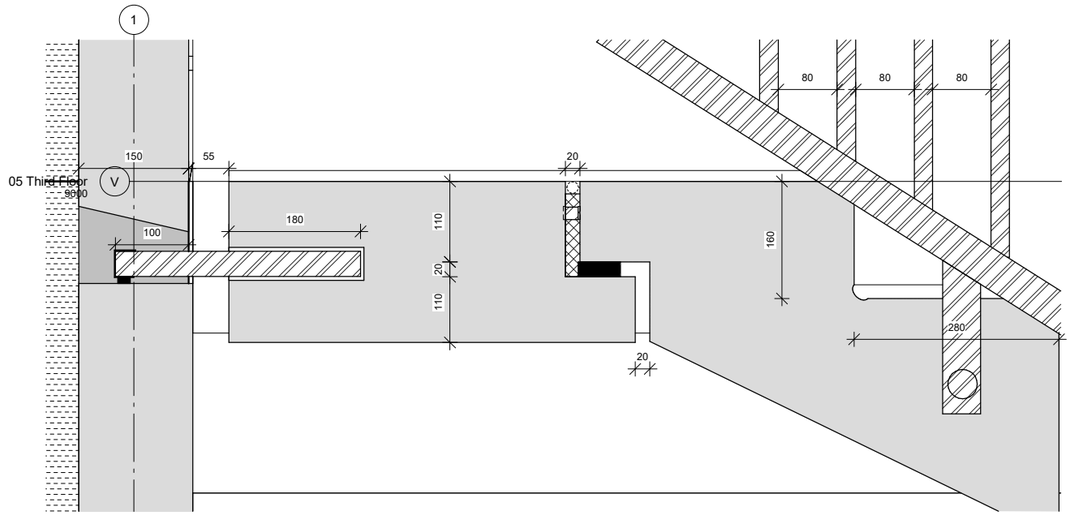


External wall:
Outer leaf: 108mm brick
Cavity: 51mm air gap
240mm mineral wool
Inner leaf: 150mm pre fabricated concrete inner leaf

Fire requirement: REI 60 A2 s1 d0
U value requirement: 0.30 W/m²K
U value actual: 0,13 W/m²K

Internal stairs:
Straight run stairs 1.1 from Dalton
Concrete prefabricated stairs
1000mm wide
280mm going
160mm rise
1100 steel railing connected to concrete stairs by steel screws

Landing:
240mm prefabricated concrete landing

Floor partition - staircase :
205mm Concrete screed
220mm Concrete slab

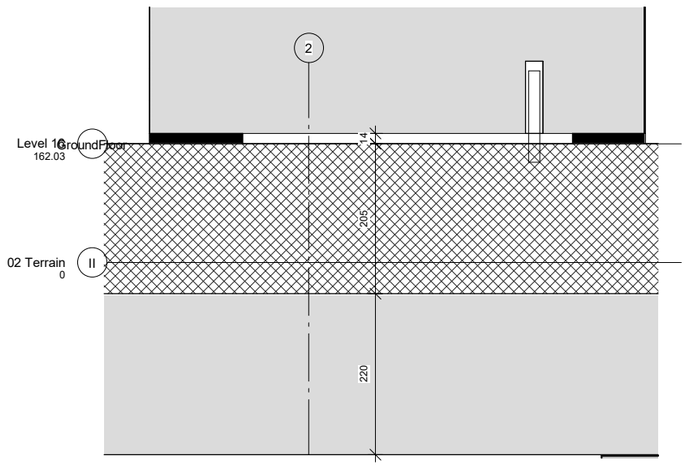
Fire requirement: REI 60 A2 s1 d0

Stairs landing/external wall connection:
Landing of the stairs is connected to the inner leaf of external wall by a steel dorn
A hole in the inner leaf with a slope allows for the area to be casted with concrete when the connection is done.
The dorn is surrounded by neoprene on the edge and is resting on a adjusting wedge.
Distance of 50mm between inner leaf and concrete landing

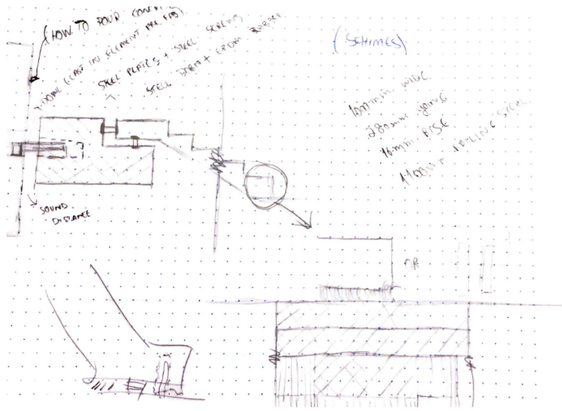
Stairs landing/steps connection:
The landing of the stairs is connected to the concrete steps by a steel dowel inside a 20mm cavity
The top step is resting on a layer of neoprene
Cavity can be filled with concrete

Bottom connection of stairs/groundfloor slab:
Dowel for high adjustment and neoprene on both edges

Internal stairs detail



Bottom stairs/groundfloor



Stairs hand sketch

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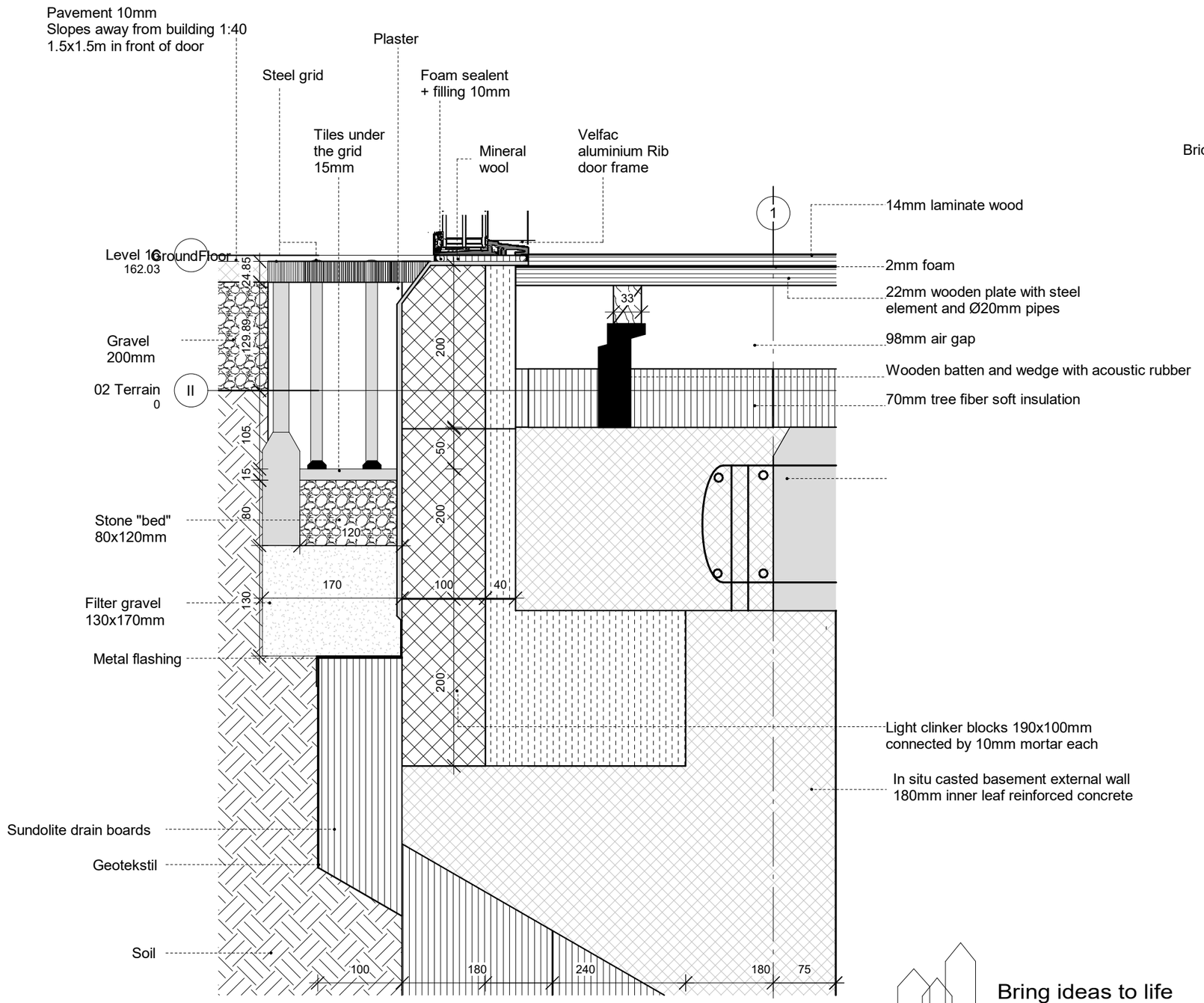
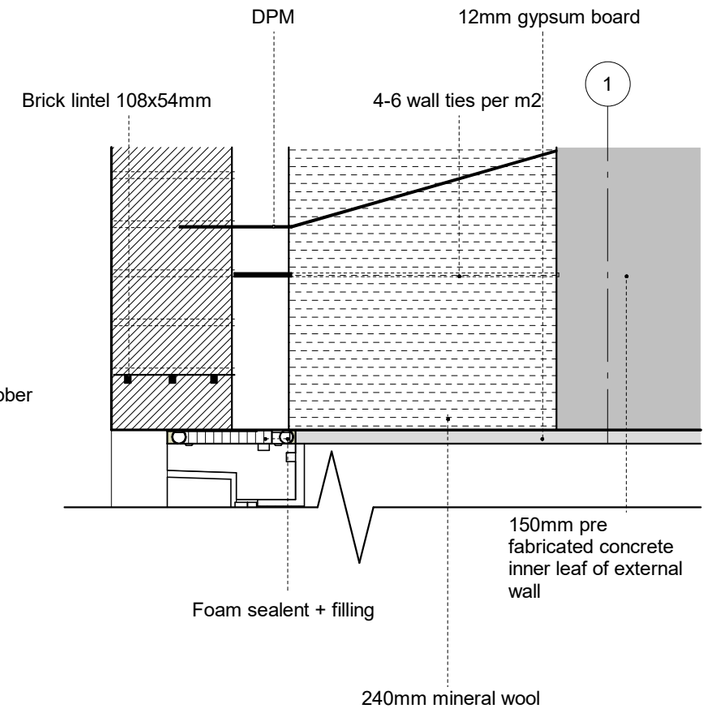
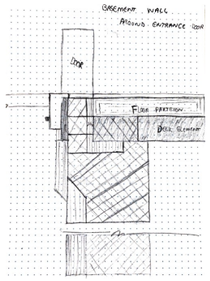
BYGGESAG:	DATO: 10/30/22	**Internal stairs detail**
EMNE: Internal stairs detail	MÅL: As indicated	
UDFØRT AF: Ana Araújo	KLASSE:	

Basement/Deck
Element level acess







Detail sketch

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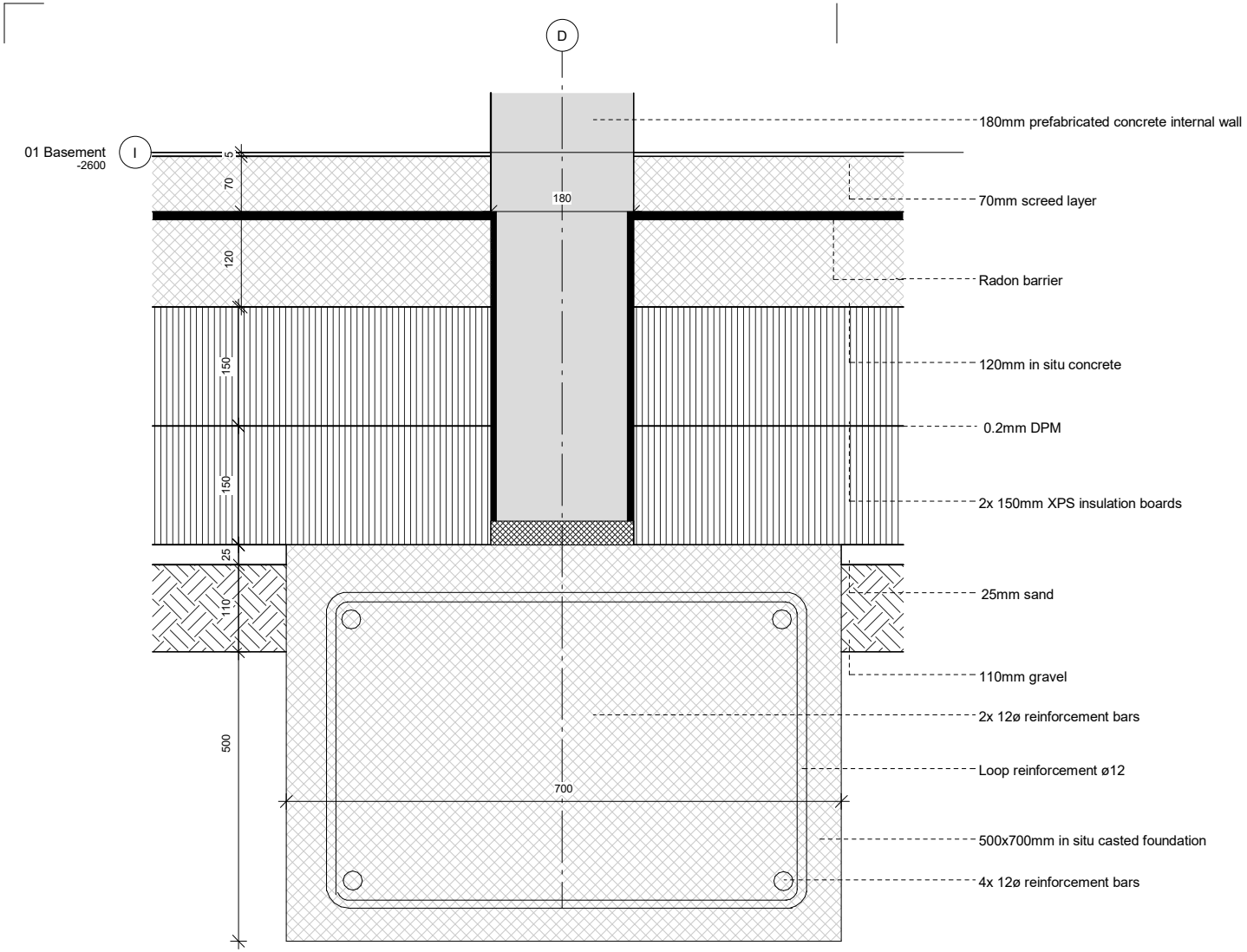
BYGGESAG:	DATO: 10/18/22	**Basement/Deck Element level acess**
EMNE: Details	MÅL: 1 : 5	
UDFØRT AF: Ana Araújo	KLASSE:	

Internal load bearing wall/foundation detail



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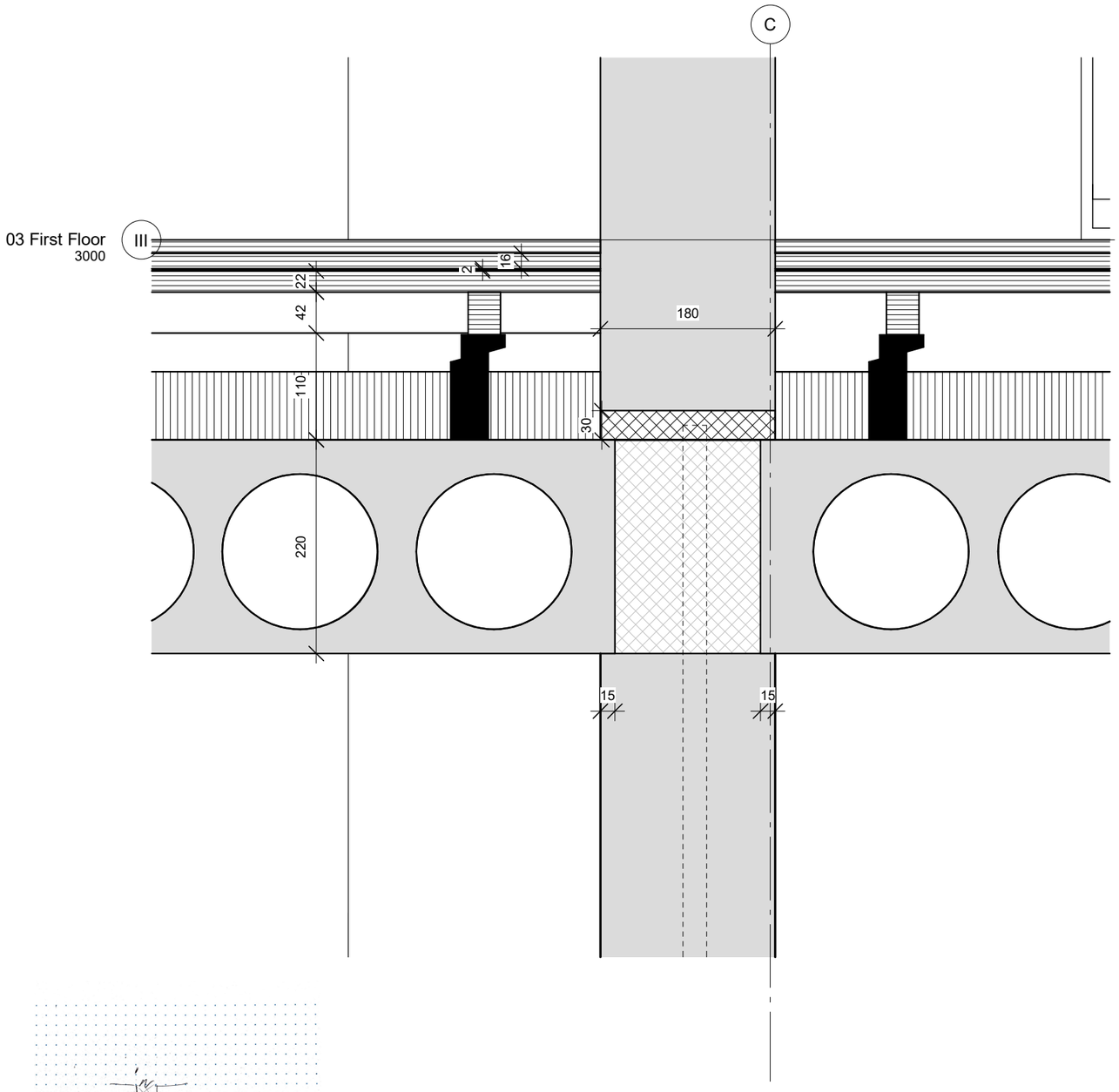
BYGGESAG:	DATO: 11/08/22	**Internal load bearing wall/foundation detail**
EMNE: Detail	MÅL: 1 : 5	
UDFØRT AF: Ana Araújo	KLASSE:	



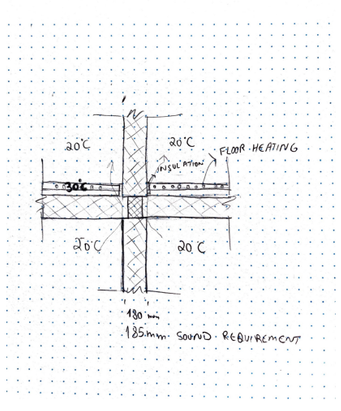
Floor partition - Dry Floor heating :

14mm Laminate wood
2mm PE foam
22mm Wooden plate with steel element and Ø20mm pipes
98mm Air gap with wooden batten, wedge and an acoustic rubber
70mm Tree fiber soft

Fire requirement: REI 60 A2 s1 d0
U value requirement: 0.50 W/m²K
U value actual: 0,369 W/m²K

Deck element/internal wall (non load bearing connection):

220mm reinforced hollow core concrete element
Deck element rests on 180mm internal concrete wall
The overlap is of 15mm
In situ casted concrete between both non load bearing sides of deck element that rest on internal wall
Reinforcement bar connecting upper and lower internal walls
Wall resting on top of deck element is connected by a 30mm in situ casted concrete layer



Hand sketch

Division/load bearing walls:

Prefabricated 180mm reinforced concrete
Fire requirement: REI 60 A2 s1 d0

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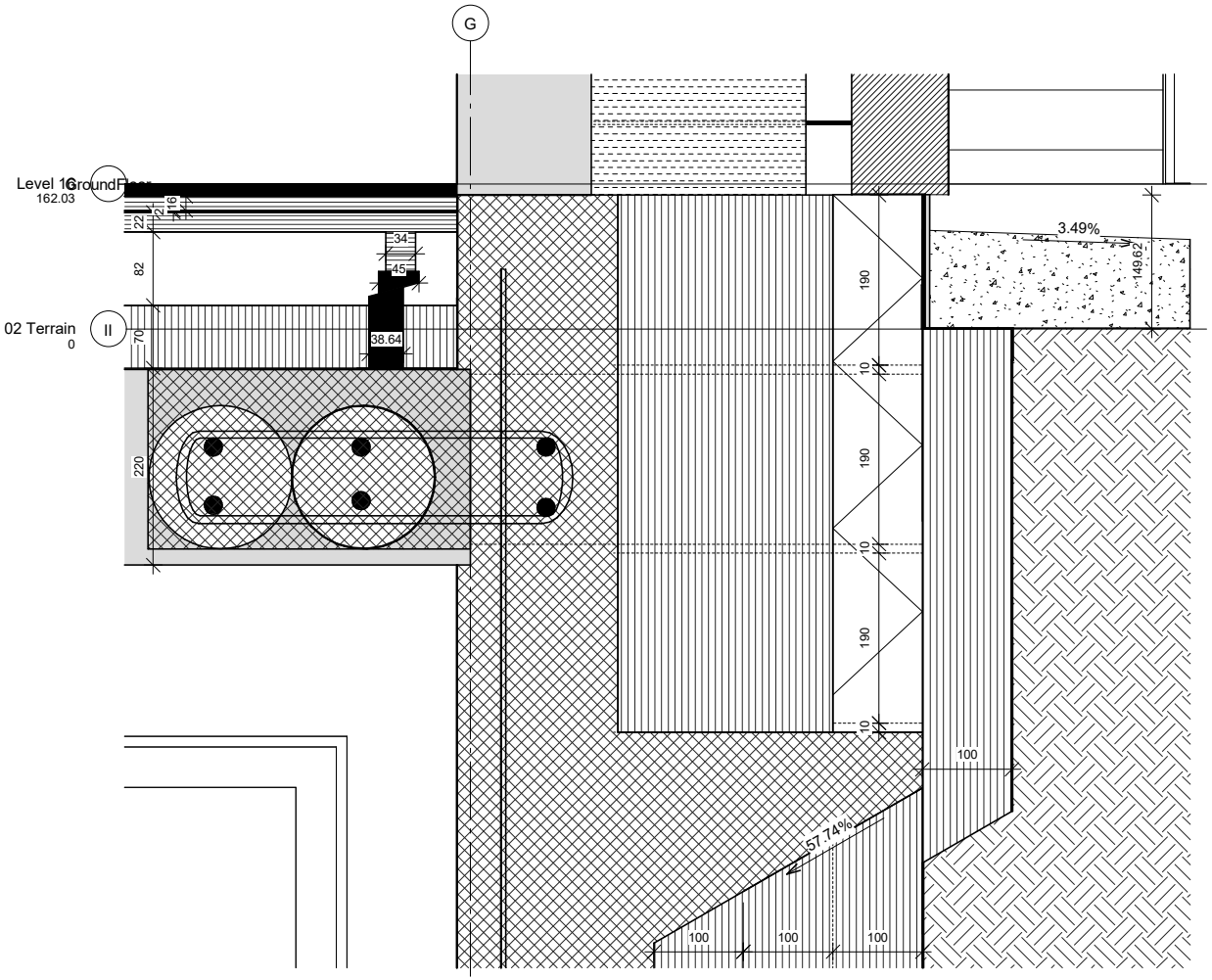
BYGGESAG:	DATO: 10/21/22	**Division wall/floor detail**
EMNE: Division wall/floor detail	MÅL: As indicated	
UDFØRT AF: Ana Araújo	KLASSE:	

Basement external wall (general)/external wall



External wall:
108mm brick outer leaf
51mm air layer
240mm mineral wool
150mm reinforced conrete inner leaf
4-6 wall ties per m2

Floor partition - Dry Floor heating :
14mm Laminate wood
16mm Chipboard
22mm Wooden plate with steel element and Ø20mm pipes
82mm Air gap with wooden batten, wedge and an acoustic rubber
70mm Tree fiber soft

Deck Element/external wall (non load bearing connection):
220mm reinforced hollow core concrete deck element
2x ø12mm reinforcement bars inside of each hollow core
The non load bearing side of the deck element rests on the external wall with a 15mm overlap
On site deck element is broken around last two cores and round loop reinforcement is placed inside deck, against the span.
Loop sticks out and is intertwined with 2x ø12mm rebars placed on the side of the deck element.
Concrete is then casted inside the broken piece of element

Basement external wall general: 520mmx2600mm wall
100mm light clinker block outer leaf (3x Leka blocks on top of concrete outer leaf)
240mm mineral wool
180mm in situ casted reinforced concrete inner leaf
Dpc layer placed under outer leaf of external wall and running down light clinker block. On outermost side is a plaster

External insulation:
4x Sundolite drain board
100mm thickness
Geotekstil on outer side of boards

Formwork:
Wall shape formed with the external insulation
At elevation -0.659 the wall's formwork takes the concrete to outer leaf and back

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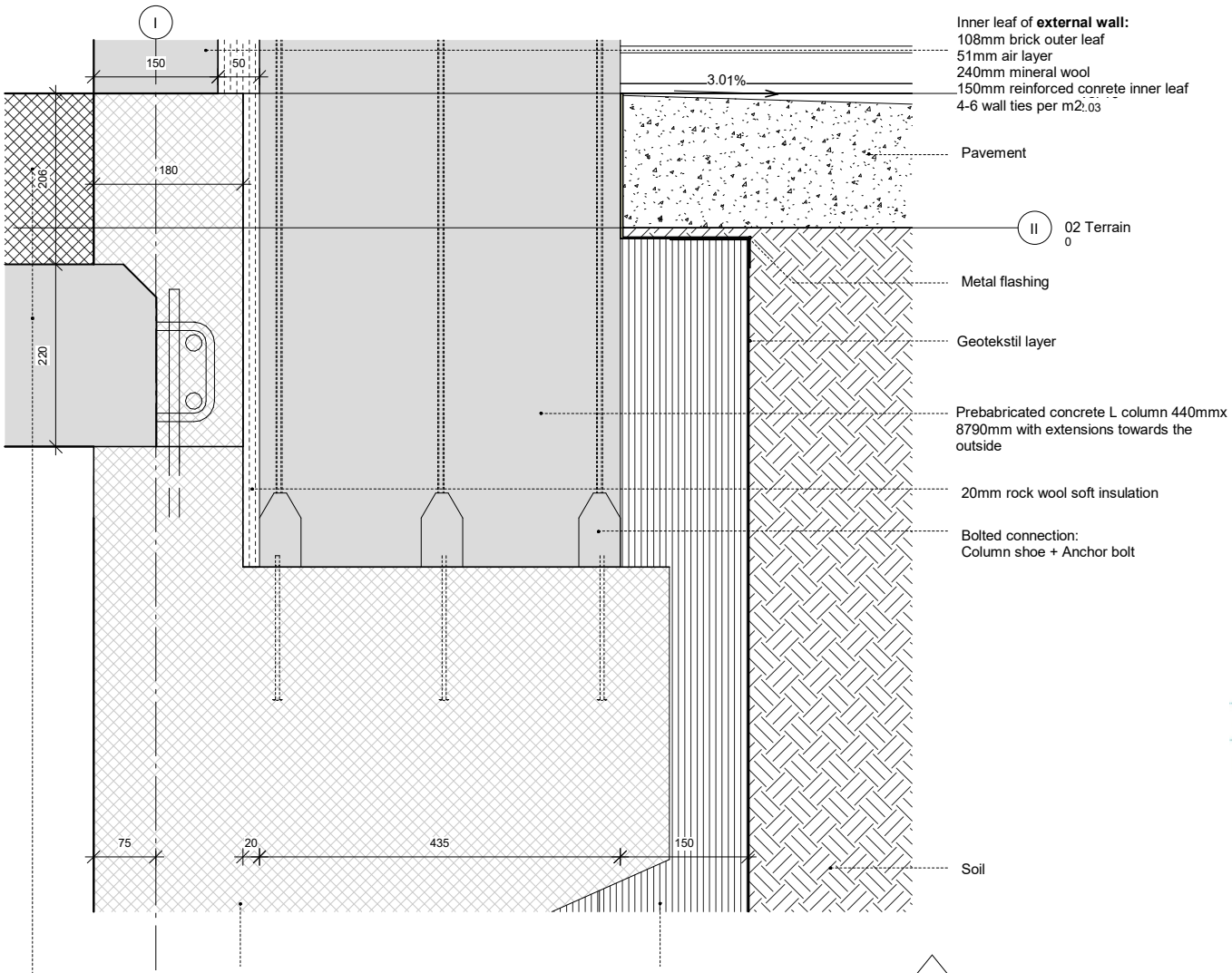
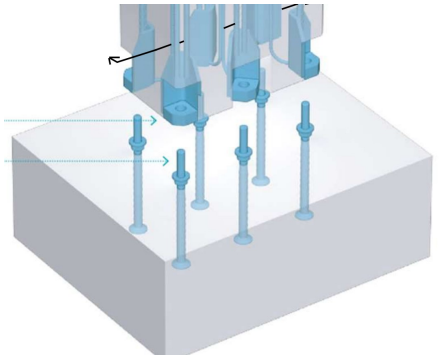
BYGGESAG:	DATO: 10/27/22	**Basement external wall (general)/external wall**
EMNE: Detail	MÅL: As indicated	
UDFØRT AF: Ana Araújo	KLASSE:	

Acess balcony/foundation detail





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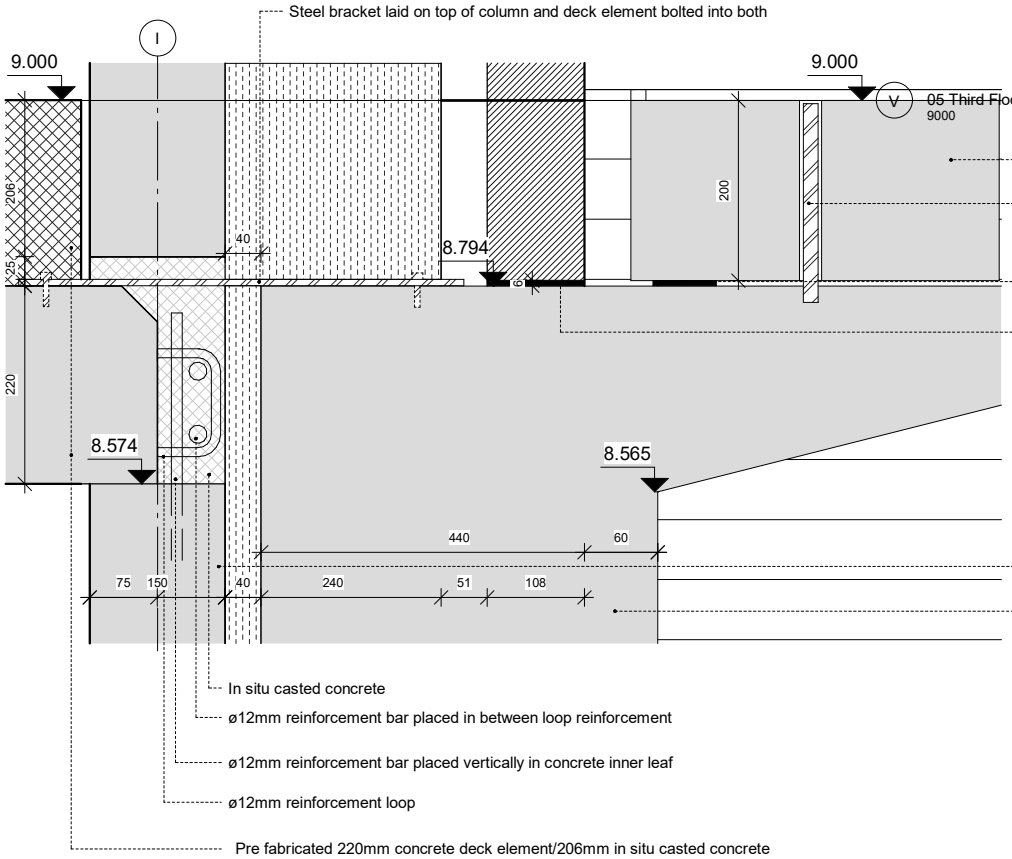
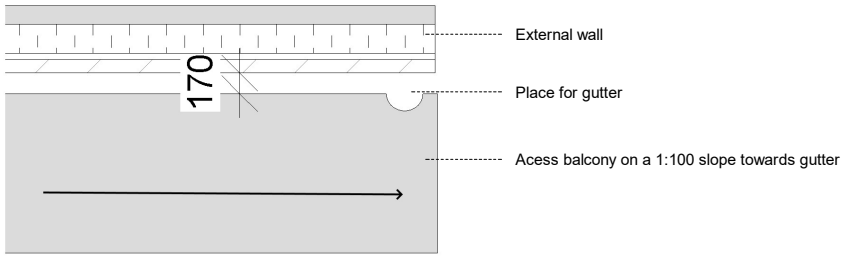
BYGGESAG:	DATO: 11/15/22	**Acess balcony/foundation detail**
EMNE: Details	MÅL: 1 : 5	
UDFØRT AF: Ana Araújo	KLASSE:	

Access balcony/external wall detail



TOP VIEW OF ACCESS BALCONY



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BYGGESAG:	DATO: 11/10/22	**Access balcony/external wall detail**
EMNE: Details	MÅL: 1 : 5	
UDFØRT AF: Ana Araújo	KLASSE:	