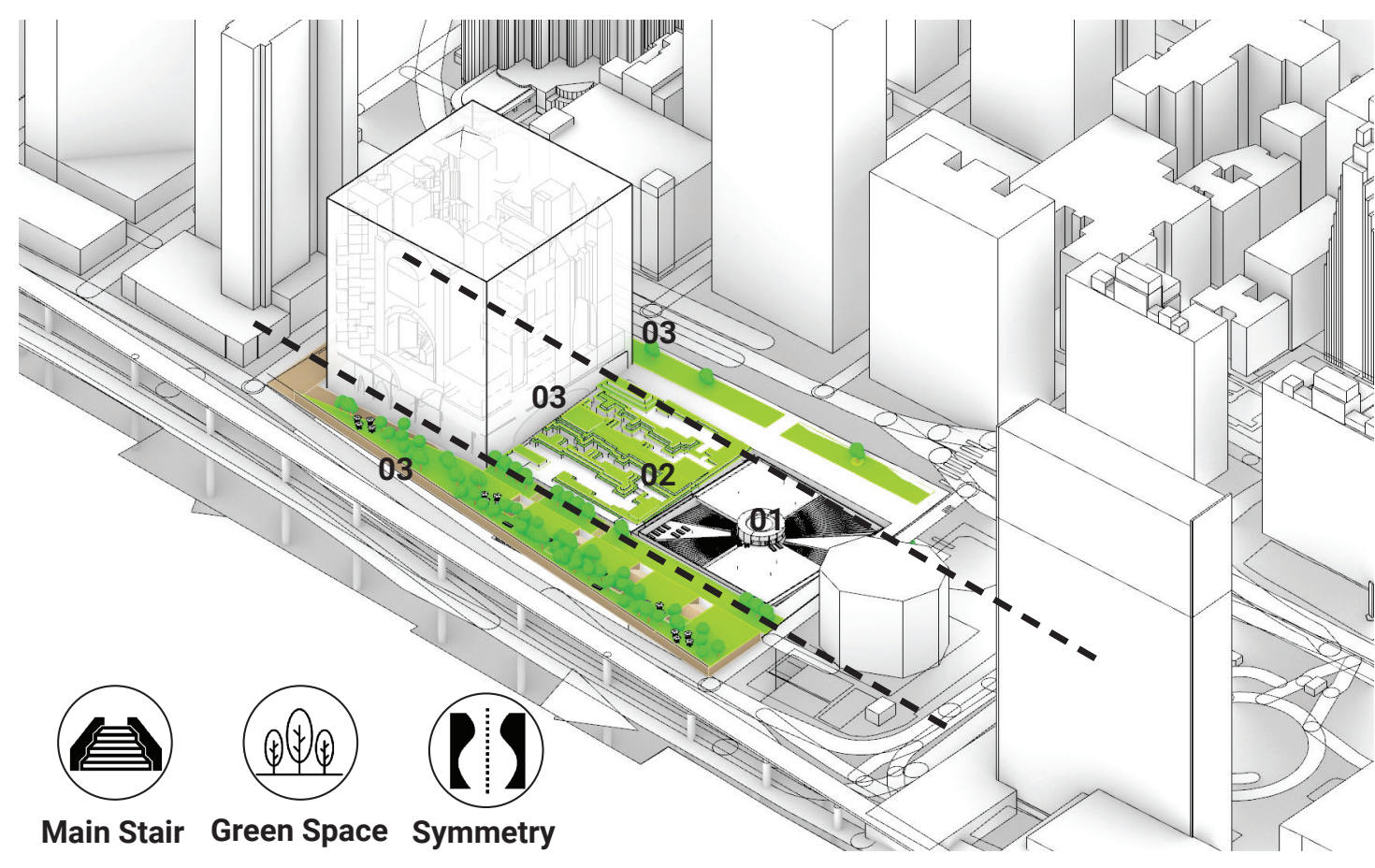
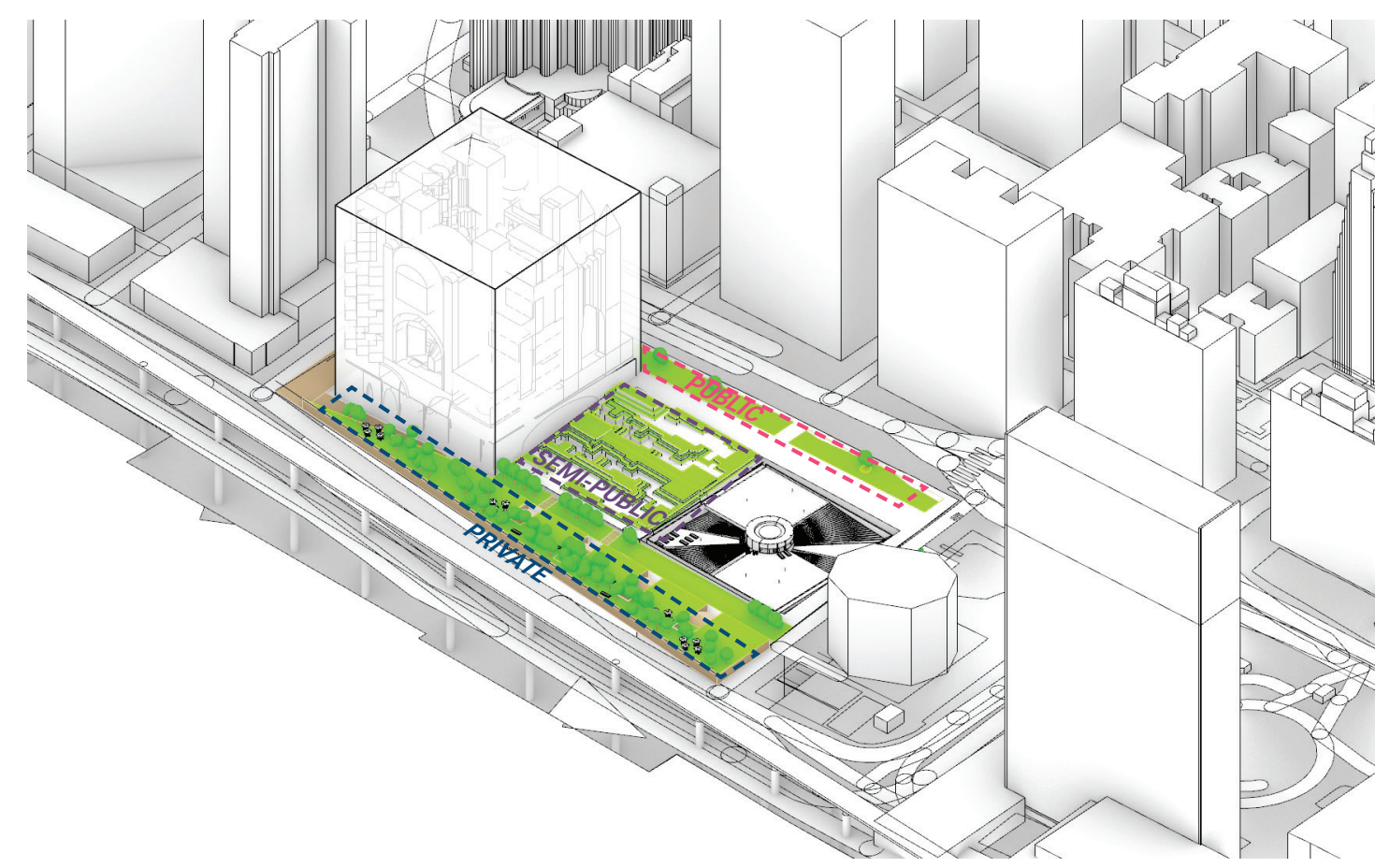


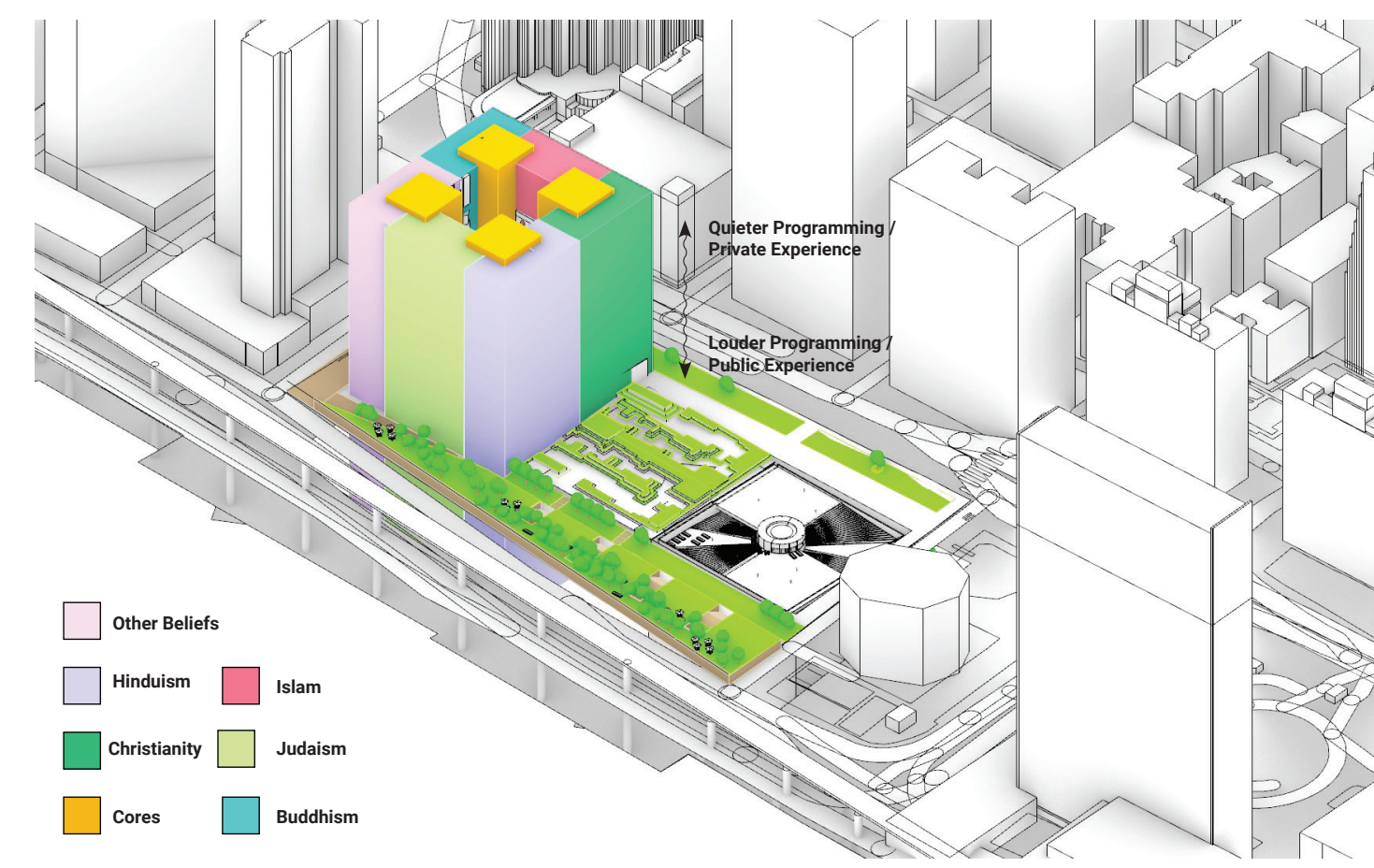
Ground Floor Plan



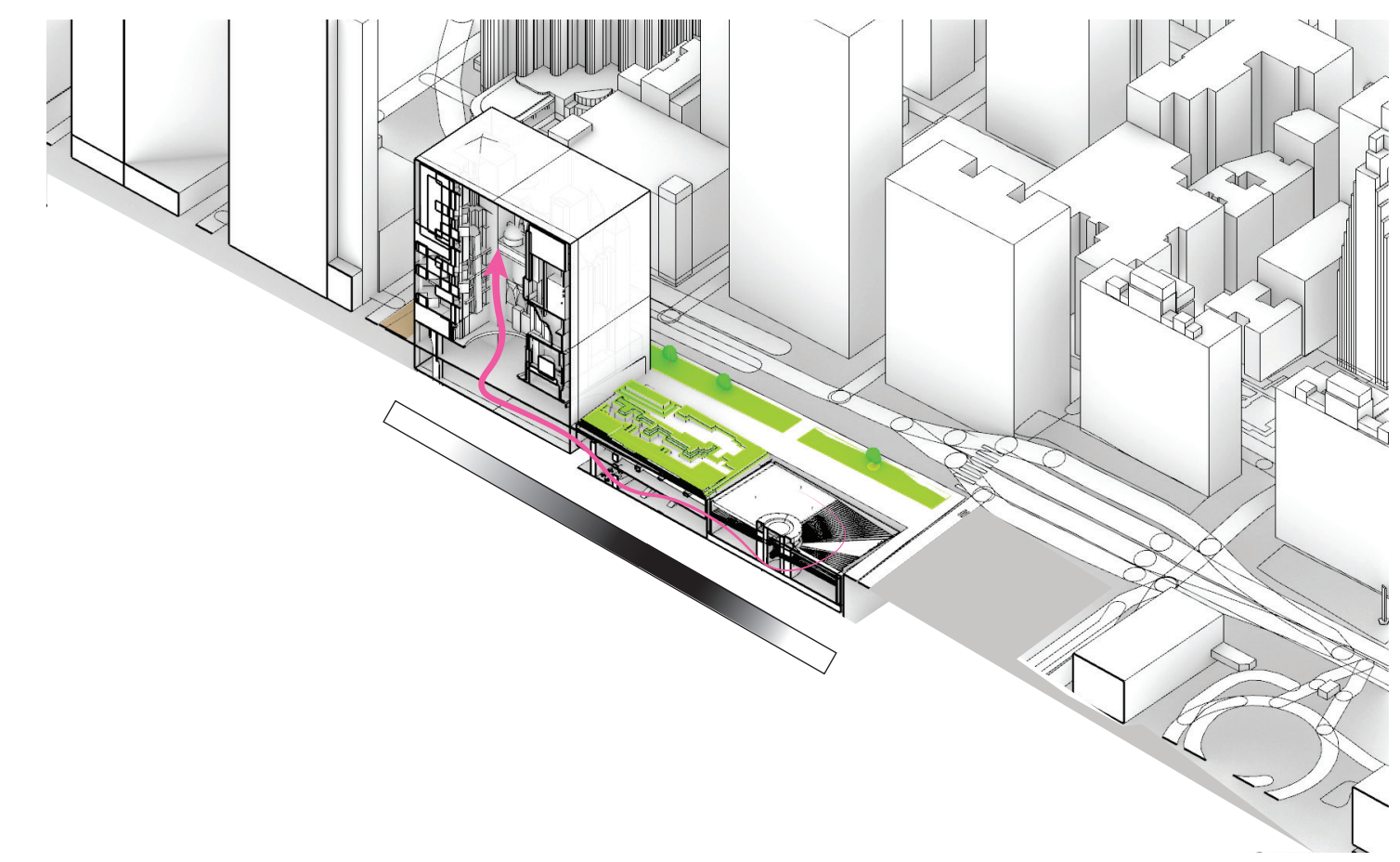
Site Division



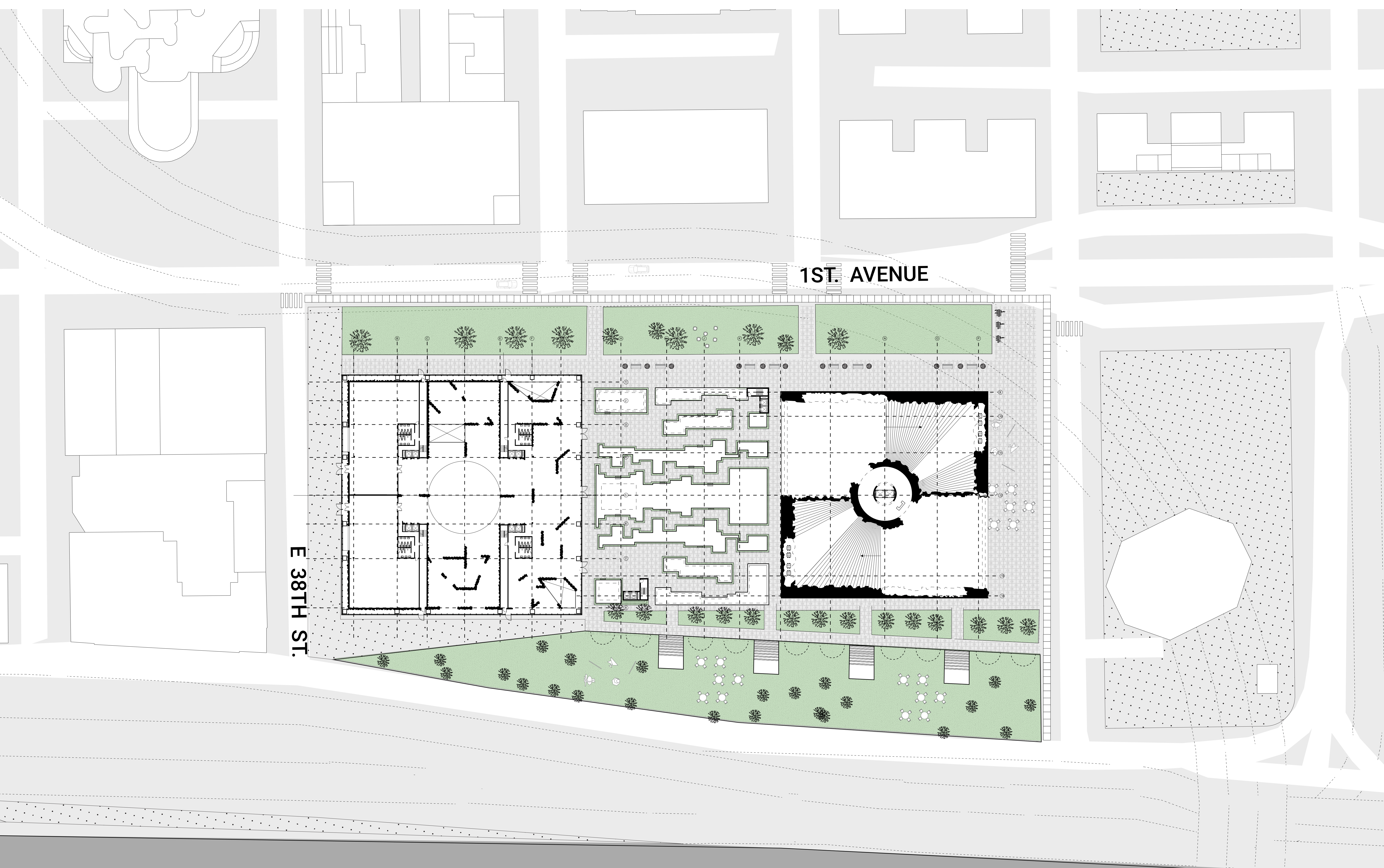
Site Characteristics



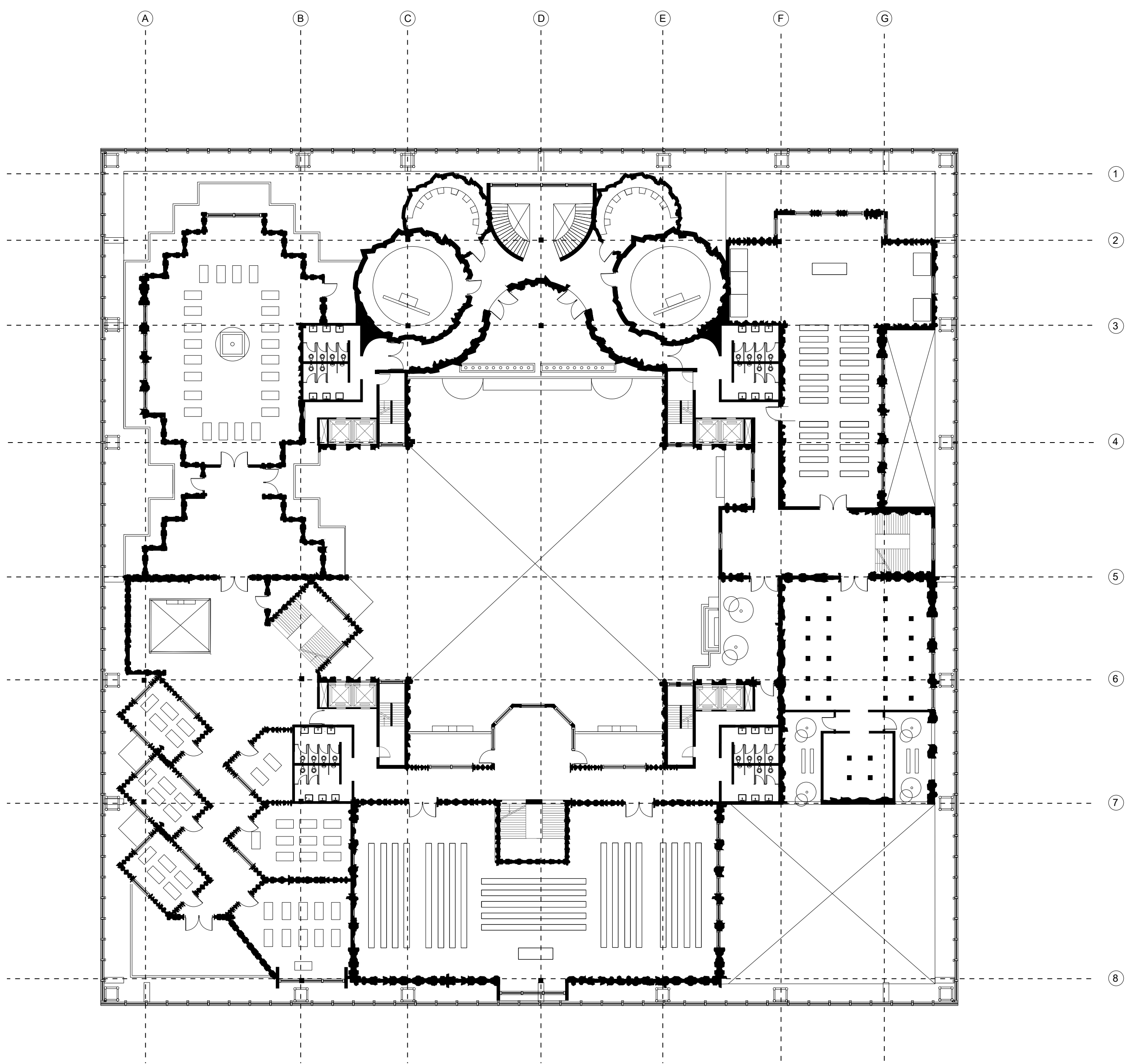
Division of Building



Transition of Light



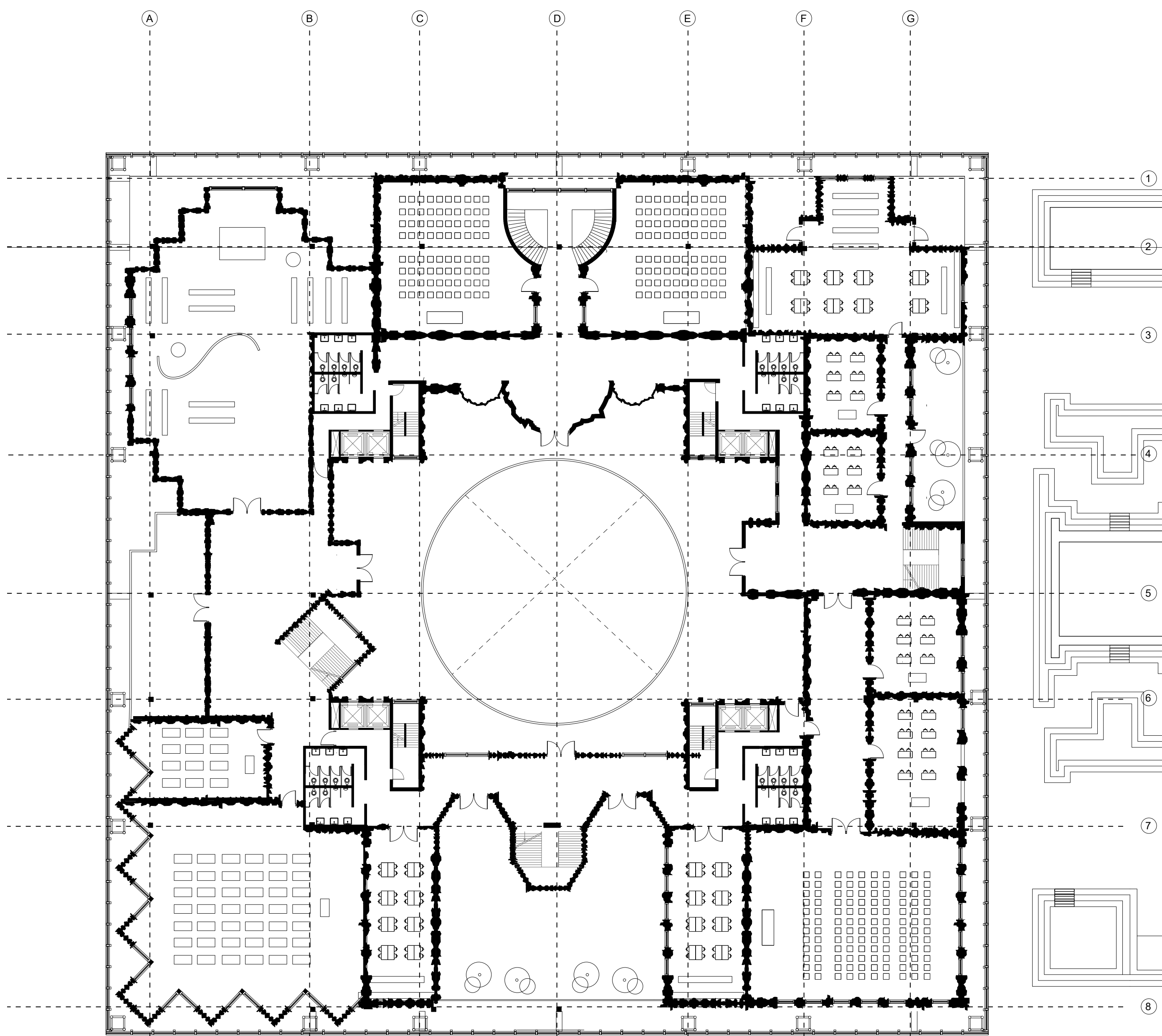
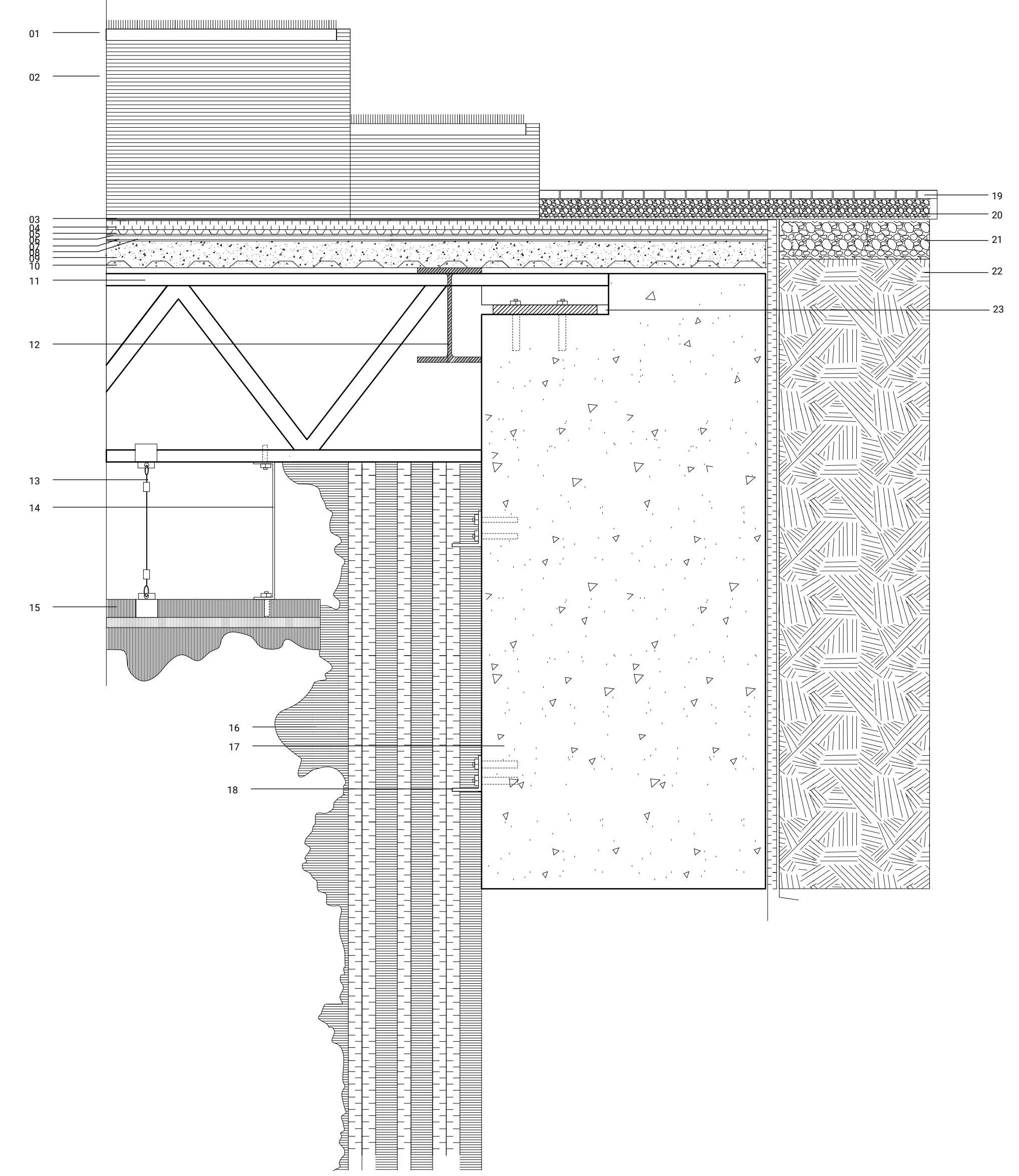
Ground Floor Site Plan



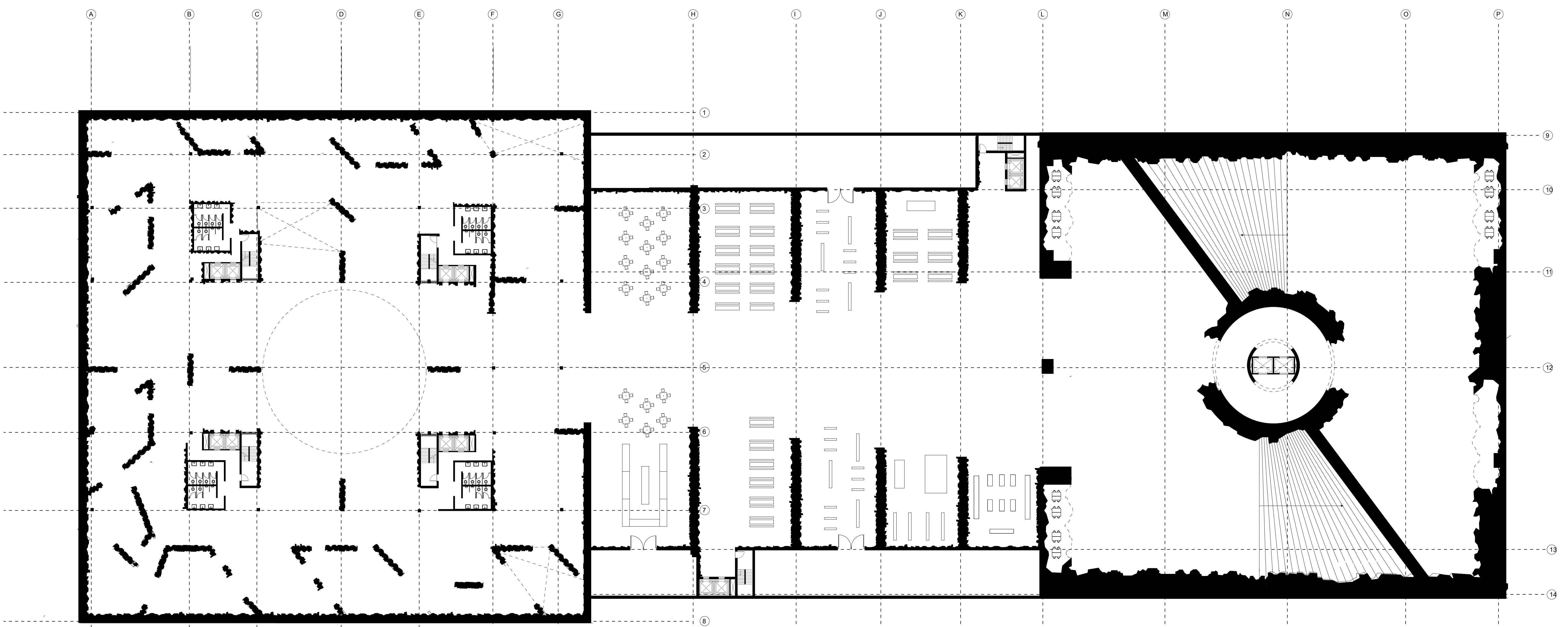
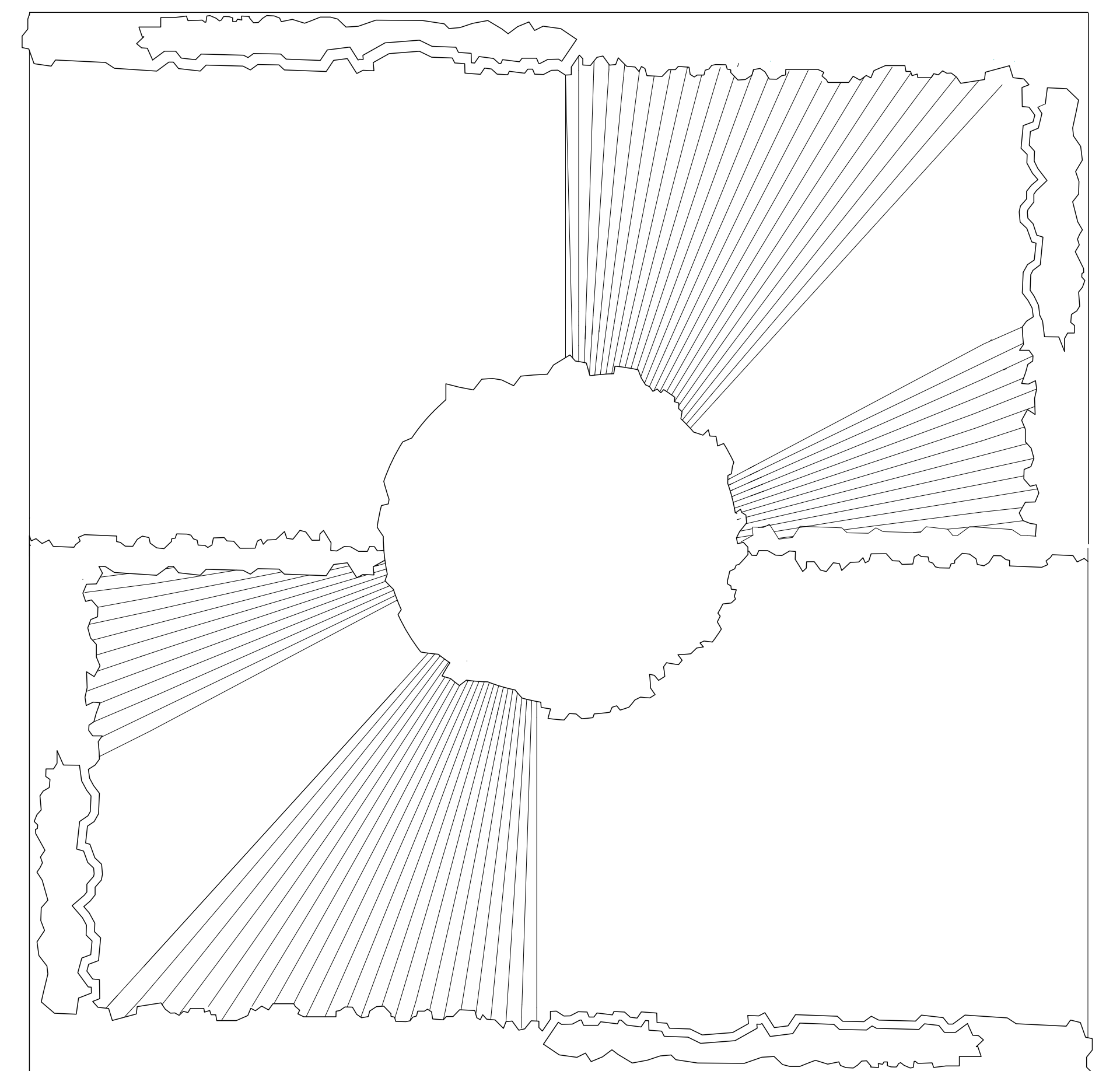
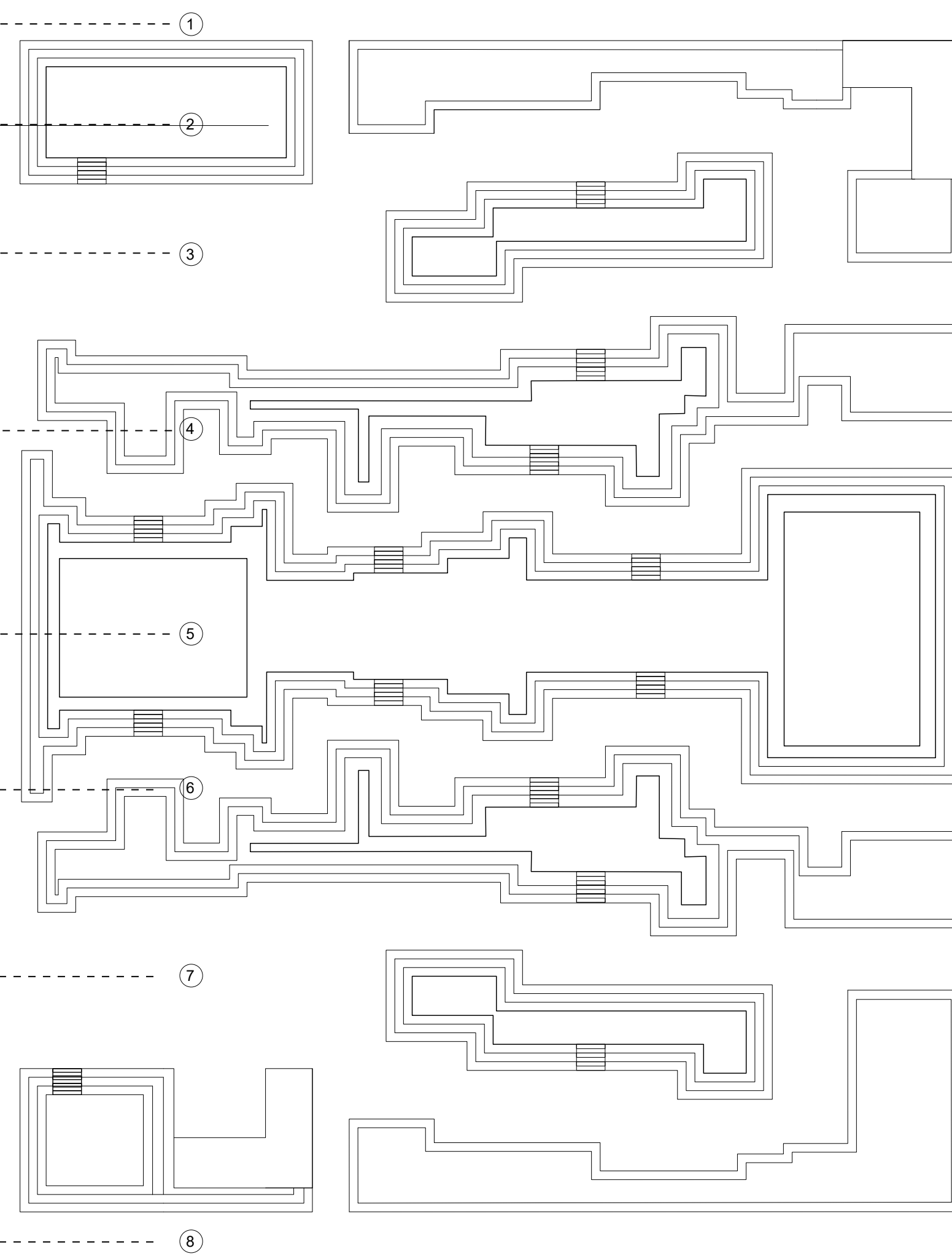
Upper Floor Plan

Underground Roof Detail

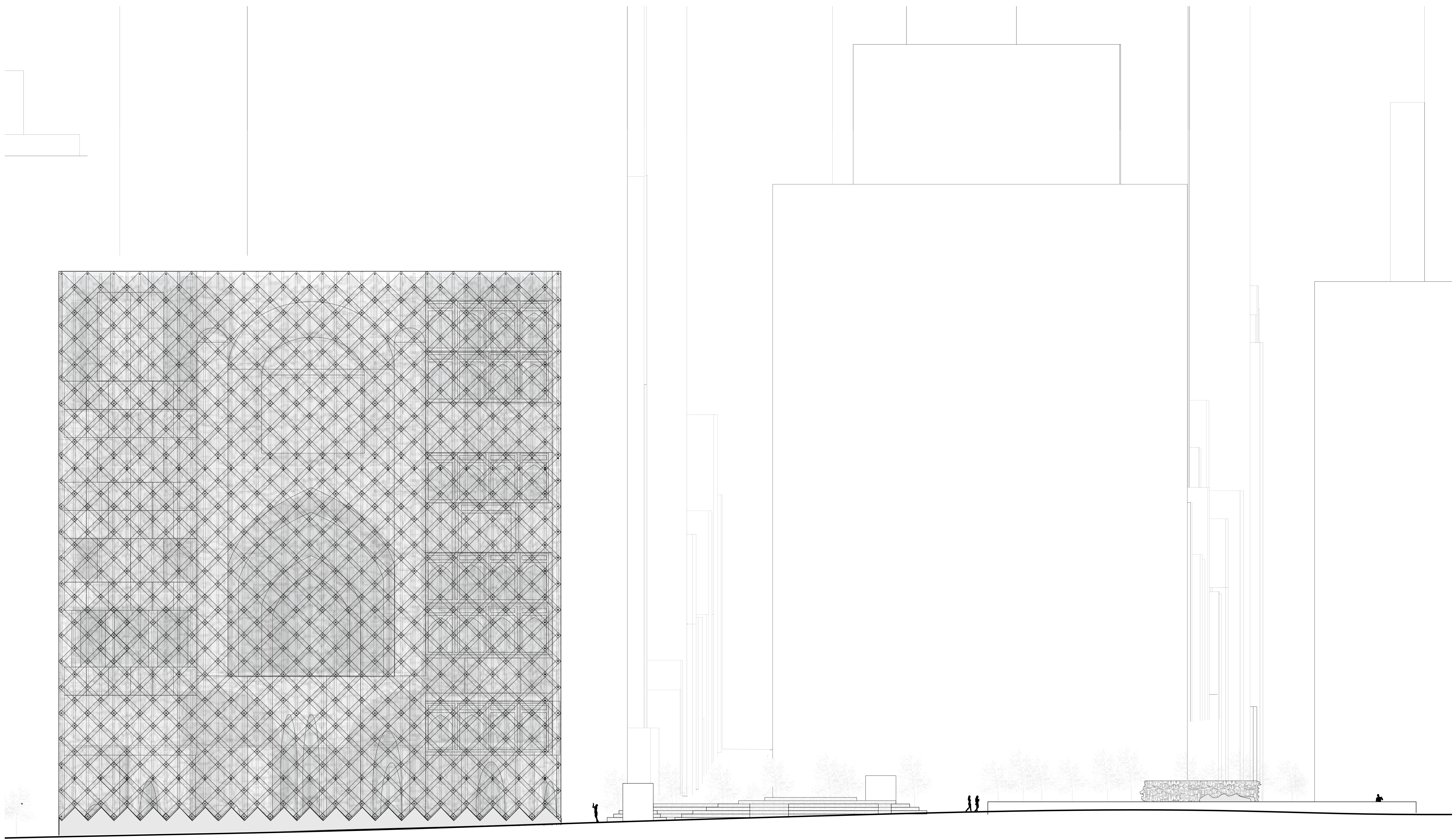
- grass & soil
- 3D printed sand planter benches
- filter fabric & moisture retention layer
- 0mm insulation
- rainage layer
- root barrier
- membrane protection
- waterproof membrane
- 50mm concrete topping, polished
- metal decking
- 1m steel truss
- 300mm W-flange steel beam
- load transfer bracket and hanging wire
- compass trim with bolts
- D printed ceiling
- D printed wall
- 1.5m concrete wall
- L-shape bracket with bolts
- slabers
- Net mortar bed
- 3ravel
- Existing Soil
- Sill plate with bolts



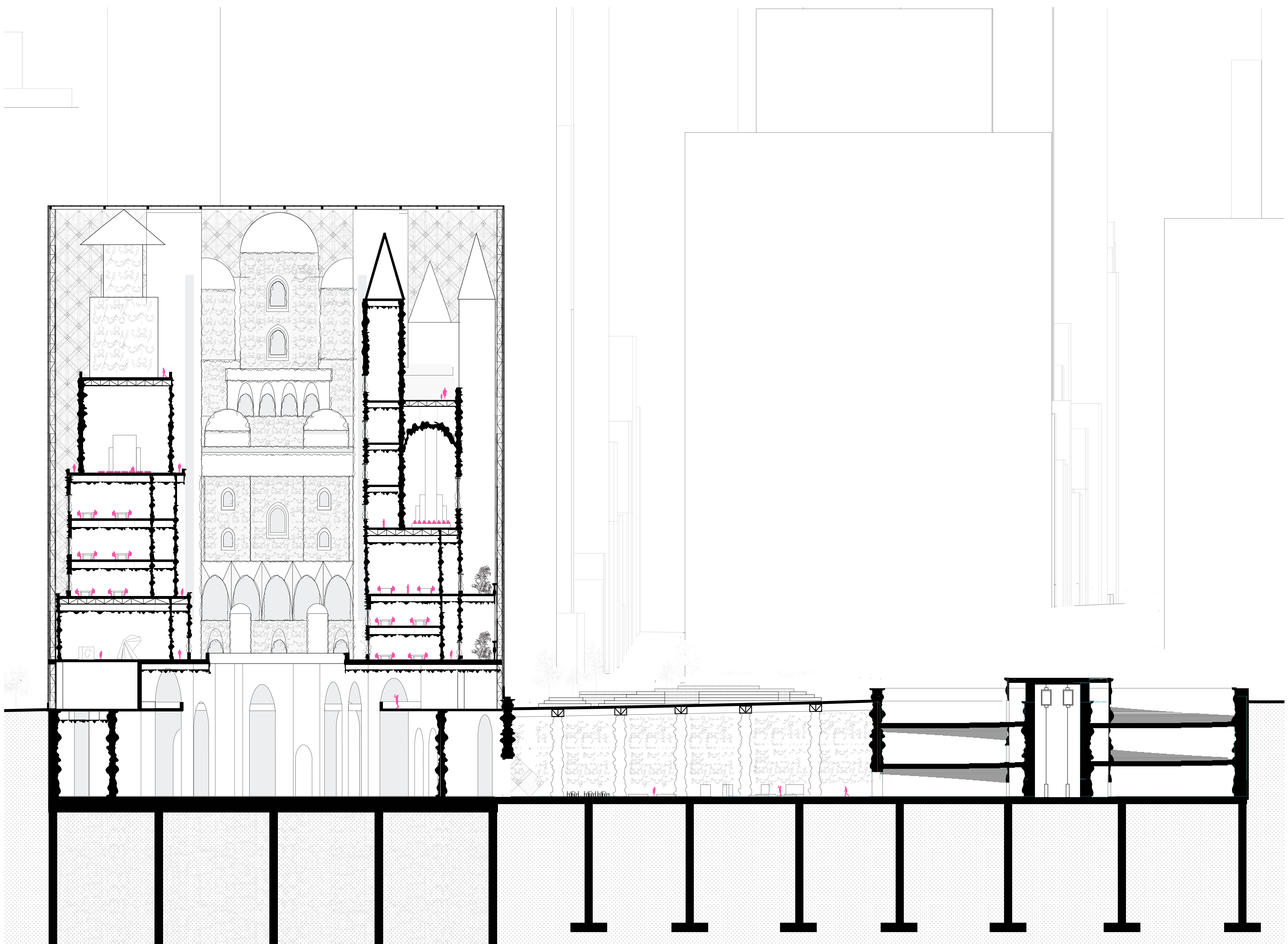
First Floor Plan



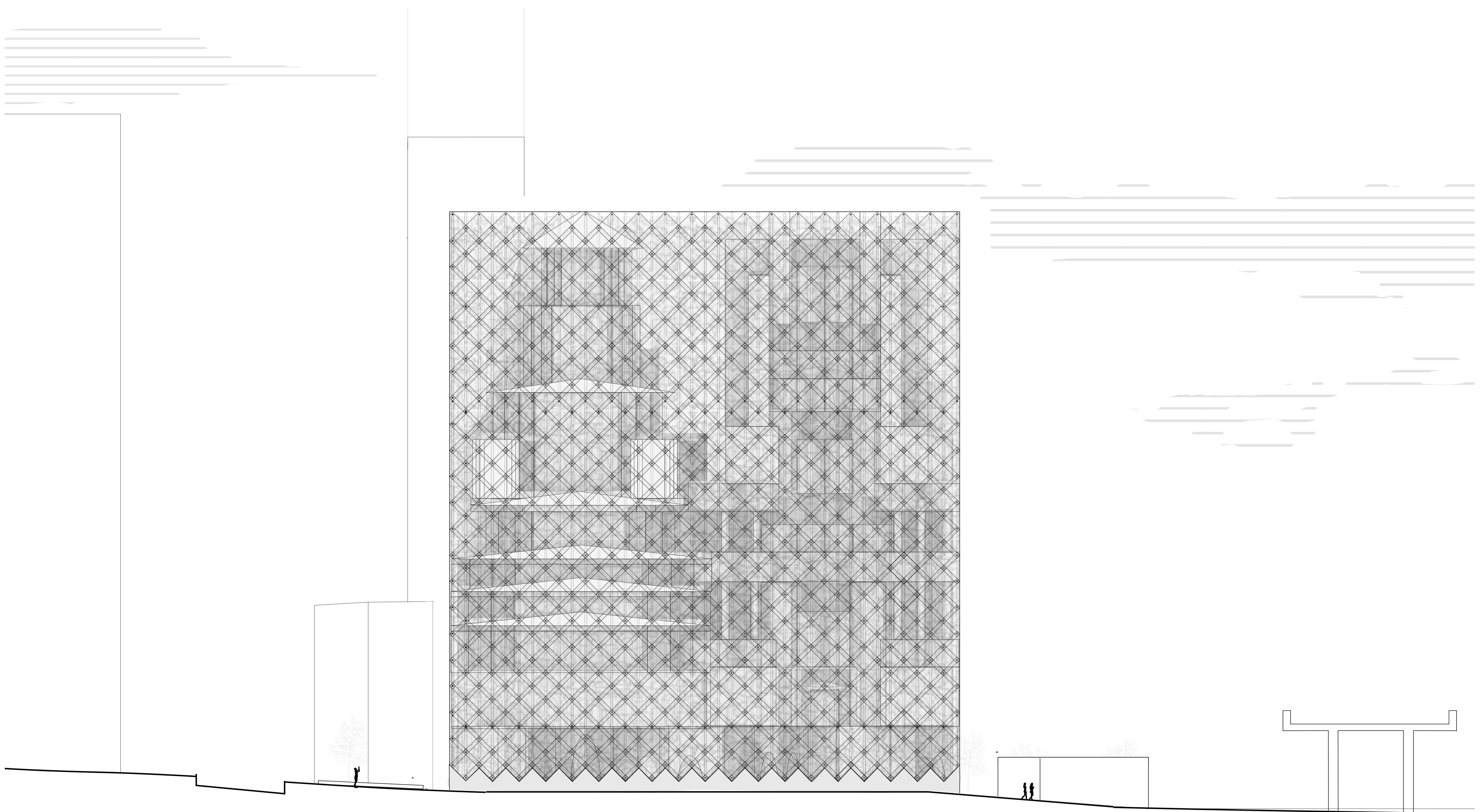
Basement Floor Plan



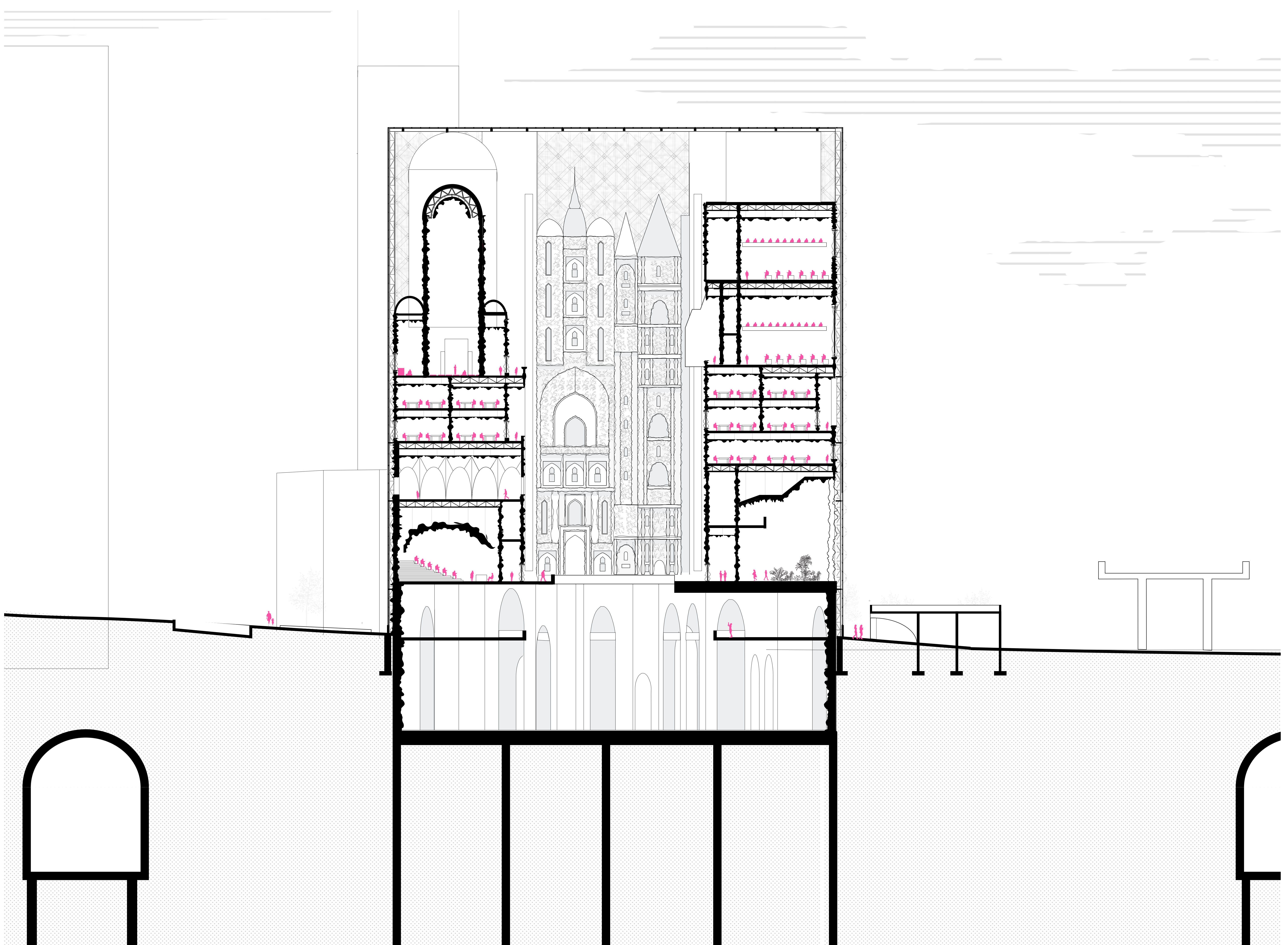
East Elevation



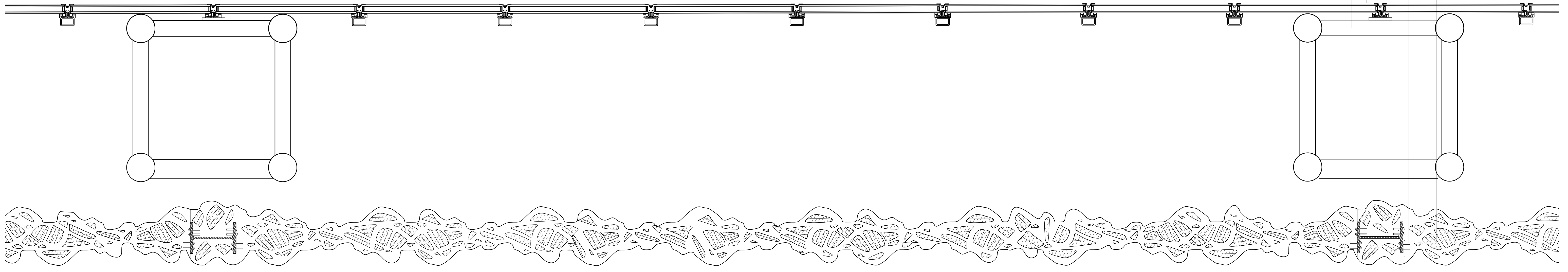
East Elevation



South Elevation

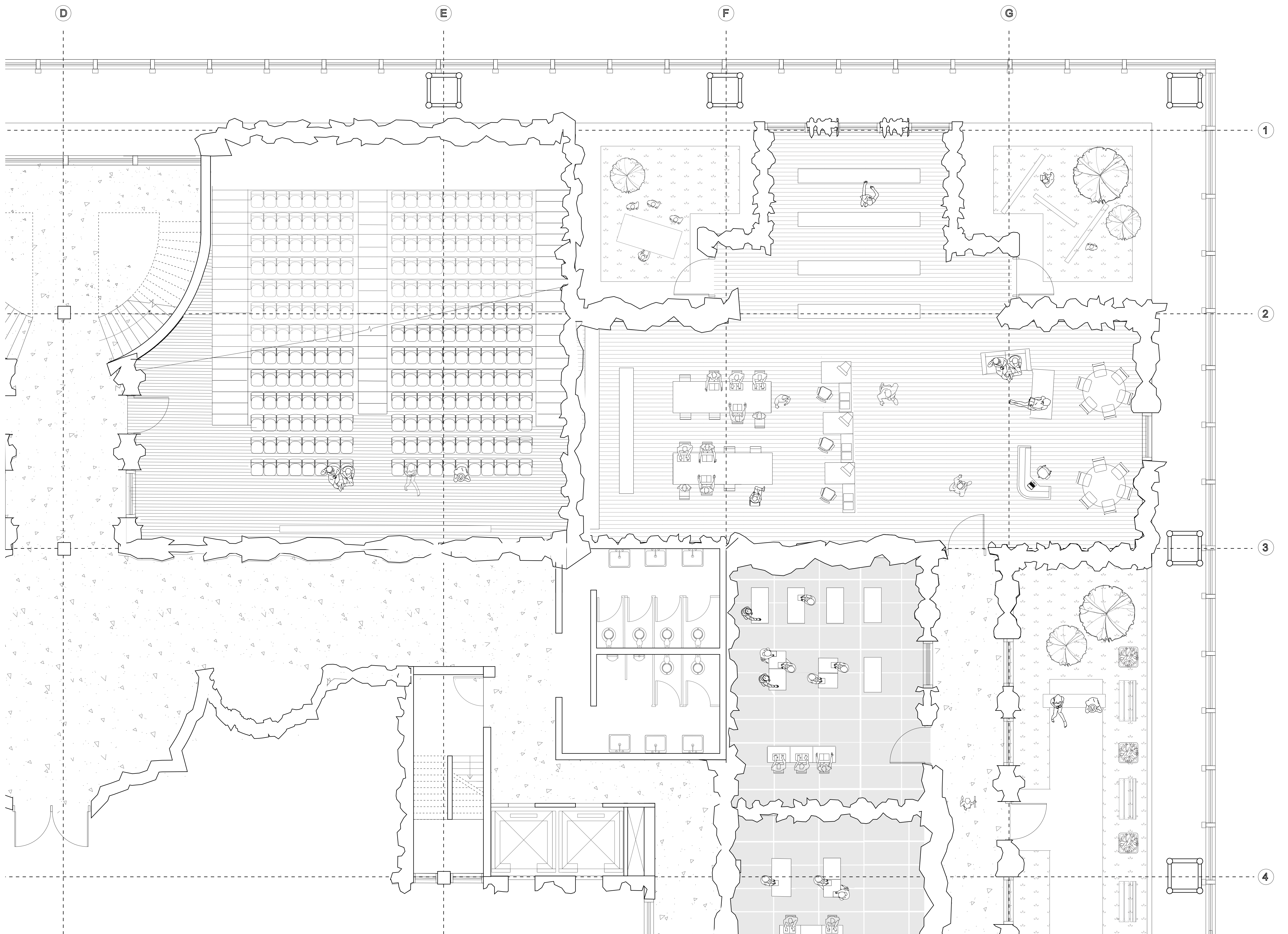


South Elevation

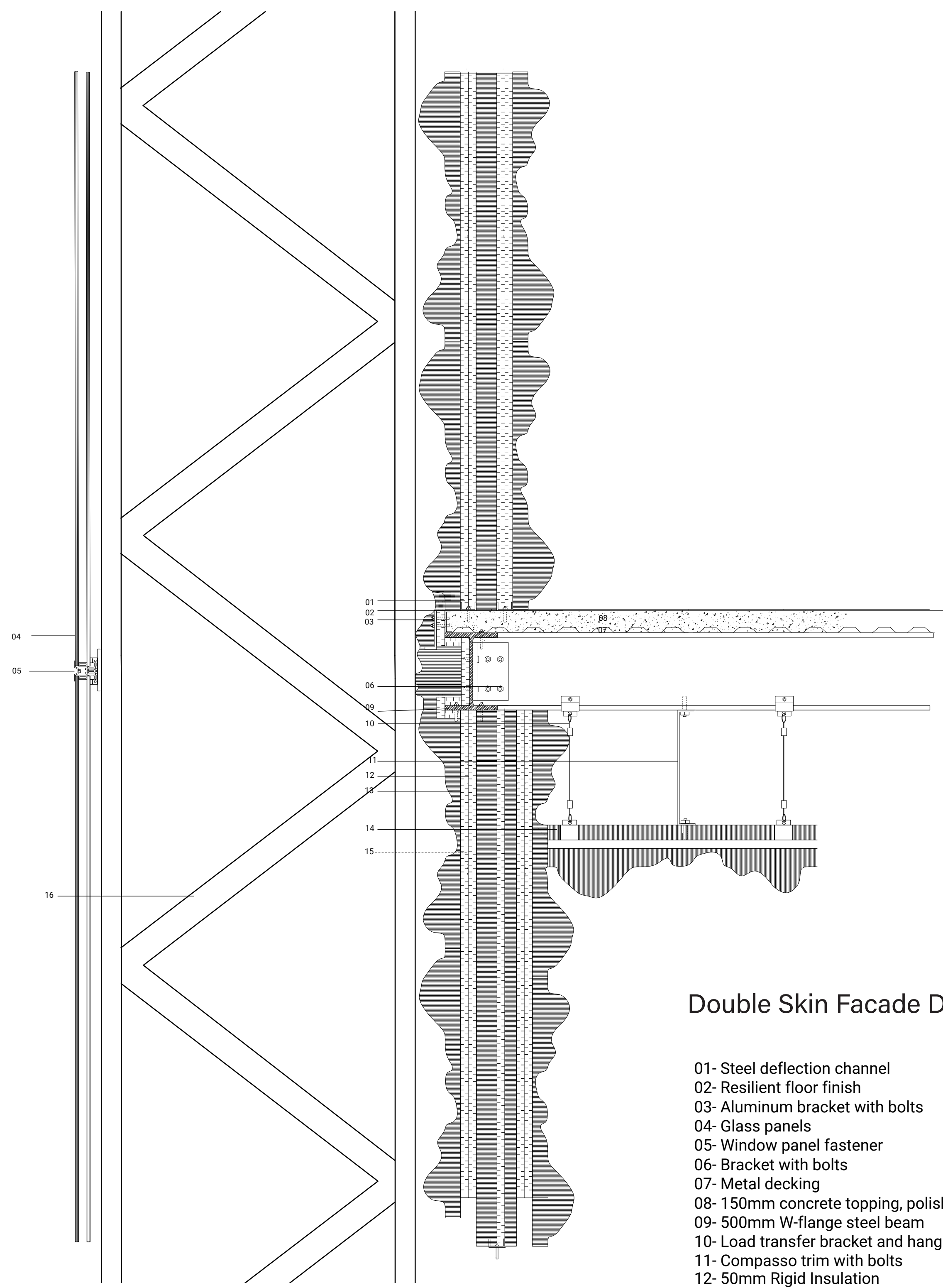


Tower Facade Fragment (Plan)

- 01- 3D printed wall
- 02- Rigid Insulation
- 03- Anchor bolts
- 04- 500mm W-flange steel beam
- 05- Window panel fastener
- 06- Glass panel
- 07- 2m steel truss column

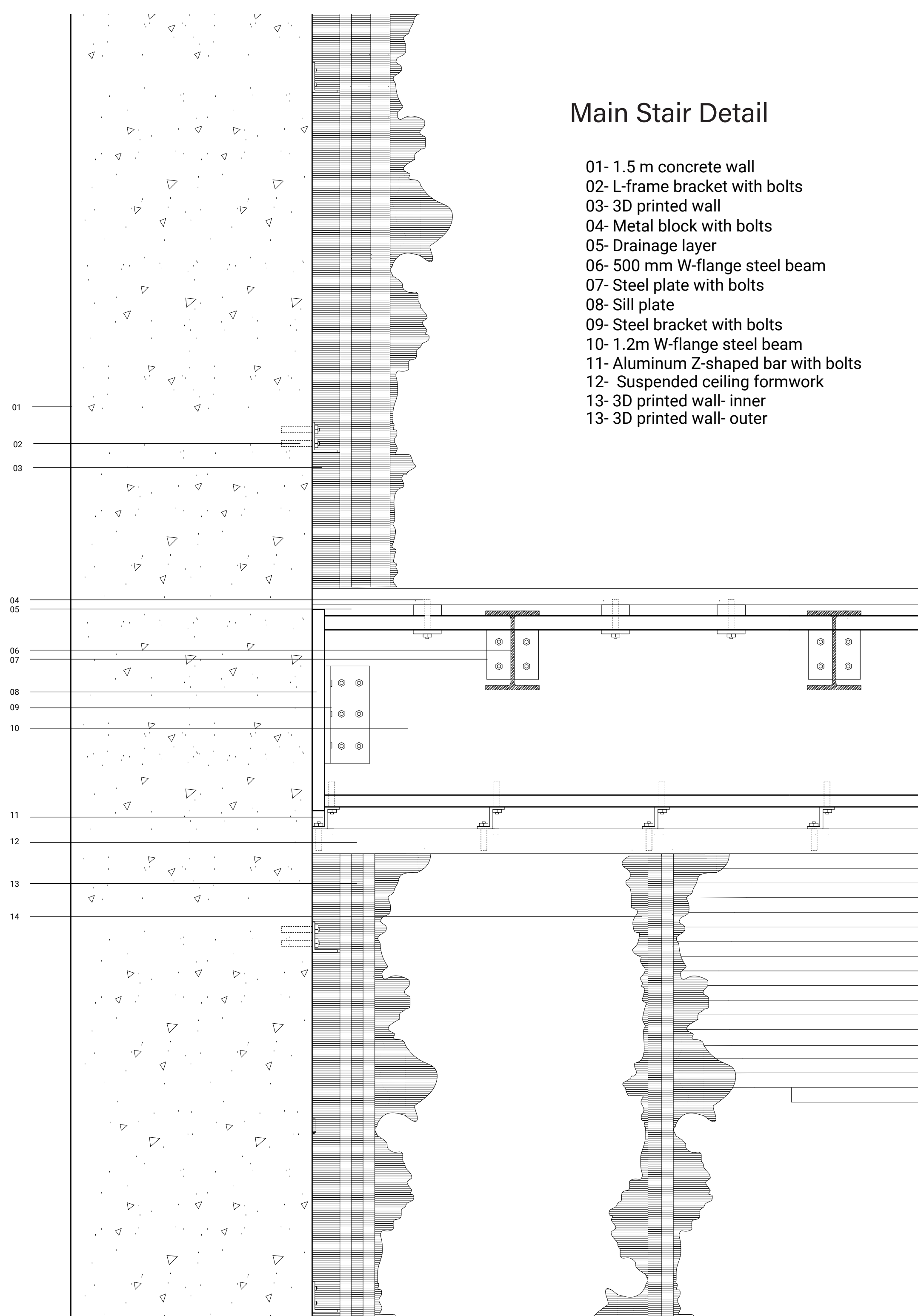


First Floor Fragment Plan



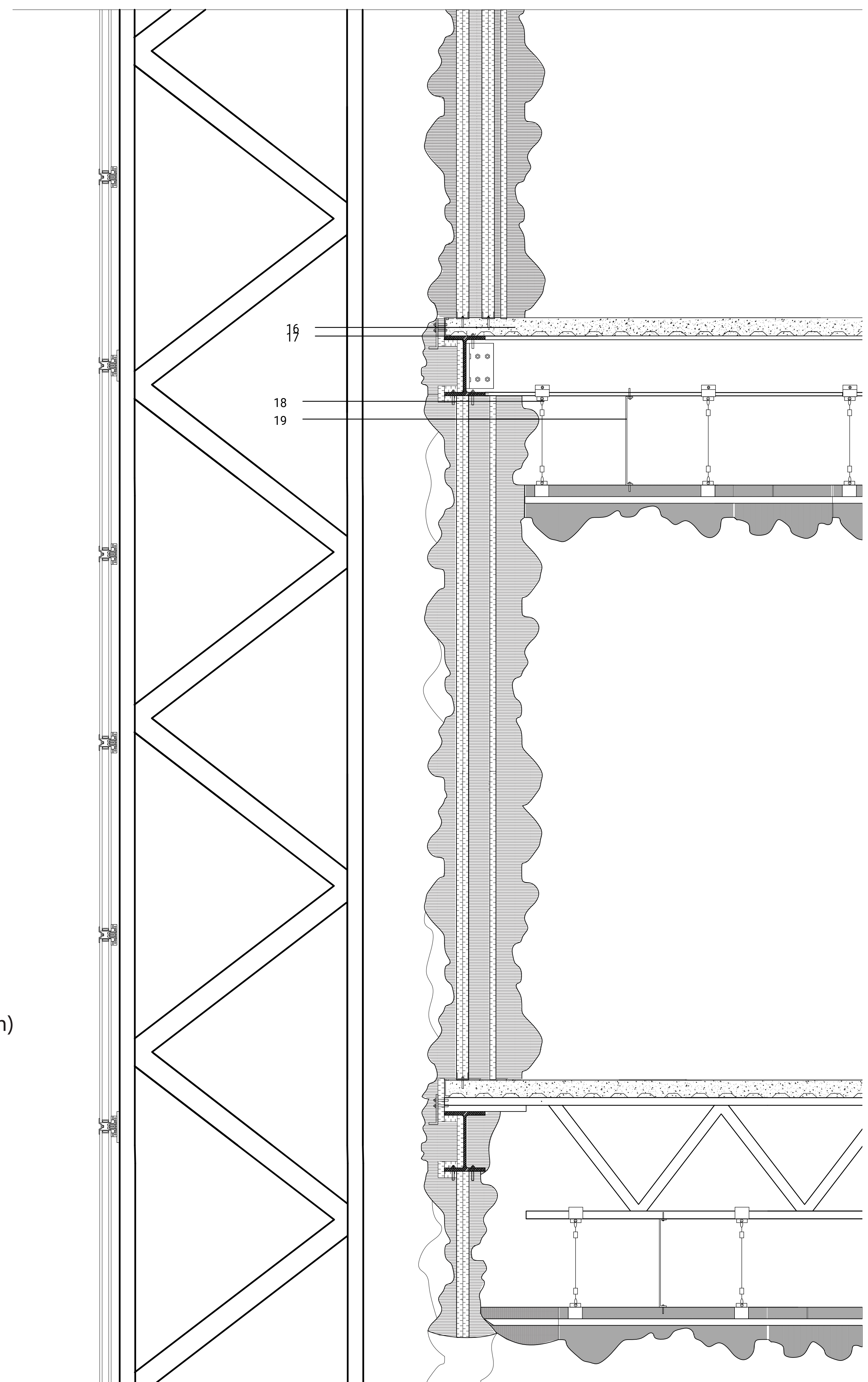
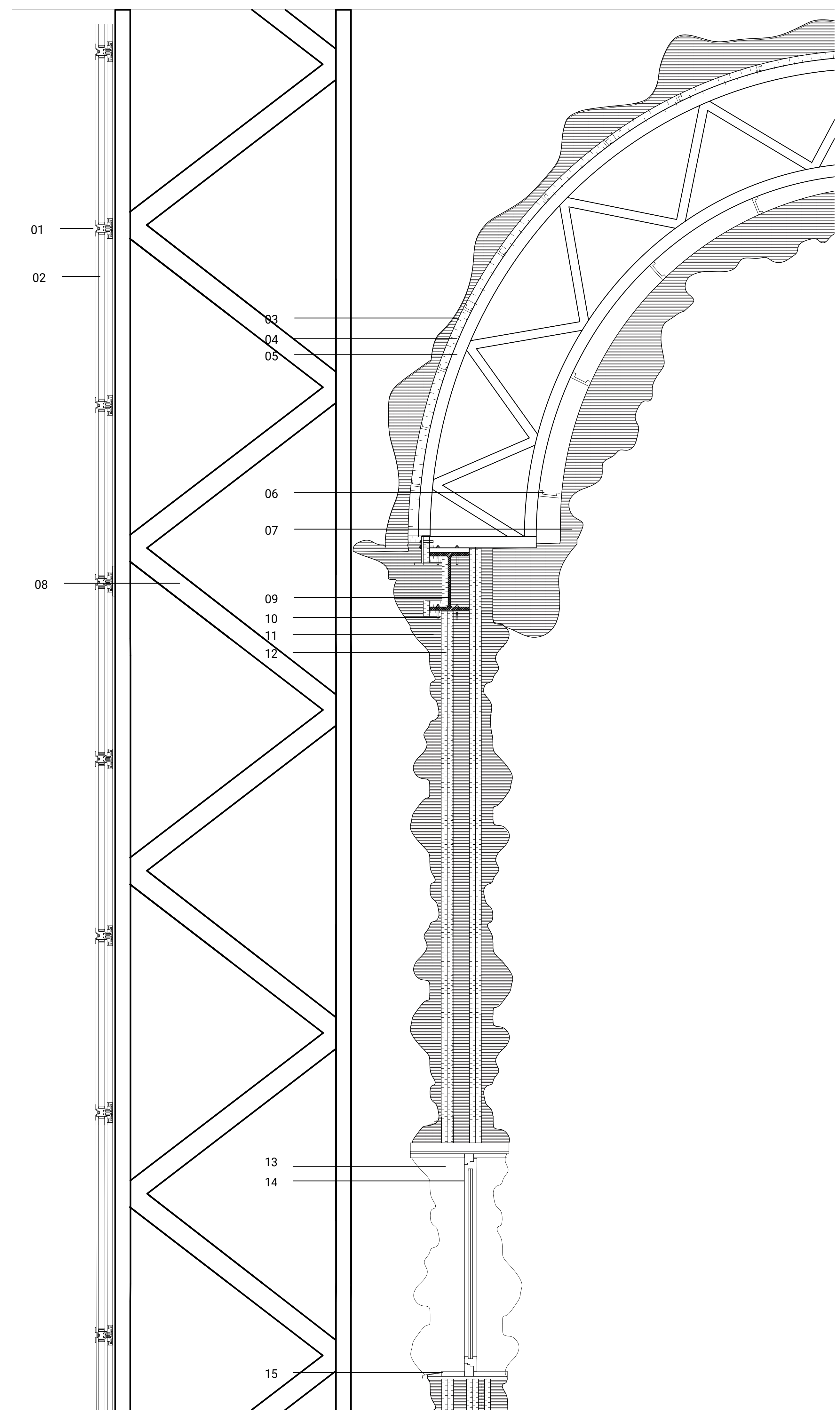
Double Skin Facade Detail

- 01- Steel deflection channel
- 02- Resilient floor finish
- 03- Aluminum bracket with bolts
- 04- Glass panels
- 05- Window panel fastener
- 06- Bracket with bolts
- 07- Metal decking
- 08- 150mm concrete topping, polished
- 09- 500mm W-flange steel beam
- 10- Load transfer bracket and hanging wire
- 11- Compasso trim with bolts
- 12- 50mm Rigid Insulation
- 13- 3D printed soil wall
- 14- 3D printed ceiling
- 15- Light gauge steel framing
- 16- 2m steel truss column



Main Stair Detail

- 01- 1.5 m concrete wall
- 02- L-frame bracket with bolts
- 03- 3D printed wall
- 04- Metal block with bolts
- 05- Drainage layer
- 06- 500 mm W-flange steel beam
- 07- Steel plate with bolts
- 08- Sill plate
- 09- Steel bracket with bolts
- 10- 1.2m W-flange steel beam
- 11- Aluminum Z-shaped bar with bolts
- 12- Suspended ceiling formwork
- 13- 3D printed wall- inner
- 14- 3D printed wall- outer



Tower Facade Fragment 1:20 (Section)

- 01- Glass panels
- 02- Window panel fastener
- 03- 3D printed roof cladding
- 04- 50mm rigid insulation
- 05- 1m steel truss
- 06- Steel c-shaped bracket
- 07- 3D printed ceiling
- 08- Steel bracket with bolts
- 09- 500 mm W-flange steel beam
- 10- Anchor bolts
- 11- 3D printed wall
- 12- 50mm rigid insulation
- 13- Window frame and sealant
- 14- window - glass panels
- 15- Steel window sill
- 16- 150mm concrete topping, polished
- 17- Metal decking
- 18- Load transfer bracket and hanging wire
- 19- Compasso trim with bolts