

Roof construction

Recycled glass 60 mm
Protective mat 10 mm
Roof finish 2 layers
Timber boarding 27 mm
Rafter, 100 x 120 mm 120 mm
Timber sole plates, 100 x 120 mm 120mm
Insulation 120 mm
Vapour barrier
Novophen board 25 mm
Concrete slab 210 mm

Wall construction

Facade fastener

Timber board (Thickness varied)
170 mm x 20 mm, 170 mm x 30 mm,
170 mm x 65 mm, 170 mm x 75 mm,
170 mm x 90 mm

Ventilated cavity 30 mm
Thermal insulation 100 mm
Concrete wall 200 mm

Deck construction

Concrete flags 50 mm
Gravel 40 mm
Roofing membrane
Insulation 100mm
Vapour barrier
Screed 20 mm
Concrete slab 660 mm

Balcony construction

Glazingl 1000 mm x 30mm
Wood panel 35 mm
Screed 40 mm
Vapour barrier
Impact sound insulation 45 mm
In situ concrete slab 660 mm

Floor construction

Floor heating 45 mm
Screed 40 mm
Separating layer
Impact sound insulation 20 mm
In situ concrete slab 660 mm

Wall construction

Clay Masonry 120mm x 50mm
Clay Masonry 50mm x 50mm

Aluminum frame 1750mm x 1250mm
Ventilated cavity 30 mm
Thermal insulation 100 mm
In situ concrete wall 200 mm
Plaster

Floor construction

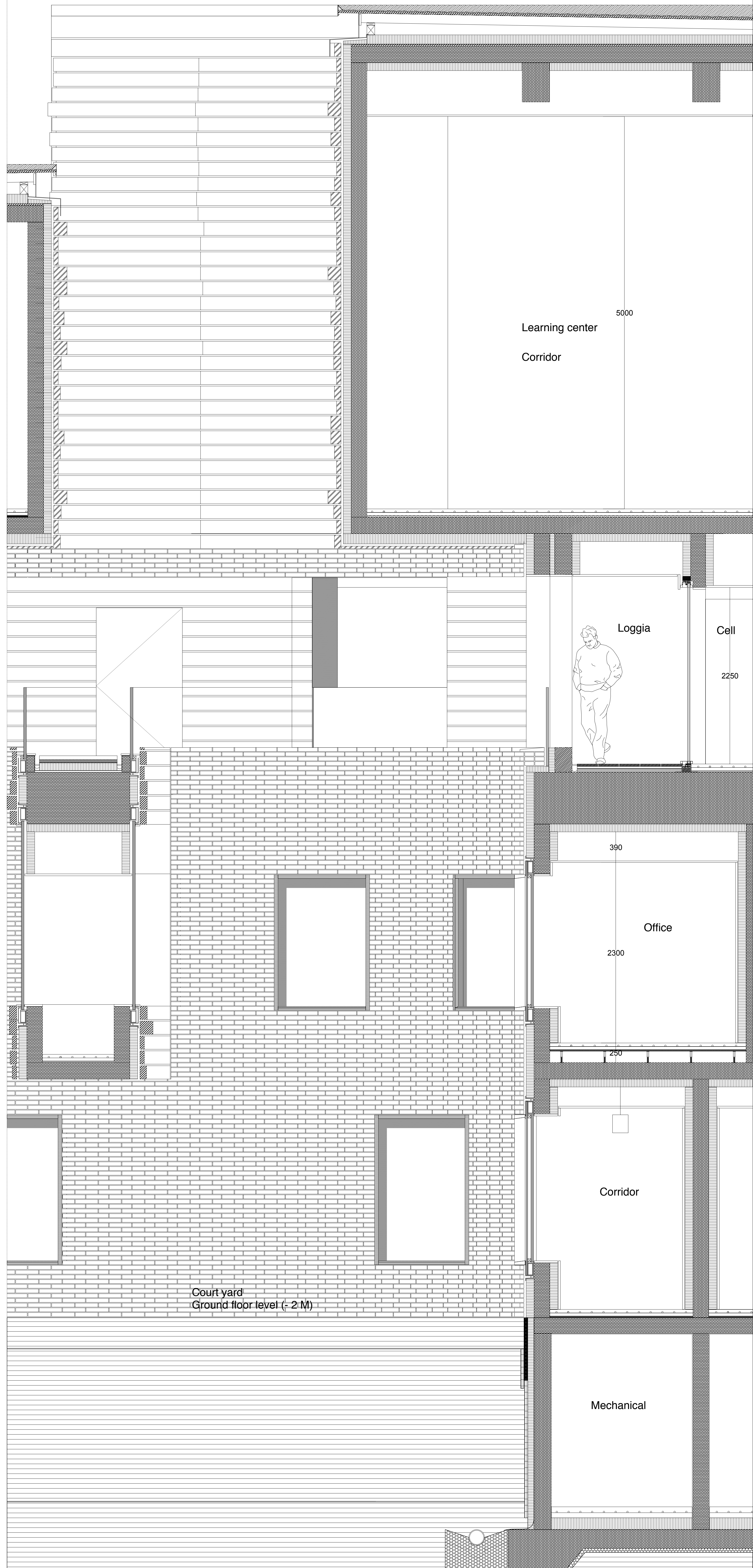
Floor heating 45 mm
Screed 40 mm
Separating layer
Impact sound insulation 20 mm
Concrete slab 200 mm

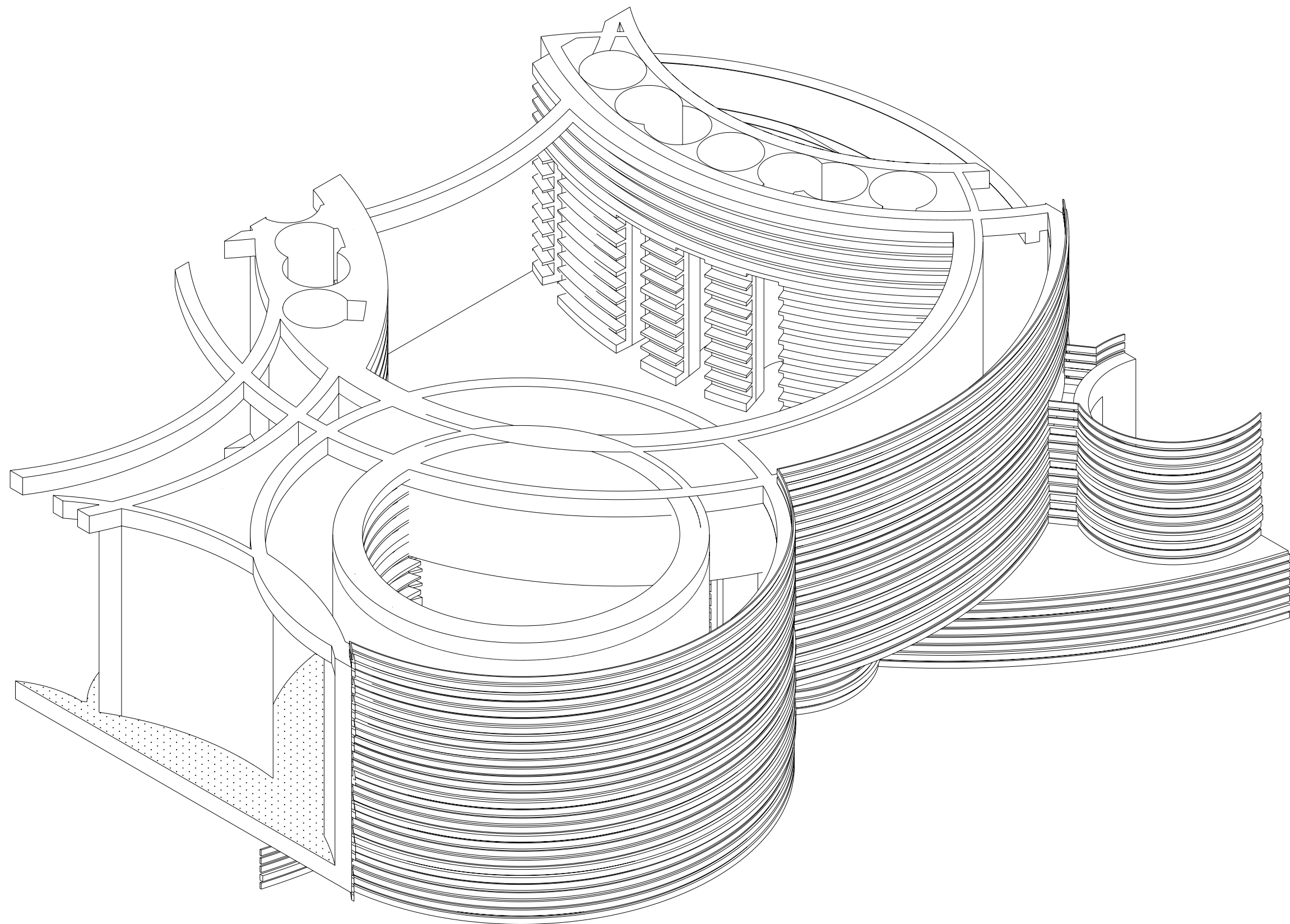
Wall construction, heated basement

Plinth element 50mm
Insulation 80 mm
Water proofing 2 mm
In situ concrete wall 220mm

Floor construction, heated basement

Floor heating 75 mm
Screed 65 mm
Separating layer
Insulation 150 mm
Damp-proof membrane
Concrete ground slab 240 mm
Lean concrete 50 mm





Learning center
System of repetition
: Horizontality and hermitic spatial quality