

HASLETRE : CASE STUDY

HASLETRE DISASSEMBLABLE & REUSABLE COMMERCIAL BUILDING IN WOOD

Building Type: Office Building, 4 floors

Project Size: 3000m² GFA (Gross Floor Area)

Project Environmental Goal: BREEAM Excellent

Oslotre's Role: Architect & Structural Engineer in Timber



Wooden Building of the Year 2022
Norwegian Construction Industry Climate Prize 2023

Architizer A+ Awards

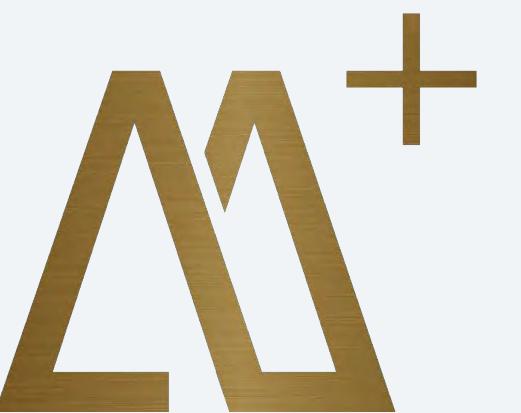
Honoring the World's
Best Architecture
and Spaces

2024 Jury Winner

Sustainable Commercial Building

Presented to
Oslotre AS

Project
HasleTre



Architizer

A+AWARDS

WINNER
2024

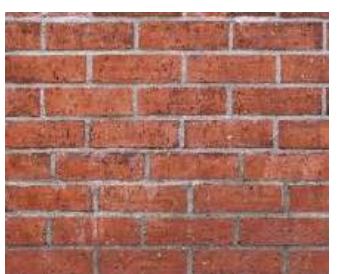
New office building at Hasle: Architectures answer to Tesla

Statlig politikk bør gjøre trehuset til byggebransjens svar på elbilen, skriver Gaute Brochmann.



Studio i egen stue: Når TV-aksjonen 2023 går av stabelen 22. oktober med Redd Barna som mottager, skal det kringkastes direkte fra organisasjonens eget fellesrom. (Foto: Einar Aslaksen / Oslostre)

FASADE VOLUME & MATERIALITY



BRICK



WOODSHINGEL

PLAN 2. & 3. FLOOR



CONSEPT BIOTOP ROOF

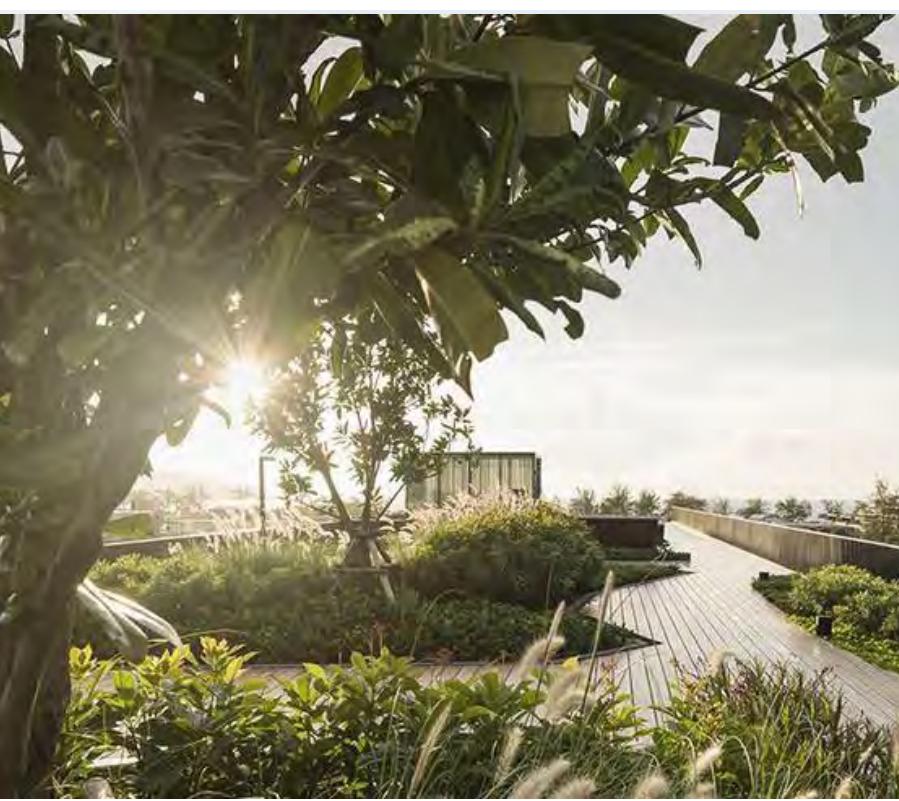
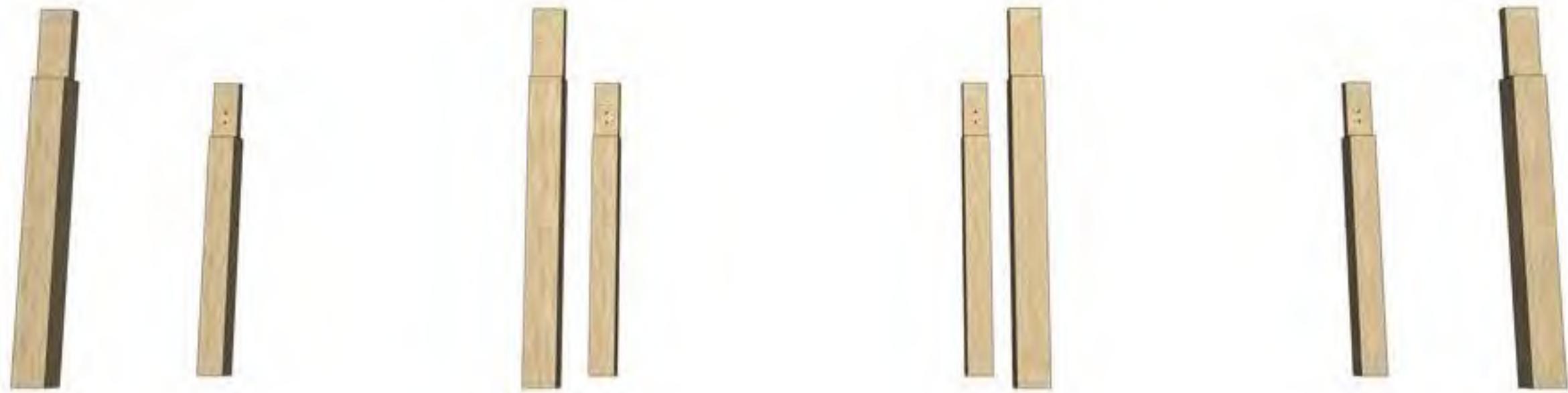


Foto: Ingvar Søre

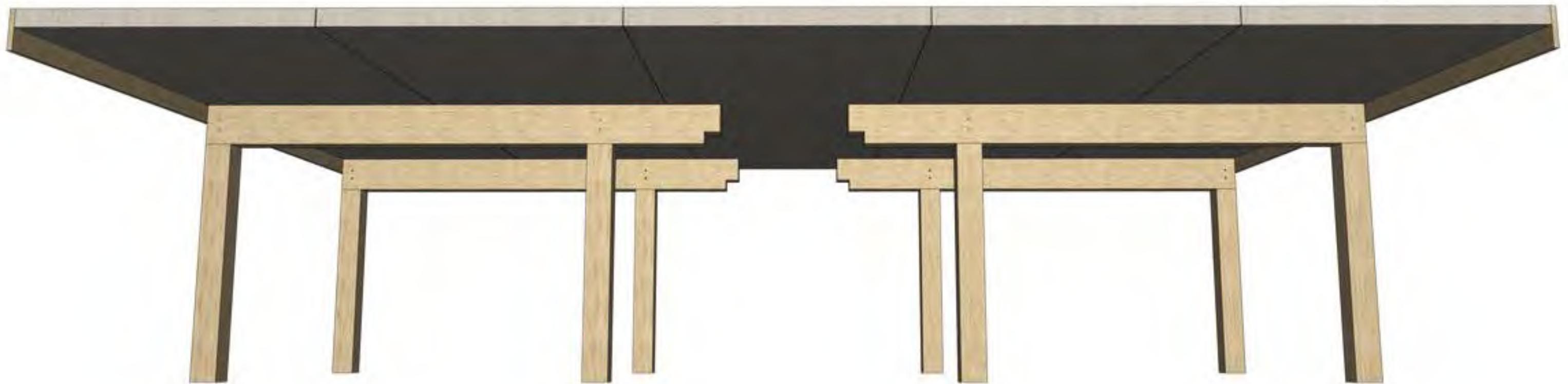
CONSTRUCTION SYSTEM GLULAM COLUMNS



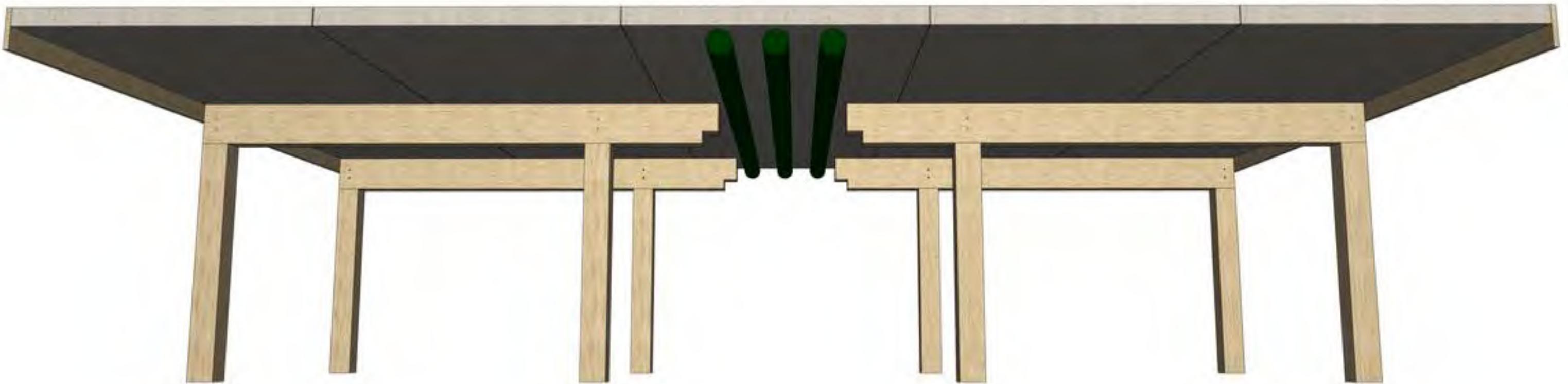
CONSTRUCTION SYSTEM GLULAM BEAMS



CONSTRUCTION SYSTEM CLT FLOORSLABS



CONSTRUCTION SYSTEM TECHNICAL INSTALATIONS



CONSTRUCTION FLOORSLAB



WOOD CONSTRUCTIONS MATERIALITY & CONNECTIONS



Plywood



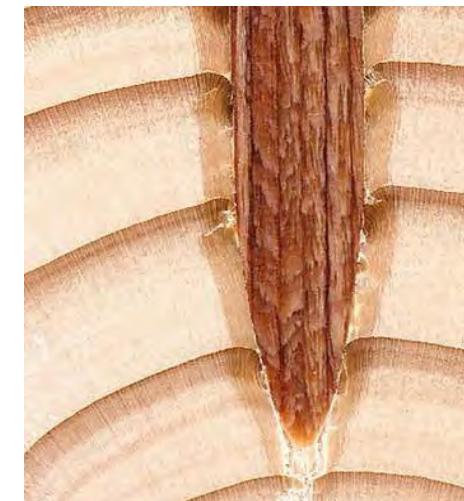
CLT



Gluelam



Woodfibre insulation



Wooden nails



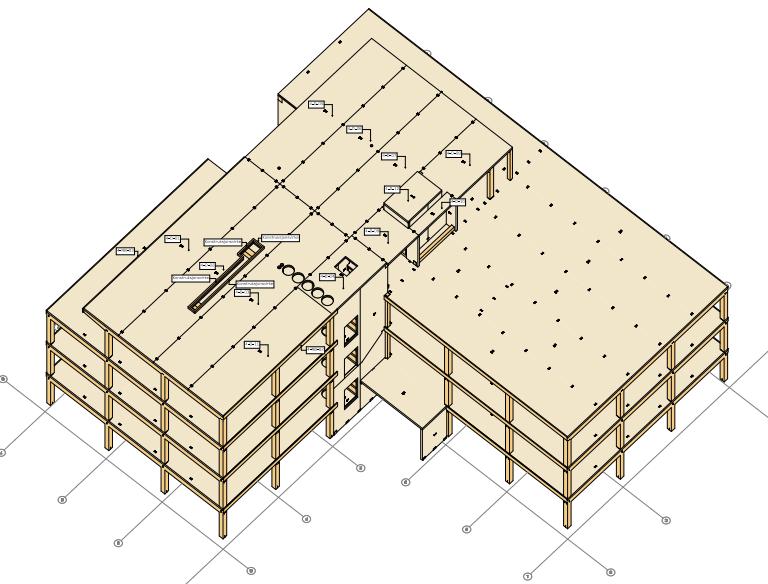
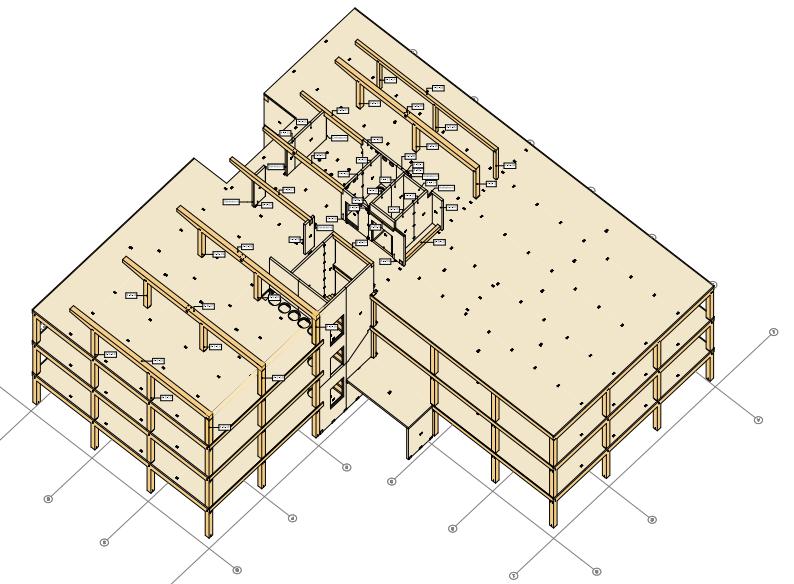
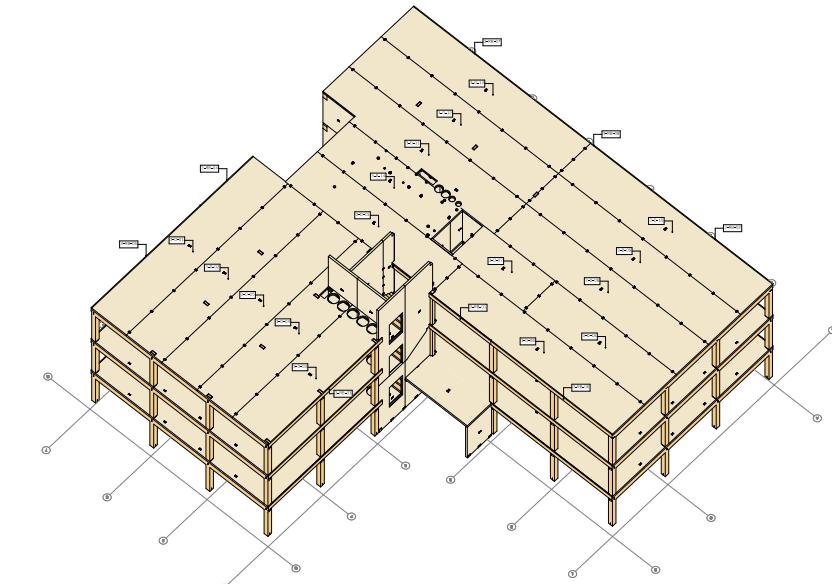
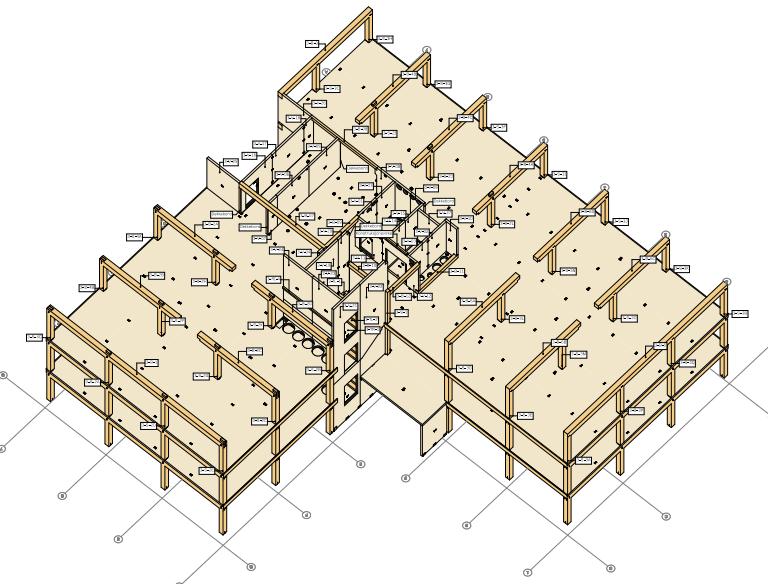
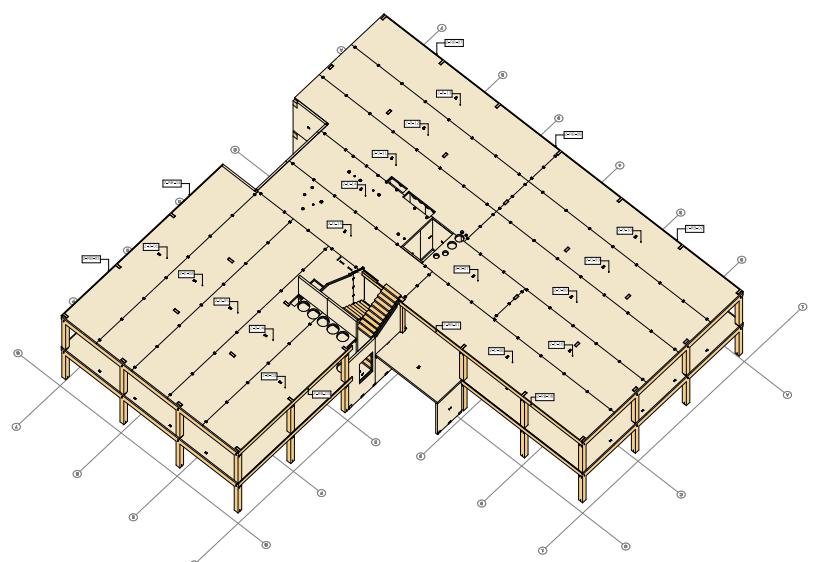
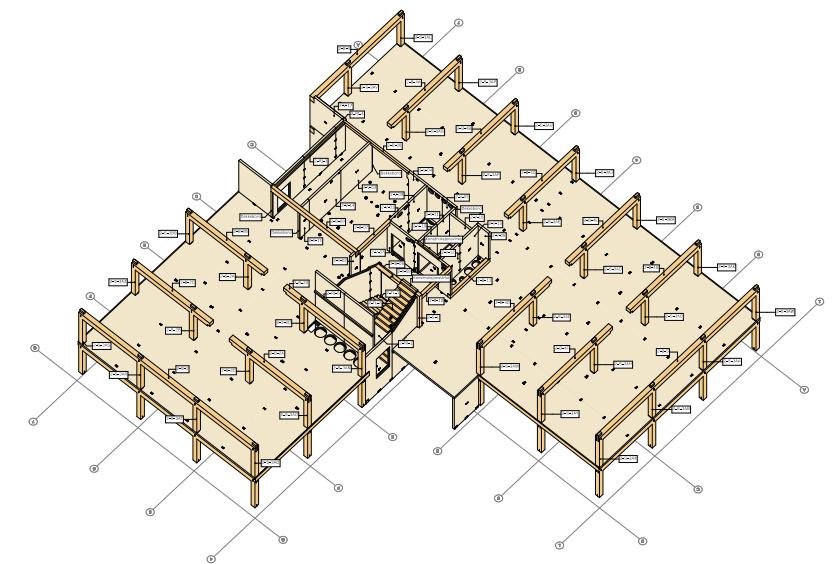
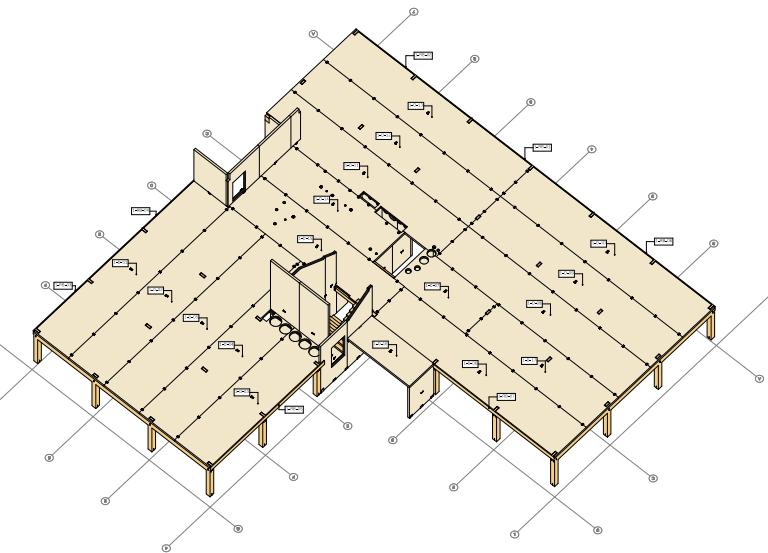
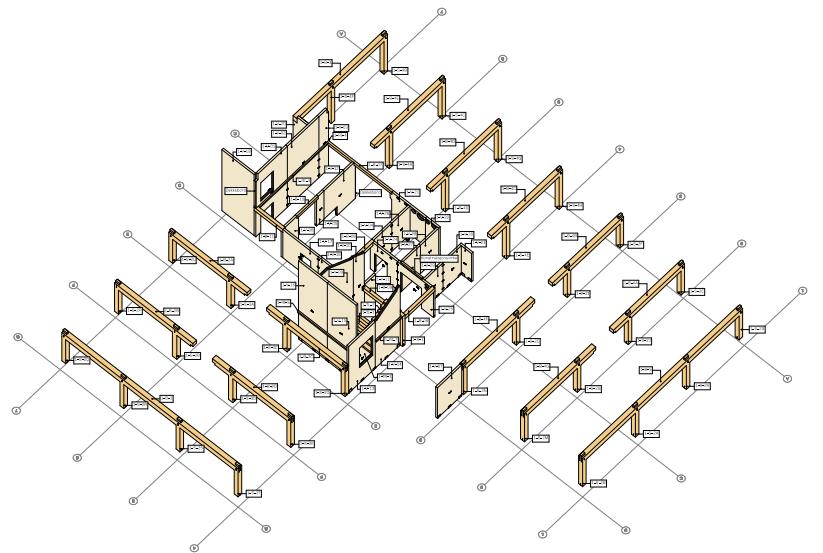
Timber- to timber connectors



MOCK-UP NR. 3 CONSTRUCTION SYSTEM HASLETRE



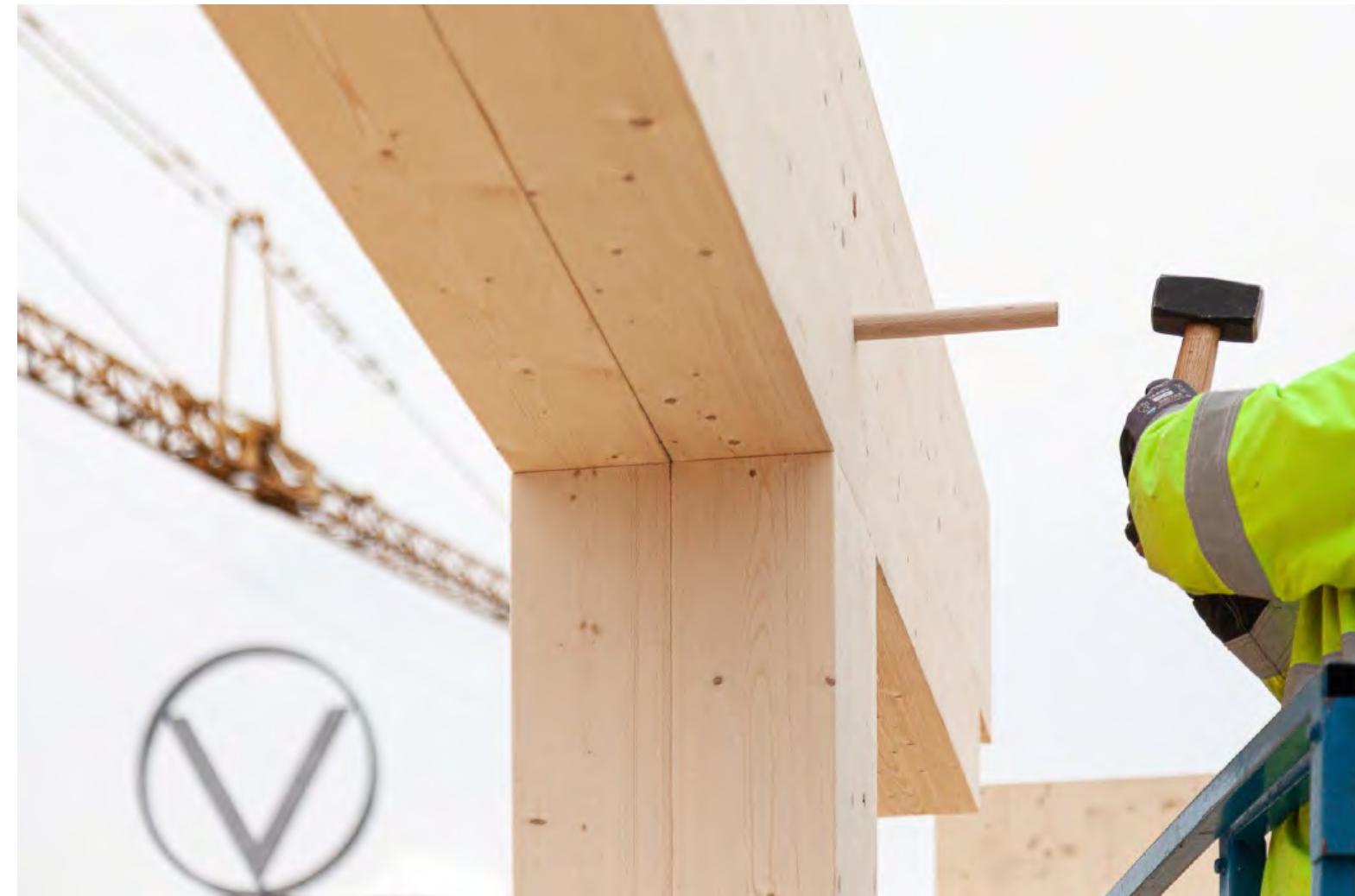
TIMBER CONSTRUCTION CAD 2 CAM



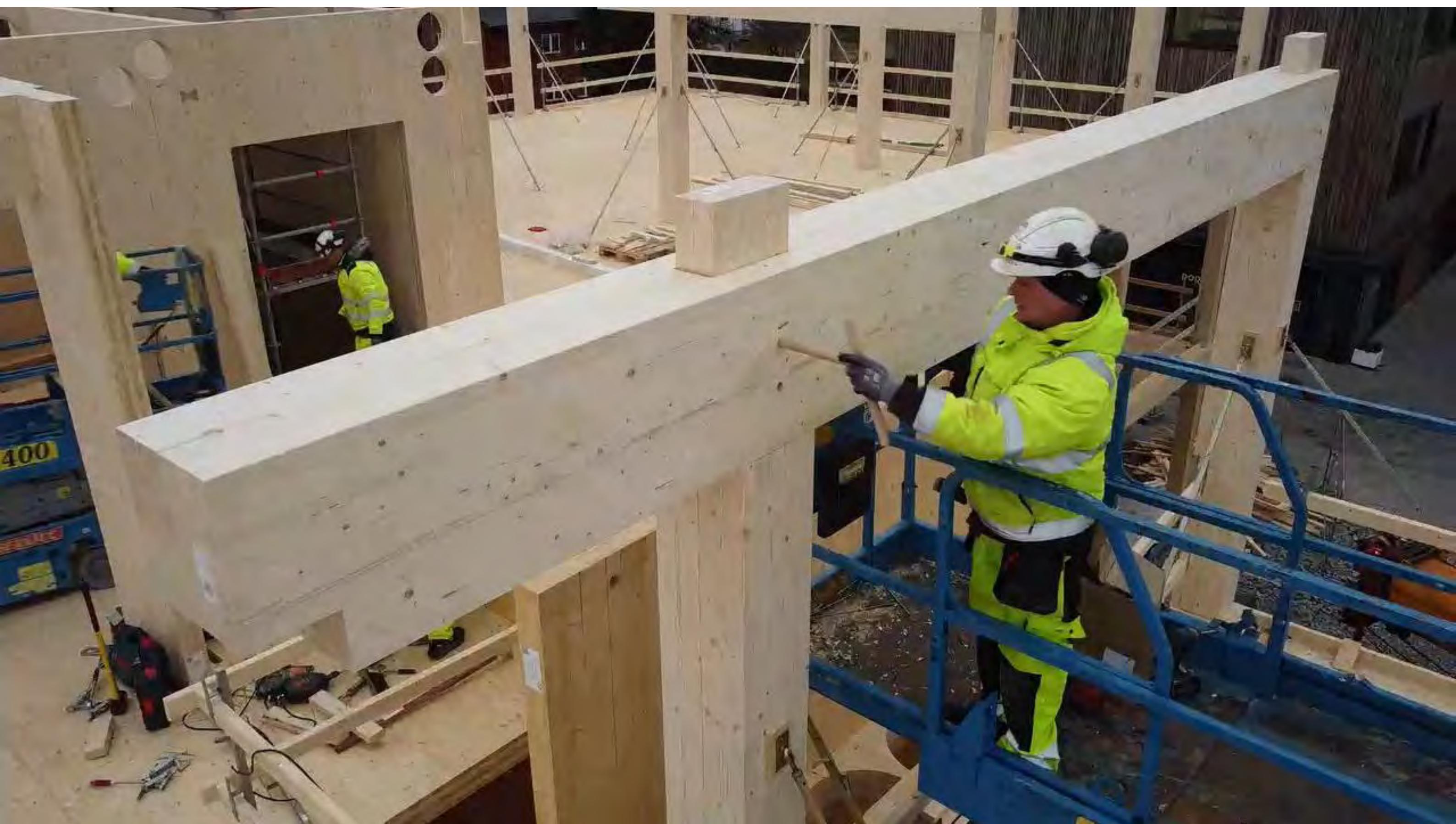
DETAIL GLULAM CONSTRUCTION



DETAIL JOINTS WITH WOODEN DOWELS



DETAIL GLULAM CONNECTION





Tlf: 400 12 400

W

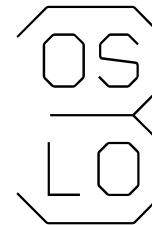
Tlf: 400 12 400

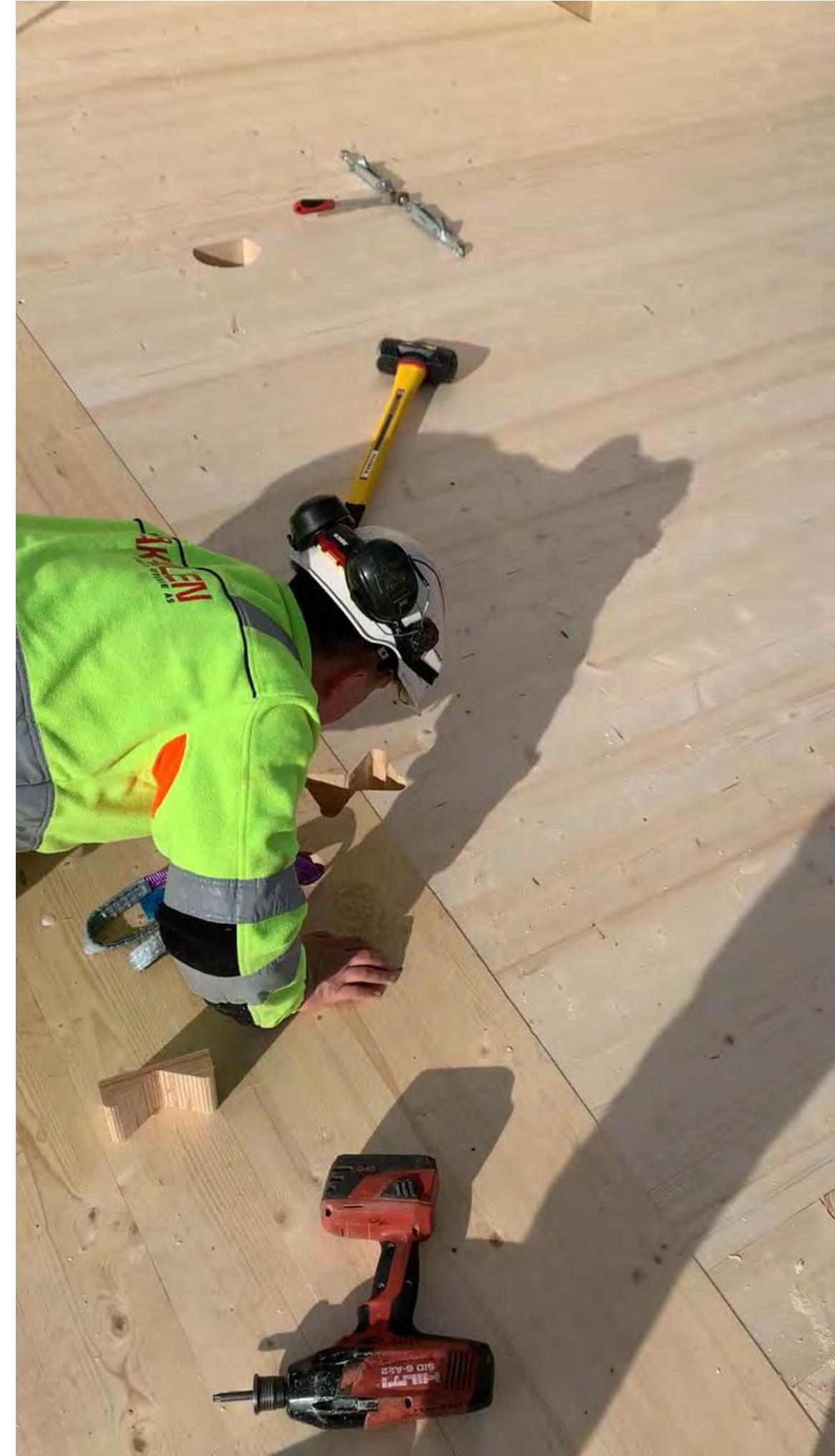
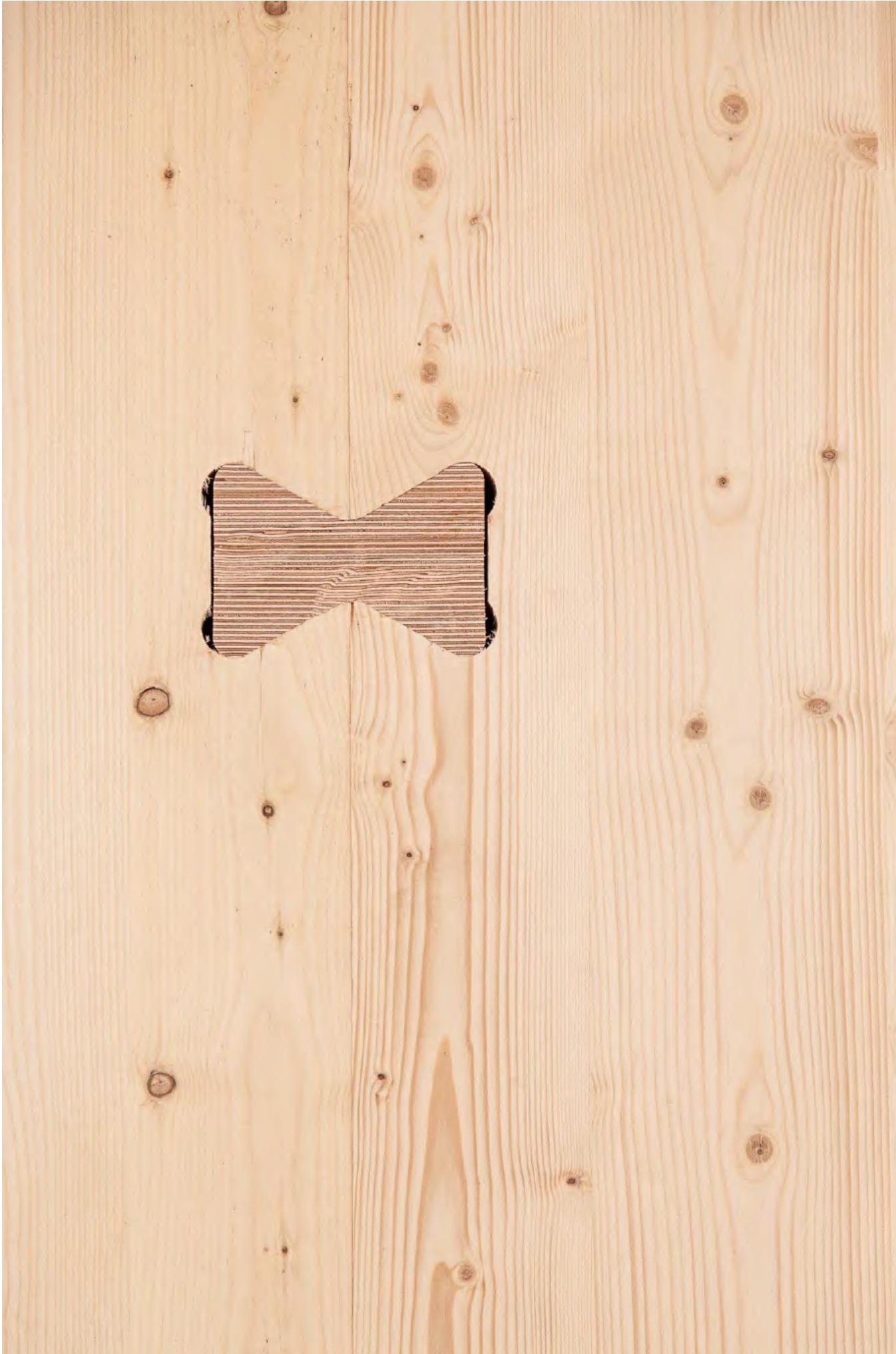


Tlf: 400 12 4



OSLOTRE ARKITEKTER



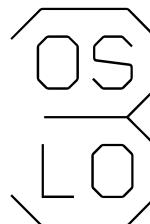


OSLOTRE ARKITEKTER





OSLOTRE ARKITEKTER





REUSE TECHNICAL INSTALLATIONS



MOST OF SINKS AND TOILETS

FLOORING IN SECONDARY ROOMS

VENTILATION AGGREGATES

CARPET IN BASEMENT

SOUND ABSORBANTS

MOSTLY RE-USED FURNITURE



27 Inventory Fixed	BYGNINGSDEL :
Plassering i bygg	BESKRIVELSE
3. og 4. etg	Servanter enkle WC
Mengde	PRODUKTINFO
8 Piece	POTENSIALE
Dimensjoner	L: mm
	Høy potensiale
	W: mm
	H: mm
Prod. år	VURDERING
	God tilstand
Produsent	FORUTSETNING
Duravit el.	Skånsom demontering og lagring
Dokumentasjon	ANBEFALING
NEI	Demontering og om bruk

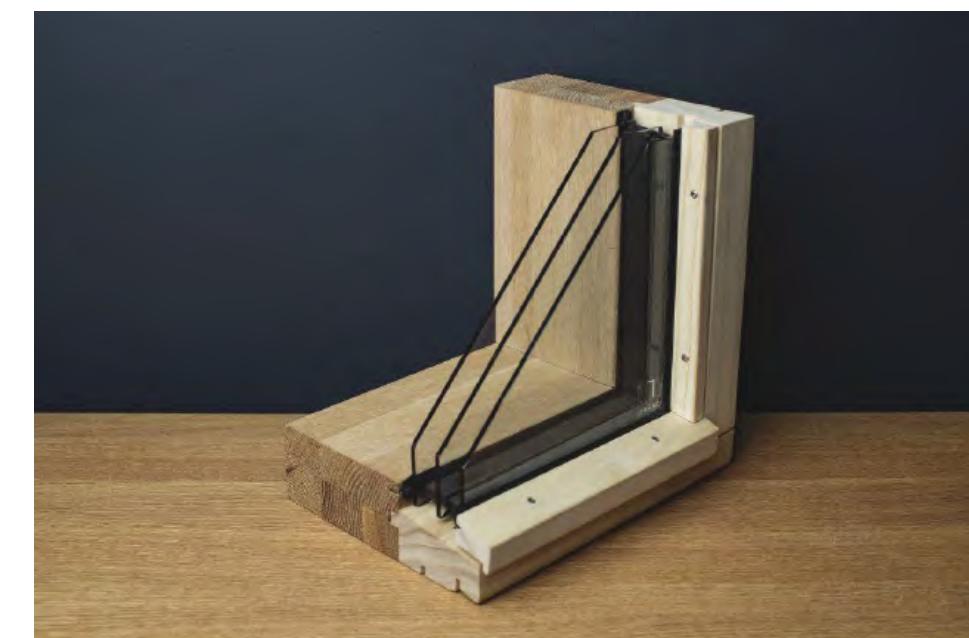
REUSE ACOUSTIC INSULATION



FACADE MODULES

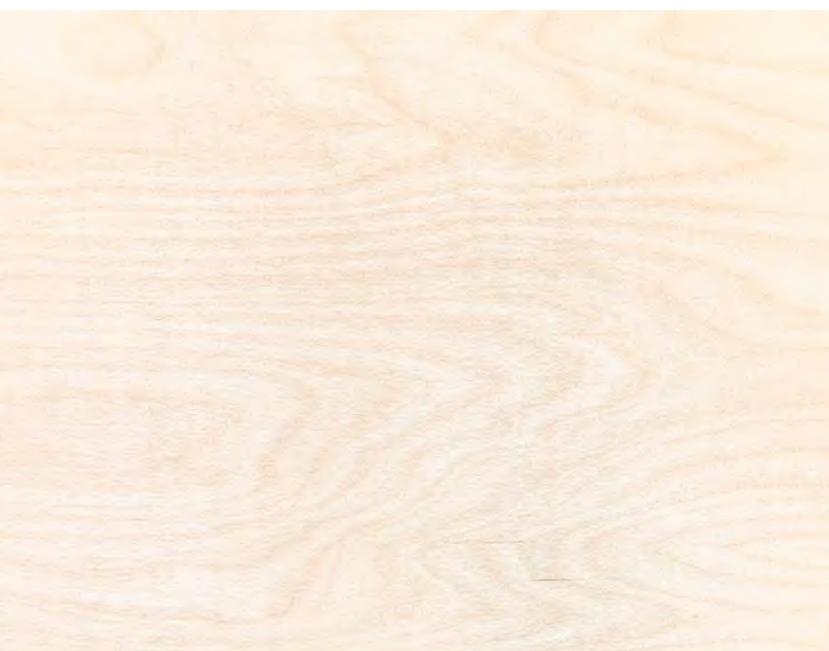


WINDOWS & VENTILATION





REUSE WOODEN NAILS





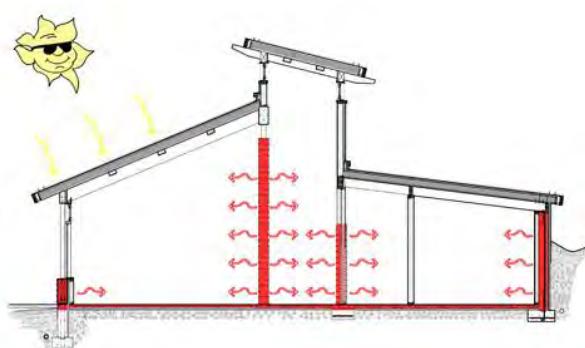
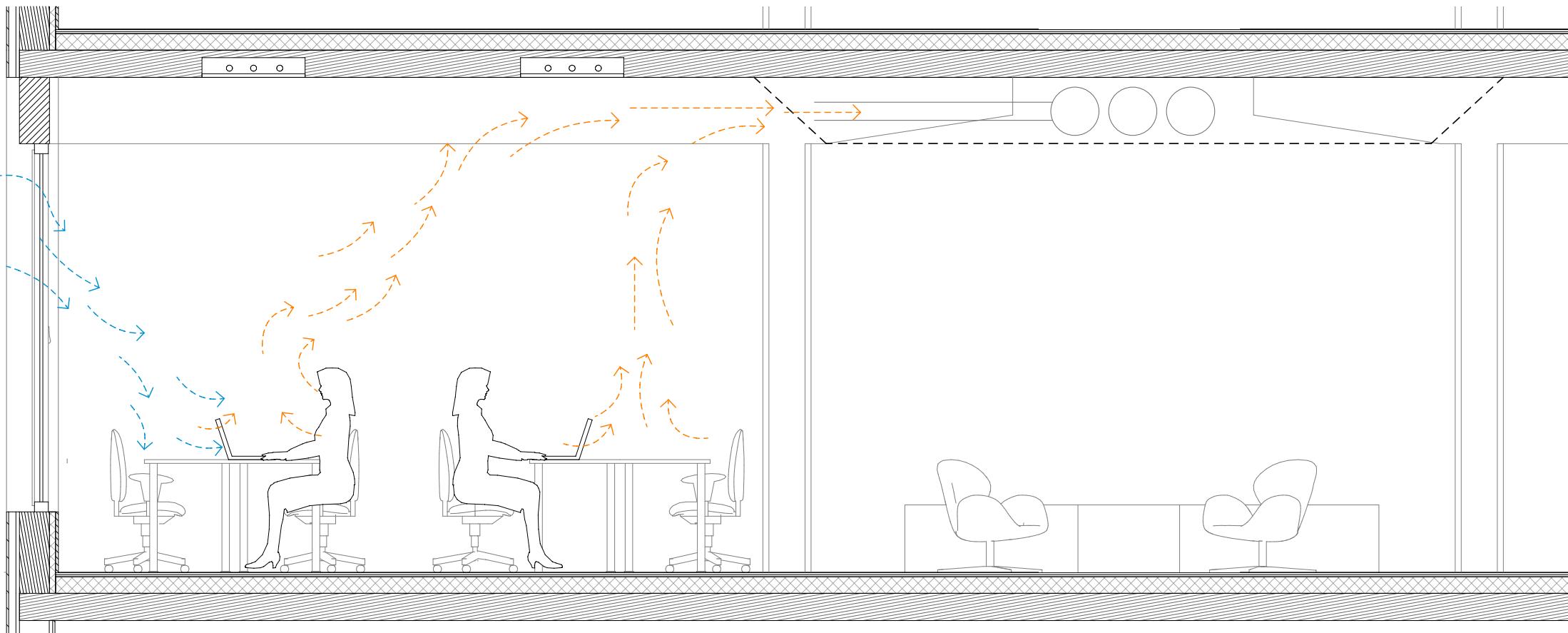
SURFACES CASHMERE GOAT HAIR CARPET AND HARDWAX OIL ON TIMBER CONSTRUCTION



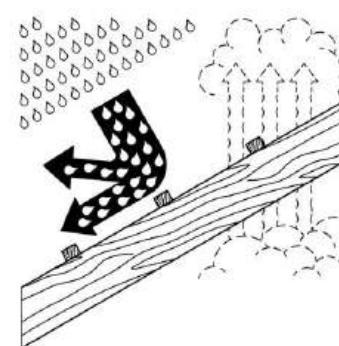
Cashmere Goat Hair
Ribbed Carpet



INTERIOR HYBRID VENTILATION, WOOD & A HEALTHY INDOOR CLIMATE



(HYGRO) TERMIC



DIFFUSION OPEN



BIOLOGICAL



HYGROSCOPIC

ART. 1 – BARNEALDEREN ART. 2 – IKKE-DI
ART. 5 – FORELDREVEILEDNING ART. 6 R
FORELDREOMSORG IKKE-ATSKILLELSE FRA
BARNETS RETT TIL Å GI UTTRYKK FOR S
RELIGIOSFRIHET ART. 15 – ORGANISASJØ
OPPFOSTRING ART. 19 – FOREBYGGELSE AV
FUNKSJONSHEMMDE BARN ART. 24 – HEL
LEVESTANDARD ART. 28 – UTDANNING ART
– HVILE OG FRITID ART. 32 – VERN MOT ØK
SEKSUELL UTRYNTING ART. 35 – VERN MOT
TORTUR/DODSSTRAFF ART. 38 – VÆRNEDØ

03-207
Kastelleneier & arbeid

SKRIMINERING ART. 3 – BARNETS BESTE A
ETTEN TIL LIV ART. 7 – RETTEN TIL NAVN OG
FORELDRE ART. 10 – FAMILIEGJENFORENING
IN MENING ART. 13 – YTRINGS- OG OPP
NSFRIHET ART. 16 – PRIVATLIV, ÆRE, OMD
MISBRUK ART. 20 – FORELDRELOSE BARN
SE ART. 25 – REGELMESSIG KONTROLL MED
29 – UTDANNINGENS FORMÅL ART. 30 – K
ONOMISK UTBYTTING ART. 33 – VERN MOT
BORTFORING, SALG OG HANDEL ART. 36 –
KONFLIKTER ART. 39 – REHABILITERING OG

ART. 1 – BARNEALDEREN ART. 2 – IKKE-DISKRI
MINERING ART. 3 – BARNETS BESTE ART. 4 –
ART. 5 – FORELDREVEILEDNING ART. 6 – RETTE
N TIL LIV ART. 7 – RETTEN TIL NAVN OG NASJO
FORELDREOMSORG/IKKE-ATSKILLELSE FRA FO
ELDRE ART. 10 – FAMILIEGJENFORENING ART.
BARNETS RETT TIL Å GI UTTRYKK FOR SIN I
MENING ART. 13 – YTRINGS- OG OPPLYSNING
RELIGIOSFRIHET ART. 15 – ORGANisasjONSFI
RIHET ART. 16 – PRIVATLIV, ÆRE, OMDOMME A
OPPFOSTRING ART. 19 – FOREBYGGELSE AV MI
SBRUK ART. 20 – FORELDRELOSE BARN ART. 21
FUNKSJONSHEMMED BARN ART. 24 – HELSE A
LEVESTANDARD ART. 28 – UTDANNING ART. 29
– HVILE OG FRITID ART. 32 – VERN MOT OKONO
SEKSUELL UTNYTTING ART. 35 – VERN MOT BOI
TORTUR/DØDSSTRAFF ART. 38 – VÆPNEDE KON

MINERING ART. 3 – BARNETS BESTE ART. 4 –
NALITET ART. 8 – BEVARING AV IDENTITET ART.
11 – ULOVLIG UTFORING OG IKKE-RETUR ART.
SFRIHET ART. 14 – TANKE-, SAMVITTIGHETS-
RT. 17 – MASSEMEDIA ART. 18 – OPPDRAGELS
ADOPSJON ART. 22 – FLYKTNINGBARN ART.
RT. 25 – REGELMESSIG KONTROLL MED PLASSI
ERTE BARN ART. 26 – SOSIAL SIKKERHET ART.
LE, RELIGIOSE OG SPRÅKLIGE RETTIGHETER AR
SKE OG PSYKOTROPE STOFFER ART. 34 – VERN
OT ALLE ANDRE FORMER FOR UTBYTTING ART.
RERING ART. 40 – BEHANDLING I SAKER OM STI





TOILETTES COMPOSITE WOOD



OSLOTRE ARKITEKTER

OS
LO











1

*Every generation of children
offers mankind the possibility
of rebuilding his ruin of a world.*
Eglantyne Jebb





12 months construction time including Detail Engineering

6 months construction time above ground

BREEAM EXCELLENT

60% Greenhouse Gas Reduction compared to reference building

80% reduction in steel usage

60% reuse in movable furniture + 40% upcycled furniture

100% disassemblable and reusable





TAKK ☺

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OSLOTRE.NO

JØRGEN TYCHO

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update on our projects!



OSLOTRE