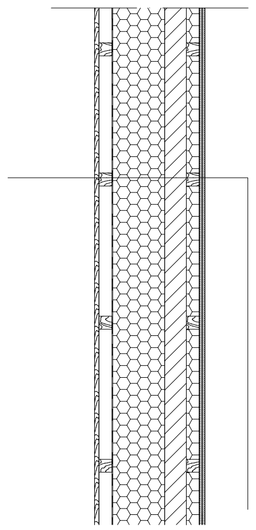
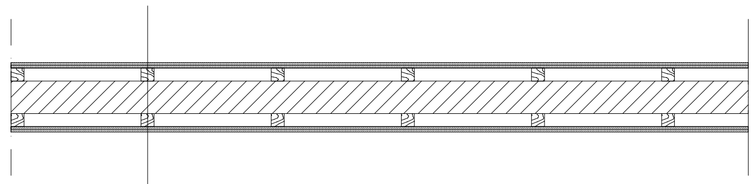
EXTERIOR WALL — SOLID WOOD CONSTRUCTION



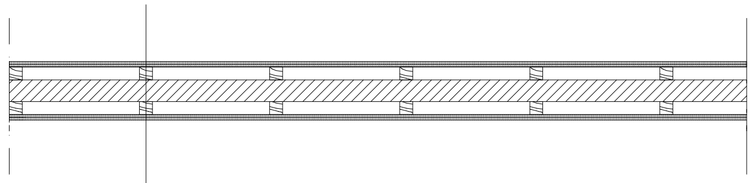
Wood External Wall Cladding covering	3 cm
Wood Battens	6x6 cm
UV Foil (OMEGA)	3 mm
Wood Fibre Isolation	24 cm
3 Layer XLAM Wall	10 cm
Wood Battens	6x6 cm
Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm

INTENAL WALL — SOLID WOOD CONSTRUCTION



Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm
Wood Battens	6x6 cm
XLAM 3-Layer wall	15 cm
Wood Battens	6x6 cm
Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm

INTERNAL WALL



Gypsum fire protection board	1,25 cm
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XLAM 3-Layer Wall	10 cm
Wood Battens	6x6 cm
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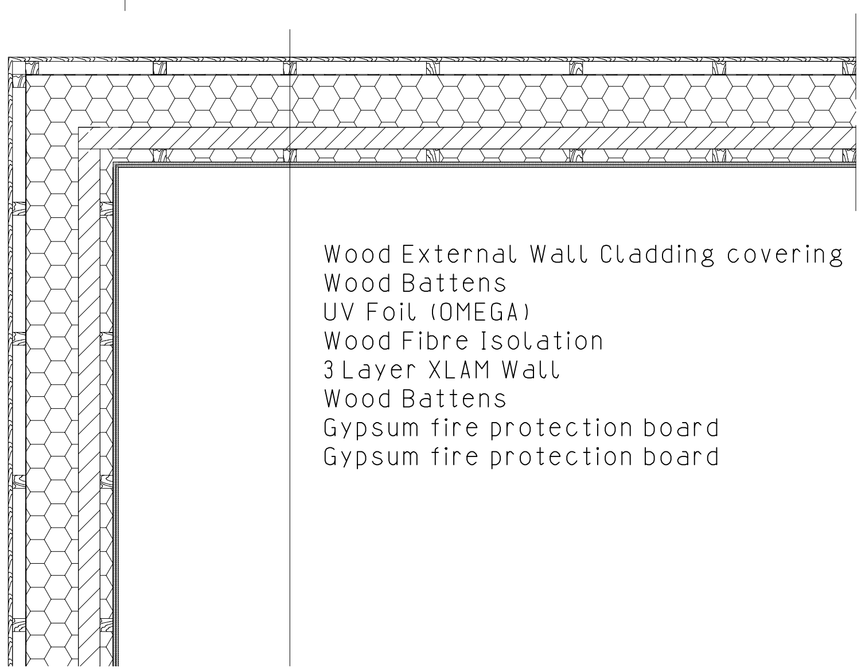

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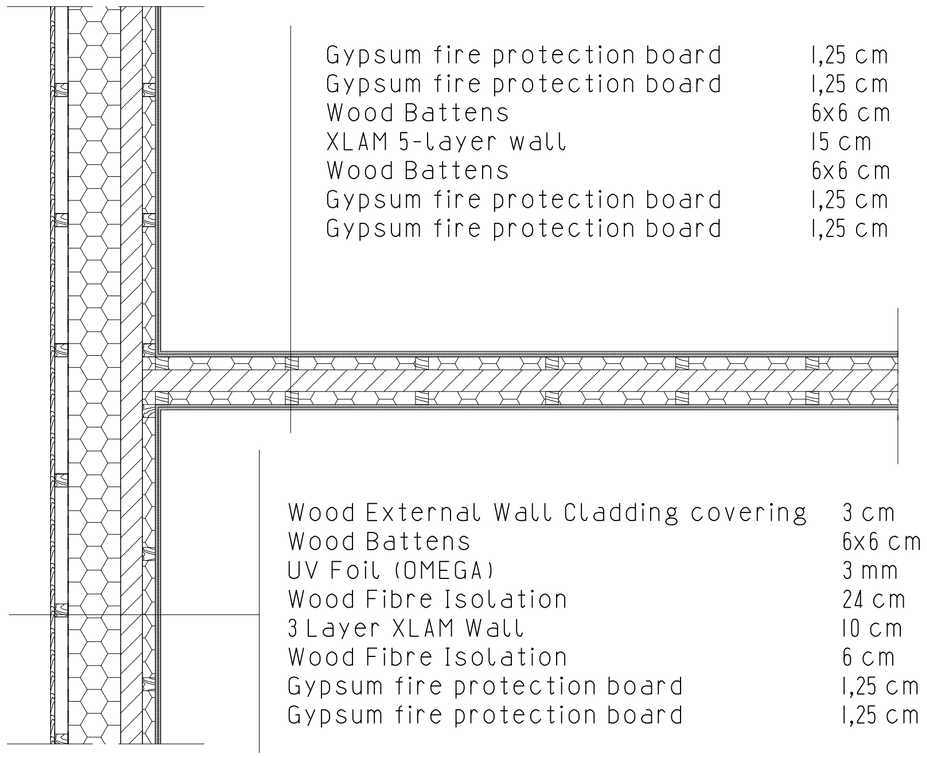
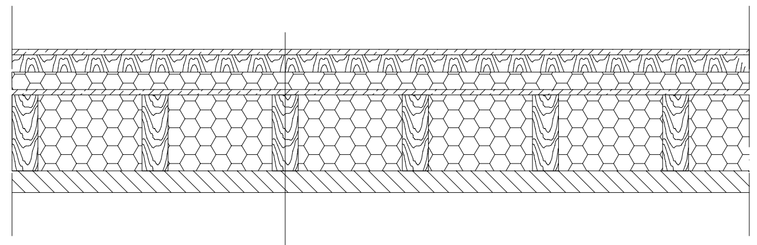


Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm
Wood Battens	6x6 cm
XLAM 5-Layer wall	15 cm
Wood Battens	6x6 cm
Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm

Wood External Wall Cladding covering	3 cm
Wood Battens	6x6 cm
UV Foil (OMEGA)	3 mm
Wood Fibre Isolation	24 cm
3 Layer XLAM Wall	10 cm
Wood Fibre Isolation	6 cm
Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm

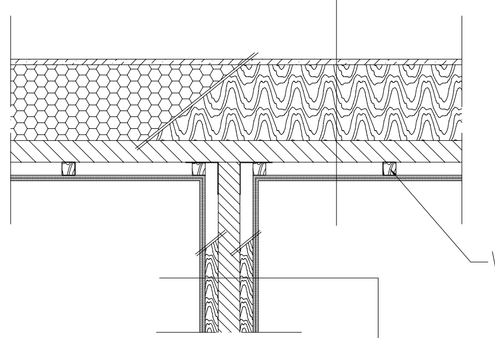
ROOF



HI isolation base on PVC	3cm
OSB board	2,5 cm
Wood battens in inclination for ventilation	8cm
TI and XPS sound isolation	8cm
Vapour barrier	0,02cm
OSB board	2,5 cm
Wood Battens	12x35 cm
XLAM 3-Layers	10 cm

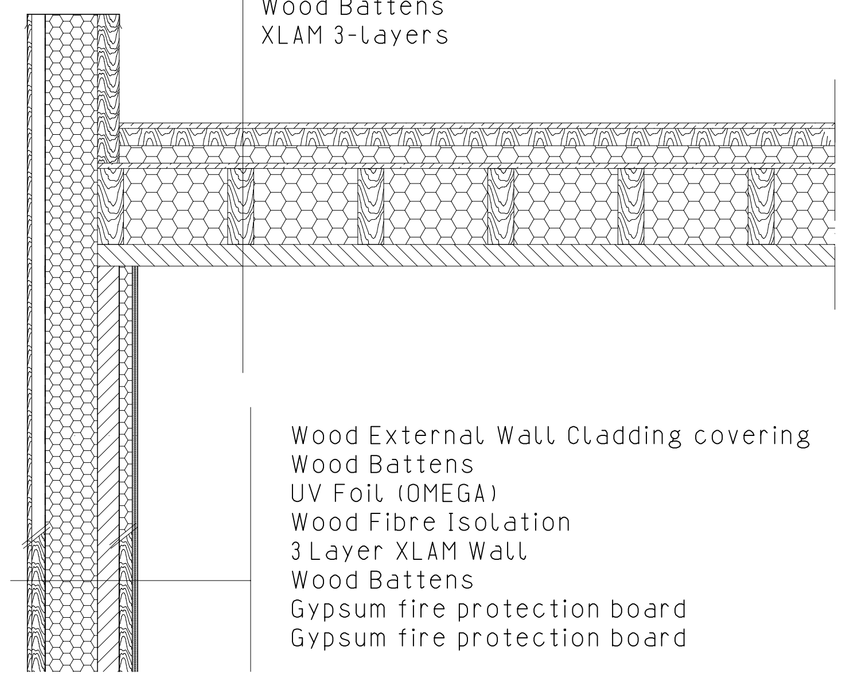
CONECTION OF INTERIOR WALL AND ROOF

OSB board	25 cm
Wood Fibre Isolation	12x35 cm
XLAM 3-Layers	10 cm
Wood Battens	6x6 cm
Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm



Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm
Wood Battens	6x6 cm
XLAM 5-Layer wall	15 cm
Wood Battens	6x6 cm
Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm

CONTACT OF WALL AND ROOF



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OSB board	2,5 cm
Wood battens in inclination for ventilation	8cm
TI and XPS sound isolation	8cm
Vapour barrier	0,02cm
OSB board	2,5 cm
Wood Battens	12x35 cm
XLAM 3-Layers	10 cm

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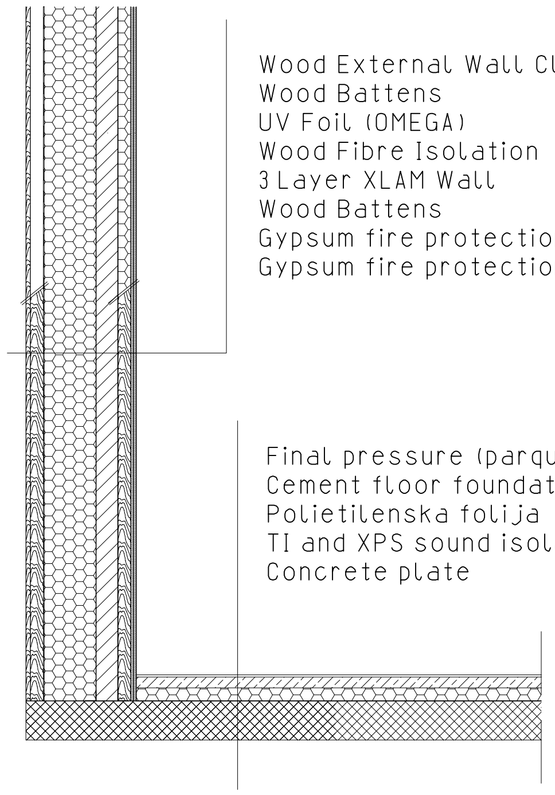

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Gypsum fire protection board	1,25 cm
Gypsum fire protection board	1,25 cm

Final pressure (parquet)	1cm
Cement floor foundation	5cm
Polietilenska folija	0,02mm
TI and XPS sound isolation	6cm
Concrete plate	18cm

SCHOOL CENTRE NOVO MESTO, SLOVENIA
SECONDARY SCHOOL OF CONSTRUCTION,
CIVIL ENGINEERING AND WOOD TECHNOLOGY

SREDNJA GRADBENA IN LESARSKA ŠOLA
ŠOLSKI CENTER NOVO MESTO

PROJECT: UPGRADING OF THE SCHOOL BUILDING
ARCA COMPETITION

PROJECT TEAM: JERNEJ KORETIČ, student
TIM LUKMAN, student

MENTORS: MIRKO GORENC

PLANS: **UPGRADED FLOOR**
DETAILS OF CONSTRUCTION

DATE: april, 2014

SCALE: 1:20

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