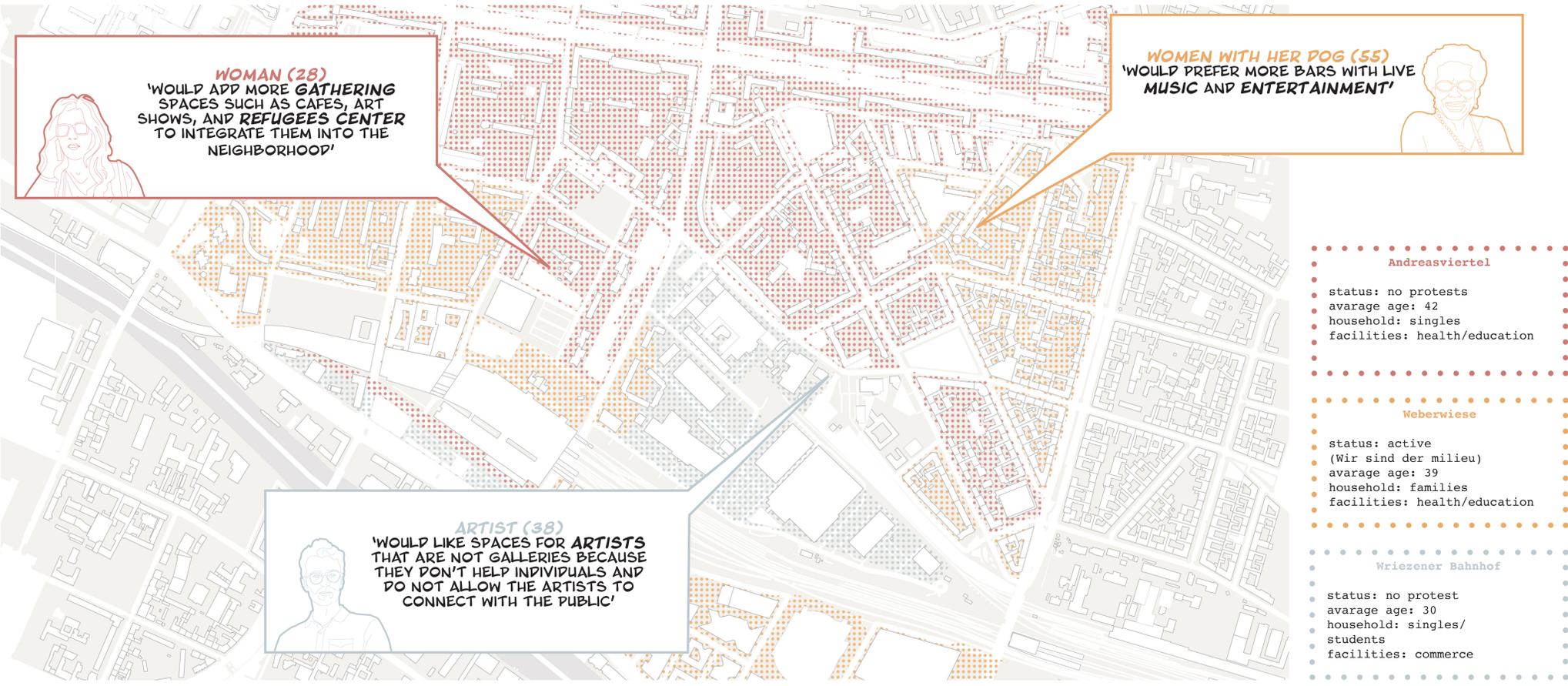


KARREE

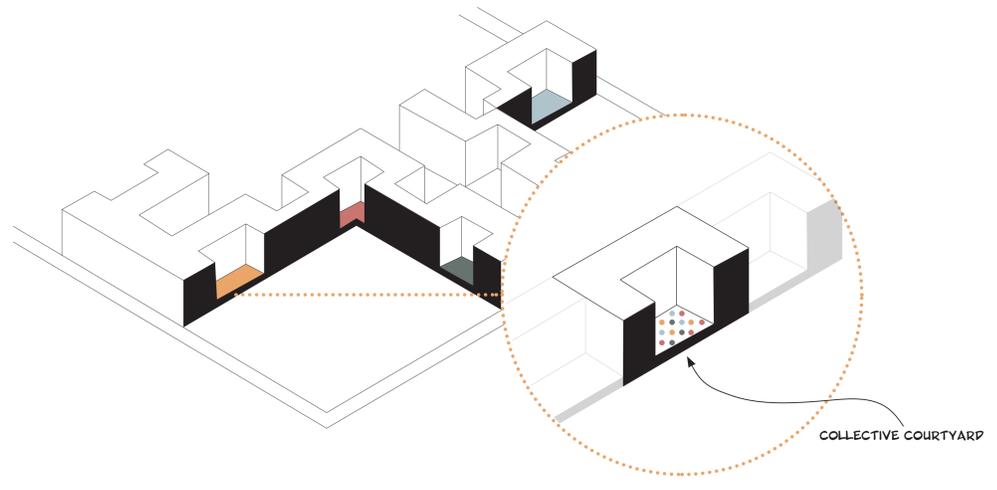
Public condenser for social inclusivity
in Friedrichshain, Berlin



Problem statement // gentrification map



History site // mietskaserne site

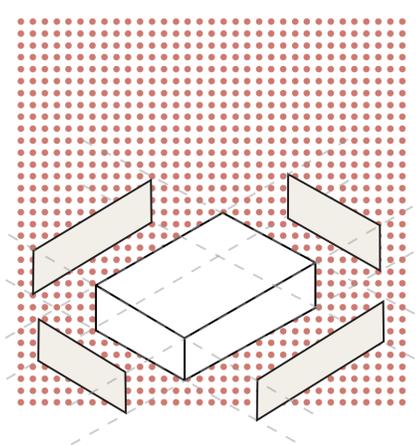


History site // mietskaserne principle

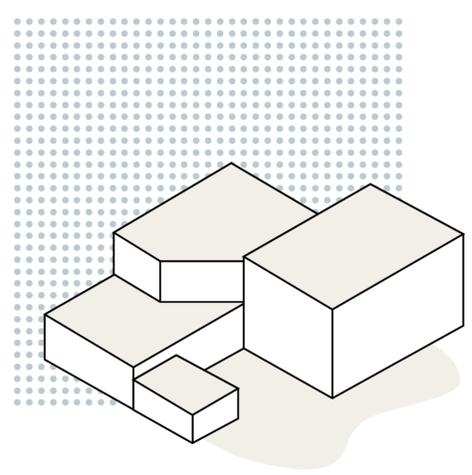


INCLUSIVE

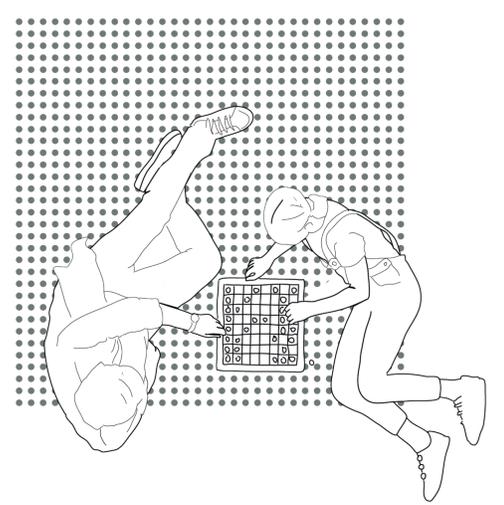
Concept // boundless architecture related to the commons



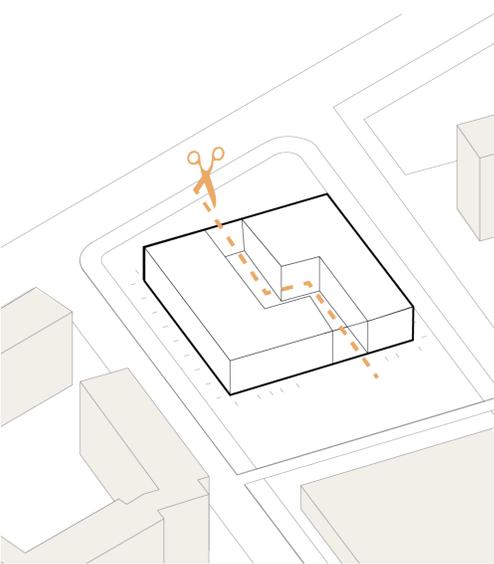
FLEXIBILITY



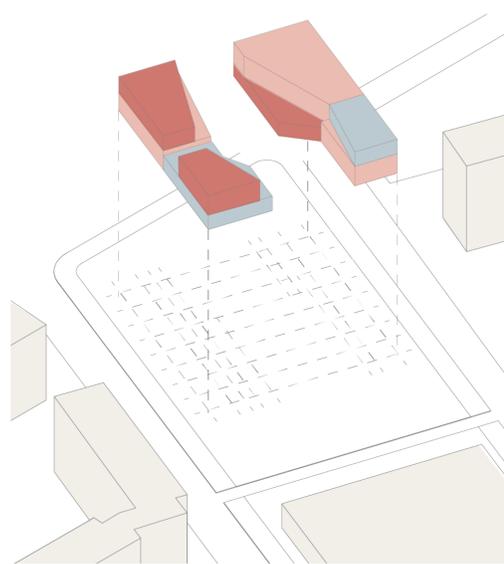
PARTICIPATION



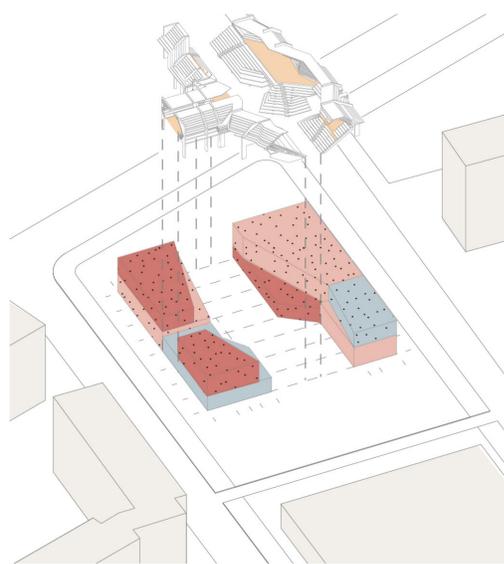
SOCIAL COHESION



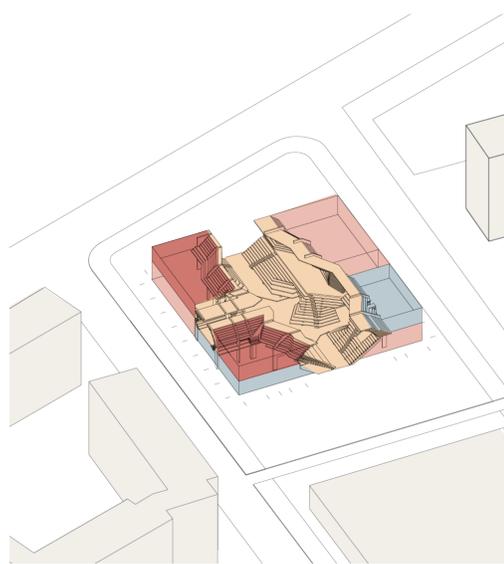
new route through the forum



program arranged around the forum



forum as public center in the building

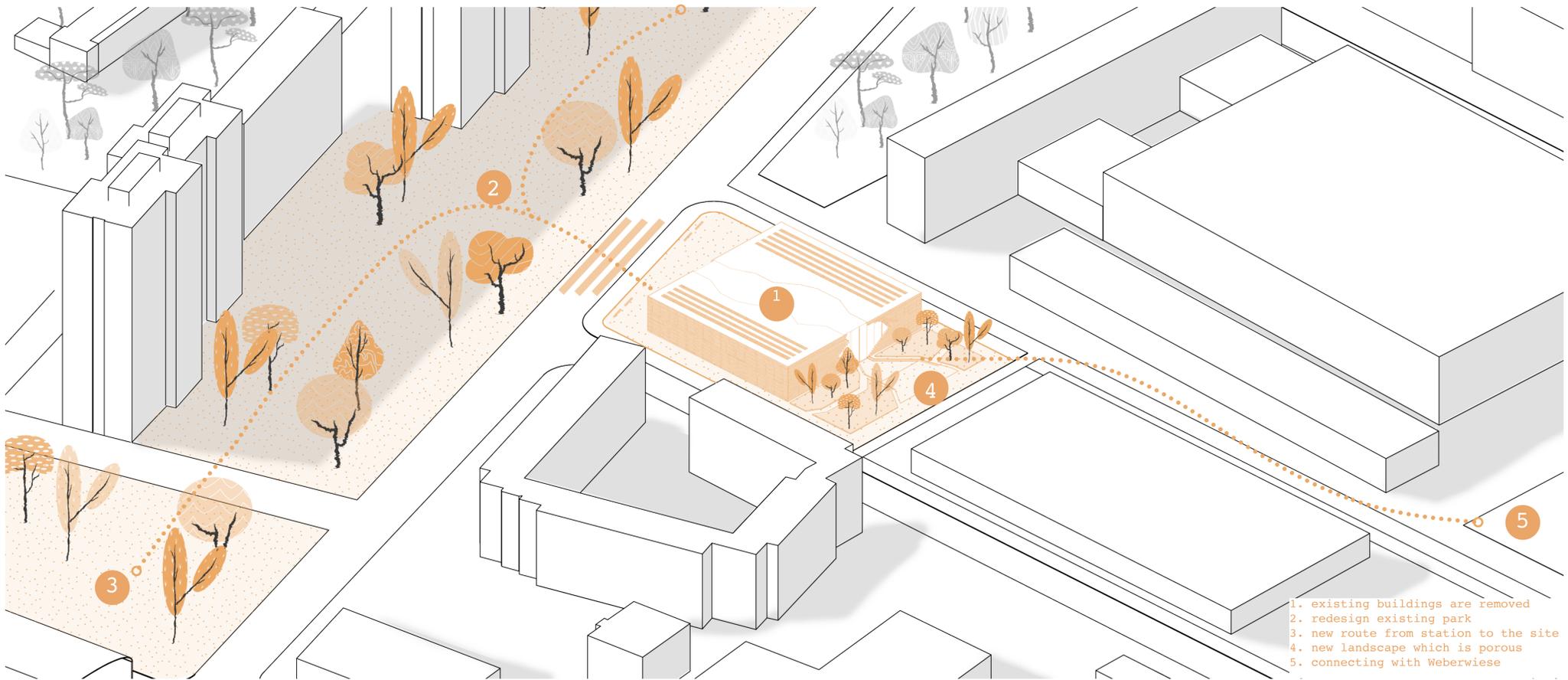


forum implemented in the spaces

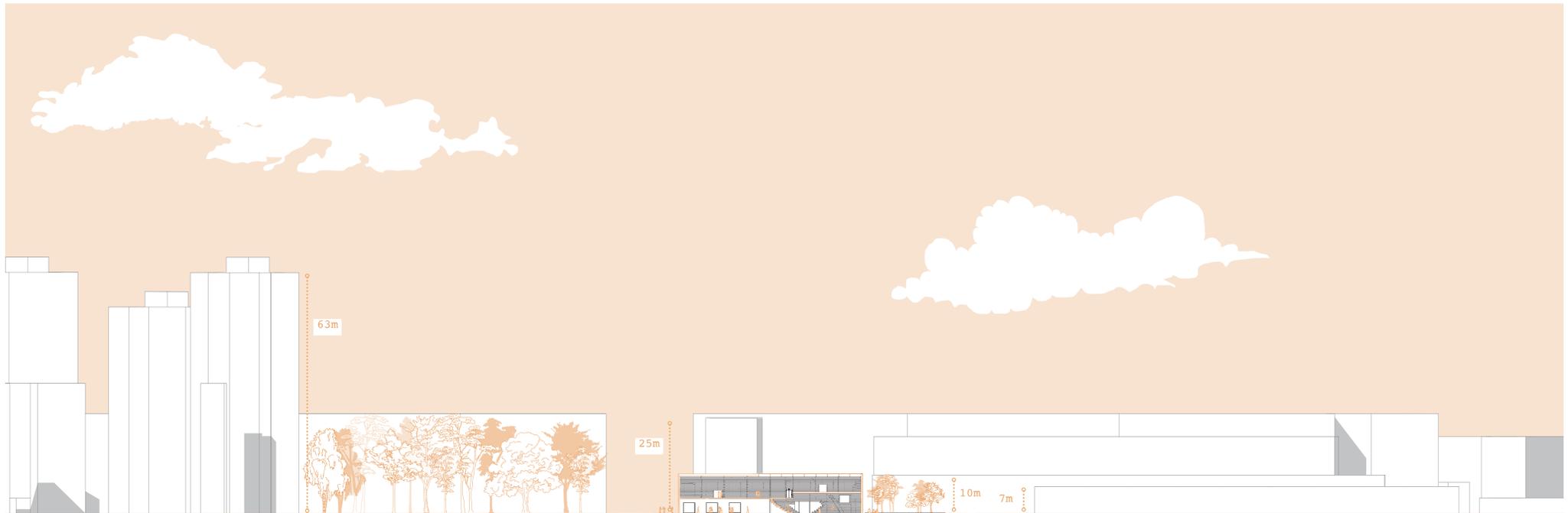
Concept development

KARREE

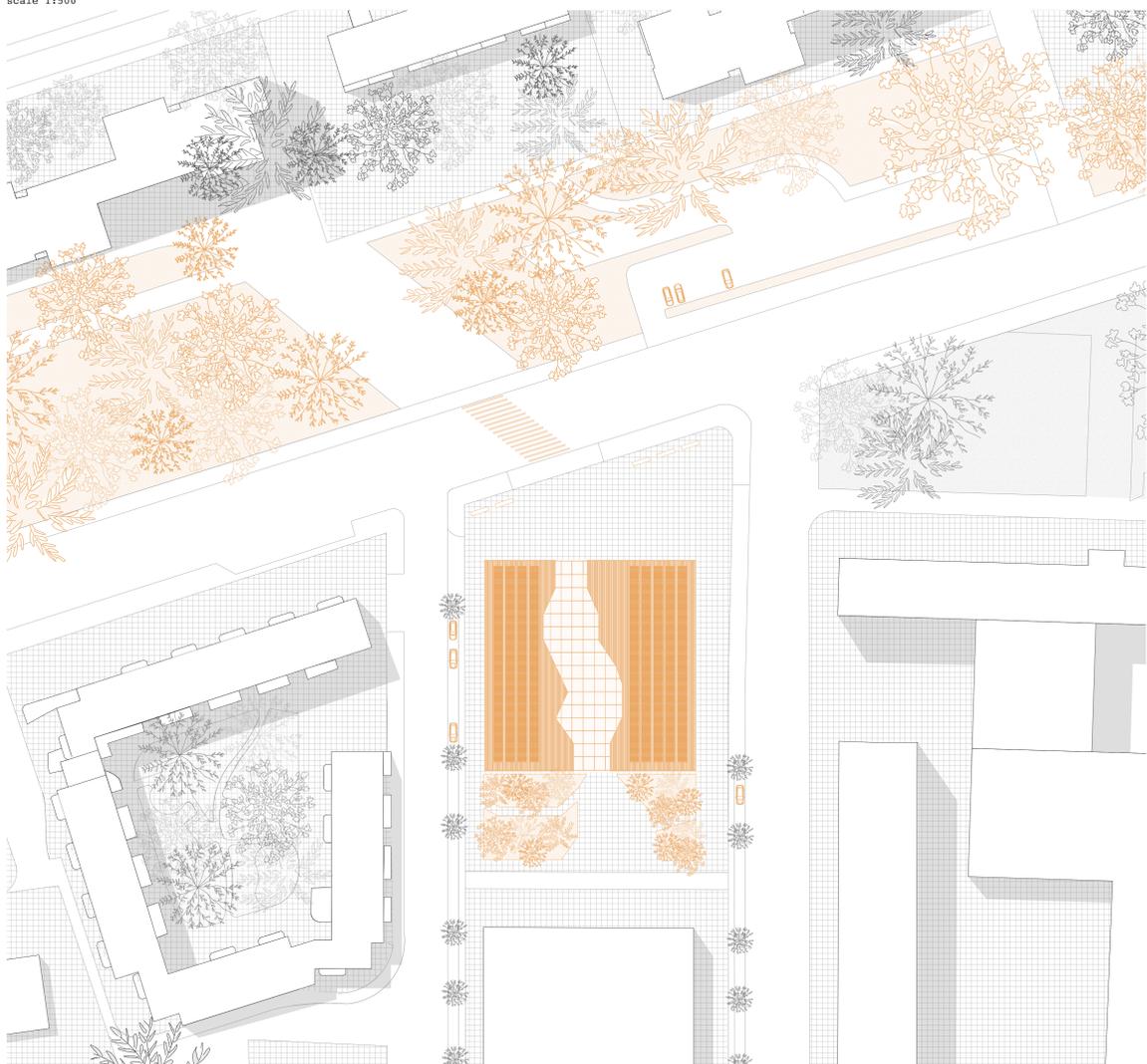
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in Friedrichshain, Berlin



Design // site strategy



Design // site section
scale 1:500



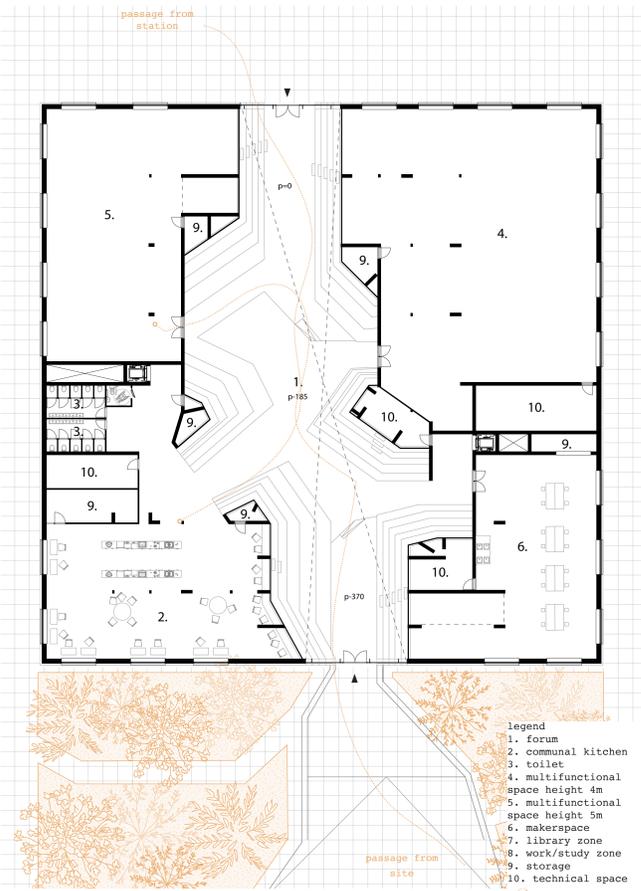
Design // site plan
scale 1:500



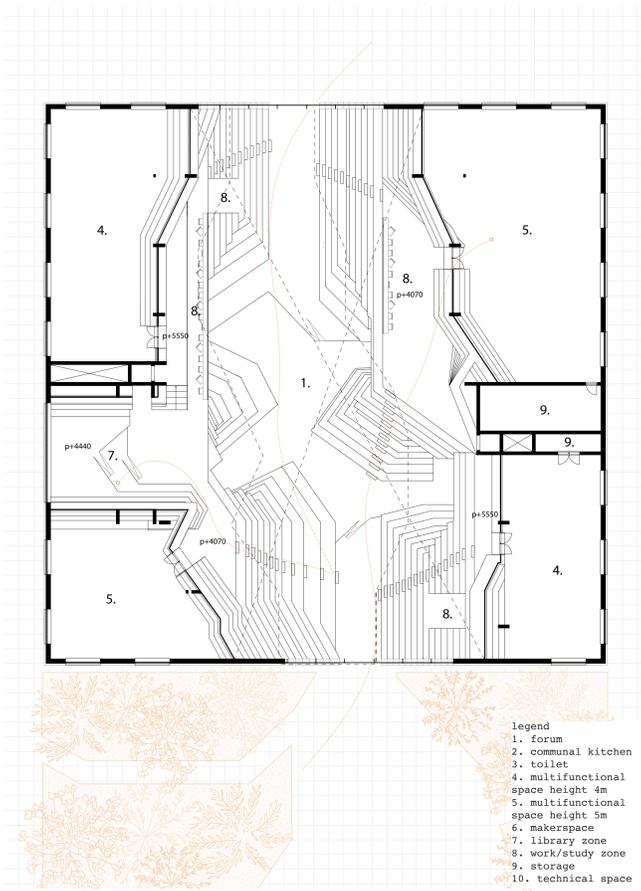
Design // impression entrances

KARREE

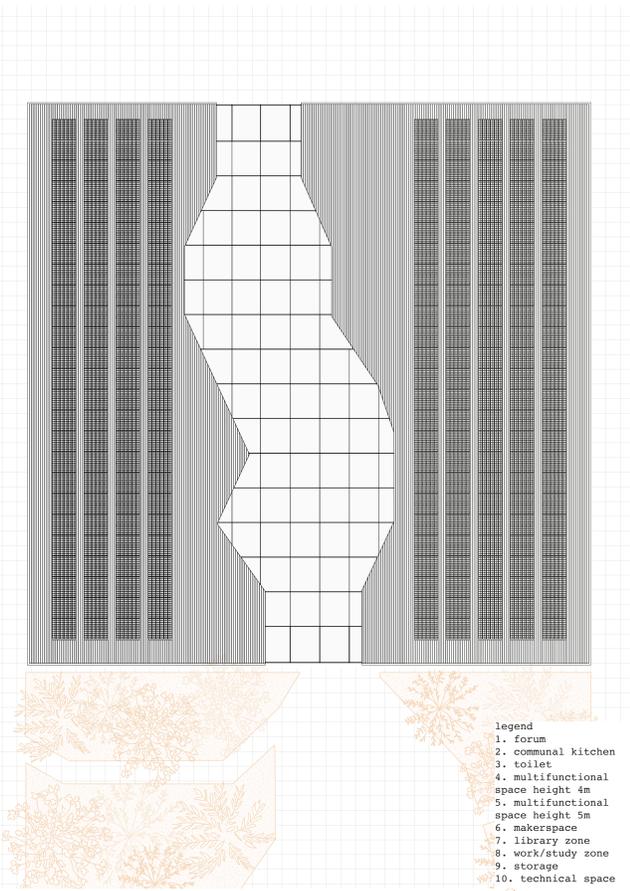
Public condenser for social inclusivity
in Friedrichshain, Berlin



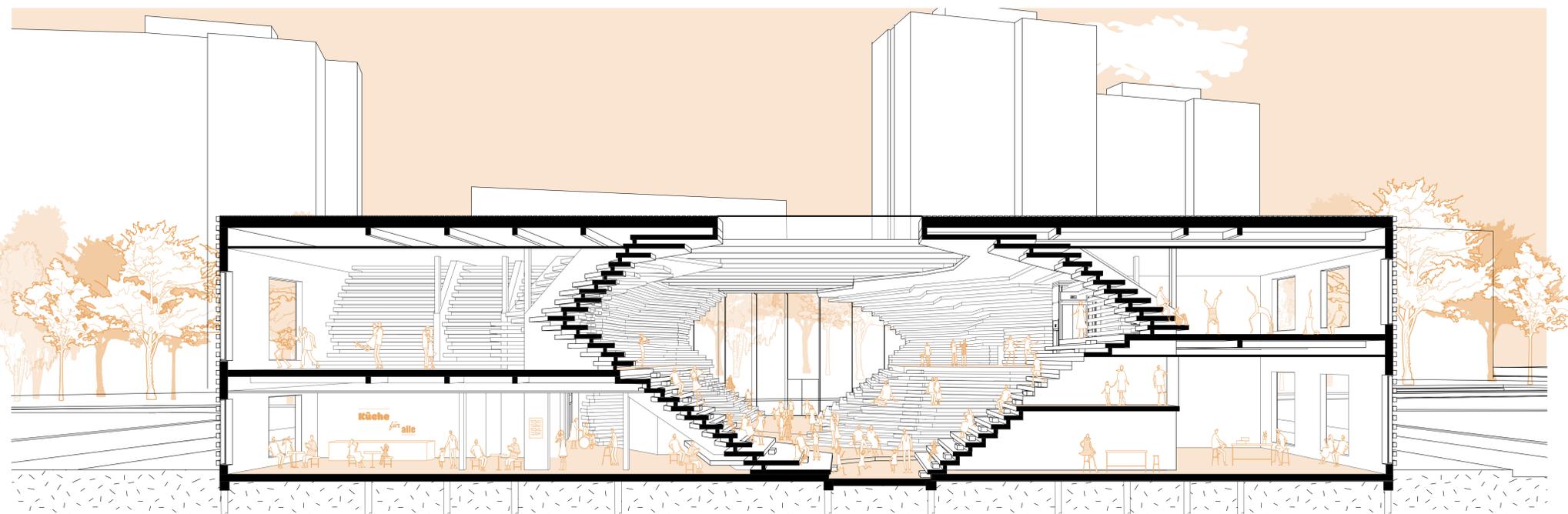
Design // groundfloor plan +00
scale 1:200



Design // first floor plan +4070
scale 1:200



Design // roof plan +10400
scale 1:200



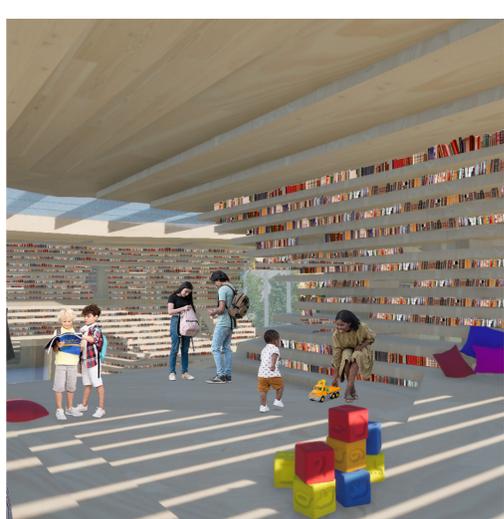
Design // site section
scale 1:100



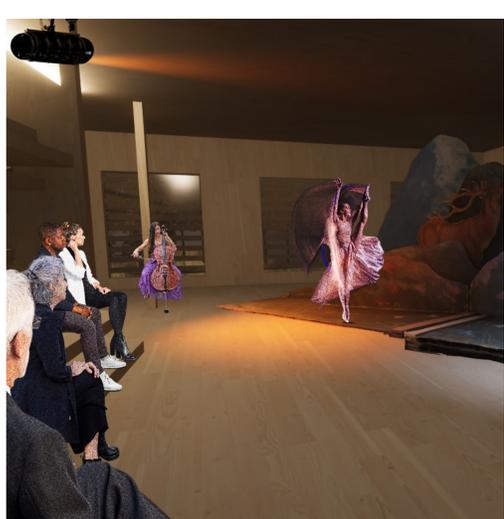
Interior // communal kitchen



Interior // multifunctional space



Interior // library



Interior // multifunctional space



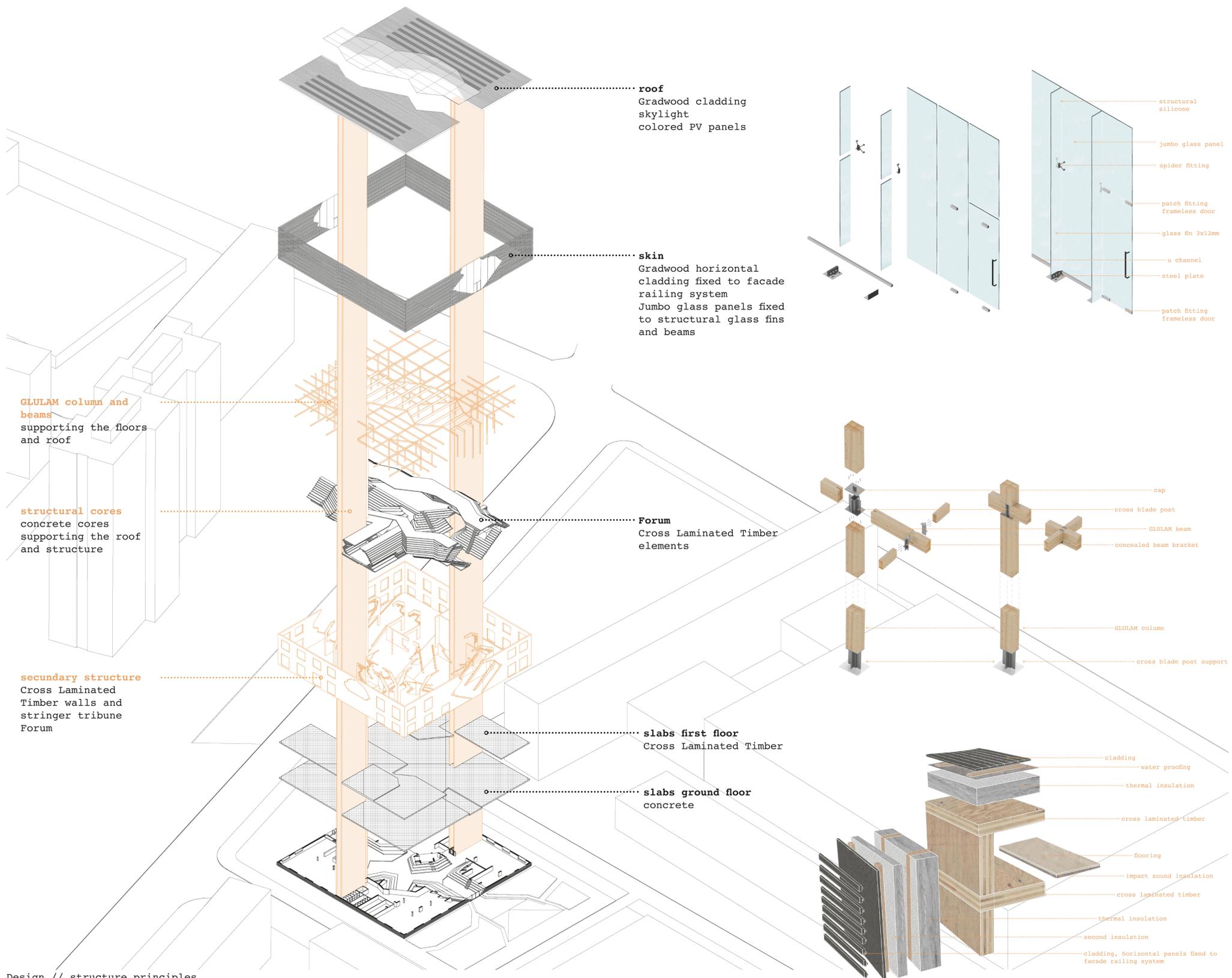
Interior // forum daytime



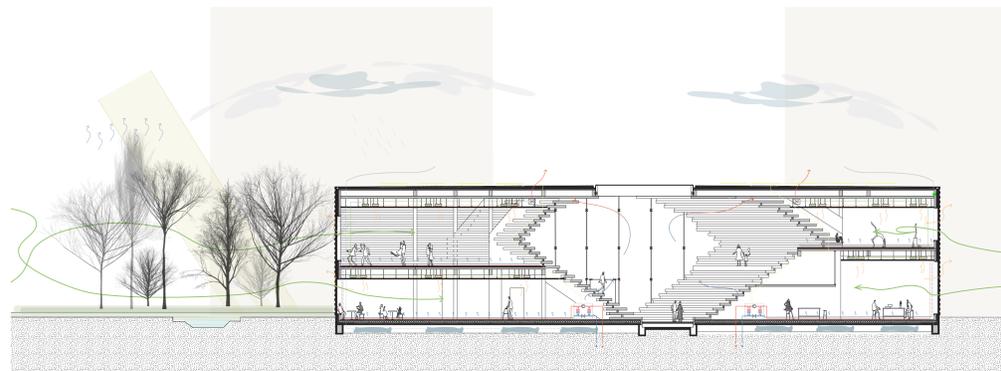
Interior // forum evening

KARREE

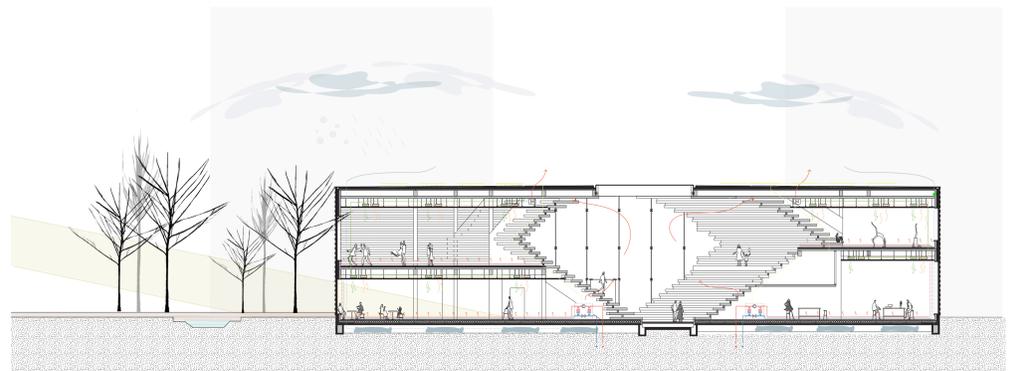
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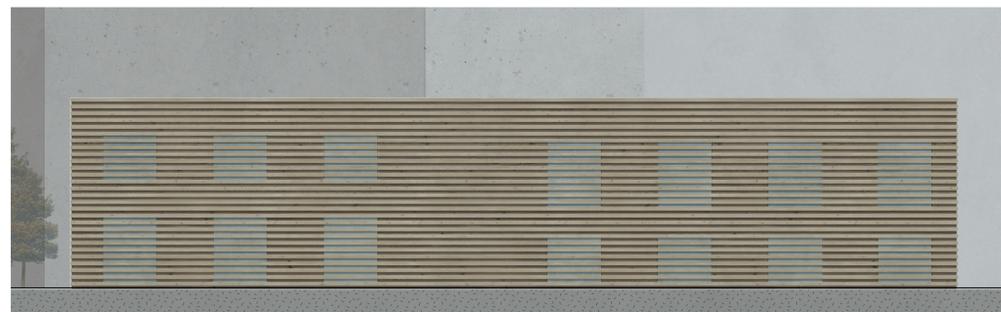
Design // structure principles



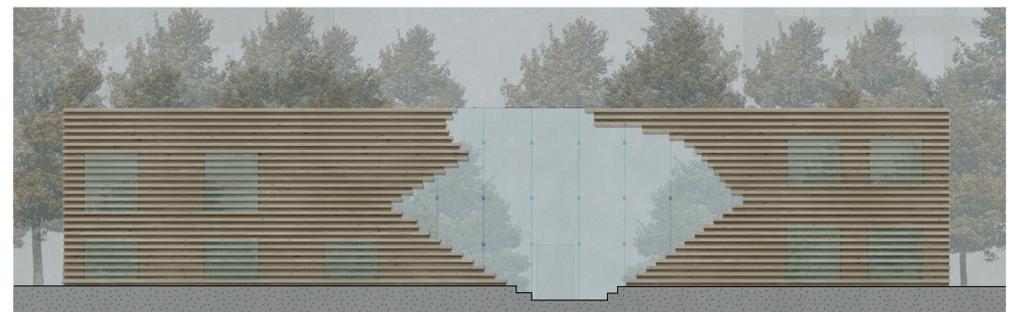
Design // climate summer



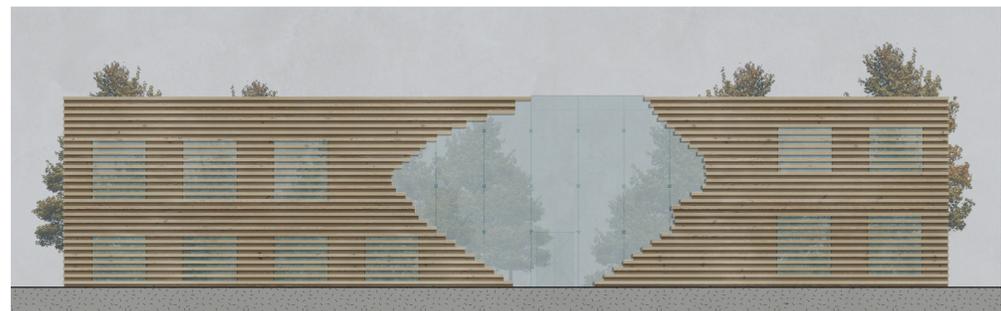
Design // climate winter



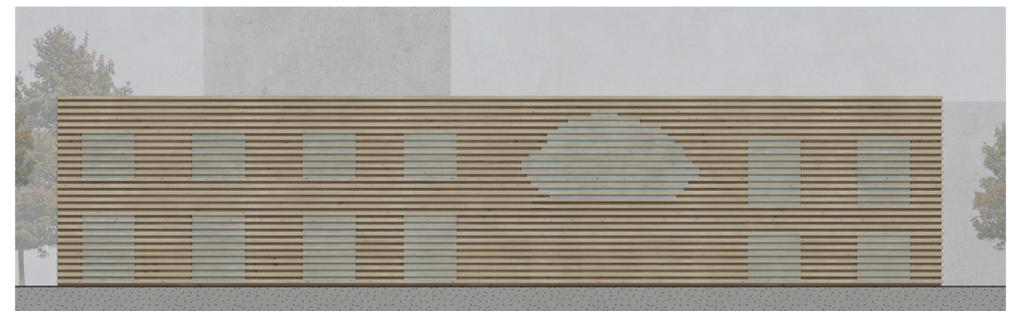
Design // north facade



Design // east facade



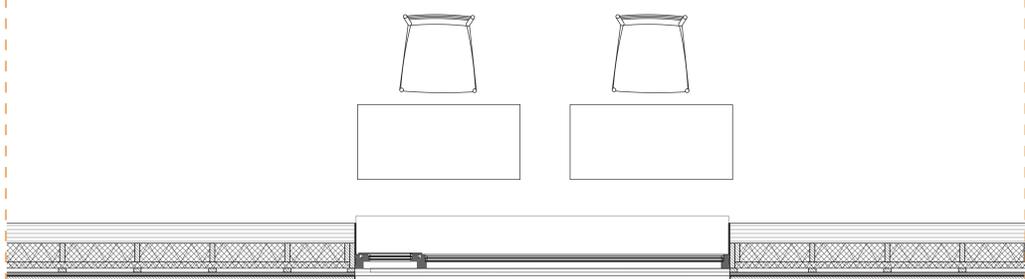
Design // west facade



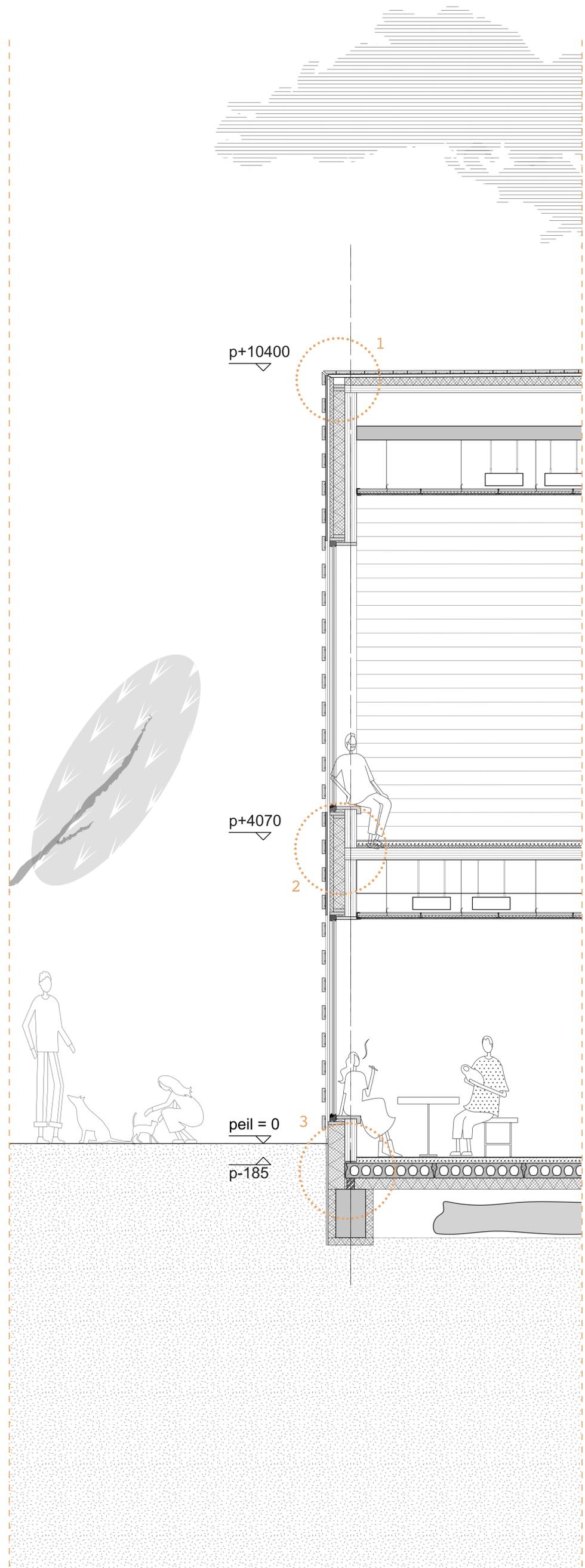
Design // south facade

KARREE

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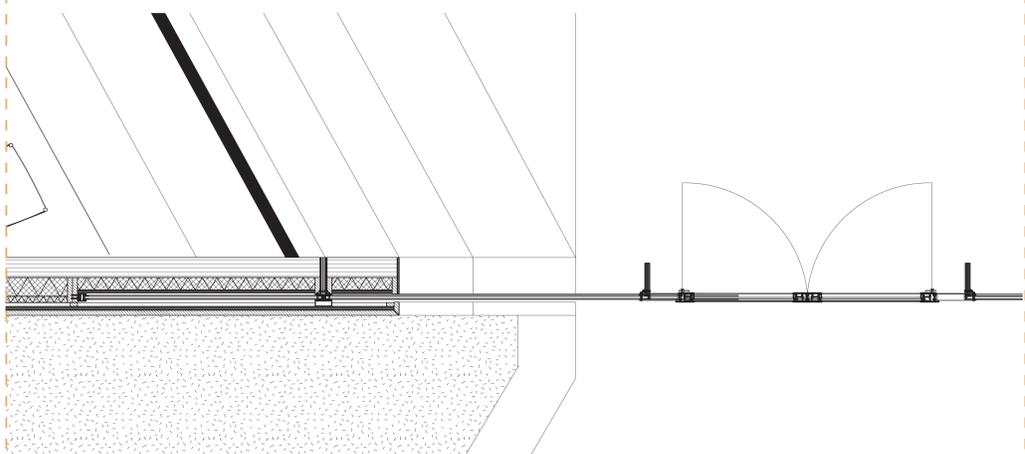


Design // fragment 1
scale 1:20

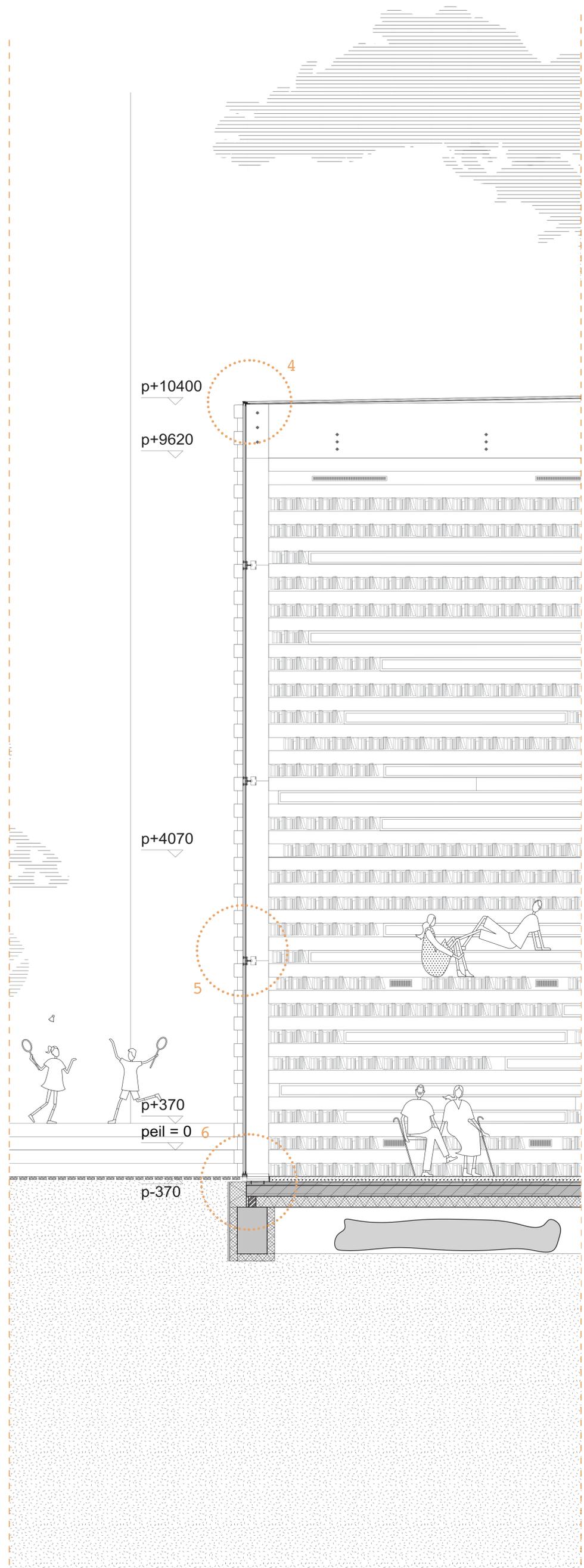


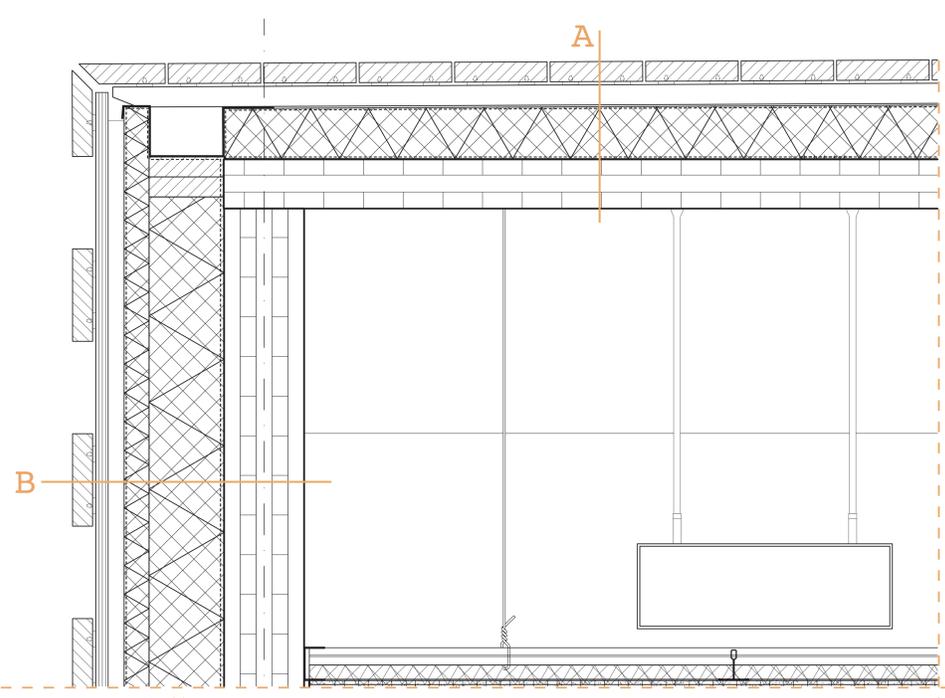
KARREE

Public condenser for social inclusivity
in Friedrichshain, Berlin



Design // fragment 2
scale 1:20

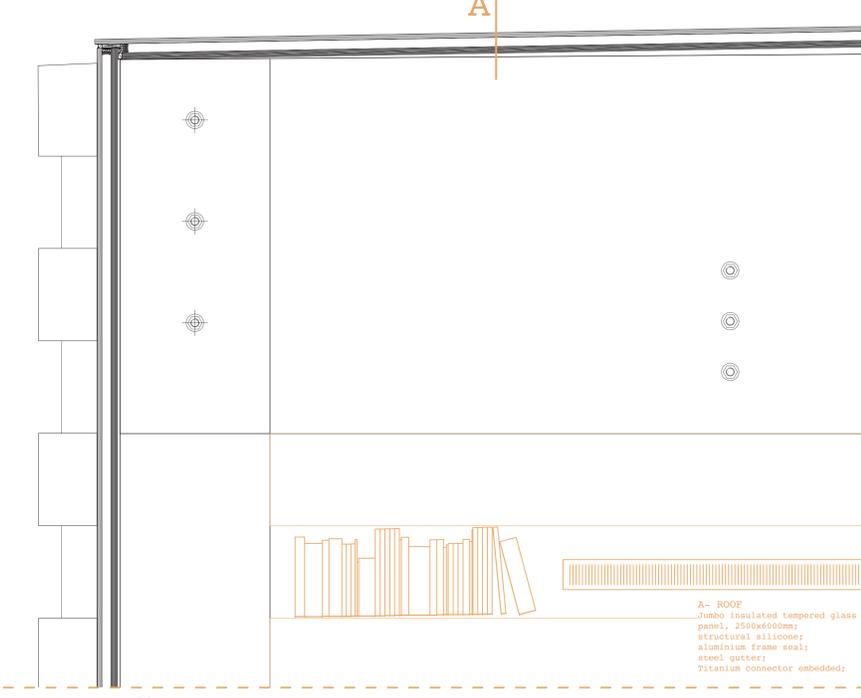




A- ROOF
 Gradwood cladding panels, 40x185mm;
 Gradwood rail system, aluminium
 battens gradwood, 40/50mm;
 Waterproofing black;
 Gutter steel;
 Vapour barrier;
 glass foam insulation 100-200mm;
 Cross Laminated Timber, 160mm;
 Glulam beam;
 Installation space, 85mm;
 Metal frame mounting system;
 Acoustic ceiling: 19m spruce three
 layer panel, perforated 20mm soft
 wood fibre insulation

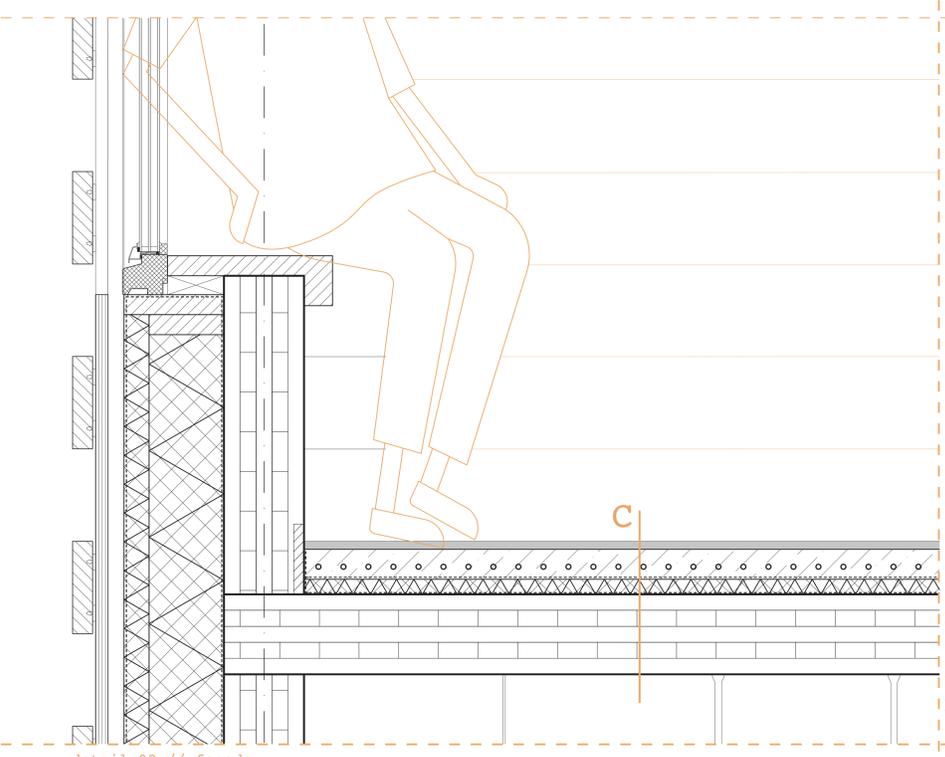
B- FACADE
 Insulated triple glazing;
 Combo open and fixed timber window
 frame;
 Window sill, gradwood, planed solid;
 Horizontal cladding, gradwood, 185-
 40mm;
 Gradwood rail system, aluminium
 Gradwood solid panels, 25mm;
 Battens 32x60mm;
 Windproofing;
 Thermal insulation, 50mm;
 Thermal insulation between studs
 150mm;
 Vapour Barrier;
 Cross Laminated Timber 160mm,
 exposed;

detail 01 // roof
 scale 1:5



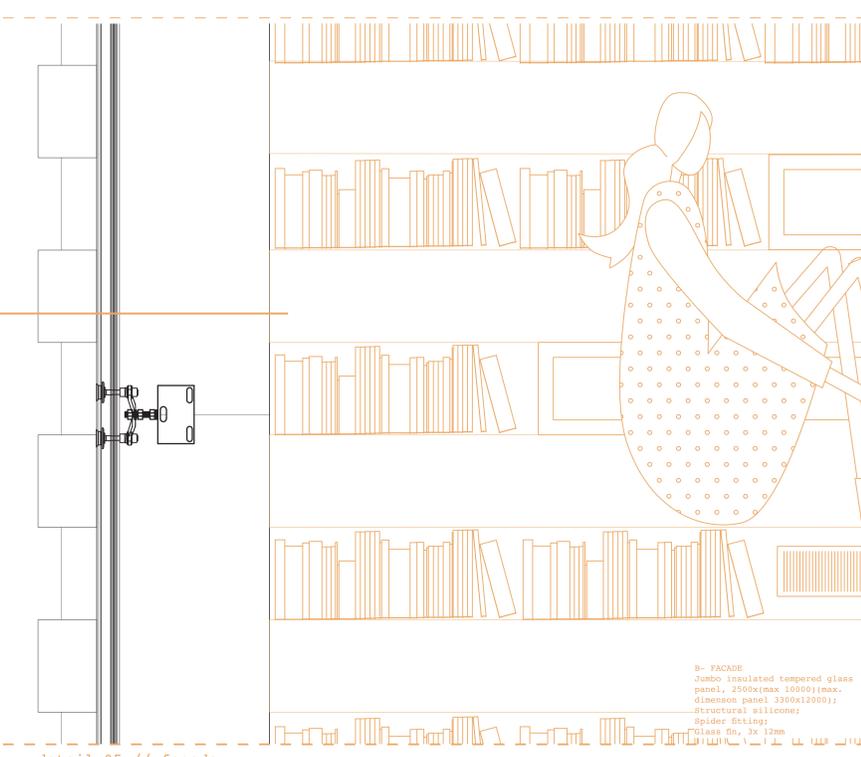
A- ROOF
 Jumbo insulated tempered glass
 panel, 2500x4000mm;
 structural silicone;
 aluminium frame seal;
 steel gutter;
 Titanium connector embedded;

detail 04 // roof
 scale 1:5



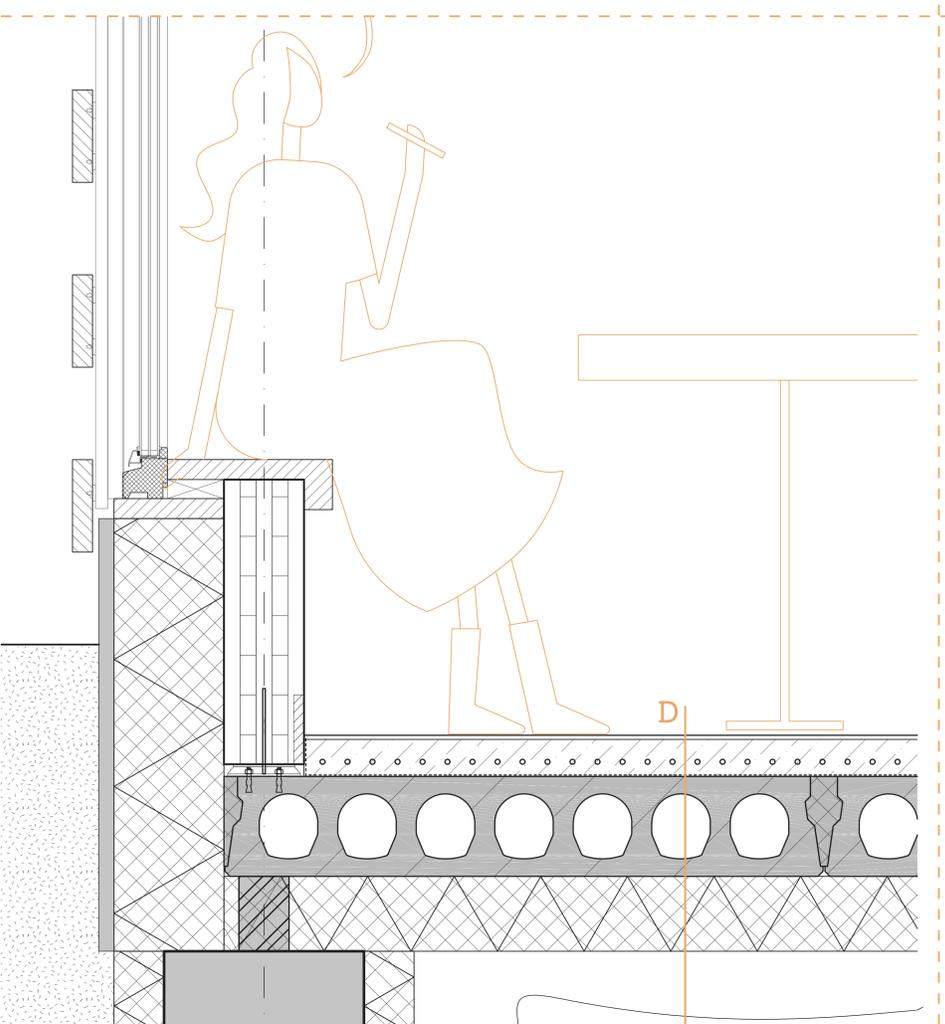
C-FLOOR
 Timber floor parqué, 16mm;
 Heating screed, 74mm;
 Separating layer;
 Impact sound insulation, 30mm;
 Sealing;
 Cross laminated timber 160mm;
 Installation space, 60mm;
 Metal frame mounting system;
 Acoustic ceiling: 19m spruce
 three-layer panel, perforated 20mm
 soft wood fibre insulation;

detail 02 // facade
 scale 1:5



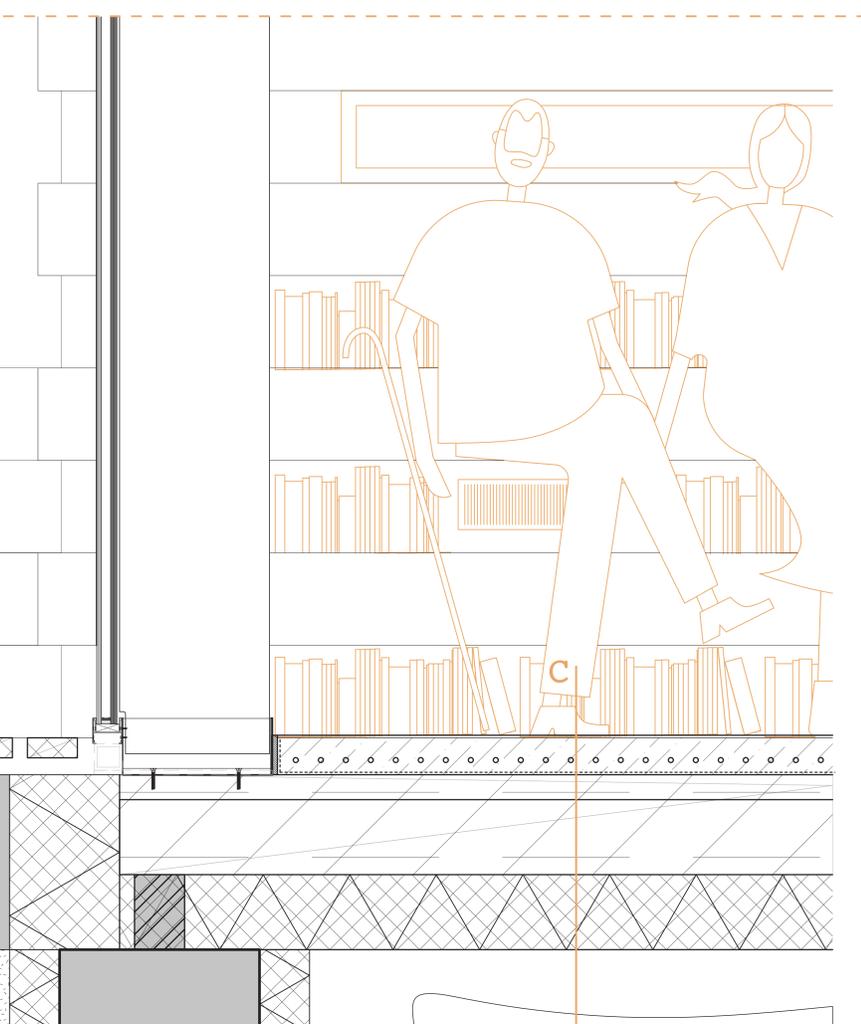
B- FACADE
 Jumbo insulated tempered glass
 panel, 2500(max 10000)max.
 dimension panel 3300x12000);
 structural silicone;
 spider fitting;
 Glass fin, 3x 12mm

detail 05 // facade
 scale 1:5



D- GROUND FLOOR
 Levelling compound, 5mm;
 Heating screed, 74mm;
 Separating layer;
 Impact sound insulation, 30mm;
 Sealing;
 Precast core floor slab, 300mm;
 Styrofoam base plinth;
 Thermal insulation, 150mm;
 Justinibus Rainwater system;

detail 03 // groundfloor
 scale 1:5



C- GROUND FLOOR
 Glass fin, 3x 12mm;
 U-channel;
 Steel plate anchored;
 Levelling compound, 5mm;
 Heating screed, 74mm;
 Separating layer;
 Impact sound insulation, 30mm;
 Sealing;
 Precast core floor slab, 300mm;
 Styrofoam base plinth;
 Thermal insulation, 150mm;
 Justinibus Rainwater system;

detail 06 // groundfloor
 scale 1:5