

Heerlen - Welcome Centre



FOOD MARKET

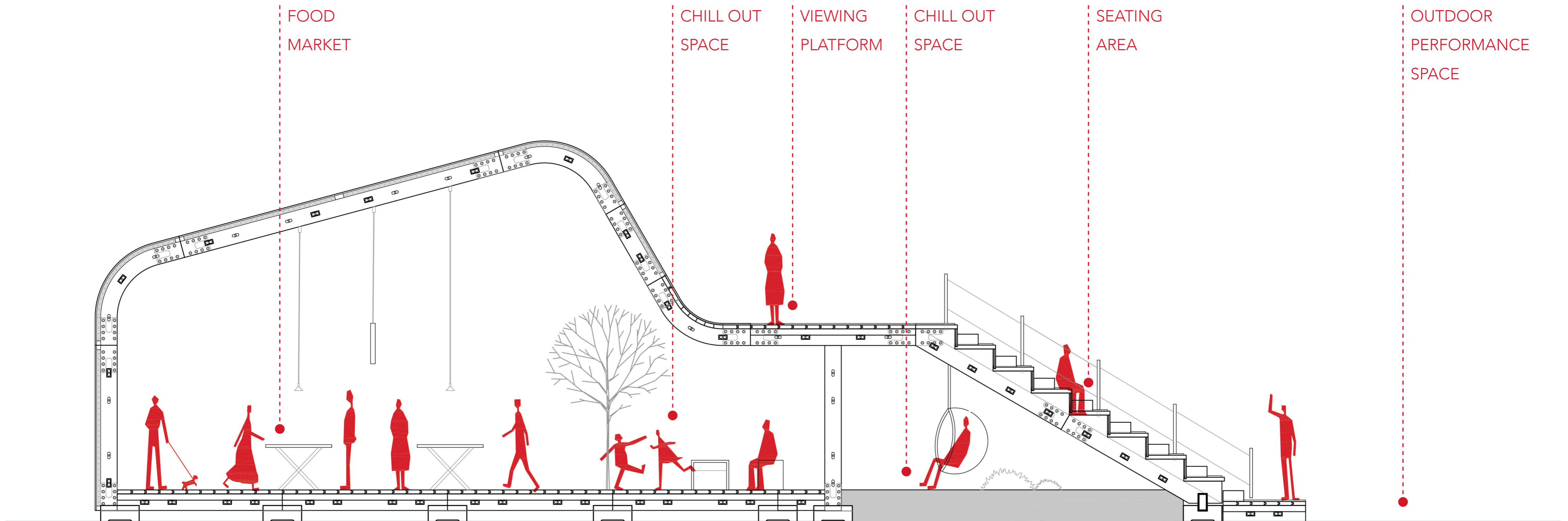
CHILL OUT SPACE

VIEWING PLATFORM

CHILL OUT SPACE

SEATING AREA

OUTDOOR PERFORMANCE SPACE



Section A

SCALE 1:50

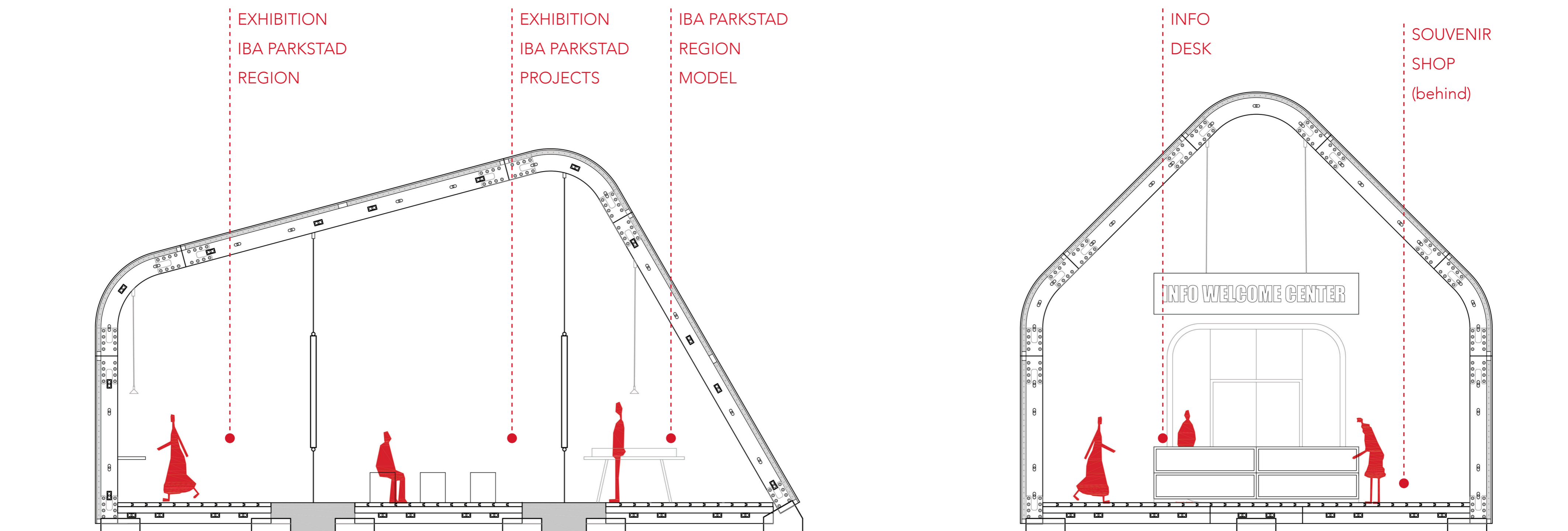
EXHIBITION
IBA PARKSTAD
REGION

EXHIBITION
IBA PARKSTAD
PROJECTS

IBA PARKSTAD
REGION
MODEL

INFO
DESK

SOUVENIR
SHOP
(behind)



Section B

SCALE 1:50

Section C

SCALE 1:50

powered by innovation
INTECTURE



Manuela Borges

Tutors: A. Snijders, F. Koopman & M. Stellingwerf

29th September, 2017

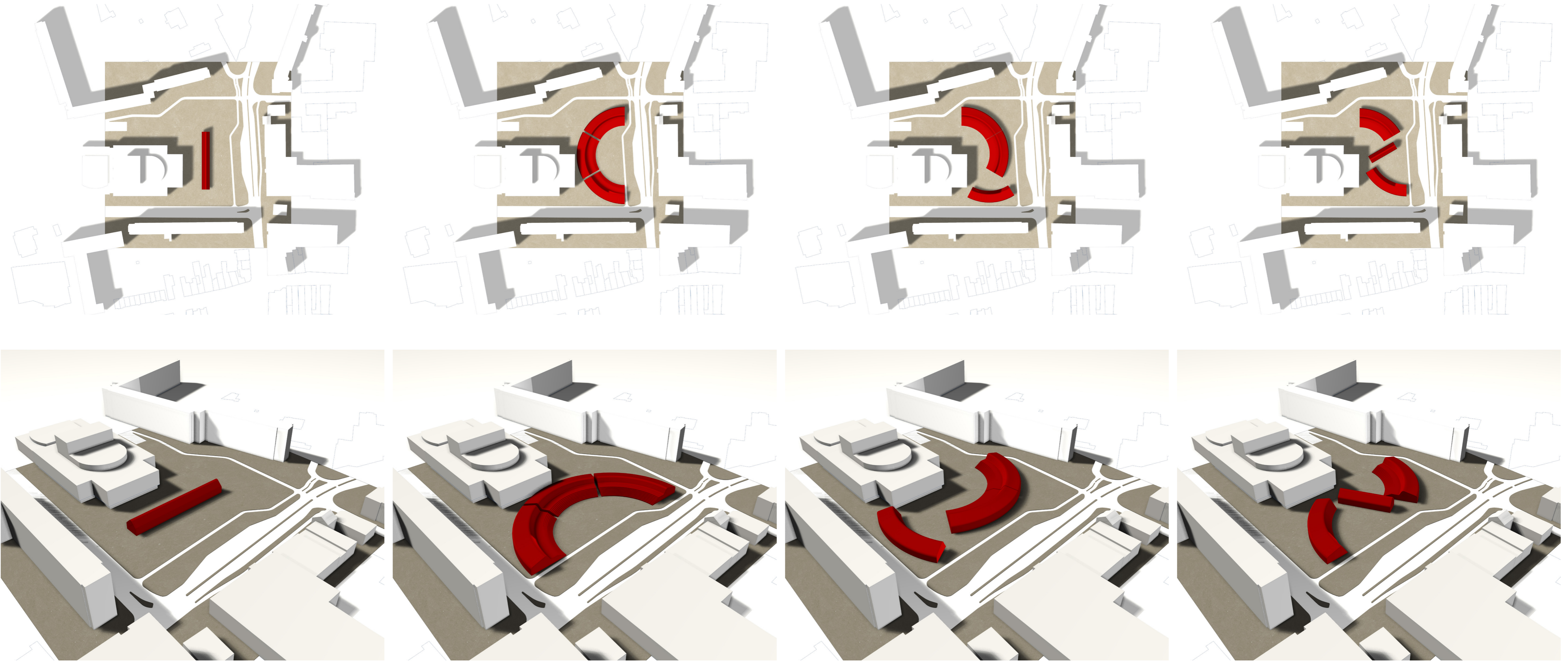
0647764700

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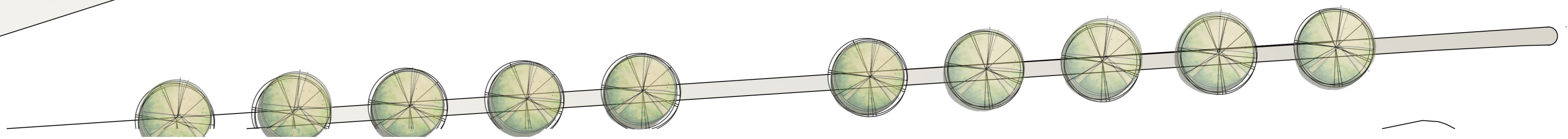
TU Delft

Massing and Urban Study

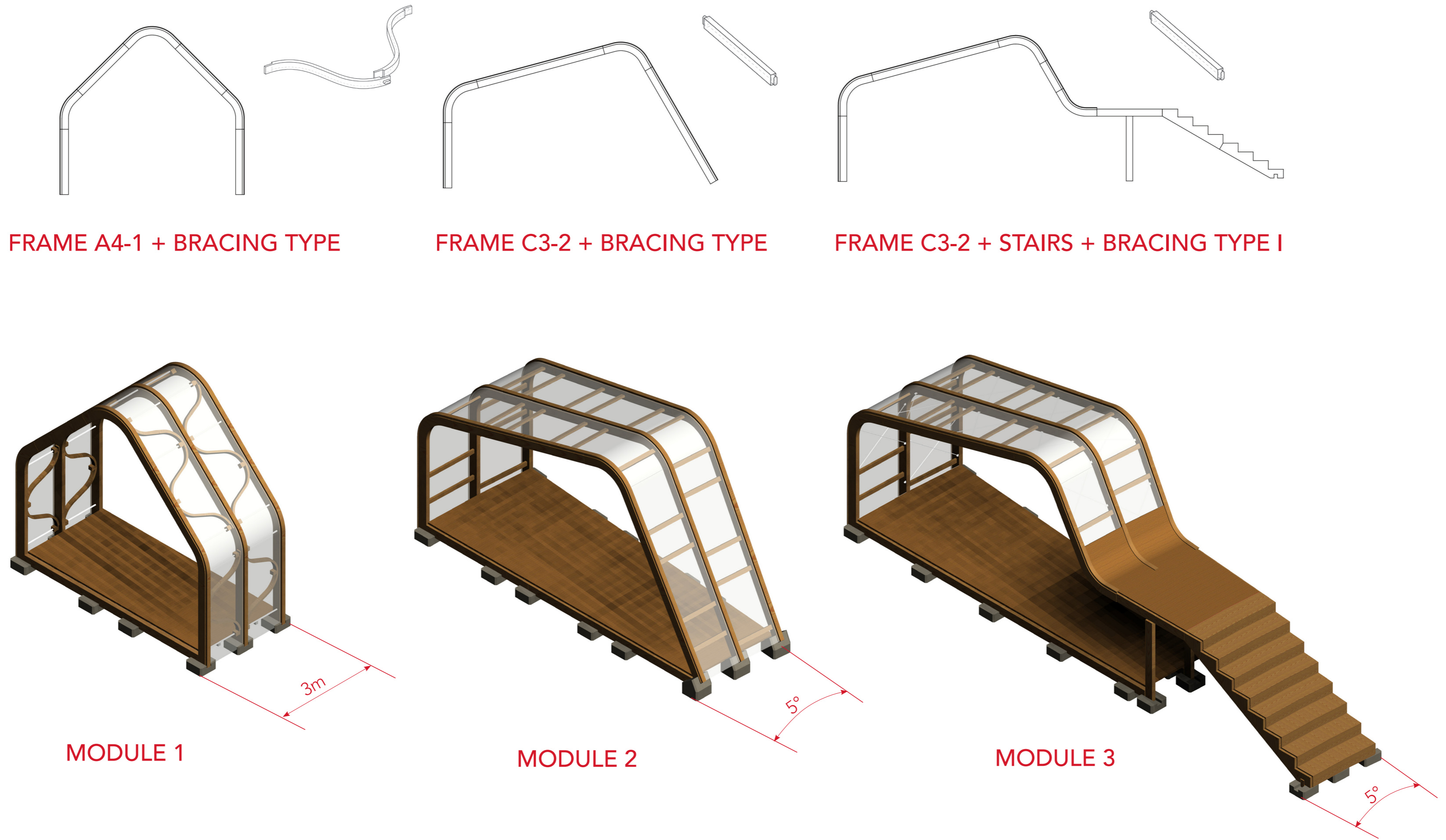


Floor Plan

SCALE 1:250



Toolbox use for modules creation



Exploded Axonometric

MODULAR FACADE SLIDING SYSTEM

BRACING (TYPE III)

LAMINATED AND ACETYLATED WOOD FRAME

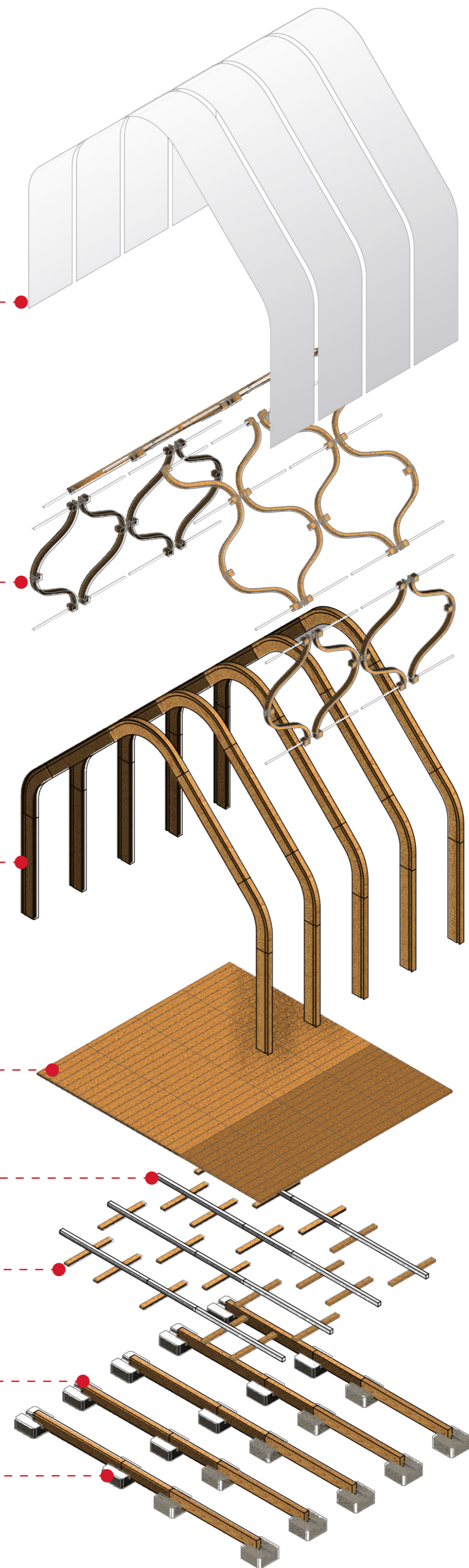
WOOD DECKING (TONGE AND GROOVE CONNECTION)

WOOD PURLINS

BRACING (TYPE I)

LAMINATED AND ACETYLATED WOOD BEAM

LIGHTWEIGHT CONCRETE FOOTING

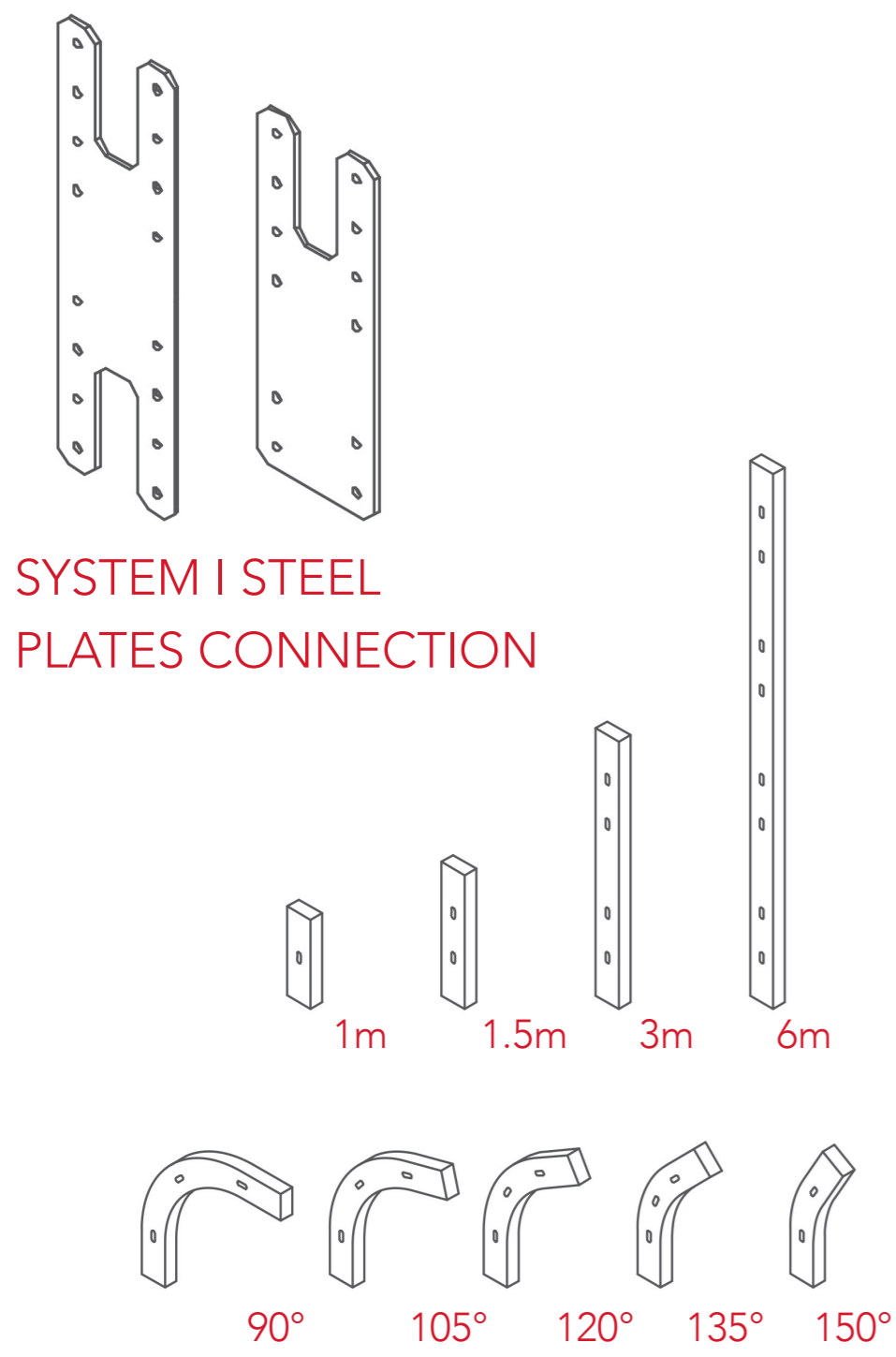


Toolbox

Primary Structure - Main members and connections

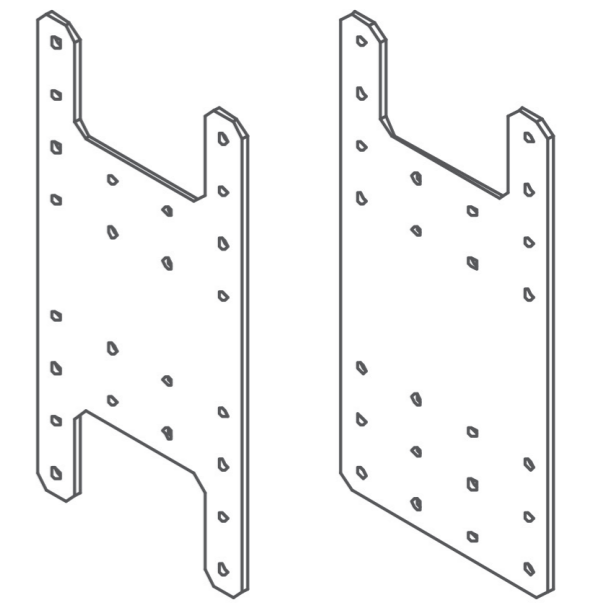
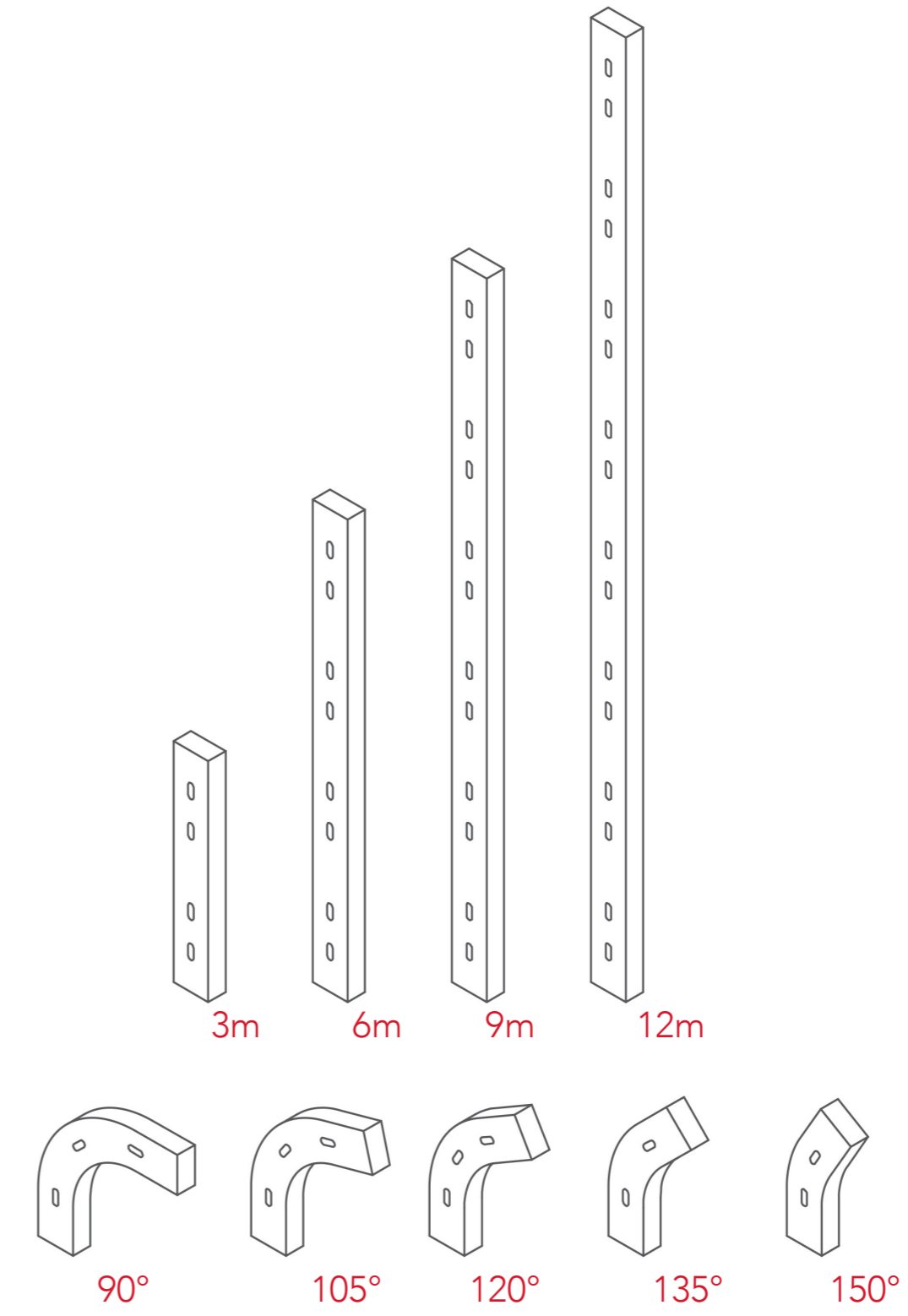
SYSTEM I:
sectional profile 300x150mm

sectional profile 400x150mm



SYSTEM I STEEL PLATES CONNECTION

SYSTEM II:
sectional profile 500x250mm



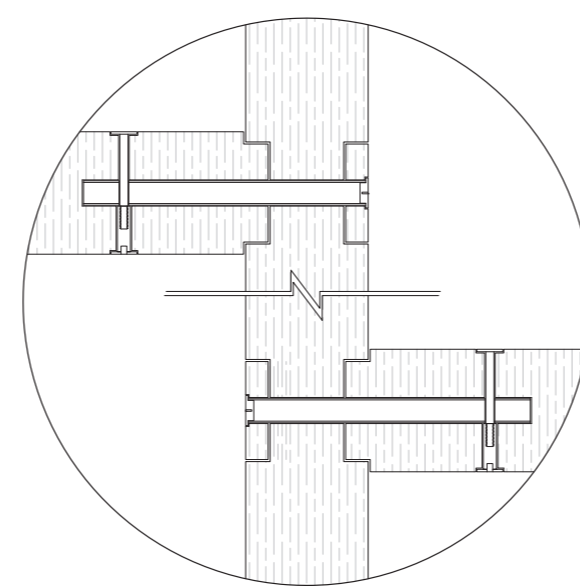
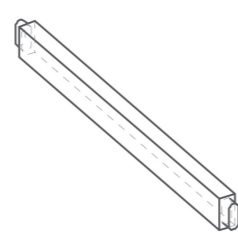
SYSTEM II STEEL PLATES CONNECTION



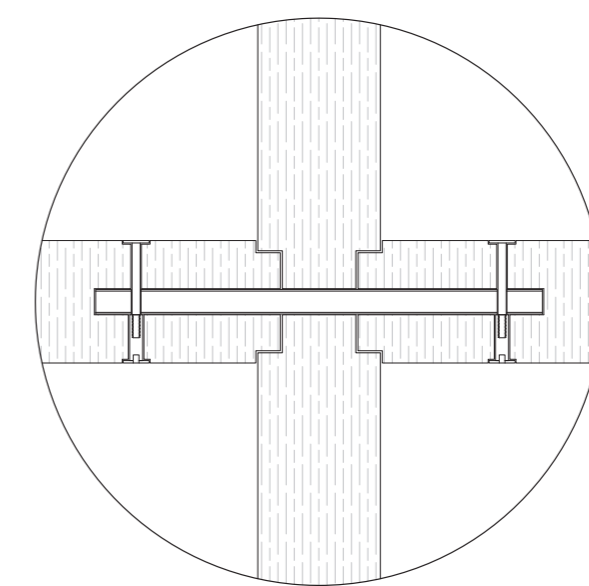
EXPANSION BOLT

Secondary Structure - Bracing and connections

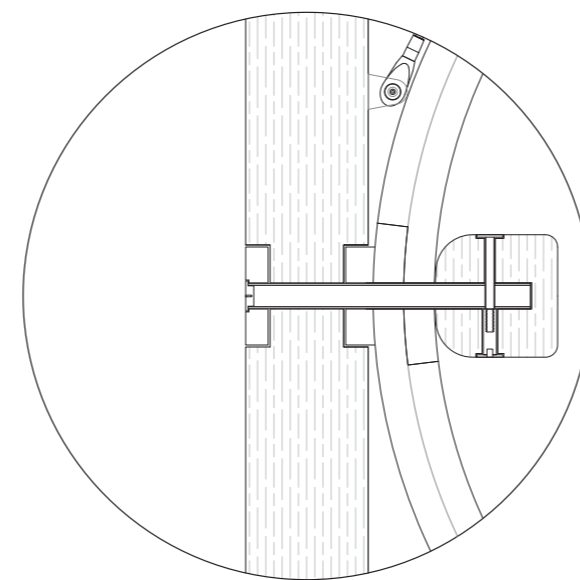
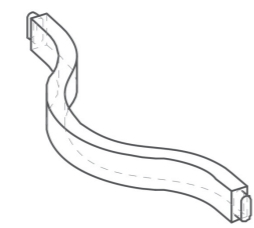
BRACING TYPE I



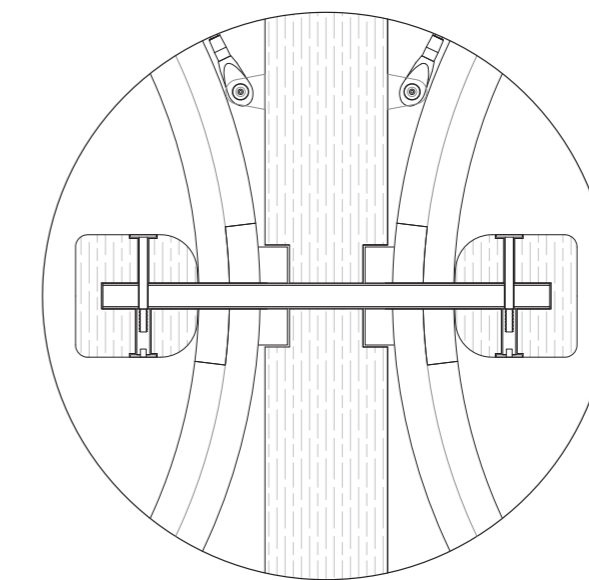
CONNECTION FOR BRACING TYPE I OR TYPE II



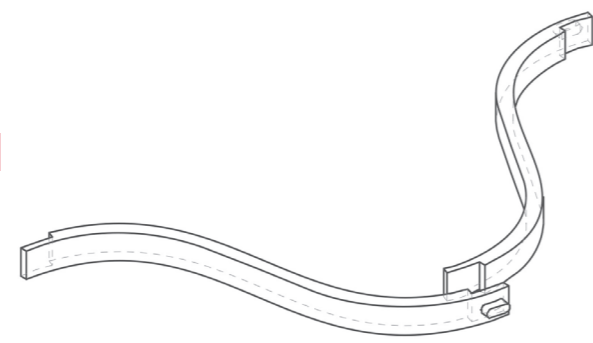
BRACING TYPE II



CONNECTION FOR BRACING TYPE III



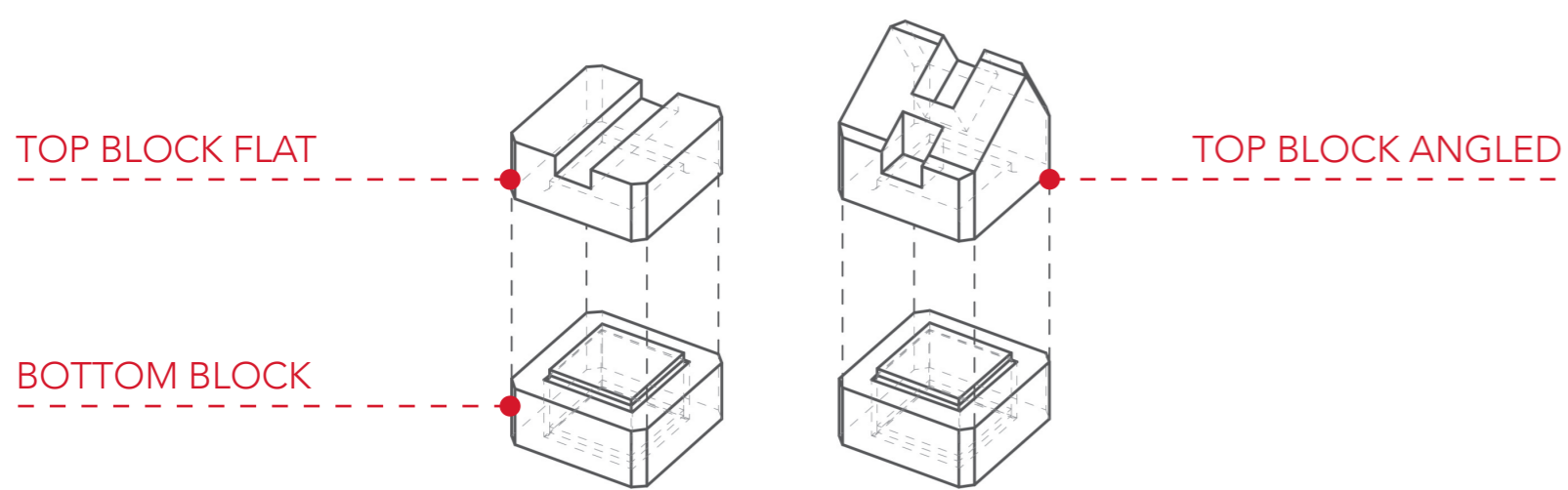
BRACING TYPE III



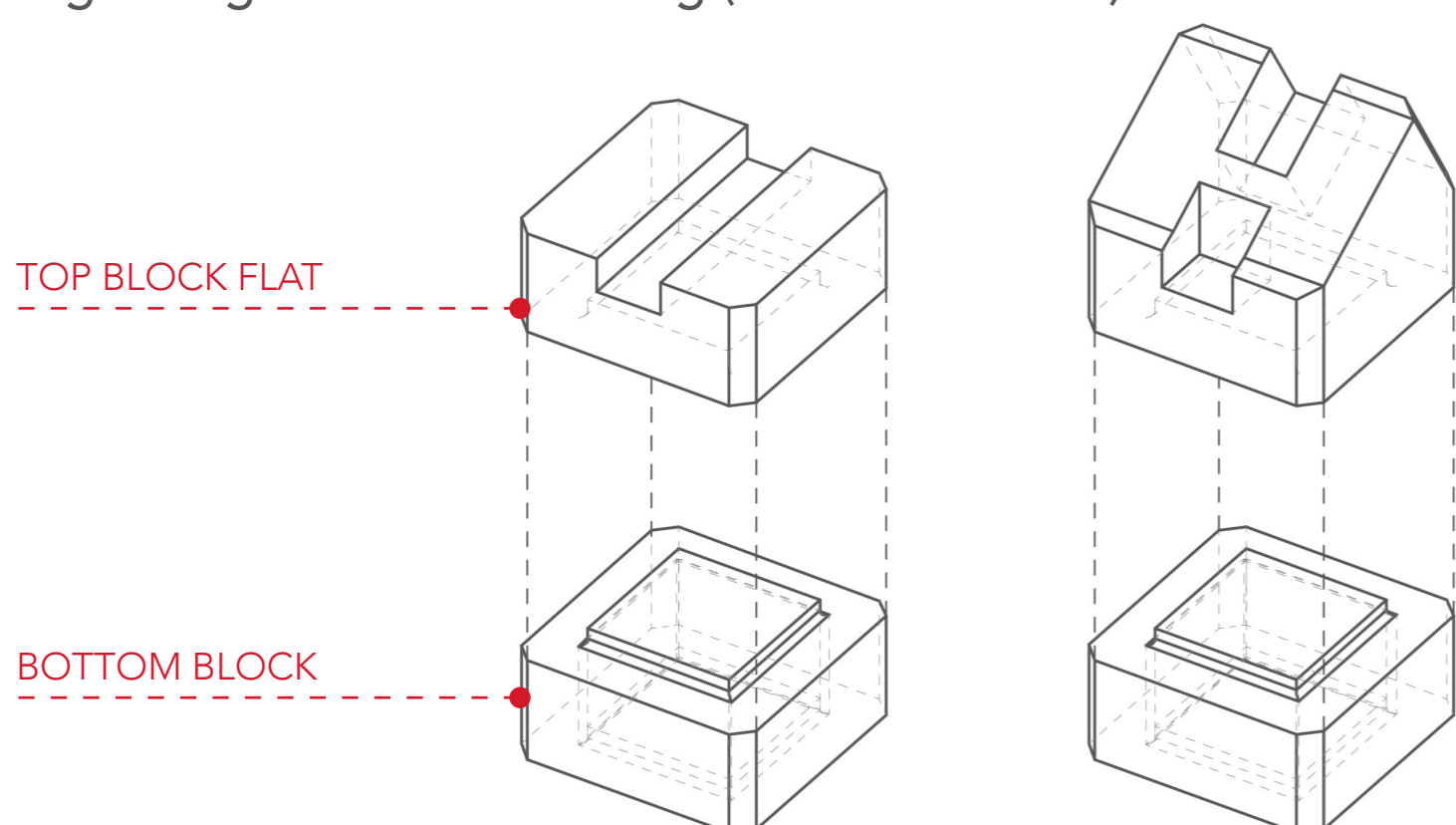
HOLLOW ALUMINUM CONNECTION

Stackable Foundation

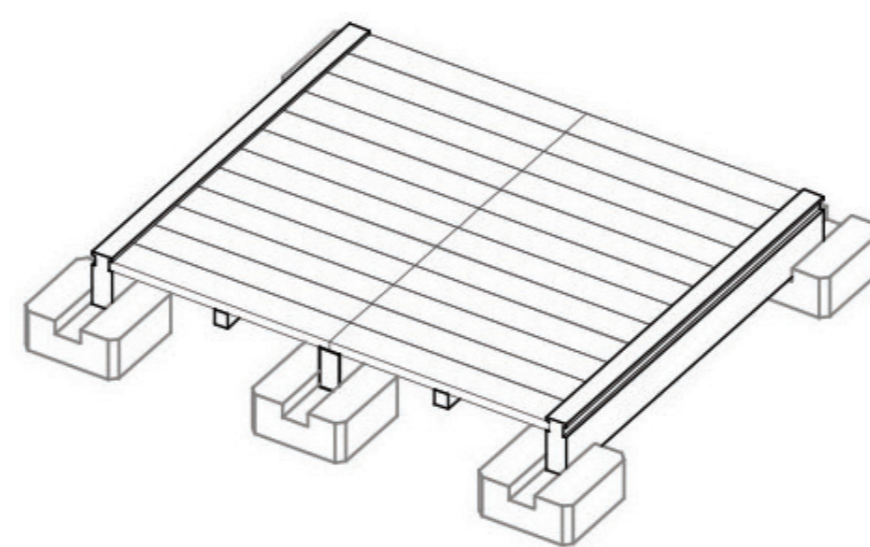
SYSTEM I
Lightweight concrete footing (700 x 700mm)



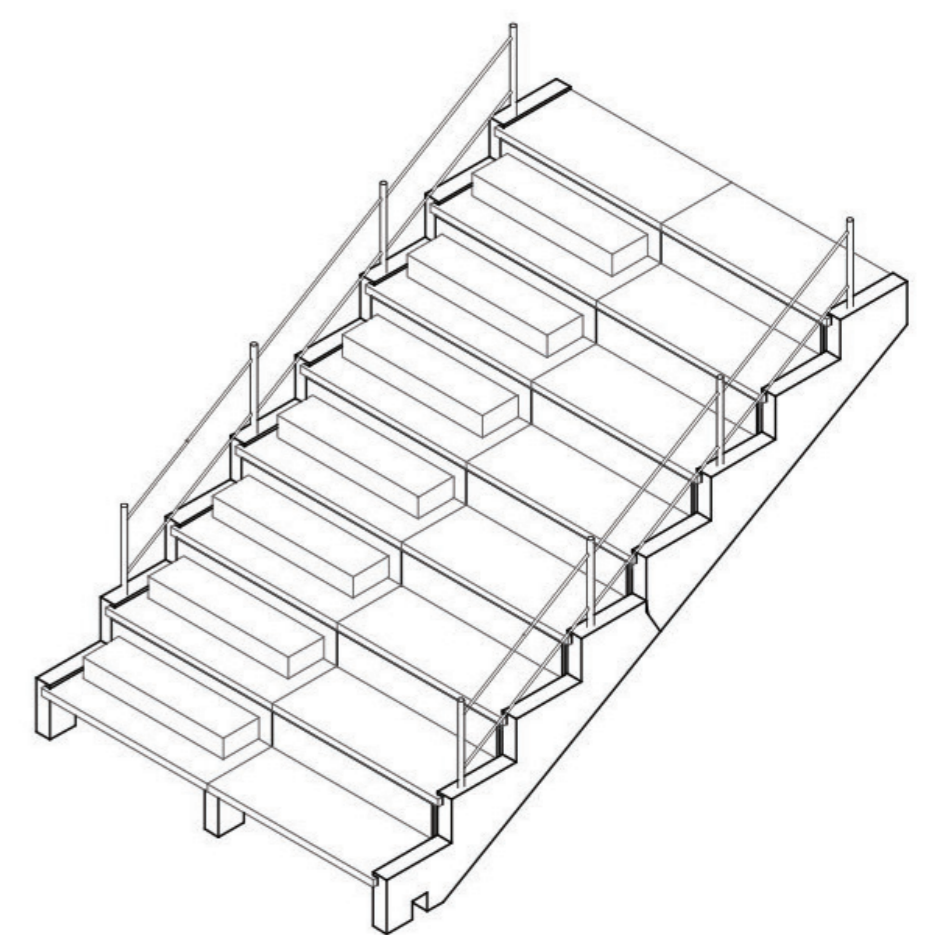
SYSTEM II
Lightweight concrete footing (1200 x 1200mm)



Modular floor system



Modular stairs system



powered by innovation
INTECTURE



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