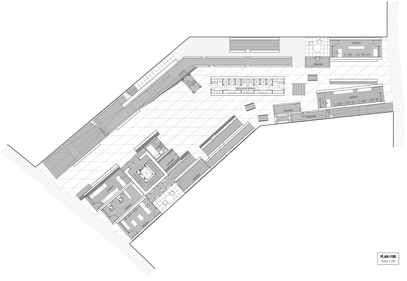
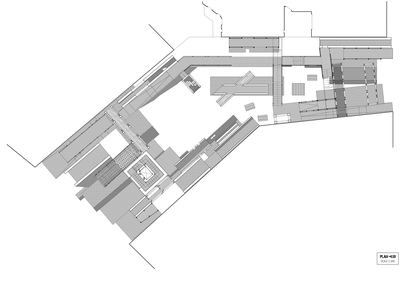
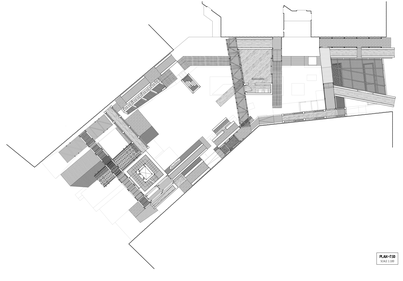
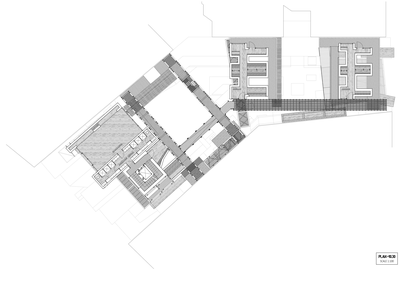
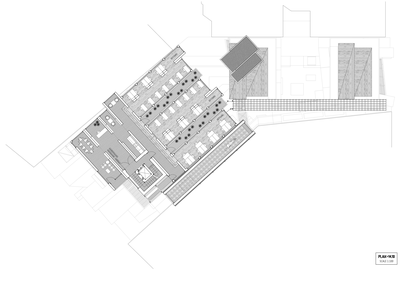
SITE PLAN
SCALE 1:500

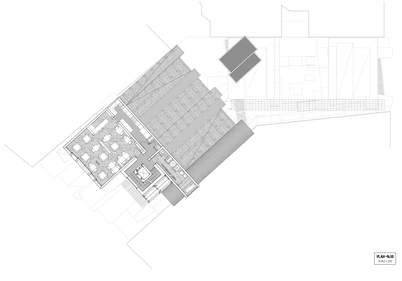

PLAN 4.08
FLOOR 1.08

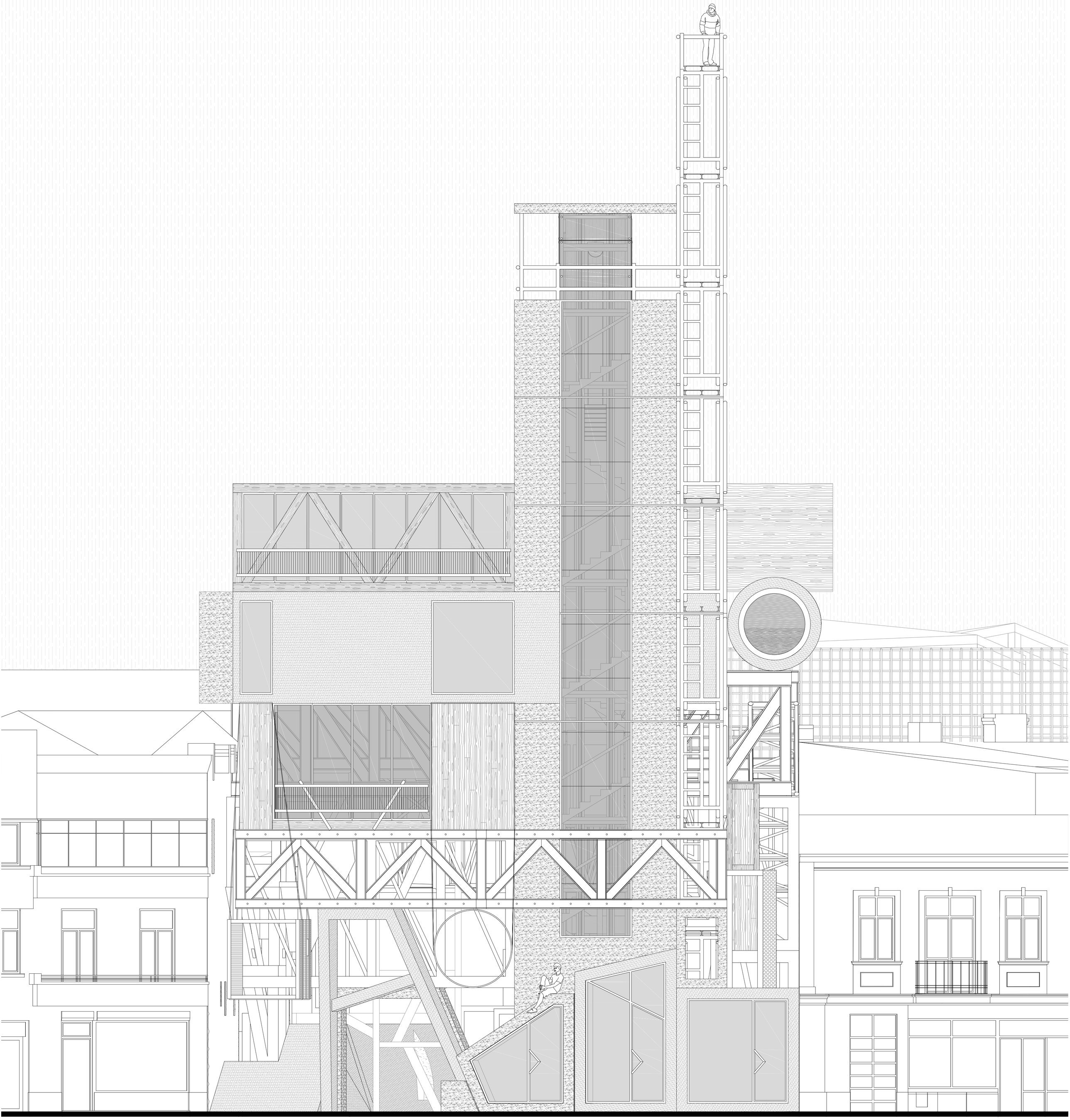

PLAN 4.09
FLOOR 1.09


PLAN 4.10
FLOOR 1.10


PLAN 4.11
FLOOR 1.11

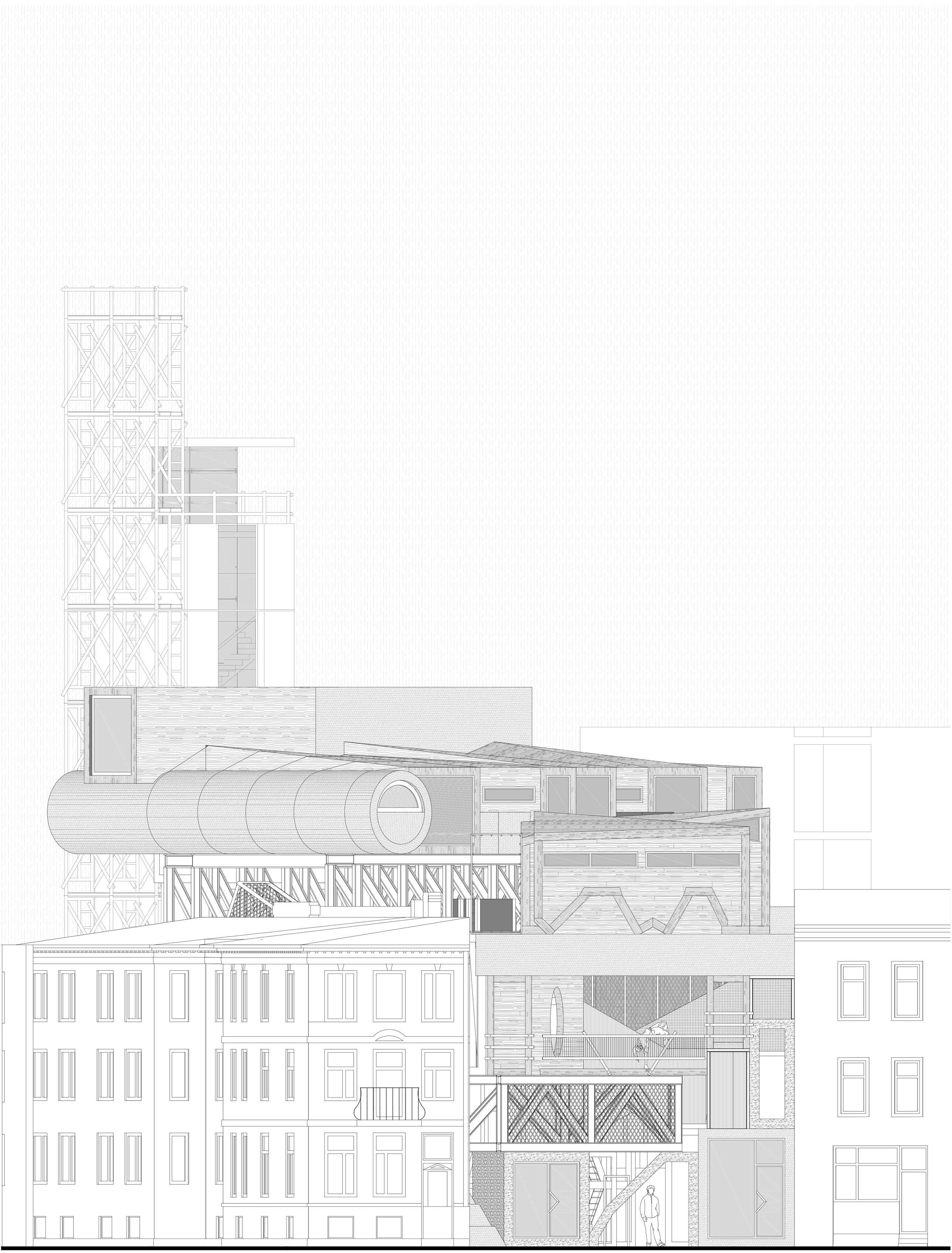

PLAN 4.12
FLOOR 1.12


PLAN 4.13
FLOOR 1.13

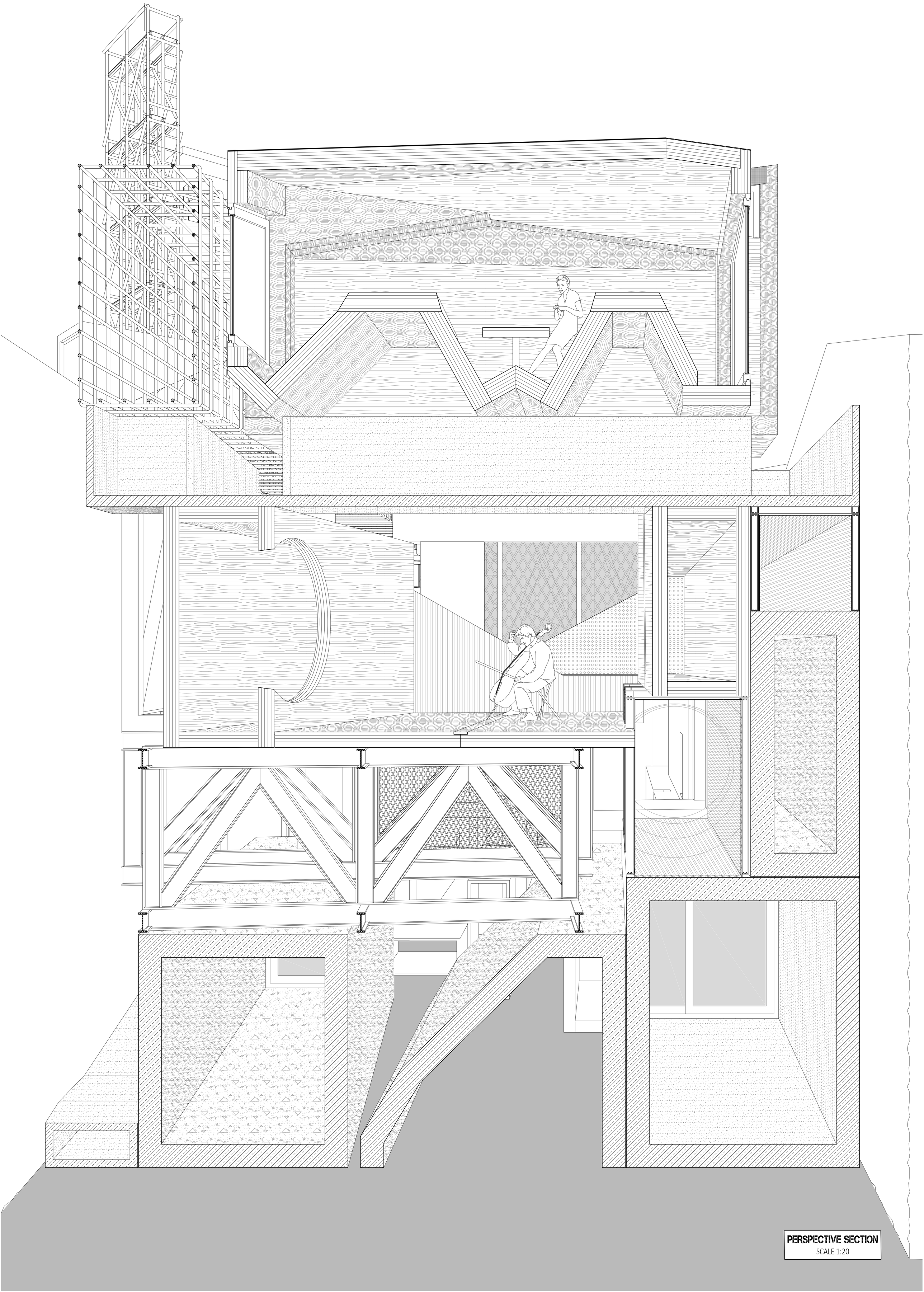


ELEVATION STRADA COLTEI

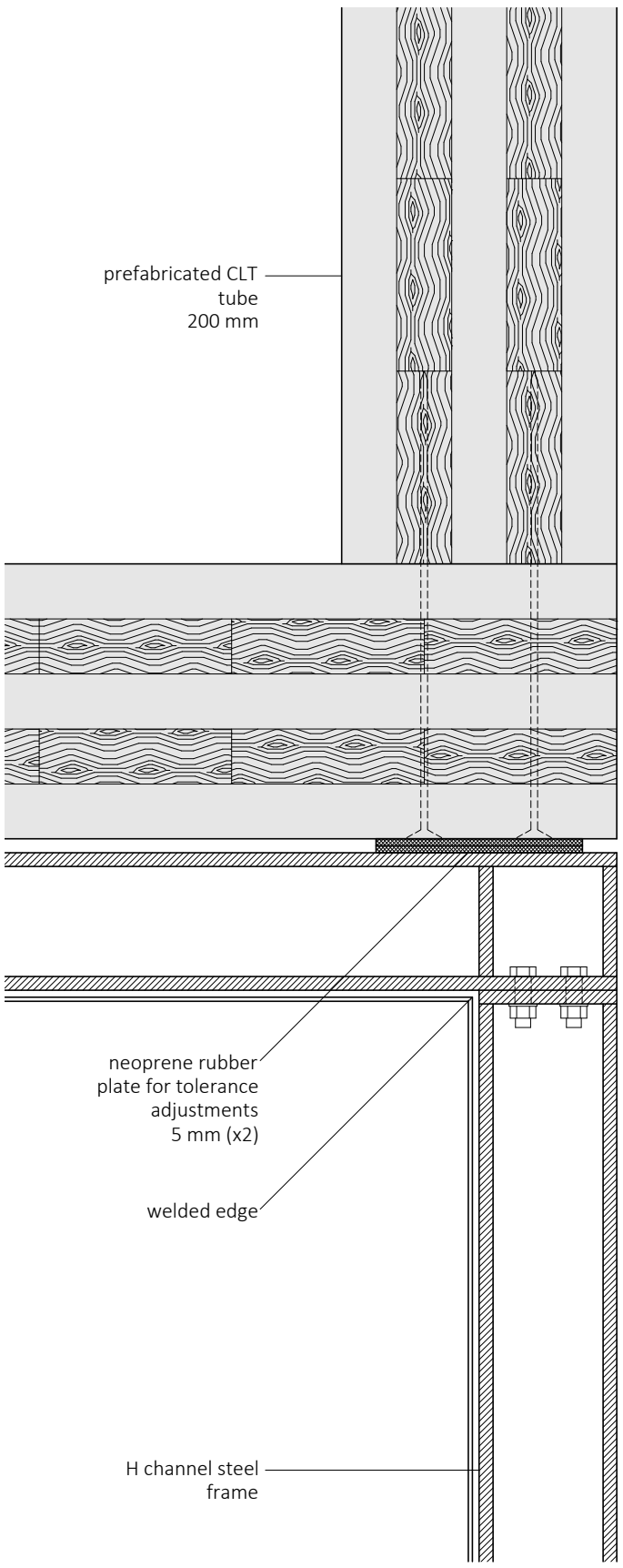
SCALE 1:50

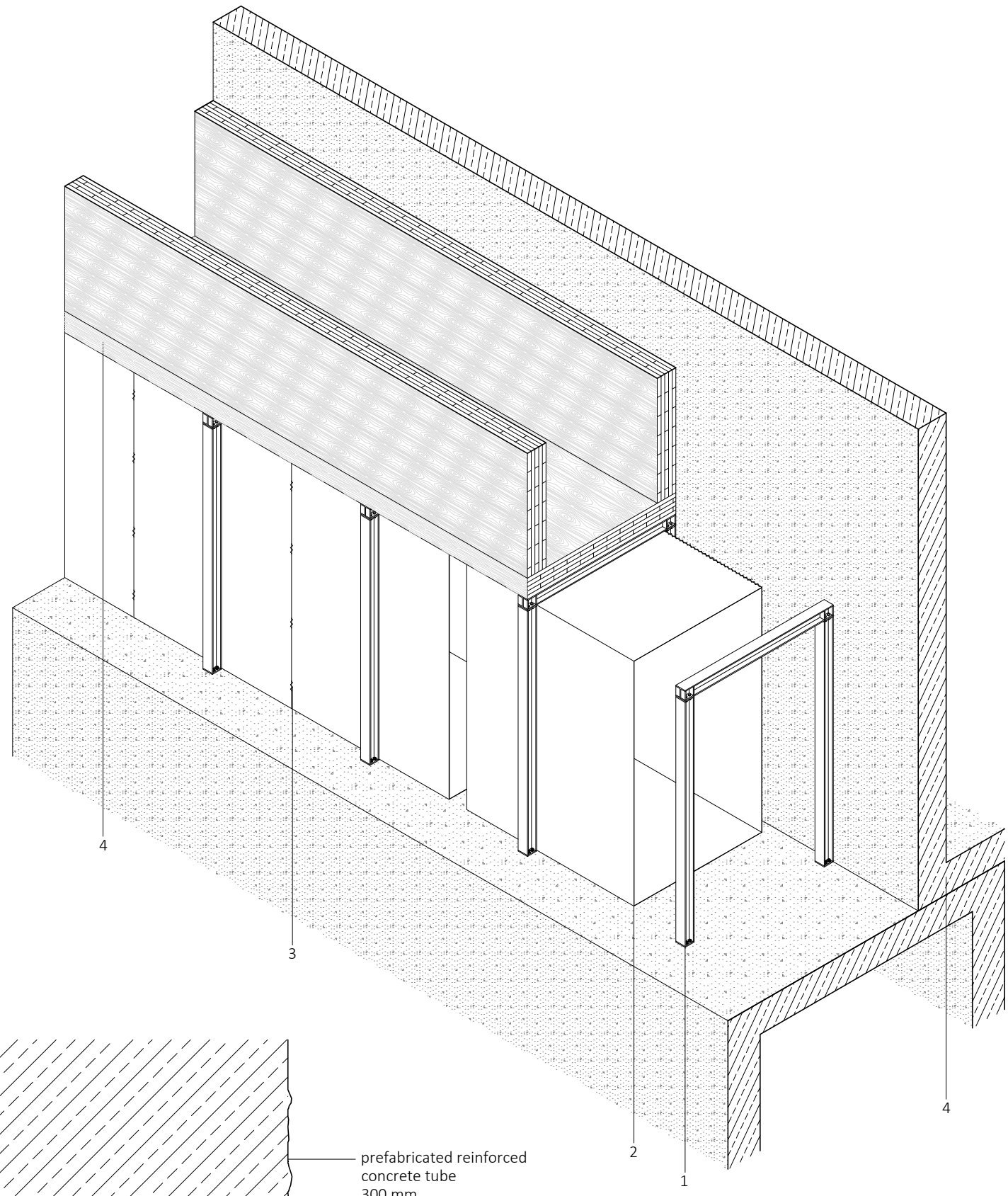


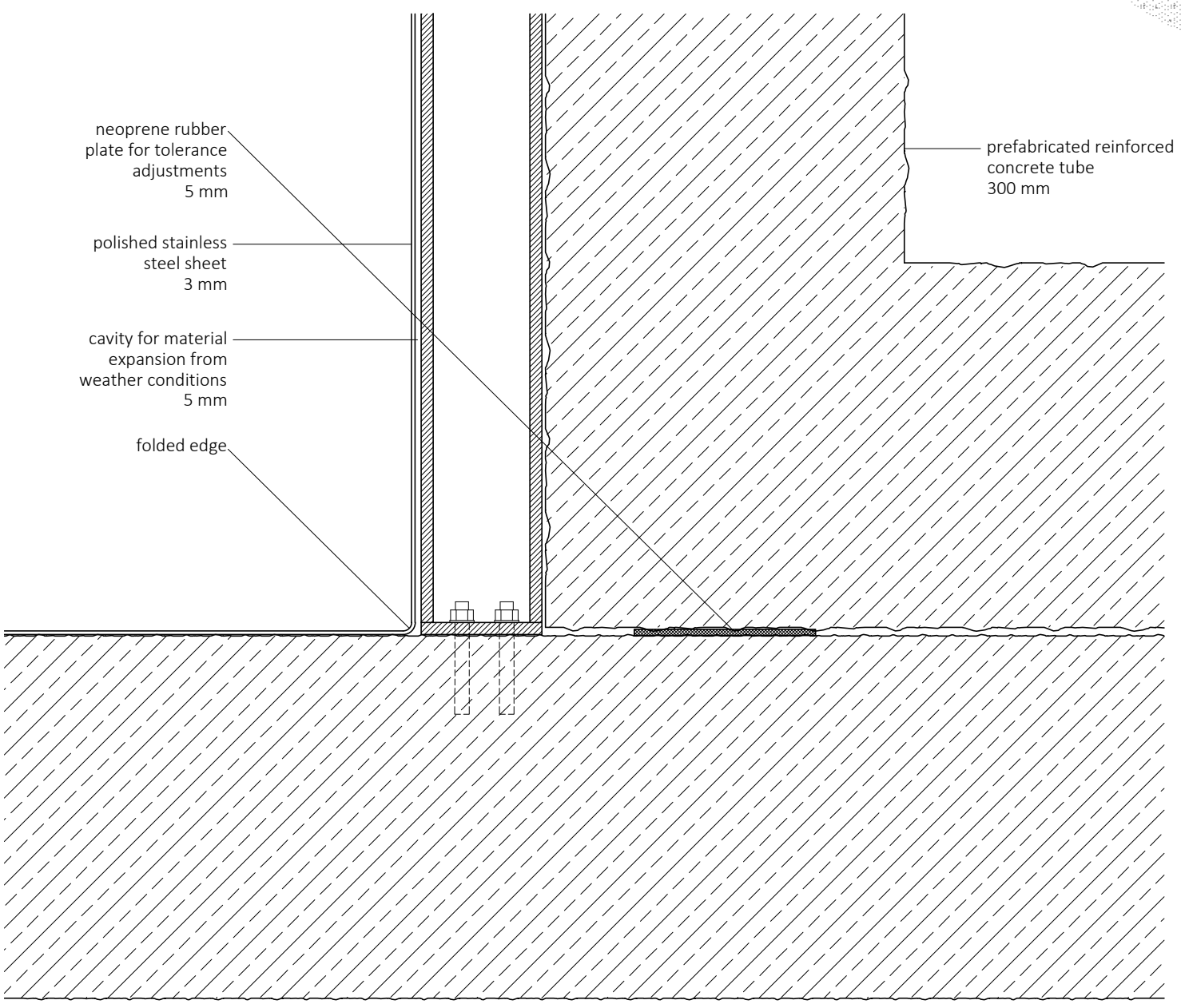
ELEVATION STRADA GENERAL
EMANOIL ION FLORESCU
SCALE 1:50



PERSPECTIVE SECTION
SCALE 1:20





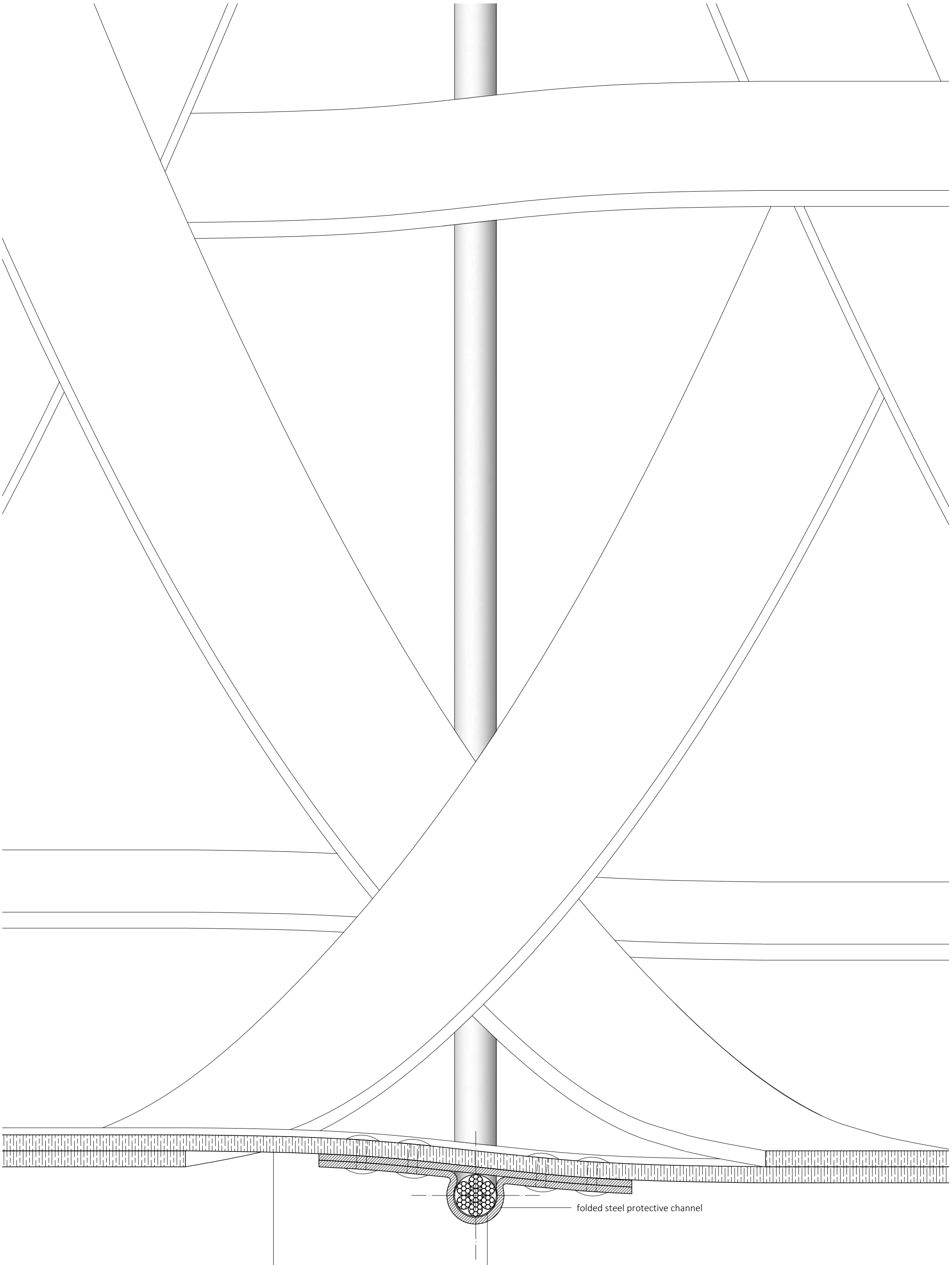


INSTALATION PROCESS

1. Fixing steel frames on site
2. Inserting steel sheet components folded and welded in factory
3. Welding components together on the outside surfaces
4. Adding following components of the building

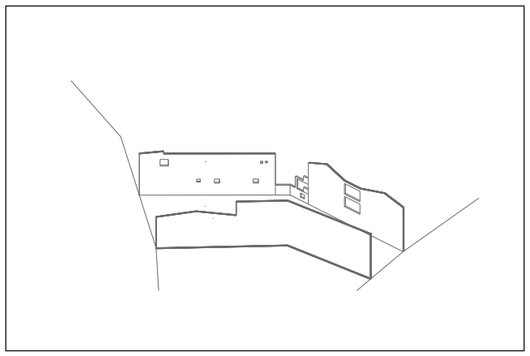
DETAIL: STEEL FRAME TUBE

SCALE 1:5



DETAIL:WOVEN WOODEN TUBE

SCALE 1:1



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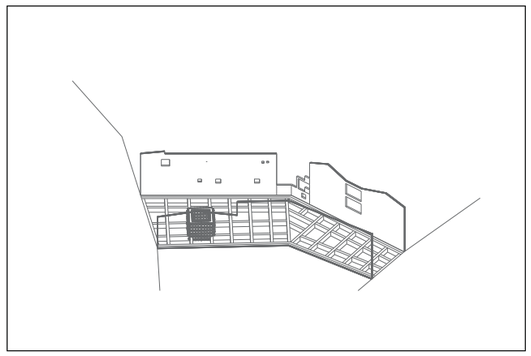
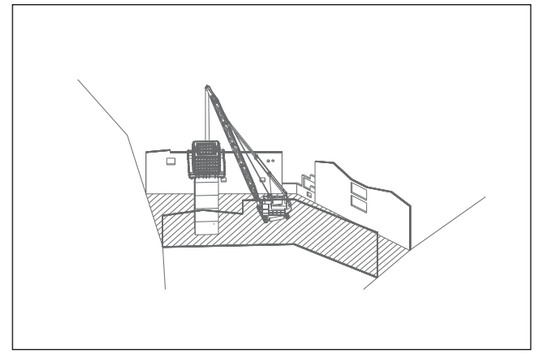


1.



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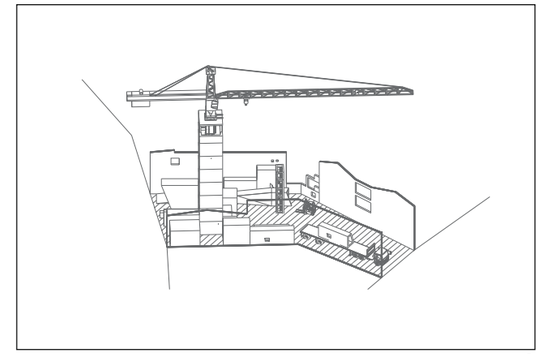

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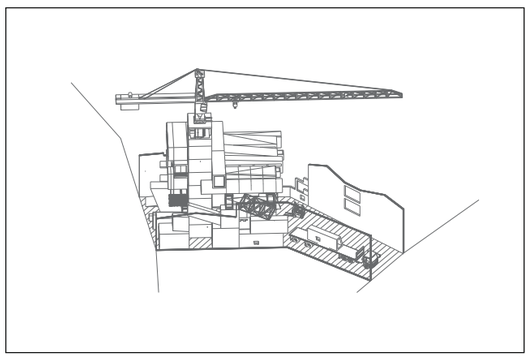

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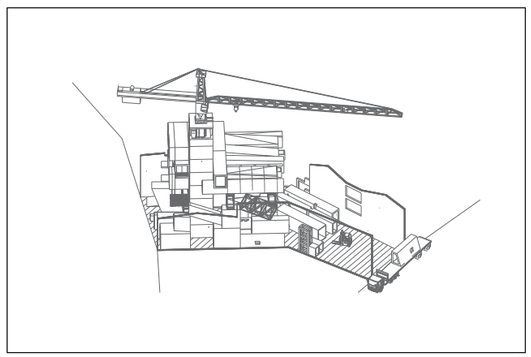

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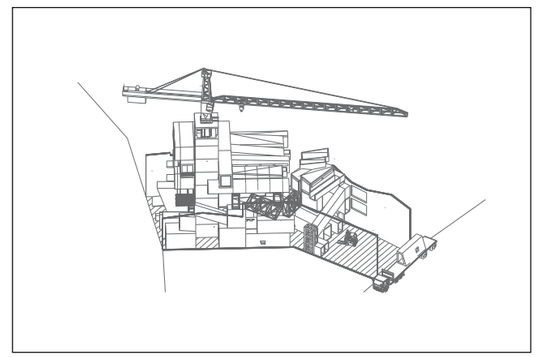

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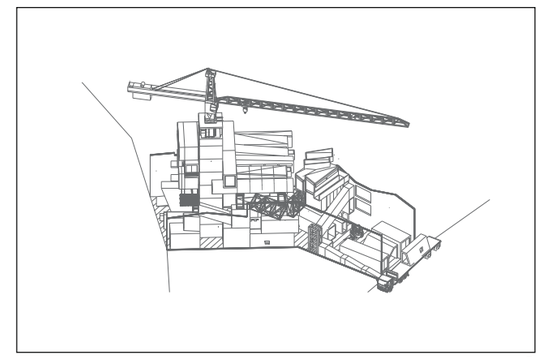

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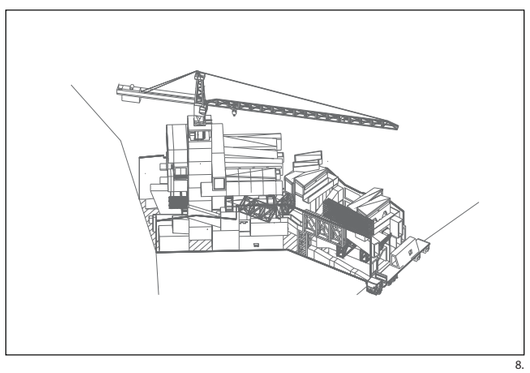

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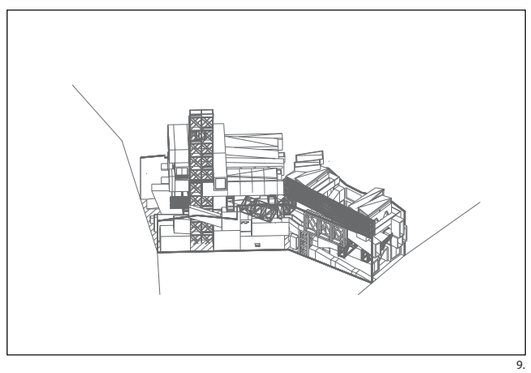

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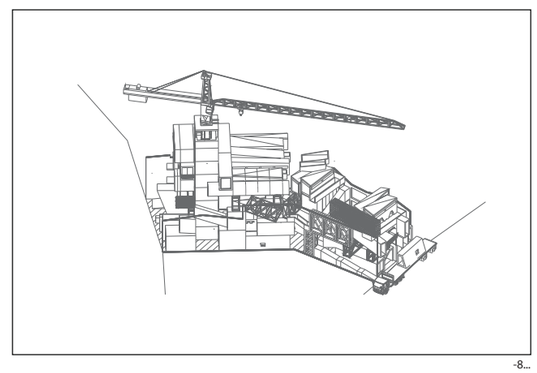

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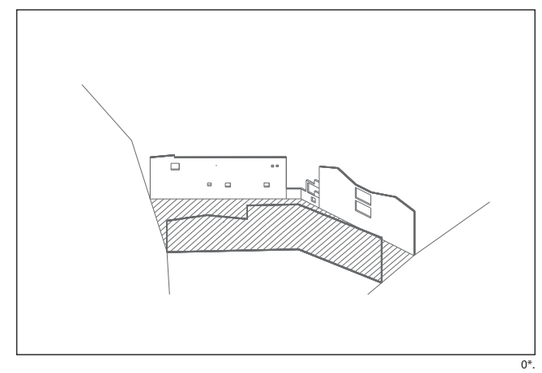

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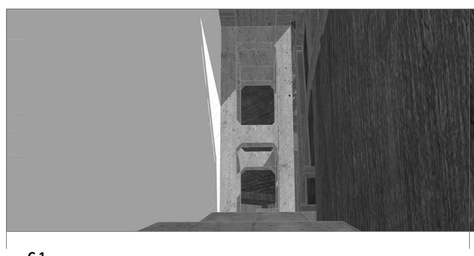
ASSEMBLAGE AND DISASSEMBLAGE

CONCRETE



C 1

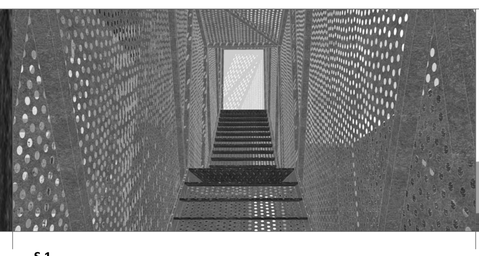
BULK DIMENSIONS: 2250x1200x5400 mm
STRUCTURAL THICKNESS: 300 mm
MATERIAL DENSITY: 2500 kg/m^3
WEIGHT: 8 900 kg
HIGH YIELD REINFORCEMENT: 460 N/mm^2
FINISH: smooth surface from steel formwork
ASSEMBLAGE: precasted and delivered to site
TYPE OF CONNECTION: stacked

CONCRETE

C 27

BULK DIMENSIONS: 4770x6600x1500 mm
STRUCTURAL THICKNESS: 300 mm
MATERIAL DENSITY: 2500 kg/m^3
WEIGHT: 44 300 kg
HIGH YIELD REINFORCEMENT: 460 N/mm^2
FINNISH: exposed coarse aggregate of black granite + black iron oxide pigment for cement
ASSEMBLAGE: precasted components delivered and assembled on site
TYPE OF CONNECTION: stacked

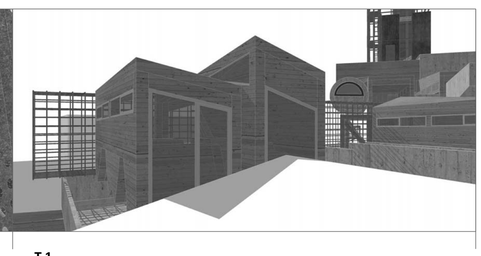
STEEL



S 1

BULK DIMENSIONS: 11600x1300x2500 mm
MATERIAL DENSITY: 7840 kg/m^3
WEIGHT: 2 085 kg
MAIN STEEL FRAME: galvanized steel, square profile 60x60 mm
BOTTOM STEEL SIDES: galvanized steel, L-profile 150x65 mm
STEPS: steel tread plate 1130x270 mm, welded to bottom steel sides
LANDINGS: steel tread plate 1130x2050 mm & 1130x1500 mm, welded to bottom steel sides
SKIN: perforated staggered round hole (R=15 mm) steel sheets 2000x2500 mm, screwed to main steel frame by four screws per height of the frame with equal distances between screws
ASSEMBLAGE: prefab components delivered and assembled on site
TYPE OF CONNECTION: stacked

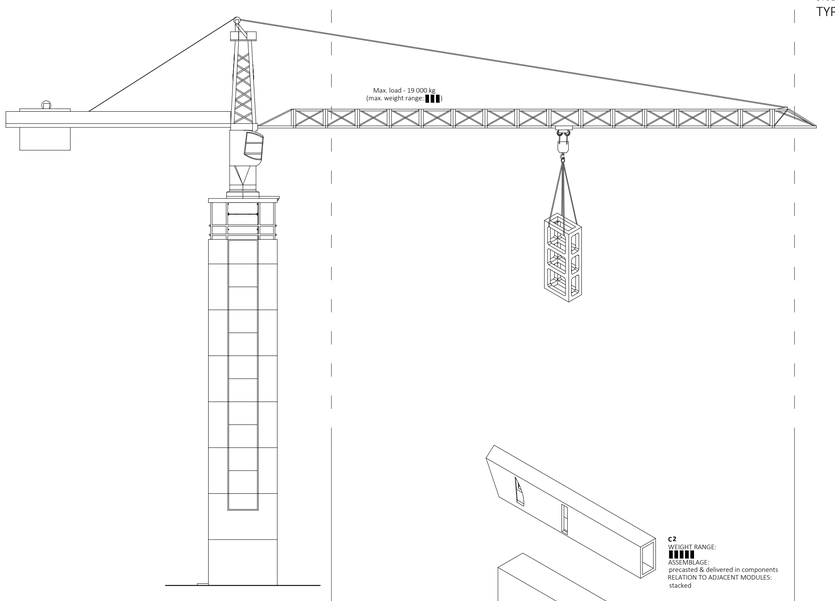
TIMBER

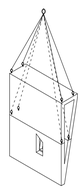


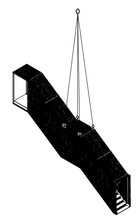
T 1

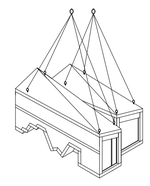
BULK DIMENSIONS: 7760x4400x3930 mm
STRUCTURAL THICKNESS: 250 mm (6 layers CLT)
MATERIAL DENSITY: 550 kg/m^3
WEIGHT: 15 500 kg
WALLS: two CLT panels connected via two LVL boards in between the panels with sixteen screws in two parallel lines along the length with equal distances between screws
FLOOR: twelve CLT panels screwed from surface to edge
ROOF: four CLT panels screwed from surface to surface between each other and surface to edge of wall panels, outside surface covered with waterproof layer of Polurea hotspray
ASSEMBLAGE: prefab components delivered and assembled on site
TYPE OF CONNECTION: stacked

DETAILED SPECIFICATION OF SELECTED MODULES



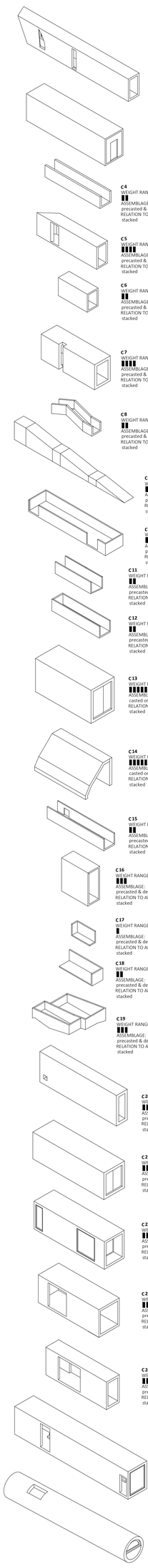






WEIGHT RANGE:

- ▮ 30 - 2000 kg
- ▮▮ 2000 - 10 000 kg
- ▮▮▮ 10 000 - 19 000 kg
- ▮▮▮▮ 19 000 - 40 000 kg
- ▮▮▮▮▮ 40 000 - 90 000 kg



C2
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C3
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C4
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C5
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C6
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C7
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C8
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C9
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C10
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C11
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C12
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C13
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: casted on site
RELATION TO ADJACENT MODULES: stacked

C14
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: casted on site
RELATION TO ADJACENT MODULES: stacked

C15
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C16
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C17
WEIGHT RANGE: ▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C18
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C19
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C20
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C21
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

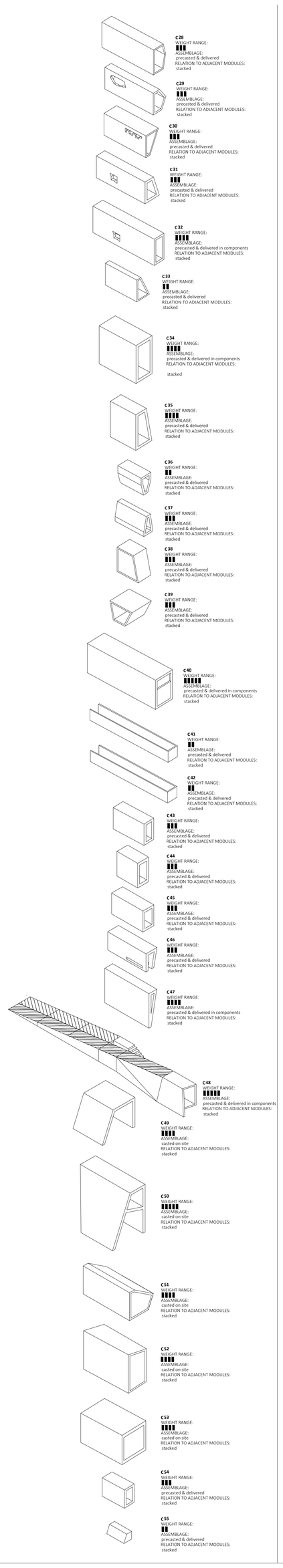
C22
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C23
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C24
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C25
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C26
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked & strapped



C28
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C29
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C30
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C31
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C32
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C33
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C34
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C35
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C36
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C37
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C38
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C39
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C40
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C41
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C42
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C43
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C44
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C45
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C46
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C47
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C48
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: precasted & delivered in components
RELATION TO ADJACENT MODULES: stacked

C49
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: casted on site
RELATION TO ADJACENT MODULES: stacked

C50
WEIGHT RANGE: ▮▮▮▮▮
ASSEMBLAGE: casted on site
RELATION TO ADJACENT MODULES: stacked

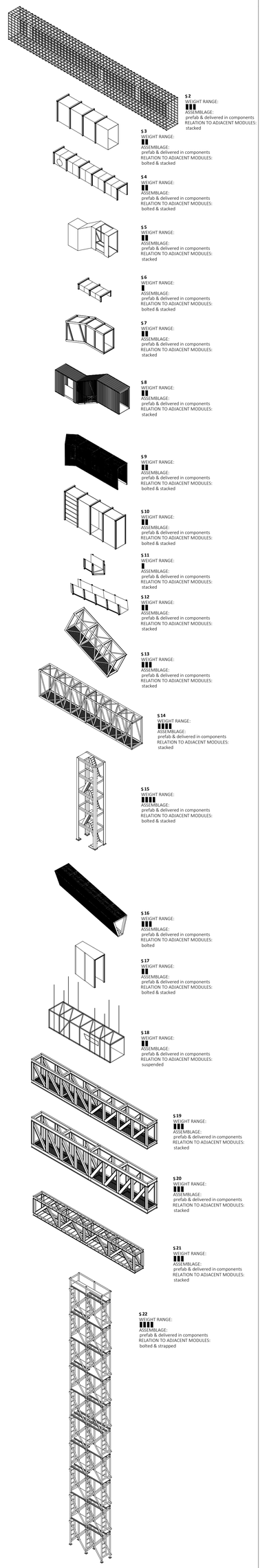
C51
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: casted on site
RELATION TO ADJACENT MODULES: stacked

C52
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: casted on site
RELATION TO ADJACENT MODULES: stacked

C53
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: casted on site
RELATION TO ADJACENT MODULES: stacked

C54
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked

C55
WEIGHT RANGE: ▮▮
ASSEMBLAGE: precasted & delivered
RELATION TO ADJACENT MODULES: stacked



S 2
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 3
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & stacked

S 4
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & stacked

S 5
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 6
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & stacked

S 7
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 8
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 9
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & stacked

S 10
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & stacked

S 11
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 12
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 13
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 14
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 15
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & stacked

S 16
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted

S 17
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & stacked

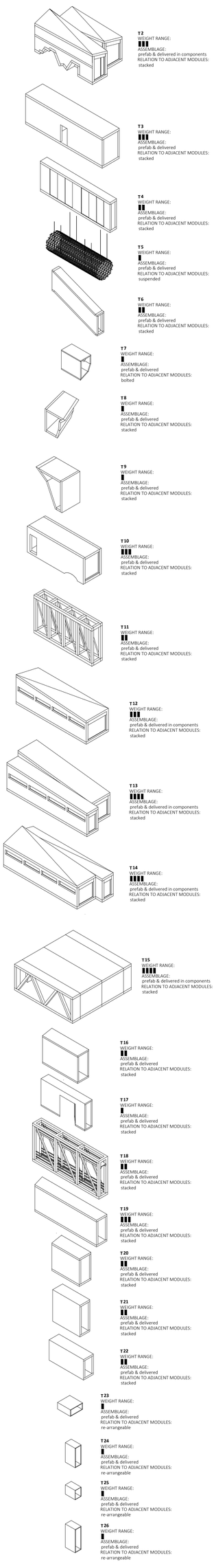
S 18
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: suspended

S 19
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 20
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 21
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

S 22
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: bolted & strapped



T2
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

T3
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T4
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T5
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: suspended

T6
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T7
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: bolted

T8
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T9
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T10
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T11
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T12
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

T13
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

T14
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

T15
WEIGHT RANGE: ▮▮▮▮
ASSEMBLAGE: prefab & delivered in components
RELATION TO ADJACENT MODULES: stacked

T16
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T17
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T18
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T19
WEIGHT RANGE: ▮▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T20
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T21
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T22
WEIGHT RANGE: ▮▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: stacked

T23
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: re-arrangeable

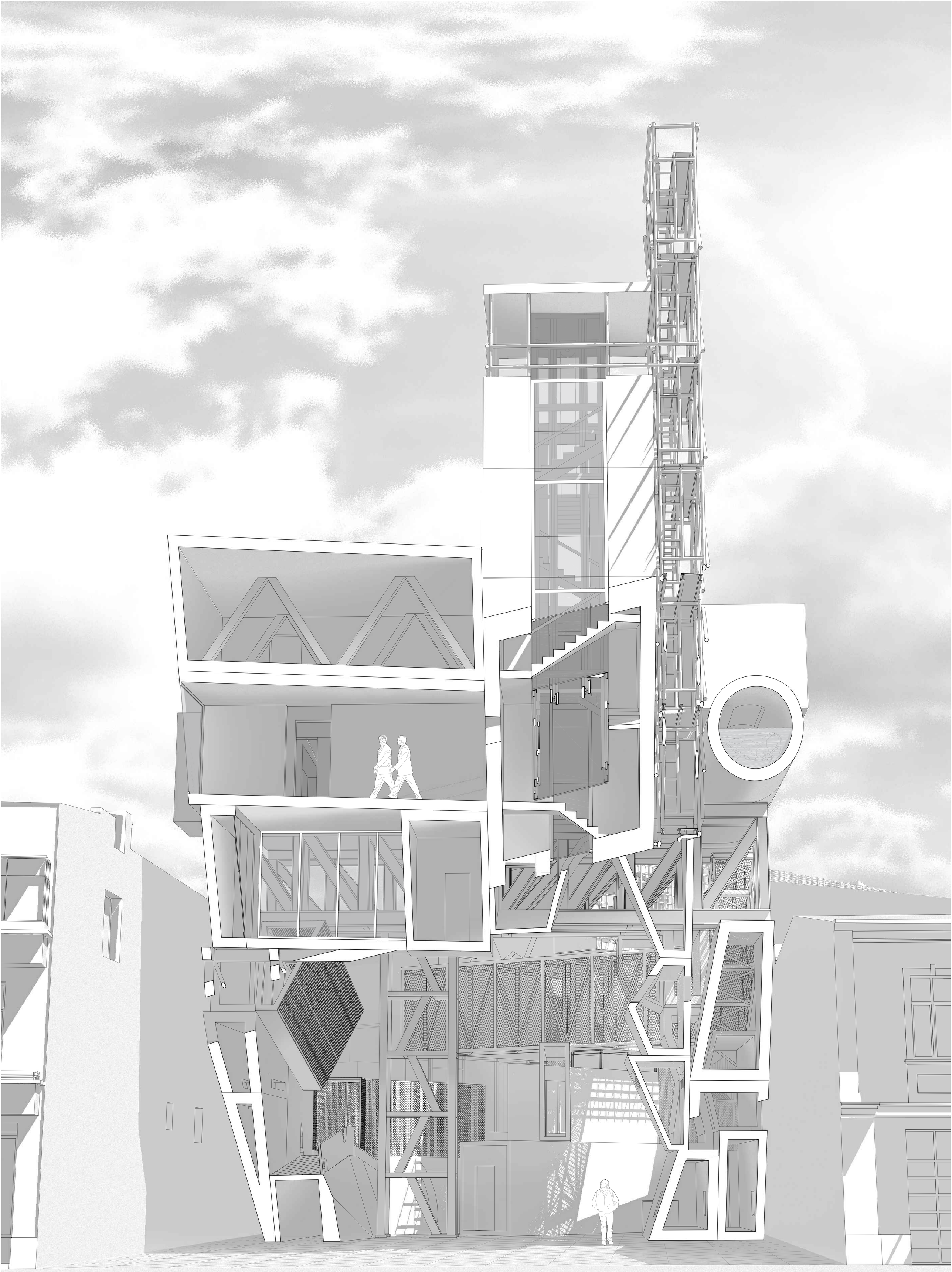
T24
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: re-arrangeable

T25
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: re-arrangeable

T26
WEIGHT RANGE: ▮
ASSEMBLAGE: prefab & delivered
RELATION TO ADJACENT MODULES: re-arrangeable

EXPLODED AXONOMETRIC VIEW OF ALL MODULES + ASSEMBLING DETAILS
M 1:200

UNFOLDED ROUTE OF PARKOUR PRACTITIONER



OBLIQUE SECTION