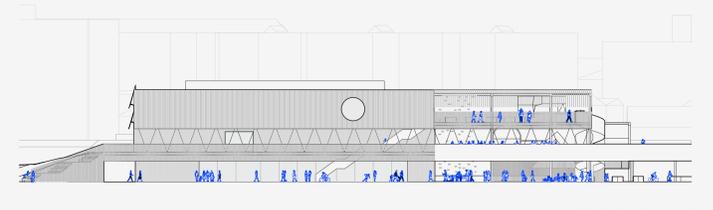
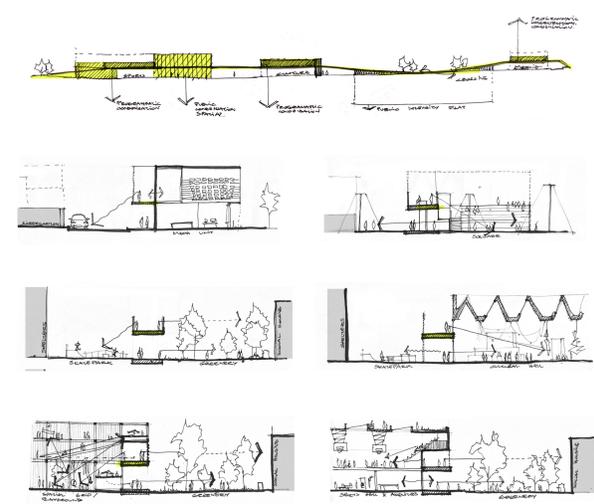
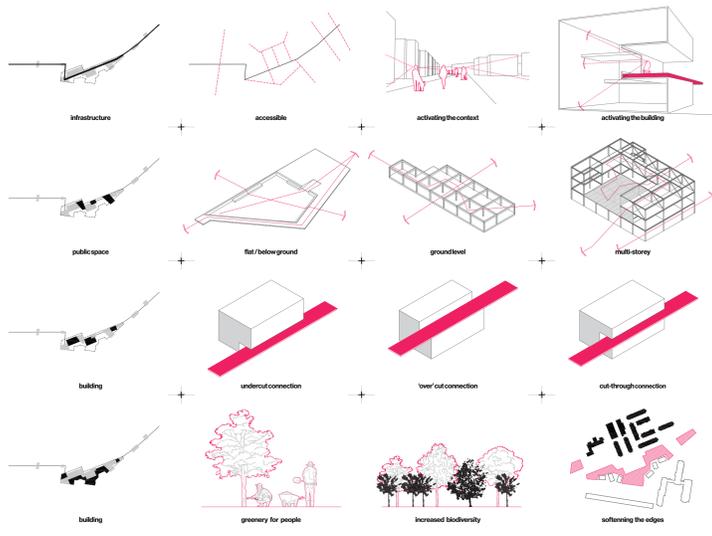
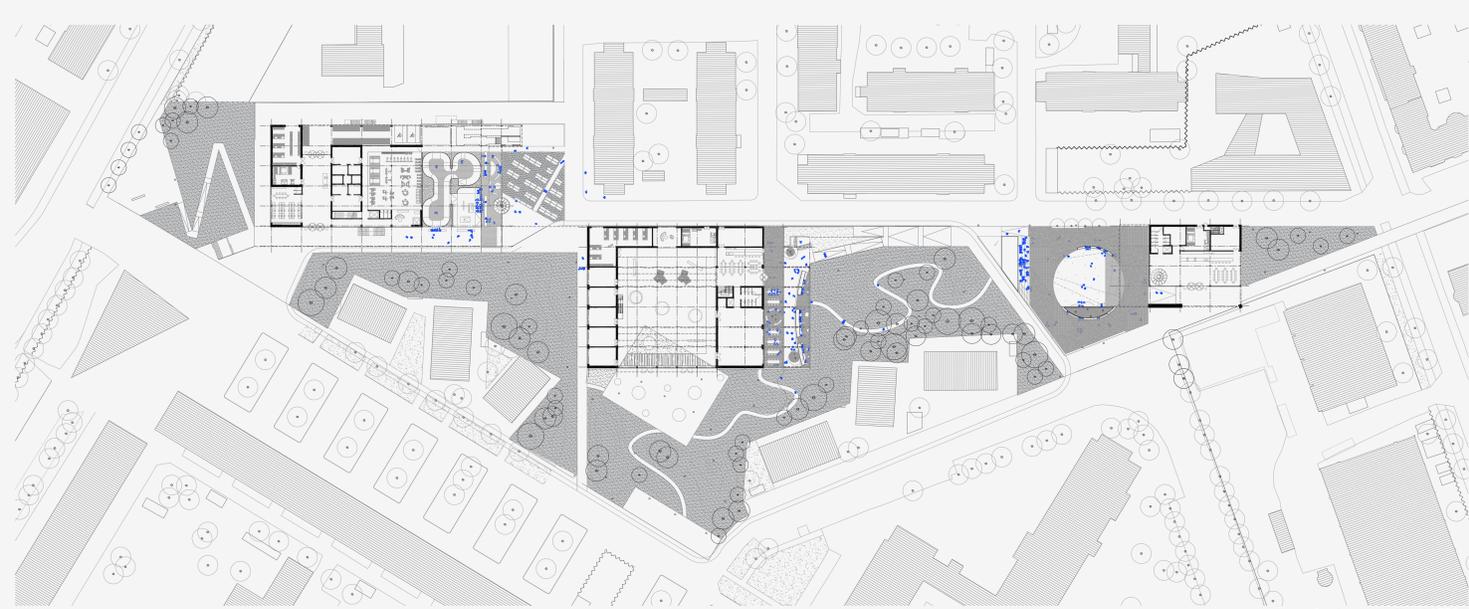
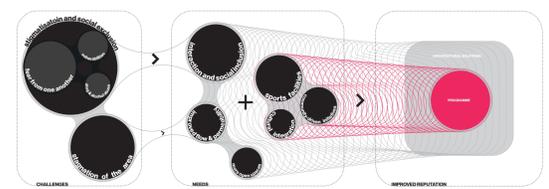
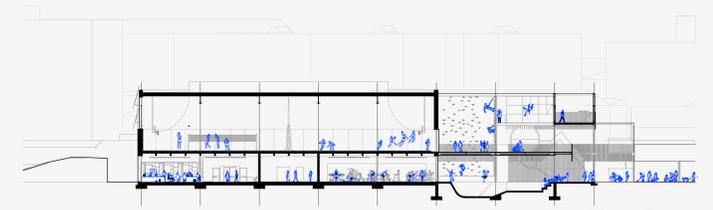


condense - "make something more dense or concentrated"

con- archaic form of classical latin cum "together, together with, in combination"  
dense- from Latin densus "thick, crowded"



sports hall\_elevation\_south



sports hall\_section\_south



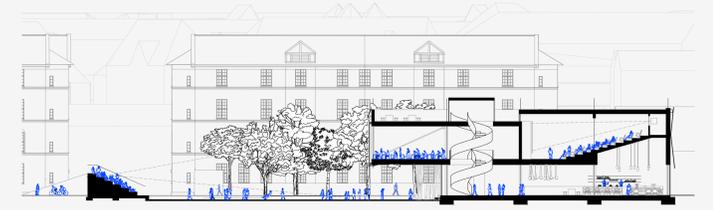
fabriken\_elevation\_south



fabriken\_section\_south



media unit\_elevation\_south



media unit\_section\_south

nominal scale 1:250 on A3



mikolaj chmiel

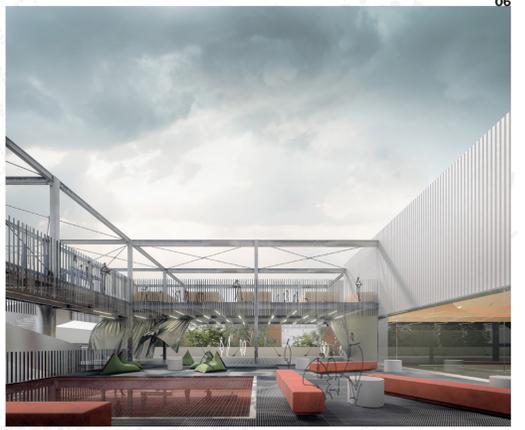
P5 // 19\_06\_25

public building graduation studio



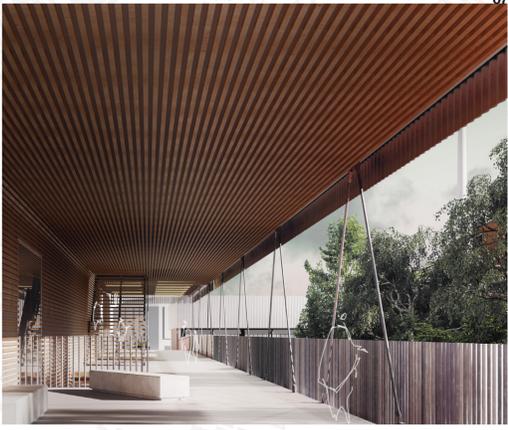
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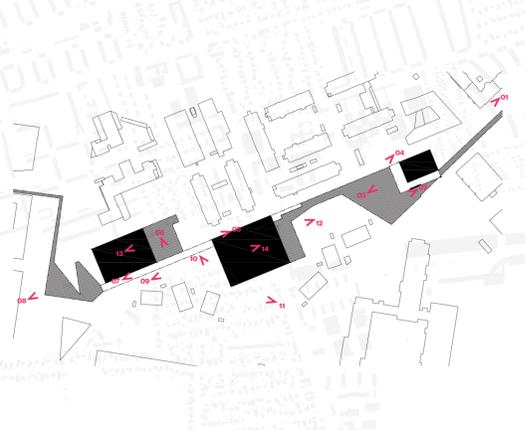
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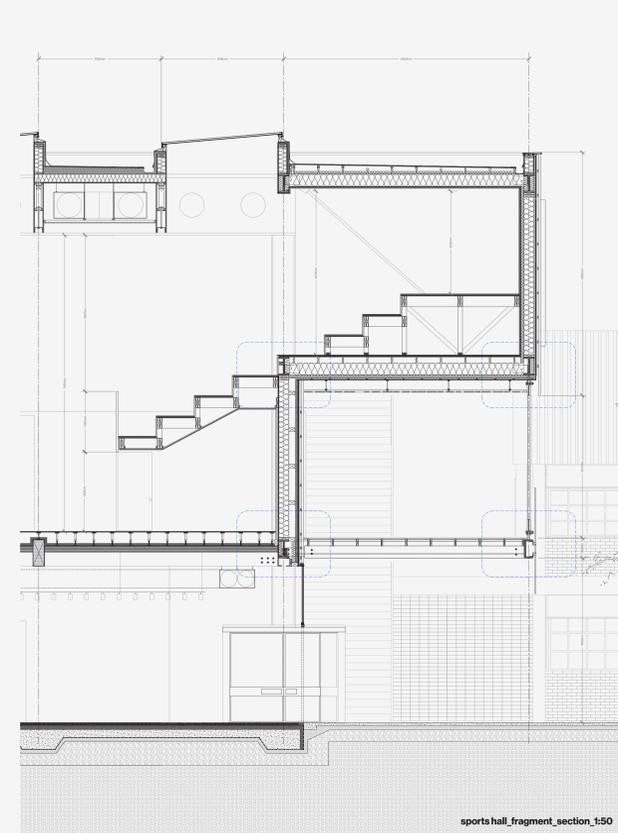
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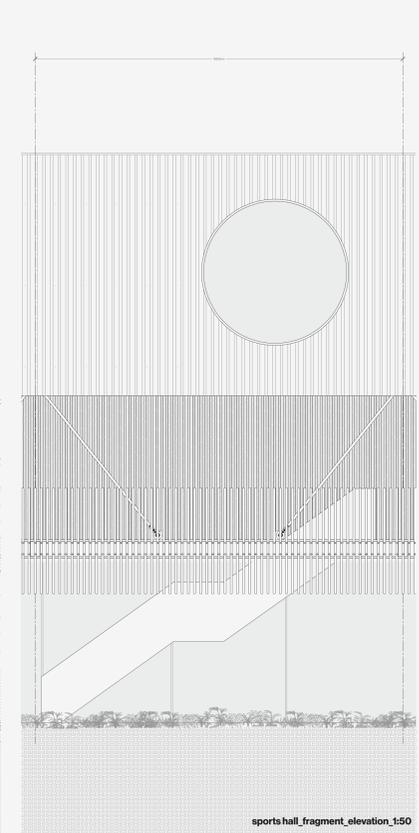
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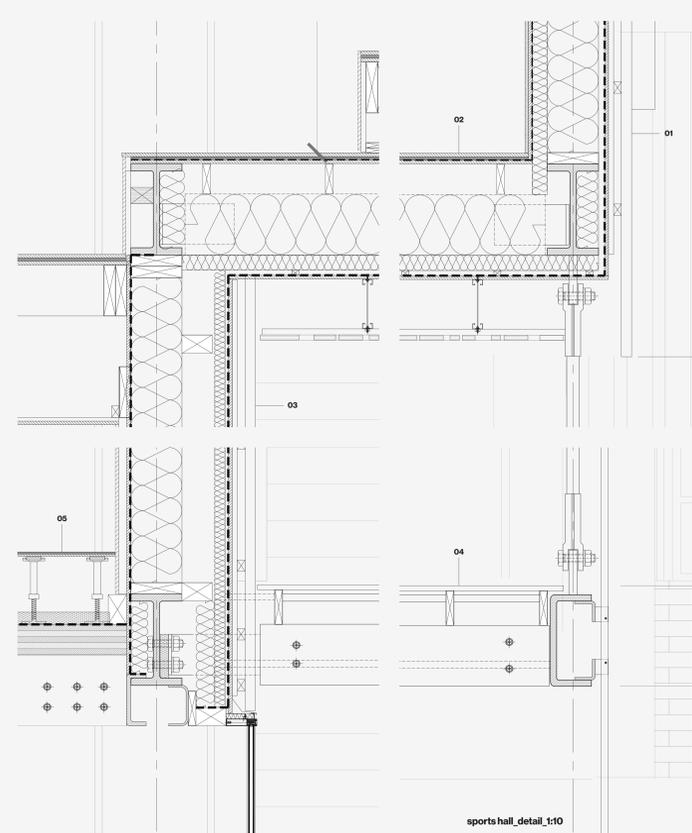




sports\_hall\_fragment\_section\_1:50



sports\_hall\_fragment\_elevation\_1:50



sports\_hall\_detail\_1:10

**01 external wall type A**  
 composite metal sheet 50mm  
 counter battens 30x50mm at 600mm centres  
 battens 30x50mm  
 OSB board 18mm  
 breather membrane  
 air gap 30mm  
 hemp insulation 200 x 75mm  
 100x200mm steel column  
 vapor control membrane  
 gypsum board 150mm  
 internal finish

**02 hybrid steel & timber floor**  
 floor finish 18mm  
 sound insulation wool 200mm  
 vapor control membrane  
 plywood 18mm  
 timber joists 30x100mm at 600mm centres  
 hemp insulation 200 x 75mm  
 steel joist 100mm  
 air gap 20mm  
 breather membrane  
 OSB board 18mm  
 suspended (270mm) wooden ceiling 25mm  
 hidden lighting fixtures

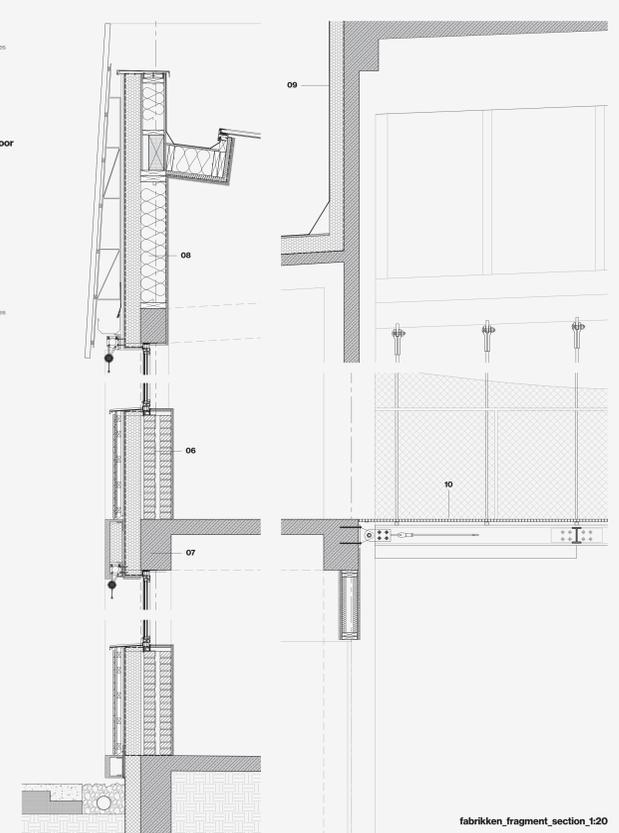
**03 external wall type B**  
 timber battens fixed 50x100mm  
 counter battens 30x50mm at 600mm centres  
 battens 30x50mm  
 OSB board 18mm  
 breather membrane  
 air gap 30mm  
 hemp insulation 200mm  
 air gap 100mm to accommodate column  
 hemp insulation 200mm  
 100x200mm steel column  
 vapor control membrane  
 gypsum board 150mm  
 battens 30x50mm  
 plywood internal finish

**04 steel & timber deck**  
 composite timber deck 25mm  
 timber joists 30x100mm at 600mm centres  
 glulam beam 300mm  
 r/steel - beam 350mm

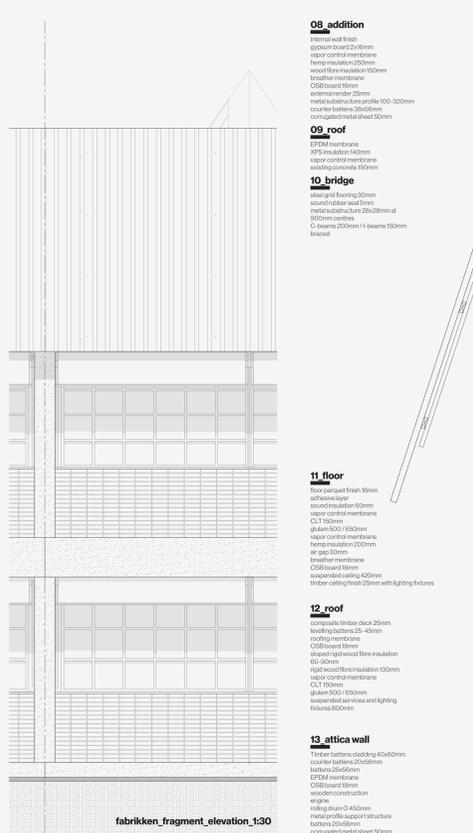
**05 sports floor**  
 timber joist 30x100mm  
 metal substructure 15mm  
 metal support structure 100 x 100mm  
 sound insulation 100mm  
 CLT floor 100mm  
 glulam beam 150 x 350mm  
 suspended ceiling with lighting fixtures 800mm

**06 external wall type A**  
 metal finish  
 gypsum board 12x15mm  
 heating panel brick wall 100/100/100mm  
 heating battens  
 rigid wood fibre board 100mm  
 breather membrane  
 OSB board 18mm  
 battens 30x50mm  
 counter battens 30x50mm  
 sheathing layer  
 mesh reinforced mortar layers  
 concrete finish 20mm

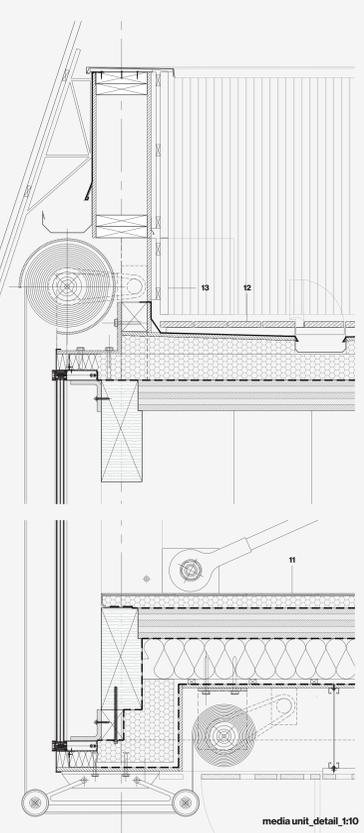
**07 external wall type B**  
 hanging concrete beam 100mm  
 rigid wood fibre insulation 100mm  
 breather membrane  
 OSB board 18mm  
 XPS insulation 50mm  
 control panel 45mm



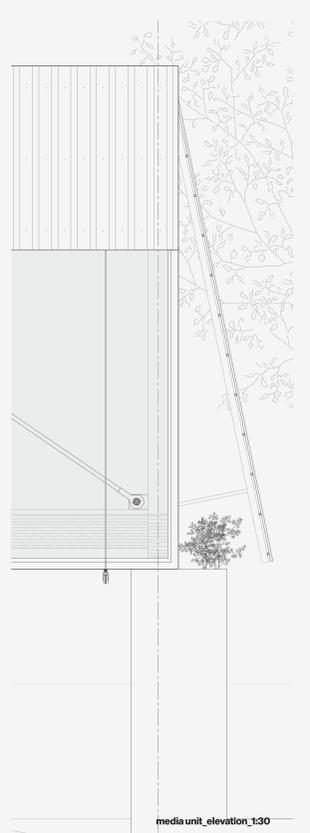
fabrikken\_fragment\_section\_1:20



fabrikken\_fragment\_elevation\_1:30



media\_unit\_detail\_1:10



media\_unit\_elevation\_1:30

**08 addition**  
 internal wall finish  
 gypsum board 12x15mm  
 vapor control membrane  
 hemp insulation 200mm  
 wood fibre insulation 100mm  
 breather membrane  
 OSB board 18mm  
 counter battens 30x50mm  
 metal substructure profile 100 x 100mm  
 composite metal sheet 50mm

**09 roof**  
 EPDM membrane  
 XPS insulation 140mm  
 vapor control membrane  
 existing concrete 150mm

**10 bridge**  
 steel joist 30x100mm  
 sound insulation wool 50mm  
 metal substructure 200x200mm at 600mm centres  
 CLT beams 200mm x 100mm  
 trussed

**11 floor**  
 floor panel finish 18mm  
 acoustic board  
 sound insulation 400mm  
 vapor control membrane  
 CLT 100mm  
 glulam joist 140x100mm  
 vapor control membrane  
 hemp insulation 200mm  
 air gap 30mm  
 breather membrane  
 OSB board 18mm  
 suspended ceiling 400mm  
 timber ceiling finish 25mm with lighting fixtures

**12 roof**  
 composite timber deck 25mm  
 roofing battens 25 x 45mm  
 OSDF membrane  
 sloped rigid wood fibre insulation 60 x 30mm  
 rigid wood fibre insulation 100mm  
 vapor control membrane  
 CLT 100mm  
 glulam joist 140x100mm  
 suspended services and lighting fixtures 800mm

**13 attic wall**  
 timber battens cladding 40x60mm  
 counter battens 20x50mm  
 battens 20x50mm  
 OSB board 18mm  
 EPDM membrane  
 wooden construction  
 engine  
 metal joist CLT addition  
 metal profile support structure  
 battens 20x50mm  
 composite metal sheet 50mm

