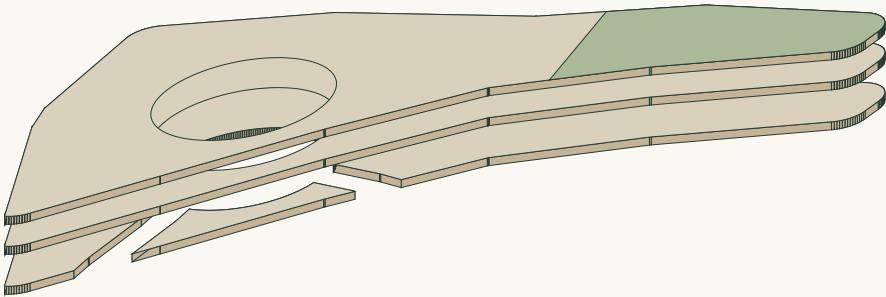
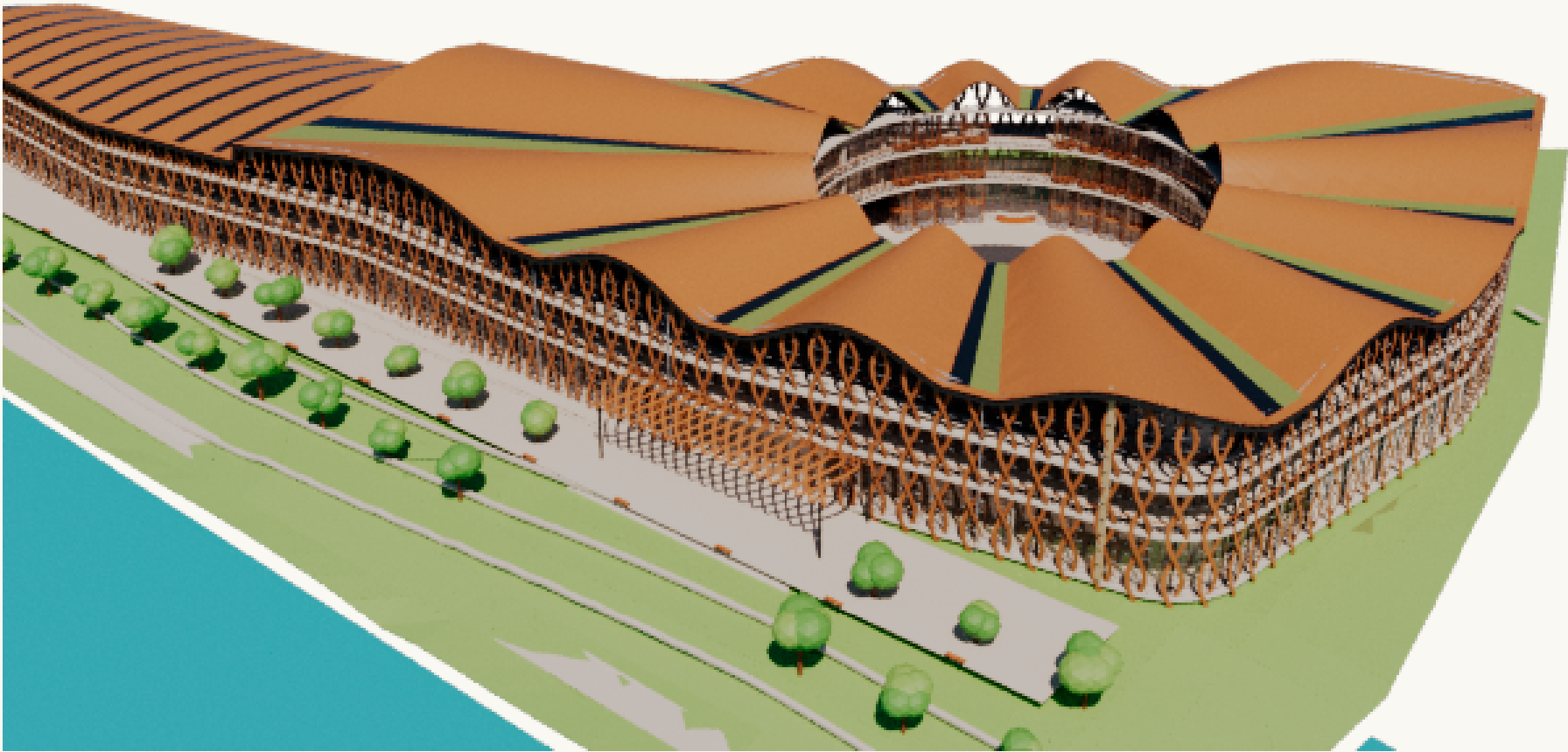


A river court, held by a weave

An open arrival court, public river edge, dining terraces and a roof that gathers rain.



ONE COHERENT SYSTEM

Road-edge footprint uses the wider land. A drive-through arrival opens into an unroofed court. Public galleries face the river; all food and cafes occupy the top floor.

73

source room identities retained

12 + 2

kitchens and cafes upstairs

417

retained illustrated dining chairs

+1.00 m

ground above approach

Current geometry drafts / coordination issue. Native Revit build and final furnishing remain pending.

Site evidence becomes a design brief

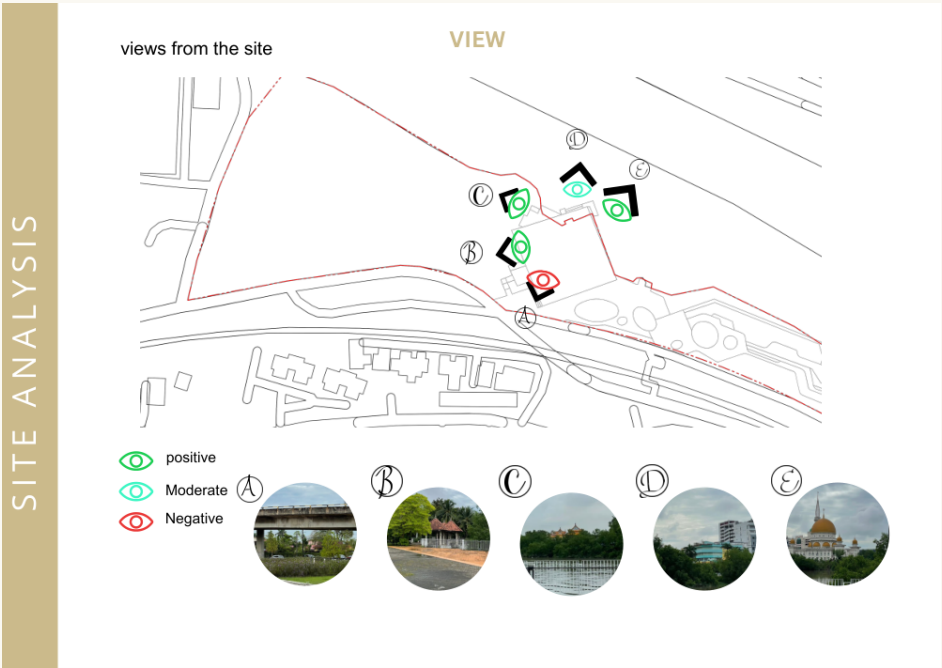
Supplied Townscape Study & Site Analysis, 170 pages. Site relocated to Pengkalan Batu, Klang.



Supplied study / p.145

01 / RIVER AND TOPOGRAPHY

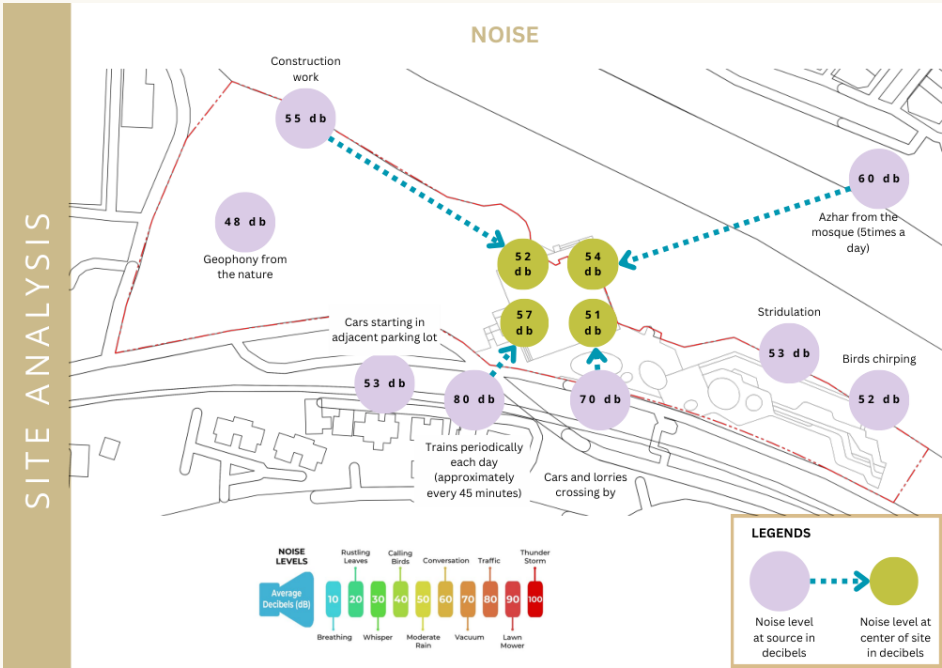
River attraction and flood concern on p.145; contour information on p.130. Protect public viewing edges and provide a raised arrival with a long river descent.



Supplied study / p.148

02 / PUBLIC VIEW AND ACCESS

Study views p.148 inform the river promenade and top dining terraces. Through-road arrival is a project proposal; it is not an existing site road.



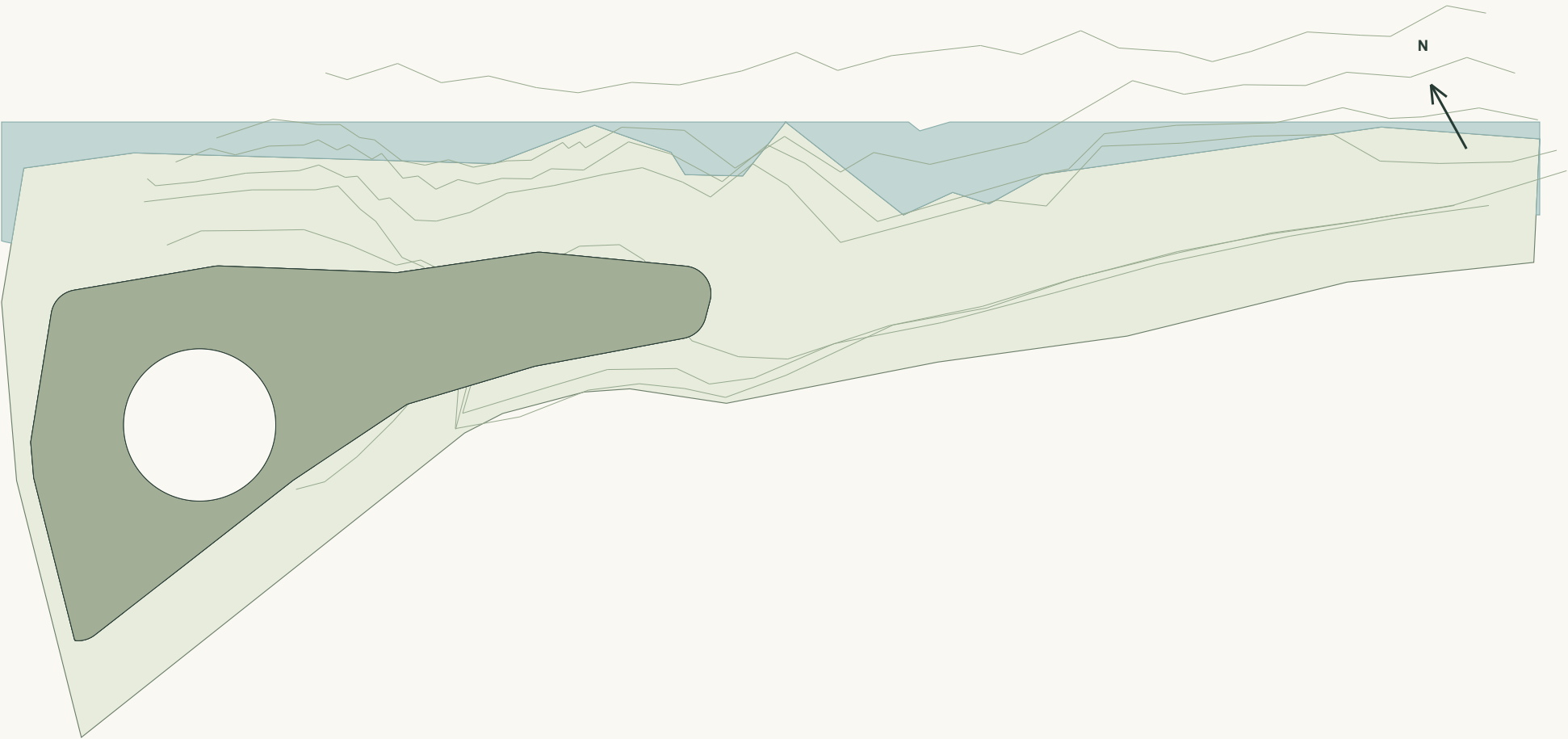
Supplied study / p.150

03 / NOISE AND LANDSCAPE

Road and periodic rail activity appear on p.150. Use the road edge for service/support functions and a layered planted buffer. Avoid stagnant decorative ponds.

Working with the land

Study boundary p.157 and contours p.130 registered to one provisional coordinate system.



ROAD TO RIVER

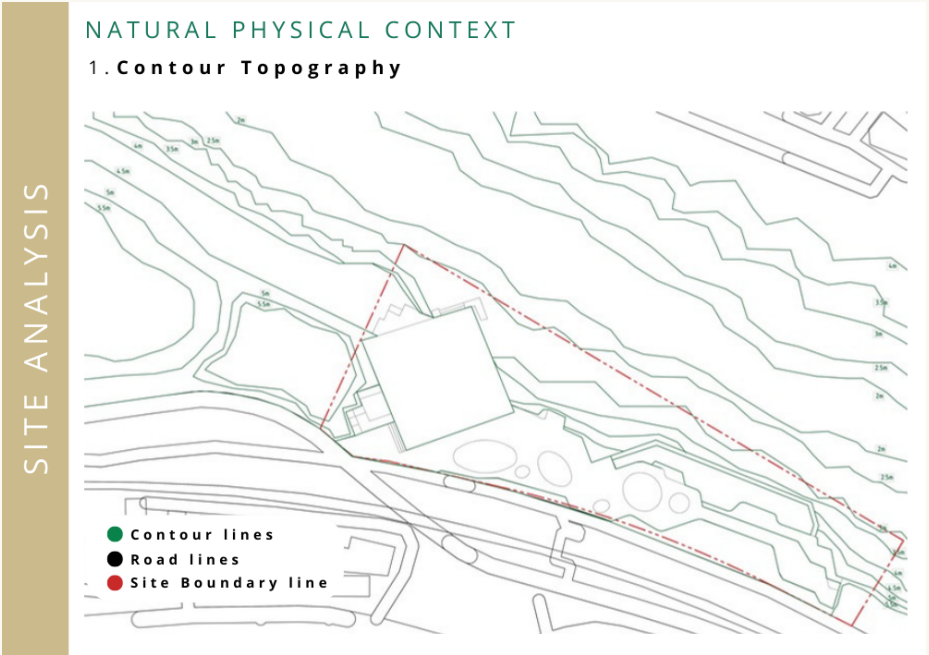
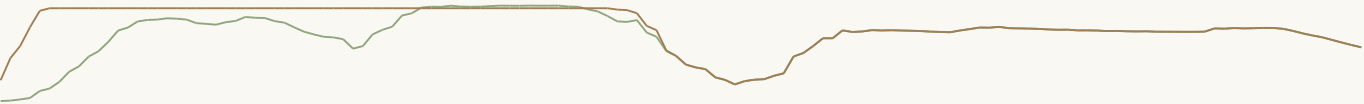
Existing green / proposed bronze / vertical exaggeration



0.4 m/pixel and relative 5.00 contour datum are design assumptions. Boundary and flood level require a survey.

LONGITUDINAL RIVER EDGE

Existing green / proposed bronze / vertical exaggeration



Supplied study / p.130

APPROACH +0.430

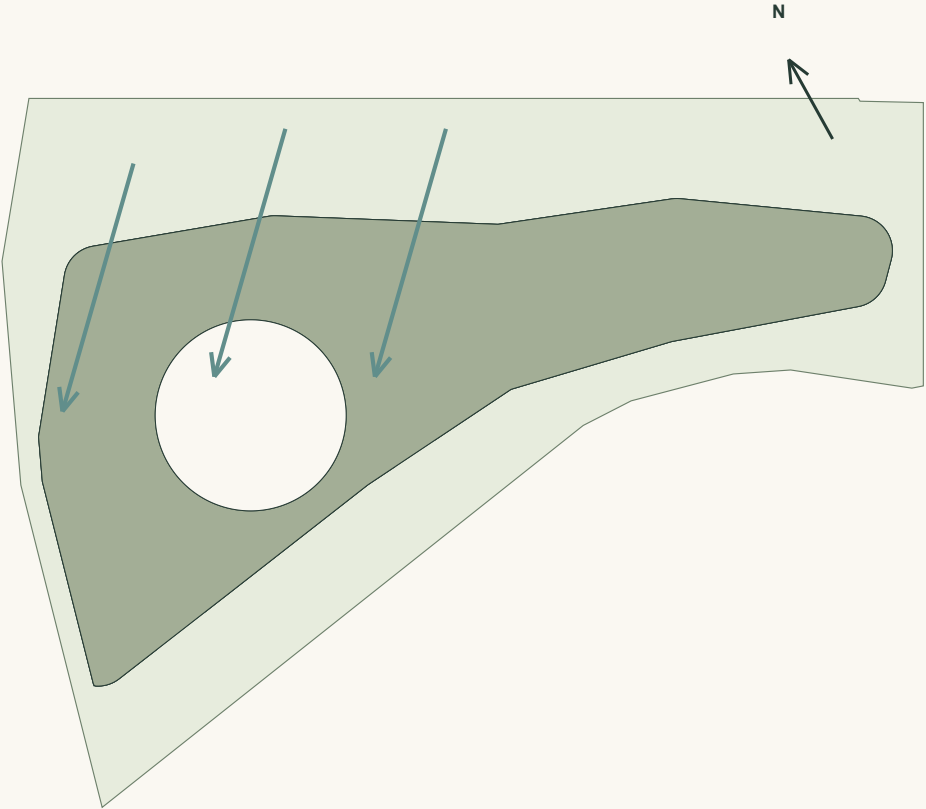
GROUND FFL +1.430

SUB-BASEMENT -2.170

Wind, views and the road edge

Qualitative environmental response grounded in the supplied study; no CFD or measured performance claim.

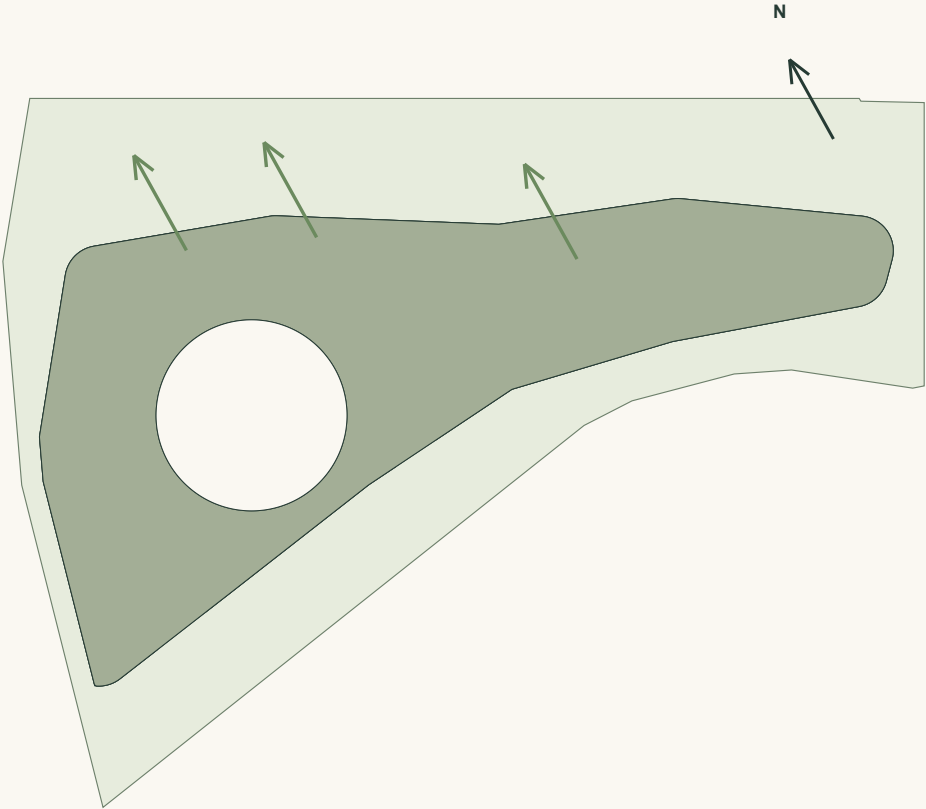
WIND



NE RIVER-SIDE AIR

NE direction follows study p.157. Open terraces and sky court admit outdoor air; conditioned shops retain a separate weather line.

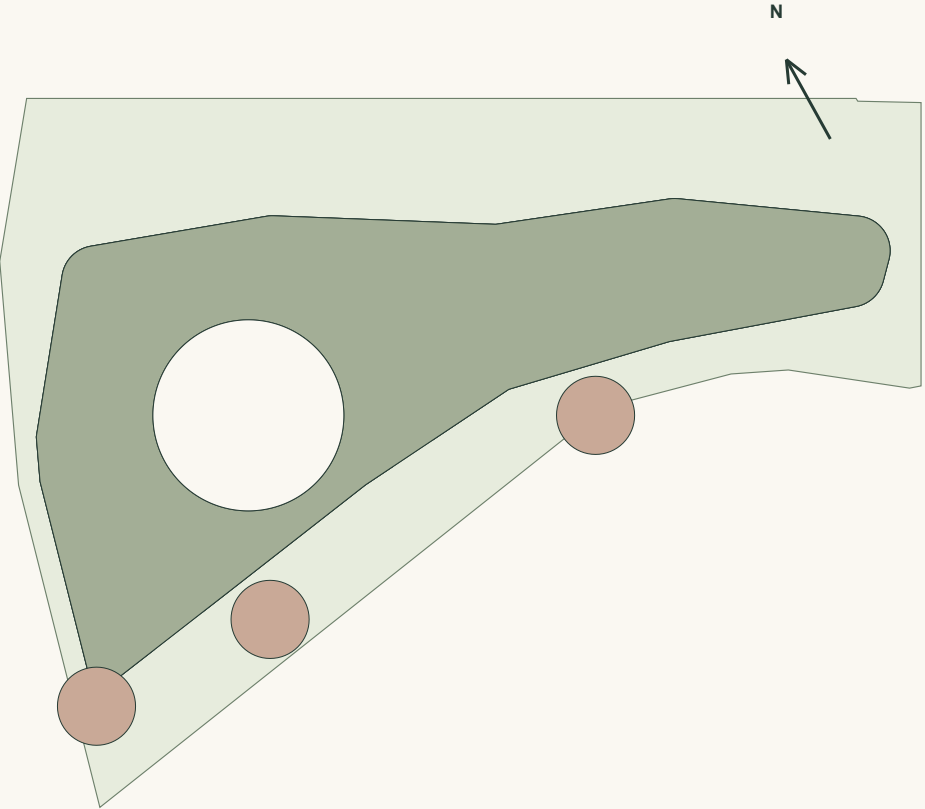
VIEWS



A SHARED PUBLIC EDGE

Continuous river promenade and open terrace dining protect the view from opaque shop backs. Main river portal anchors the route.

NOISE



PLANTED LANDWARD BUFFER

Service rooms and layered planting occupy the road/rail edge. Study sound values are historic and lack a monitoring protocol.

Wind direction is qualitative: the supplied wind rose has no station/year reference. A wind-driven rain study remains necessary.

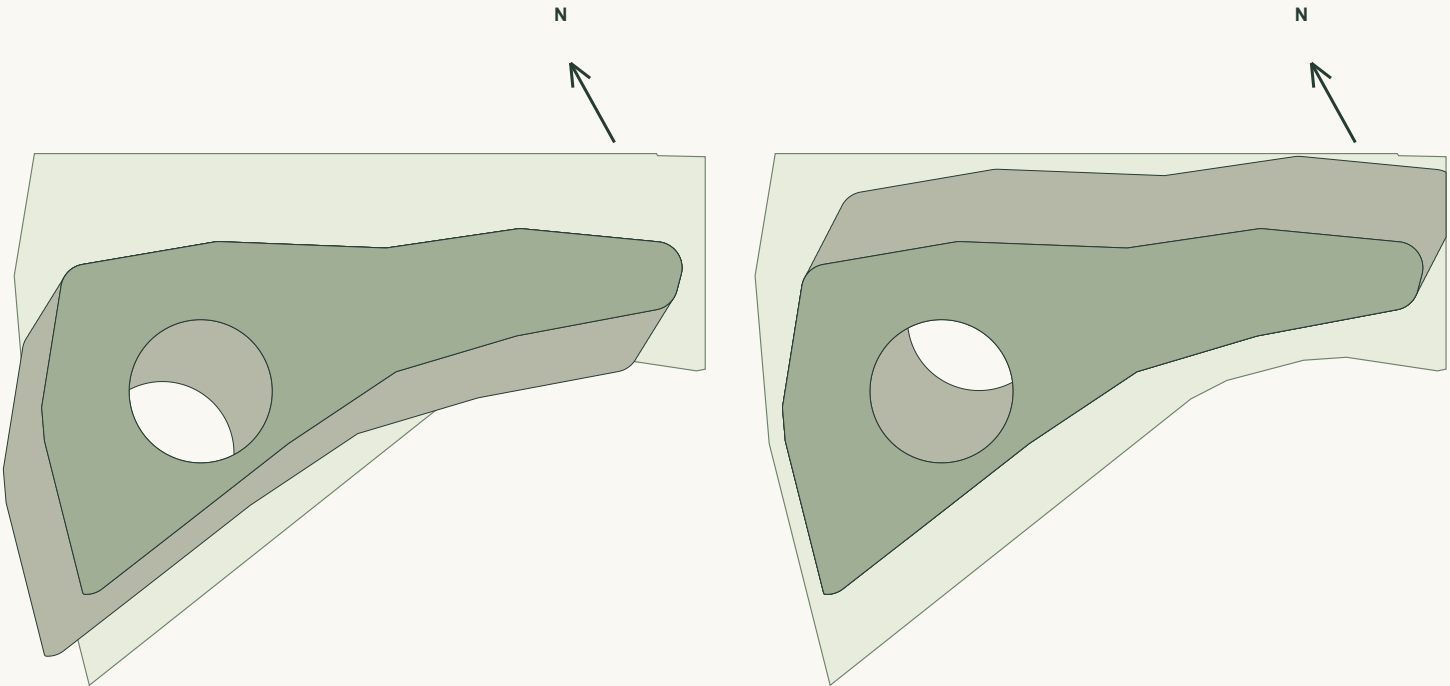
Near-equatorial light and shade

Analytical solar paths for assumed Klang latitude 3.04 N. Solar time; orientation taken from the source north arrow.



JUNE
EQUINOX
DECEMBER

Shadow diagrams use a 20.13 m upper envelope for comparison, not a daylight or glare simulation. No performance certification.



JUNE / 09 SOLAR

Solar altitude 42.0 deg

DECEMBER / 15 SOLAR

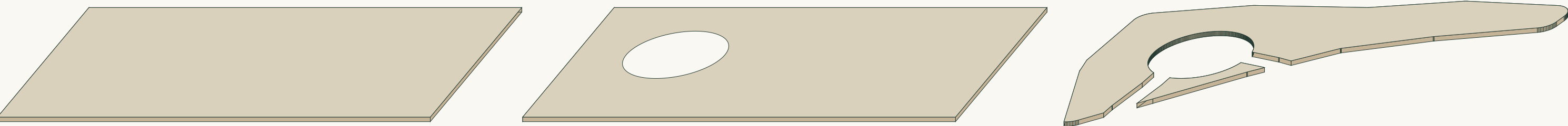
Solar altitude 38.8 deg

DESIGN RESPONSE

Filtered lantern seams bring light between folded petals. Continuous weather roofs cover dining terraces. Deep side fins interrupt low-angle exposure while keeping outward views.

Design development

The weave is translated into overlapping layers, gathering and filtration; the footprint is not a copied braid.



01 / ROAD-EDGE OCCUPATION

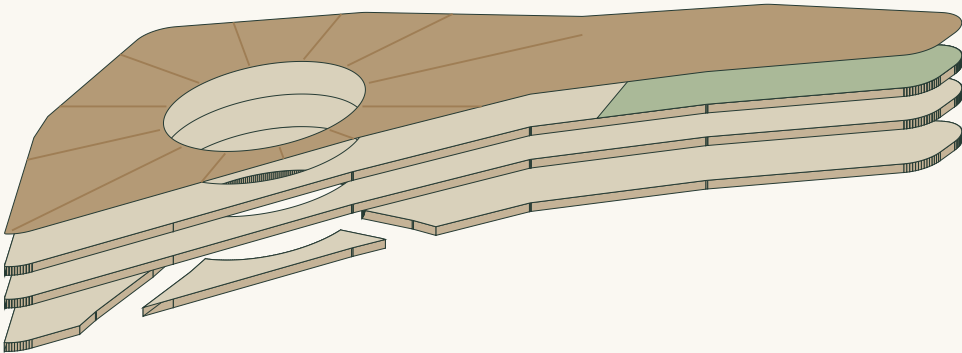
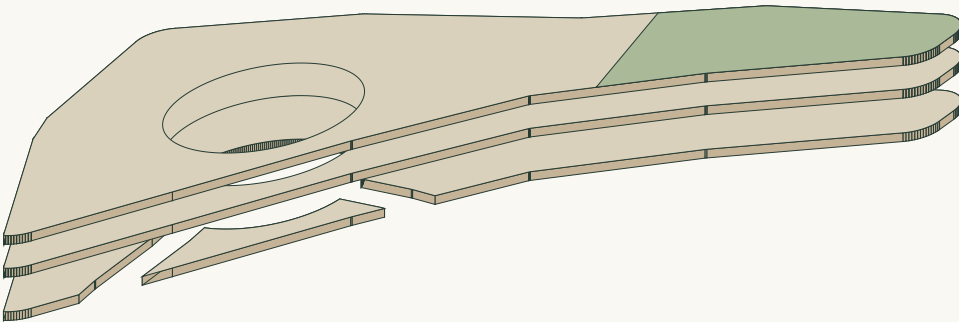
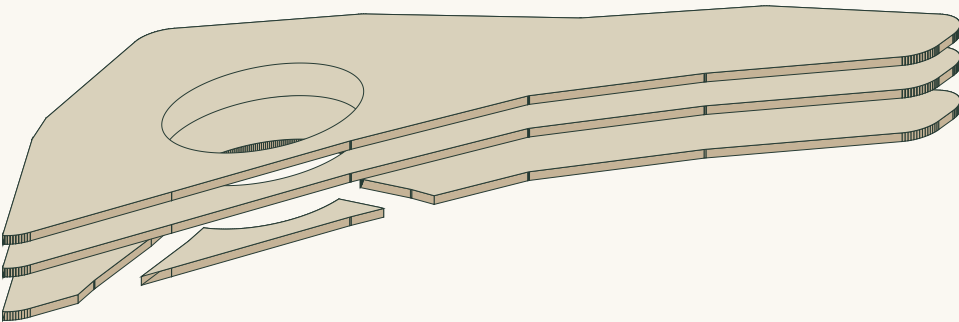
Build in the broad western land.

02 / OPEN SKY COURT

Remove a full-height circular gathering space.

03 / DRIVE THROUGH

Two road portals reach the inner roundabout.



04 / CONNECT ABOVE

Upper galleries span only the road portals.

05 / OPEN TO THE RIVER

Equal upper plates support usable planning.

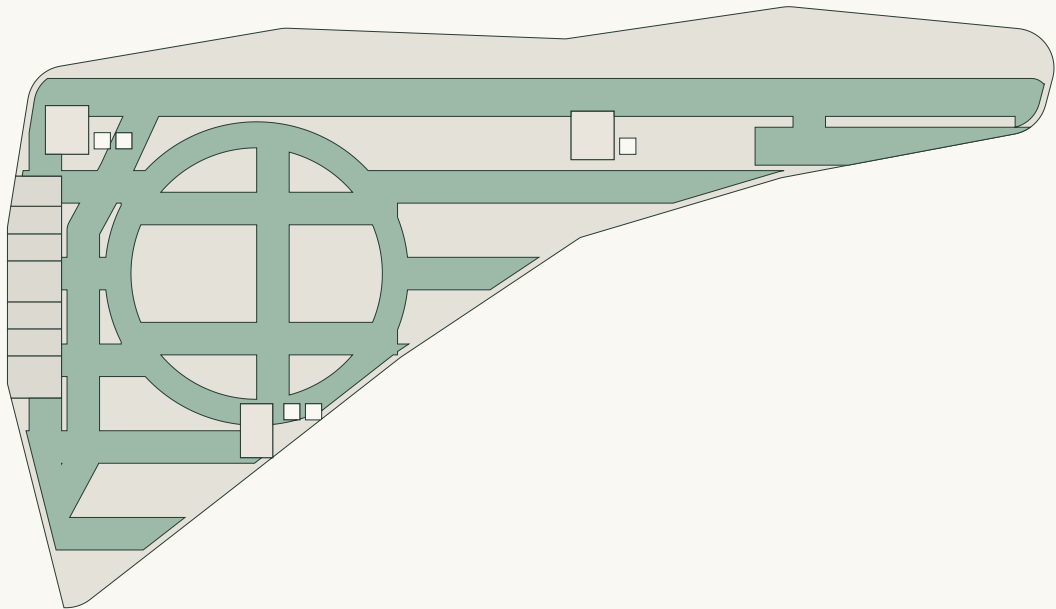
06 / RIVER CATCHMENT CANOPY

Folded petals gather light and channel rain.

A legible building, connected on every floor

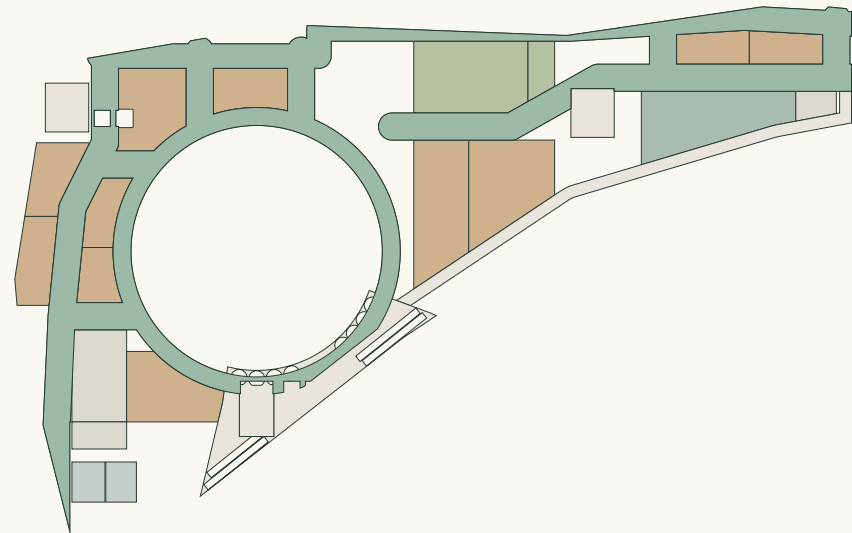
Contiguous shop banks, connected clear galleries, aligned cores and a completely open arrival court.

PARKING



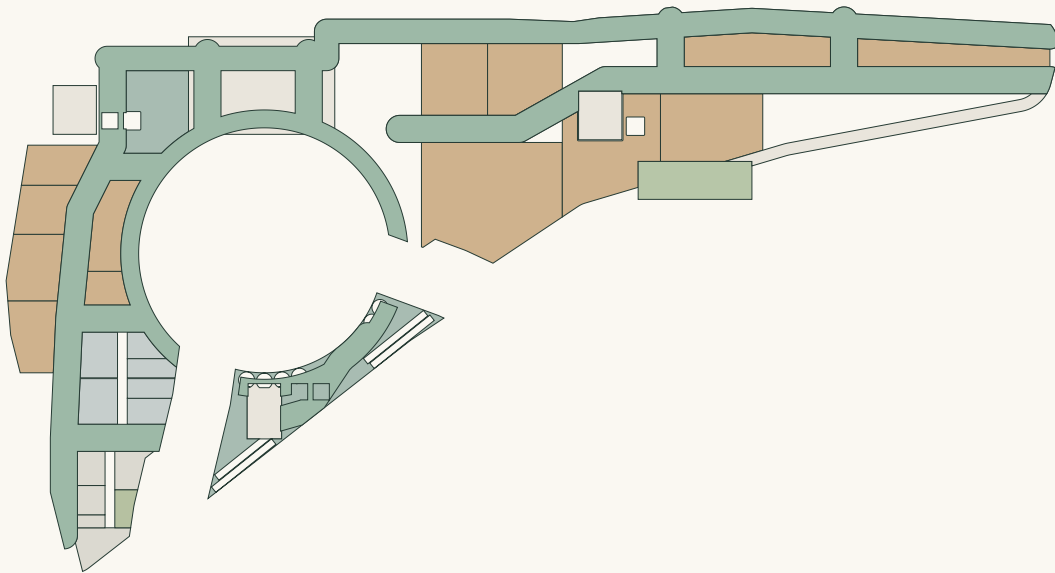
110 bays / parking below court deck

FIRST



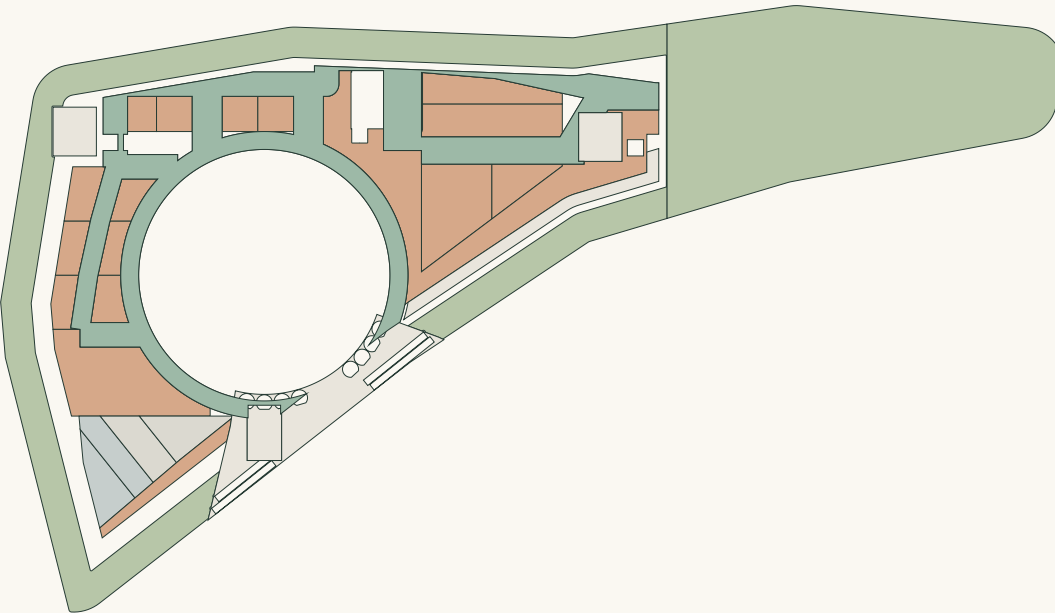
Continuous internal route / F42 widened

GROUND



Outside pedestrian entry only at this level

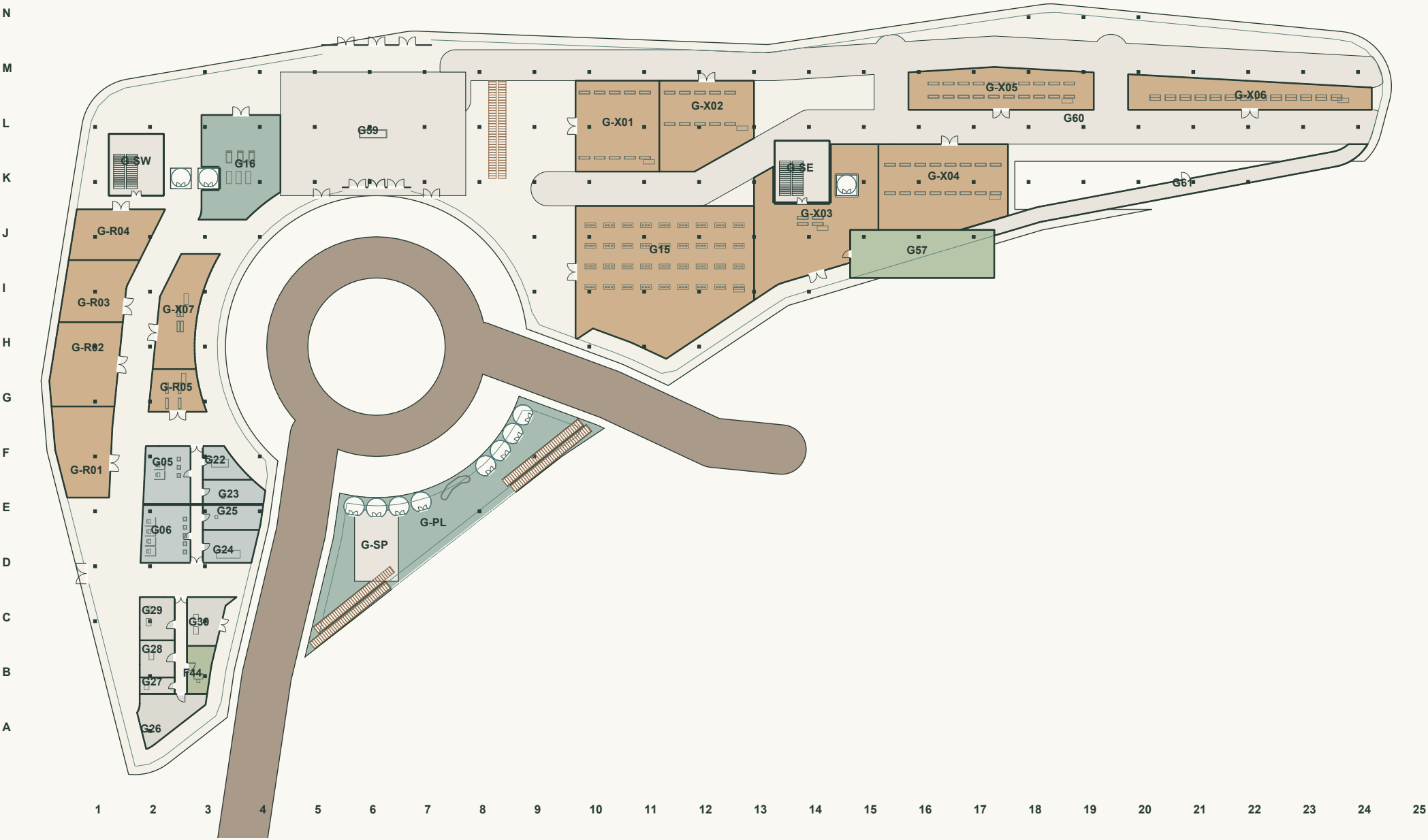
SECOND



12 kitchens + 2 cafes / shared river promenade

Ground / two arrivals, one public river edge

Approved R20 planning / 73 source identities retained; G27 is the authorized area exception.



SPACE AND MOVEMENT

Ground-only outside entry leads to a 22.9 m arrival, eight curved-bank lifts and a help desk.

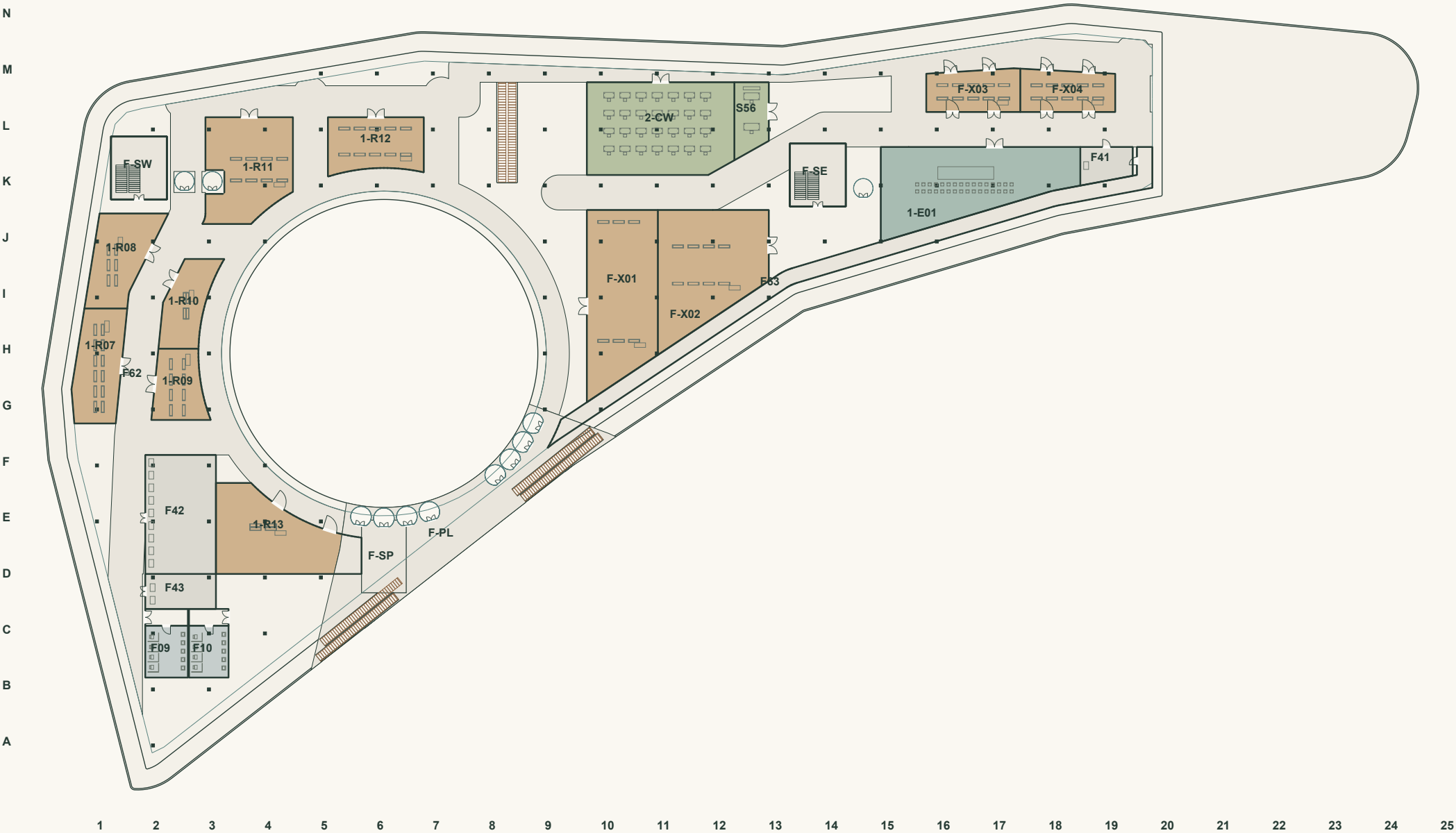
Four lobby escalators per rise reach the tips; common upper galleries join the main building.

Three double-door bays lead through the river lobby to the ceremonial landing.

Programme schedules and enlarged 1:350 plans are in the architectural set. Portfolio plan is a reduced coordinated view.

First / connected retail and community galleries

Approved R20 planning / 73 source identities retained; G27 is the authorized area exception.



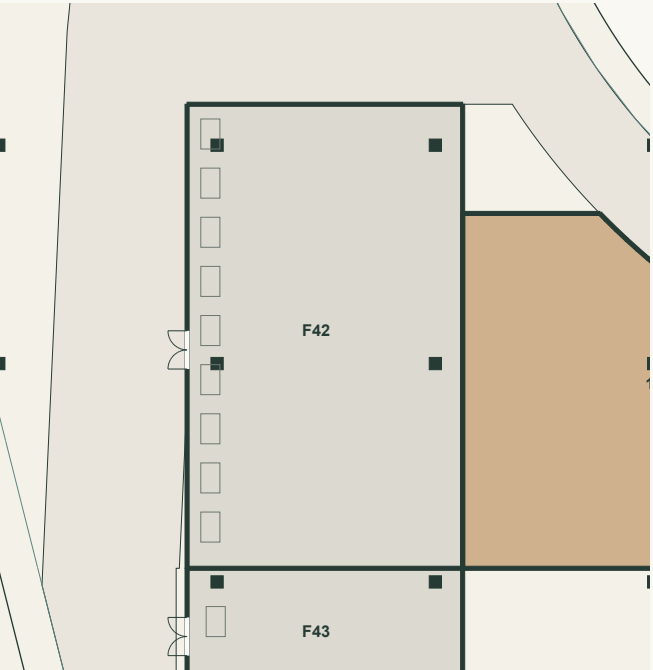
SPACE AND MOVEMENT

F42 is a broad 167.7 m2 service room with direct concourse access.

Separate male and female vestibules remove the shared cross corridor.

Co-working and maker uses remain upstairs; clear galleries connect the lift cores.

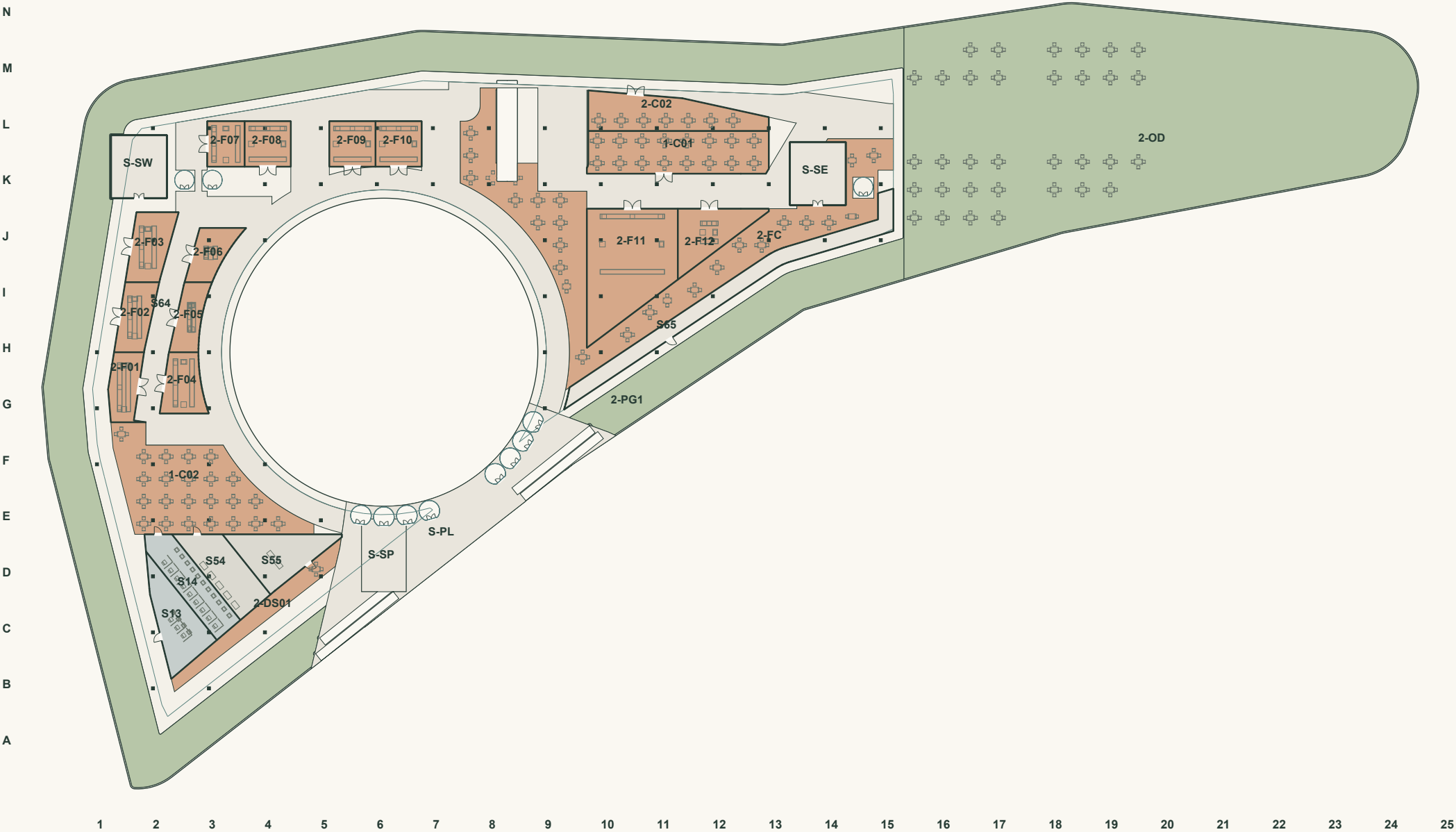
F42 / 167.7 m2



Programme schedules and enlarged 1:350 plans are in the architectural set. Portfolio plan is a reduced coordinated view.

Top / a complete river dining destination

Approved R20 planning / 73 source identities retained; G27 is the authorized area exception.



SPACE AND MOVEMENT

Twelve kitchens, two cafes and 417 retained illustrated dining chairs.

The food street links at both ends to the court loop and river promenade.

Same-level terrace dining sits under continuous weather roofs.

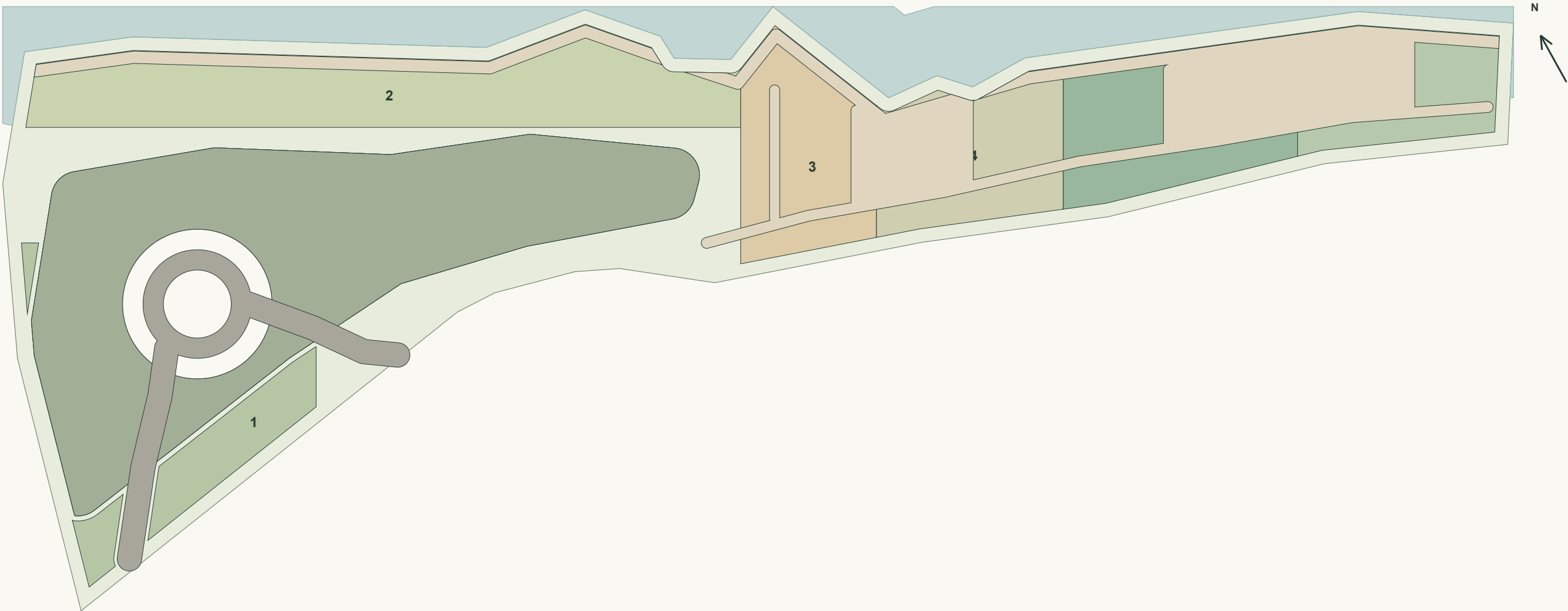
417 chairs

Furnishing pending

Programme schedules and enlarged 1:350 plans are in the architectural set. Portfolio plan is a reduced coordinated view.

The whole site becomes a river park

The building stops before the narrowing land. Active landscape zones continue to the eastern lookout.



1 / Arrival woodland

1,170 m2 / active landscape

2 / River seating terraces

4,506 m2 / active landscape

3 / Market and river forum

2,234 m2 / active landscape

4 / Play and recreation

2,136 m2 / active landscape

5 / Floodable water gardens

2,736 m2 / active landscape

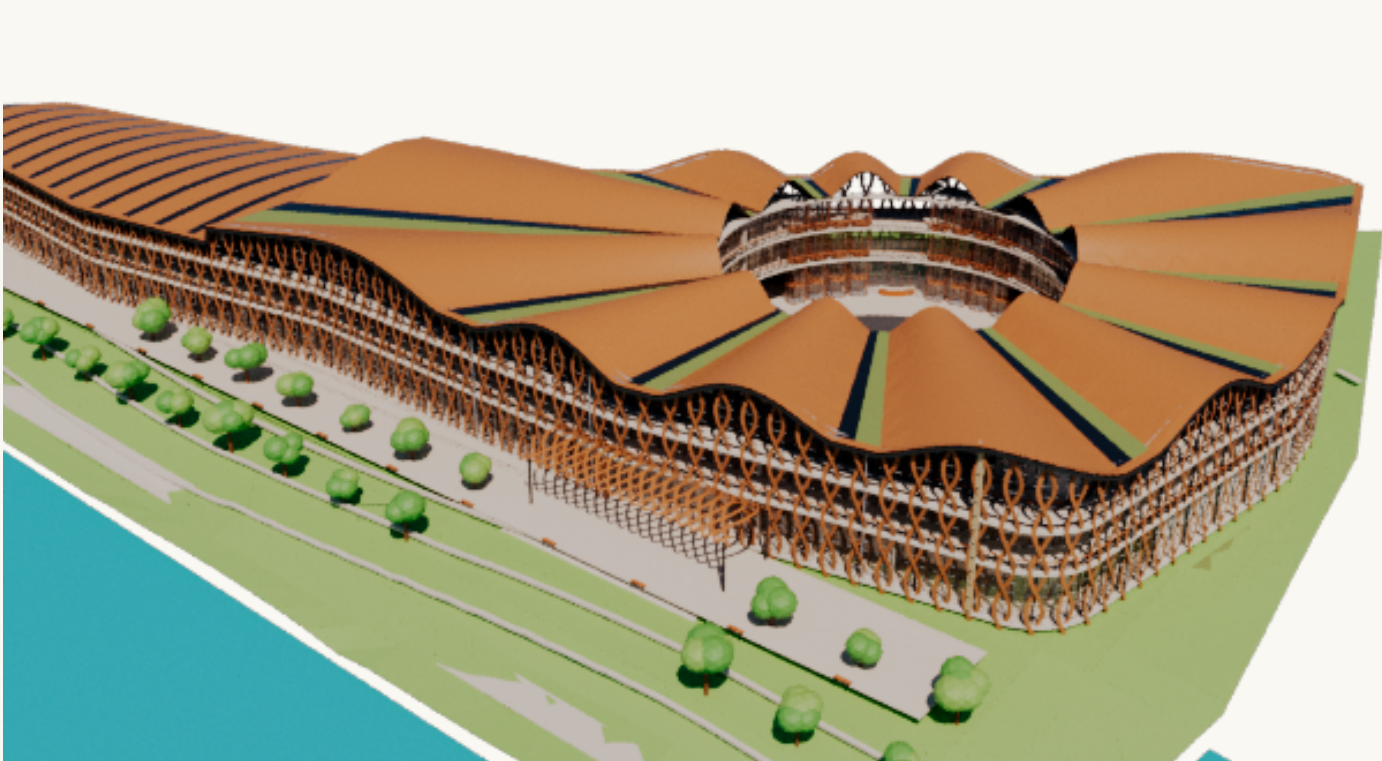
6 / Eastern grove and lookout

1,946 m2 / active landscape

Paths may be reworked to fit the approved building; the traced site boundary remains fixed. Grading follows the supplied study.

River catchment canopy

A roof story with spatial and environmental work: gathering, shaded dining, filtered light and controlled runoff.

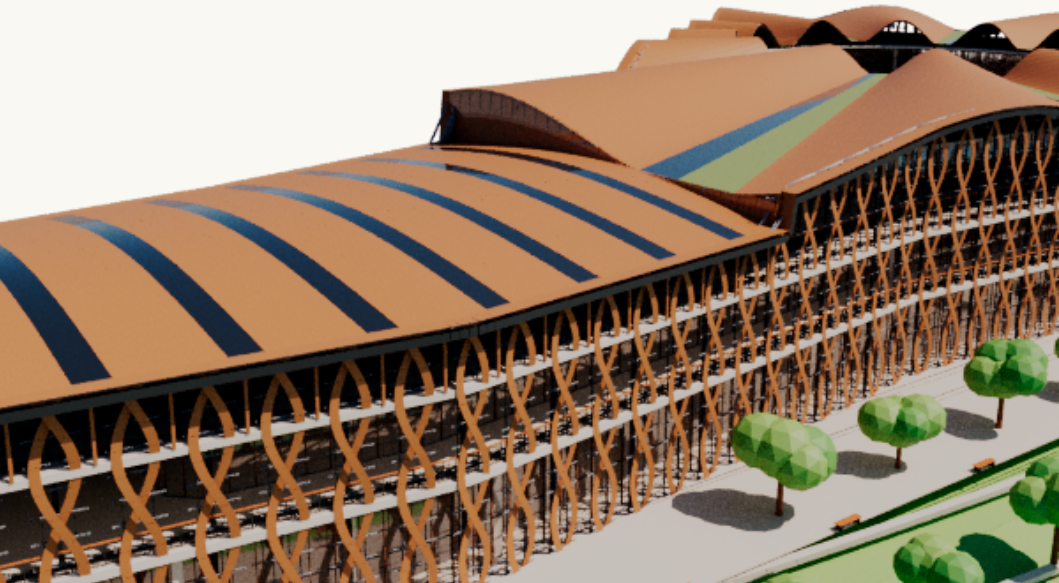


01 / GATHER

Radial roof petals gather around the open court. The crest and valley rhythm breaks the apparent scale of the long roof.

02 / FILTER

Glazed lantern seams admit light. Arched sealed roofs protect terrace dining; flared side blades and horizontal ribbons complete the facade.



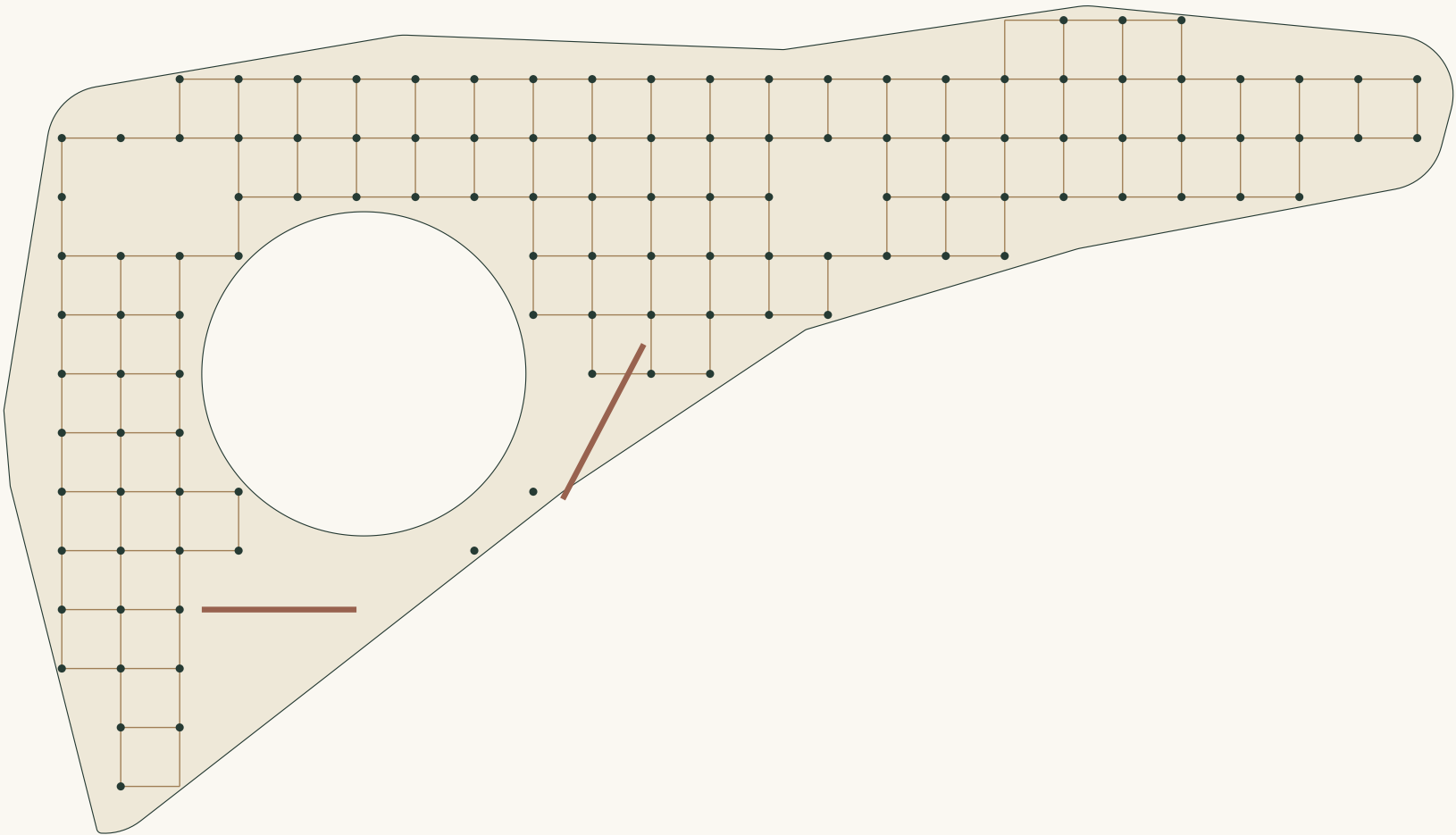
03 / CHANNEL

Low valleys lead to independent rain spines. Filtered runoff goes to covered reuse storage, irrigation and controlled landscape overflow.

Rain collection responds to study p.145. It does not establish protection from river flooding. Hydraulic sizing and flood levels remain open.

Structure and services have their own load paths

The woven skin is a replaceable envelope; it is not the support for pipes, ducts or the main roof.



PRIMARY STRUCTURE

8 m grid supports the occupied floors. Transfer frames span the drive-through portals outside the sky court. Roof ribs, circumferential purlins and posts support the petals.

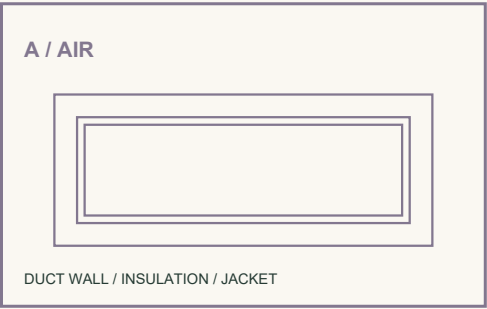
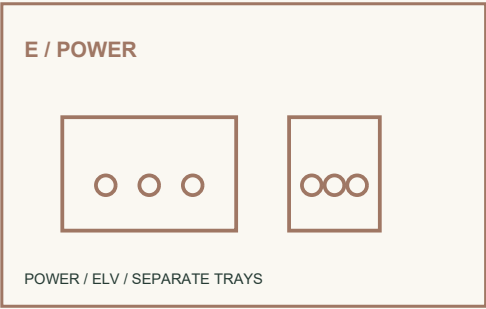
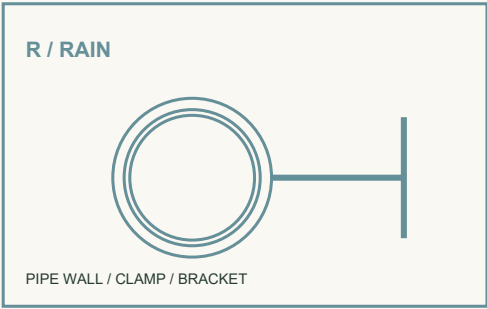
THREE INDEPENDENT SPINES

R: pipe wall, movement sockets, clamps and cleanout.

E: separate power and ELV trays/cables.

A: inner duct, insulation, flanges and brackets. Kitchen extract uses dedicated risers.

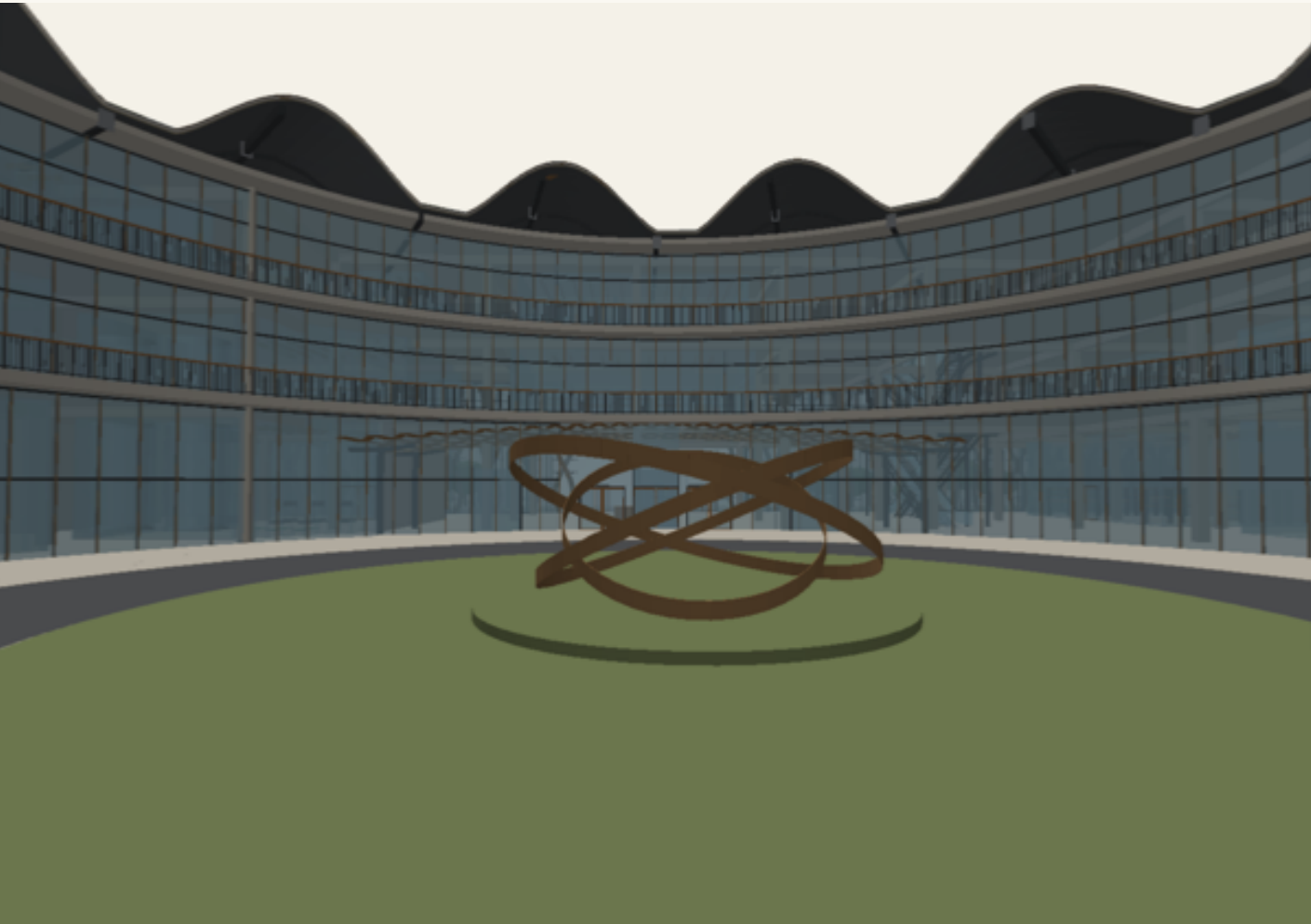
FIRST FLOOR SUPPORT / 8 m GRID / PORTAL TRANSFERS IN RED



Current A-701 / A-702 develop head, roof, connection and curtain-wall interfaces. Member and service sizes are design allowances.

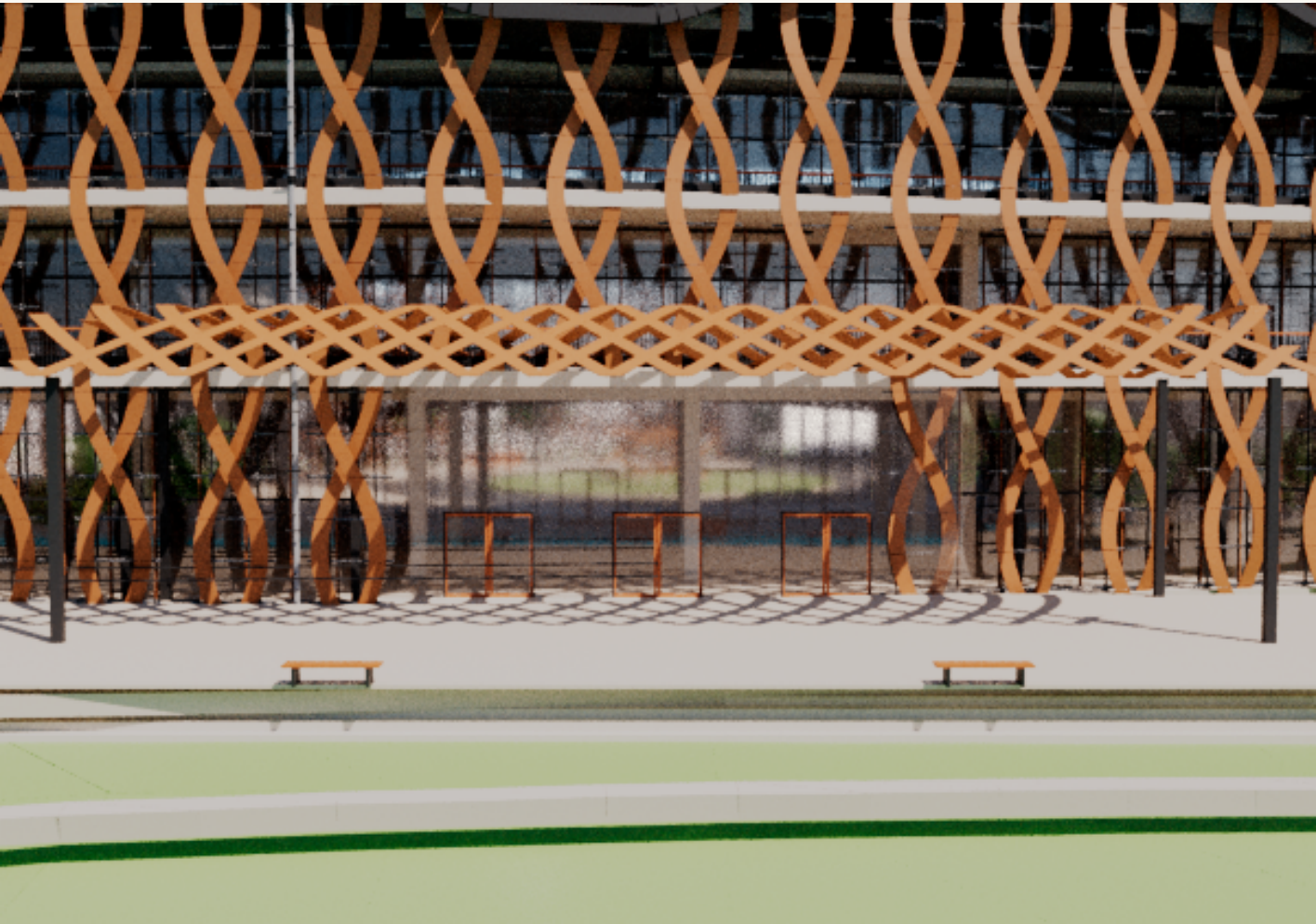
Arrival as an event

From the street, drive through the building into the sky court. From the river, arrive beneath a lifted weave.



COURT ARRIVAL

The road is a full carriageway through the building. The roundabout is surrounded by occupied frontage, with no slab, bridge, canopy or service crossing above it. A deck supports the roundabout over continuous parking.

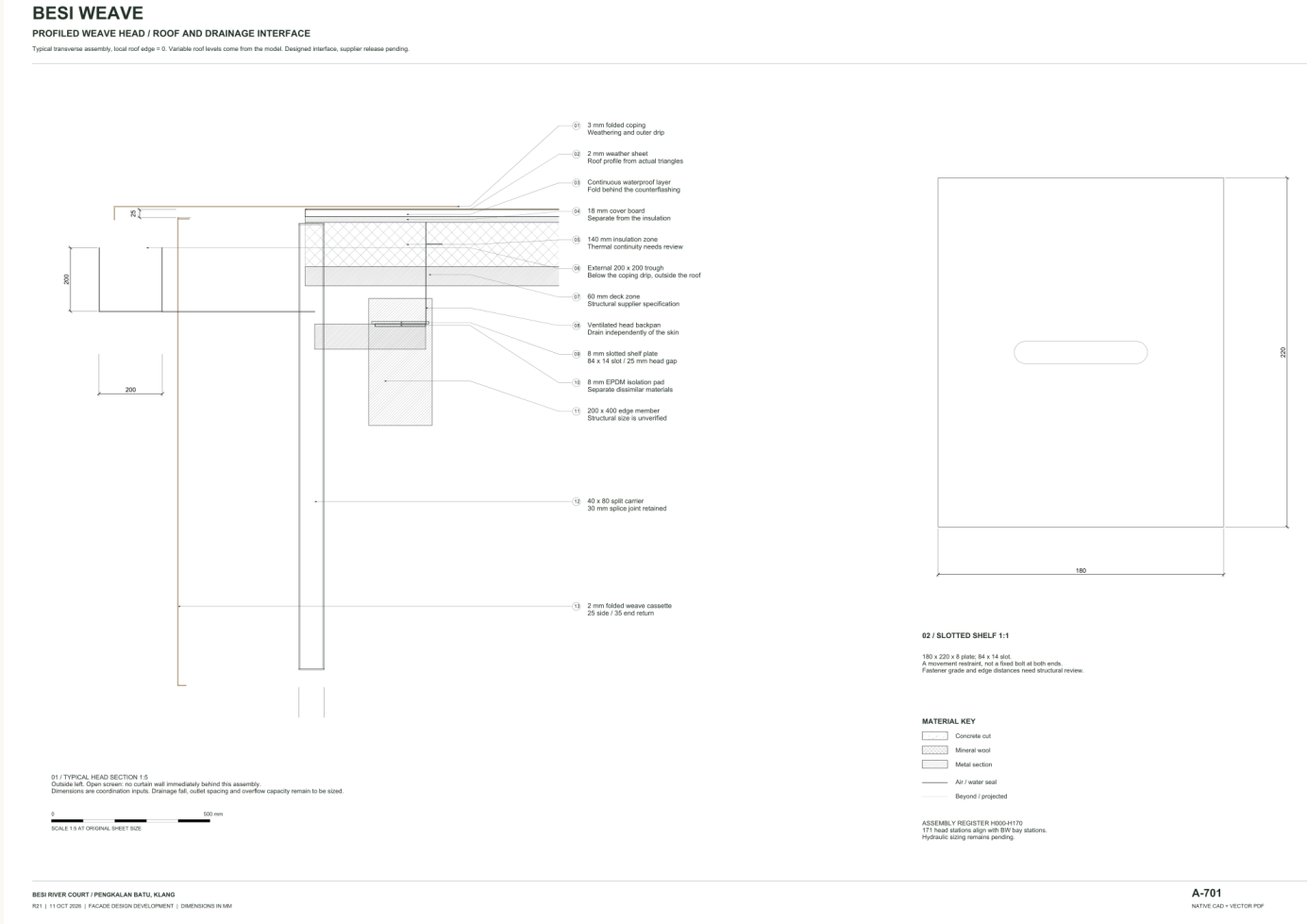


RIVER ARRIVAL

A 28 m landing, lifted bronze ribbons and multiple glazed door bays frame the river lobby. Broad landscape steps connect to the promenade, complemented by a long graded route.

Detailed, maintainable, replaceable

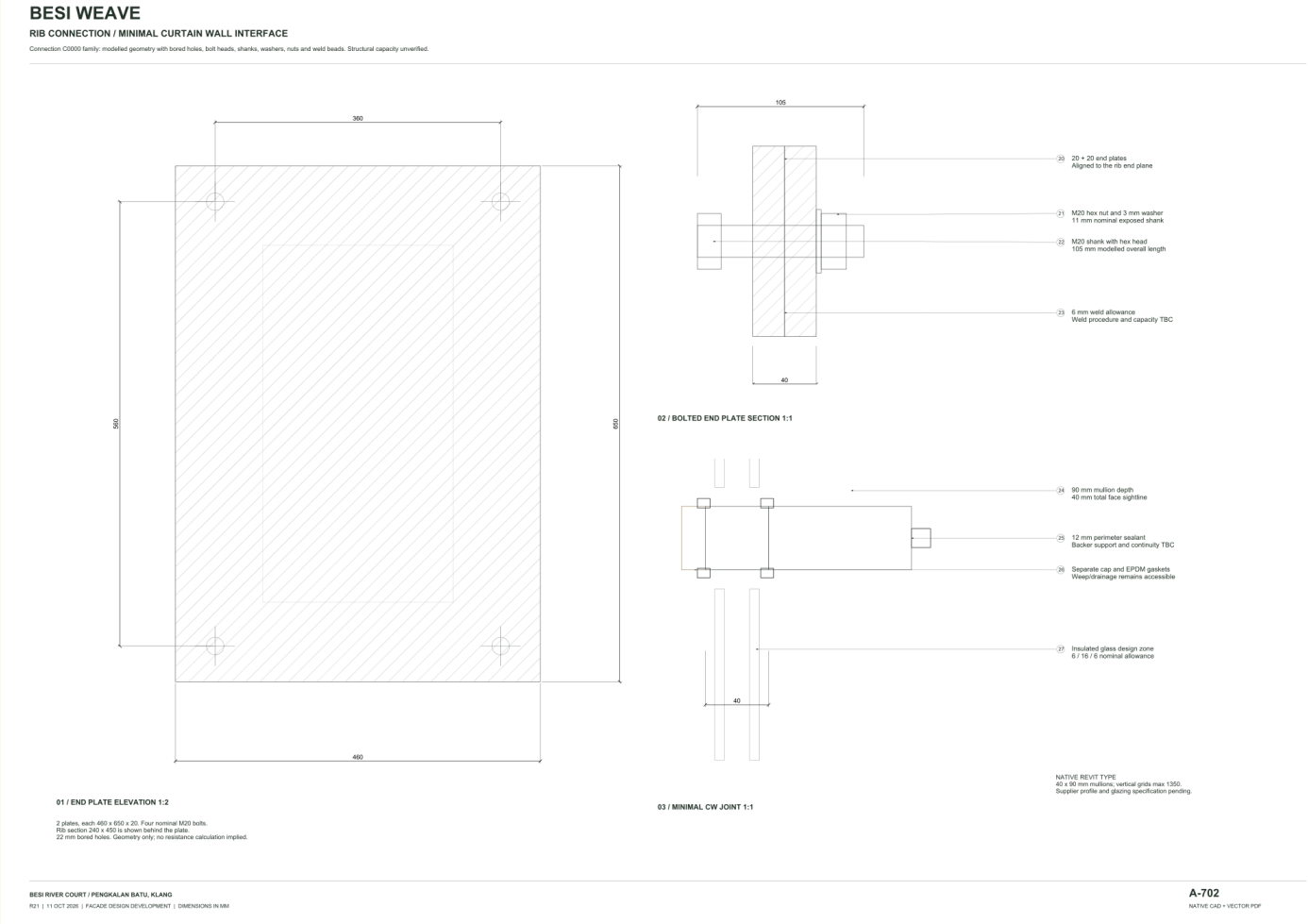
The retained R04 construction language continues through the roof, terrace facade and the R21 raised threshold.



A-701

PROFILED HEAD AND WEATHER EDGE

Actual roof profile; 25 mm movement allowance.
Independent slotted shelf, EPDM isolation and external trough beneath the coping drip.
Hydraulic sizing and structural release remain pending.



A-702

CONNECTION AND MINIMAL GLAZING

Bored end plates, four M20 bolt sets, weld allowances and a 40 x 90 mm CW joint. Twenty-one noncrossing leaders and fourteen native dimensions across the two sheets.

Coordinated output register

Current coordination issue. Local website updated to R21 for review; hosting remains unpublished.

NATIVE MODEL

Max architecture and supplied-store scenes reopened; native Revit build awaits its trust prompt.

ARCHITECTURE

Four floor plans, roof/site and four model elevations; final inhabited sections remain last.

CONSTRUCTION

Two interface sheets and 11 editable DXFs; native dimensions and noncrossing leaders, not fabrication release.

SITE AND CLIMATE

Boundary, existing/proposed land, landscape, wind/view/noise response and analytical solar studies.

PROGRAMME

73 source IDs in 100 zones. G27 explicit area exception; 12 kitchens, 2 cafes, 417 chairs.

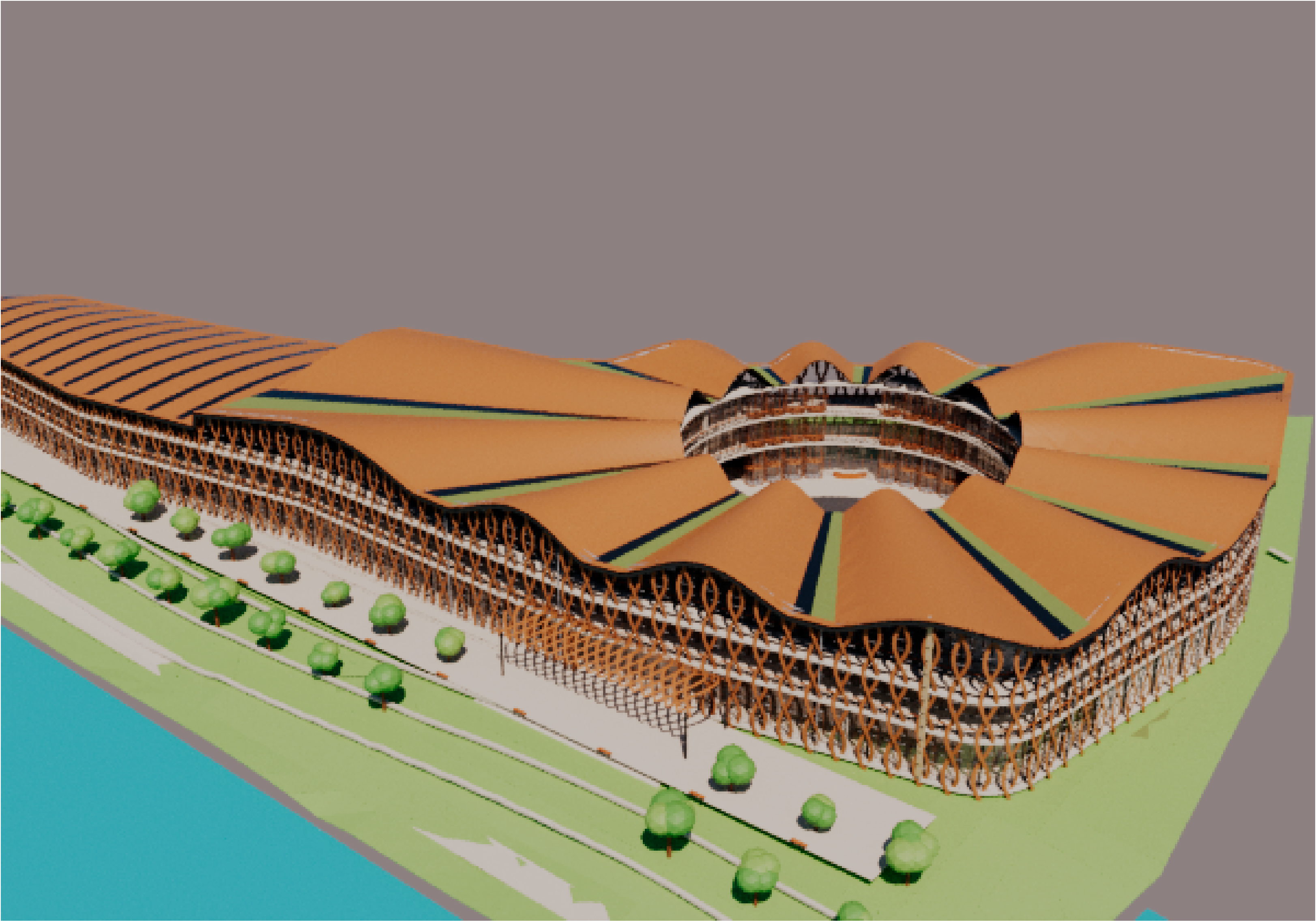
SOURCE STATUS

Study datum/scale, flood design, structure, fire, accessibility, HVAC and drainage need specialist coordination.

Open: native Revit and CW door hosting, G30 collection exit, furnishing, clashes, engineering and final sections.

BESI RIVER COURT

MODEL COORDINATION / APPROVED PLANNING TO CONSTRUCTION INTERFACES



01 / ACTUAL MODEL GEOMETRY

600 px native Max draft. The weave follows the physical roof profile, with a 25 mm head movement allowance.
The terrace weather cover reaches the full shaped building edge. The central court remains open to the sky.

COMPLETED IN THE SOURCE MODEL

Approved R20 planning, unchanged eight-lift curve and help desk between lift banks.
Connected common upper plates; separated male/female access; broad usable amenity rooms.
Real central escalator links, basement lift pits and individual pit bases, with no parking bay/pit conflict.
Profiled facade heads, external drip troughs, isolated shelf plates, slotted restraints and roof transition.
Physical minimal CW frames, caps, gaskets and seals. Stable component and assembly identities.

REVIEW ITEMS

G27 is smaller by explicit instruction. Structural loads, reinforcement, anchorage, survey/flood datum and manufacturer services data are absent.
Open: G30 exterior collection exit and four coincident system CW doors require actual native opening/panel-family coordination.
The Revit worker is paused at its unsigned add-in prompt. No R21 native Revit result is claimed until save and reopen audit pass.

COORDINATION ISSUE / Native Revit save and furnishing remain pending. Sections retained for the final phase.

COORDINATION BASIS

73 / 73

Original room identities retained

100

Current planned room / circulation zones

22.902 m

Approved full arrival frontage

8 + 3

Panoramic lobby / gallery lifts

12

Detailed public escalator machines

171

Head / external eave trough stations

97

Bored end-plate connection sets

40 x 90 mm

CW sightline / profile depth

0

Room polygon overlaps

0

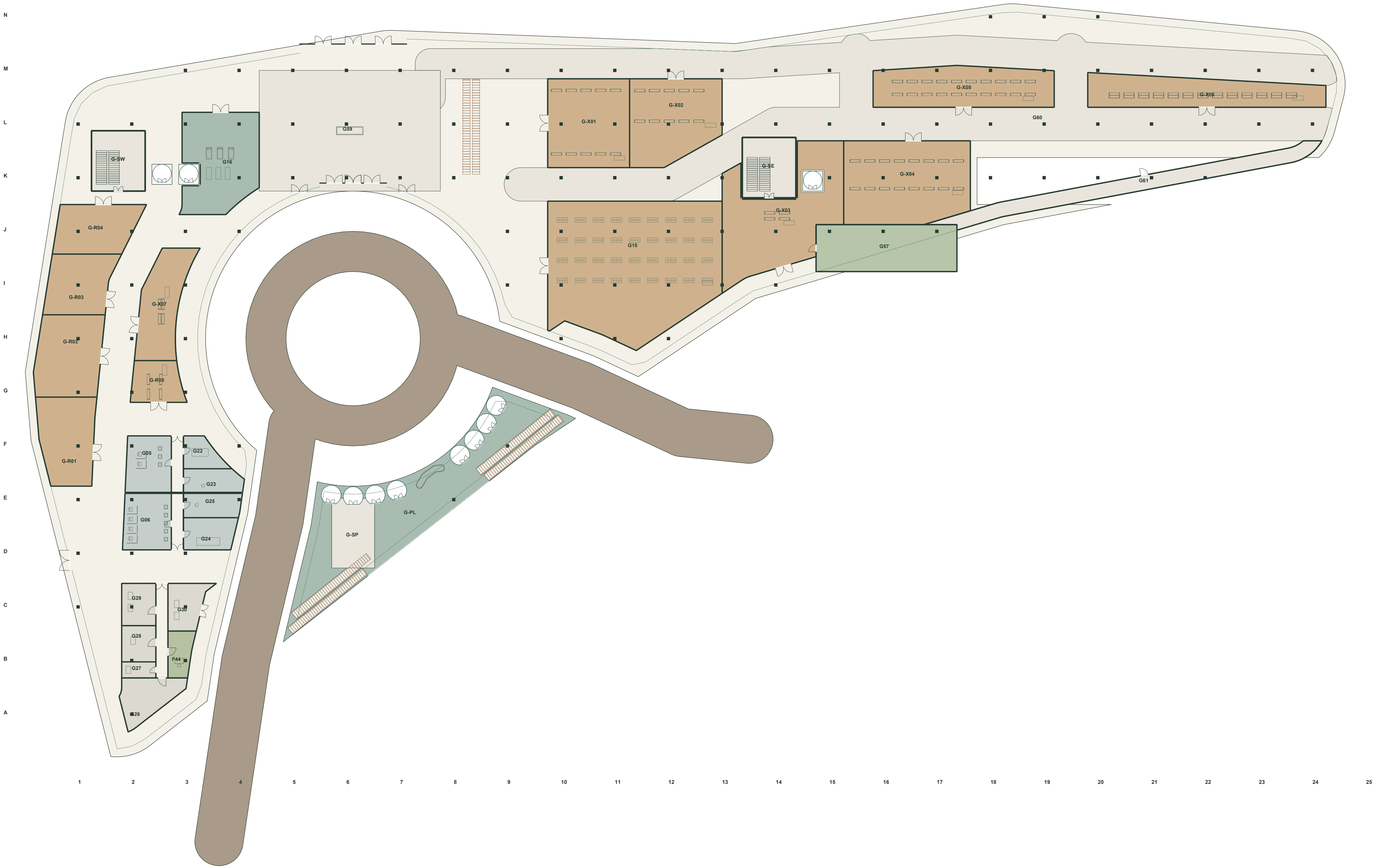
Cassette panels above roof profile

RELEASE STATUS

LOD 350 is a target by system.
These are design coordination components.
Rebar design and ITM conversion are pending.
No full Navisworks clash pass is claimed.
Manufacturer furniture is downloaded, not placed.
R17 originals and user-created Revit views preserved.

BESI RIVER COURT

GROUND FLOOR / COORDINATED PLANNING



ROOM REGISTER / NET m2		
G-SW	West stair	69.5
G-SE	East stair	69.5
G-SP	Public escalator landing	60.0
G-PL	Grand pedestrian lobby / recep	241.9
G59	Grand river arrival lobby	479.3
G-R01	Retail 1 - Footwear	101.1
G-R02	Retail 2 - Children	114.2
G-R03	Retail 3 - Sports	82.3
G-R04	Retail 4 - Ceramics	82.9
G-R05	Local goods	43.3
G-X07	Independent retail	93.7
G05	Male WC	54.2
G06	Female WC	57.5
G22	Prayer Room (M)	23.0
G23	Ablution (M)	28.5
G24	Prayer Room (F)	34.8
G25	Ablution (F)	29.1
G26	Storage	46.8
G27	Repair Area	11.1
G28	Security	26.0
G29	Delivery	30.4
G30	Refuse / Recycle	34.8
G16	Gym / wellness	151.5
G15	Electronics anchor	483.9
G-X01	Lifestyle retail	157.9
G-X02	Design retail	157.9
G-X03	Home and living	221.3
G-X04	Fashion anchor	224.3
G-X05	River gallery retail	153.2
G-X06	Local designer collective	143.7
G57	Covered loading / deliveries	142.8
G58	Podium market	136.4
G61	Rear service gallery	115.0
G60	Mail concourse	1238.6
F44	Management Office	22.9

All 73 source IDs retained.
G27 repair room reduced by instruction.
Room geometry audit: no overlaps.

APPROVED ARRIVAL

22.902 m frontage. Tip escalators retained; eight identical lifts and a help desk between the banks.

COORDINATION ISSUE / Native Revit save and furnishing remain pending. Sections retained for the final phase.

BESI RIVER COURT

FIRST FLOOR / COORDINATED PLANNING



ROOM REGISTER / NET m2		
F-SW	West stair	69.5
F-SE	East stair	69.5
F-SP	Public escalator landing	60.0
1-R07	Retail 7	102.5
1-R08	Retail 8	99.9
1-R09	Retail 9	66.3
1-R10	Retail 10	70.7
1-R11	Retail 11 / gallery store	162.3
1-R12	Retail 12 / gallery store	100.5
F09	Male WC	43.1
F10	Female WC	39.9
F42	Service Room	167.7
F43	Refuse / Recycle	48.3
1-R13	Retail 13	168.9
2-CW	Co-working lounge	270.4
S56	Maker workshop	45.8
1-E01	Multi-functional event hall	260.7
F41	Event store	34.2
F-X01	Experience retail	239.2
F-X02	Independent retail	239.6
F-X03	River gallery retail	76.2
F-X04	Design collective	76.1
F63	Rear service gallery	193.5
F62	Mail concourse	1805.2
F-PL	Upper panoramic lift and escal	241.9

All 73 source IDs retained.
G27 repair room reduced by instruction.
Room geometry audit: no overlaps.

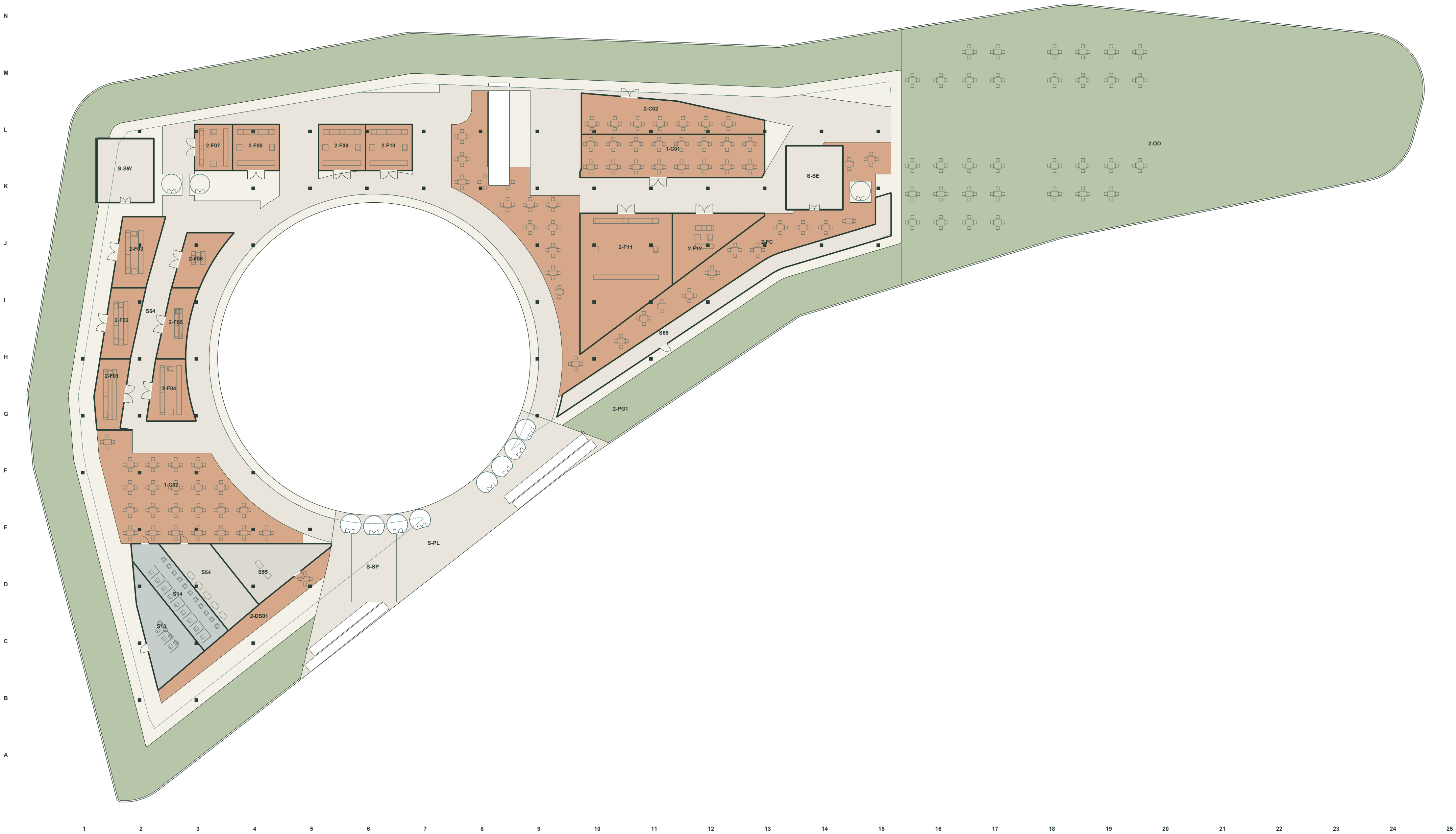
APPROVED ARRIVAL

Same common plate. Upper arrival is an internal gallery; the external ground entrance is not repeated.

COORDINATION ISSUE / Native Revit save and furnishing remain pending. Sections retained for the final phase.

BESI RIVER COURT

SECOND FLOOR / COORDINATED PLANNING



ROOM REGISTER / NET m2		
2-F01	Live grill	38.7
2-F02	Wok kitchen	43.5
2-F03	Local kitchen	52.1
2-F04	Bakery	44.9
2-F05	Plant kitchen	35.4
2-F06	Dessert lab	36.5
1-C02	Shared dining	267.1
1-C01	River Roastery	152.7
2-C02	Tea Garden	106.9
2-F11	Noodle and grill hall	190.6
2-F12	Regional market kitchen	65.3
2-F07	Indian kitchen	33.0
2-F08	Levant kitchen	41.0
2-F09	Seafood grill	41.0
2-F10	Pastry kitchen	41.0
2-C00	Covered river dining terrace	2023.5
S13	Male WC	72.0
S14	Female WC	72.1
S54	Food hall services	72.3
S55	Refuse / recycle	72.1
2-FC	Main food hall	461.2
2-DS01	Shared dining 1	65.5
S-SW	West stair	69.5
S-SE	East stair	69.5
S-SP	Public escalator landing	60.0
S64	Mail concourse	1204.7
S65	Rear service gallery	116.8
2-PG1	Covered garden promenade	1575.7
S-PL	Upper panoramic lift and escal	241.9

All 73 source IDs retained.
G2/7 repair room reduced by instruction.
Room geometry audit: no overlaps.

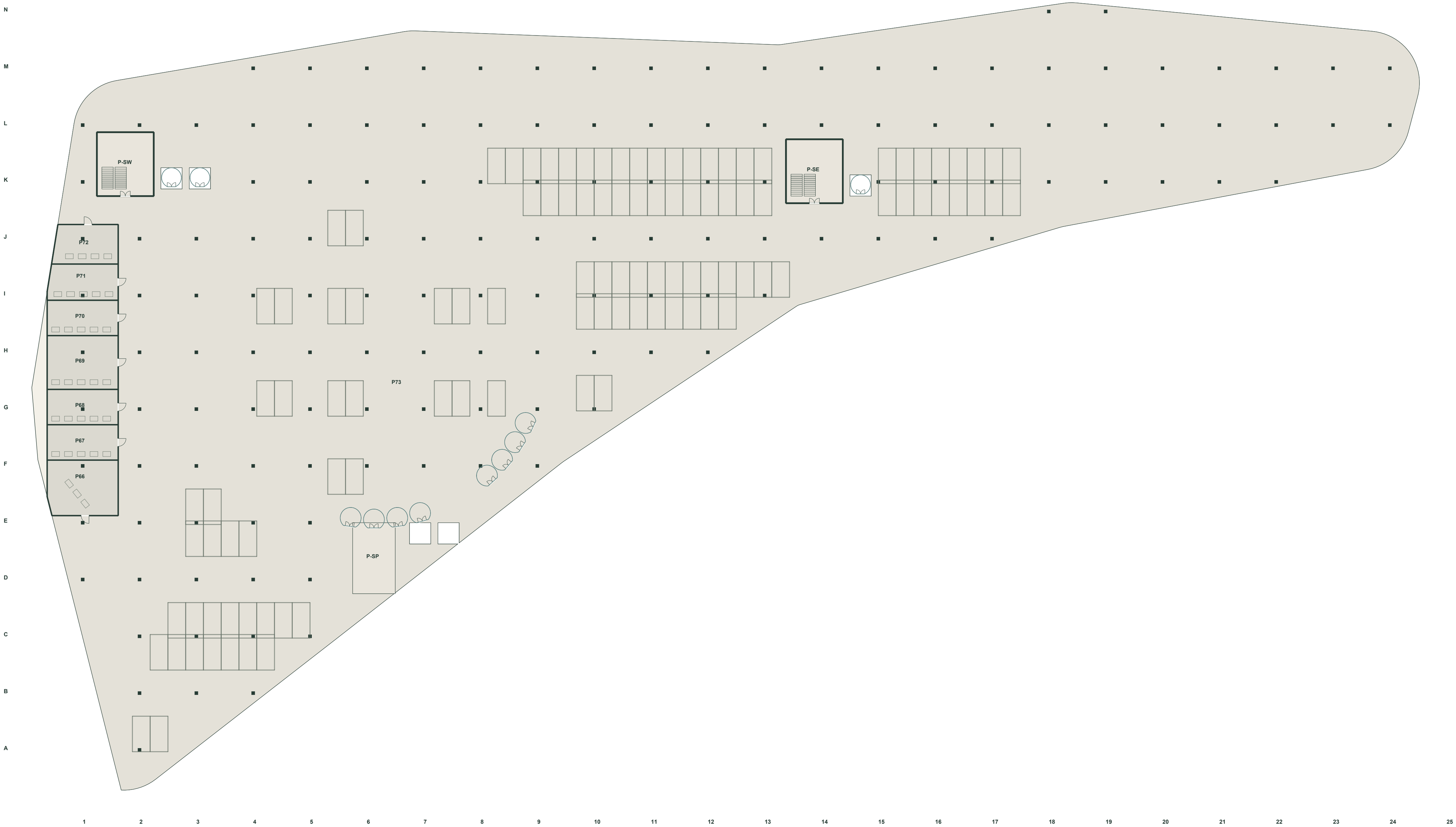
APPROVED ARRIVAL

Twelve kitchens and two cafes. Connected dining circulation opens to the covered river terraces.

COORDINATION ISSUE / Native Revit save and furnishing remain pending. Sections retained for the final phase.

BESI RIVER COURT

SUB-BASEMENT / COORDINATED PLANNING



ROOM REGISTER / NET m2		
P-SW	West stair	69.5
P-SE	East stair	69.5
P-SP	Sub-basement pedestrian circui	57.6
P66	HVAC	74.7
P67	TNB Room	47.6
P68	MDF	47.6
P69	Water Tank	73.1
P70	Electrical	47.6
P71	Storage - bulk	47.6
P72	Service Room	47.6
P73	Sub-basement parking	9307.6

All 73 source IDs retained.
G27 repair room reduced by instruction.
Room geometry audit: no overlaps.

CONTINUOUS STRUCTURAL BASE

Parking continues below the open court deck. Eight new lift pits cut fully through the parking slab.

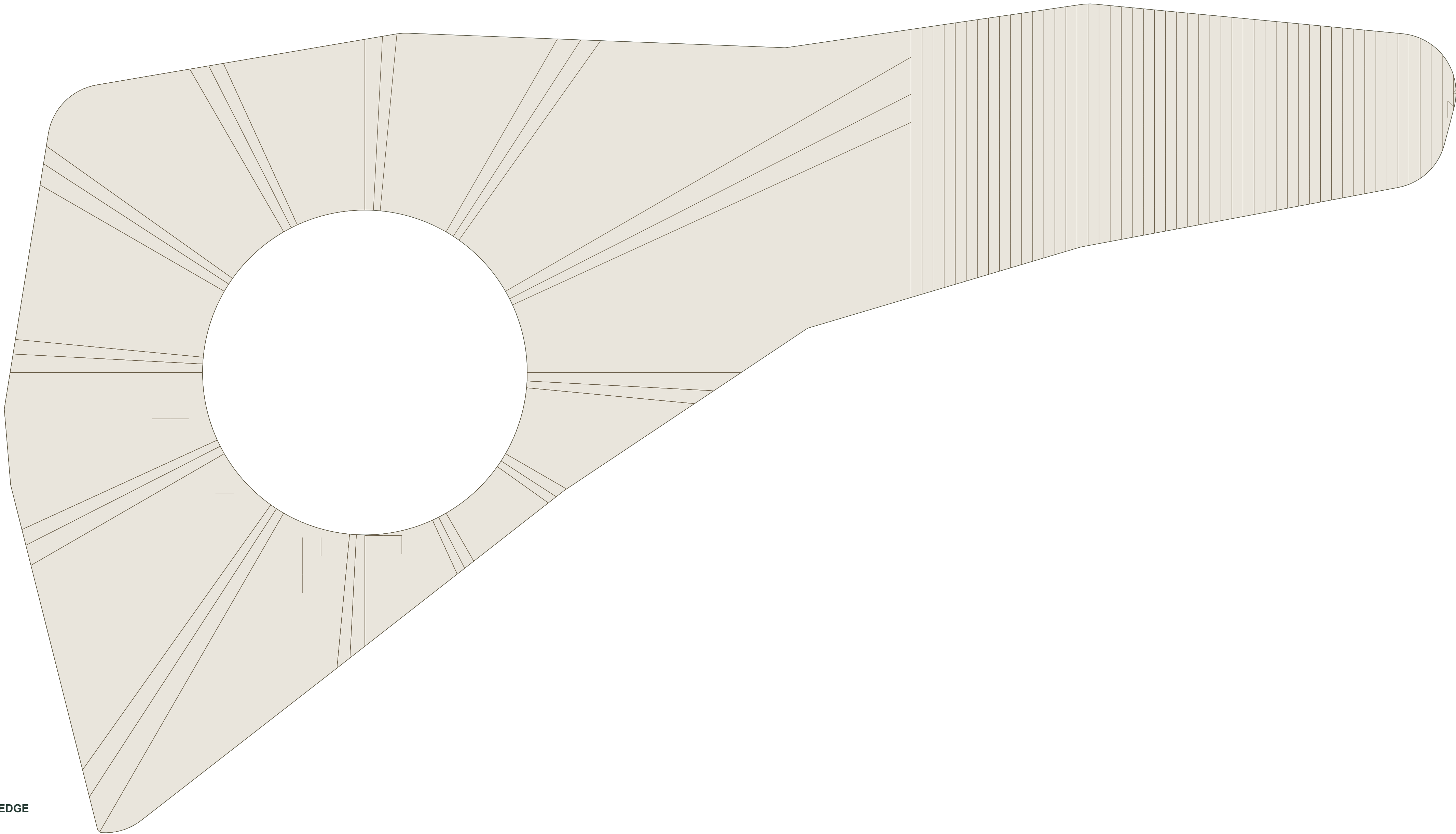
COORDINATION ISSUE / Native Revit save and furnishing remain pending. Sections retained for the final phase.

BESI RIVER COURT

PHYSICAL ROOF GEOMETRY / TERRACE COVER AND OPEN COURT

ASSEMBLY LOGIC

- Folded roof to the west
- Arched terrace weather cover
- Glazed step closure at J01
- Independent deck and insulation
- Profiled perimeter edge frame
- 25 mm cassette head allowance
- External 200 x 200 drip trough
- Slotted shelf plates and isolation
- Court remains open through roof



A CONTINUOUS WEATHER EDGE

Roof seams and boundaries are extracted from the current model meshes.

The gutter is external to the insulation build-up. Hydraulic fall, overflow and outlet sizing remain open engineering items.

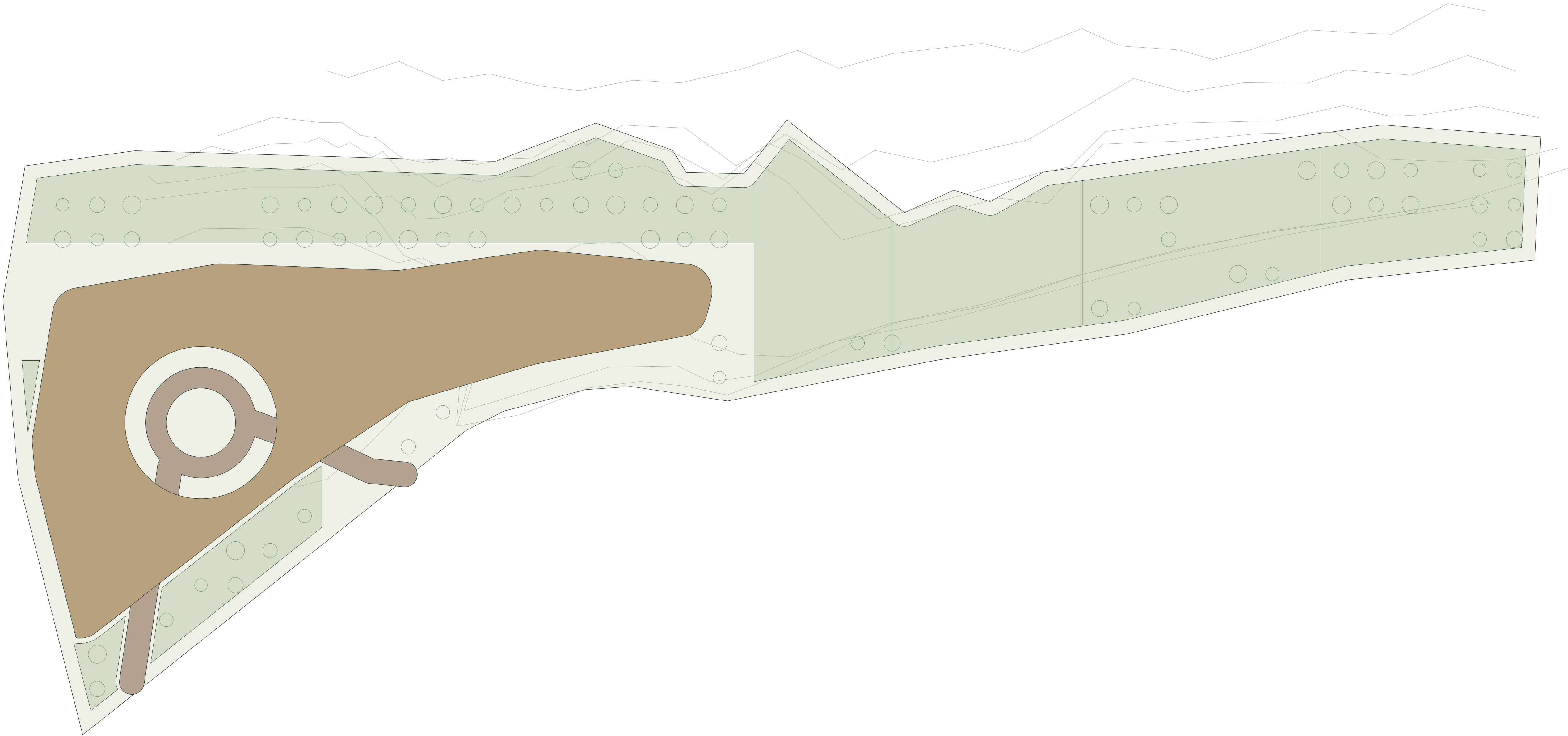
Head stations and cassette bays share the same perimeter stationing; the source profile is measured from the physical roof triangles.

BESI RIVER COURT

SITE BOUNDARY / TOPOGRAPHY AND LANDSCAPE CONTEXT

SOURCE AND LIMITS

- Townscape Study & Site Analysis.pdf
- Boundary reference: page 157
- Contour reference: page 130
- Assumed extraction scale: 0.4 m/px
- Ground FFL +1.430 m
- Adjacent approach +0.430 m
- Sub-basement FFL -2.170 m
- Survey and flood datum unverified



TOPOGRAPHY REMAINS PART OF THE DESIGN

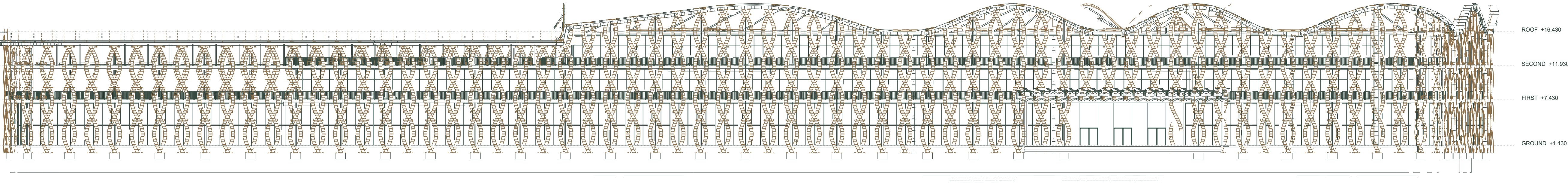
The boundary, graded landscape, river descent, road approach and structural deck are retained with the revised building.
This sheet records the coordinated context. It does not replace the source site study or a measured topographical survey.

COORDINATION ISSUE / Native Revit save and furnishing remain pending. Sections retained for the final phase.

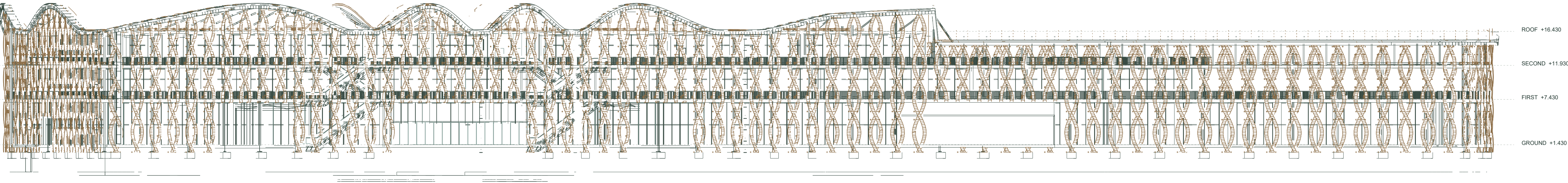
BESI RIVER COURT

RIVER AND ROAD ELEVATIONS / COORDINATED ENVELOPE

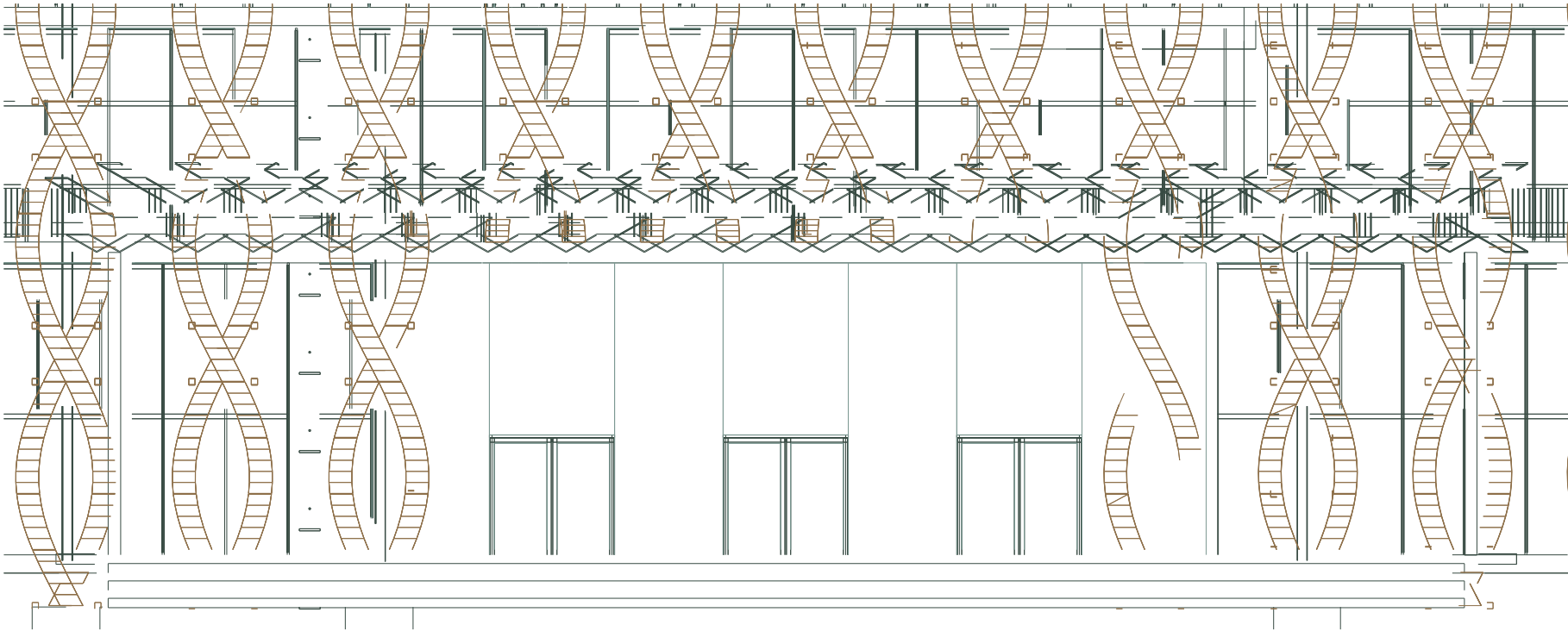
01 / RIVER FRONT



02 / ROAD FRONT

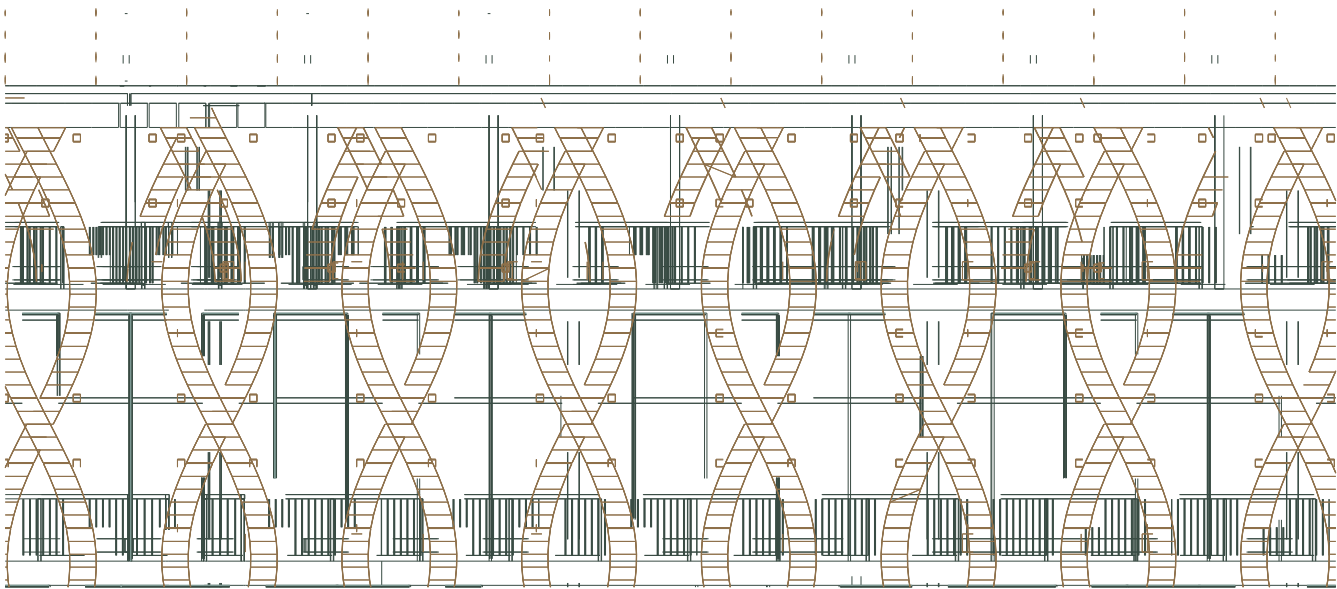


03 / GRAND RIVER PORTAL



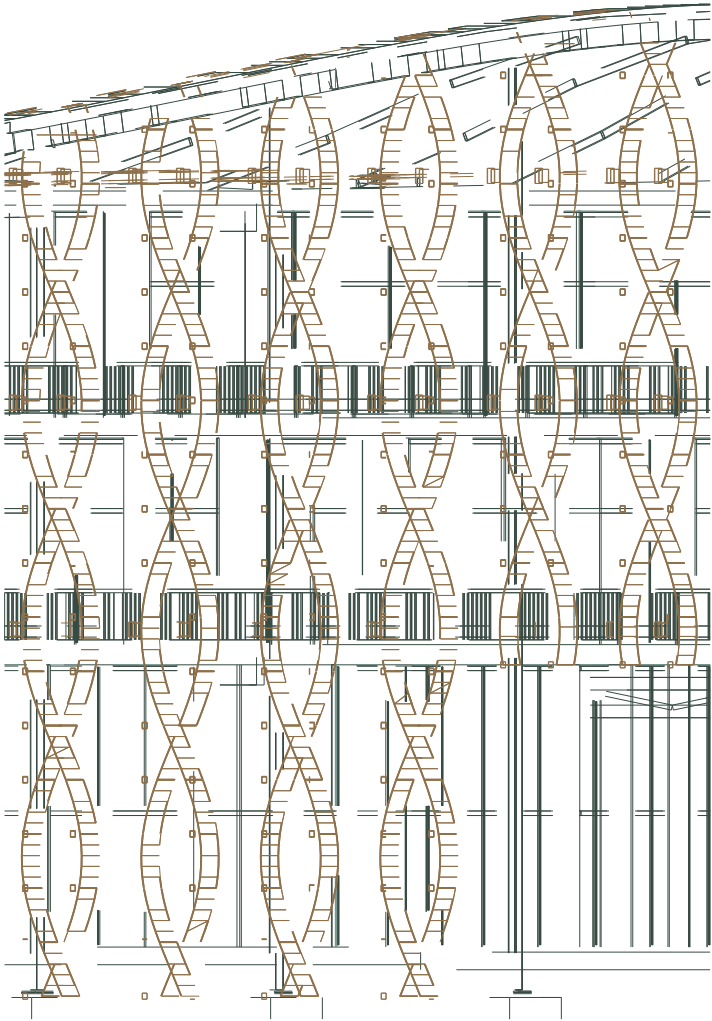
Actual envelope projection / 1:125 / Interface details A-701 and A-702

04 / RAIN-SHELTERED TERRACE EDGE



Actual envelope projection / 1:125 / Interface details A-701 and A-702

05 / FULL-HEIGHT WEAVE AND RECESSED GLAZING



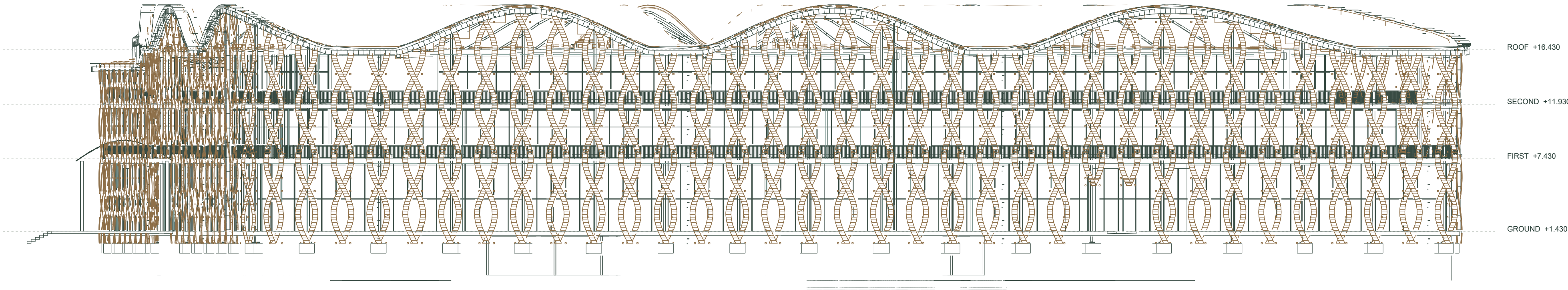
Actual envelope projection / 1:150 / Interface details A-701 and A-702

Independent bronze weave continues to ground; occupied glazing is recessed behind the screen.
Two drive-through portals lead to the arrival court. The court remains open to sky above its ground-level deck.

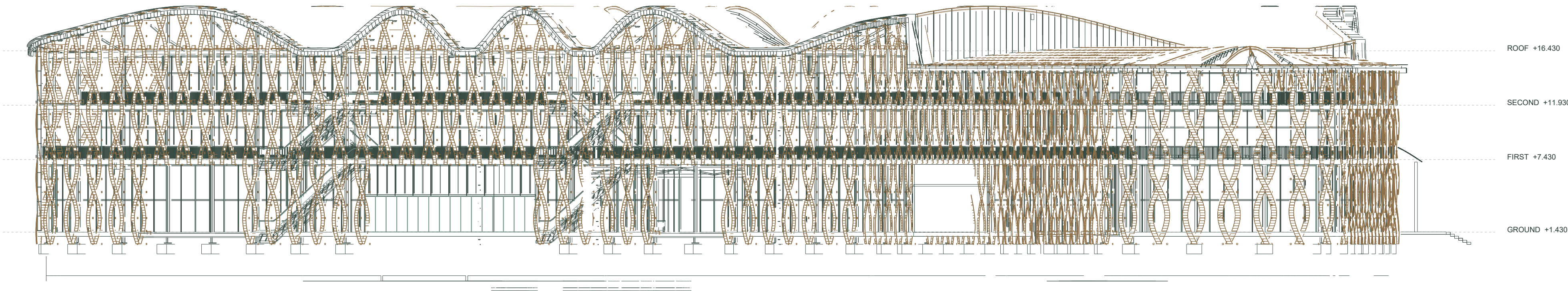
BESI RIVER COURT

WEST AND EAST RETURNS / OPEN TERRACE EDGES

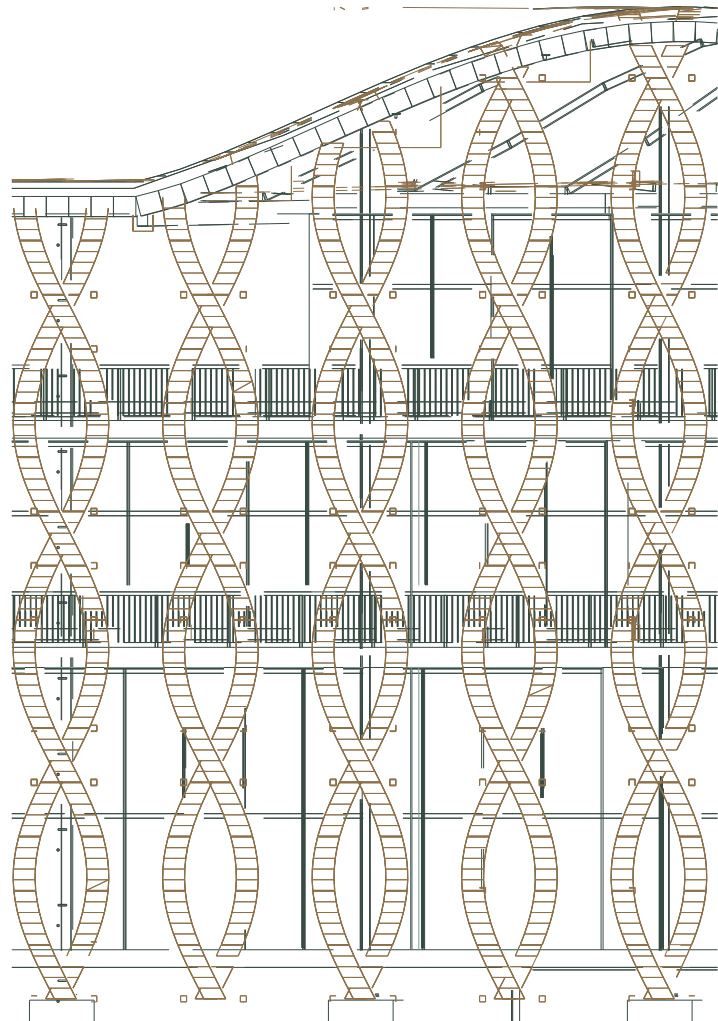
01 / WEST RETURN



02 / EAST RETURN

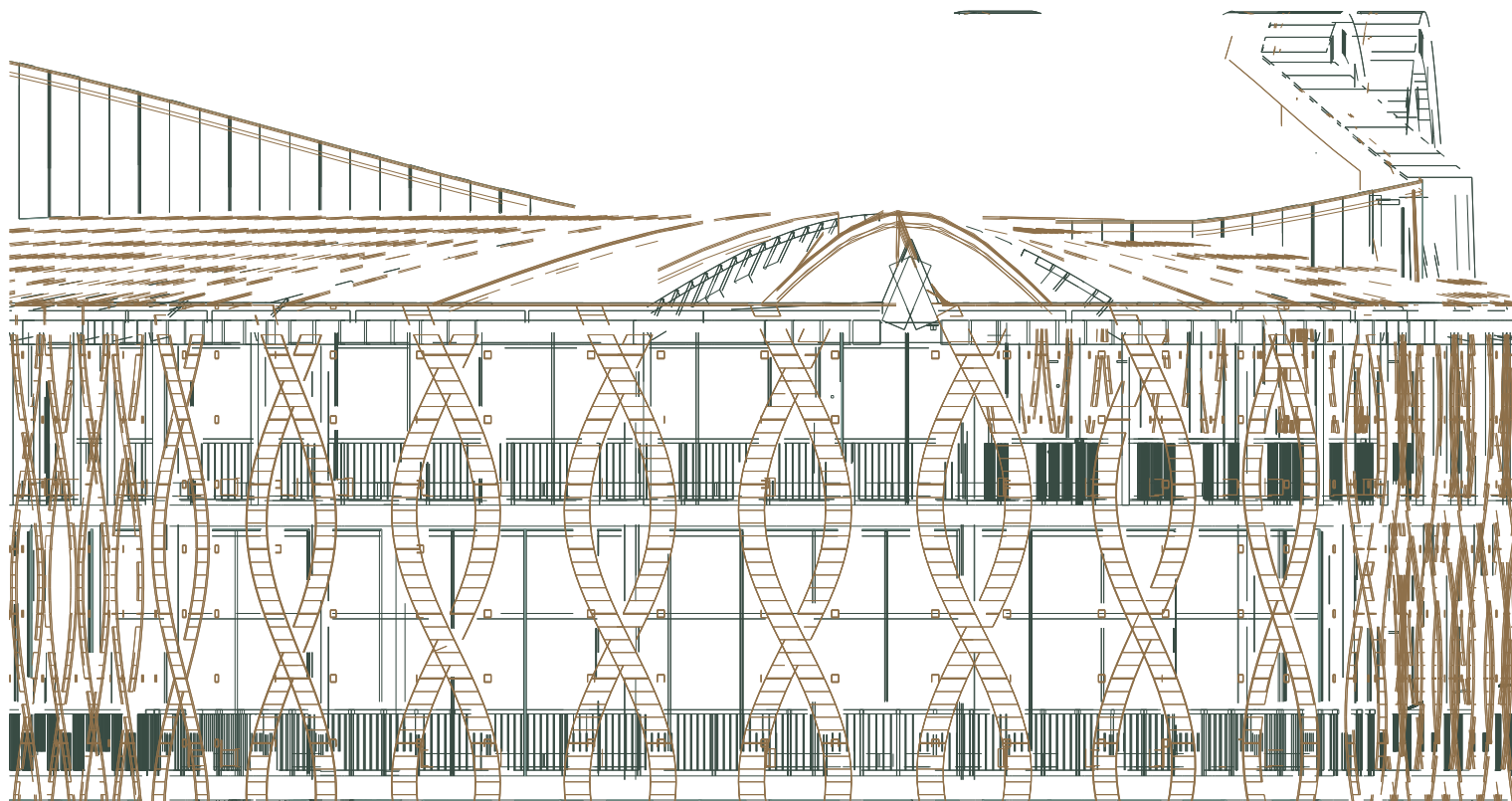


03 / CONTINUOUS RETURN OF THE OPEN SCREEN



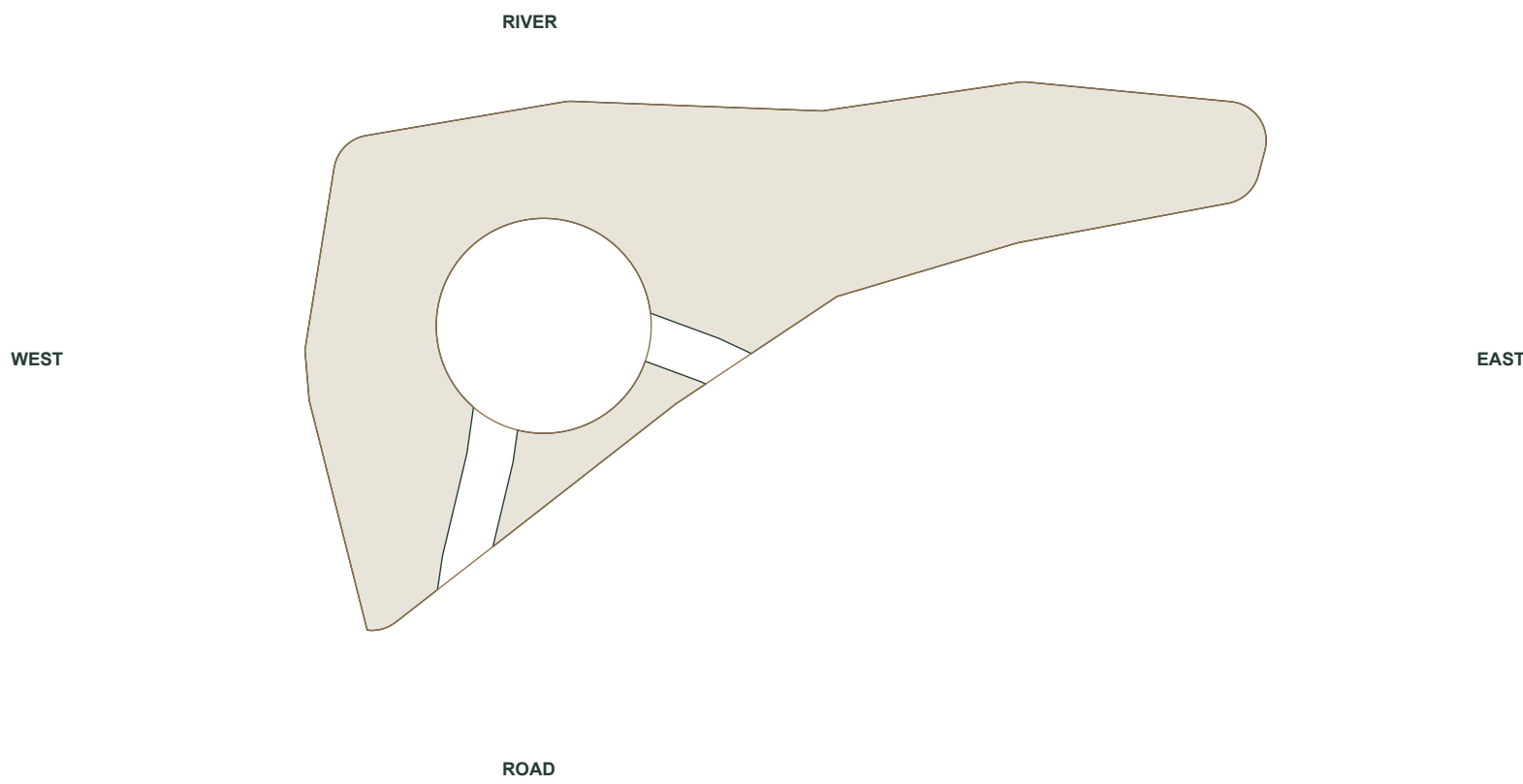
Actual envelope projection / 1:150 / Interface details A-701 and A-702

04 / LAYERED TERRACE FINS AND RIBBONS



Actual envelope projection / 1:125 / Interface details A-701 and A-702

05 / ELEVATION ORIENTATION



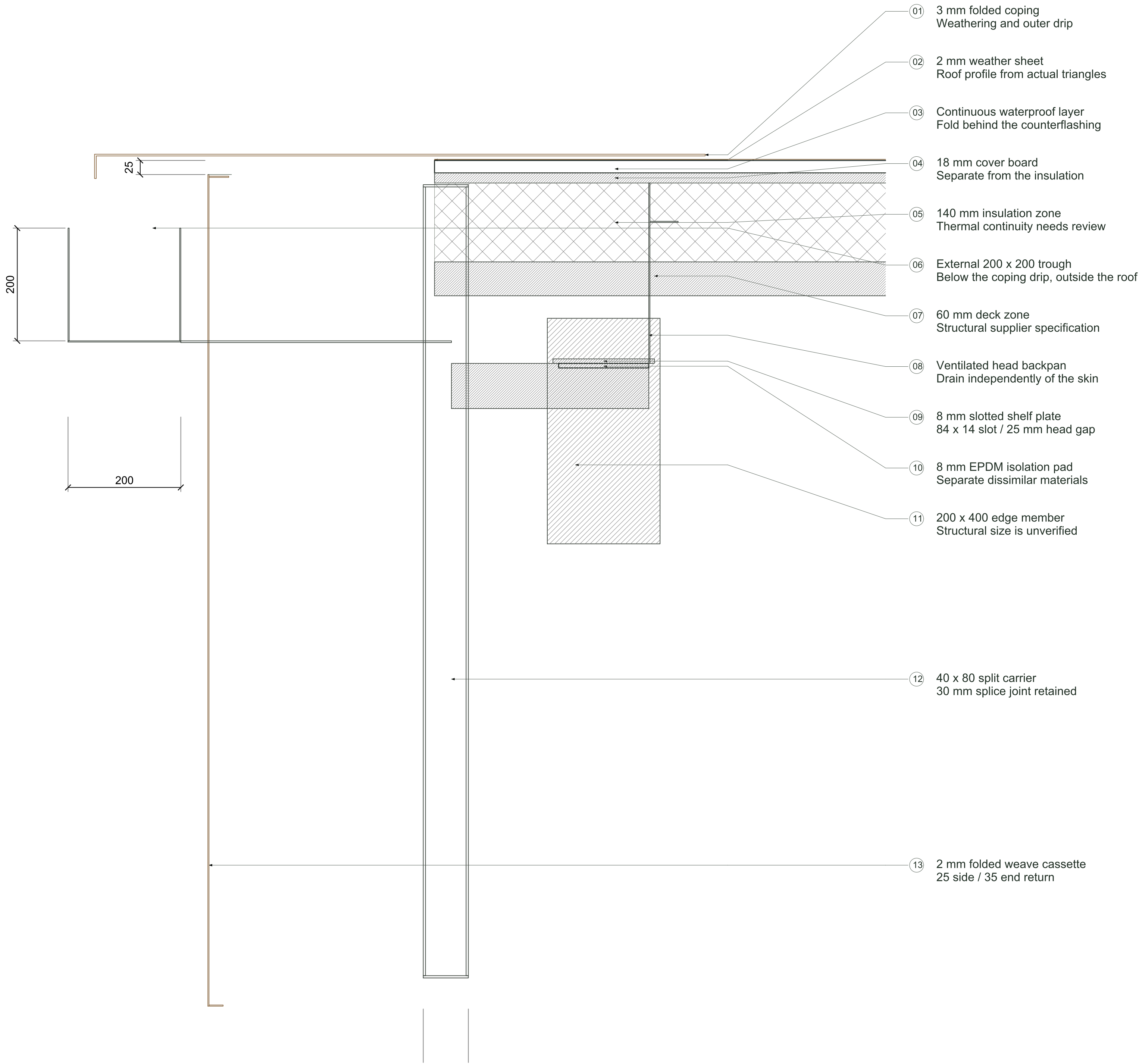
Footprint key 1:1500 / Top floor in bronze outline

Deep flared blades and flowing ribbons turn around the terrace edges; service spines remain separately accessible.
The building ends before the eastern park. Current head, roof, connection and curtain-wall interfaces: A-701 and A-702.

BESI WEAVE

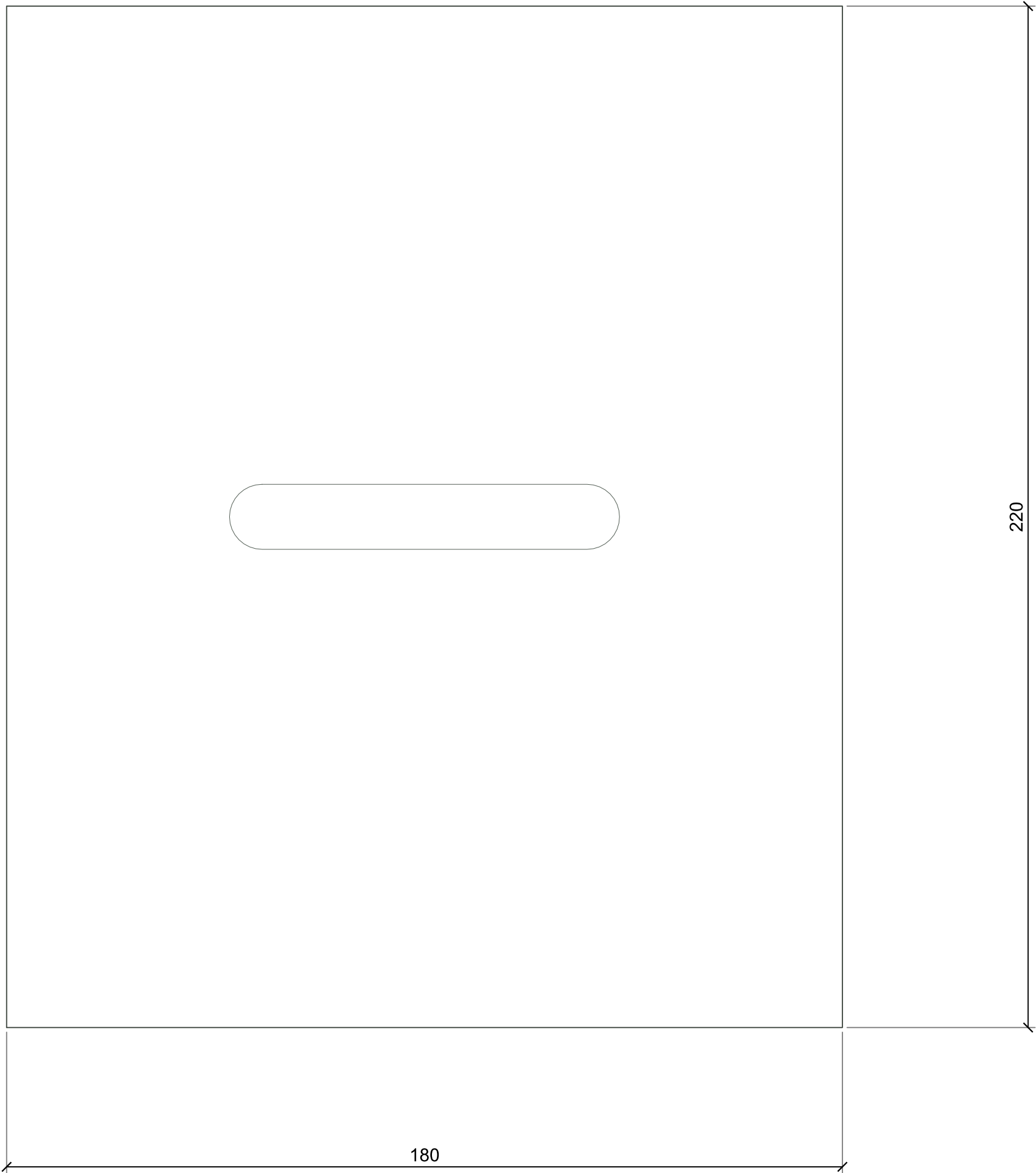
PROFIED WEAVE HEAD / ROOF AND DRAINAGE INTERFACE

Typical transverse assembly, local roof edge = 0. Variable roof levels come from the model. Designed interface, supplier release pending.



01 / TYPICAL HEAD SECTION 1:5
Outside left. Open screen: no curtain wall immediately behind this assembly.
Dimensions are coordination inputs. Drainage fall, outlet spacing and overflow capacity remain to be sized.

0 500 mm
SCALE 1:5 AT ORIGINAL SHEET SIZE



02 / SLOTTED SHELF 1:1

180 x 220 x 8 plate; 84 x 14 slot.
A movement restraint, not a fixed bolt at both ends.
Fastener grade and edge distances need structural review.

MATERIAL KEY

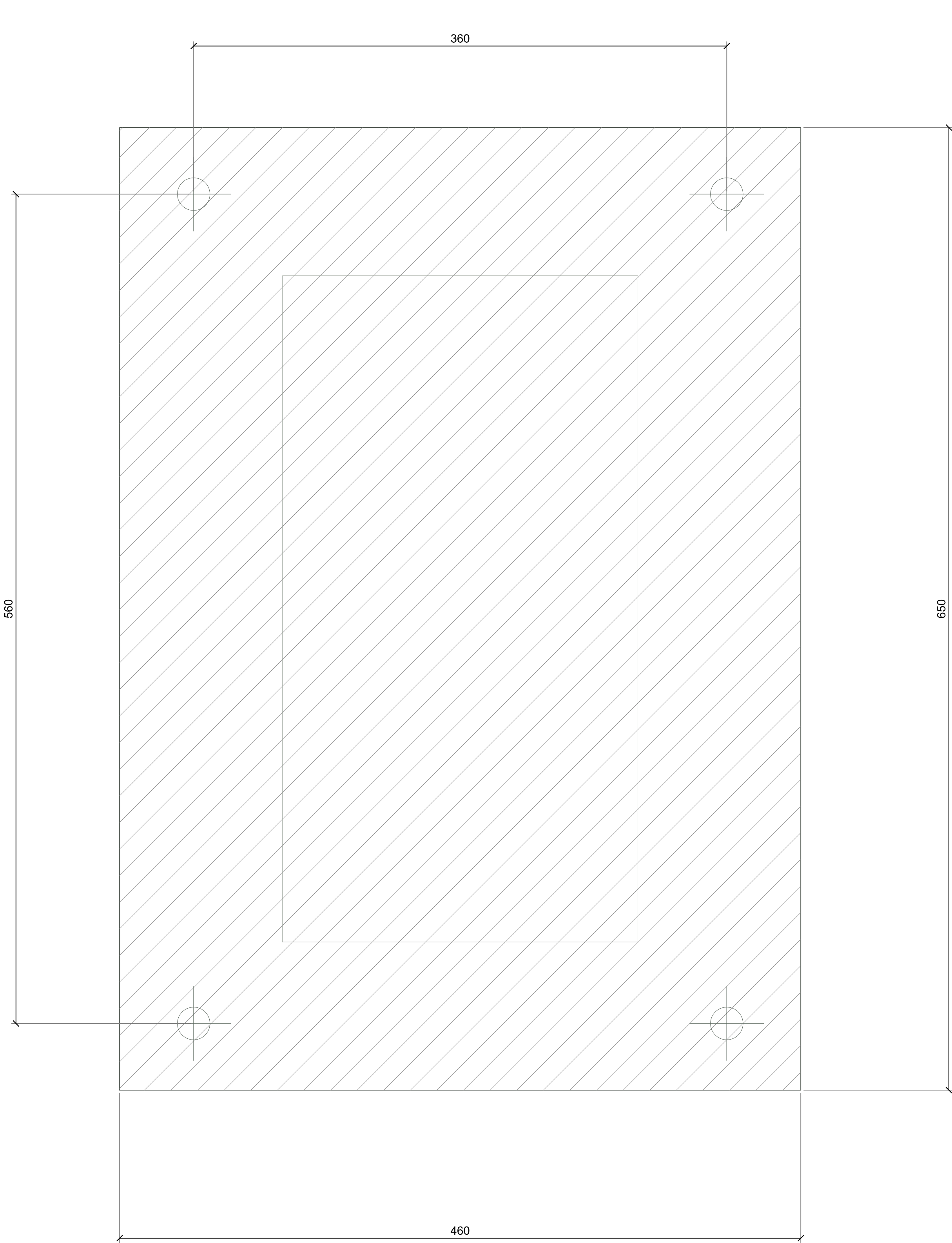
- Concrete cut
- Mineral wool
- Metal section
- Air / water seal
- Beyond / projected

ASSEMBLY REGISTER H000-H170
171 head stations align with BW bay stations.
Hydraulic sizing remains pending.

BESI WEAVE

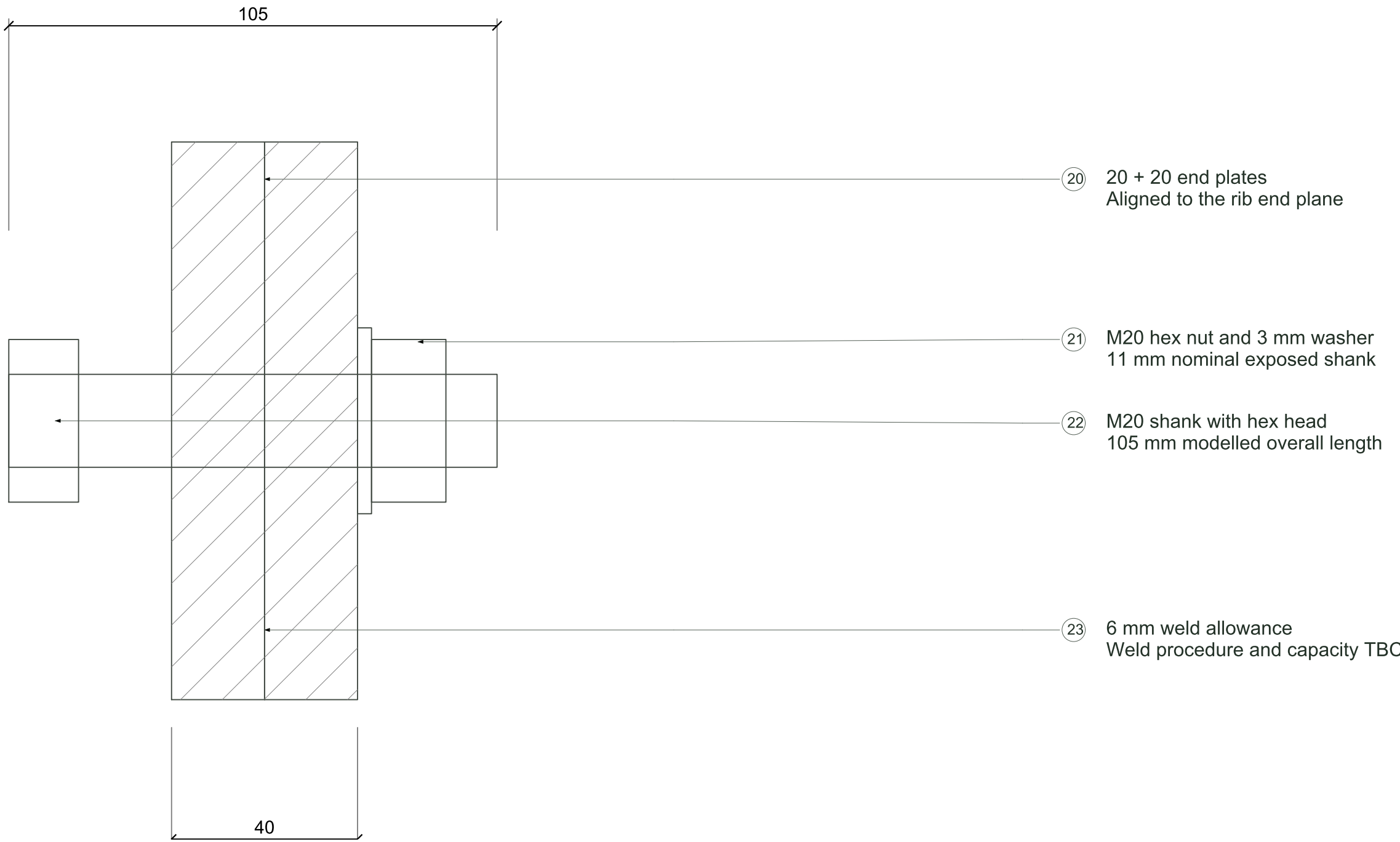
RIB CONNECTION / MINIMAL CURTAIN WALL INTERFACE

Connection C0000 family: modelled geometry with bored holes, bolt heads, shanks, washers, nuts and weld beads. Structural capacity unverified.

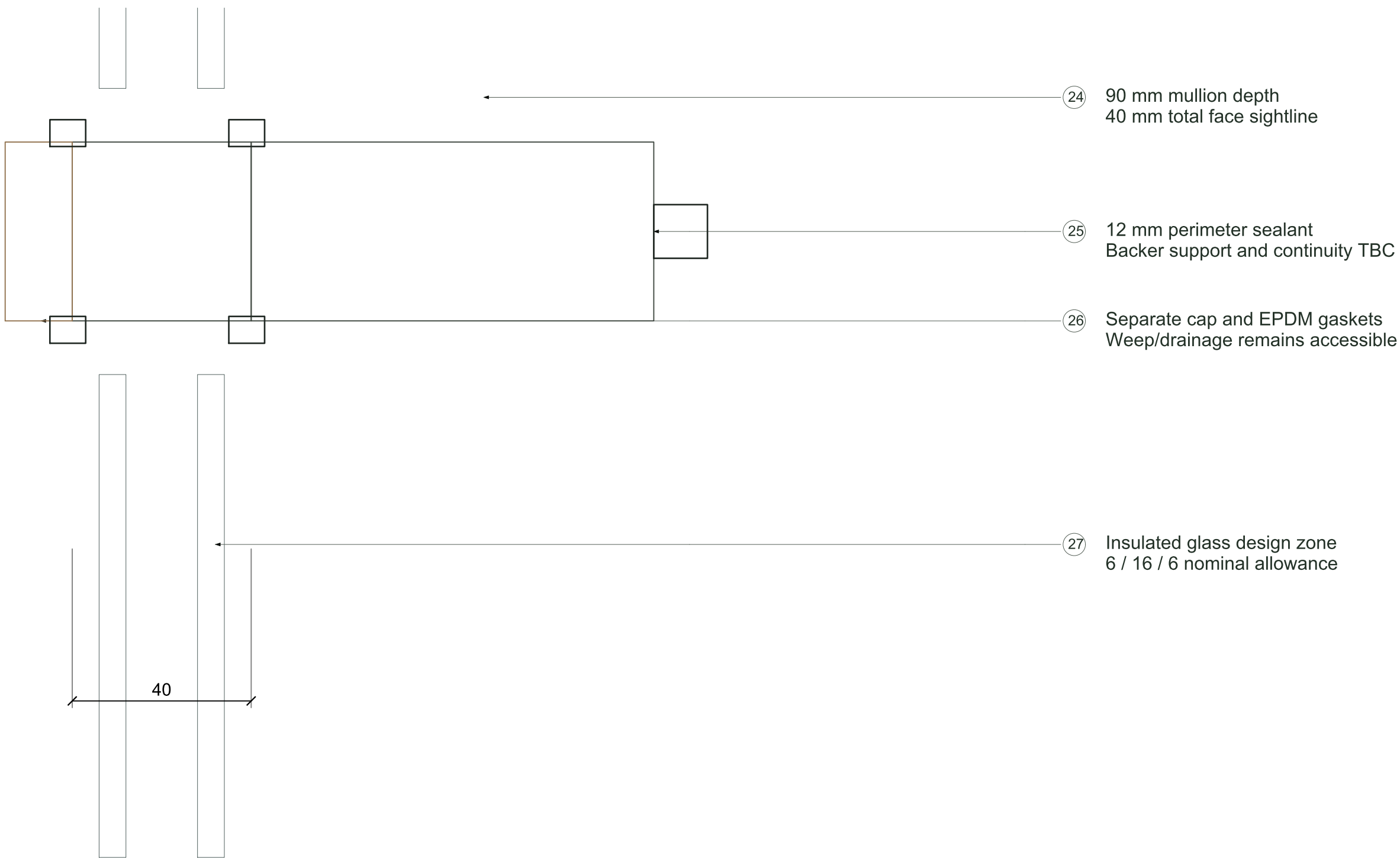


01 / END PLATE ELEVATION 1:2

2 plates, each 460 x 650 x 20. Four nominal M20 bolts.
Rib section 240 x 450 is shown behind the plate.
22 mm bored holes. Geometry only; no resistance calculation implied.



02 / BOLTED END PLATE SECTION 1:1



03 / MINIMAL CW JOINT 1:1

NATIVE REVIT TYPE
40 x 90 mm mullions; vertical grids max 1350.
Supplier profile and glazing specification pending.