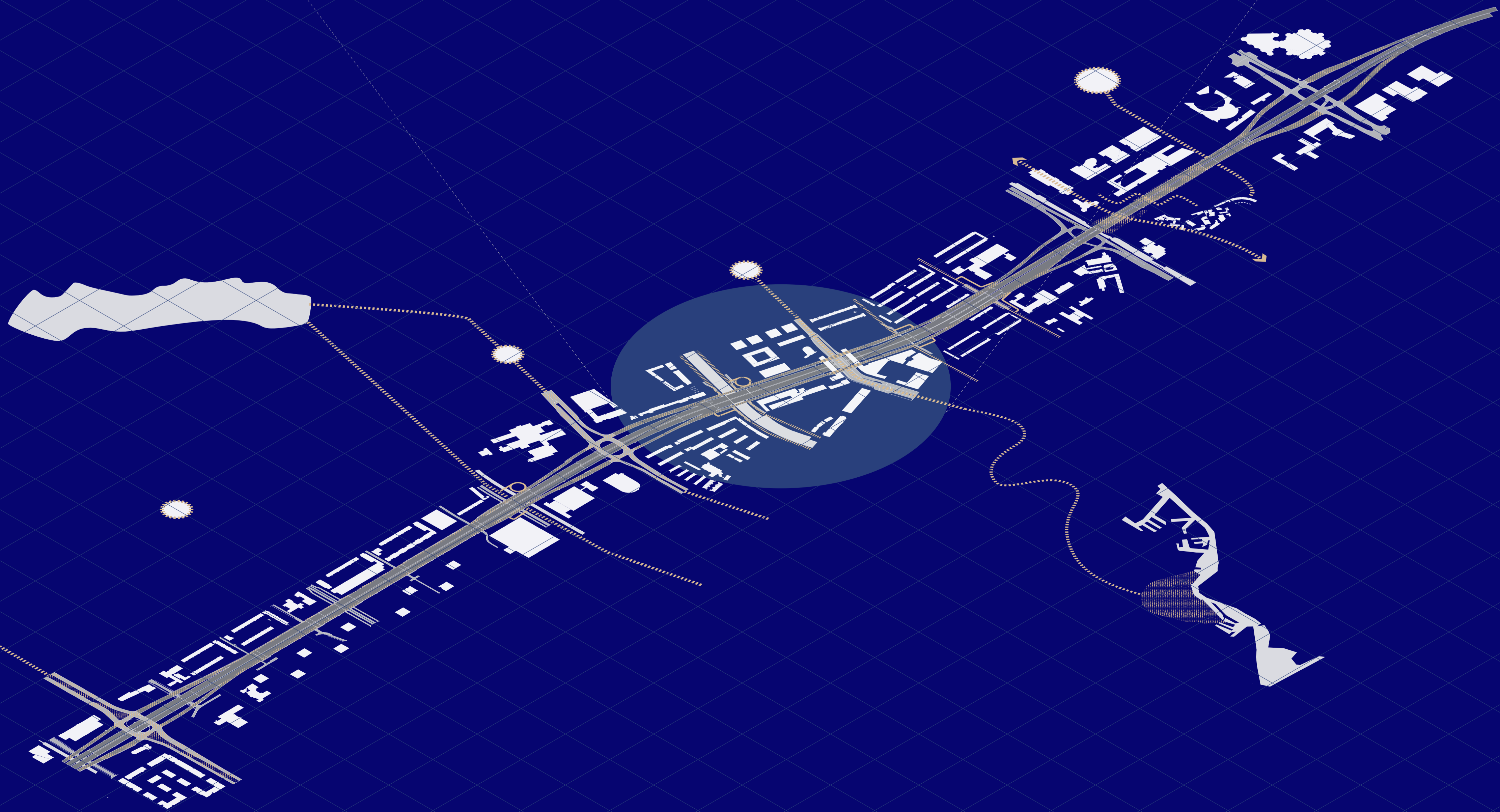
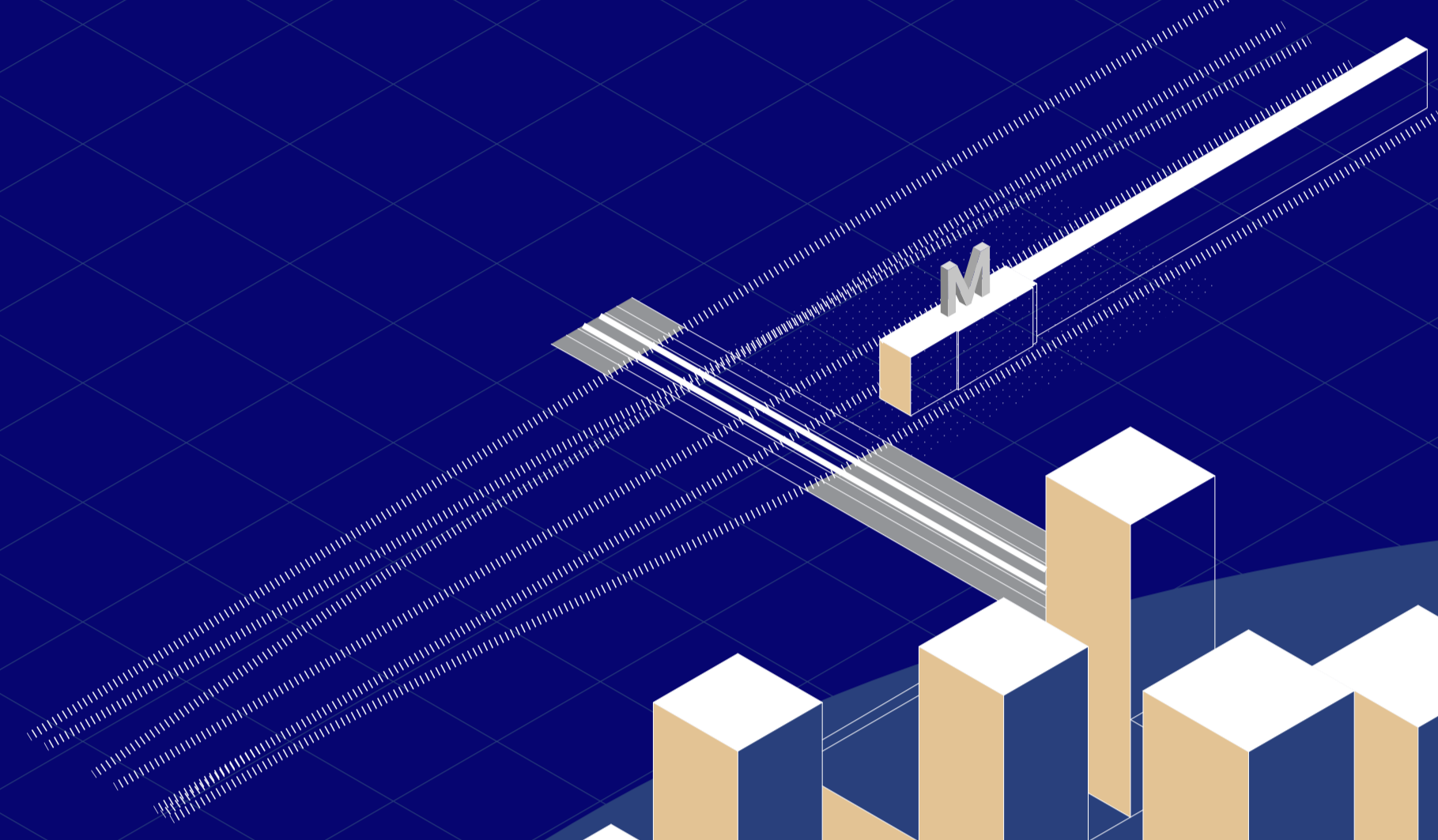
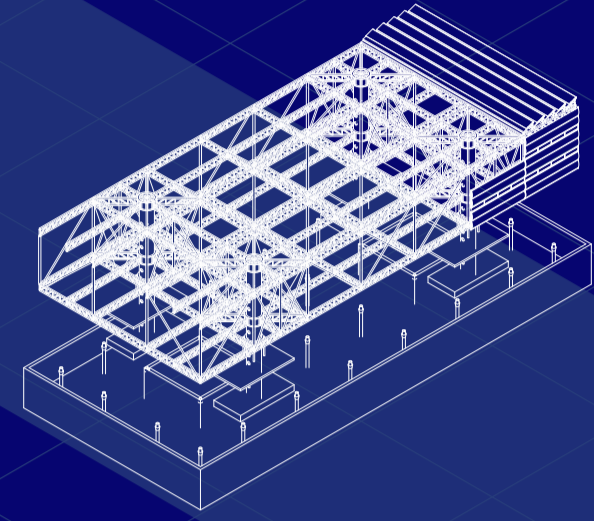
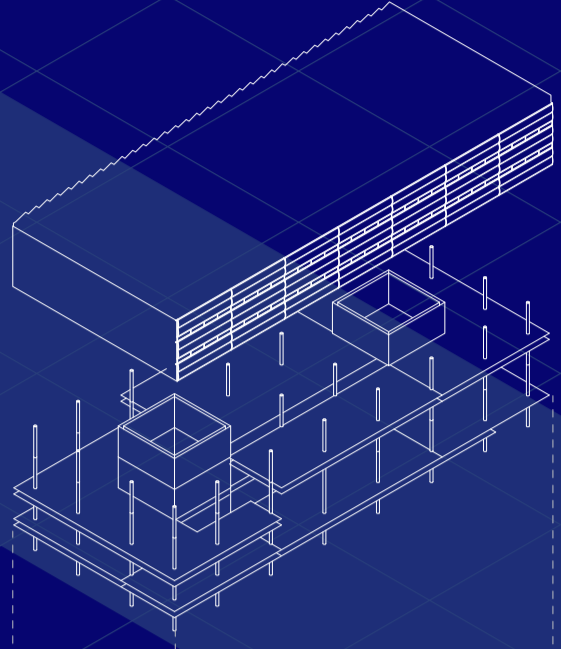
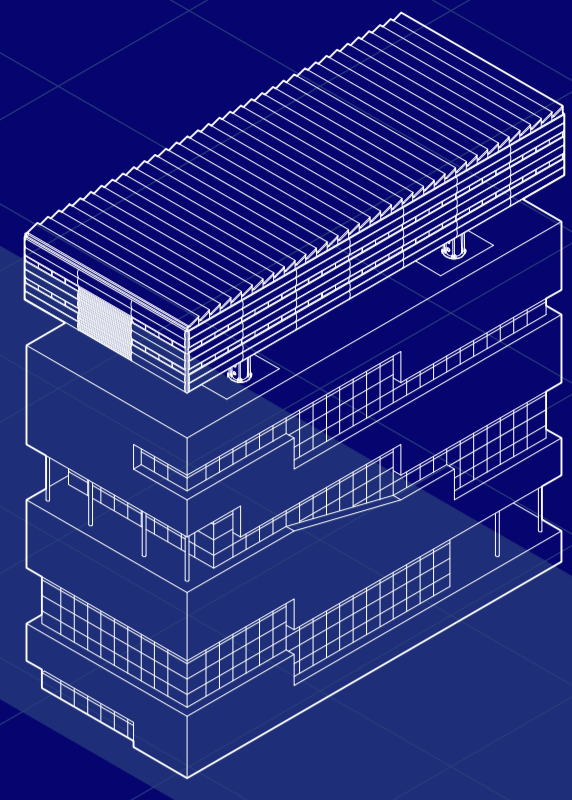
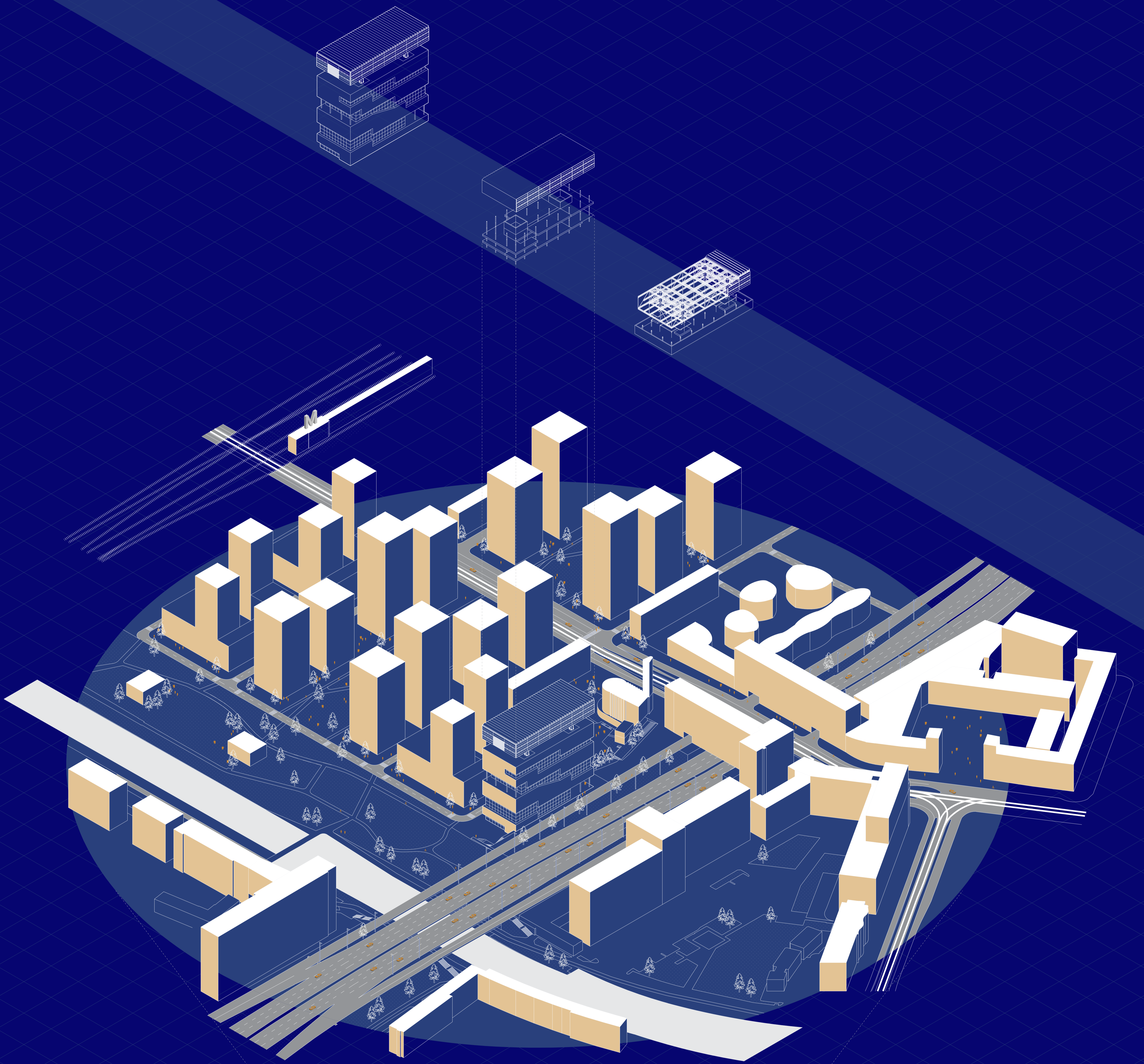


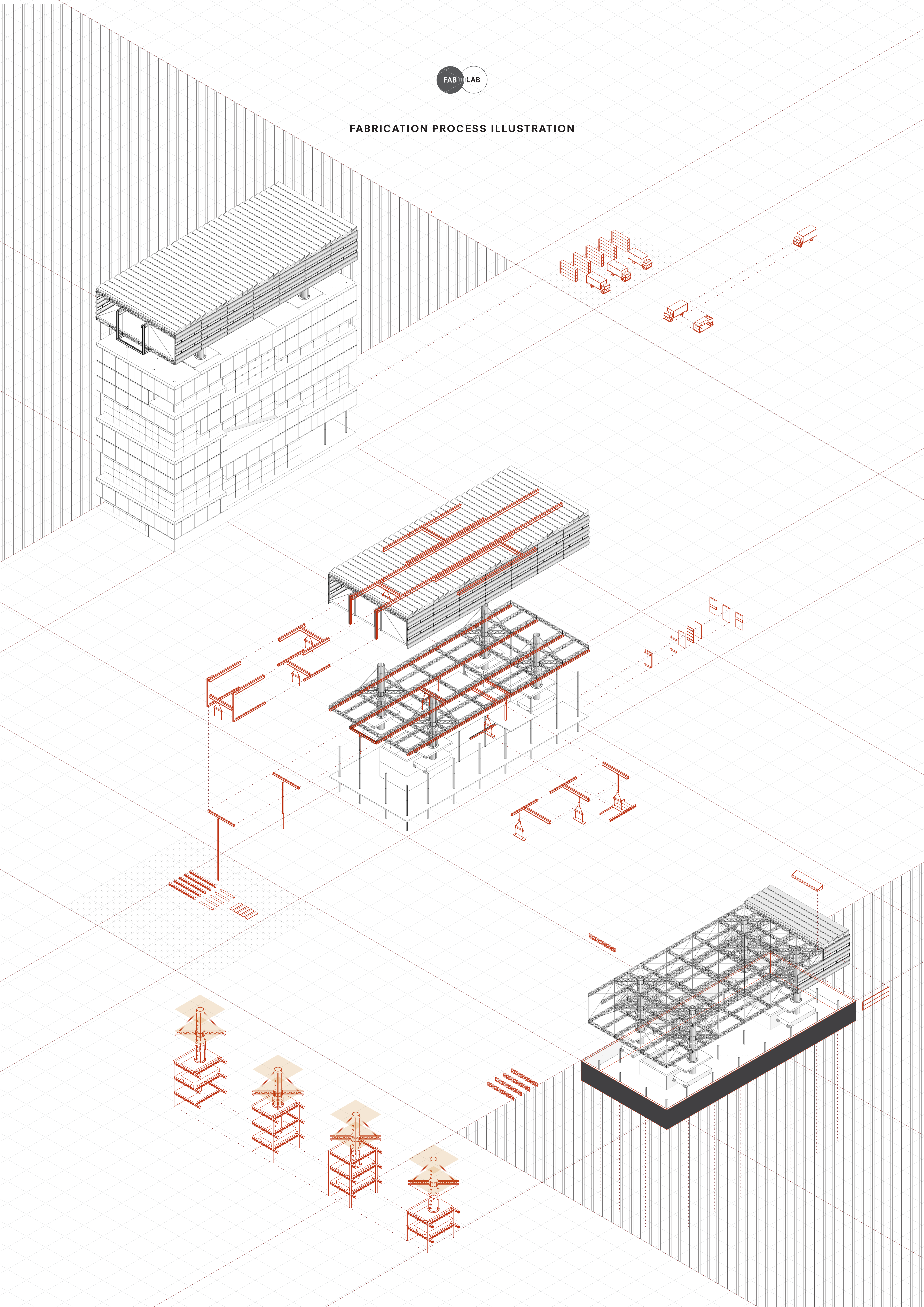
RING ROAD VISION - DOWNGRADING AND INTERVENTION ALONG A10 WEST AXIS

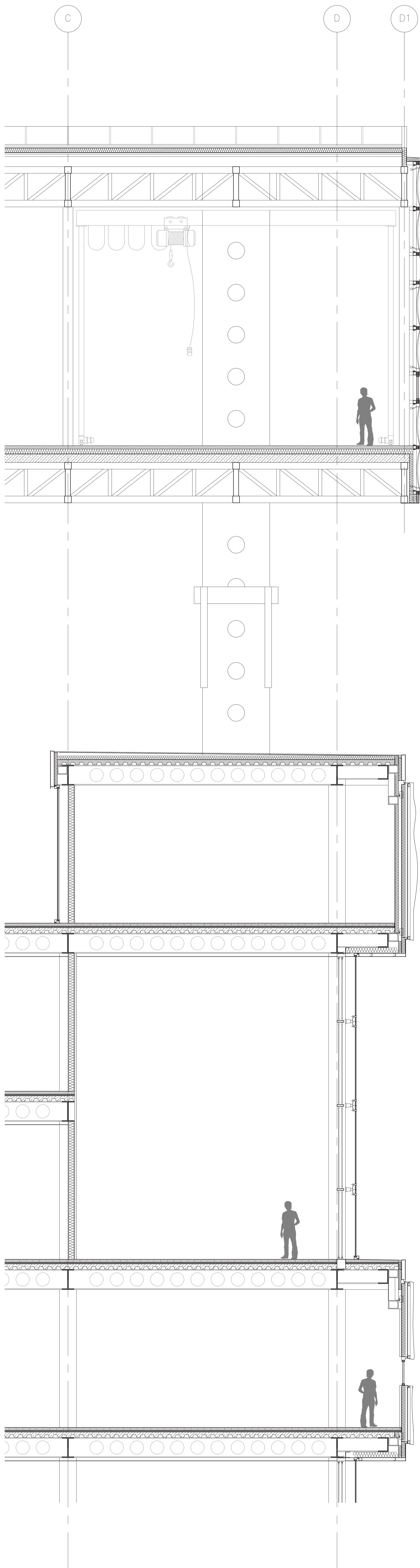


LOCATION PLAN 1:2000



FABRICATION PROCESS ILLUSTRATION





double roof with solar
panes, clerestory windows
for daylight and ventilation,
and gutter system for rain-
water collection
ROOF +72.5

lightweight facade with ETFE
cushion and intermediate
glass panel for maximum
daylight
PLATFORM +64.2

jacking tower with hydrau-
lic cylinder to jack up entire
platform, which rests on
beam of the bottom struc-
ture and supports platform
structure by connecting to
lattice trusses
11F +55.0

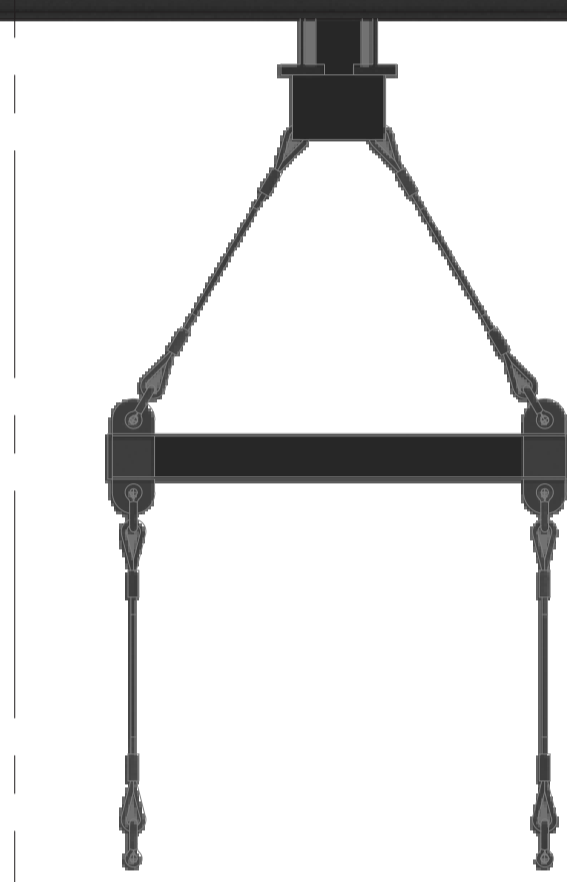
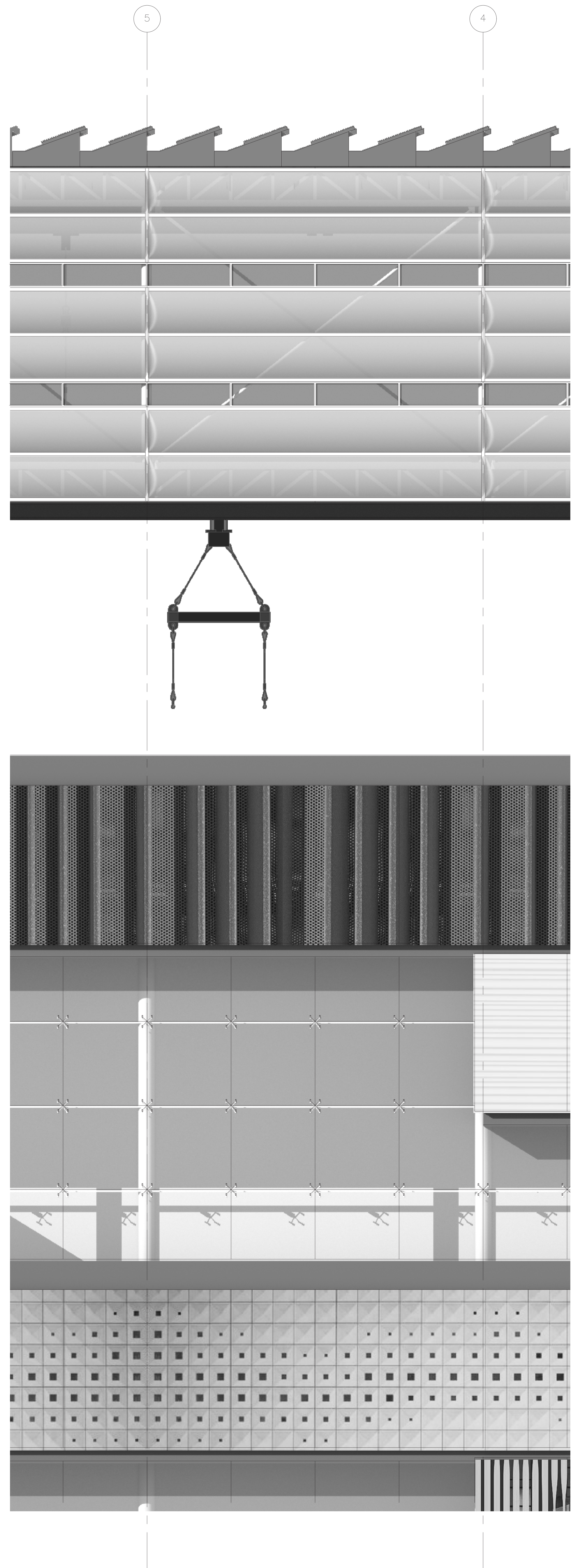
curtain wall facade with
standardized 5x2.5m alumi-
num backing and custom-
ized envelop layer, which
could be designed by tenant
and fabricated in the plat-
form
10F +50.0

hanged ceiling with integral
lighting device
9F +45.0

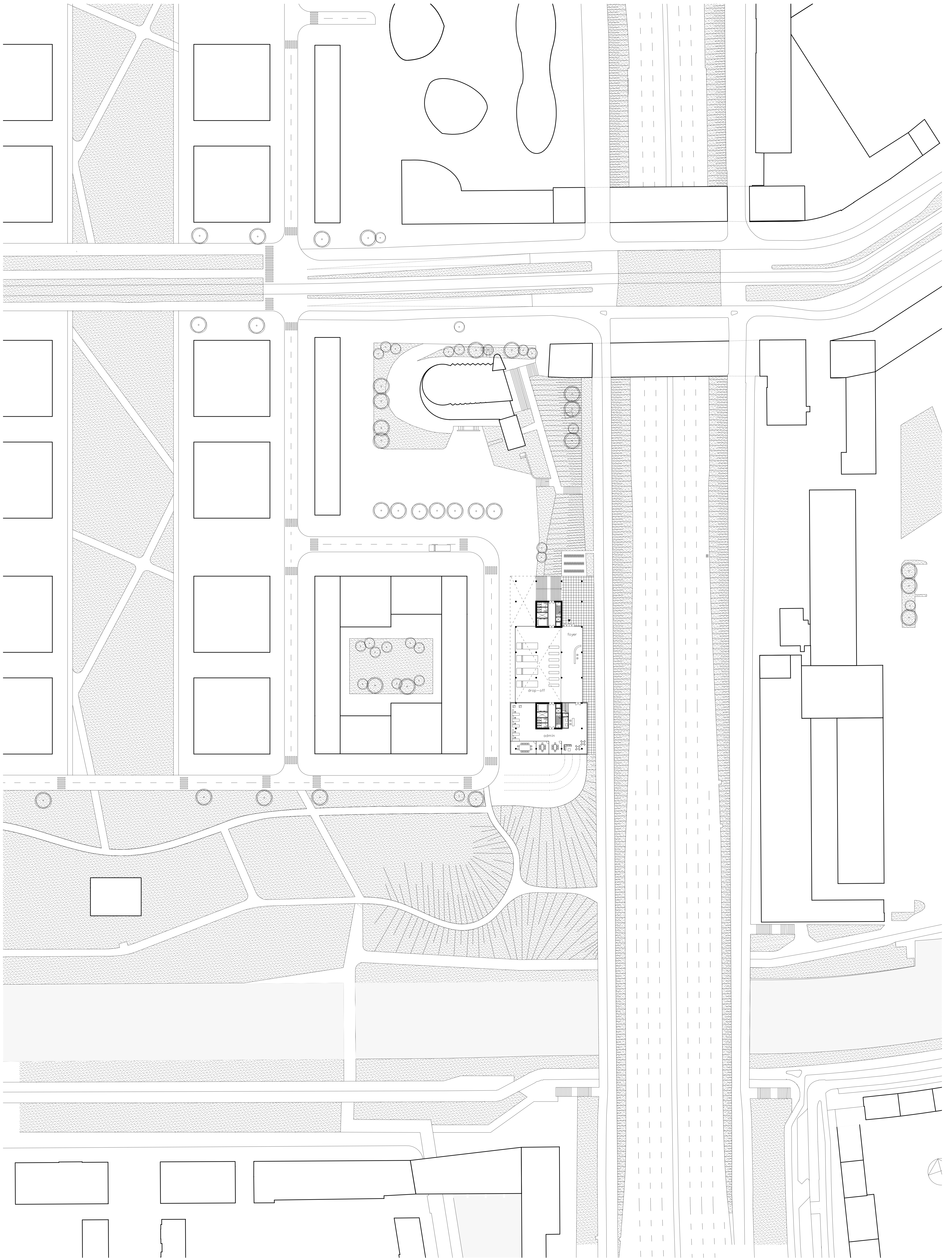
glass facade with point fixed
laminated glass panel
8F +40.0

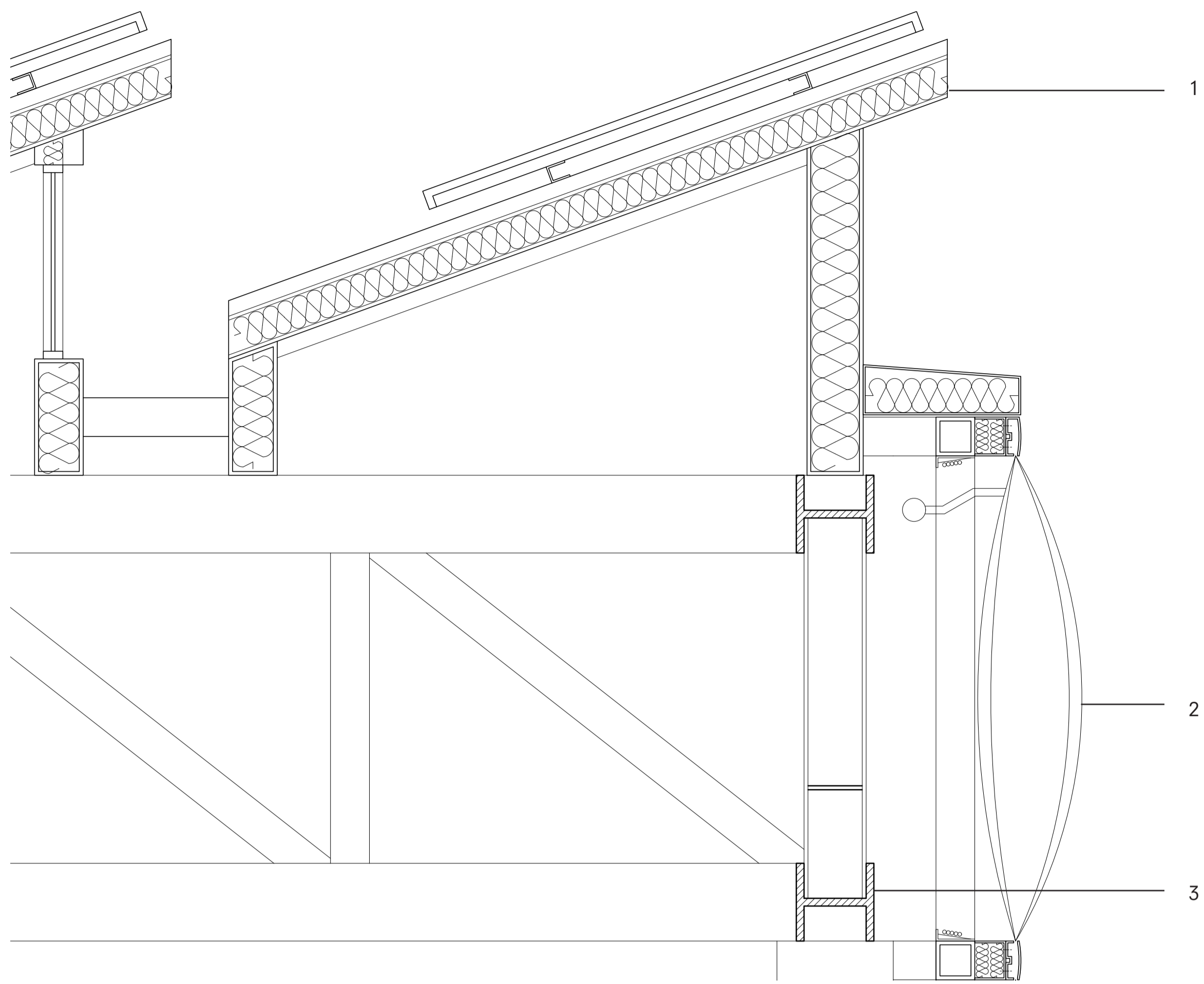
composite floor decking
with floor heating imbedded
in concrete screed
7F +35.0

FRAGMENT SECTION 1:50



FRAGMENT ELEVATION 1:50

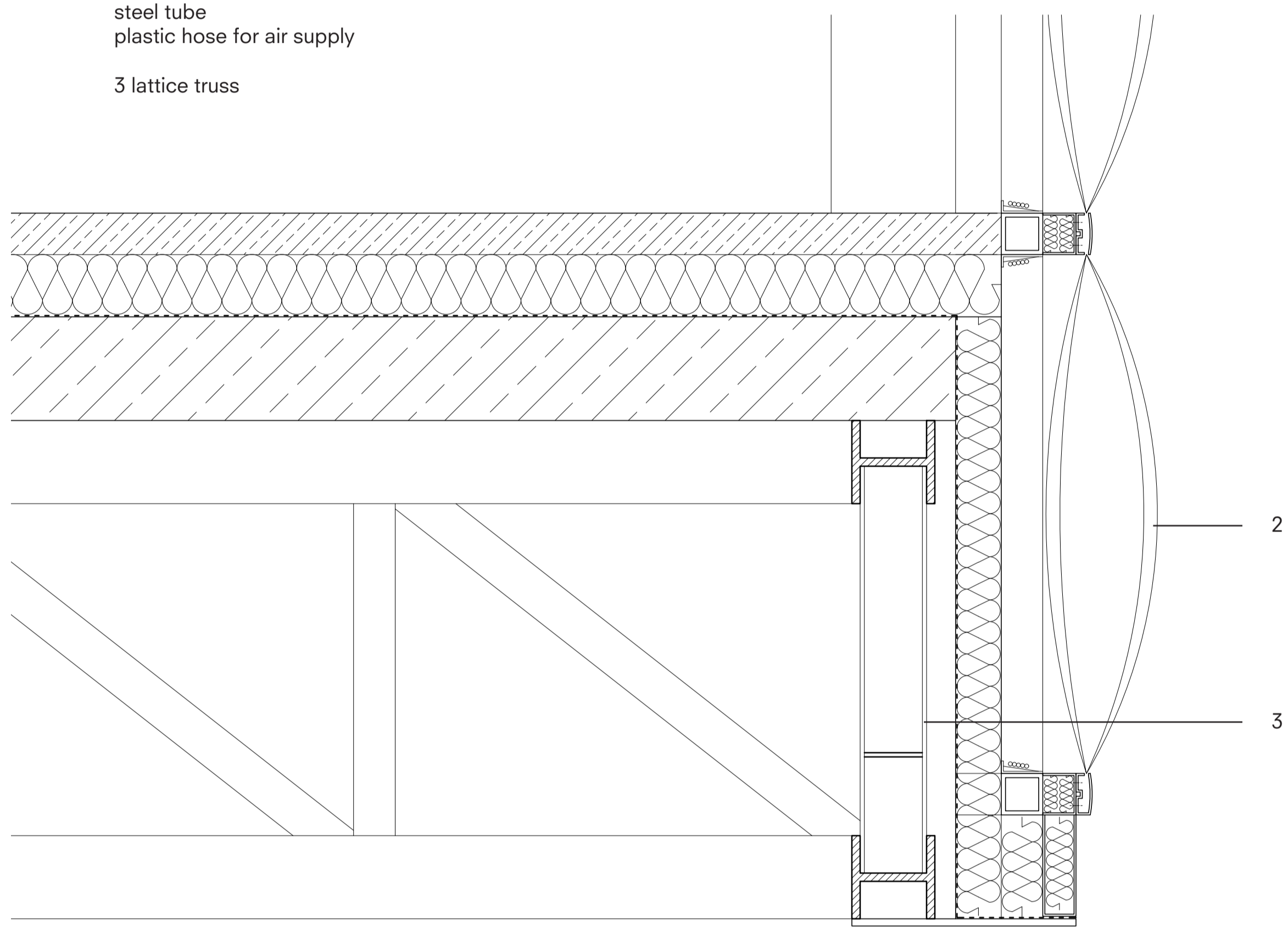




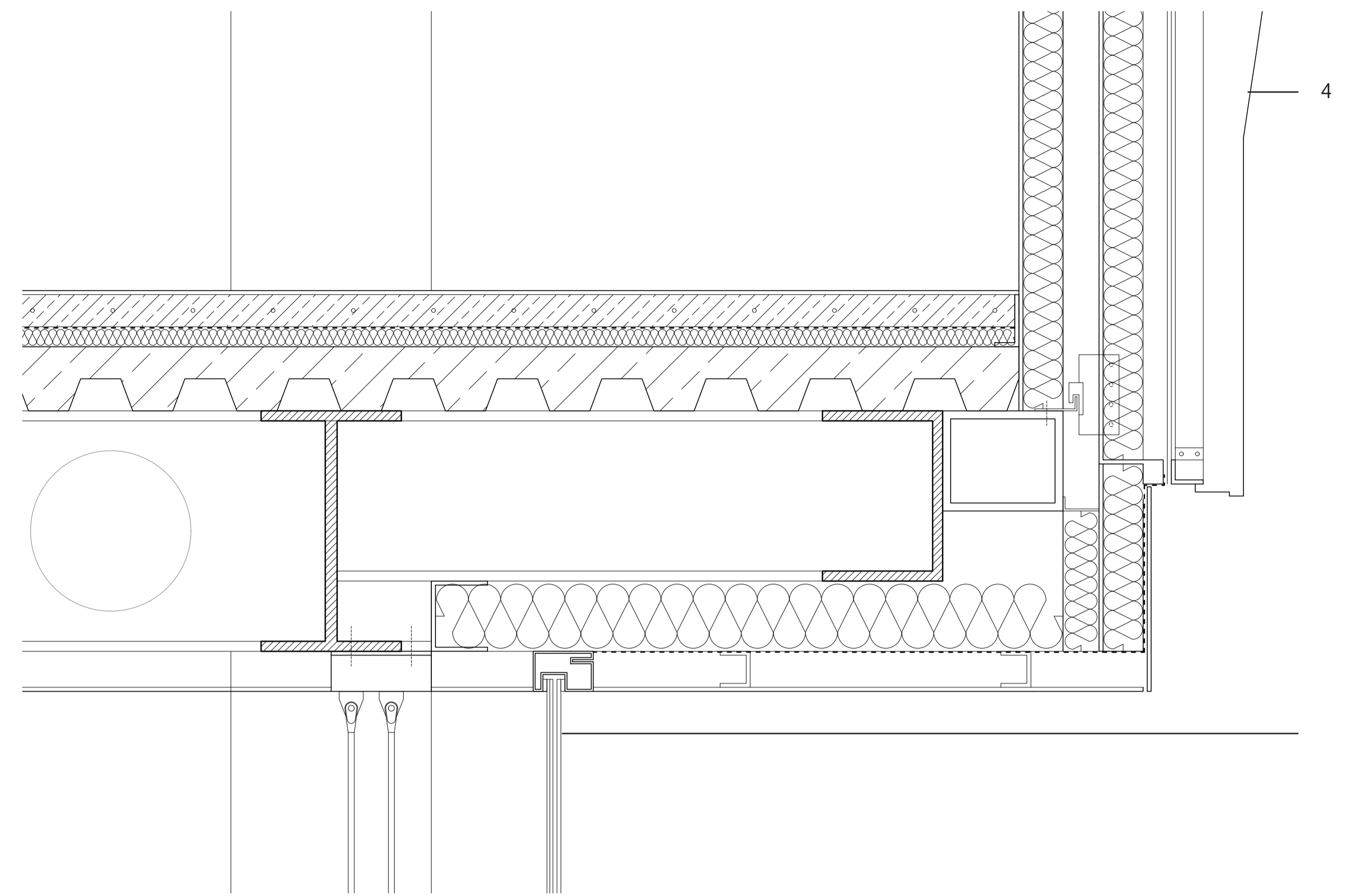
1 galvanized steel standing seam roofing
photovoltaic solar panels
gutter

2 ETFE sheeting cushion with quadruple
layer
steel mullion cap with concealed fasteners
steel tube
plastic hose for air supply

3 lattice truss



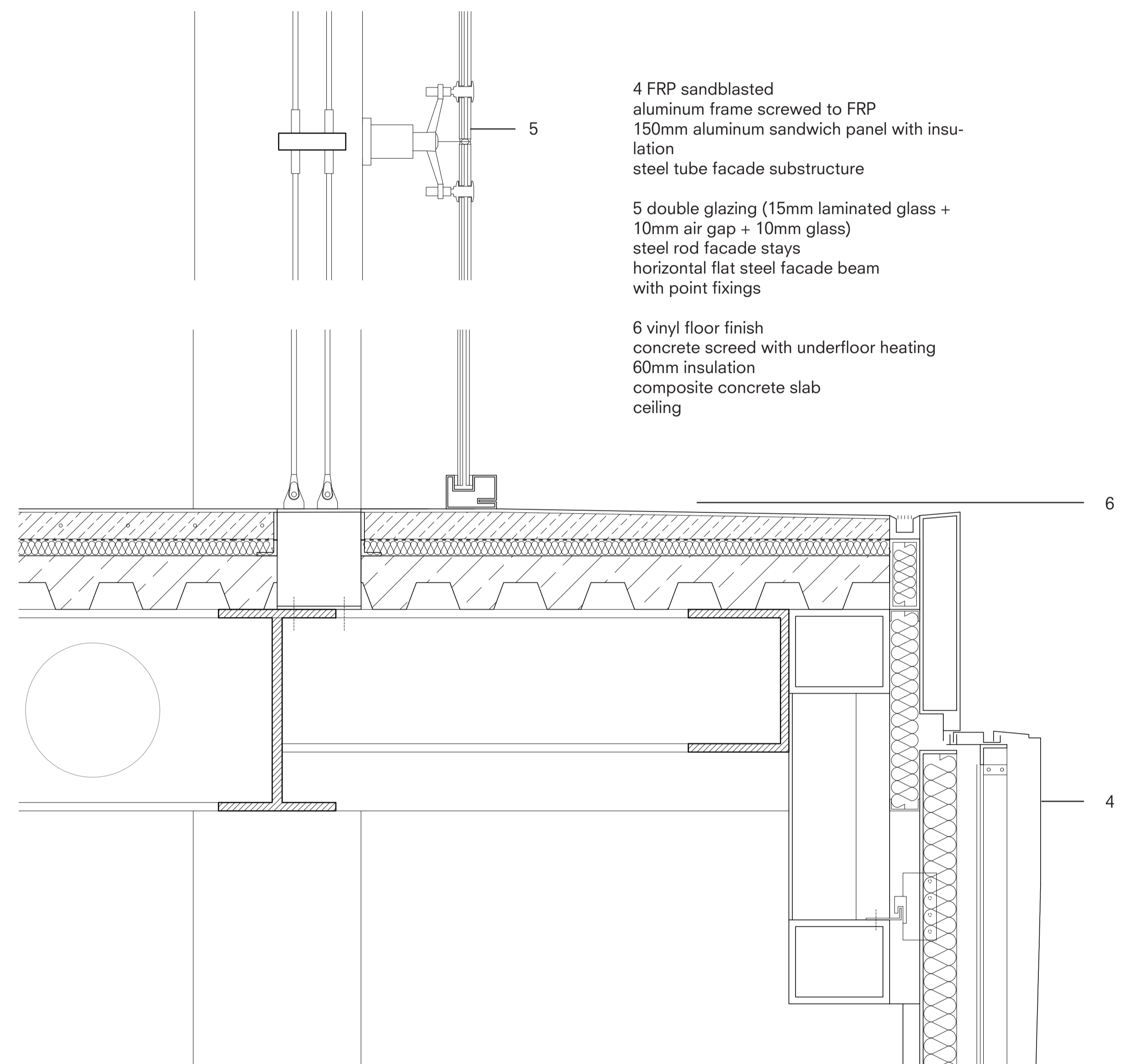
ETFE DETAIL 1:20



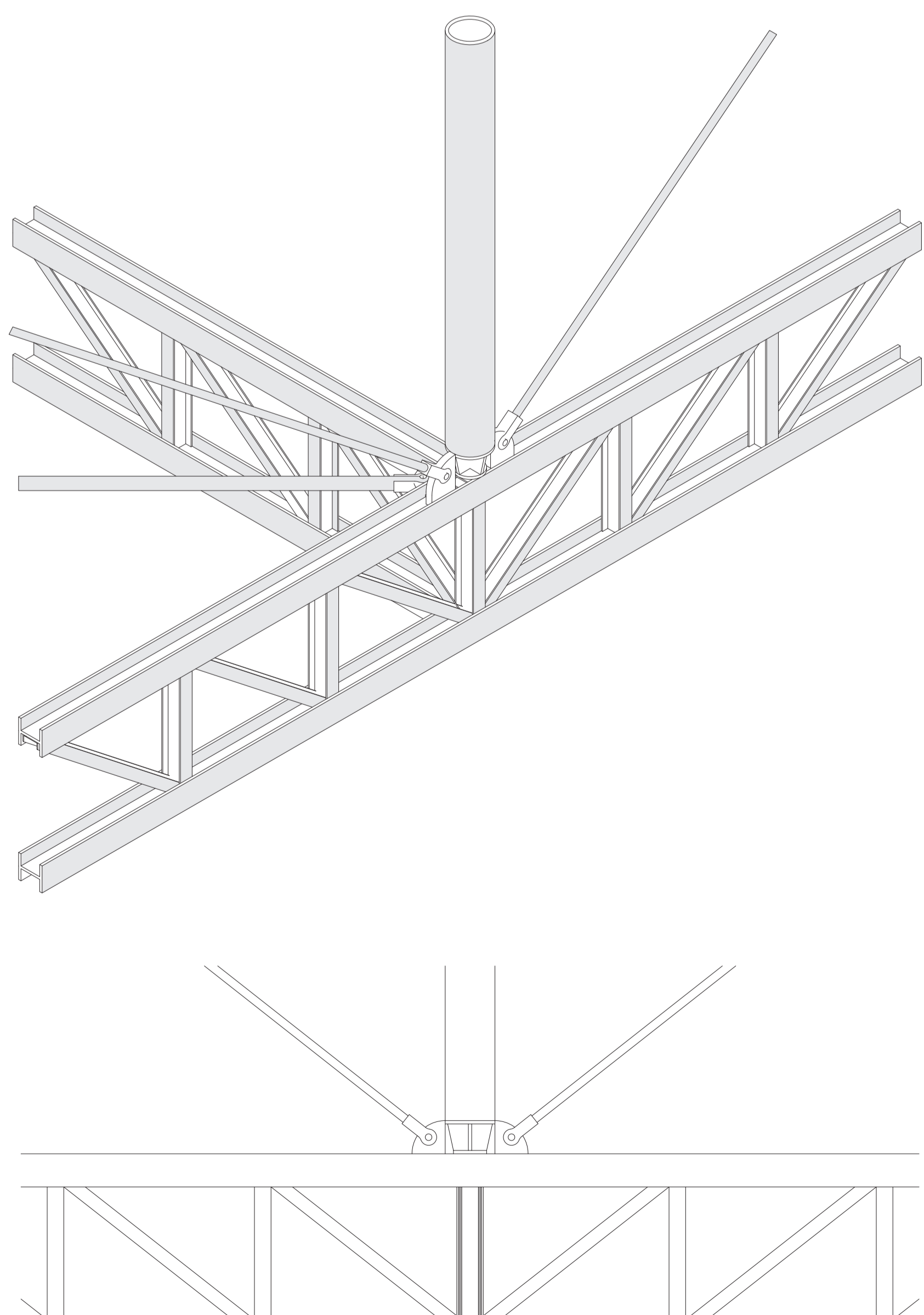
4 FRP sandblasted
aluminum frame screwed to FRP
150mm aluminum sandwich panel with insu-
lation
steel tube facade substructure

5 double glazing (15mm laminated glass +
10mm air gap + 10mm glass)
steel rod facade stays
horizontal flat steel facade beam
with point fixings

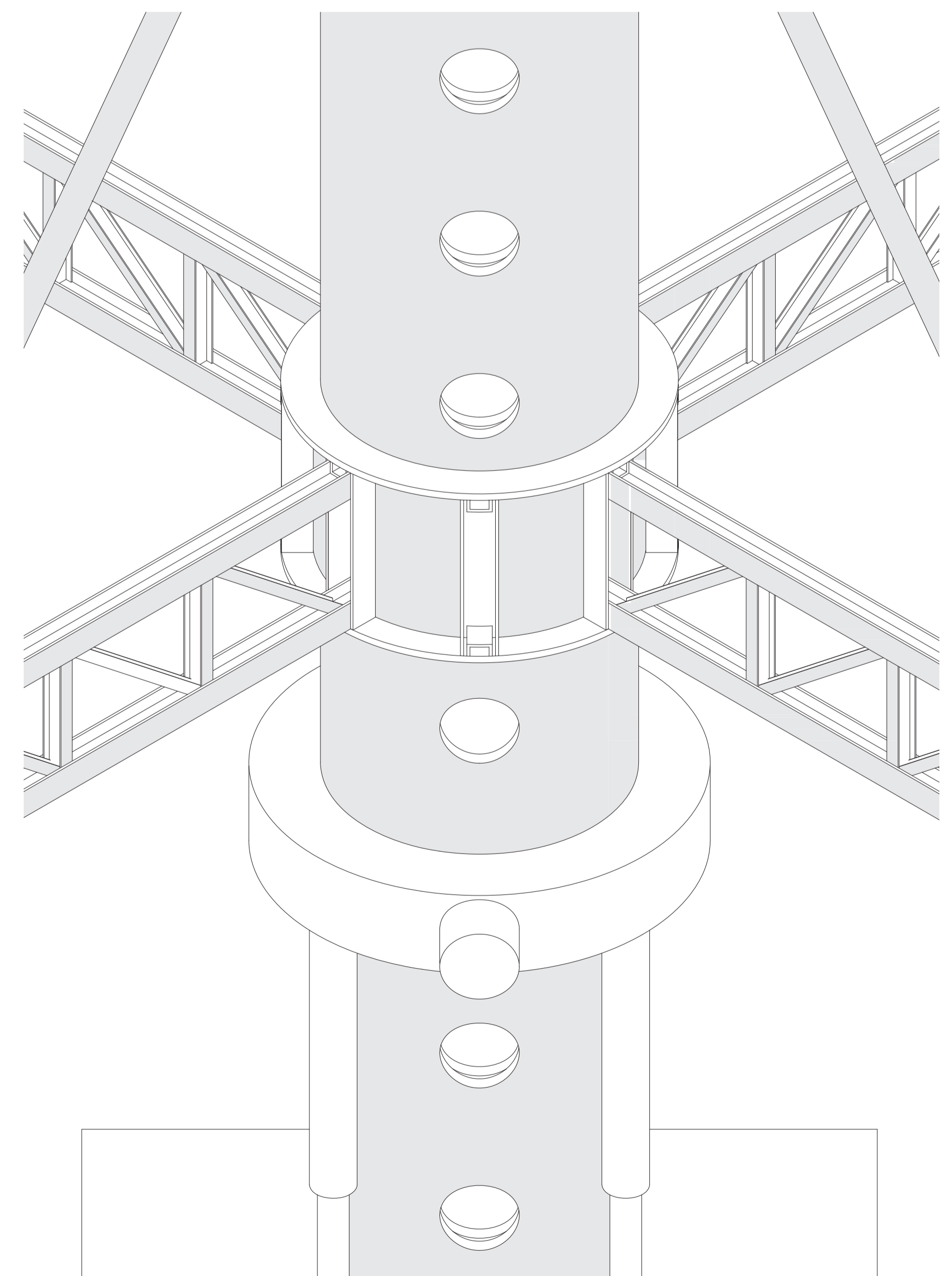
6 vinyl floor finish
concrete screed with underfloor heating
60mm insulation
composite concrete slab
ceiling



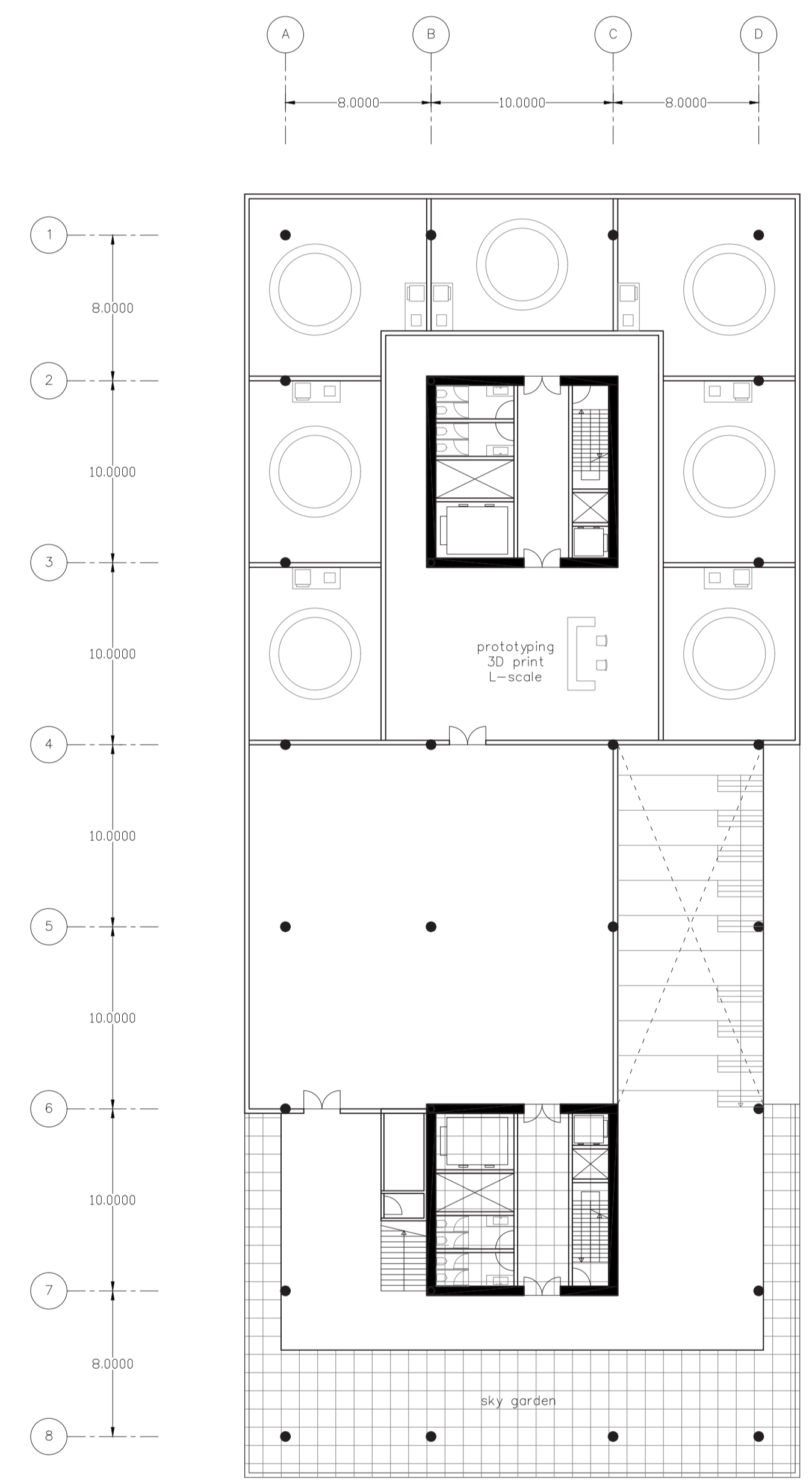
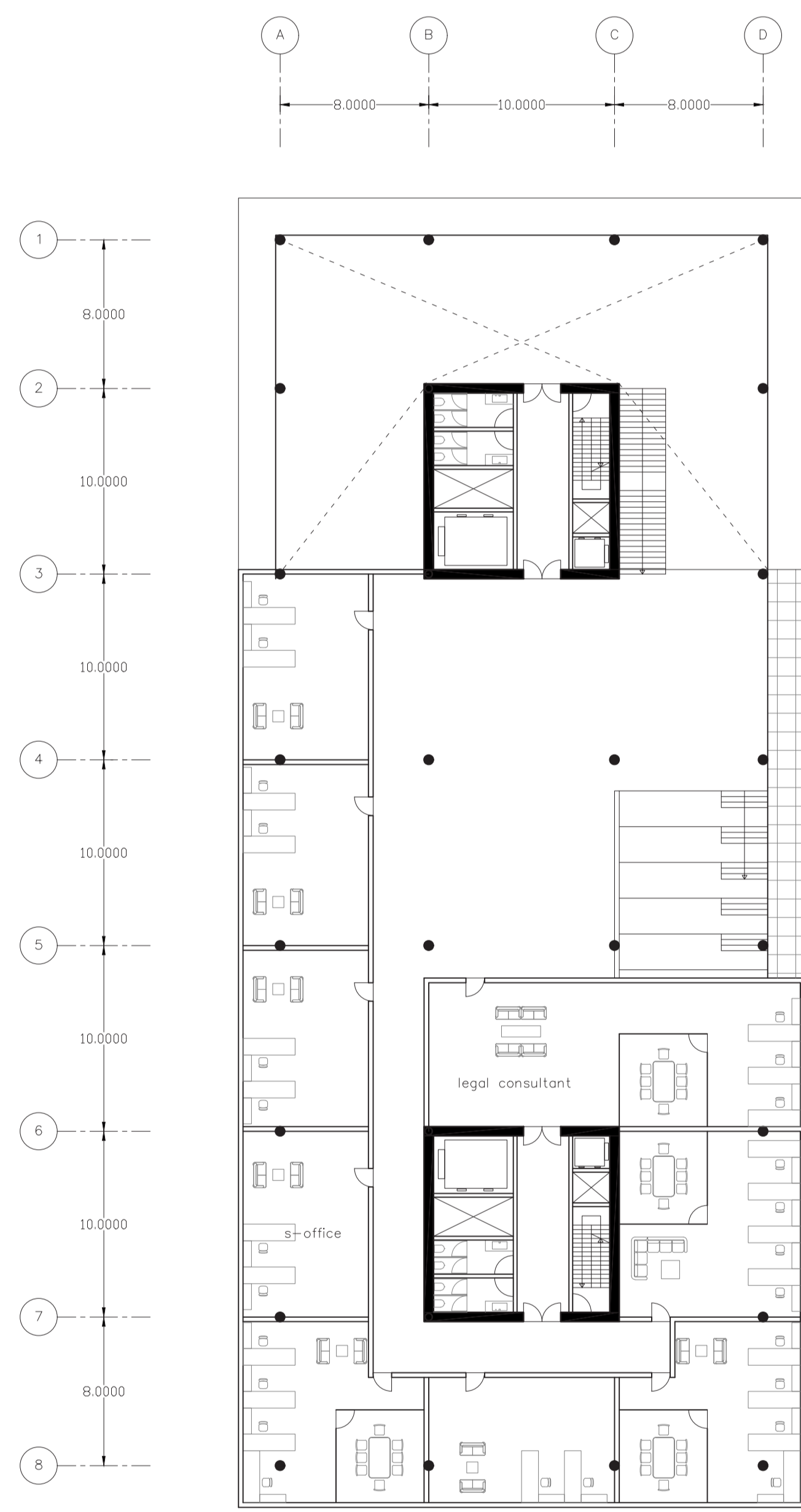
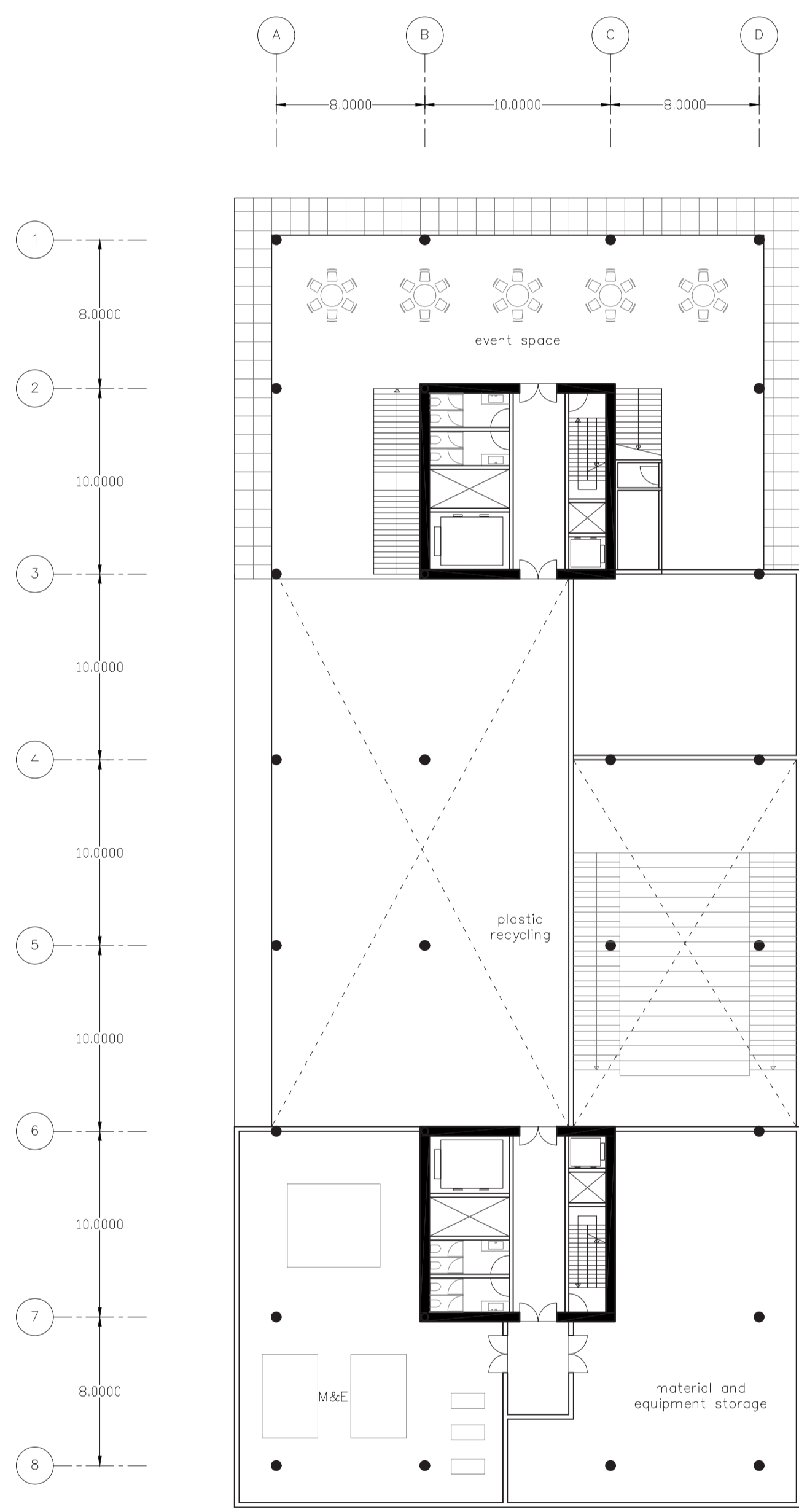
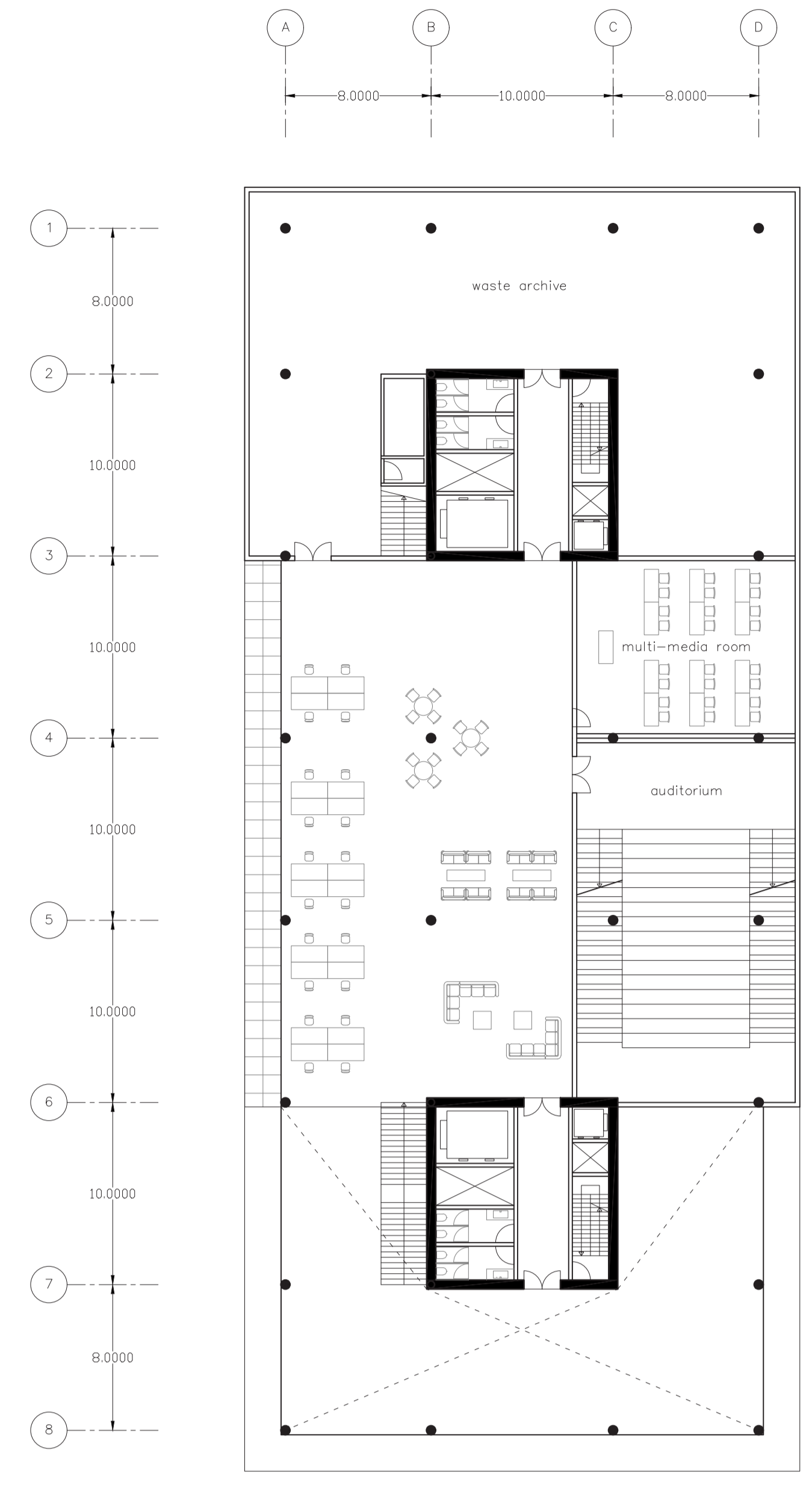
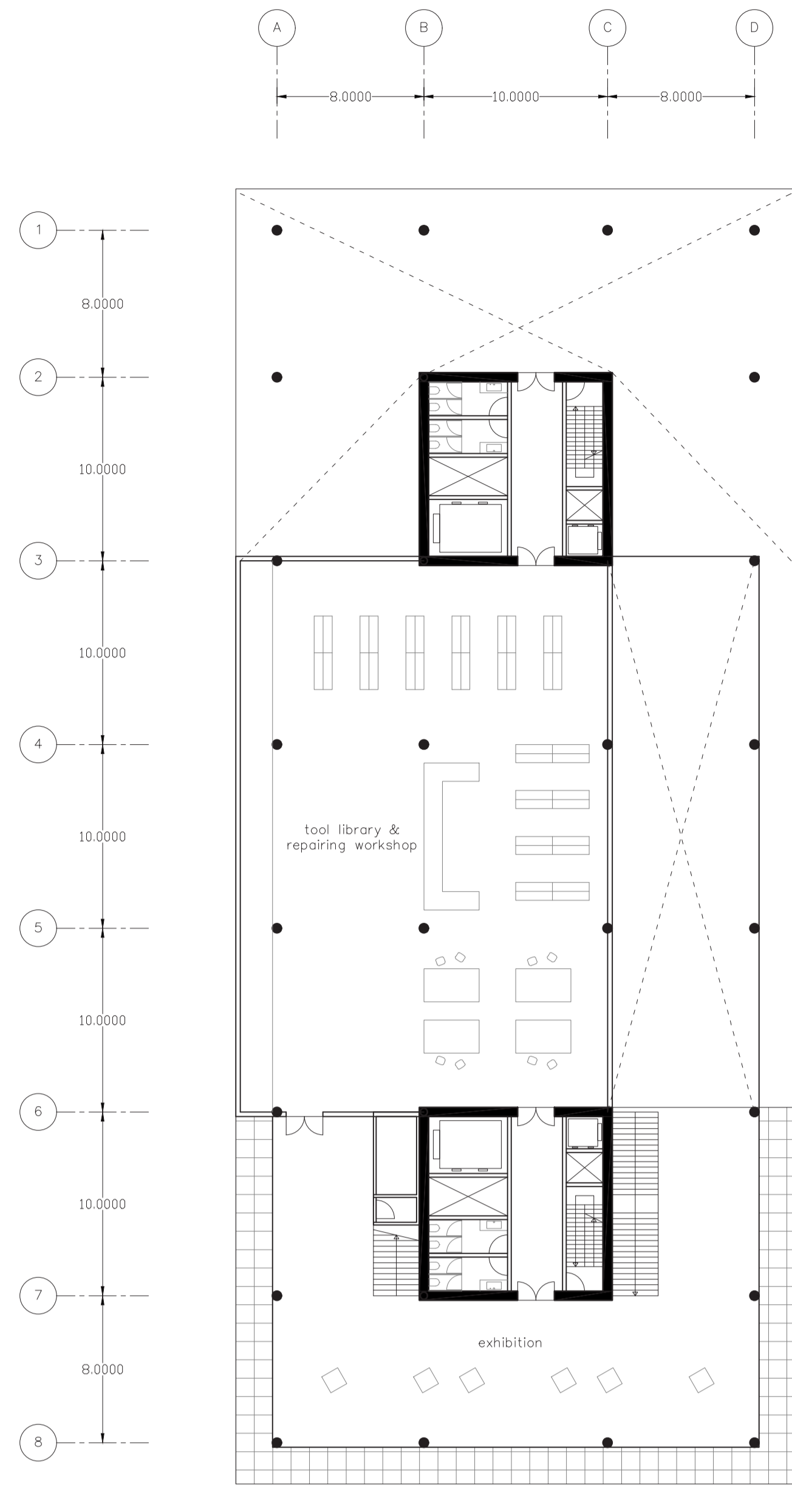
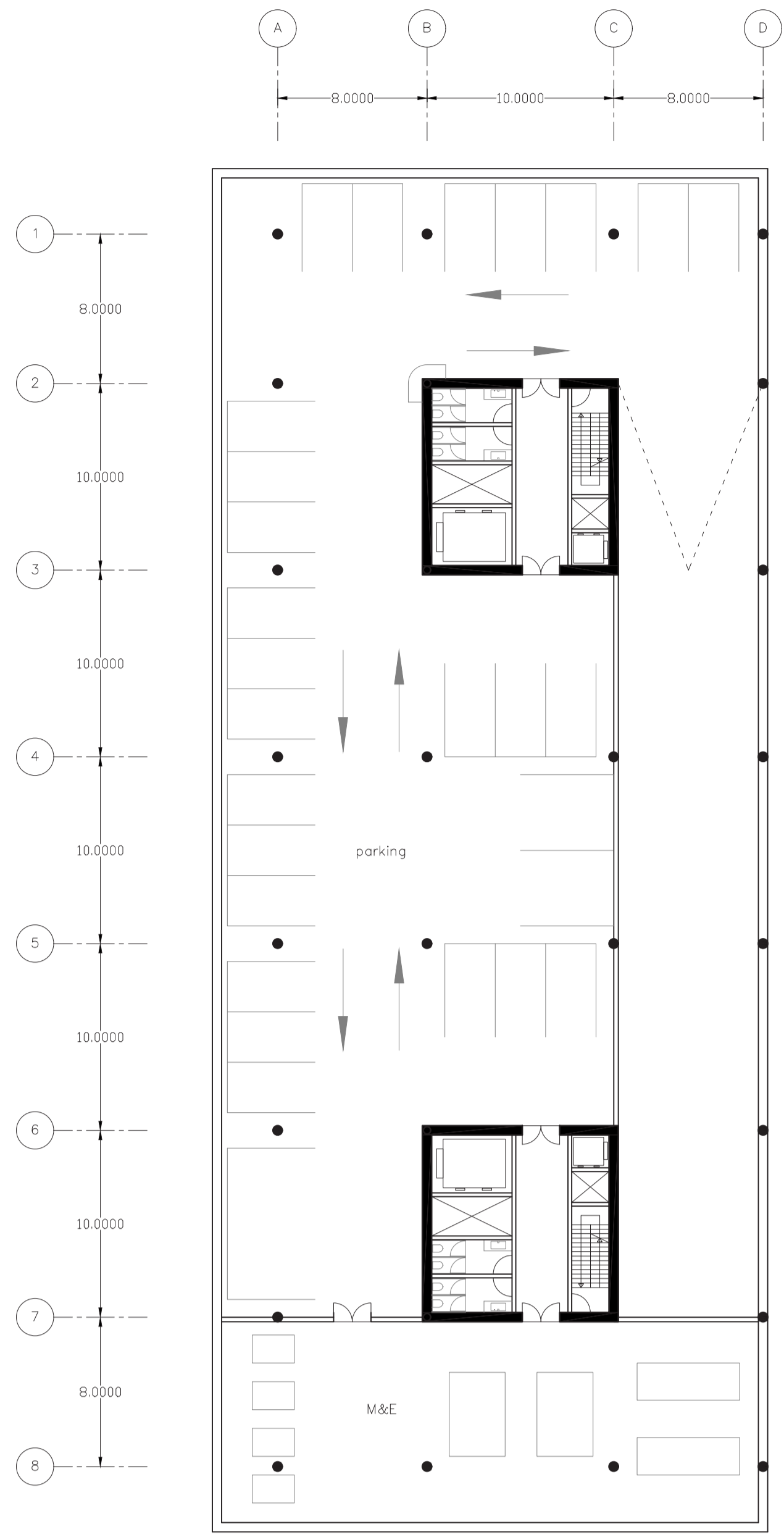
GLASS DETAIL 1:20



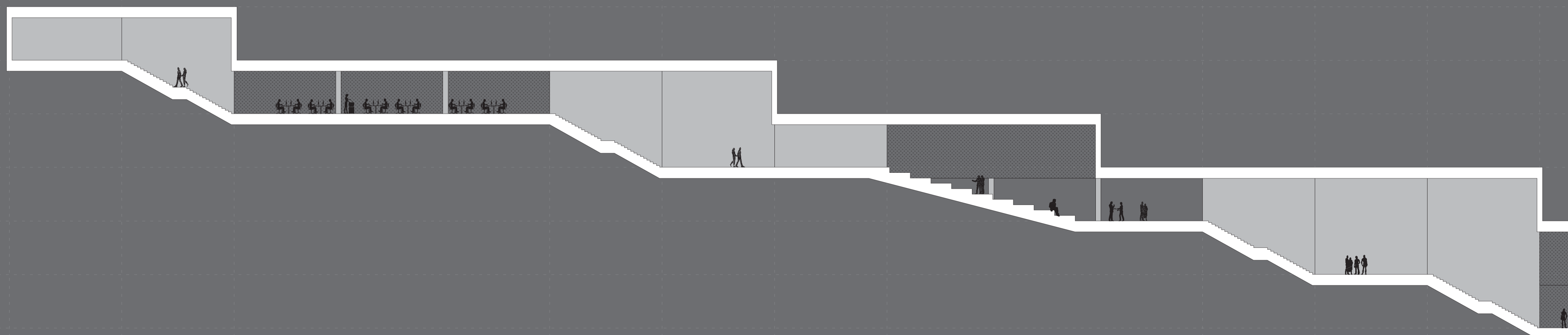
CONSTRUCTION PLATFORM
COLUMN BEAM CONNECTION DETAIL

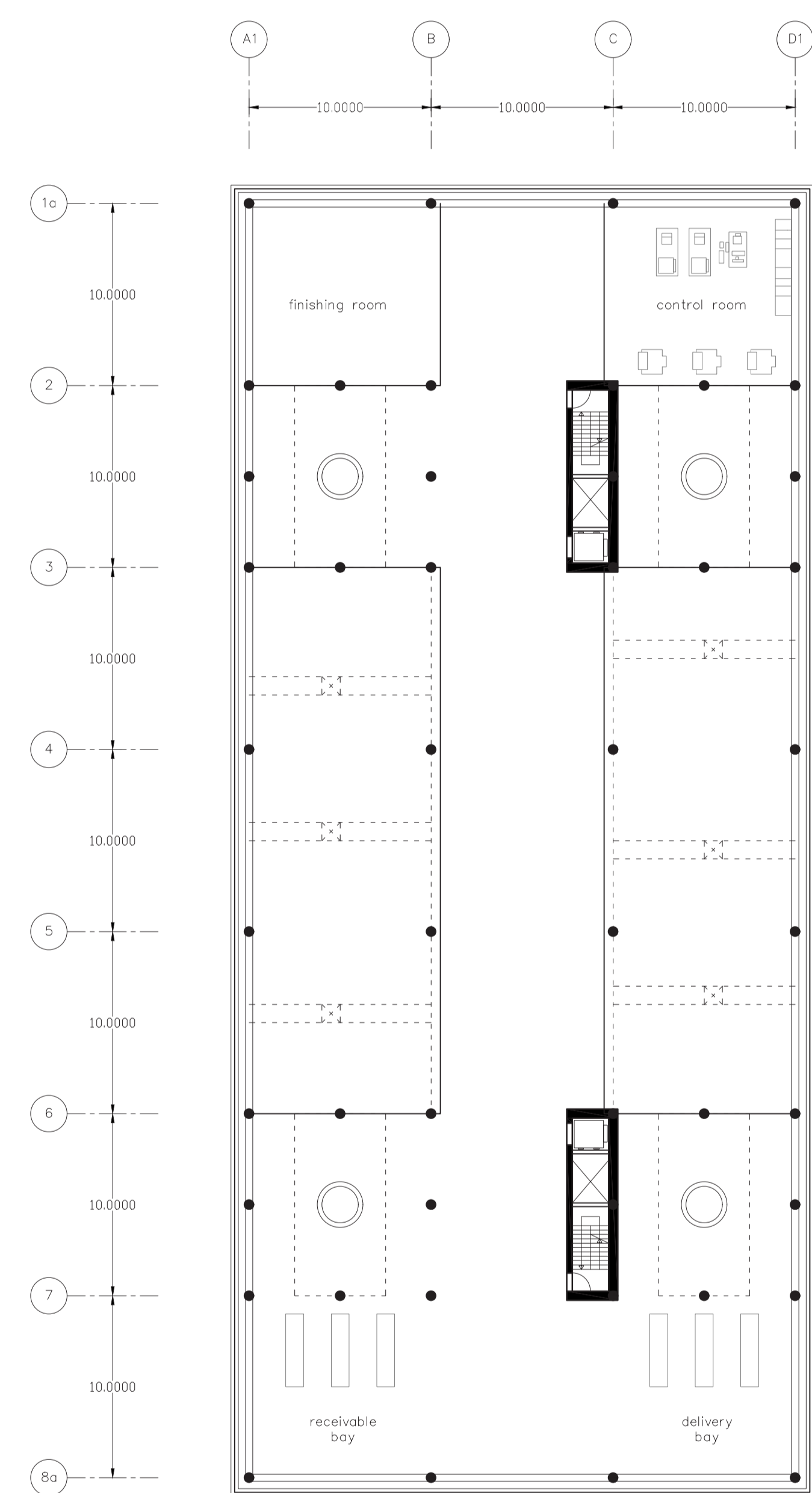
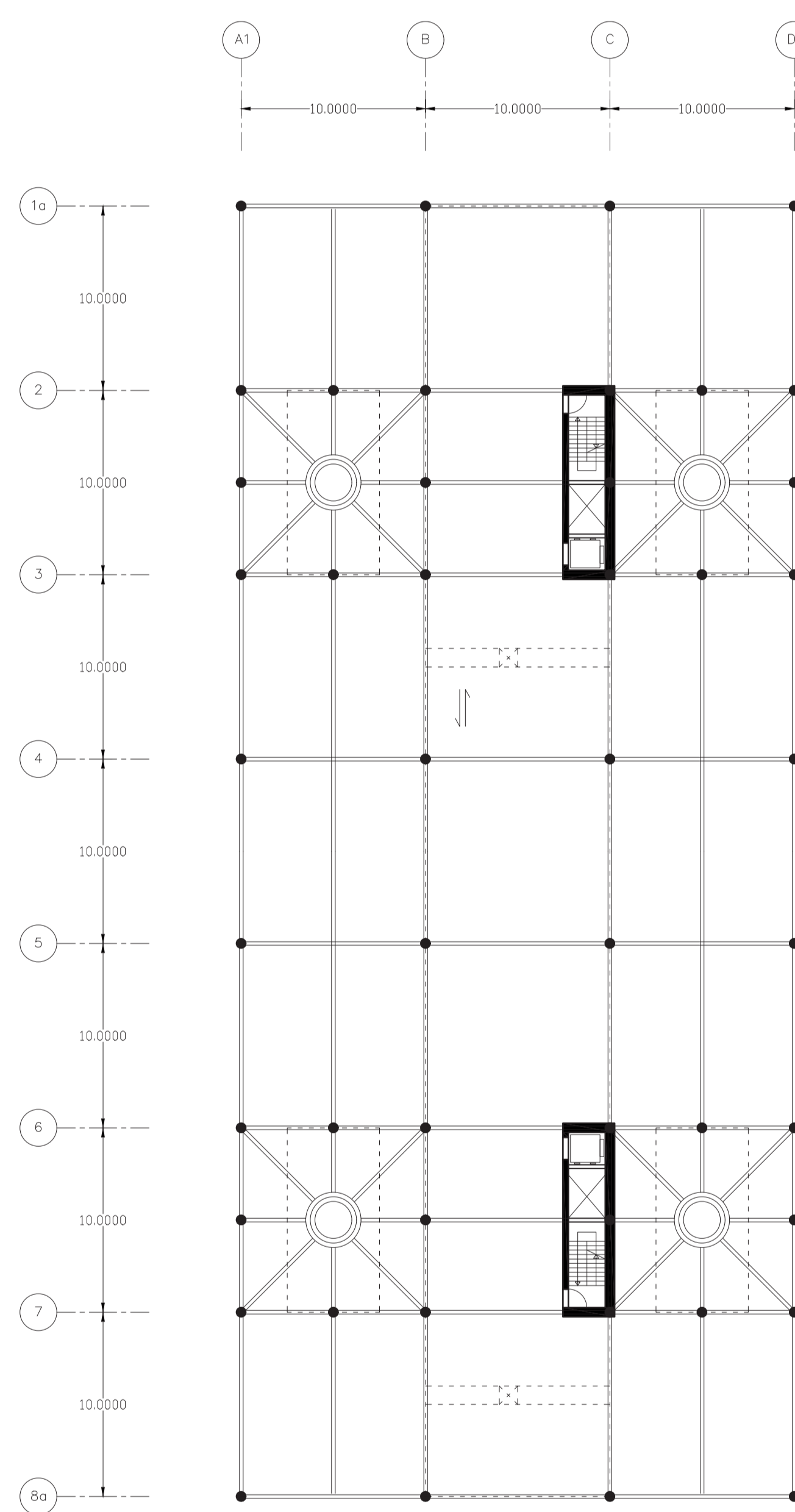
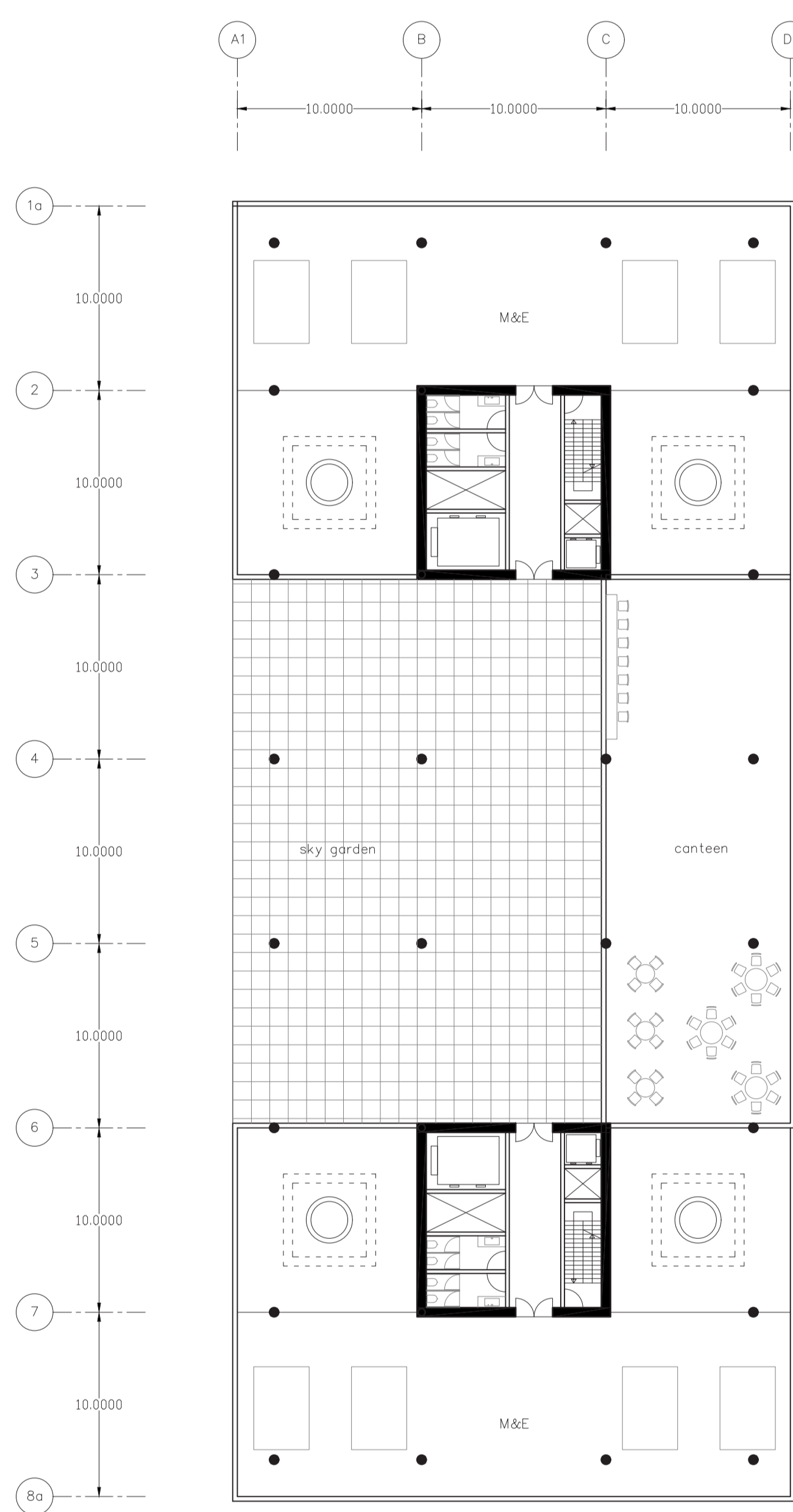
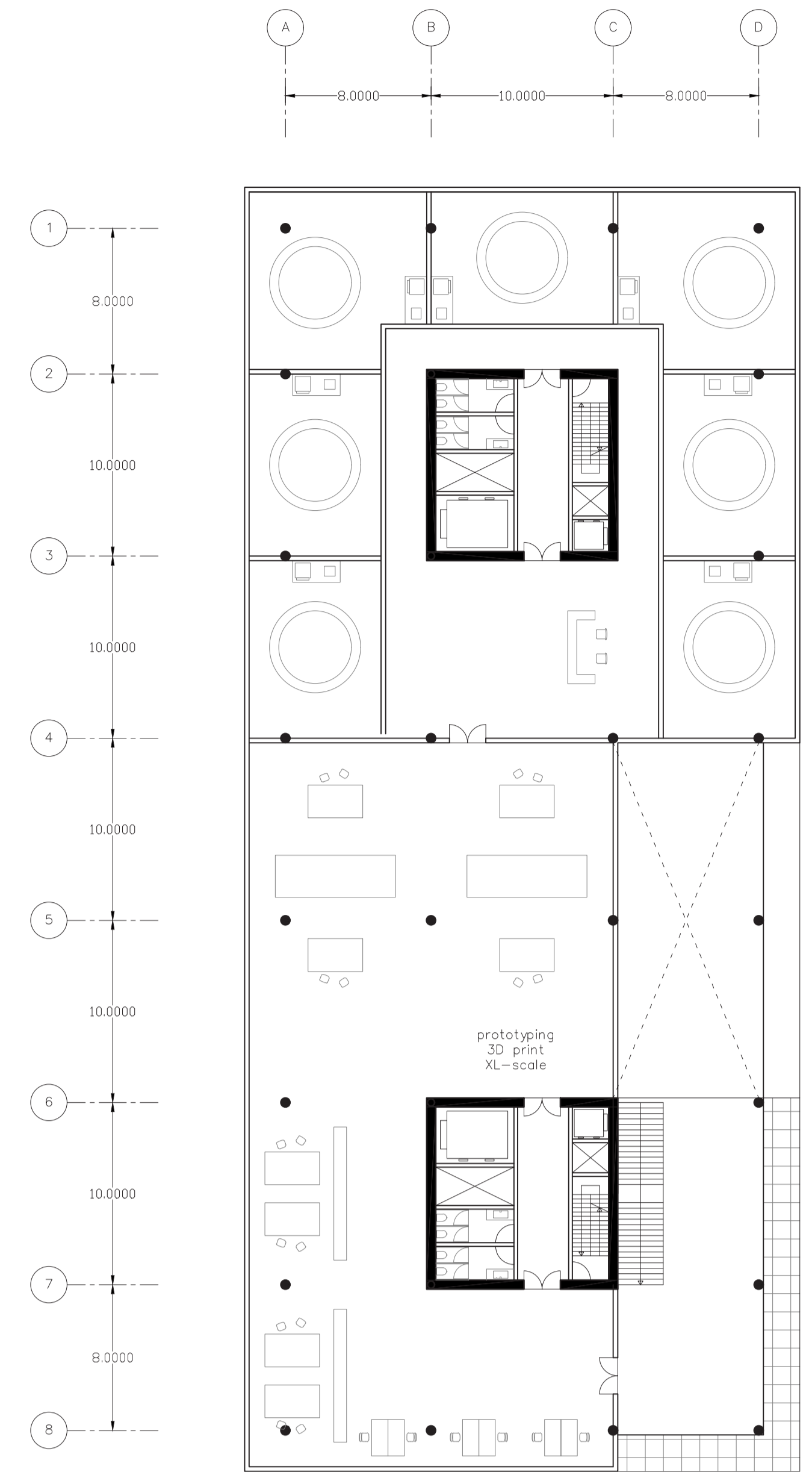
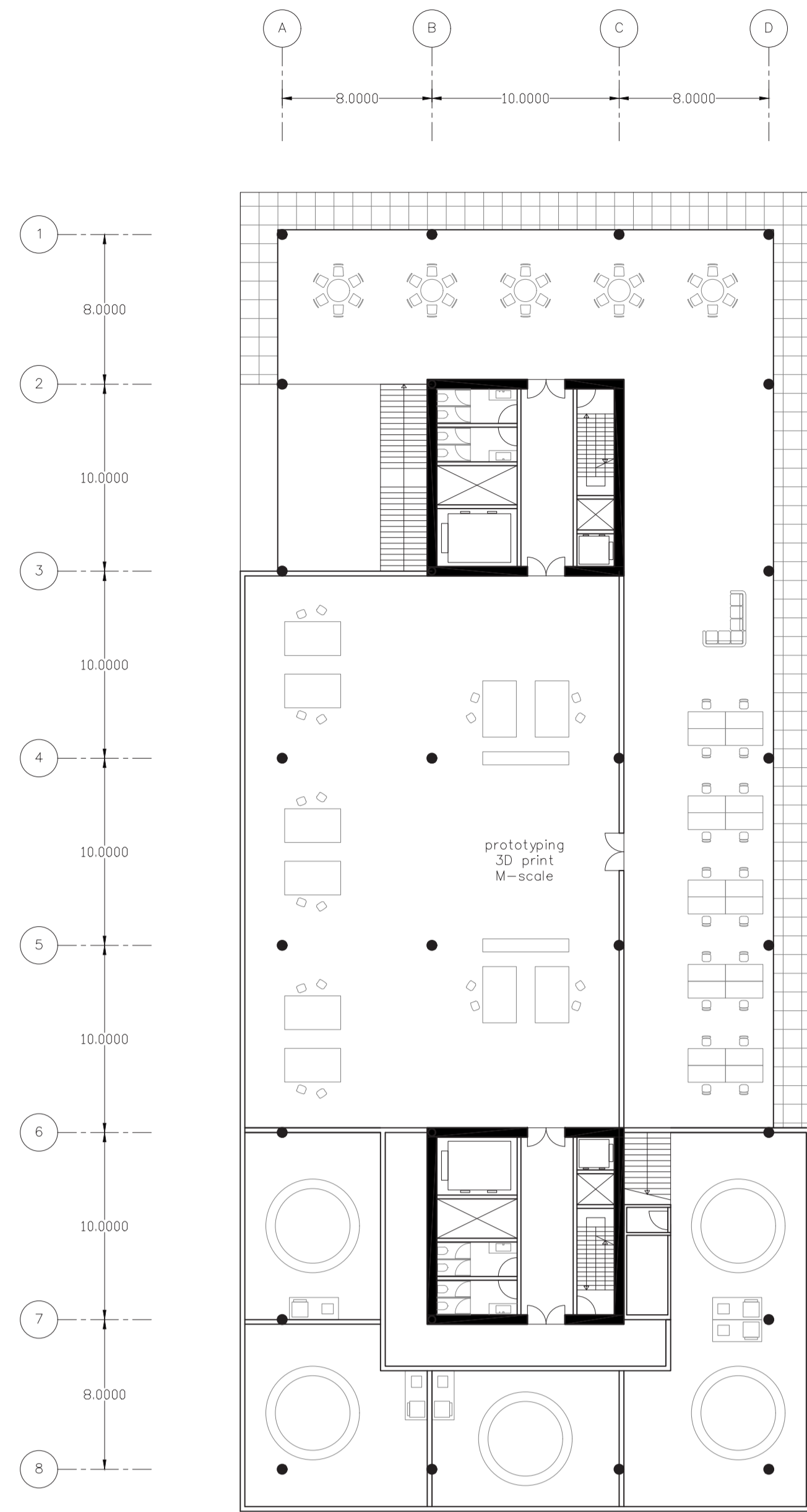
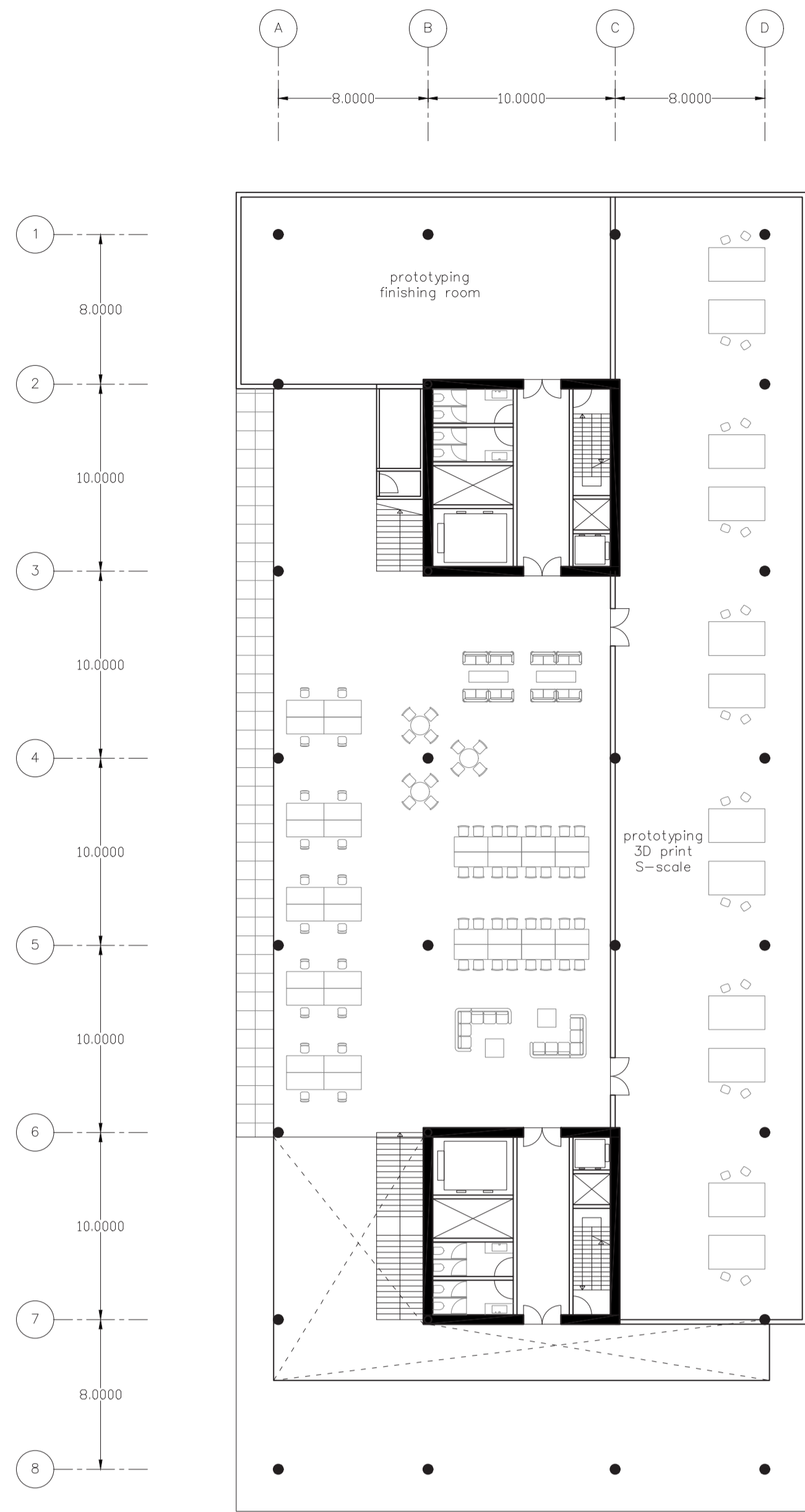


CONSTRUCTION PLATFORM
JACKING TOWER TO BEAM CONNECTION DETAIL

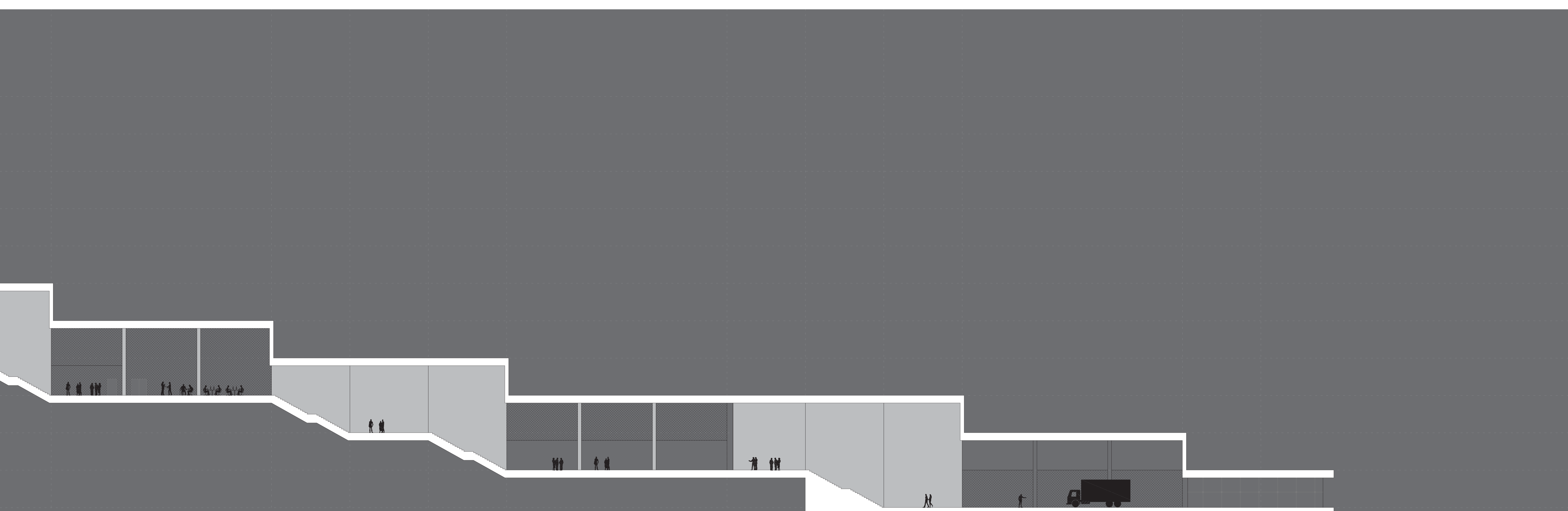


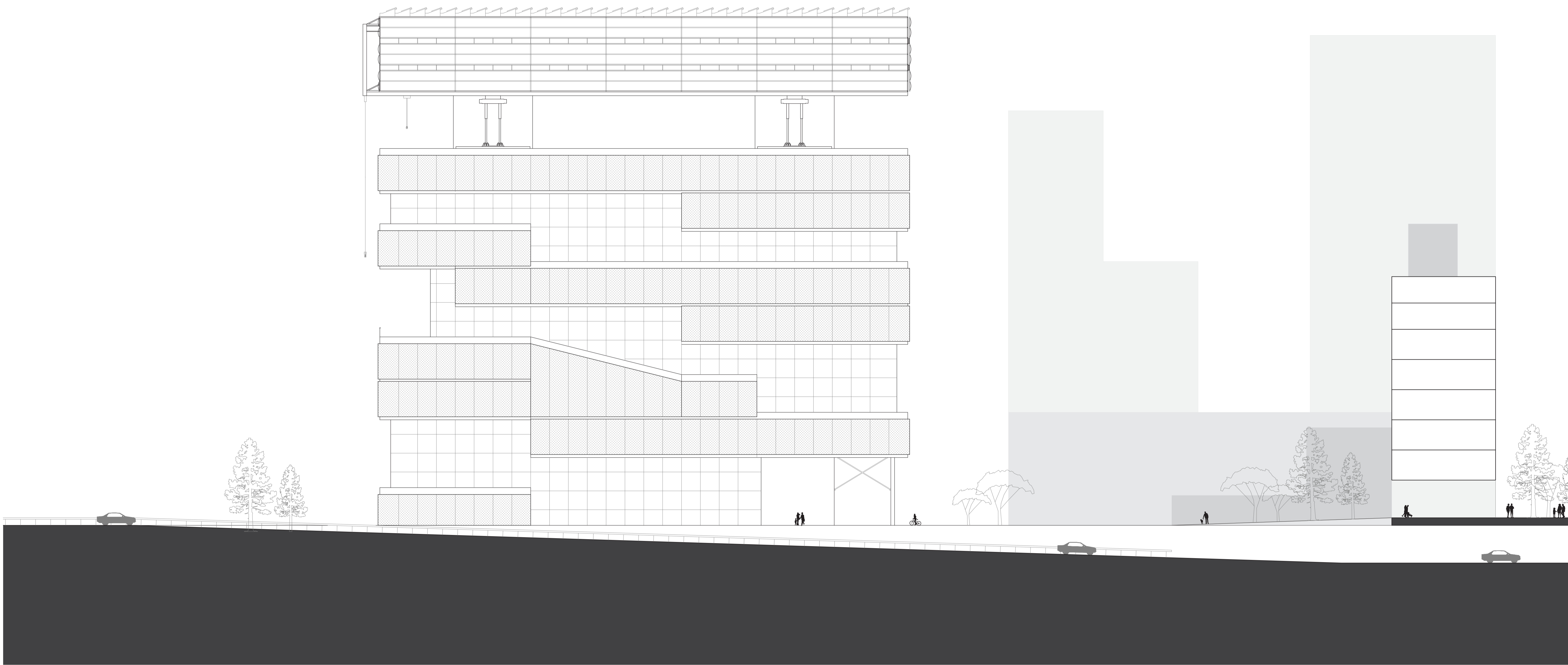
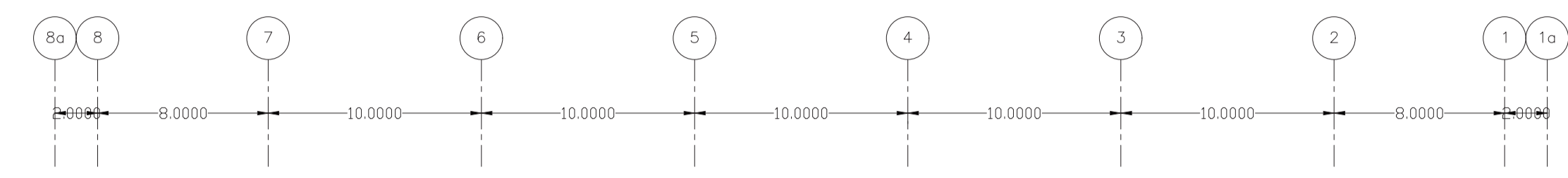
FLOOR PLAN 1:250



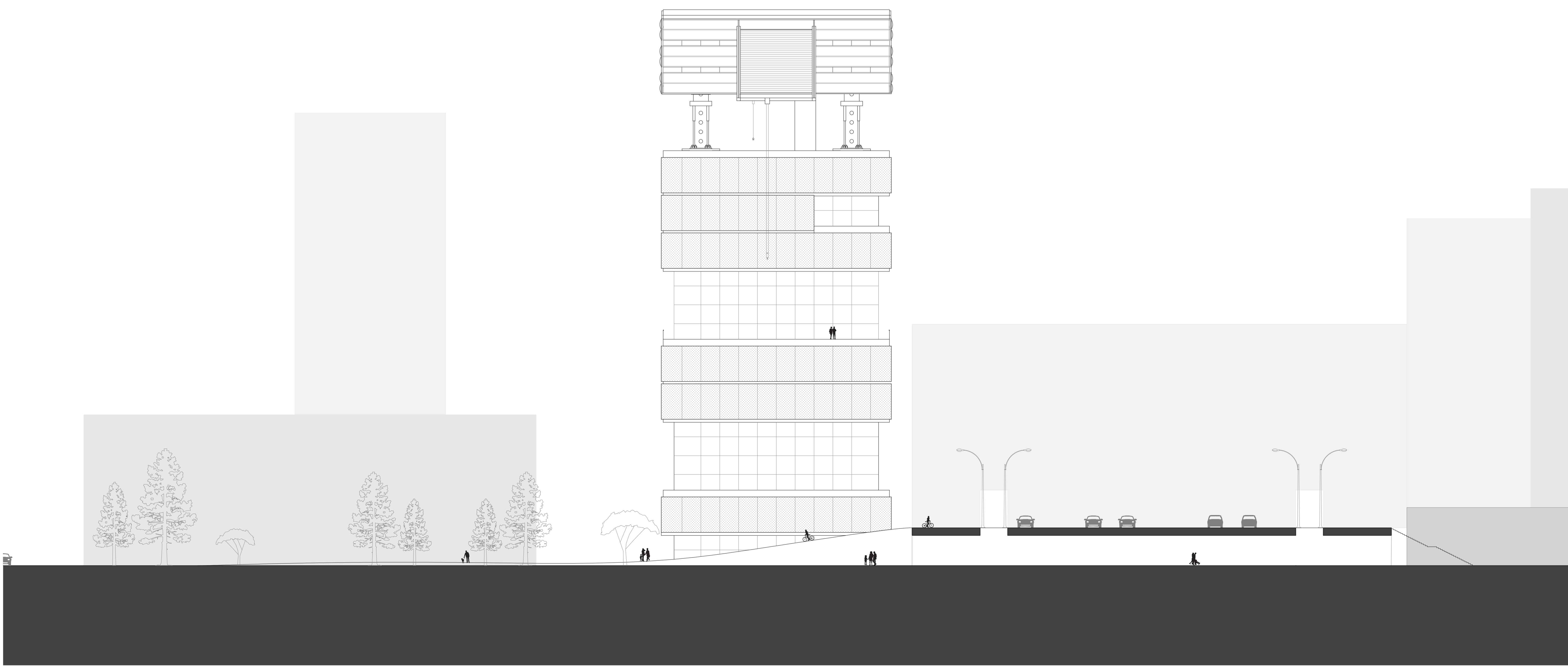
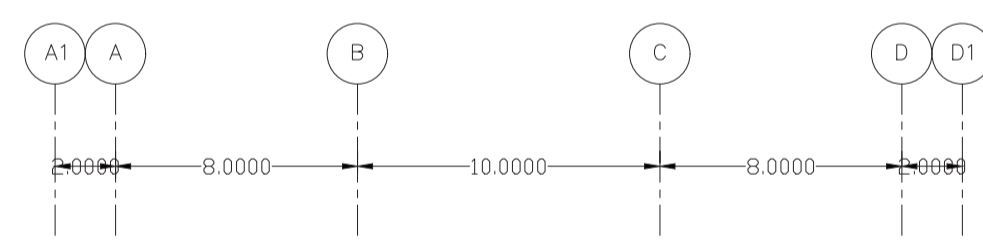


FLOOR PLAN 1:250

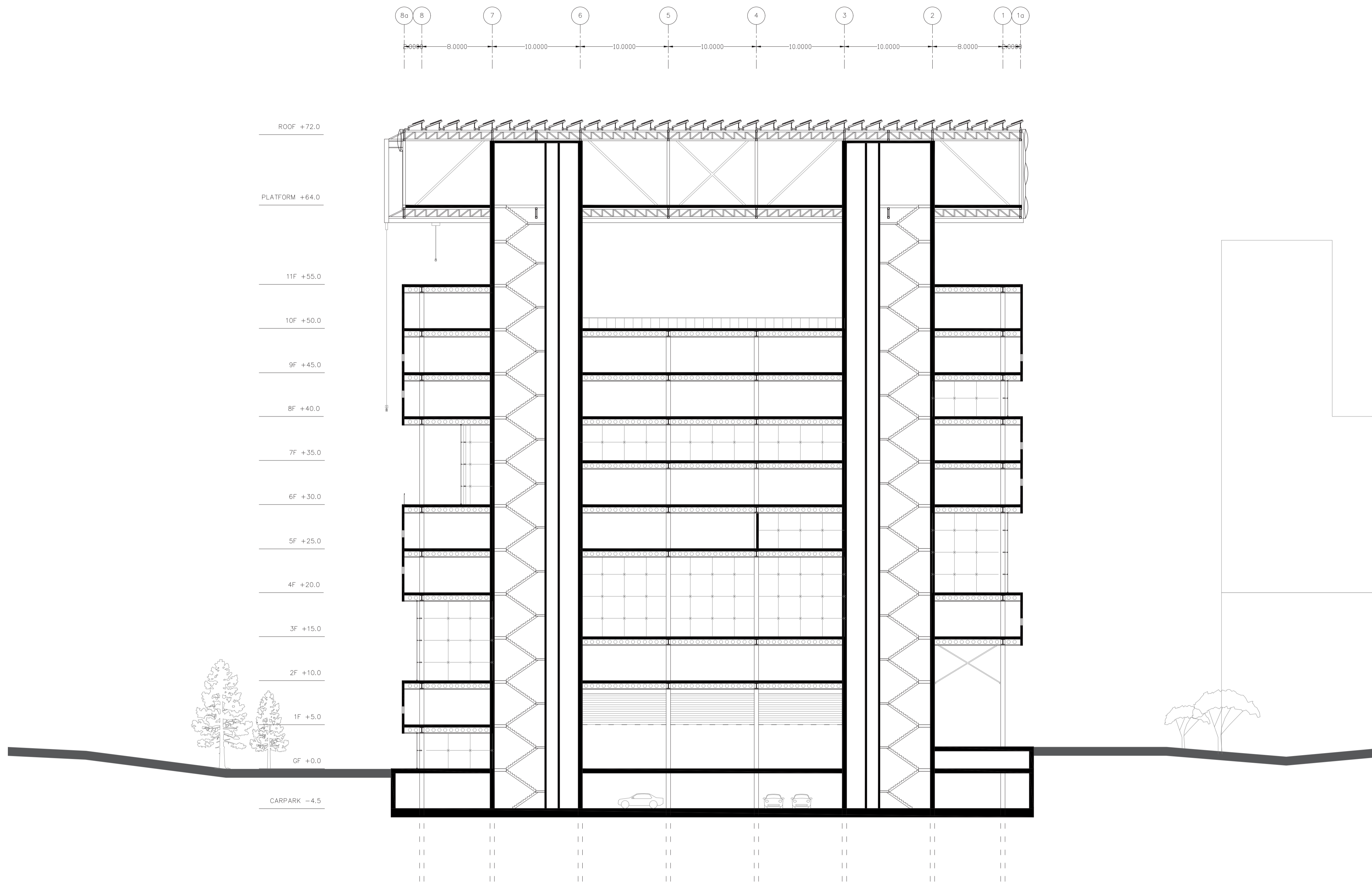




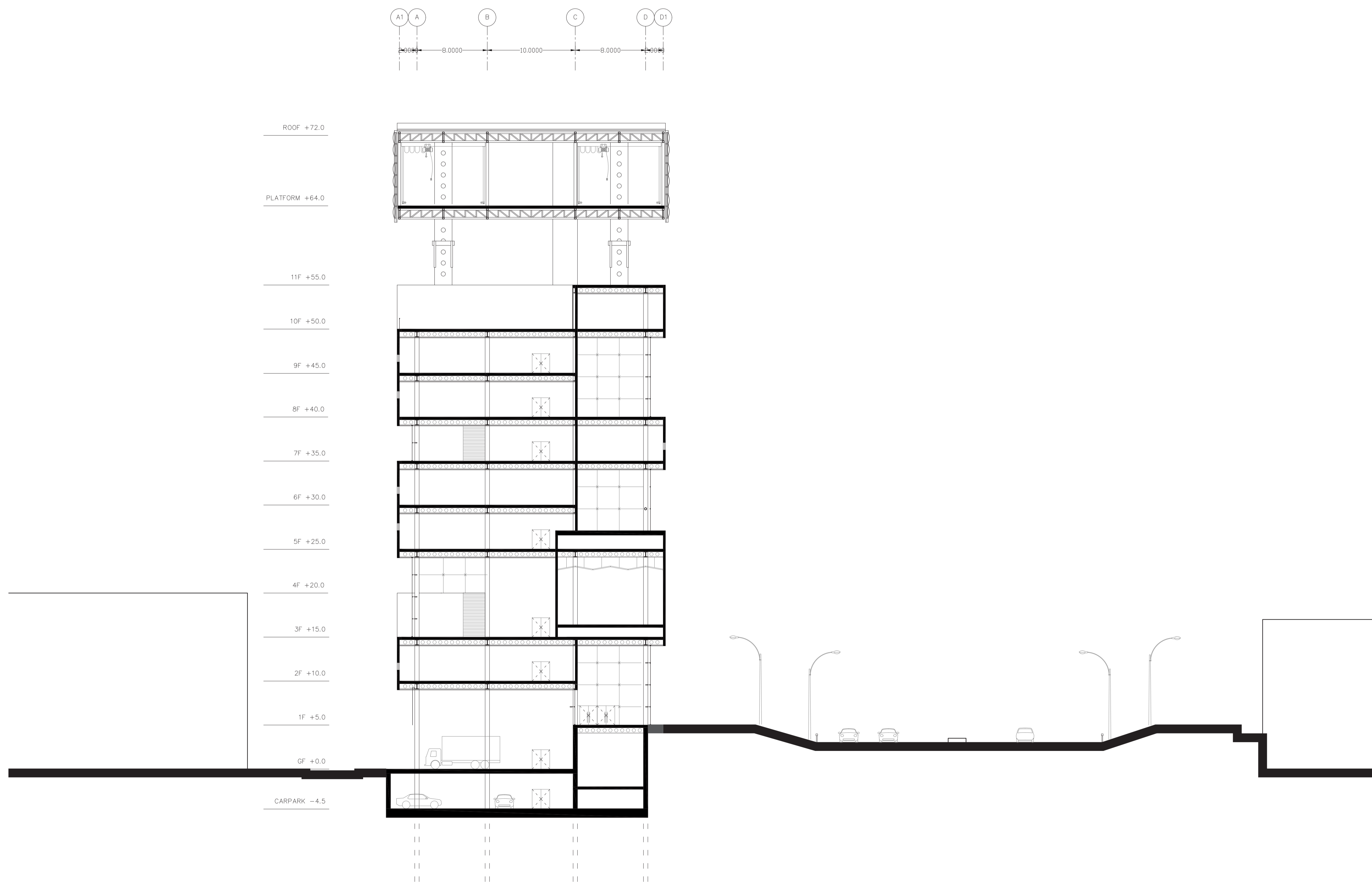
ELEVATION EAST 1:250



ELEVATION SOUTH 1:250



SECTION A-A 1:250



SECTION B-B 1:250