



The Circular building of Oslo: Kristian Augusts gate 13 (KA13)

Noora Khezri, Mad arkitekter





KA13



Preservation



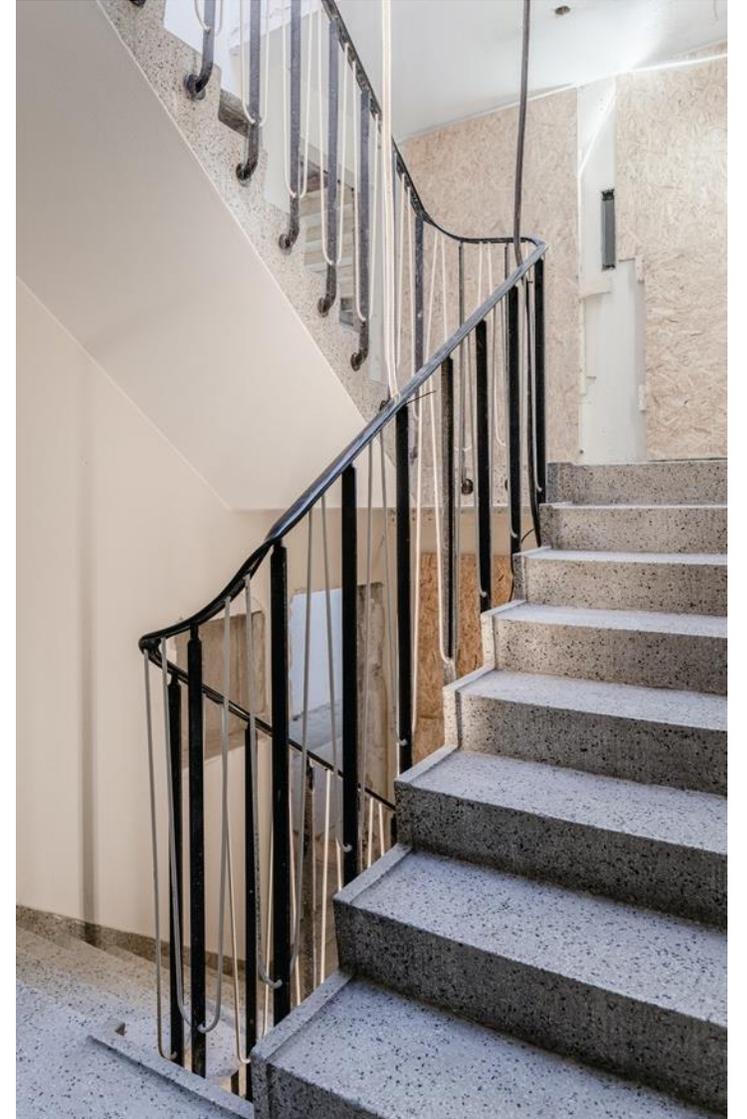
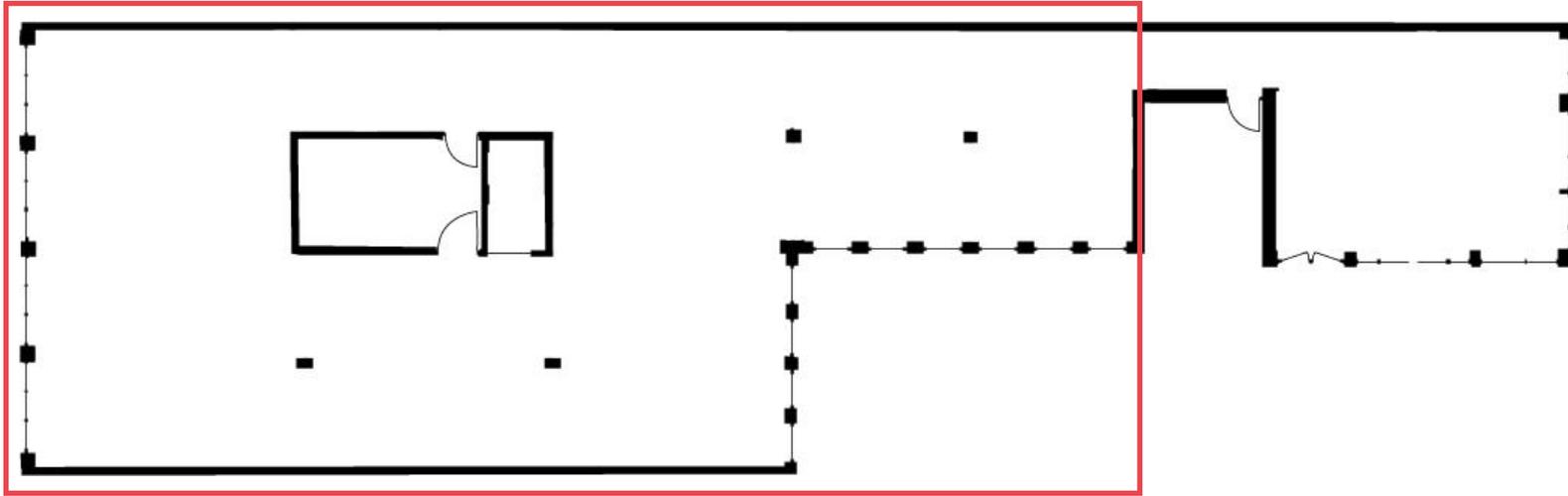
Facade of existing building towards street



Sketches from feasibility study

Existing building

New building



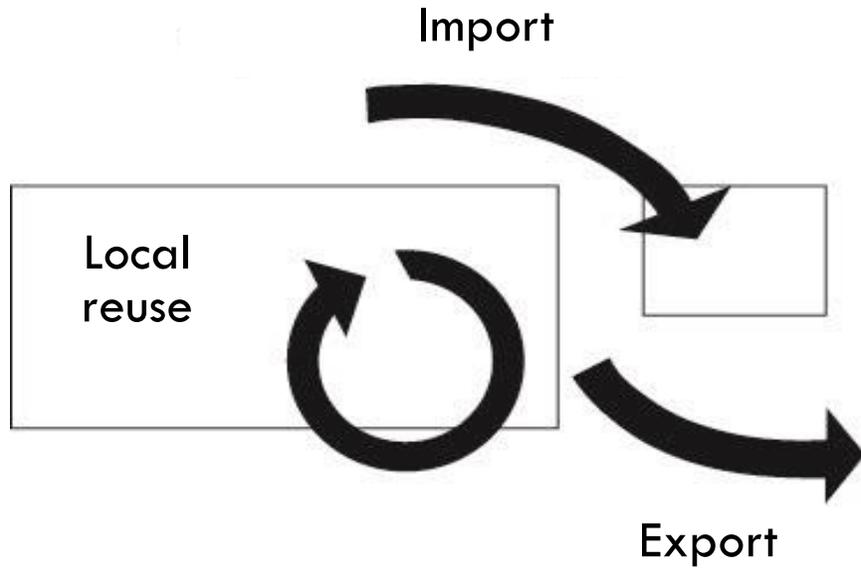


Existing/ reuse

Extension/reuse

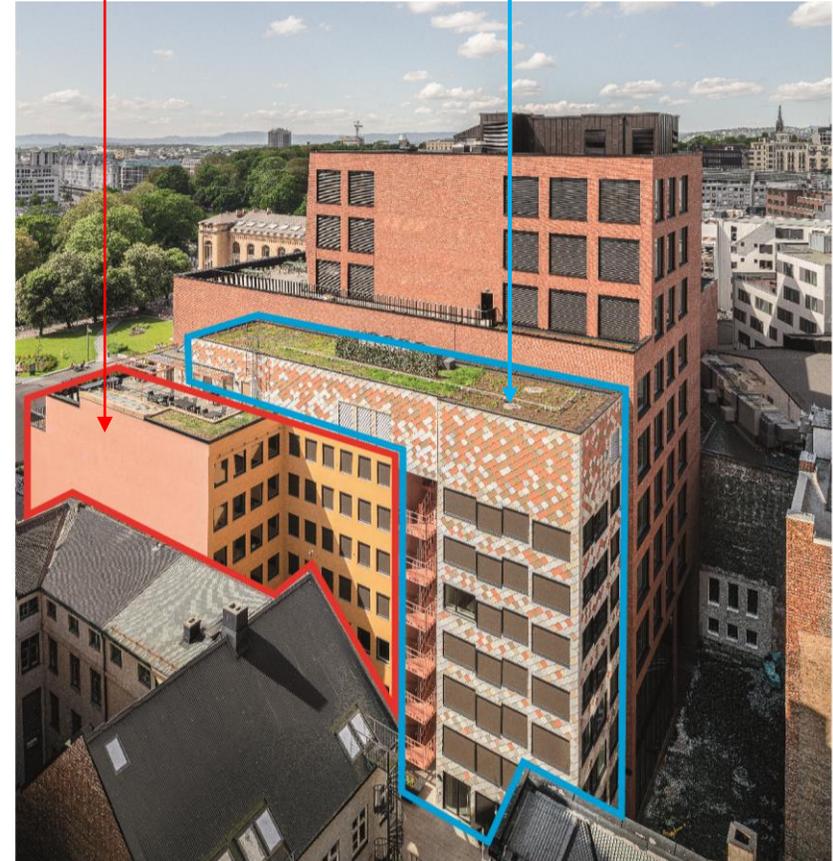


Material flow

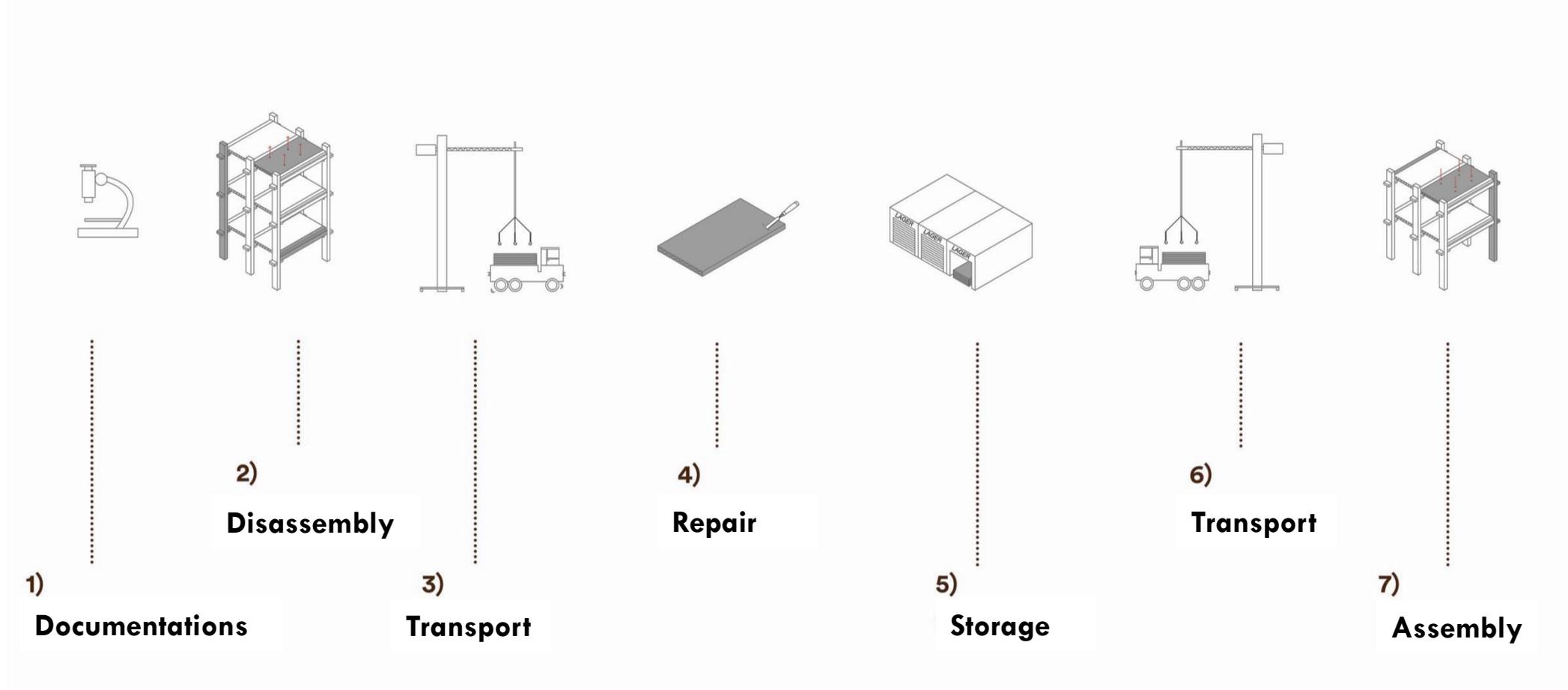


Existing/ reuse

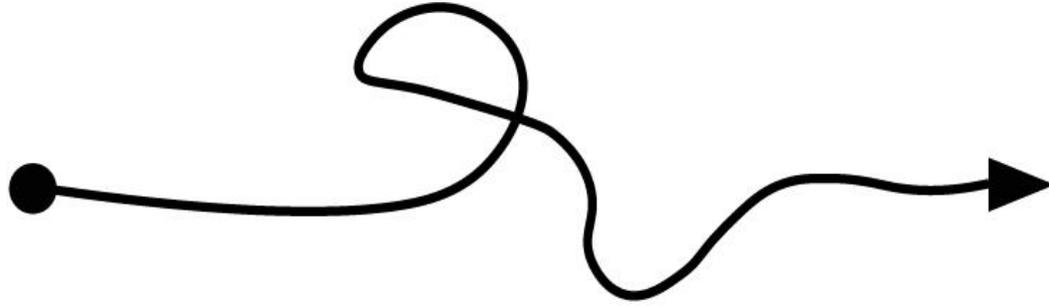
Extension/reuse



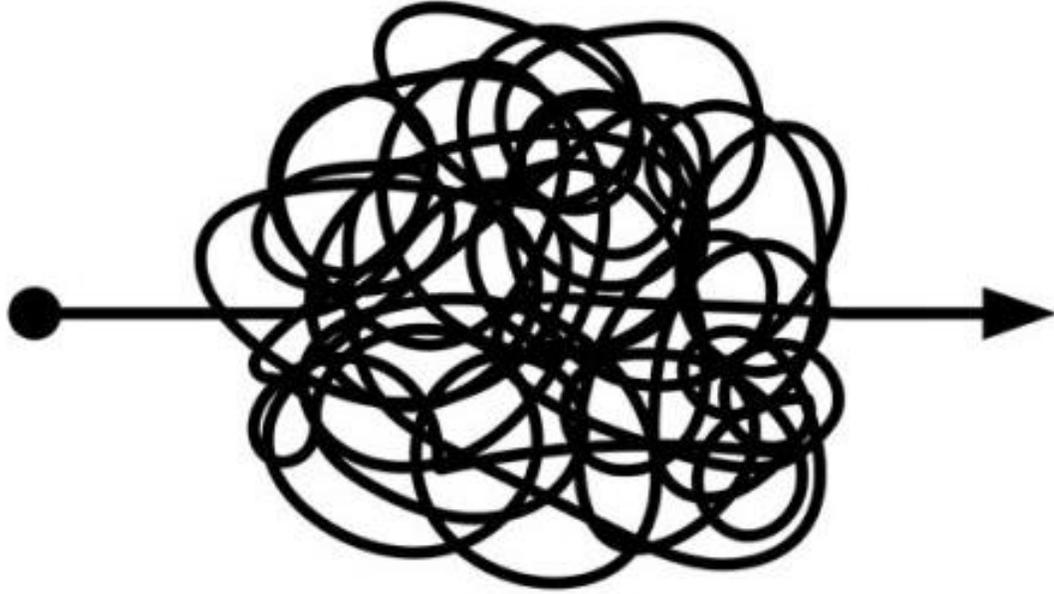
Process



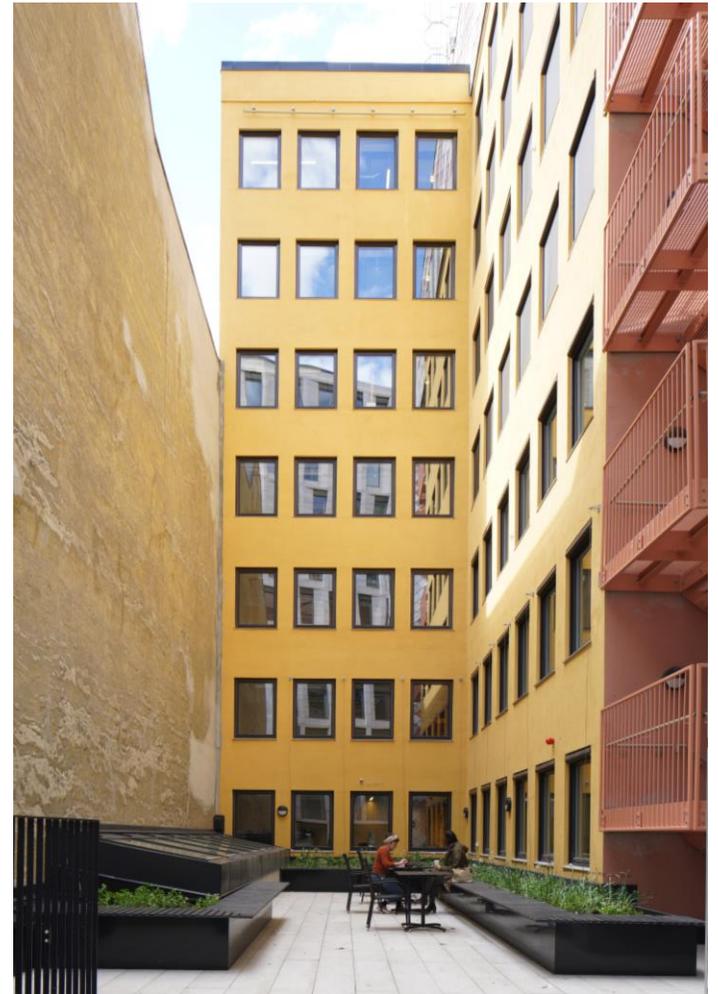
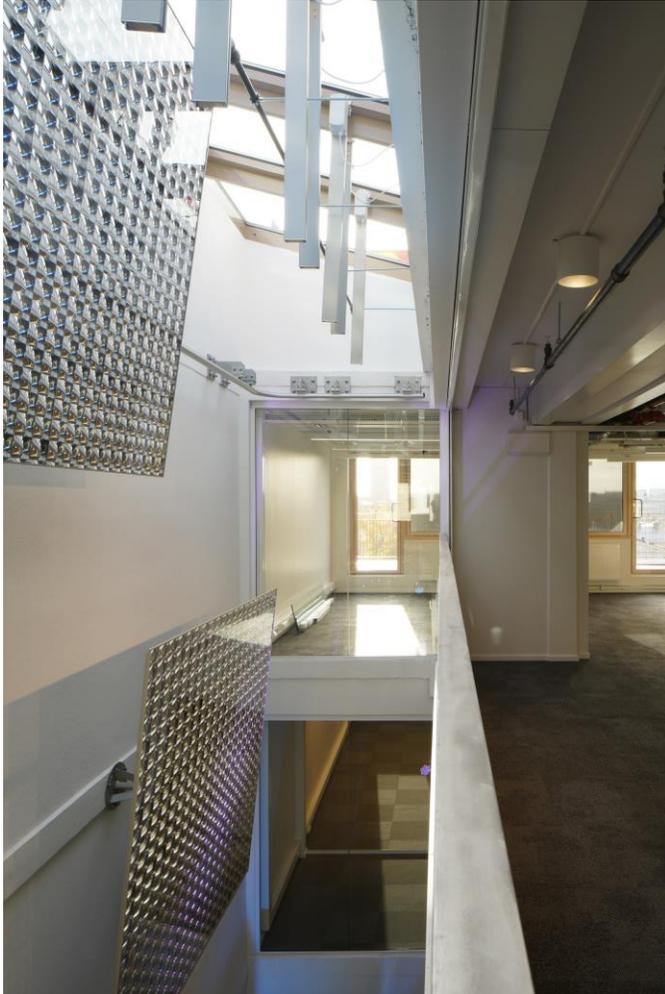
Process



Process



Local Reuse: Reuse of existing building





Import: Reuse from other buildings



1 Schweigaardsgate 15
(Entra)
Himling
Elektriske installasjoner



2 Kristian Augusts gate 23
(Høegh Eiendom)
Himling
Elektriske installasjoner



● Kristian Augusts gate 13 (Entra)

Eksisterende bygg
Radiator
Elektrisk installasjoner
Luftfordeling
Ventilasjon
Kjøkkeninnredning
Dører
Innvendige innredninger



3 St. Olavs plass 5 (Entra)
Kjøkkeninnredn.
Fast innredning
Belysning
Vinduer
Dører



4 Universitetsgata 2 (Entra)
Glassfelt
Himling
Radiator
Sanitær



5 Regjeringskvartalet R4
(Statsbygg)
Bærende hulldekker



6 Akerselva Atrium
Gulvoverflate



7 Dronning Eufemiasgate 8
(Braathen eiendom)
Komfortkjøling
Rekkverk
Belysning
Glassfasader
Gulvoverflate
Sanitær



8 Darres gate 2
Teglstein



9 Tøyenbadet (Kultur og
Idrettsbygg - KID)
Rekkverk
Kledning og overflate
Interior



10 Strømsveien 18
Teglstein



11 Drammensvn. 134
(Entra)
Stein fasadeplater



12 Bergsgata 41-43
Teglstein



13 Lambertseter Sykehjem
(Omsorgsbygg - OBY)
Kjøkkeninnredning
Servantbatterier
Kjøkkenarmatur



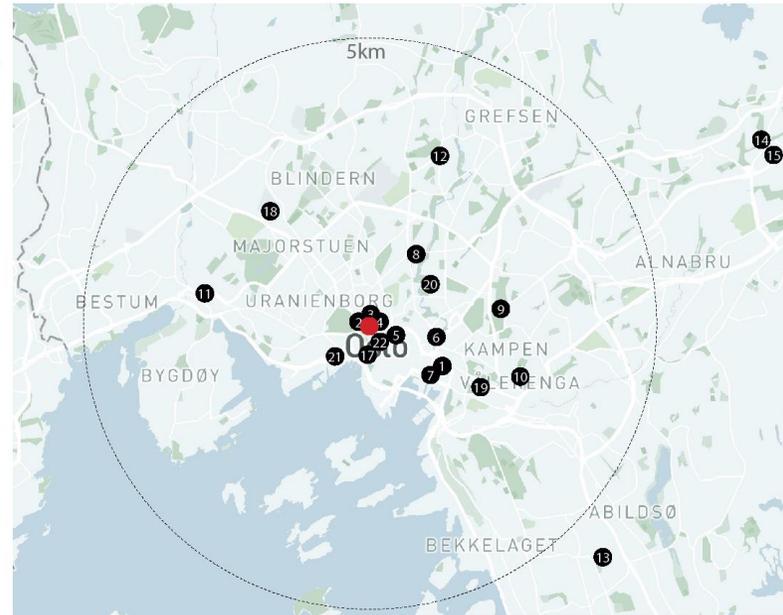
14 Refstad skole (Under-
visningsbygg - UBF)
Himling
Skap og reoler
Dørvrider og dørpumpe
Sanitær



15 St. Olavs hospital,
Trondheim
Cembit fasadeplater



16 Alfred Trøndsalsvei 9,
Trondheim
Steni fasadeplater



17 Bedriftsveien 7
Teglstein



18 Oppsalhjemmet
(Omsorgsbygg - OBY)
Utvendig kledning og over-
flate



19 Tordenskjoldsgate 12
(Entra)
Sanitærutstyr



20 Diakonhjemmet sykehus
(Diakonhjemmet eiendom)
auditoriestoler



21 Turbinveien 15
Vinduer



22 Nordregate 20-22
Vinduer

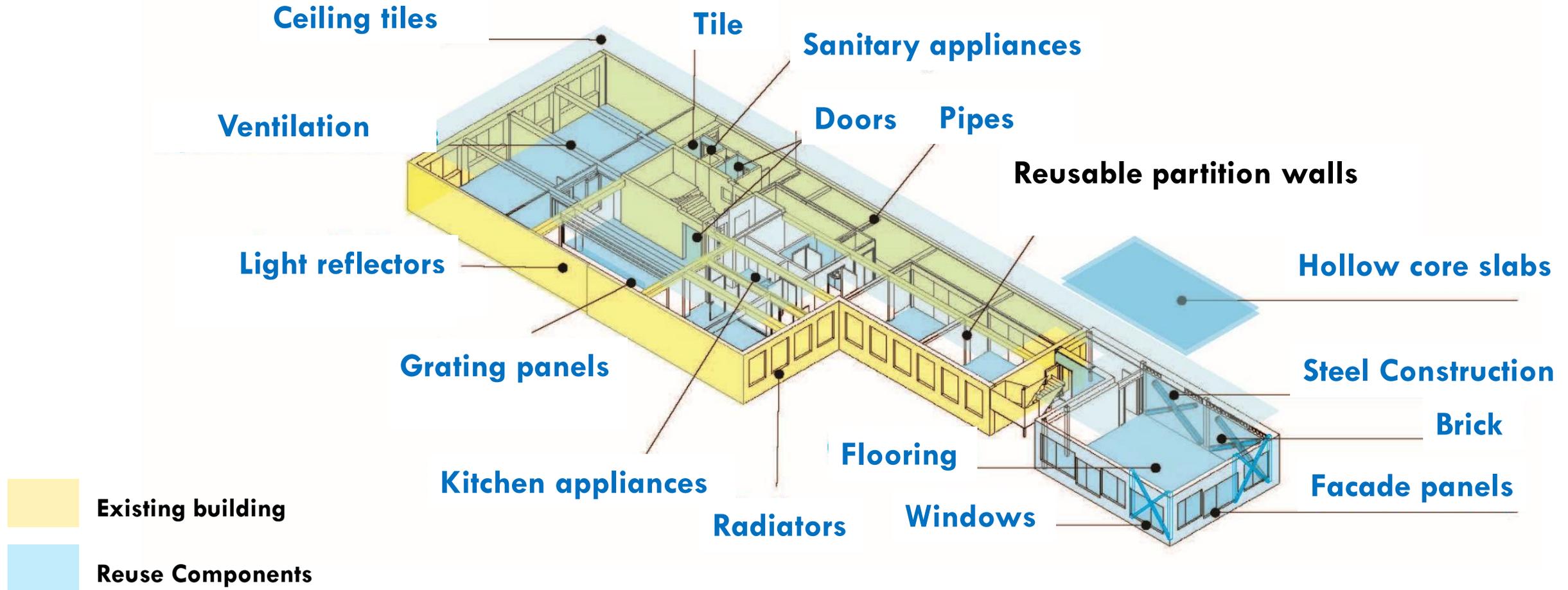


23 Dronning Maudsgate 1-3
(Pecunia)
Stål

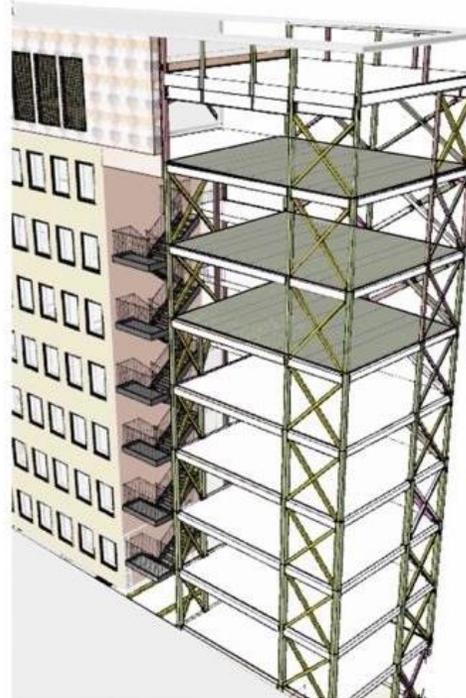


24 Karl Johansgate 33
Stål

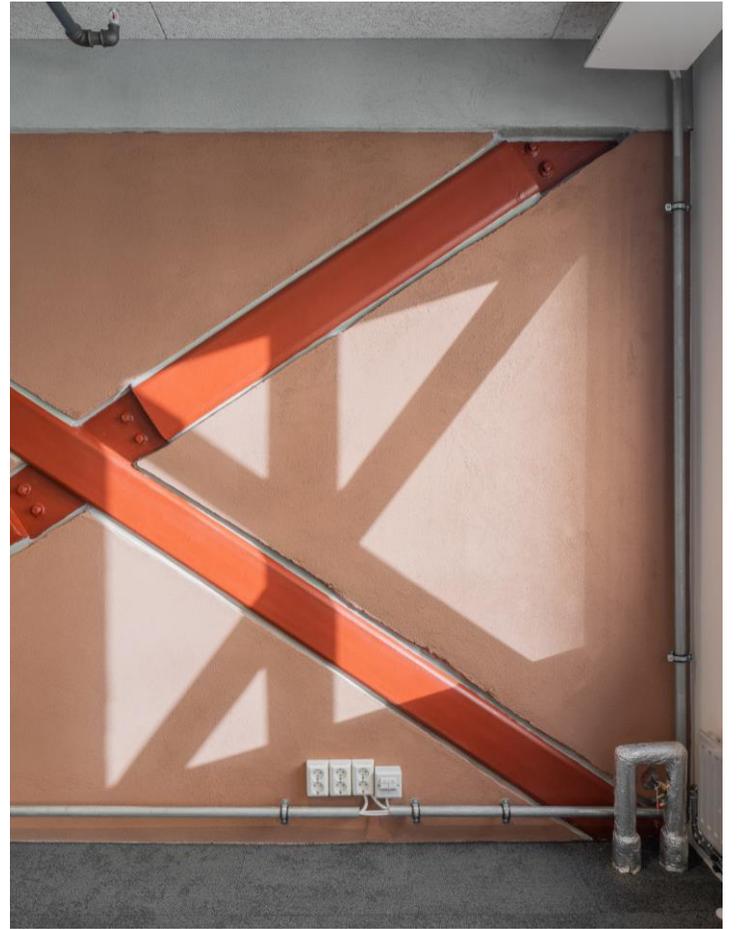
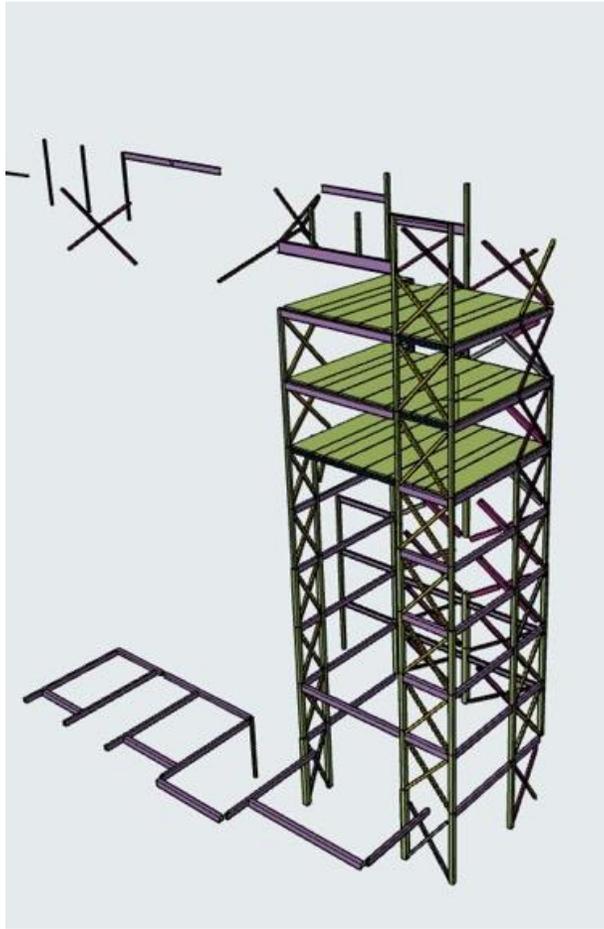
Reuse of building components



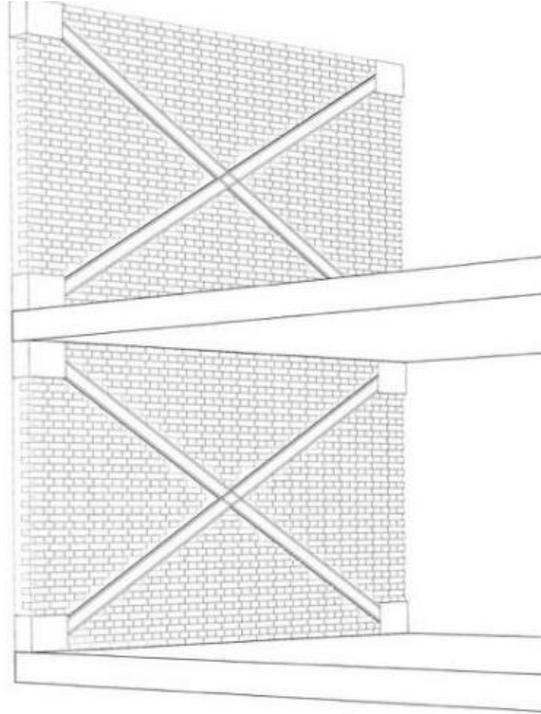
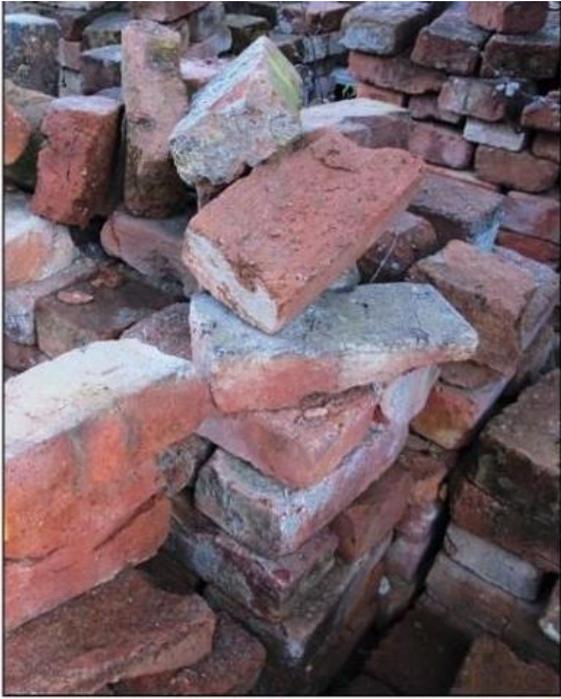
Hollow core slabs



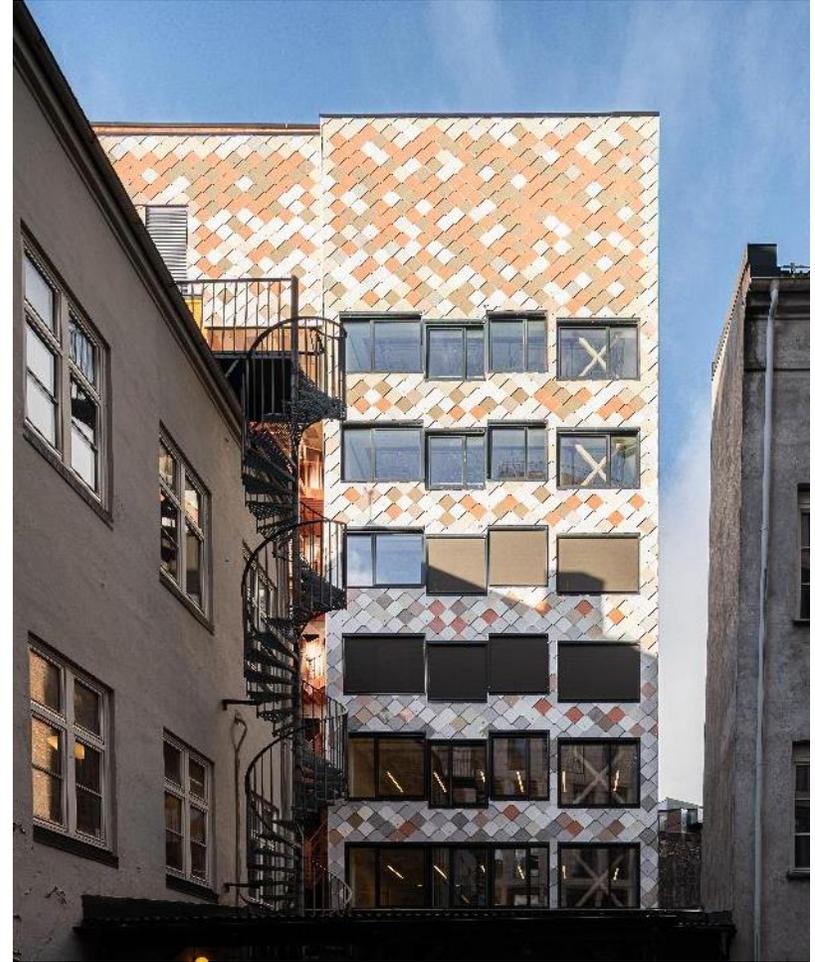
Steel structures



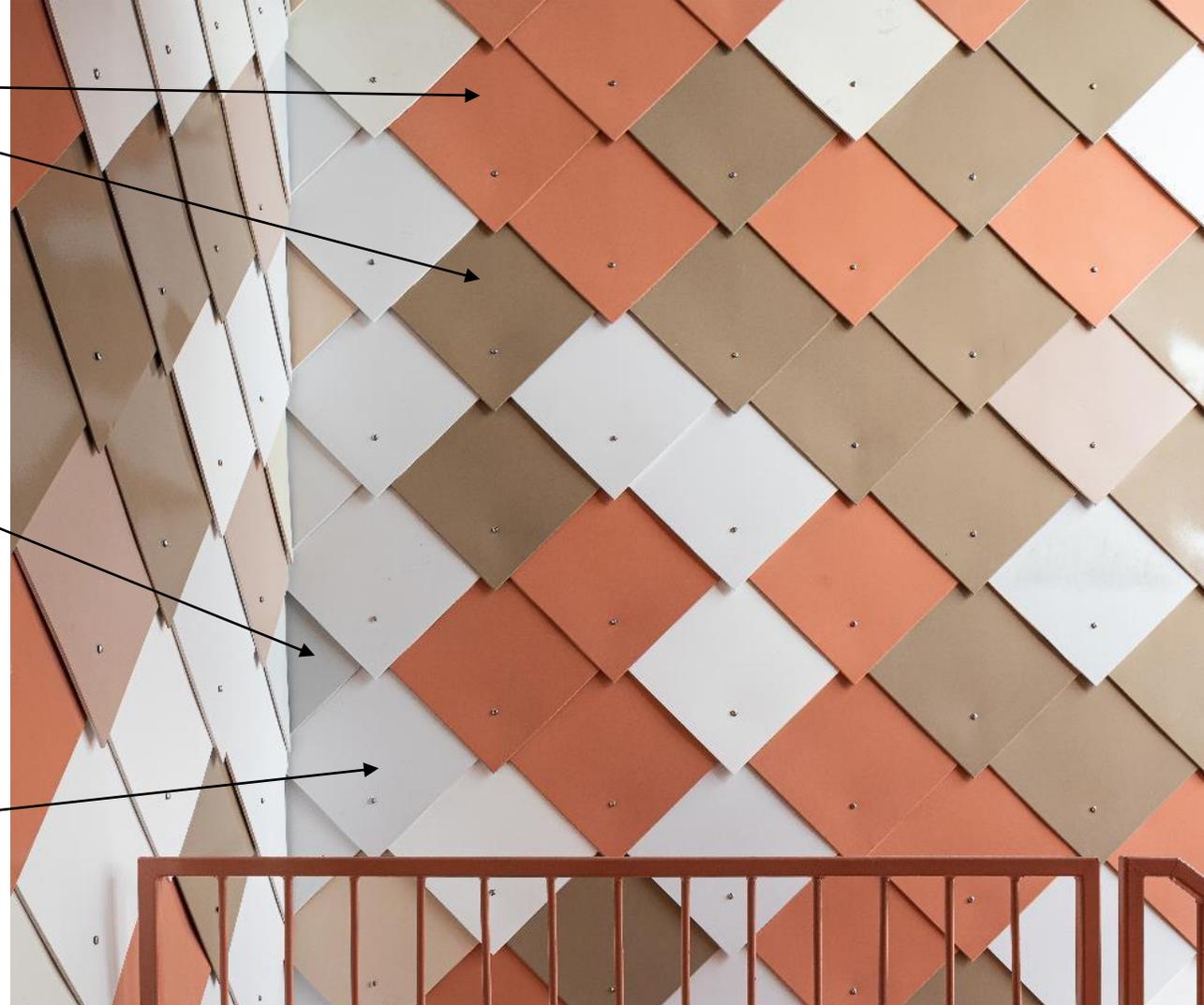
Brick



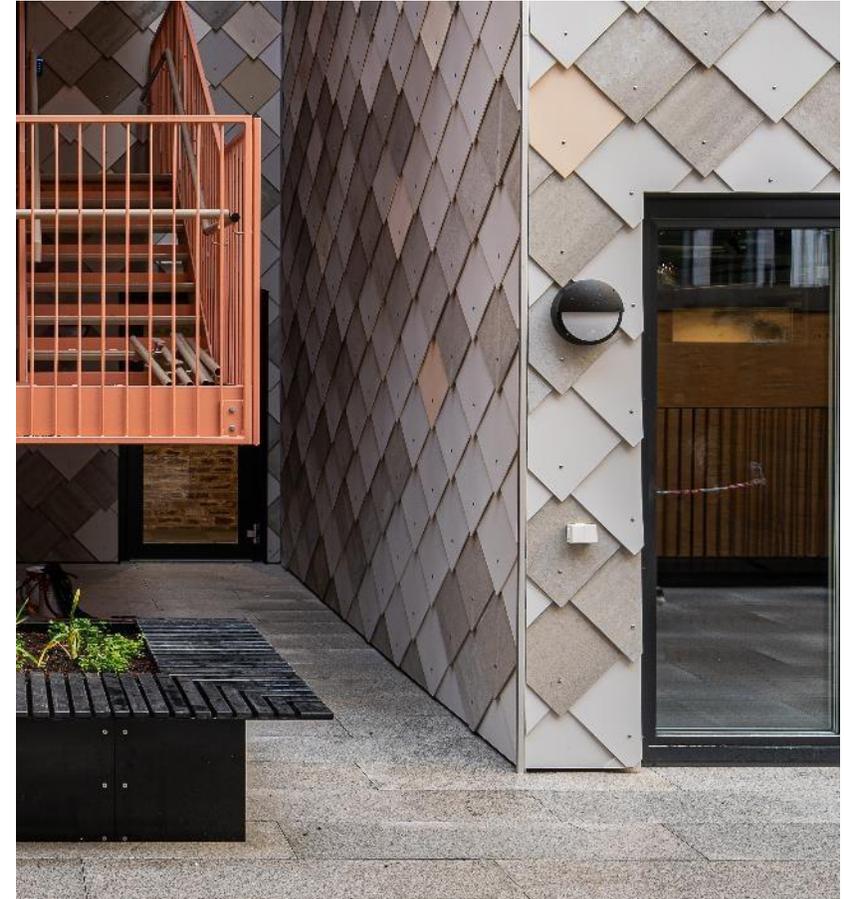
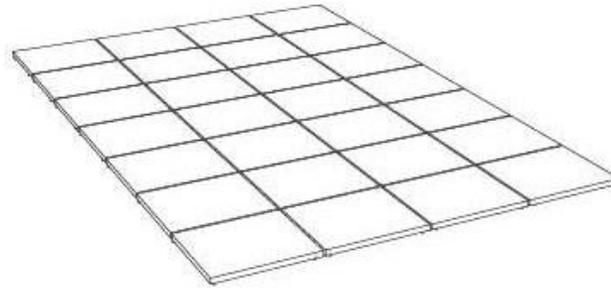
Windows



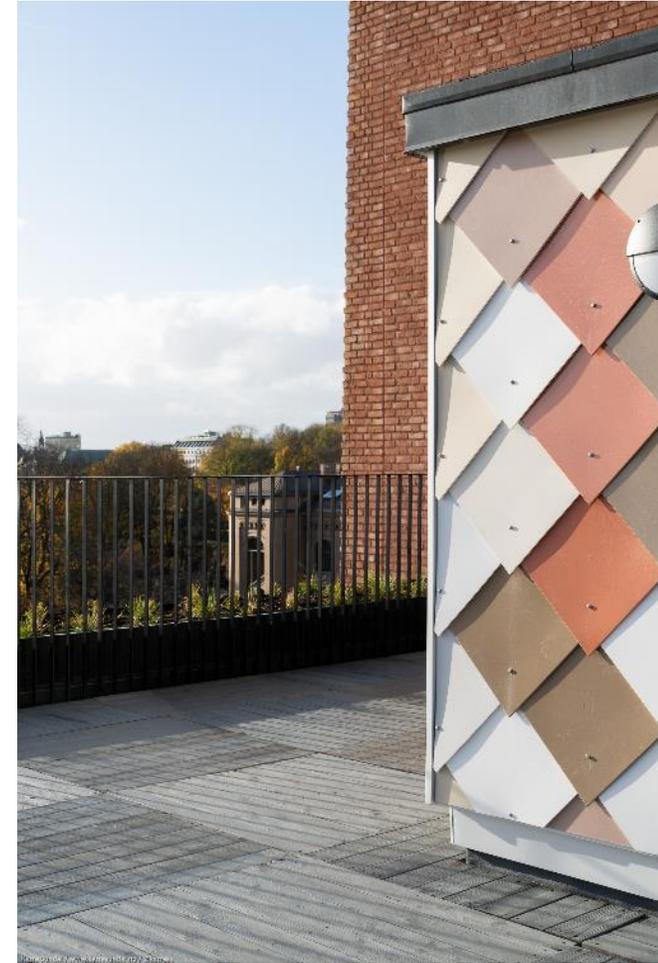
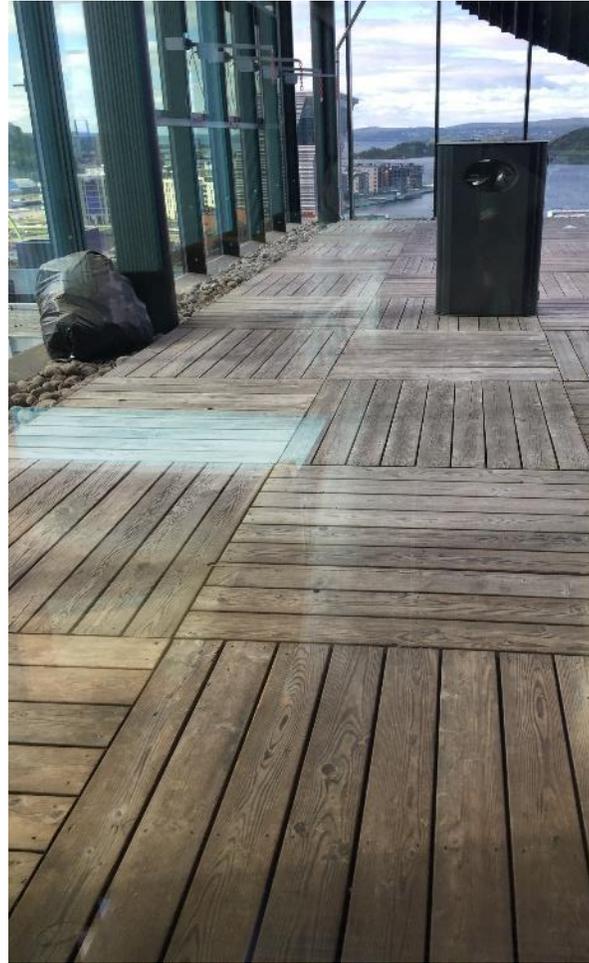
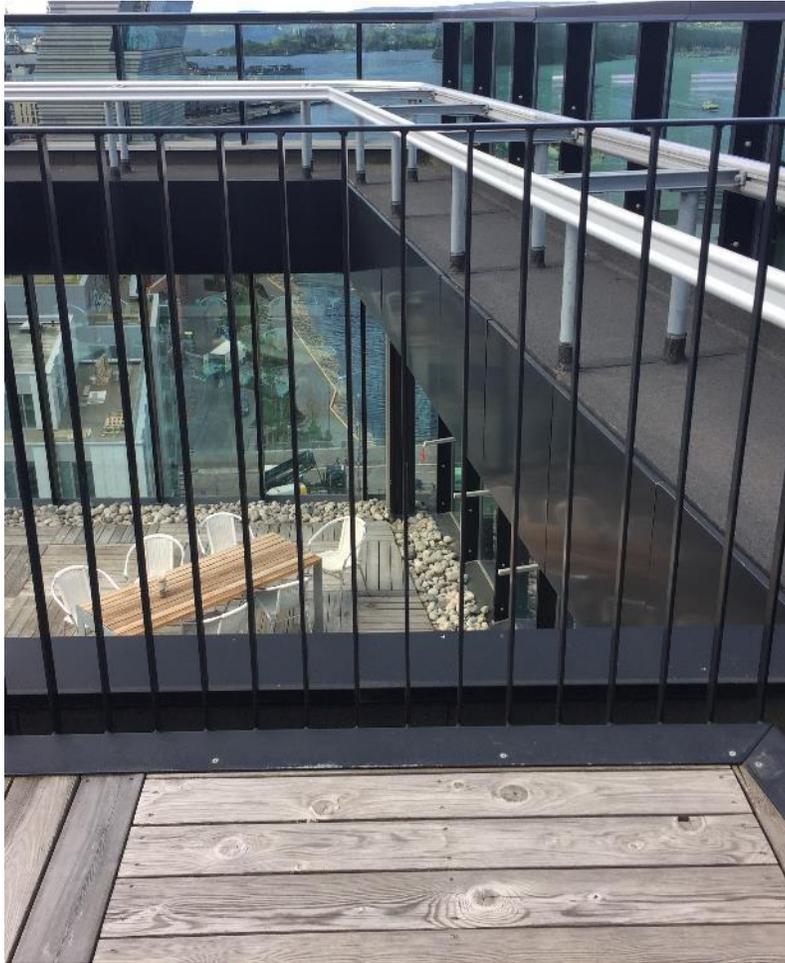
Facade panels



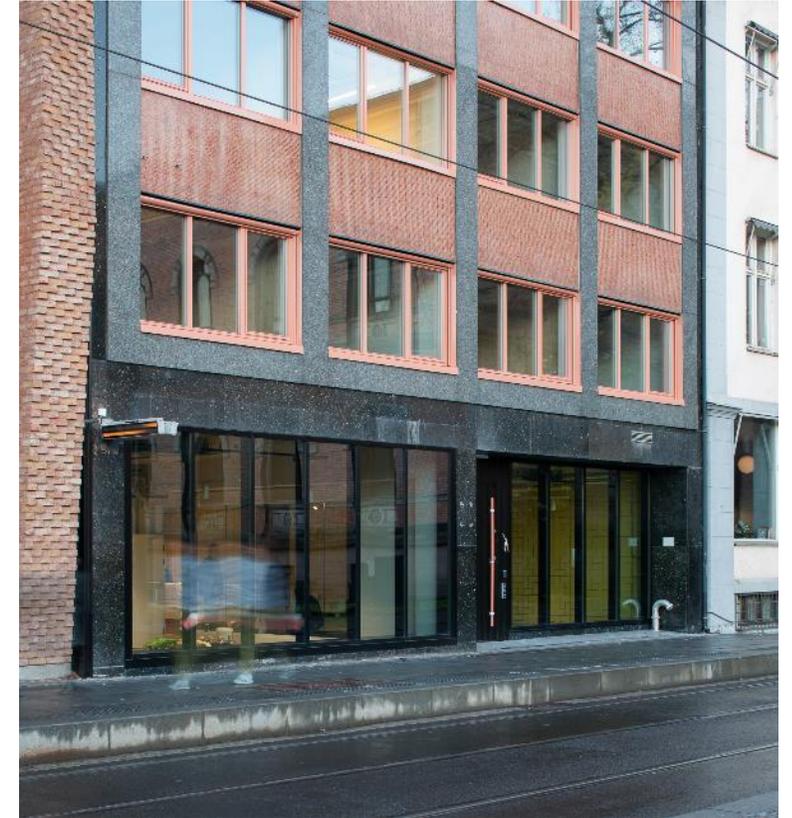
From facade to courtyard flooring



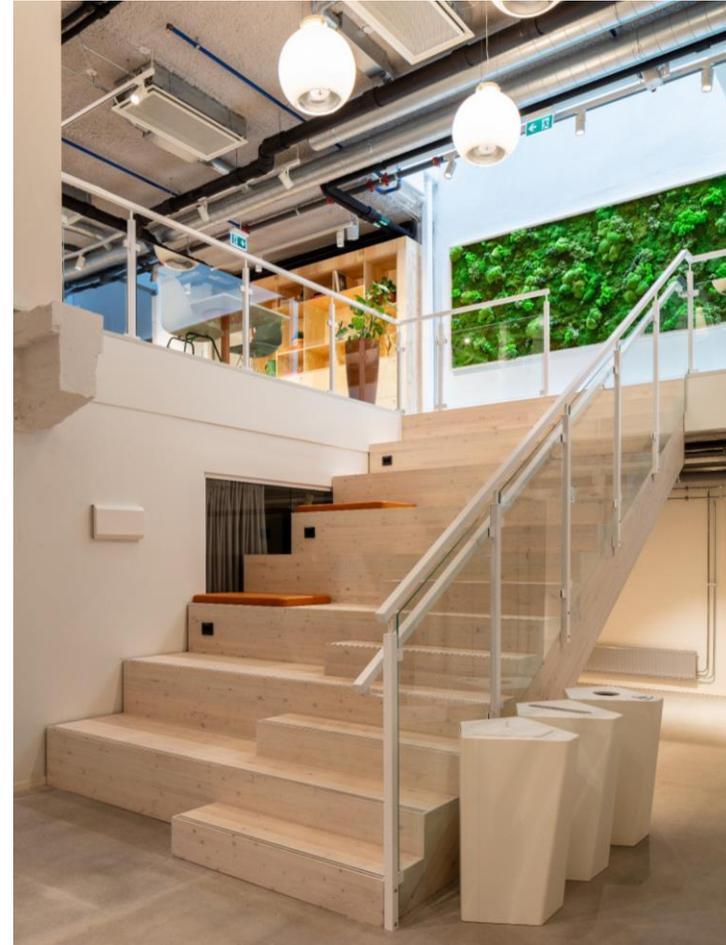
Terrace floor and steel railings



Glass Facade



From handrails to amphitheater



Old steel grating panels became railing



TEWO Flex, flexible and reusable wooden wall

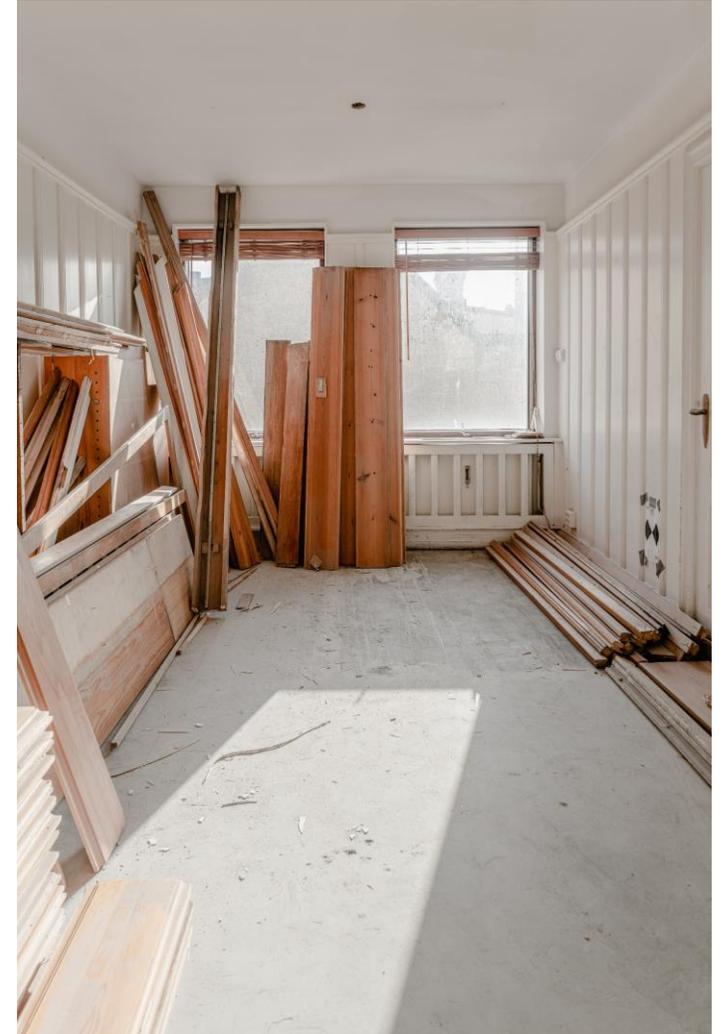
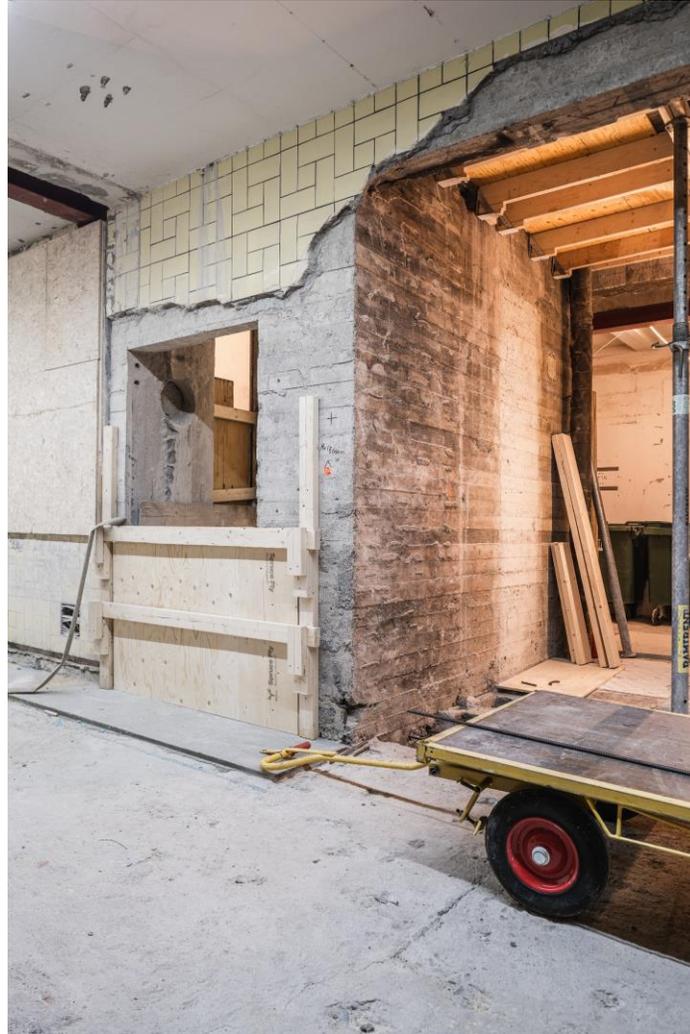


Made  TEWO

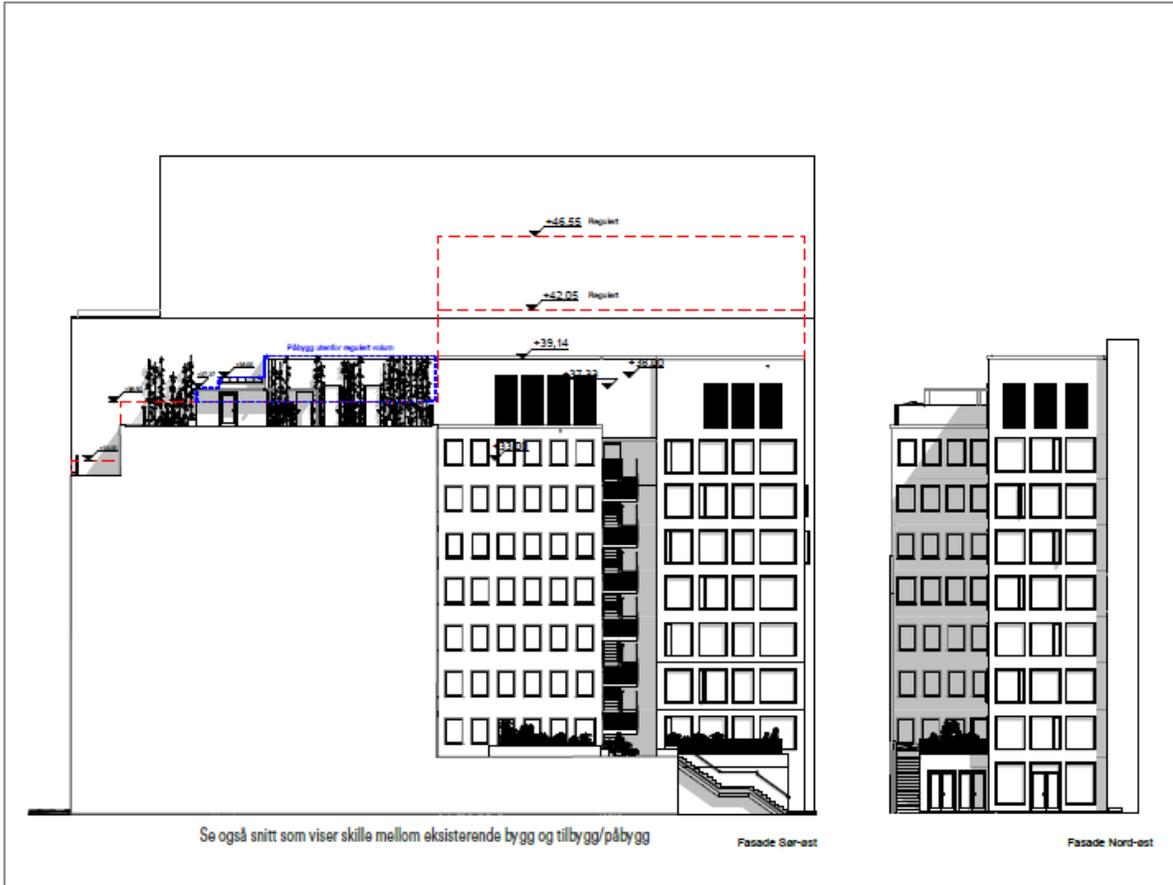
Rules and Regulations



Rules and Regulations



Process with the municipality of Oslo





70%





Beauty



Resilience and Adaptability



Local Resources and knowledge



Quality





Noora Khezri, architect

nk@mad.no

+47 942 03 326

mad.no