2.0L/H Pressure Compensating drip line connected to mains controlled timer
- Recycled concrete crushed rock 50mm layer
- The Hills Lightweight Planter Mix
- 14mm Scoria 40mm thick layer
- Geotextile membrane
- Drainage Cell allow 20mm
- Waterproof membrane
- Stainless steel grate 90x90x15mm
- PVC stormwater pipe 90x350x1mm
- Refer to rebar typical detail drawing 20
- High-strength concrete (Designed Mix) See typical details drawing 20



26 SCS-03 Double Planter Details AA
1:10

Exterior facing mesh Interior facing mesh



Hardenbergia violacea
Happy wanderer 200mm pot size



Aphanopetalum resinum
Gum vine 200mm pot size

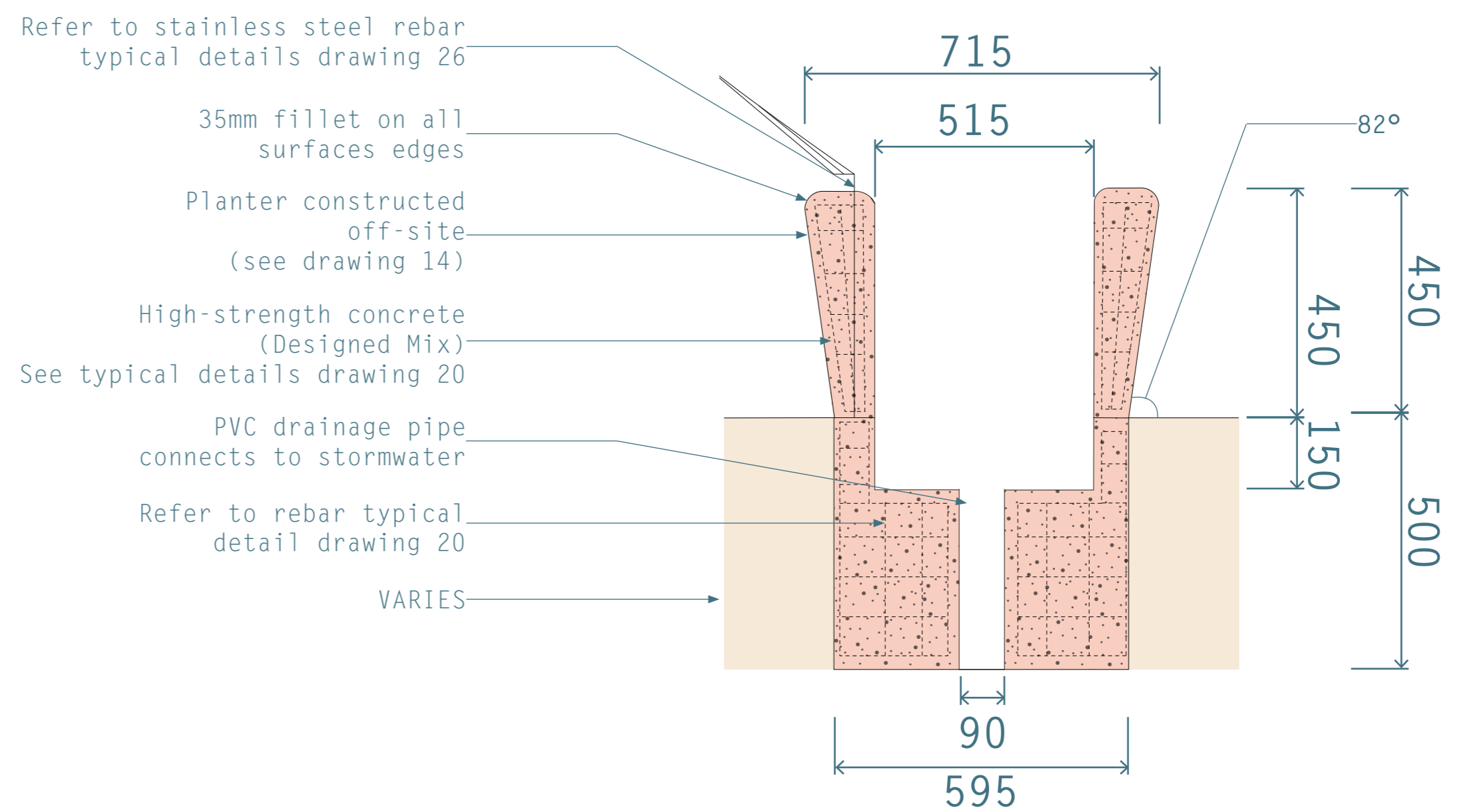


Trachelospermum jasminoides
Star jasmine 200mm pot size

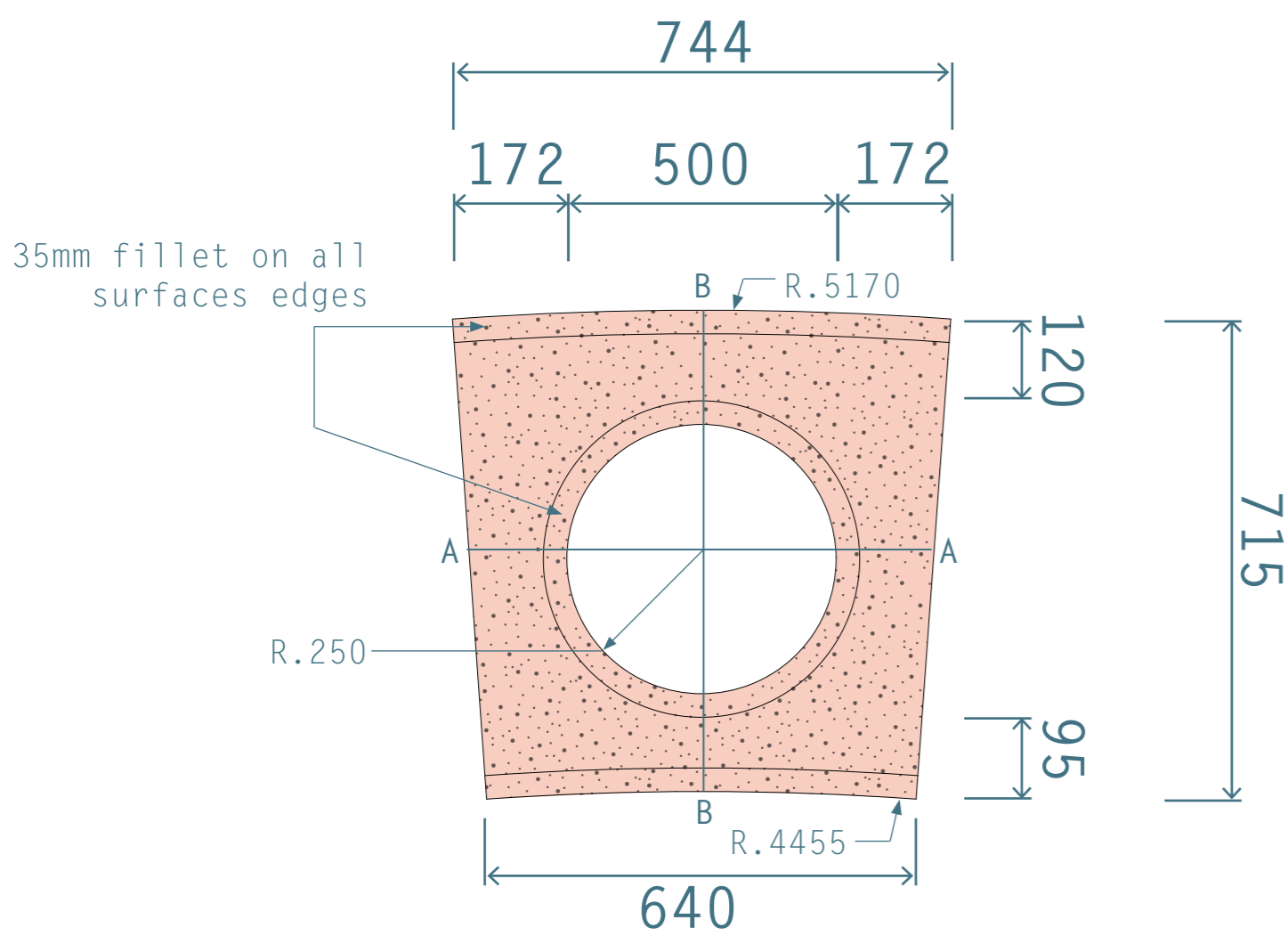


Cissus antarctica
Kangaroo vine 140mm pot size

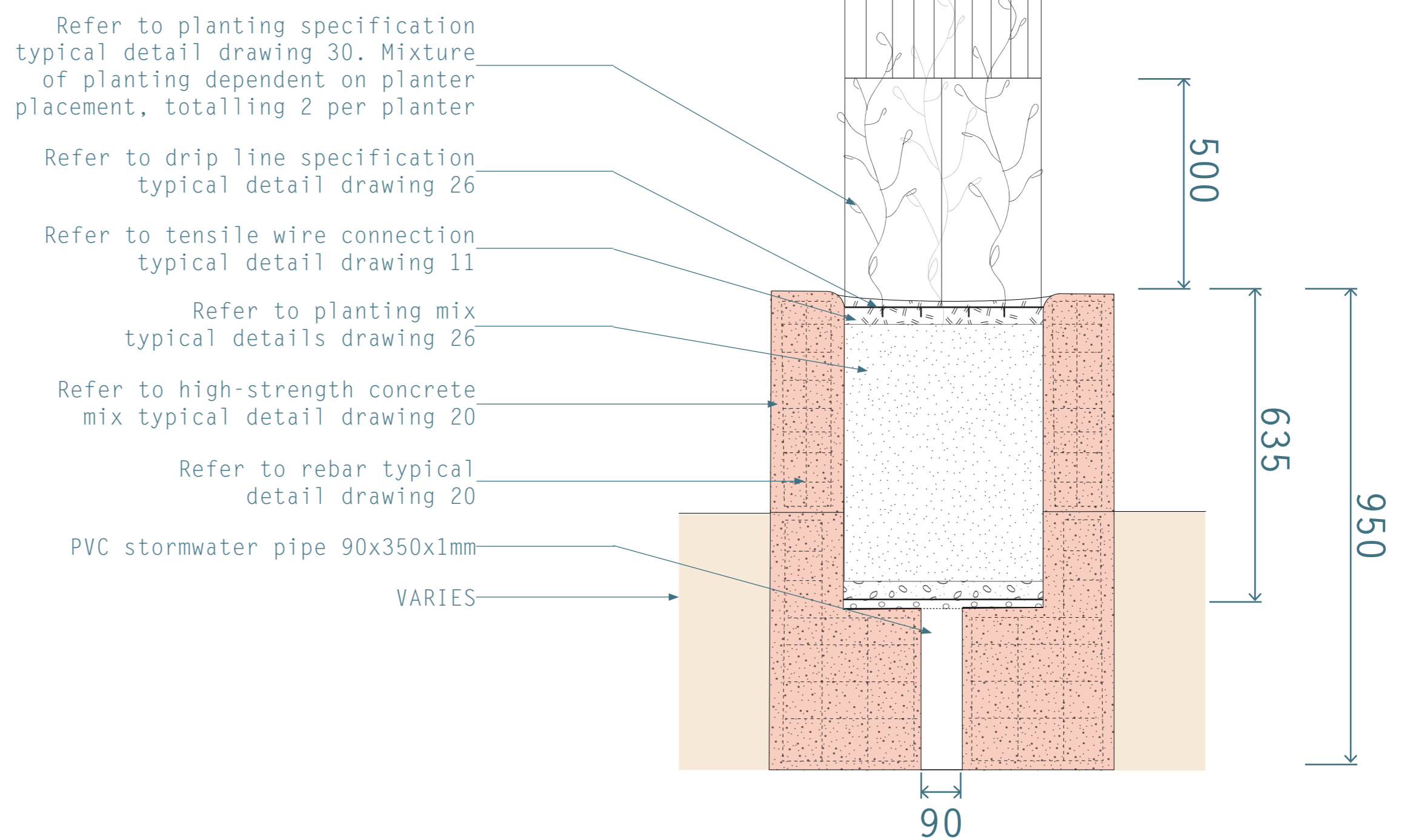
27 Plant specification



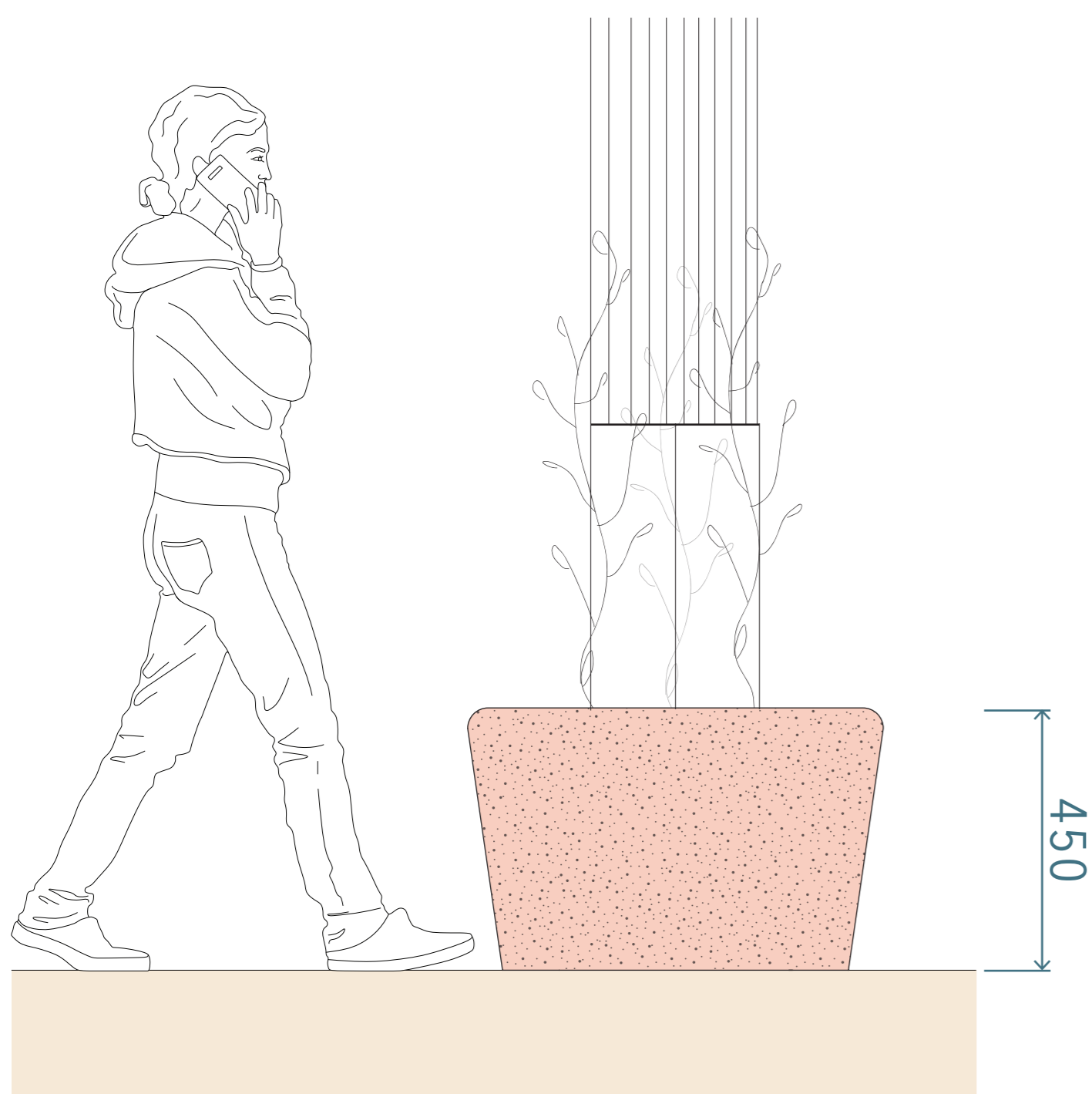
28 SCS-03 Double Planter Section BB
1:10



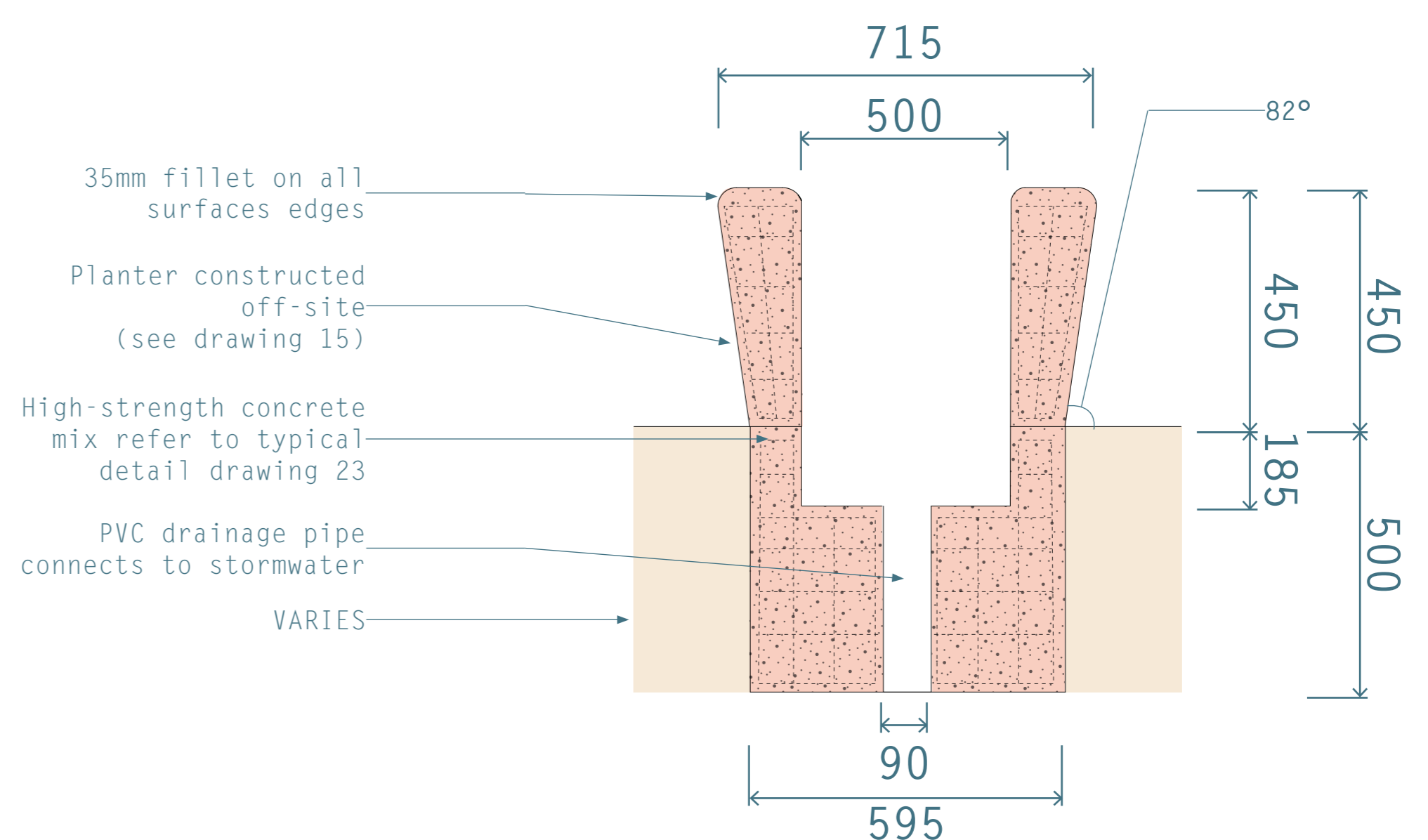
29 SCS-04 Single Planter Plan
1:10



30 SCS-04 Single Planter Details AA
1:10



31 SCS-04 Single Planter Elevation
1:10



32 SCS-04 Single Planter Section BB
1:10