

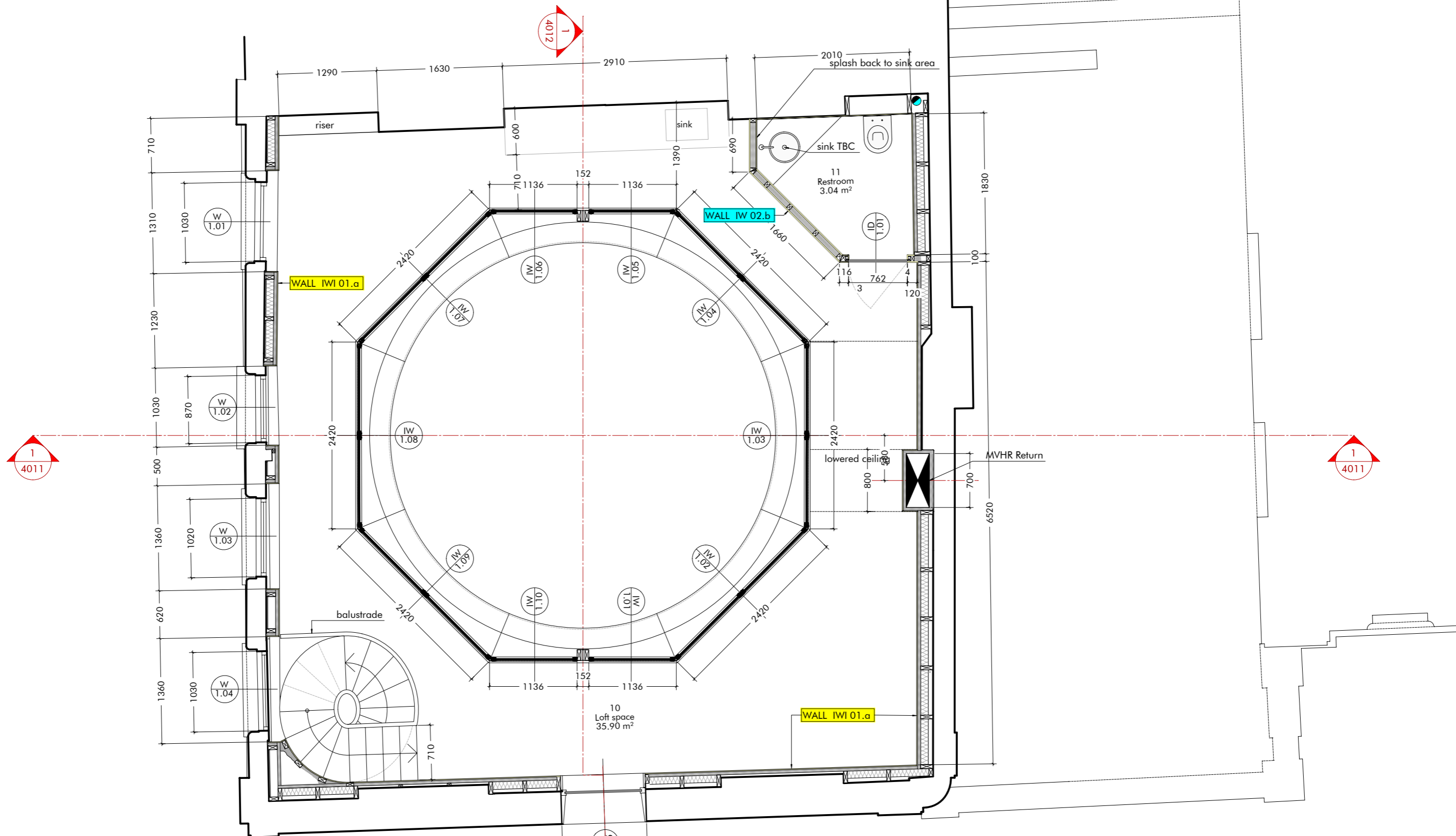
1 GA Ground Floor
4000
scale 1:50 @A3

0 0.5 1 2.5 m

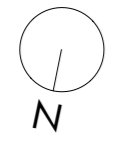
N

LEGEND

- New SVP from toilette above
- Flat roof rain drain pipe

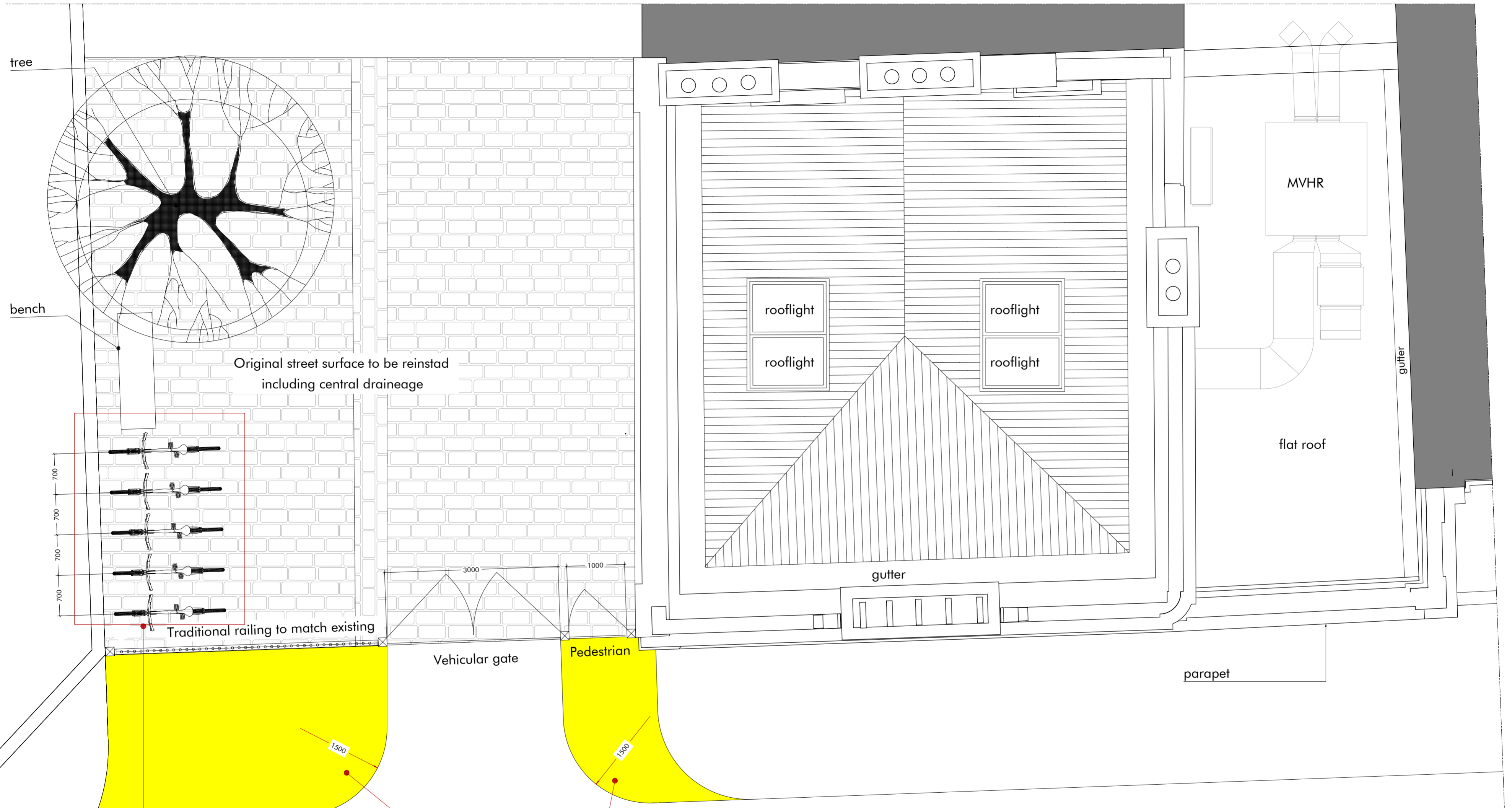


1
4001
GA First Floor
scale 1:50 @A3



LEGEND

- New SVP from toilette above
- Flat roof rain drain pipe



Bremner Road

23/04277/FULL/ Condition n.6
 "You must provide each cycle parking space shown on the approved drawings prior to occupation of the development. Thereafter the cycle spaces must be retained and the space used for no other purpose. (C22FC)"

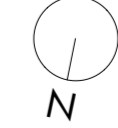
23/04277/FULL/ Condition n.7
 "You must not remove the existing gates until we have approved in writing appropriate arrangements to secure the following:

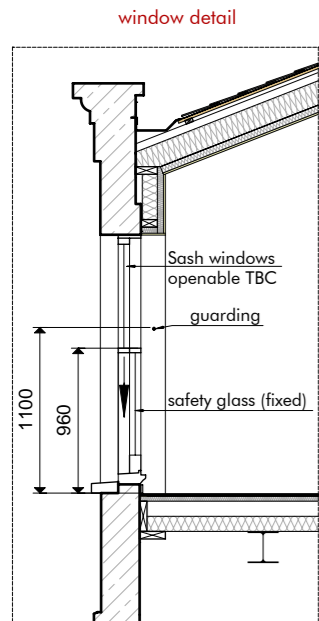
Informative n.5
 Under Condition 7 we are likely to accept a legal agreement under Section 106 of the Town and County Planning Act to secure works to the reinstatement of the footway, following replacement of the pavement crossover.
 - Replacement of the existing pavement crossover and reinstatement of the footway"

1
4002

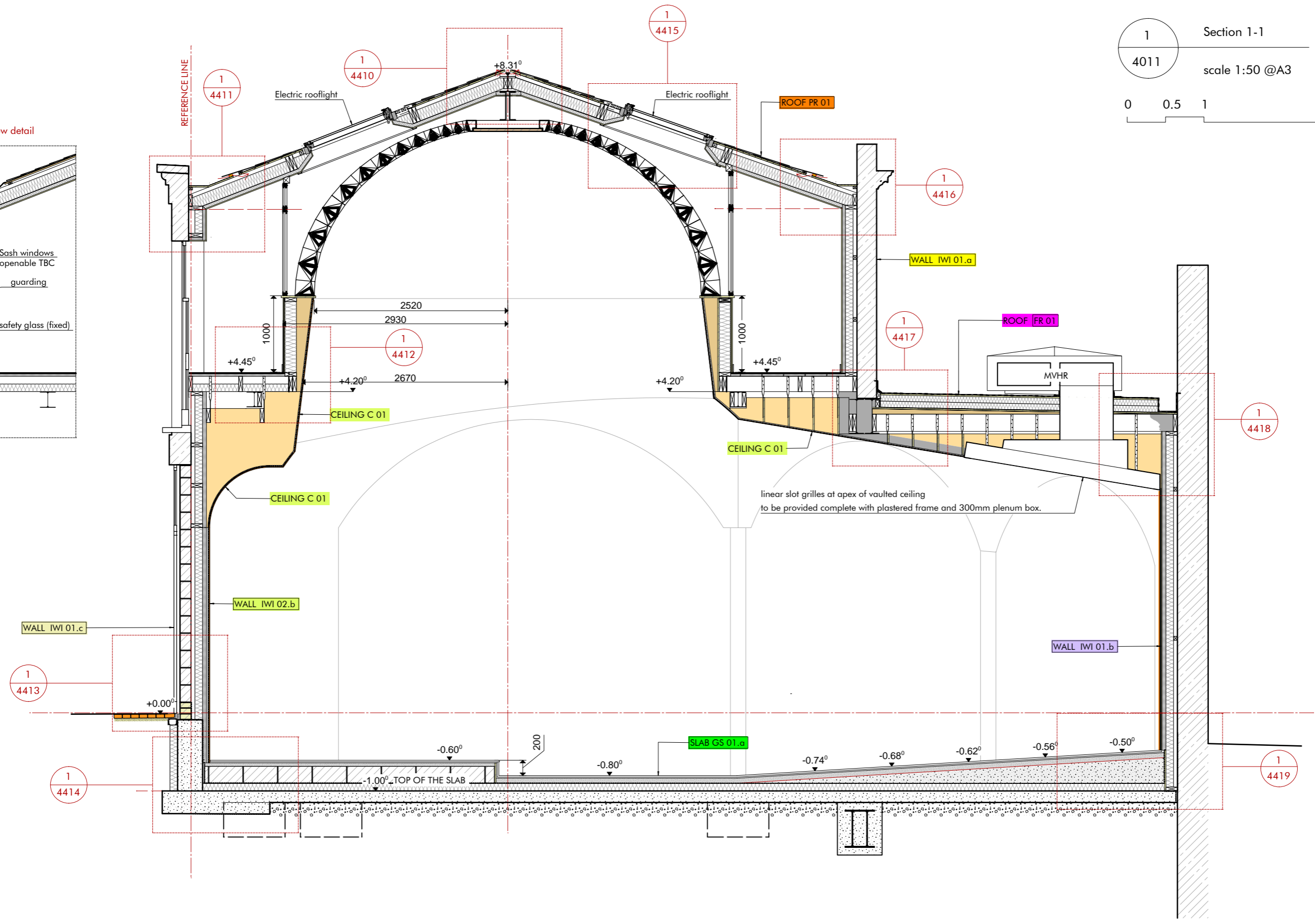
GA Roof and External area

scale 1:50 @A2

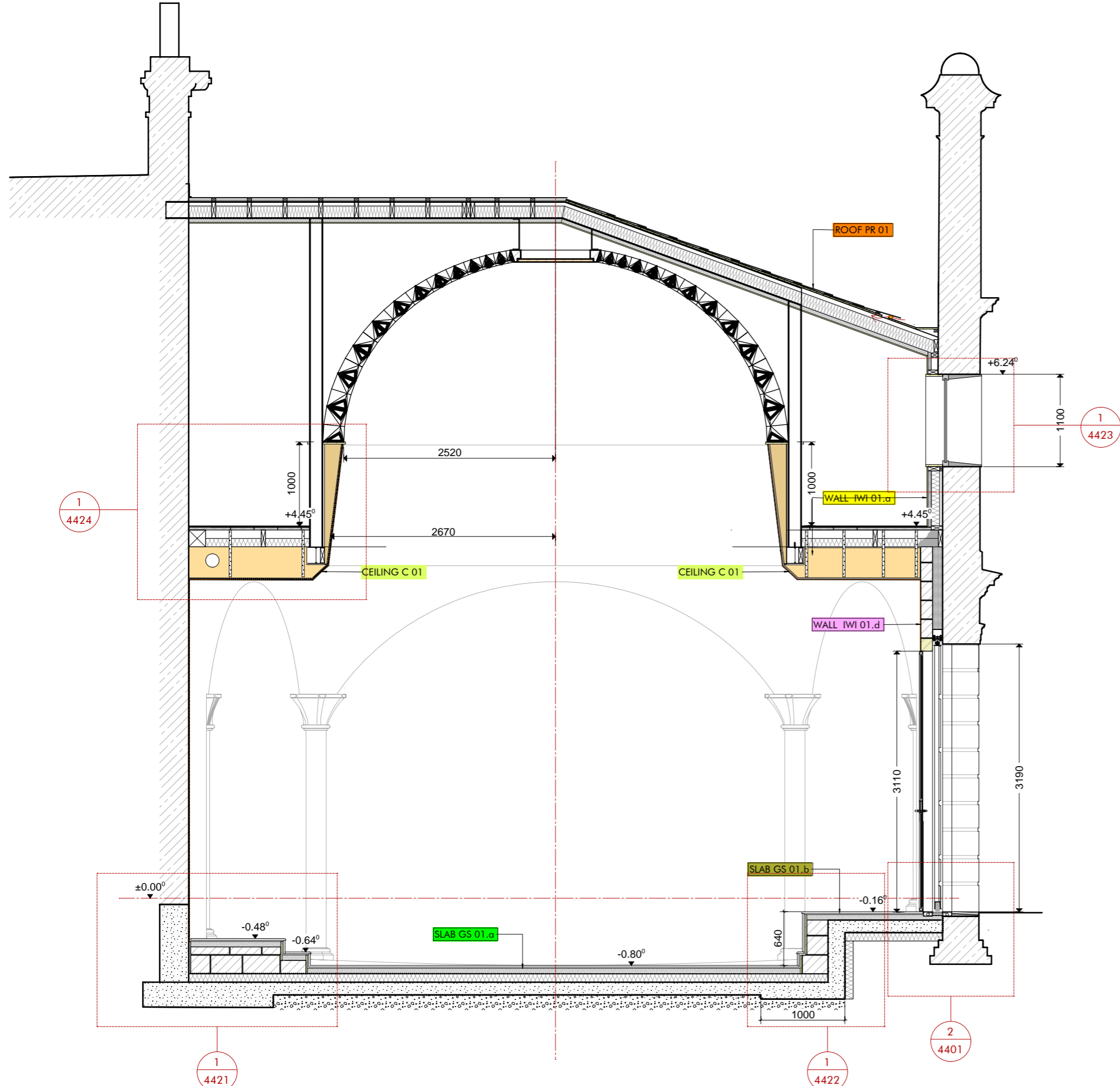




1 Section 1-1
 4011 scale 1:50 @A3
 0 0.5 1 2.5 m



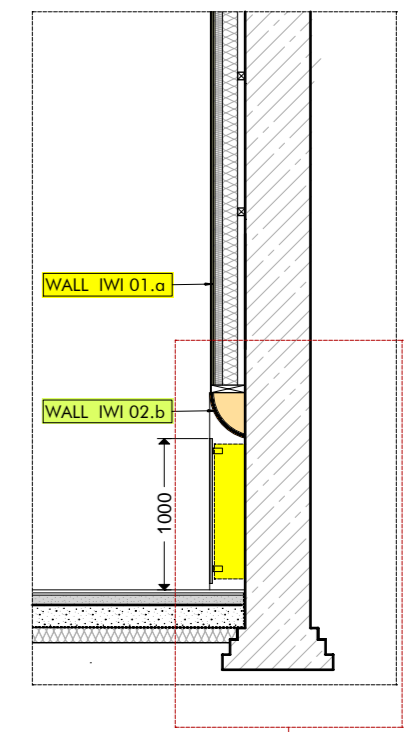
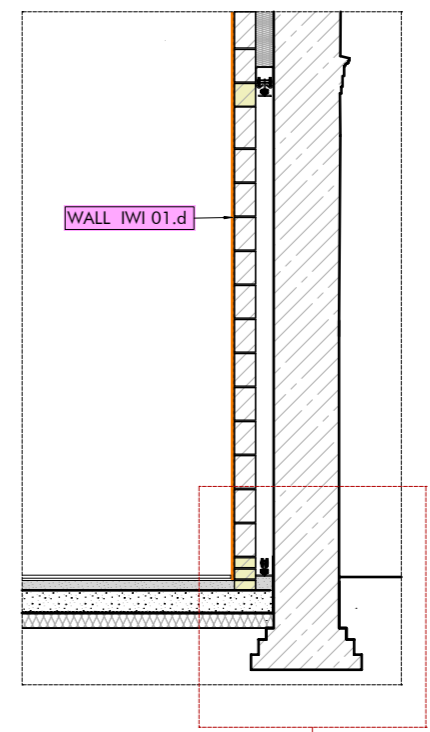
linear slot grilles at apex of vaulted ceiling to be provided complete with plastered frame and 300mm plenum box.

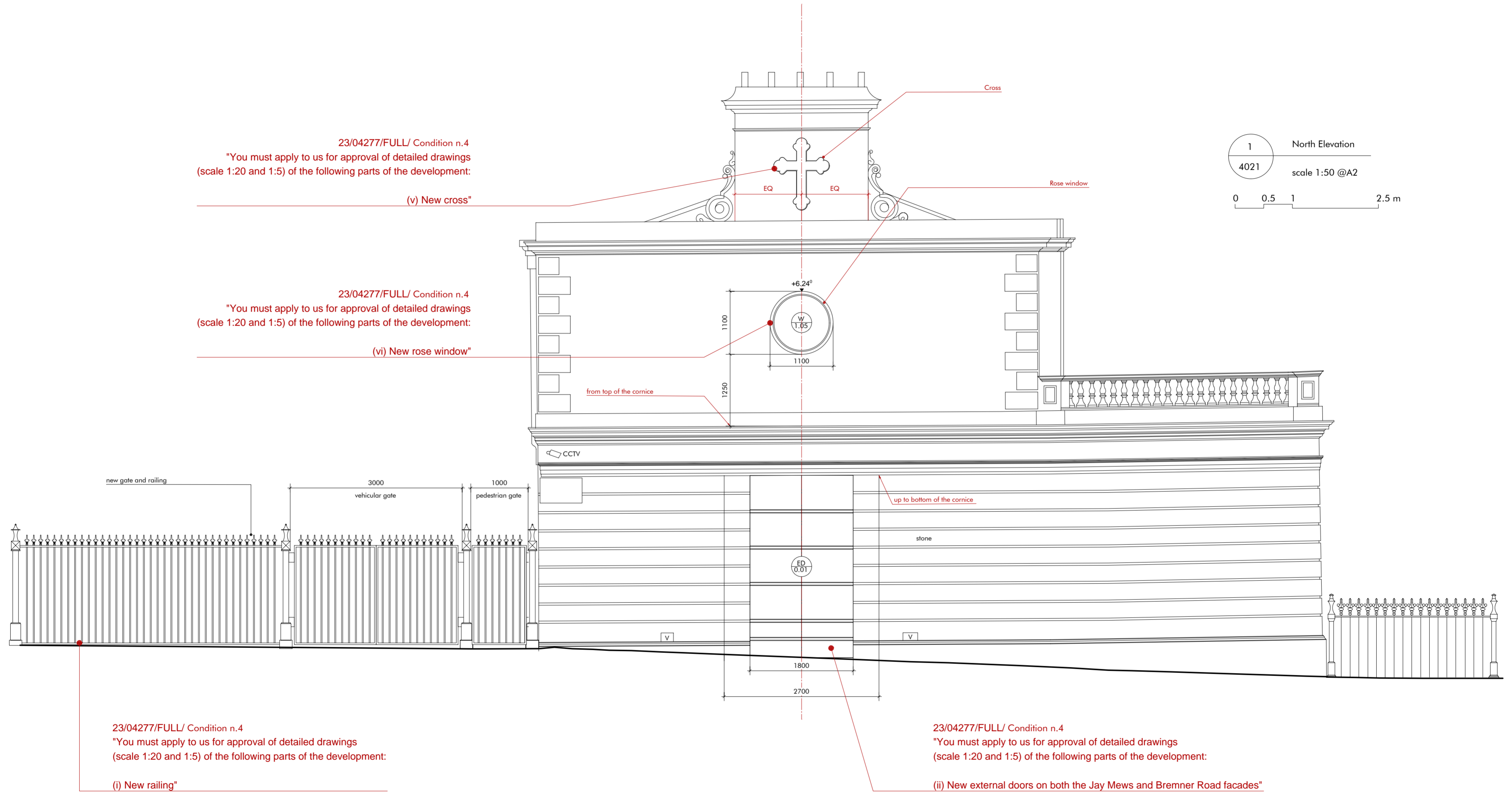


1 Section 2-2
4012 scale 1:50 @A3
0 0.5 1 2.5 m

2 Section 3-3
4012 scale 1:50 @A3

3 Section 4-4
4012 scale 1:50 @A3





23/04277/FULL/ Condition n.4
 "You must apply to us for approval of detailed drawings
 (scale 1:20 and 1:5) of the following parts of the development:

(v) New cross"

23/04277/FULL/ Condition n.4
 "You must apply to us for approval of detailed drawings
 (scale 1:20 and 1:5) of the following parts of the development:

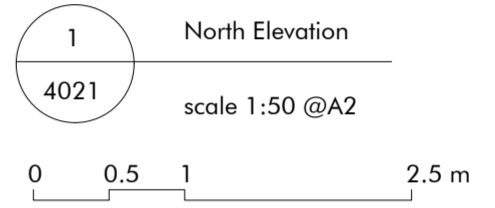
(vi) New rose window"

23/04277/FULL/ Condition n.4
 "You must apply to us for approval of detailed drawings
 (scale 1:20 and 1:5) of the following parts of the development:

(j) New railing"

23/04277/FULL/ Condition n.4
 "You must apply to us for approval of detailed drawings
 (scale 1:20 and 1:5) of the following parts of the development:

(ii) New external doors on both the Jay Mews and Bremner Road facades"

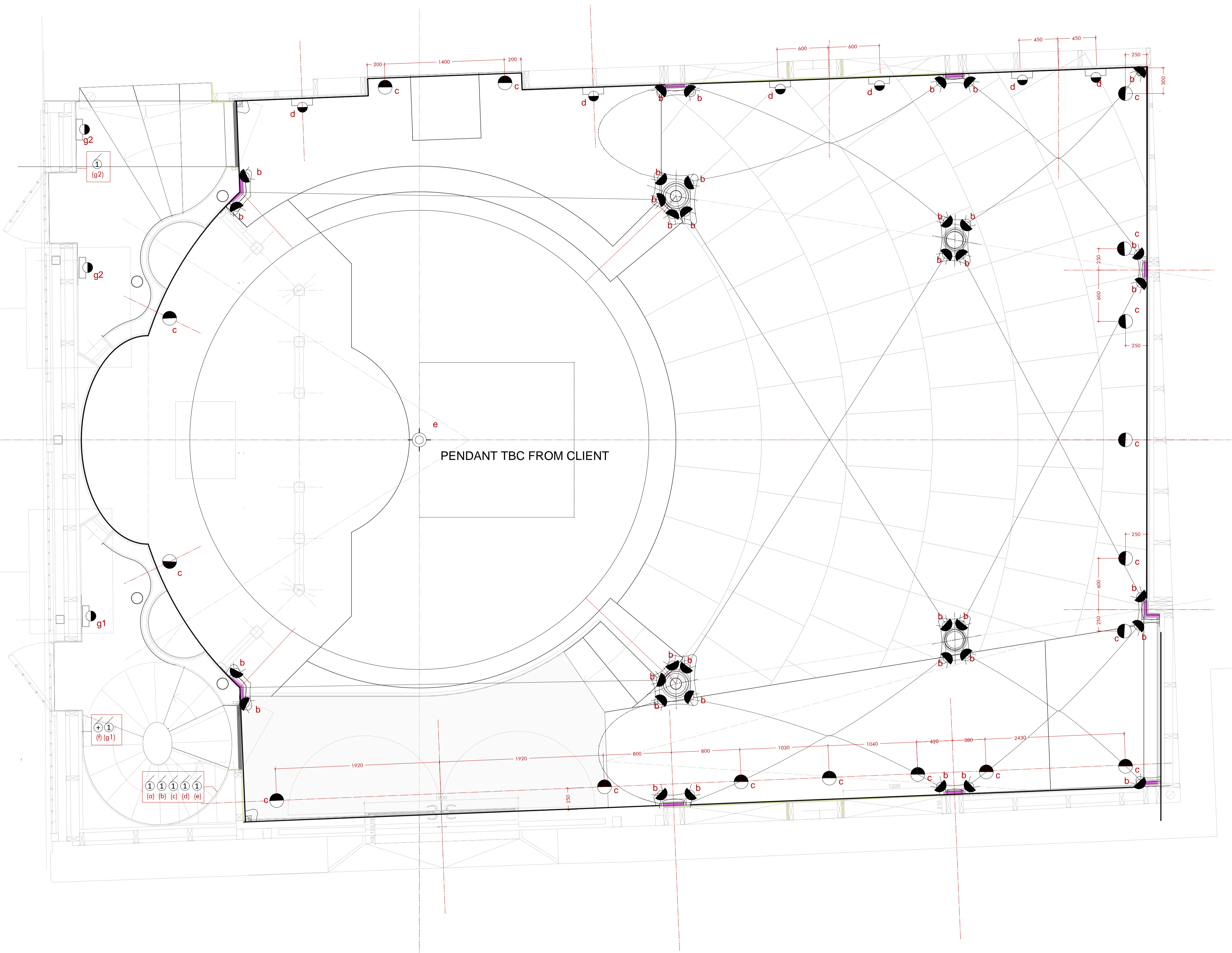




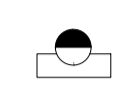
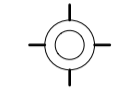


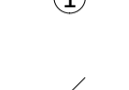
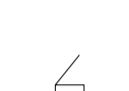

1 East elevation
 4022 scale 1:50 @A3
 0 0.5 1 2.5 m

23/04277/FULL/ Condition n.4
 "You must apply to us for approval of detailed drawings
 (scale 1:20 and 1:5) of the following parts of the development:
 (ii) New external doors on both the Jay Mews and Bremner Road facades"

23/04277/FULL/ Condition n.4
 "You must apply to us for approval of detailed drawings
 (scale 1:20 and 1:5) of the following parts of the development:
 (ii) New external doors on both the Jay Mews and Bremner Road facades"



LEGEND

-  Dimmable wall light
-  DIMMABLE PENDANT
-  Floor mounted up-light
-  High-level up-light
-  one way dimmer switch
-  Two-way or more dimmer switch
-  One-way non-dimmer switch



(b)
LED PROJECTOR
50° ANGLE
COLOUR TEMPERATURE 3000K
TO TOP OF CAPITALS



(c)
GROUND SPOTLIGHT
ADJUSTABLE
COLOUR TEMPERATURE 3000K



(d)(g1)(g2)
WALL LAMP
COLOUR TEMPERATURE 3000K
@ 2.2 FROM CENTRAL HALL FFL

1 GA Ground Floor
4110 scale 1:25 @A1

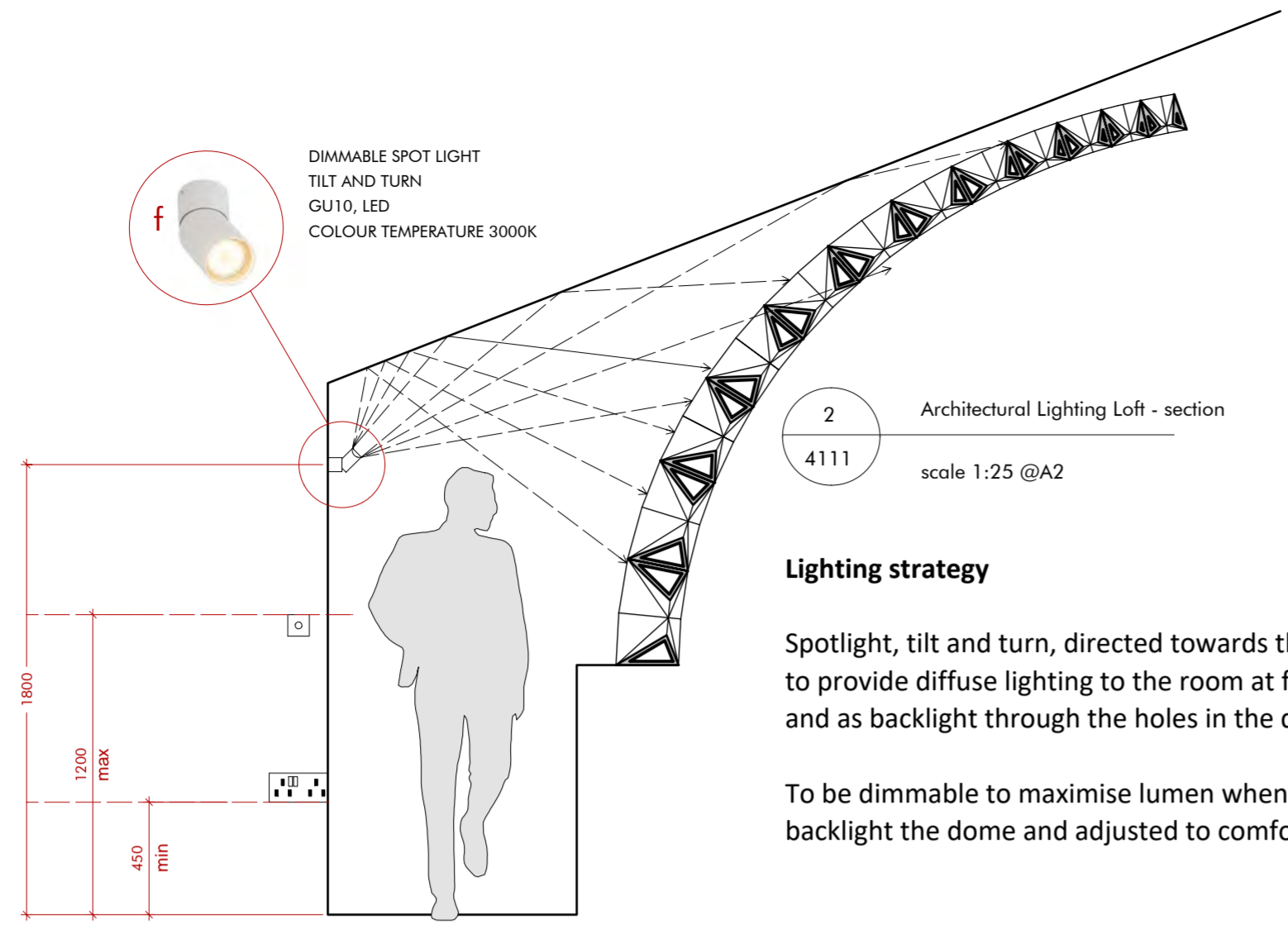
0 0.5 1 2.5 m

N

DIMMABLE SPOT LIGHT
TILT AND TURN
GU10, LED
COLOUR TEMPERATURE 3000K



2 Architectural Lighting Loft - section
4111 scale 1:25 @A2



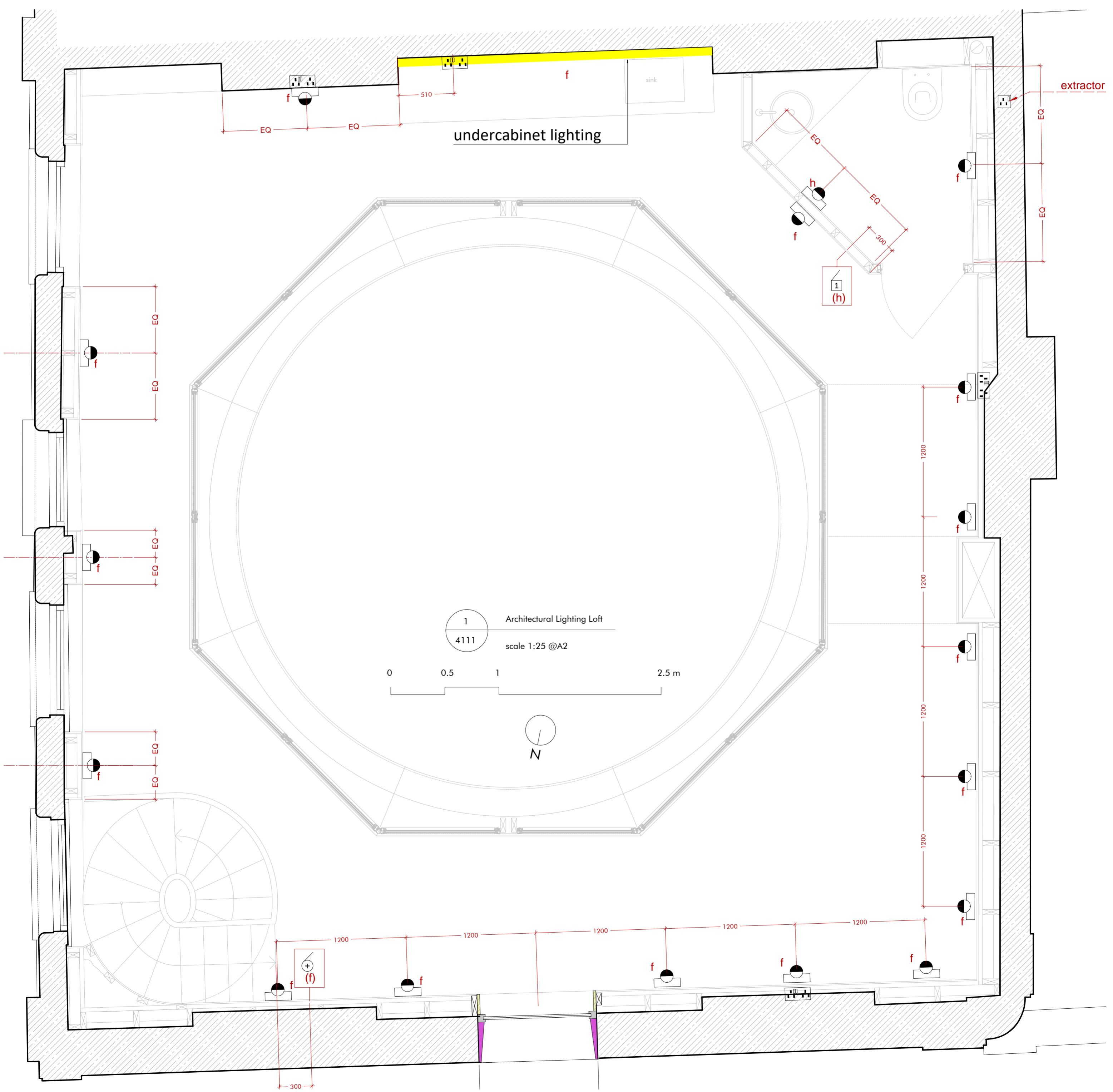
Lighting strategy

Spotlight, tilt and turn, directed towards the ceiling to provide diffuse lighting to the room at first floor and as backlight through the holes in the dome.

To be dimmable to maximise lumen when used to backlight the dome and adjusted to comfort when using the room.

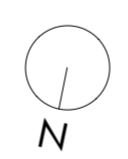
LEGEND

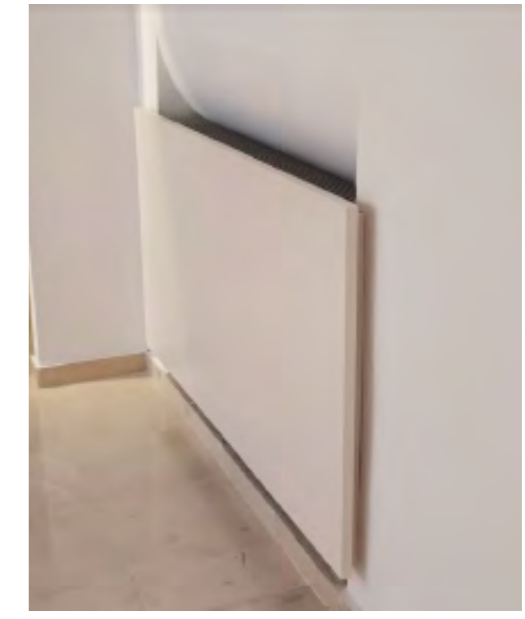
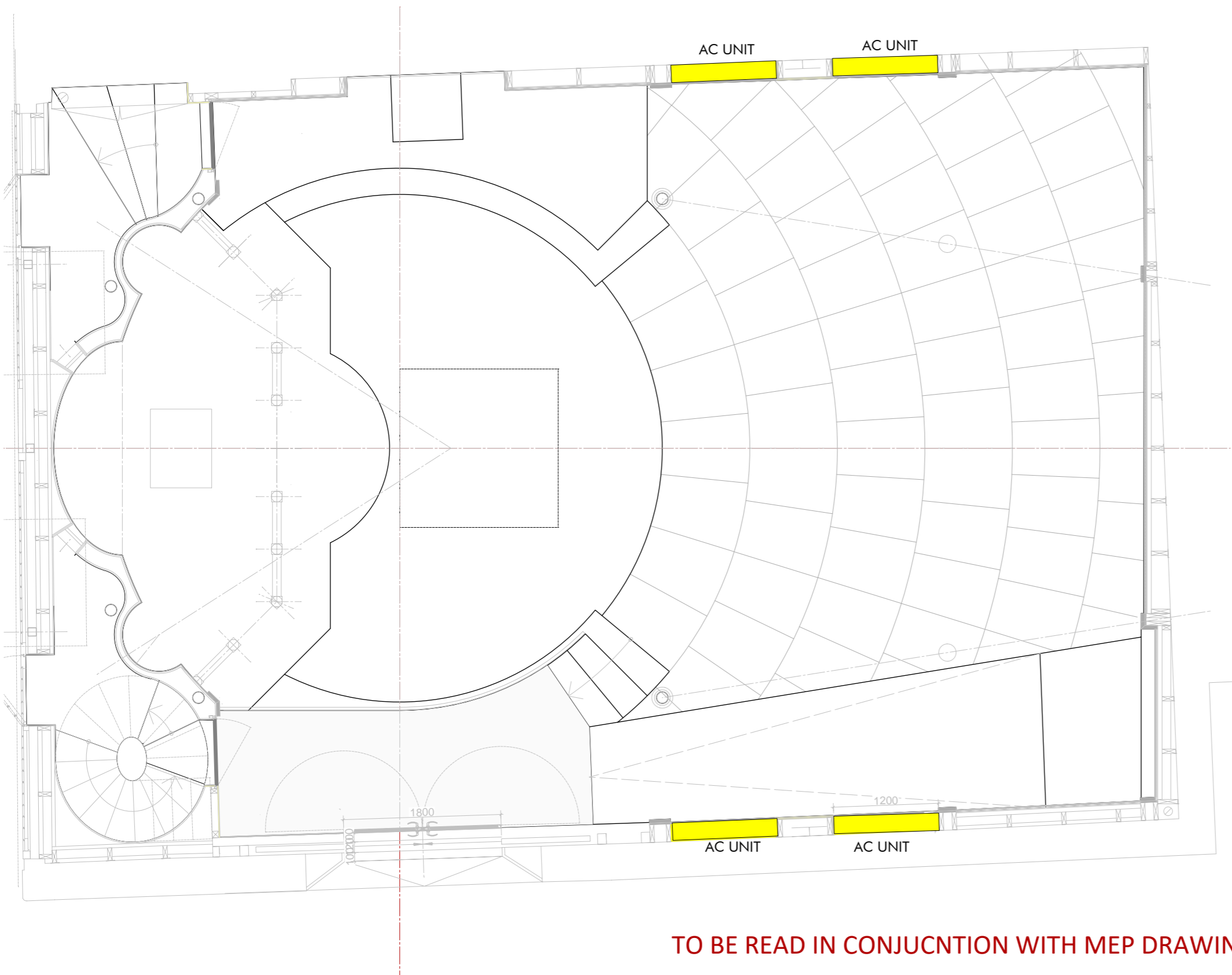
- Dimmable wall light
- DIMMABLE PENDANT
- Floor mounted up-light
- High-level up-light
- one way dimmer switch
- Two-way or more dimmer switch
- One-way non-dimmer switch
- 13 amp double socket wall-flush
- 13amp single socket/spure fuse/outlet



1 Architectural Lighting Loft
4111 scale 1:25 @A2

0 0.5 1 2.5 m



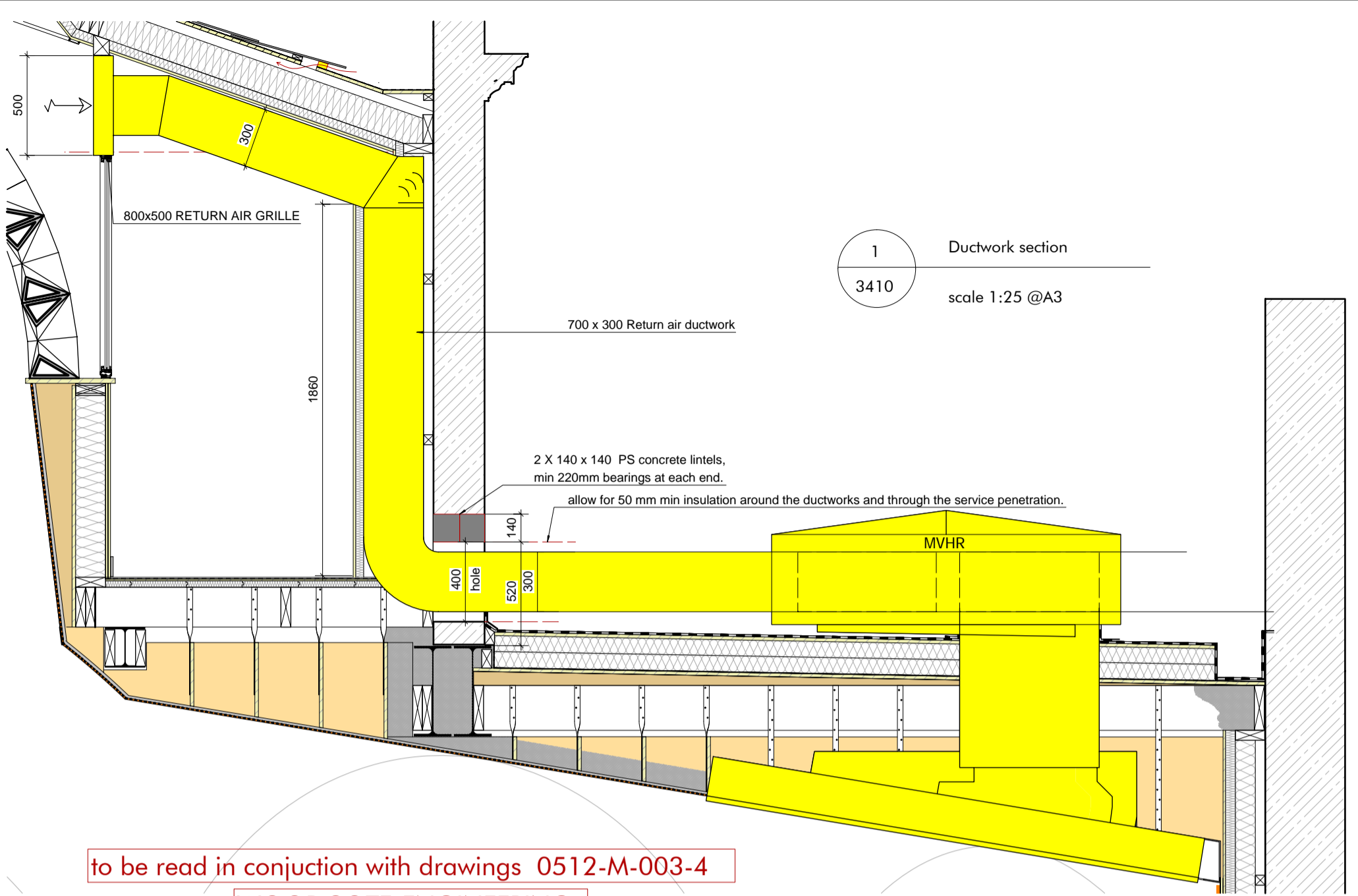


1 GA Ground Floor
4120
scale 1:50 @A3

0 0.5 1 2.5 m

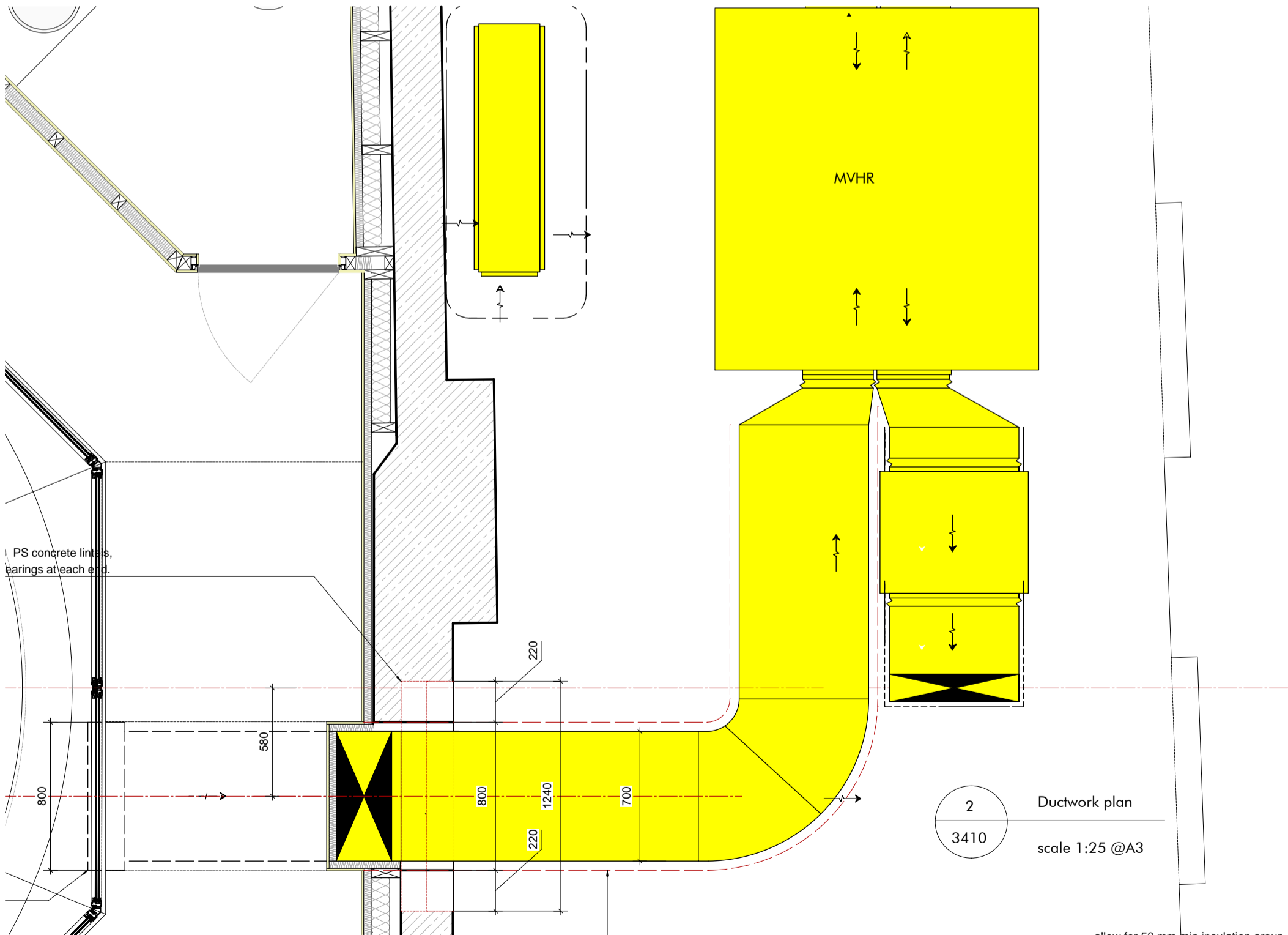
N

TO BE READ IN CONJUNCTION WITH MEP DRAWINGS AND SPECS

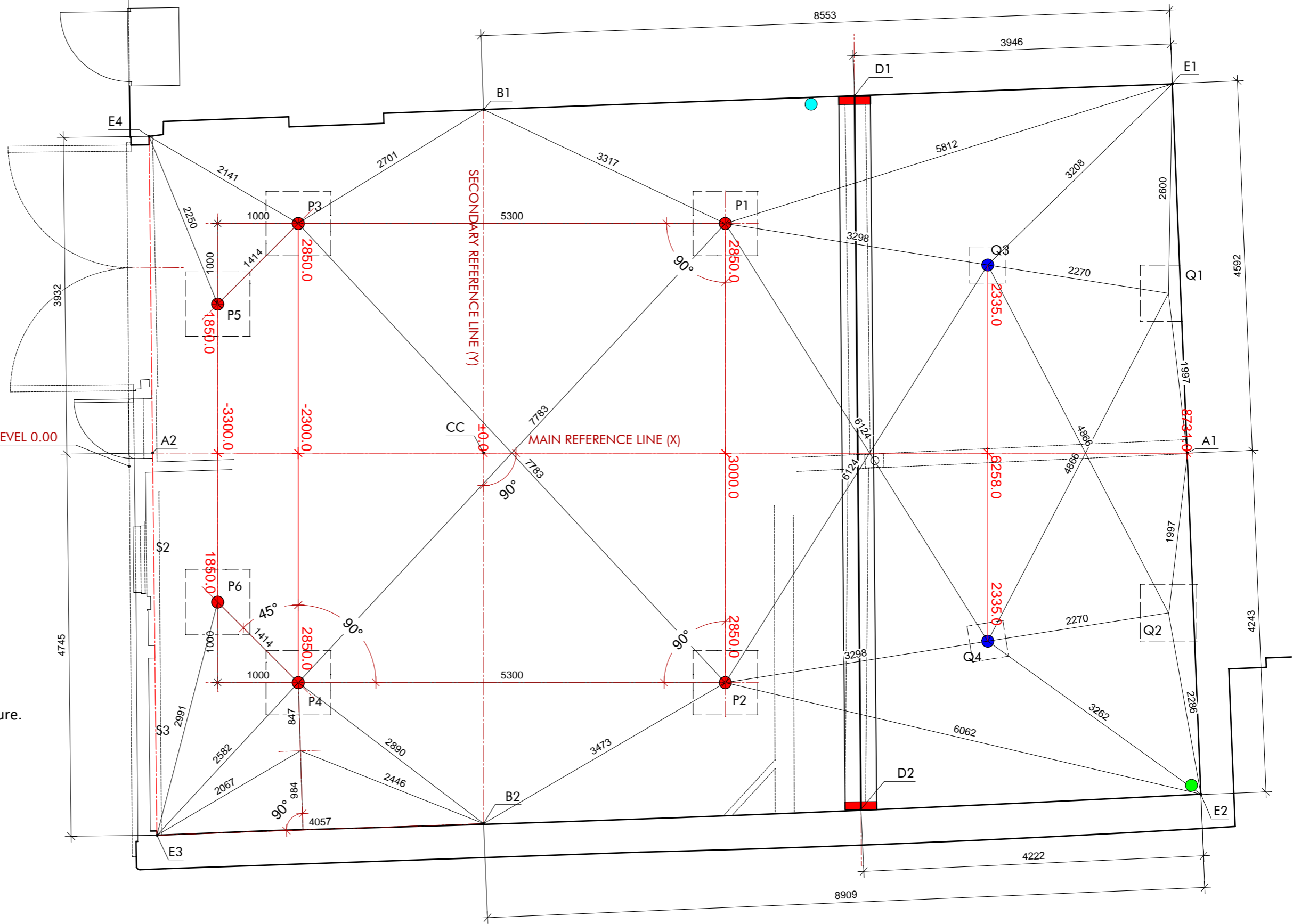


1 Ductwork section
3410 scale 1:25 @A3

to be read in conjunction with drawings 0512-M-003-4
WOODCOTE-ENGINEERING



2 Ductwork plan
3410 scale 1:25 @A3



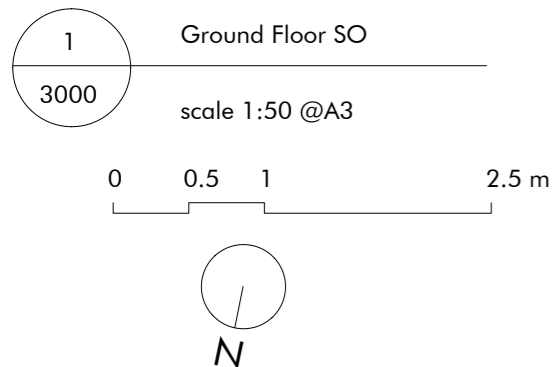
LEGEND

- Main RHS columns ⁽¹⁾
- Secondary columns ⁽²⁾
- New SVP from toilette above
- Flat roof rain drain pipe

NOTES

- ⁽¹⁾ Support to first floor and ridge beam structure.
- ⁽²⁾ Marbles colums with no structural function

TO BE READ IN CONJUNCTION WITH
STRUCTURAL ENGINEER INFORMATION



SETTING OUT INSTRUCTION

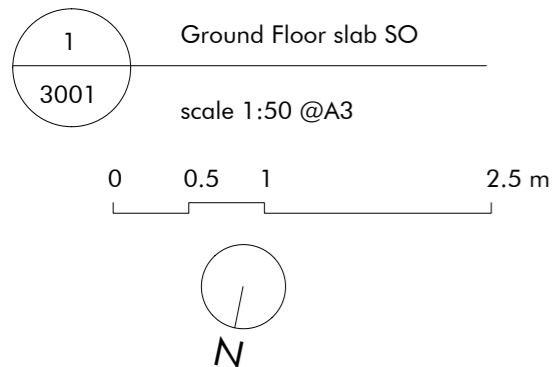
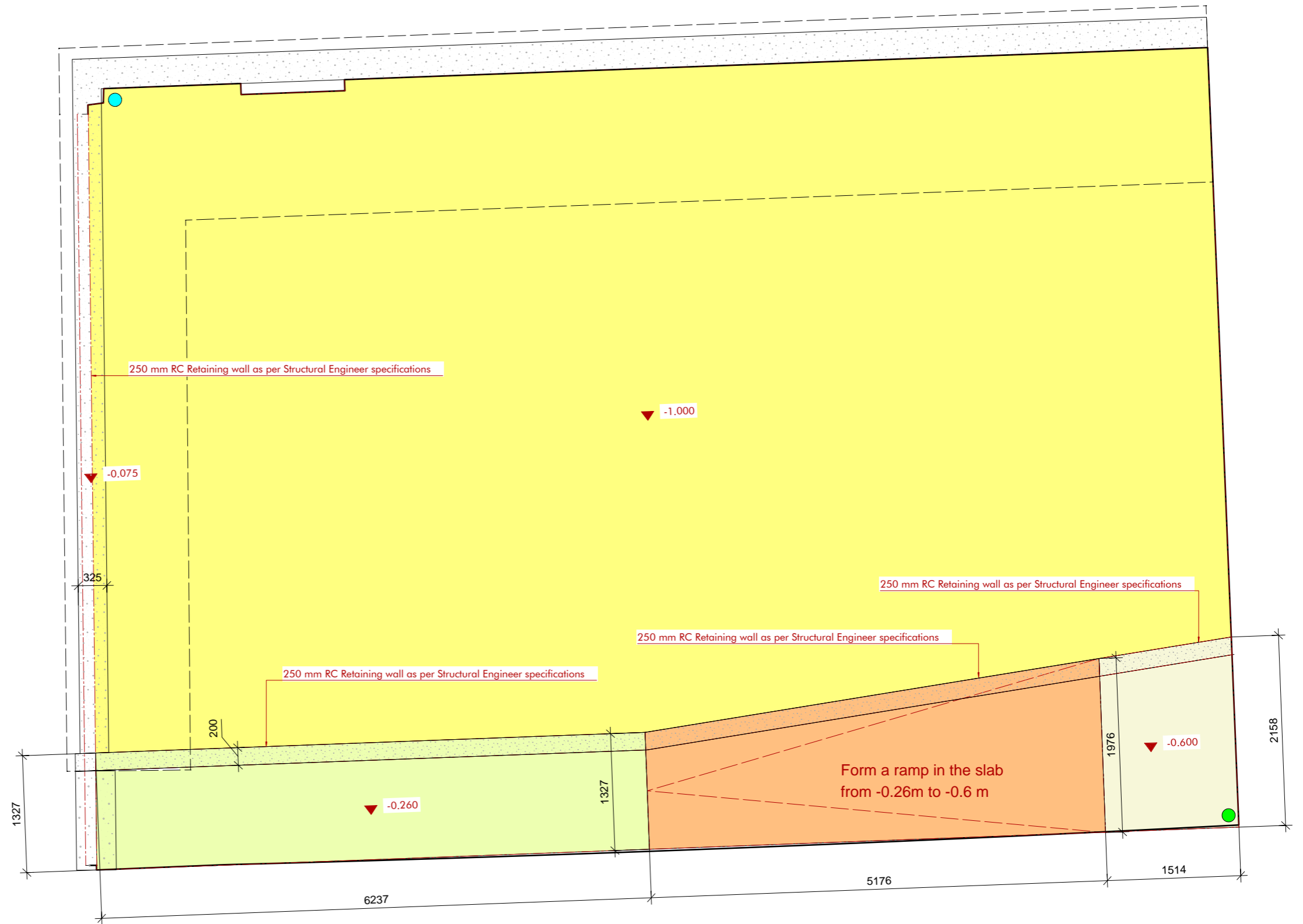
- a) Define the MAIN REFERENCE LINE (x) A1-A2 and the SECONDARY REFERENCE LINE (y) B1-B2 using the distances as marked from points E1, E2, E3, and E4.
- b) All reference points (A1, A2, B1, B2, E1, E2, E3, E4) must be marked and visible on site.
- c) Reference lines (x) and (y), which are meeting exactly at 90°, define CC, which is the centre of the REFERENCE SYSTEM.
- d) The position of each column is defined as coordinates (x,y), the distance from CC measured along (x) and (y) [for instance, column in position P1 is 3 meters along x and 2.850 meters along y].
- e) The measurements between columns [for example, between P1 and P4] and between columns and reference points along the walls [for example, between P1 and points B1 and E1] must be used to check the setting (distances, angles, position referred to the existing walls).

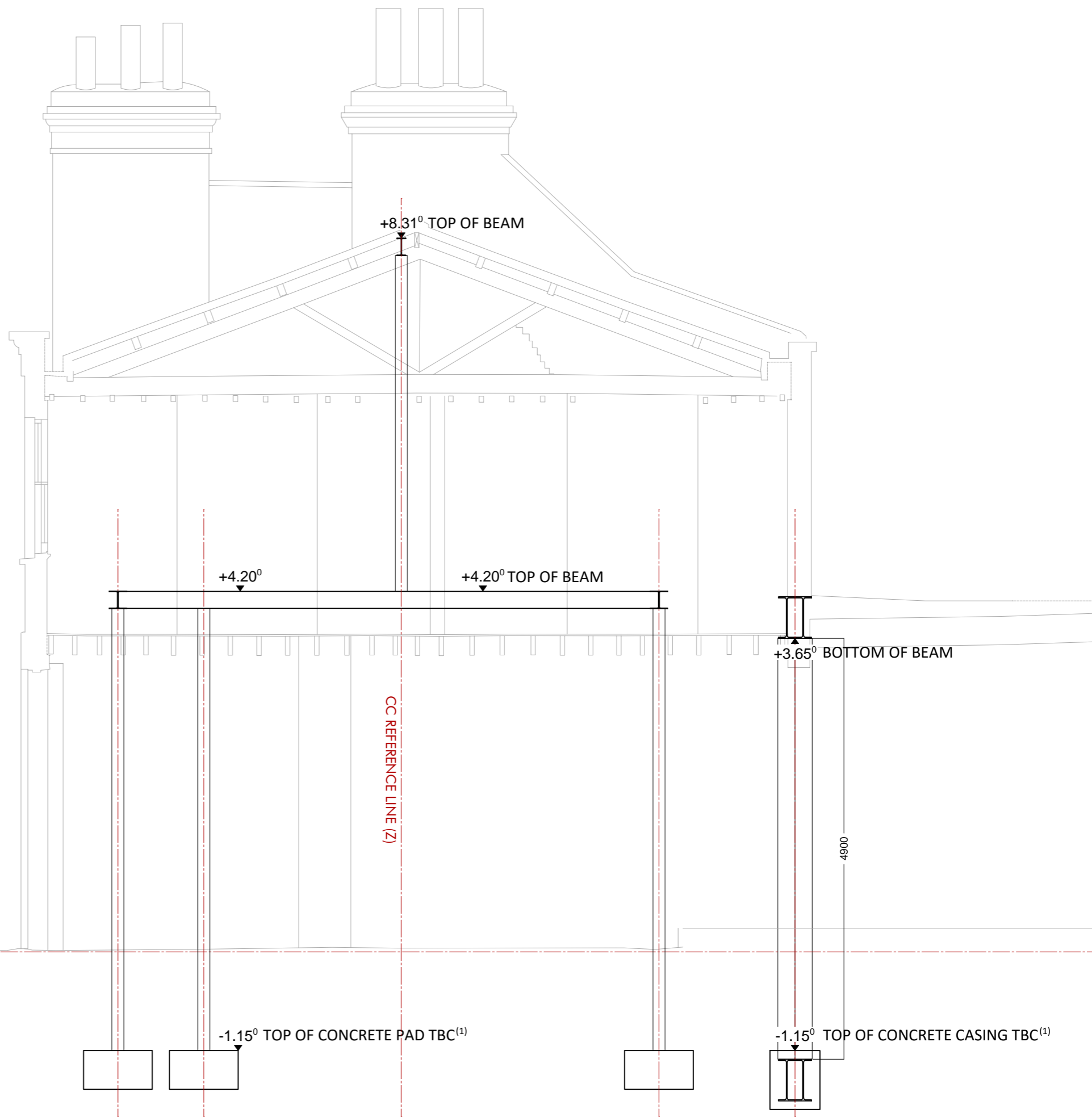
LEGEND

- Main RHS columns ⁽¹⁾
- Secondary RHS columns ⁽²⁾
- New SVP from toilette above
- Flat roof rain drain pipe

NOTES

⁽¹⁾ Support to first floor and ridge beam structure.
⁽²⁾ Marble columns with no structural function.
**TO BE READ IN CONJUNCTION WITH
 STRUCTURAL ENGINEER INFORMATION**

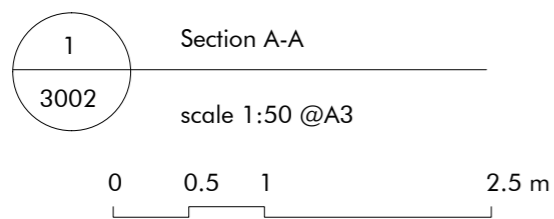


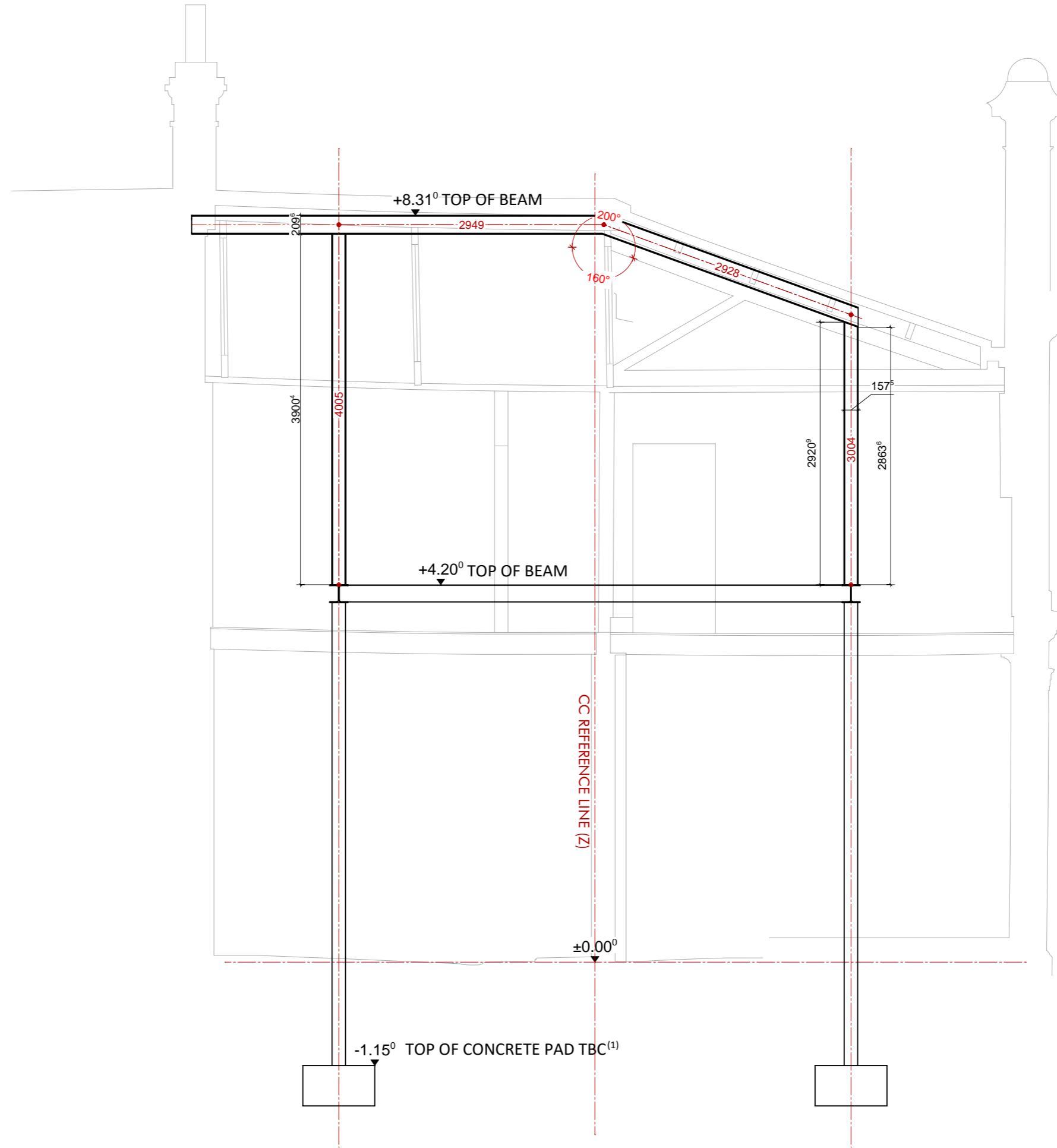


NOTES:

(1)Top of Concrete pad and casing TBC

TO BE READ IN CONJUNCTION WITH
STRUCTURAL ENGINEER INFORMATION

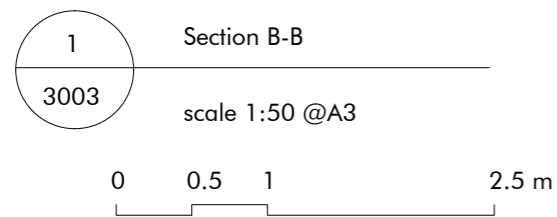


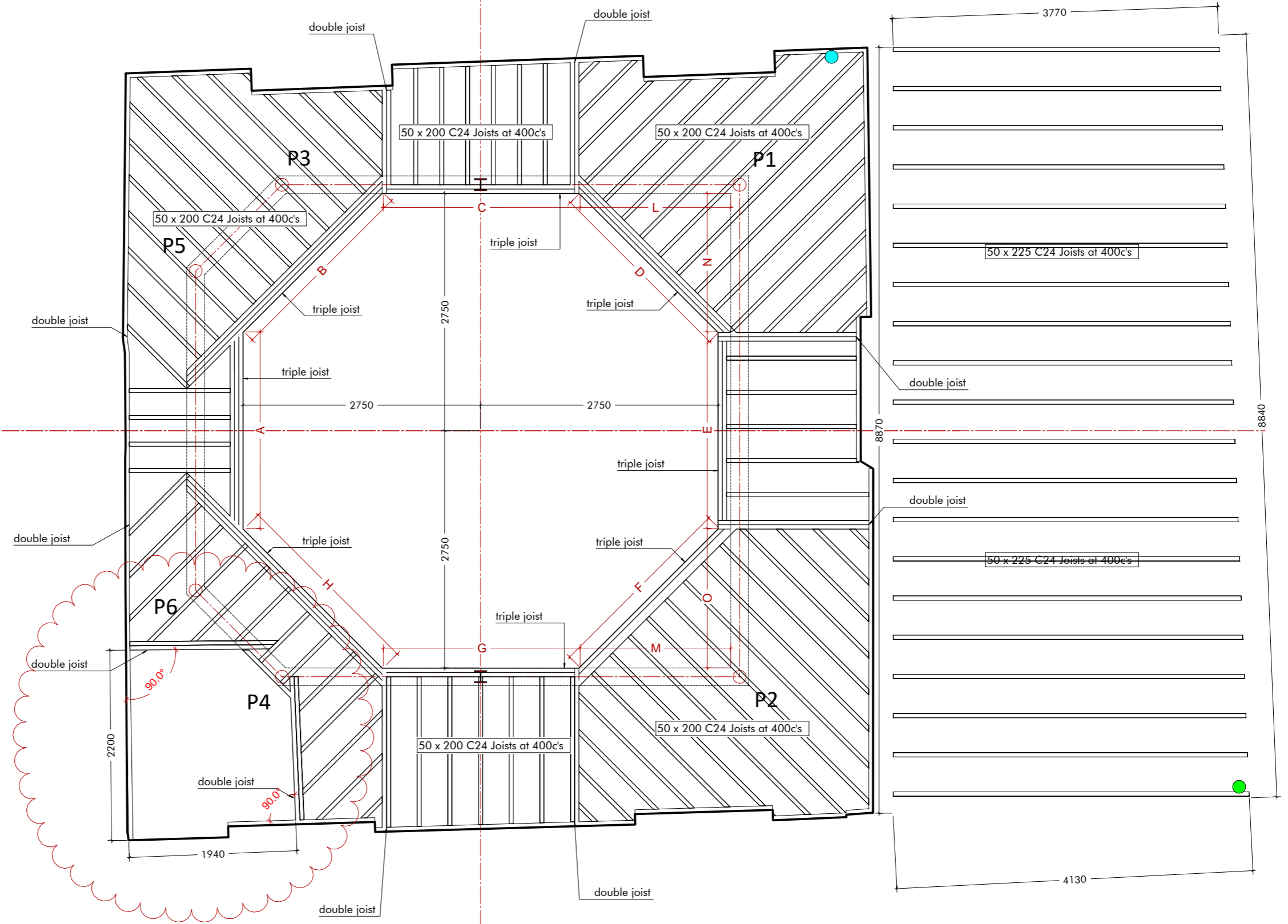


NOTES:

⁽¹⁾Top of Concrete pad and casing TBC

TO BE READ IN CONJUNCTION WITH
STRUCTURAL ENGINEER INFORMATION



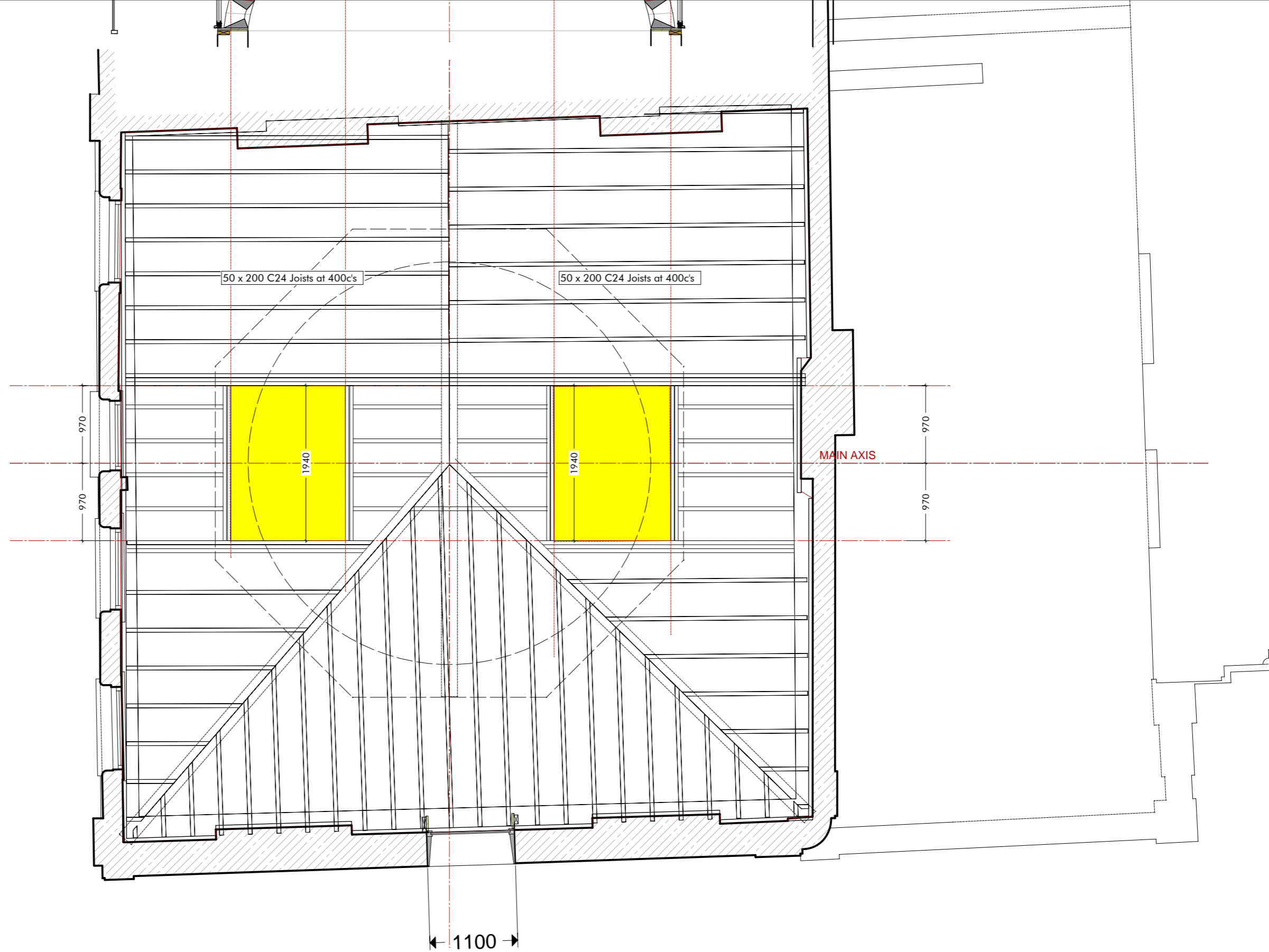


LEGEND

- New SVP from toilette to below
- Flat roof rain drain pipe

NOTE:
TO BE READ IN CONJUNCTION WITH
STRUCTURAL ENGINEER INFORMATION

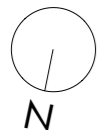
1 First level SO
3004
scale 1:50 @A3



NOTE:
TO BE READ IN CONJUNCTION WITH
STRUCTURAL ENGINEER INFORMATION
AND ROOFLIGHT SETTING OUT

1 Pitched roof Setting Out
3005
scale 1:50 @A3

0 0.5 1 2.5 m



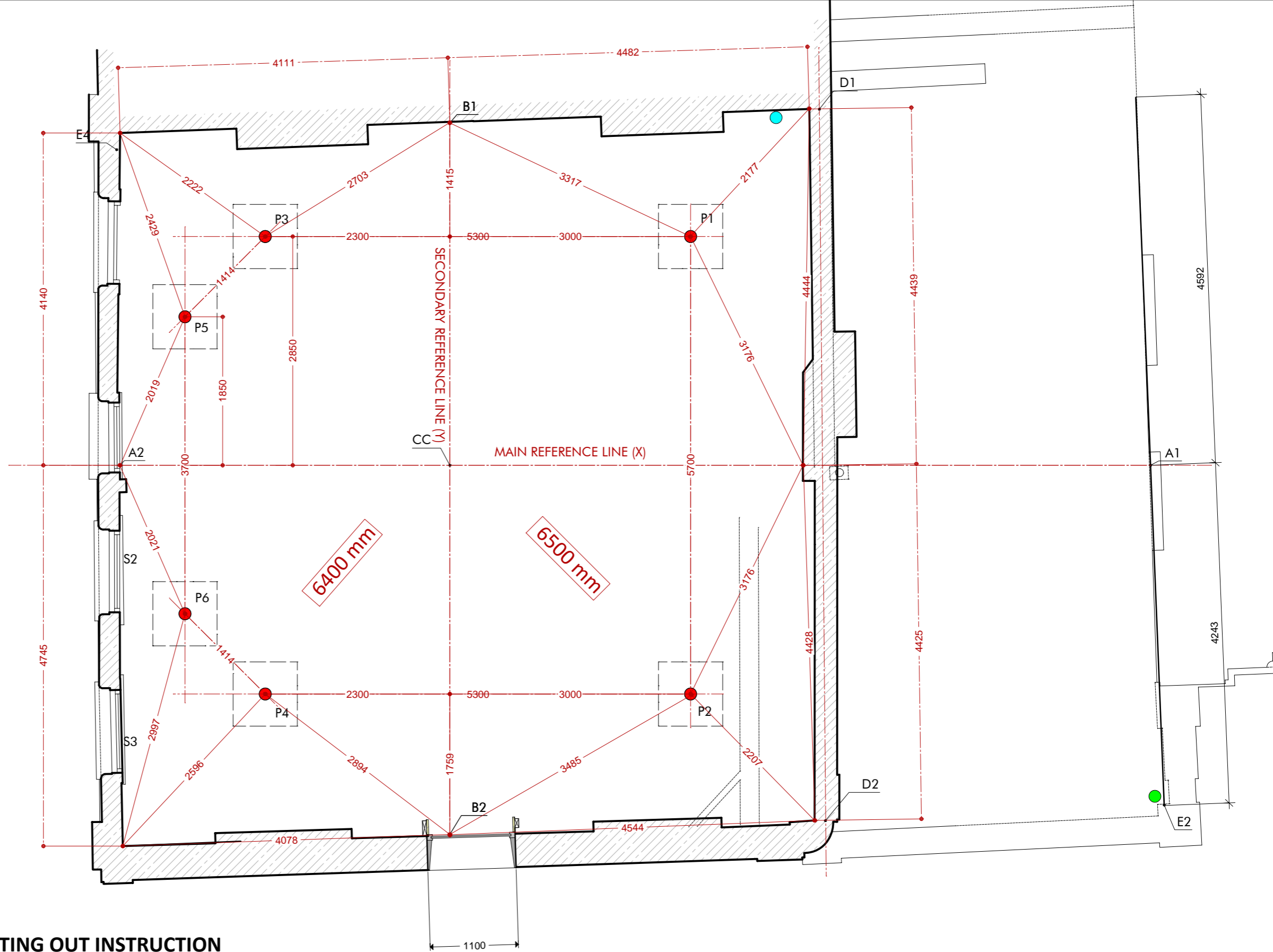
NOTES

a) Length of the hip beams (6400 mm and 6500 mm) measured along the axis of the beams, to be confirmed on site by the contractor.

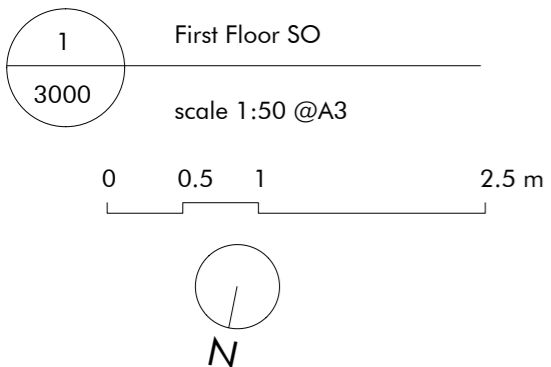
b) TO BE READ IN CONJUNCTION WITH STRUCTURAL ENGINEER INFORMATION

LEGEND

- Main RHS colums
- New SVP from toilette
- Flat roof rain drain pipe



REFER ALL THE POSITIONS TO INTERNAL CORNERS OF EXISTING BUILDING AT FIRST FLOOR LEVEL AND TO MAIN AXES B1-B2 AND A1-A2

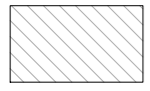

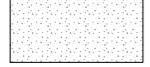


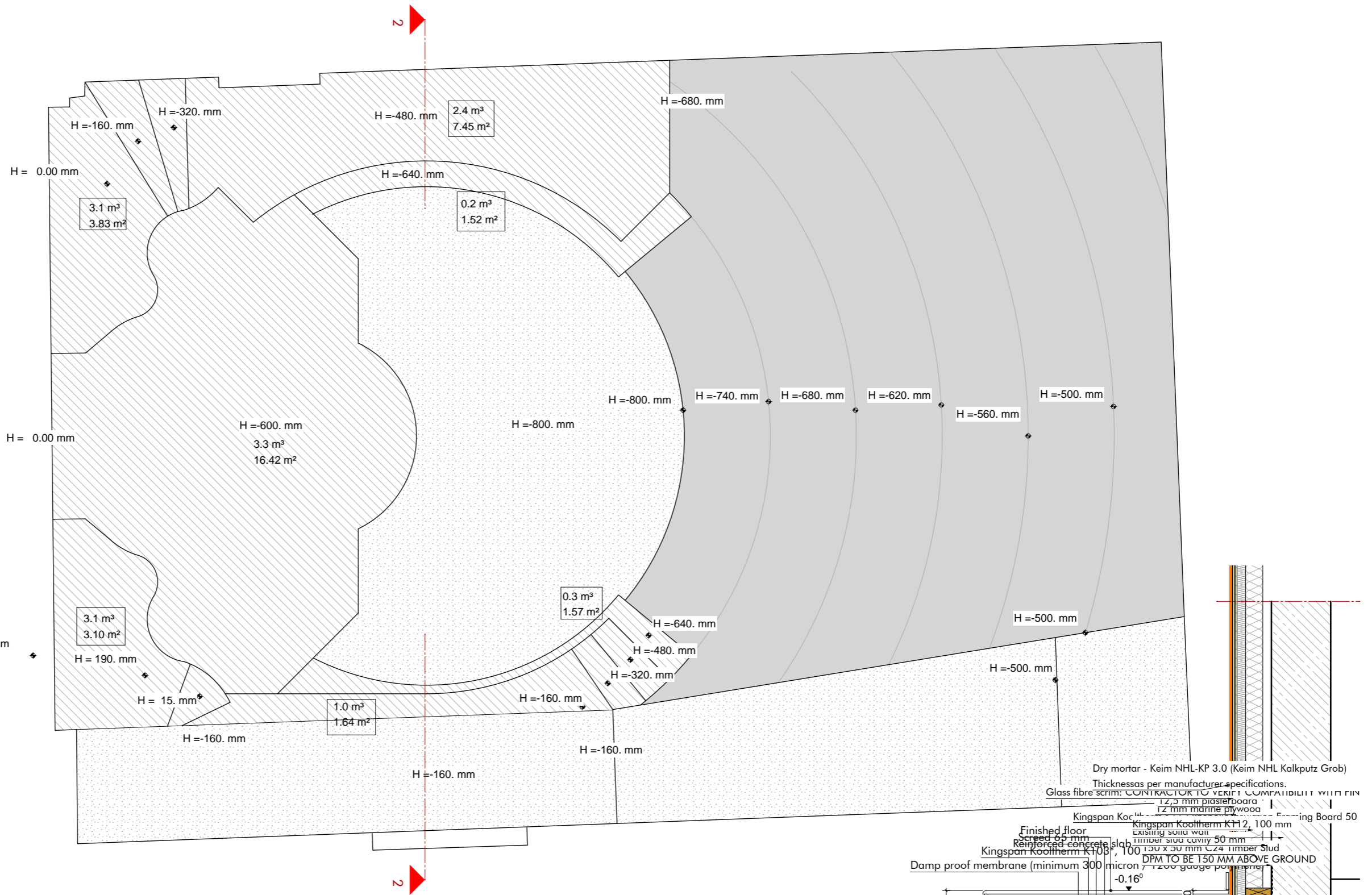
1 Finish Floor Level - diagram
3007
scale 1:50 @A3

0 0.5 1 2.5 m

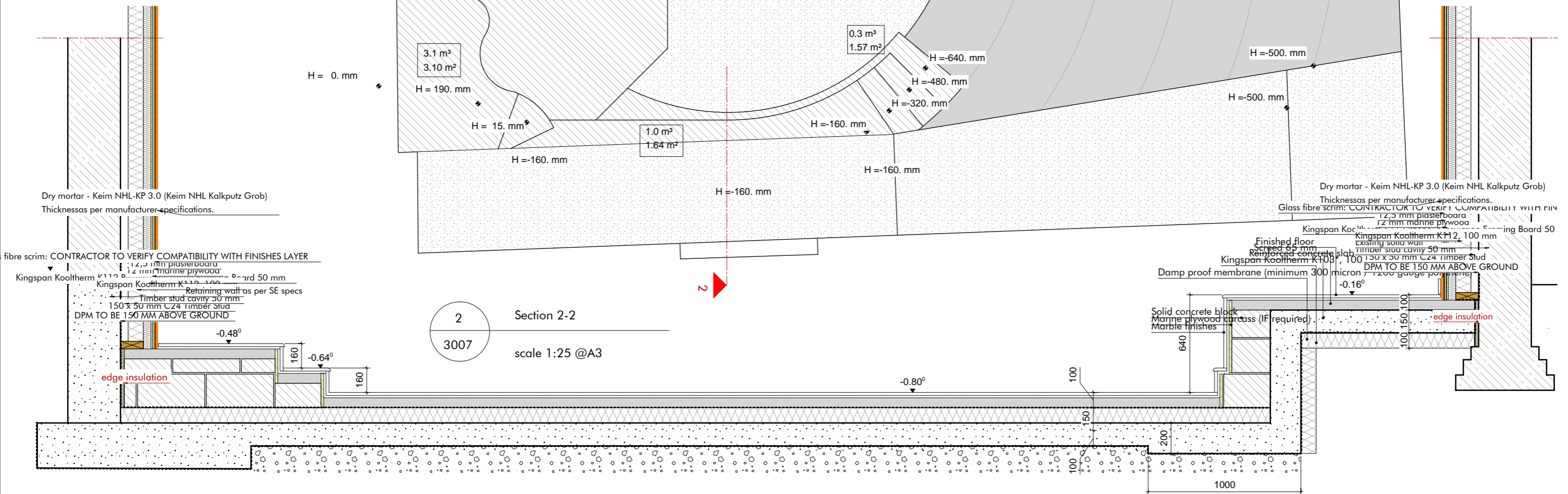


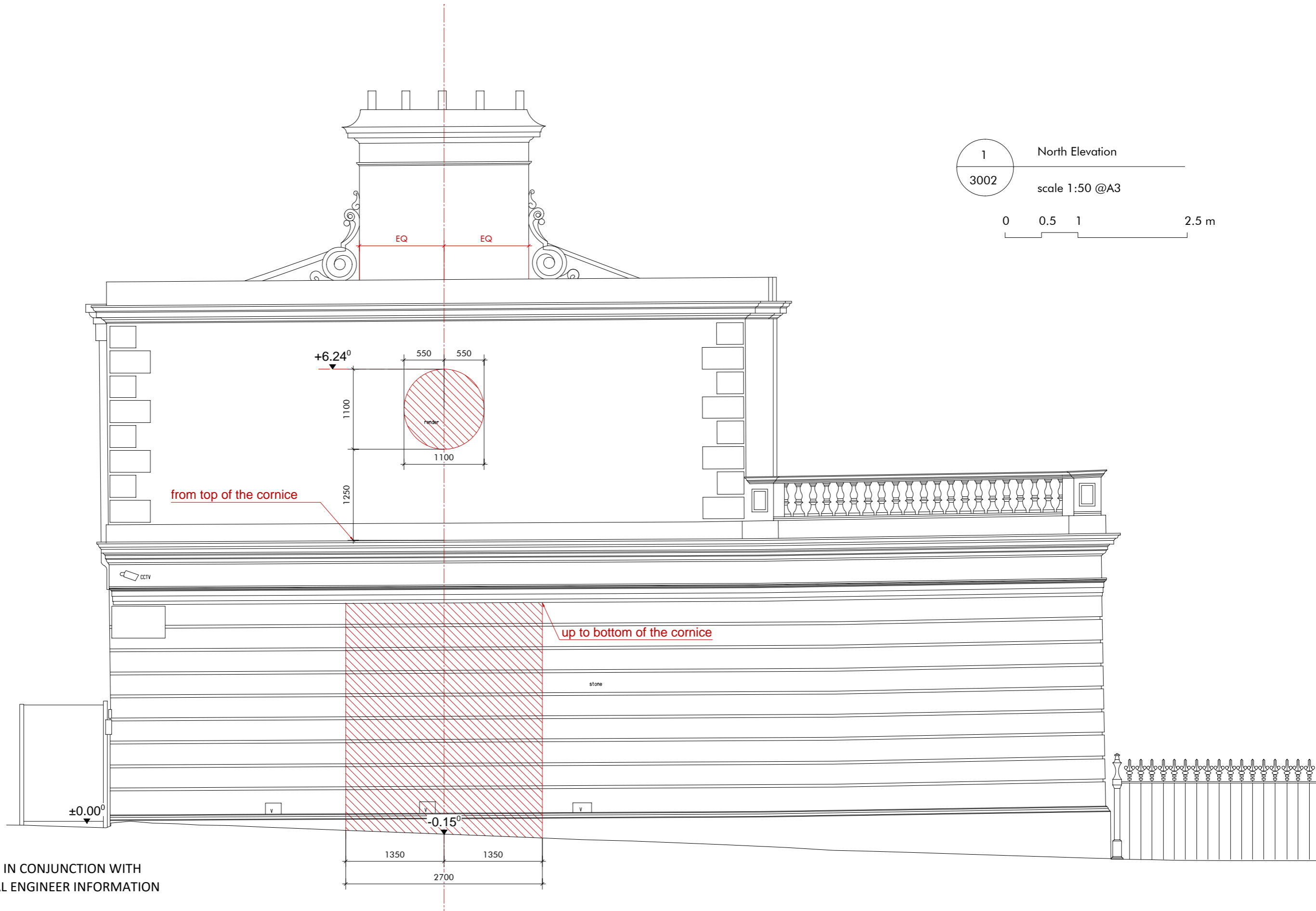
LEGEND

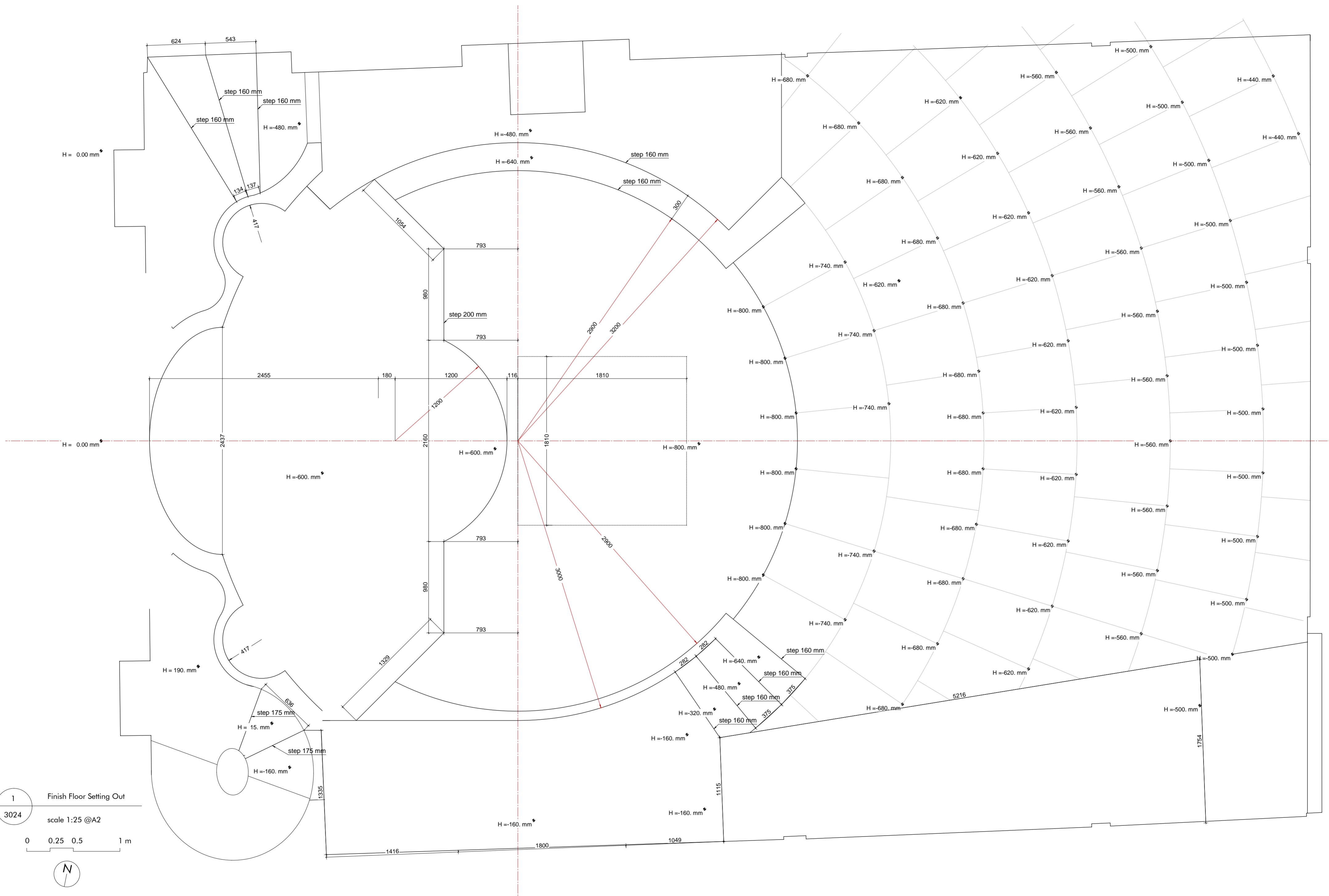
-  Blockwork
-  Concrete slope
-  RC structural slab



2 Section 2-2
3007
scale 1:25 @A3



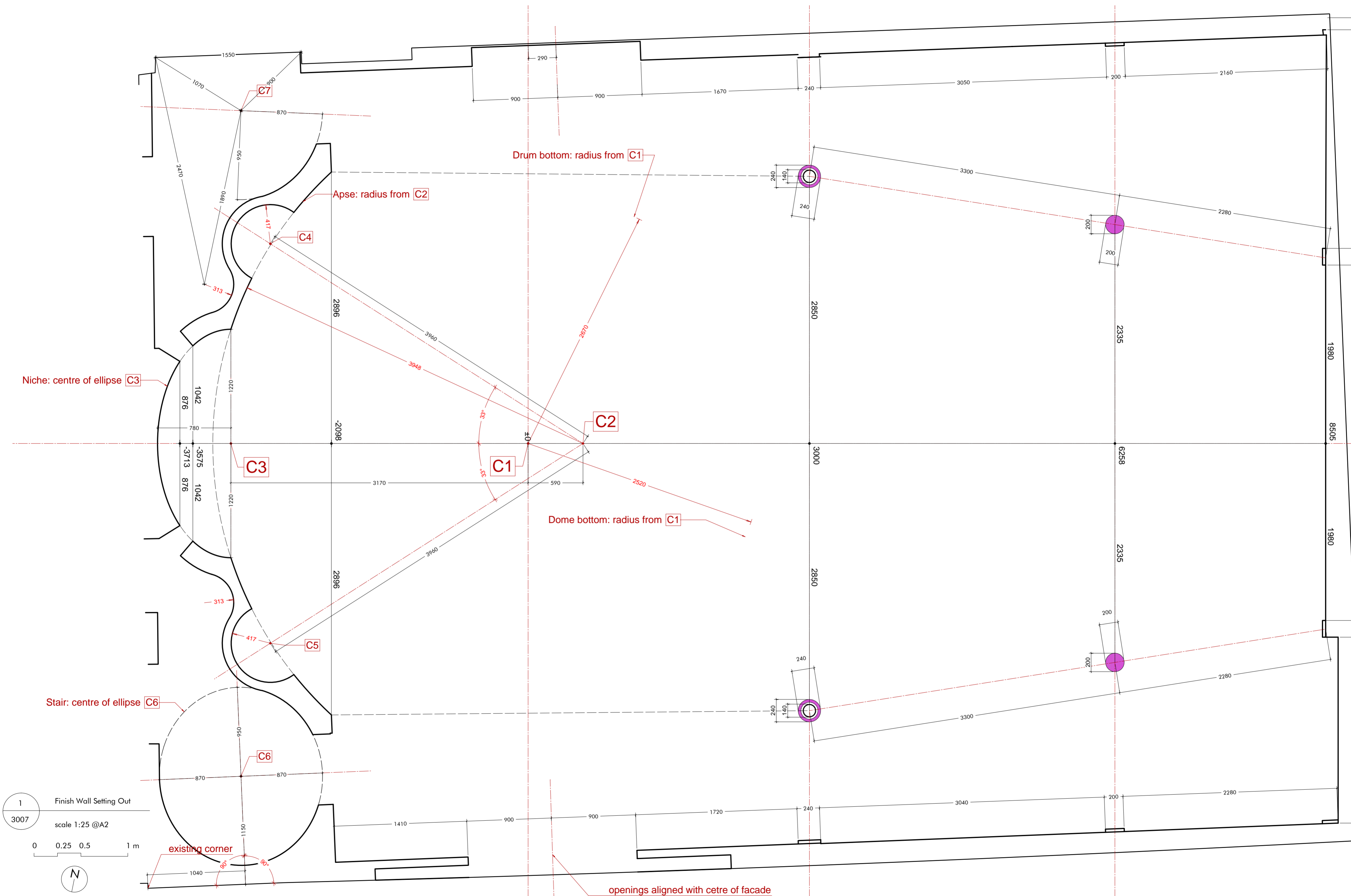


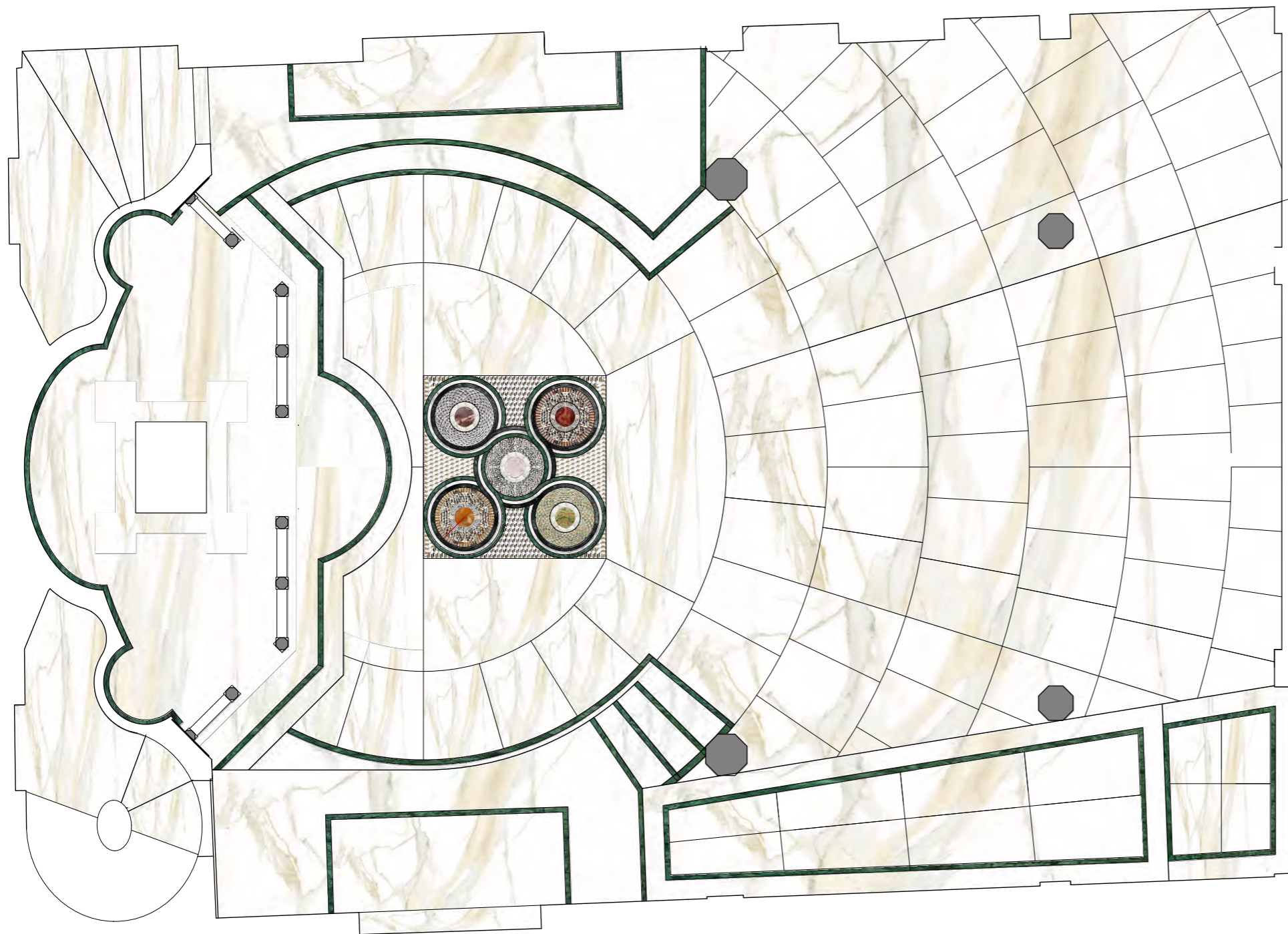


1
3024

Finish Floor Setting Out
scale 1:25 @A2

0 0.25 0.5 1 m





OPTION C

(cool, square, green)



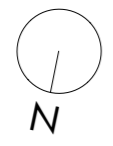
Primary colour:
CALACATA-GOLD-MARBLE



Hue accent:
VERDE GUATEMALA MARBLE

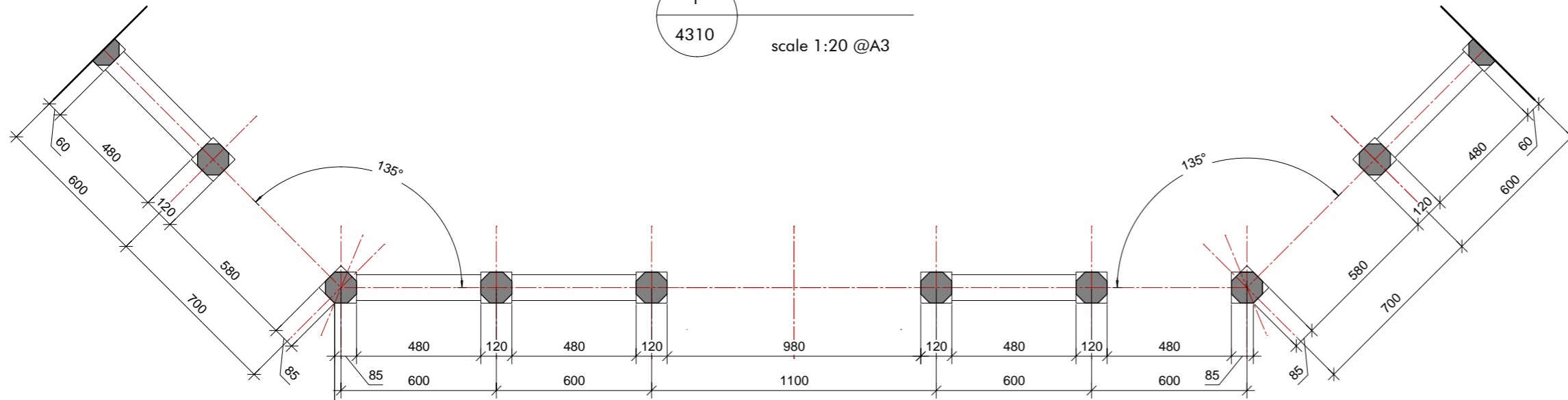


1 Floor layout
4300 scale 1:50 @A3

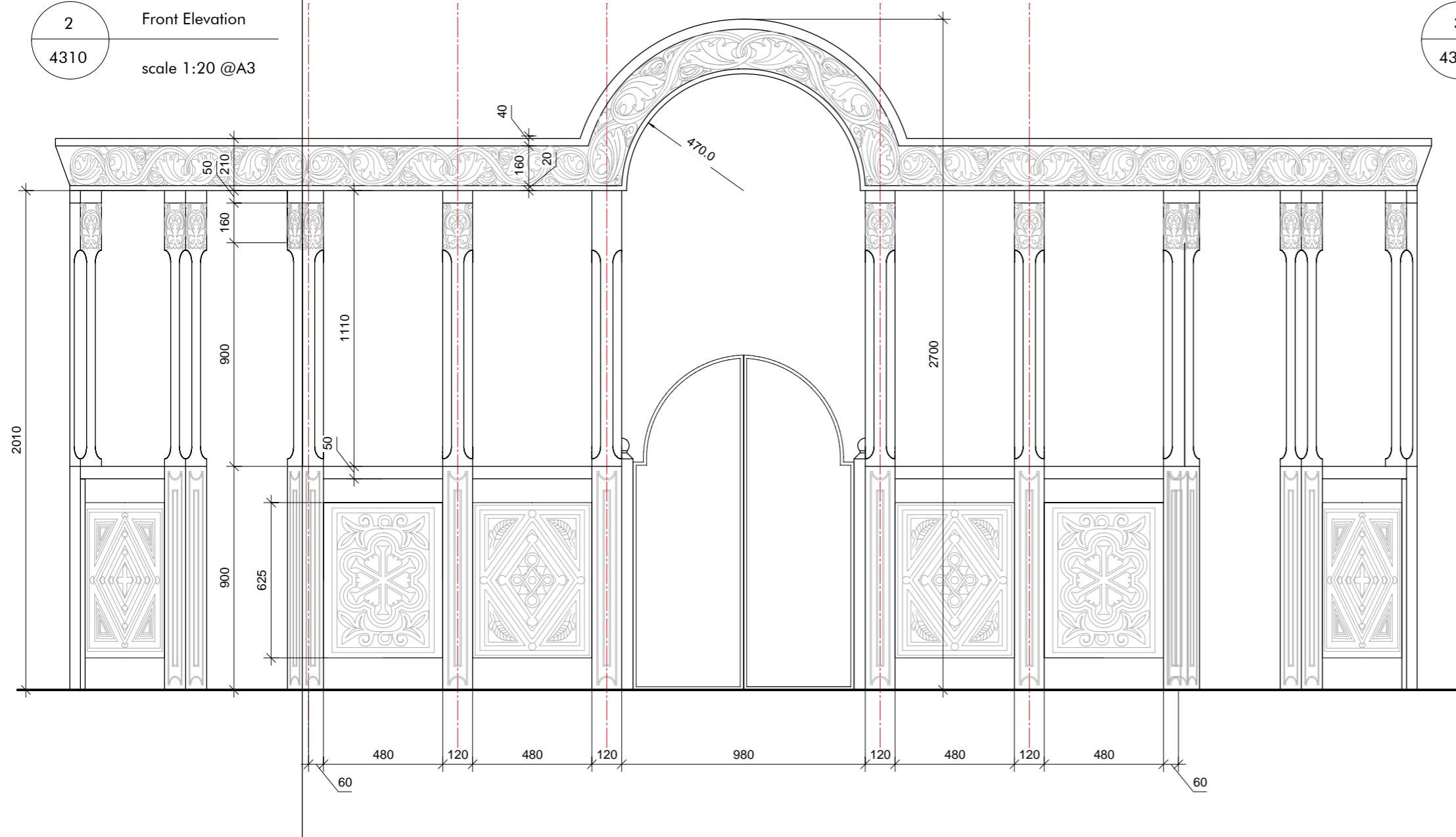


2 Floor detail
4300 scale 1:20 @A3

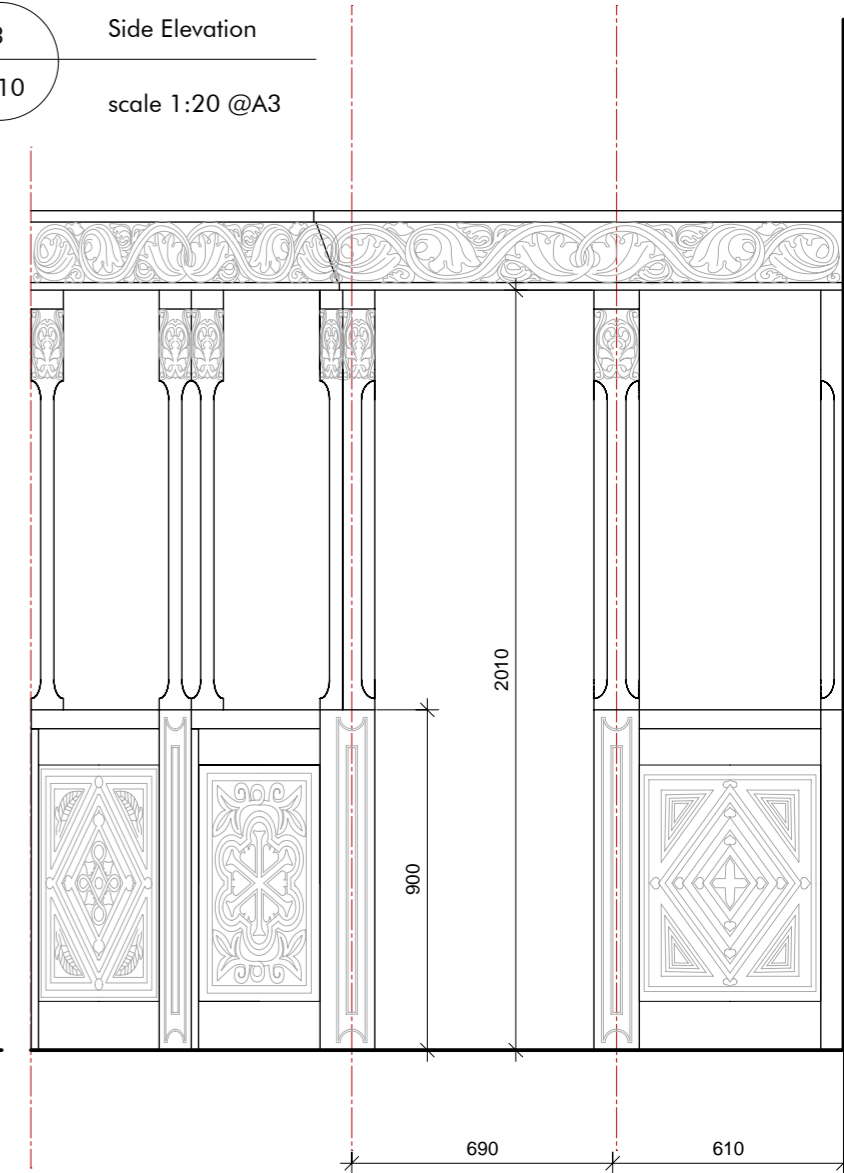
1 Plan
4310 scale 1:20 @A3



2 Front Elevation
4310 scale 1:20 @A3

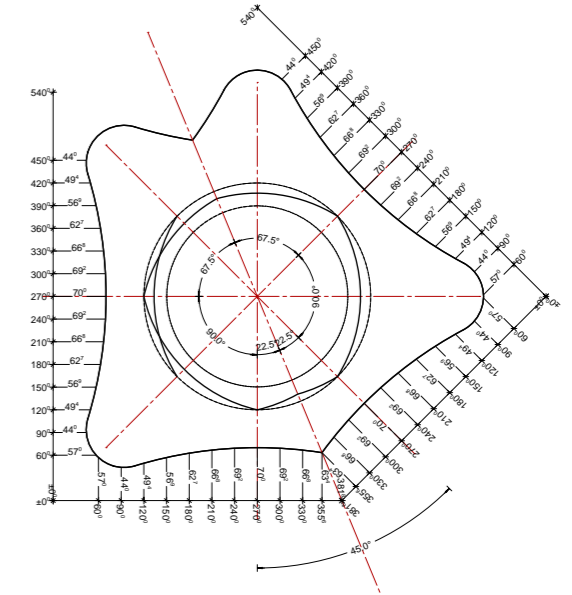
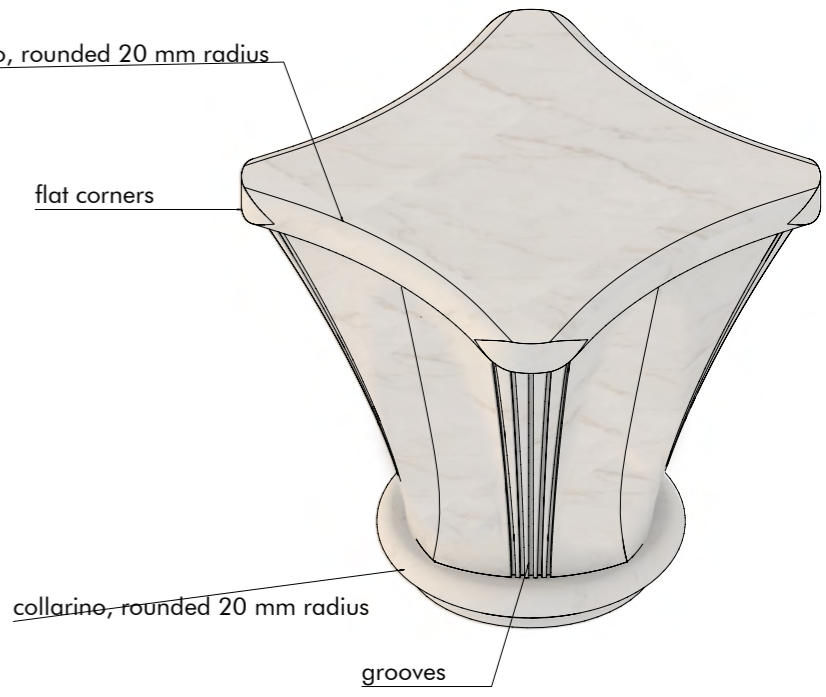
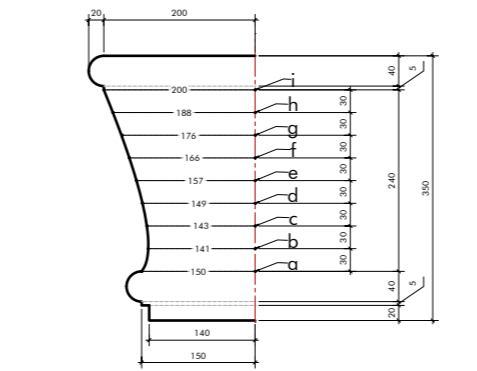
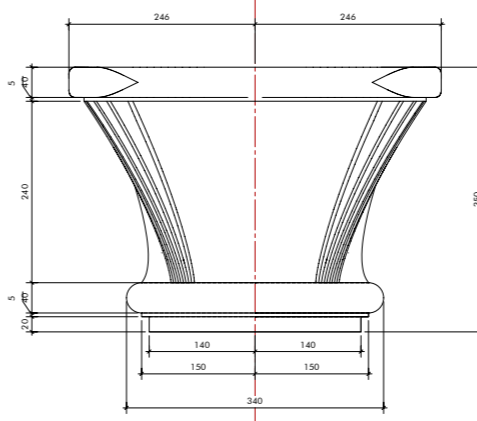
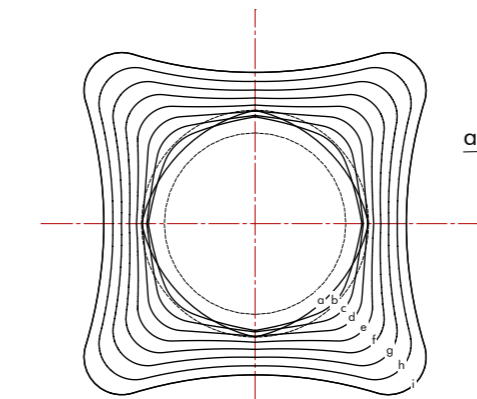
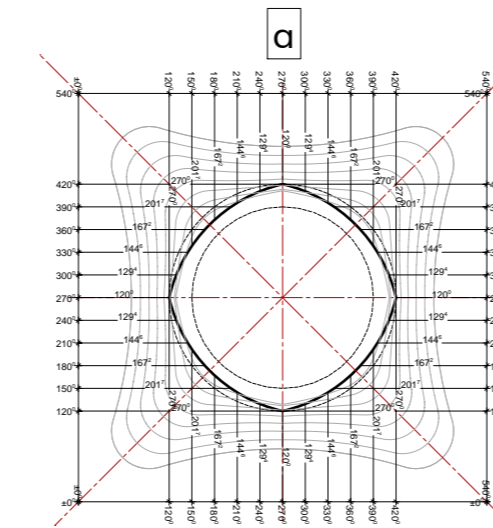
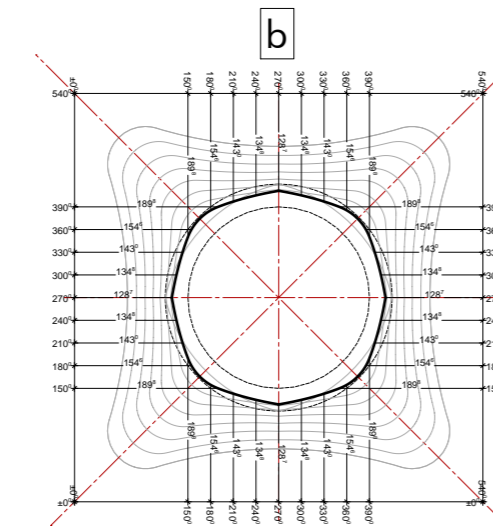
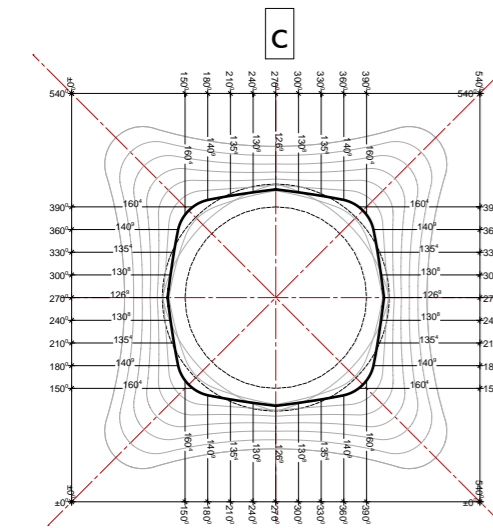
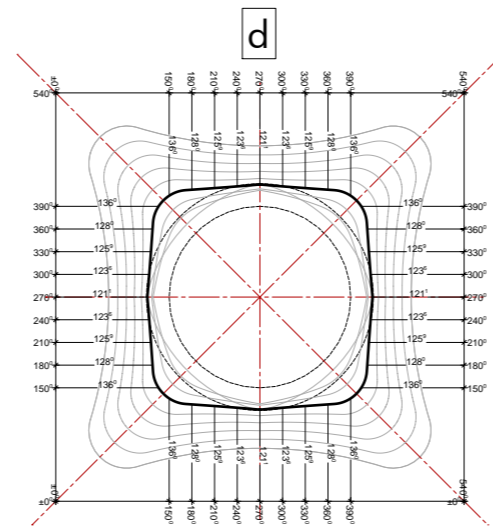
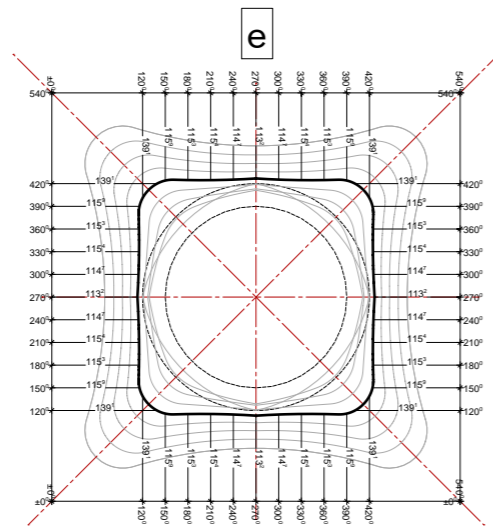
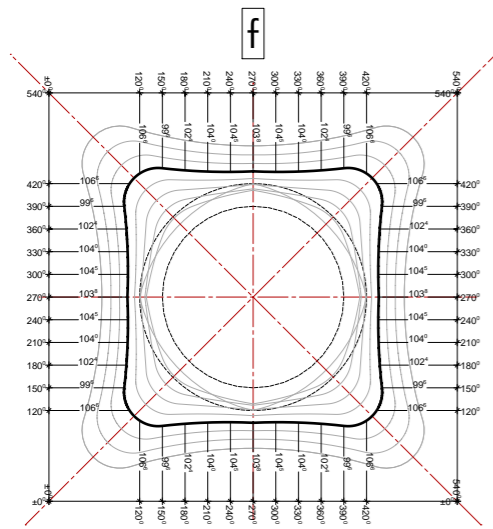
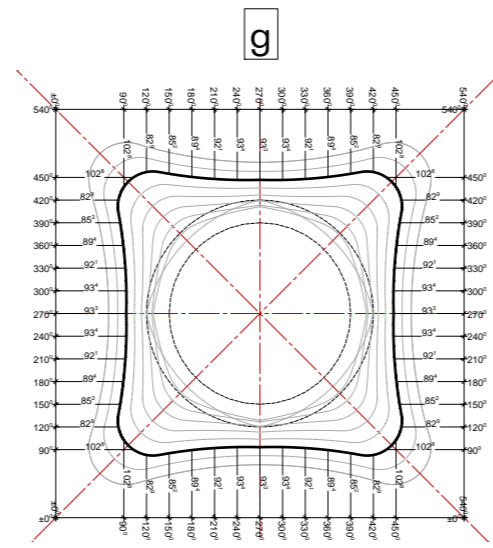
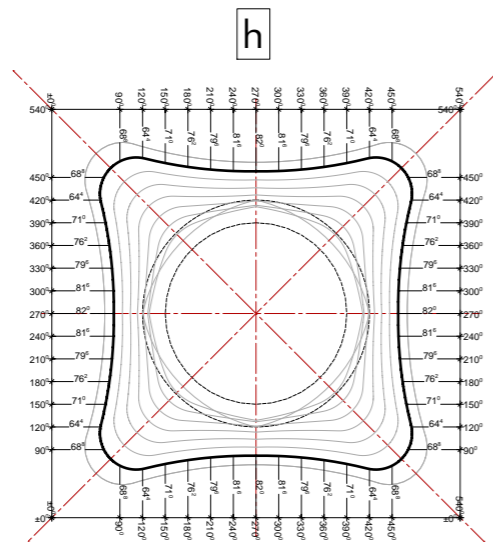
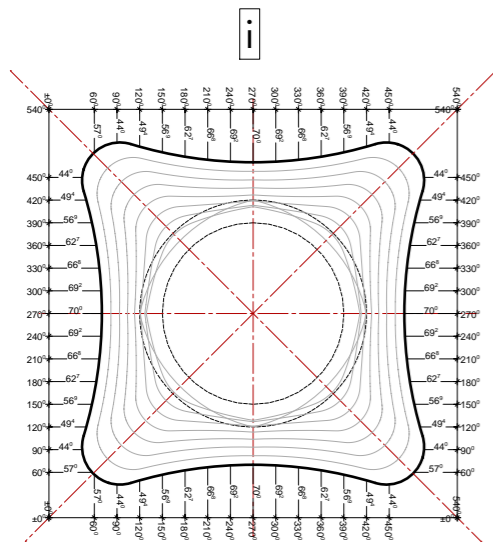


3 Side Elevation
4310 scale 1:20 @A3



Capital type: R4-240 (200, 100)*

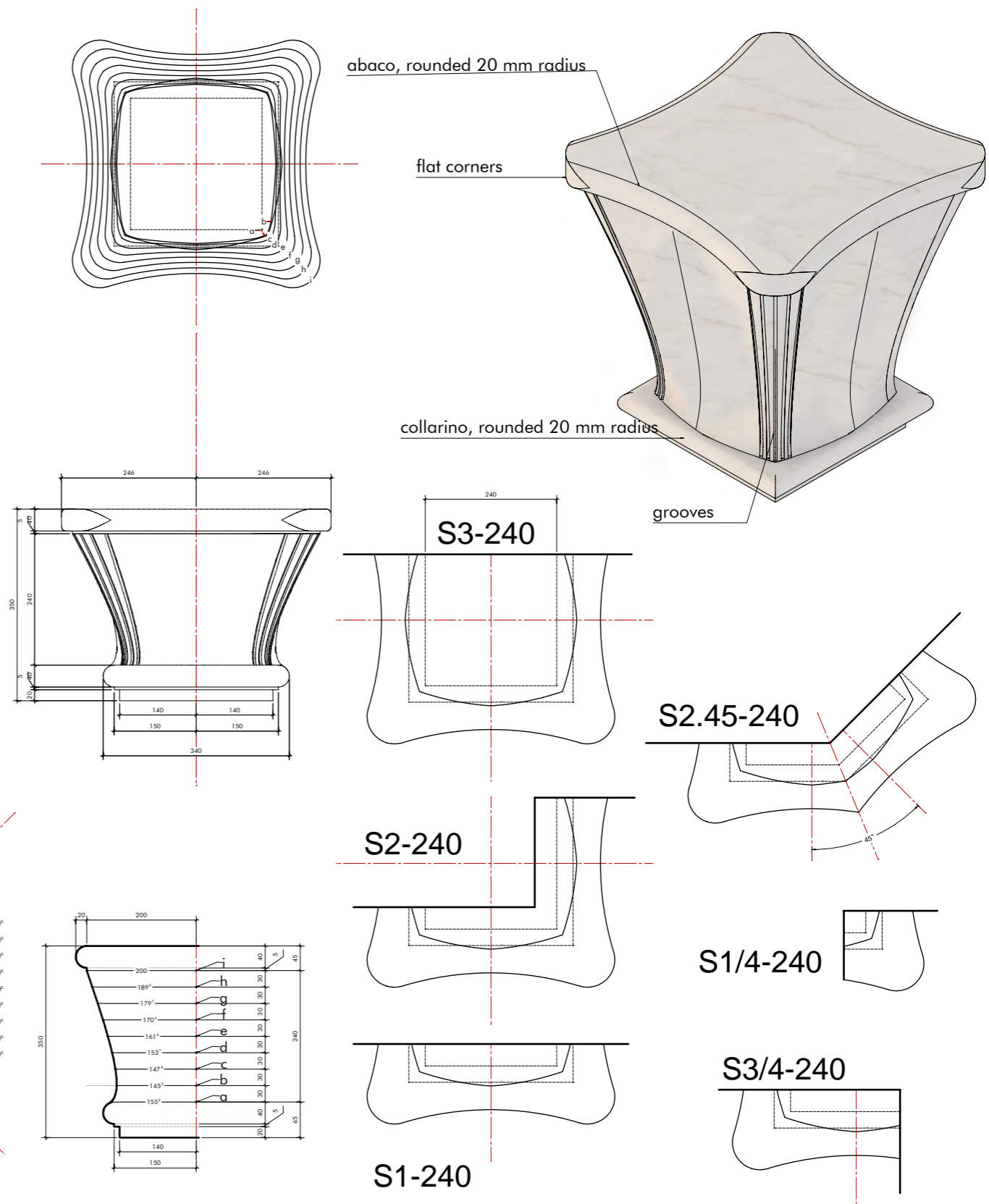
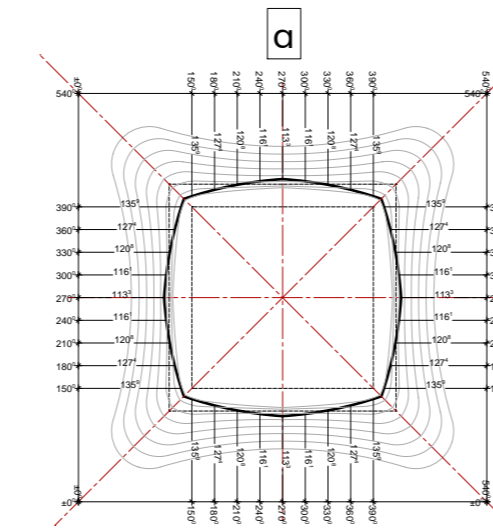
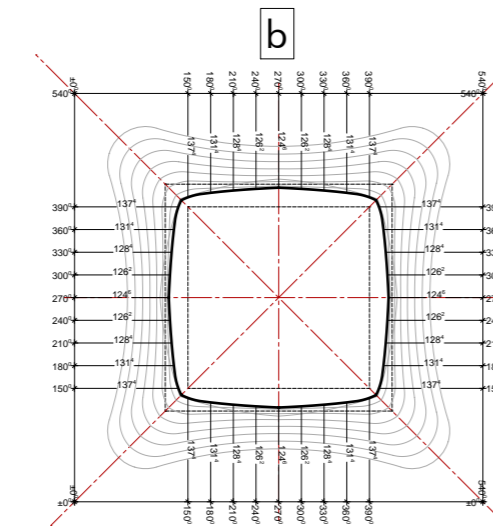
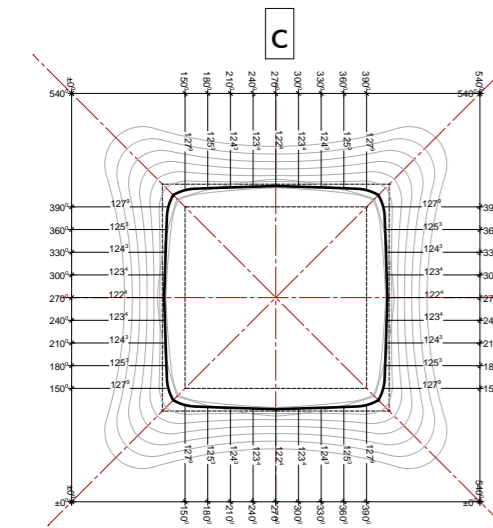
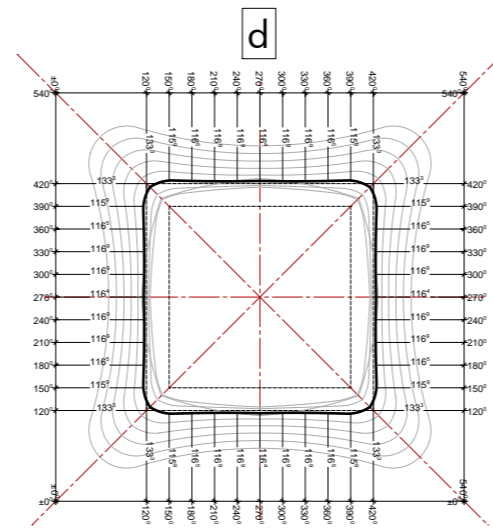
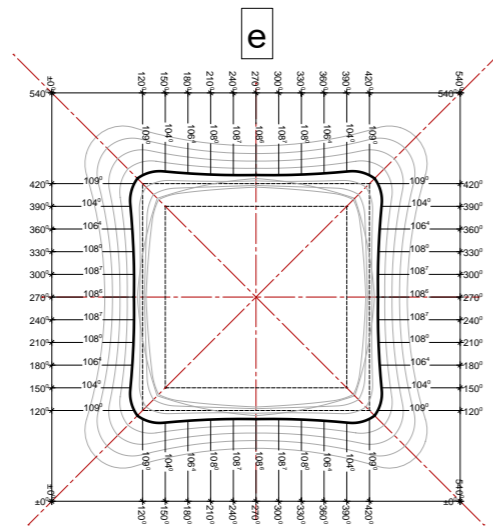
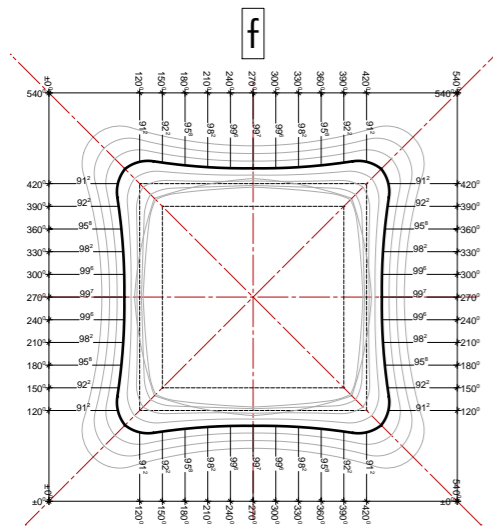
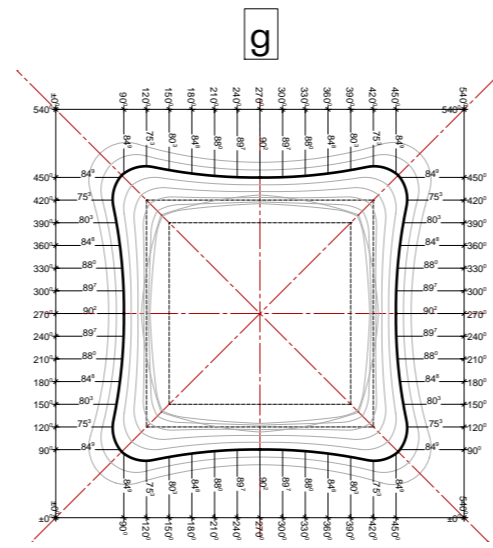
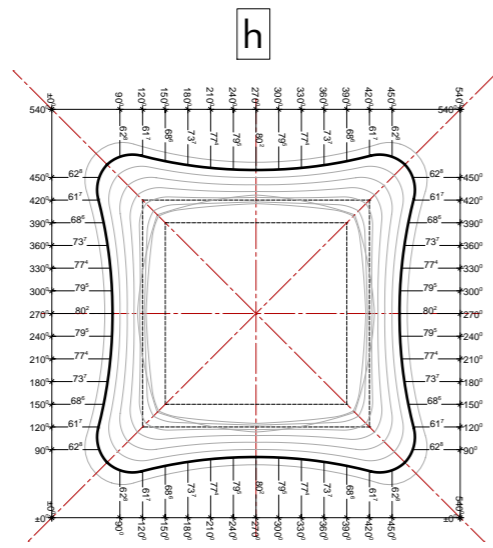
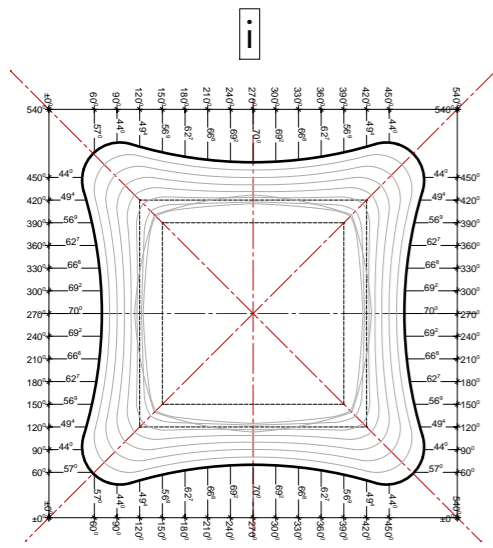
* 240, 200 or 100 refers to the size of the column underneath.
All dimension to be scaled proportionally.



Capital type: R4.45-240

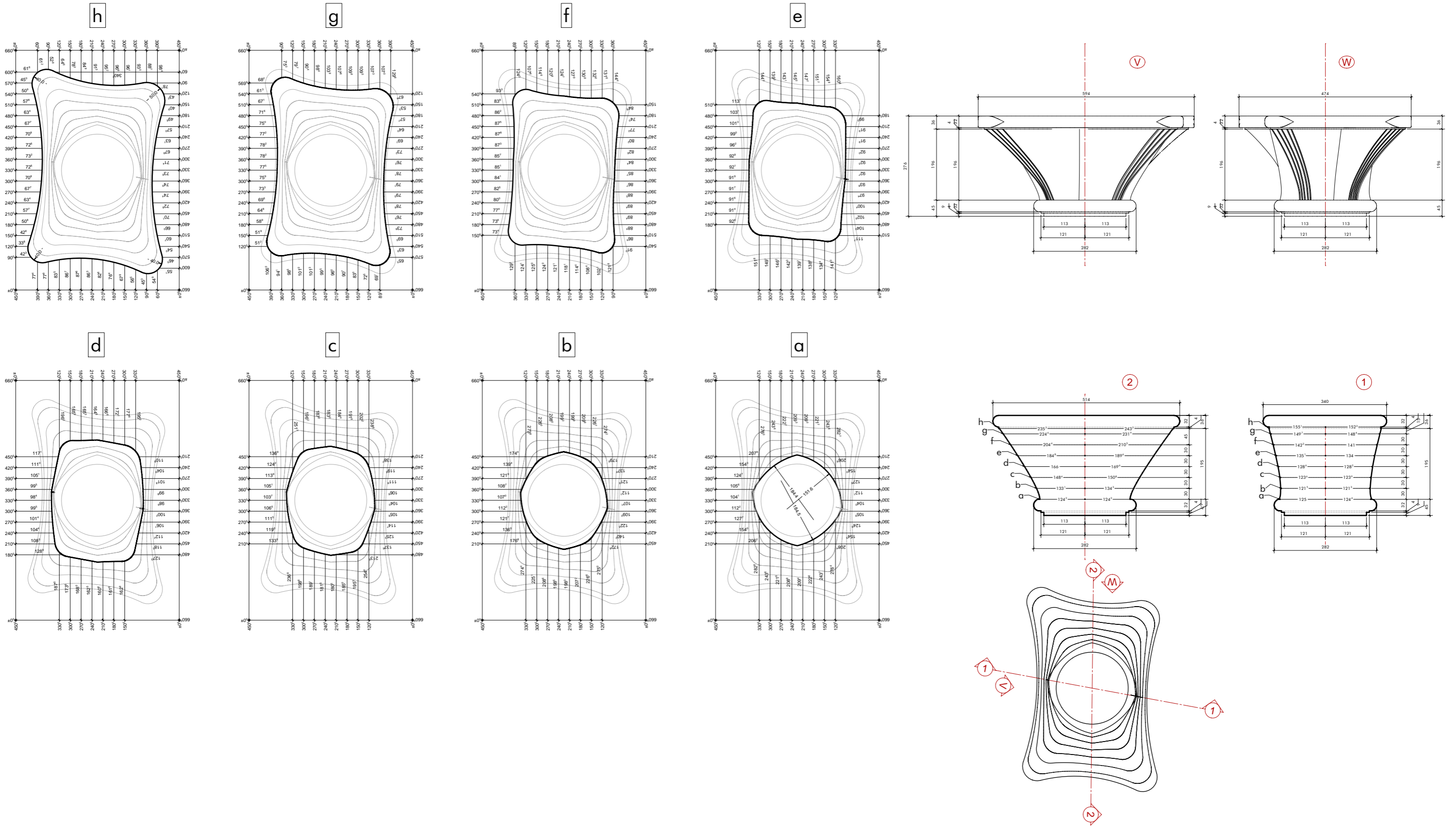
Capital type: S4-240 (200, 178)*

* 240, 200, or 178 refers to the size of the pilaster underneath.
All dimension to be scaled proportionally.



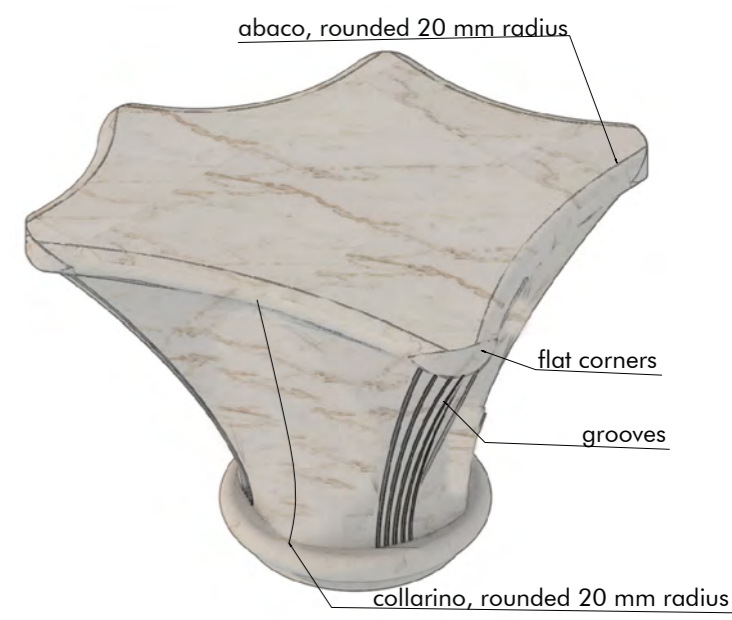
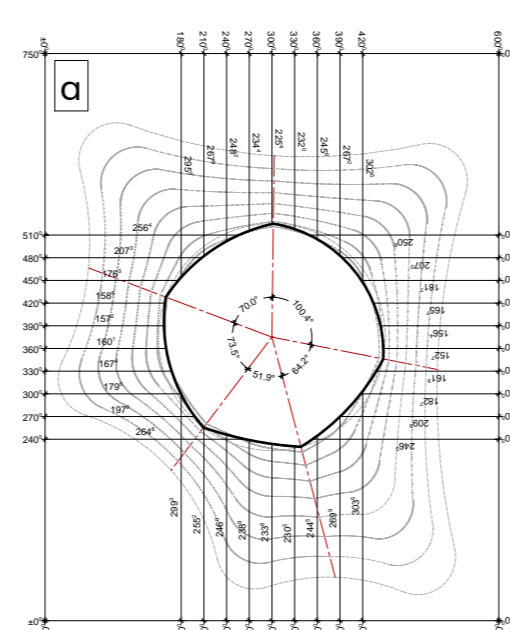
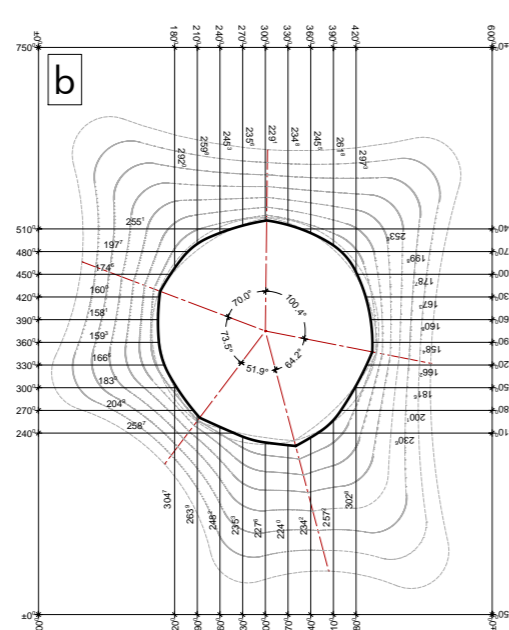
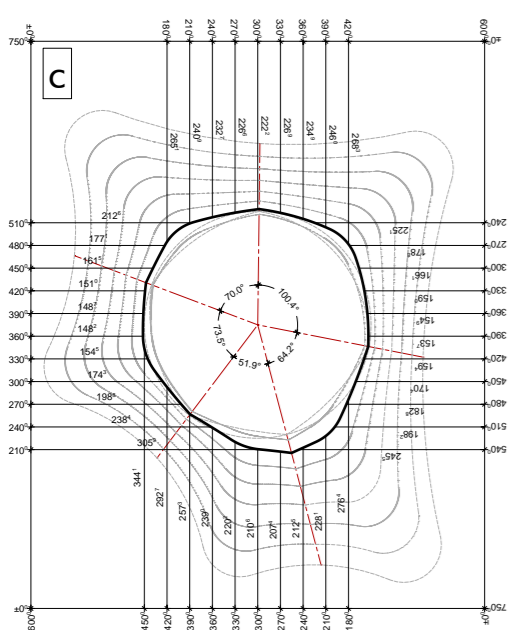
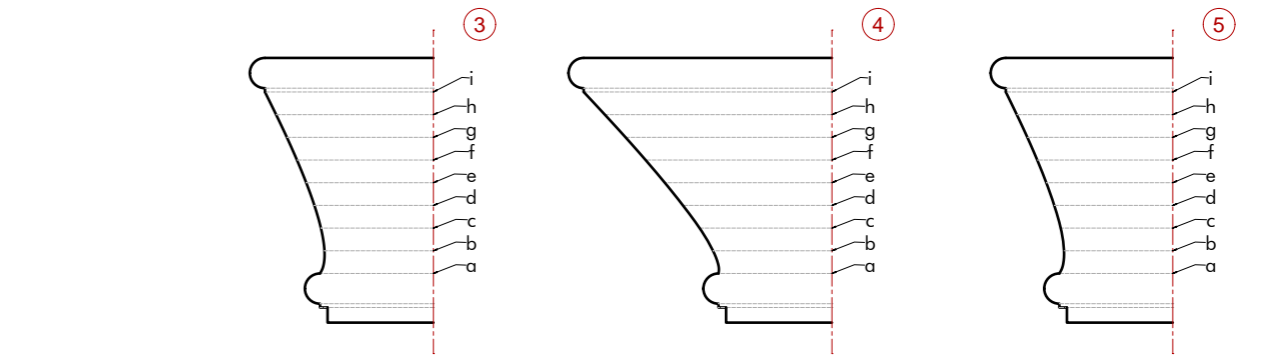
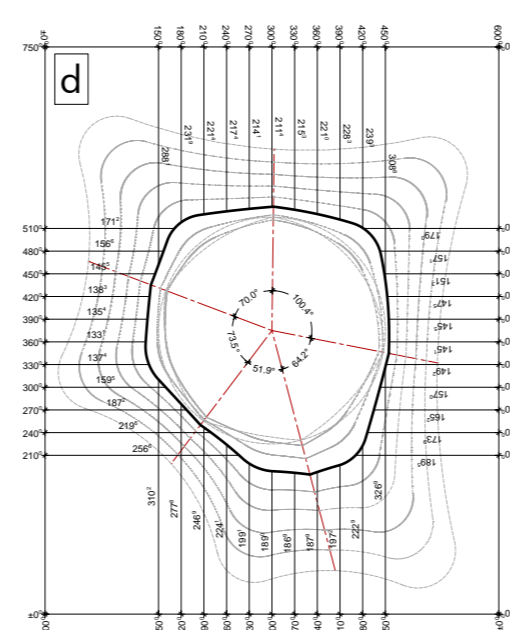
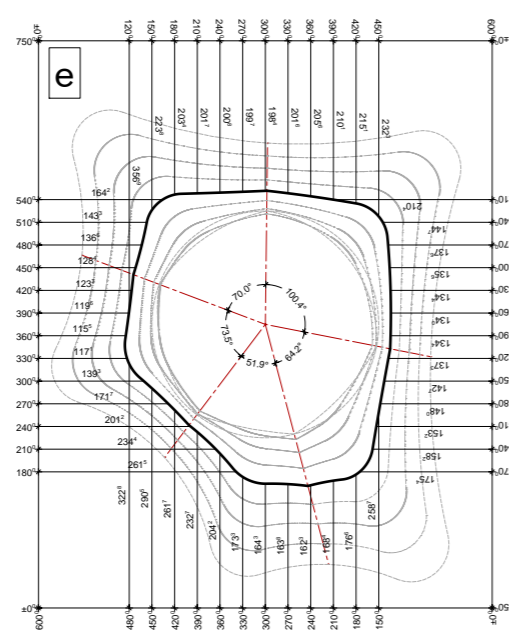
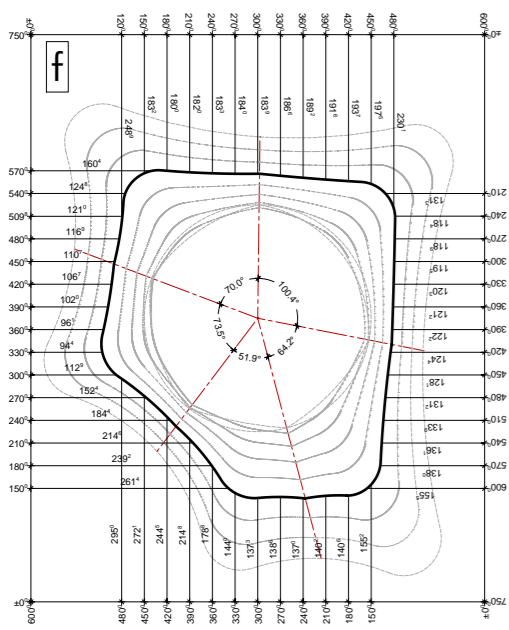
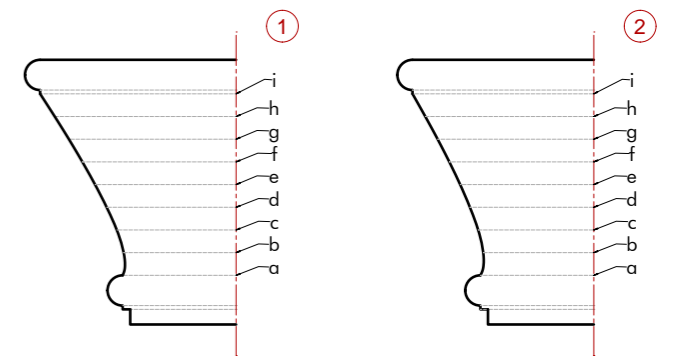
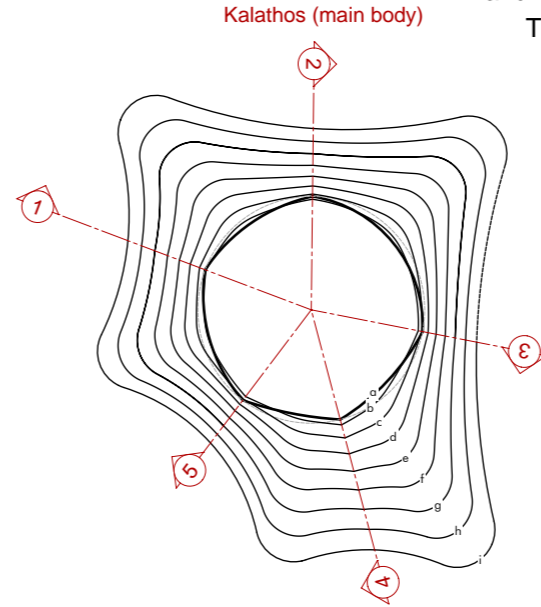
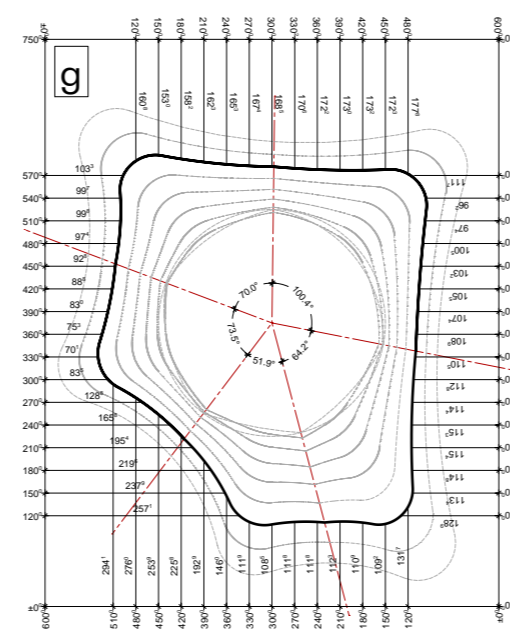
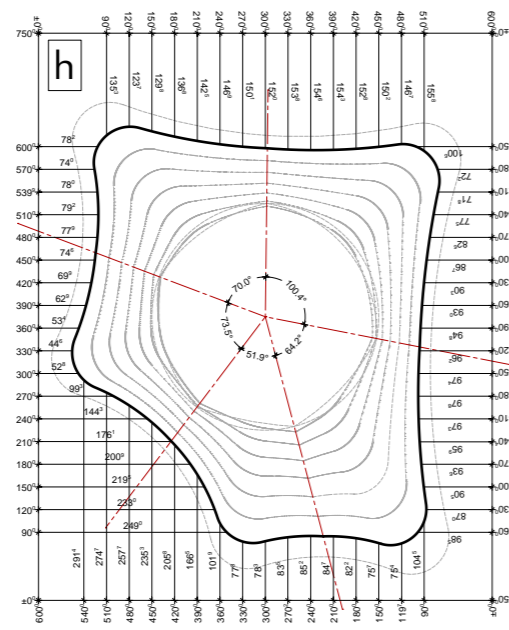
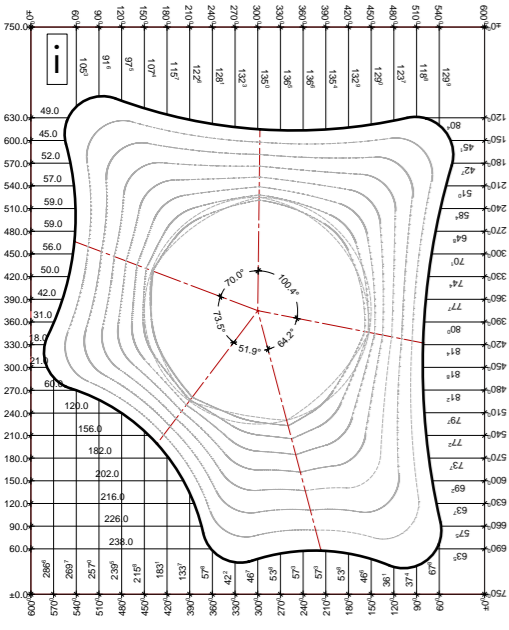
Capital type: R4-200 (R, L)*

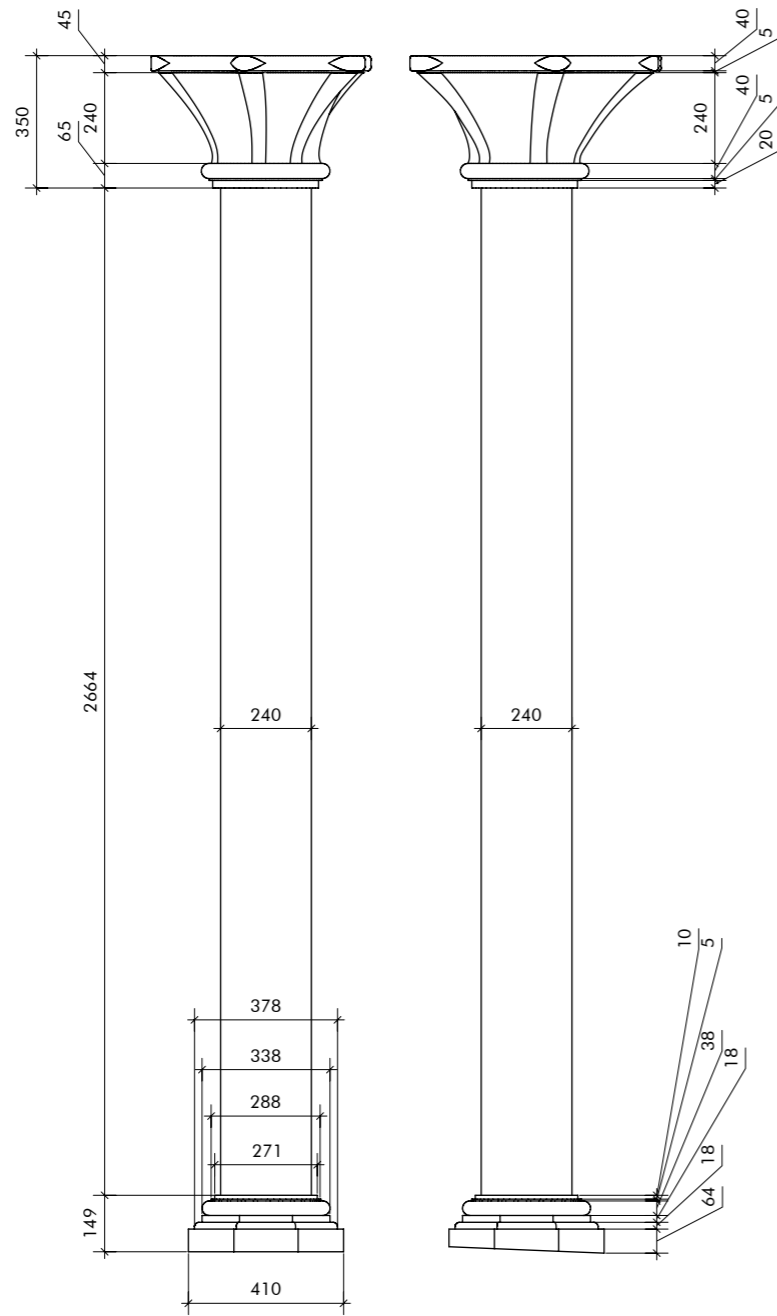
* R and L refers to the position to the right (R) or to the left (L) of the nave.
The capital in this drawing is (R). Shape for type (L) to be mirrored.



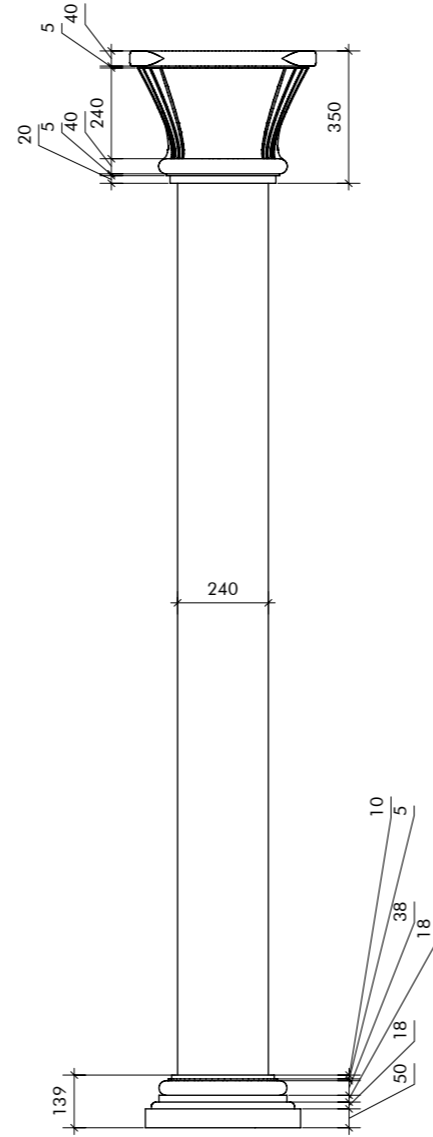
Capital type: R5-240 (R, L)*

* R and L refers to the position to the right (R) or to the left (L) of the nave.
The capital in this drawing is (R). Shape for type (L) to be mirrored.

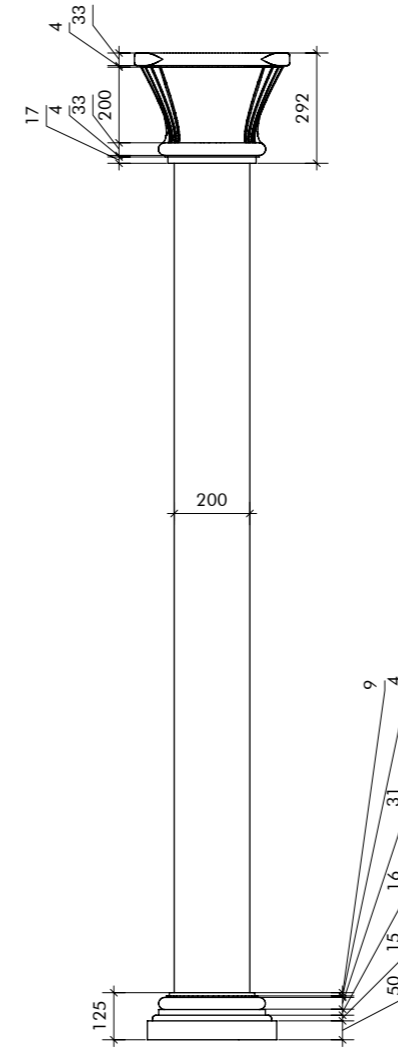




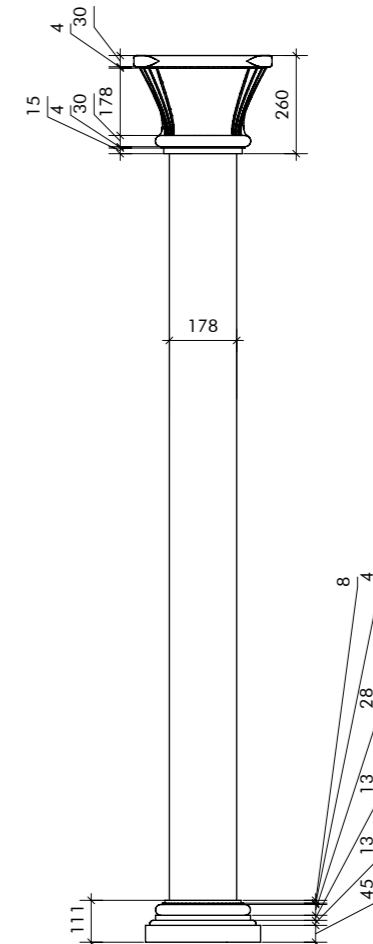
R5-240



S 240

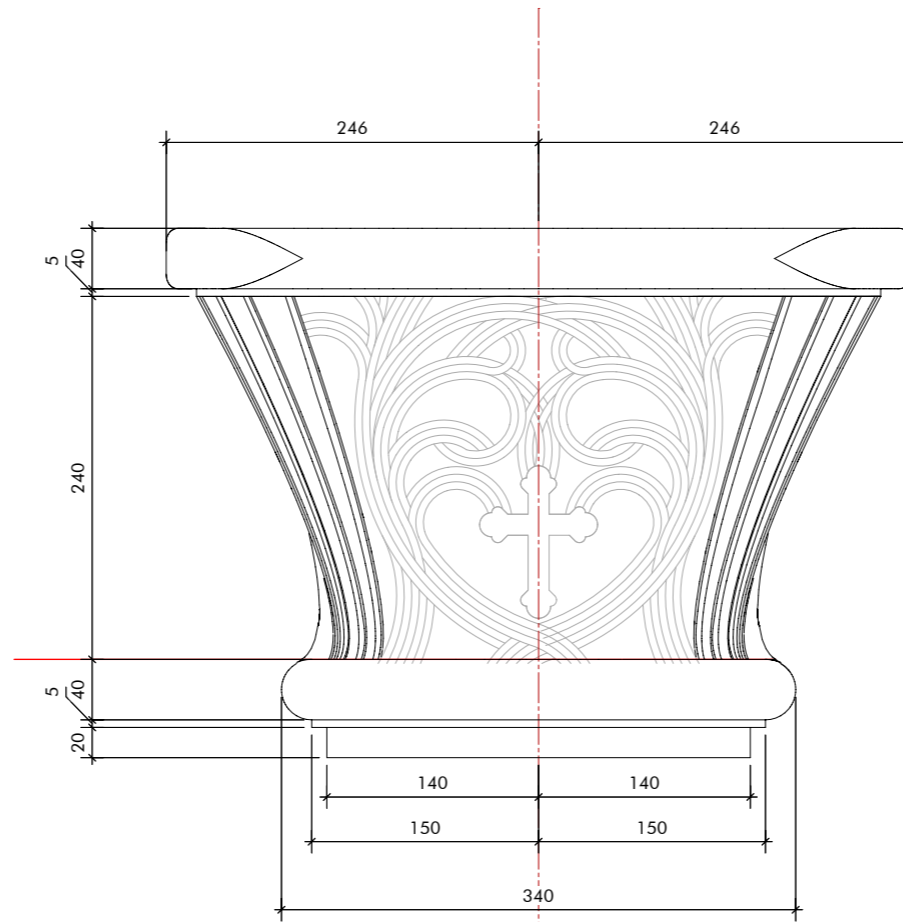


S 200

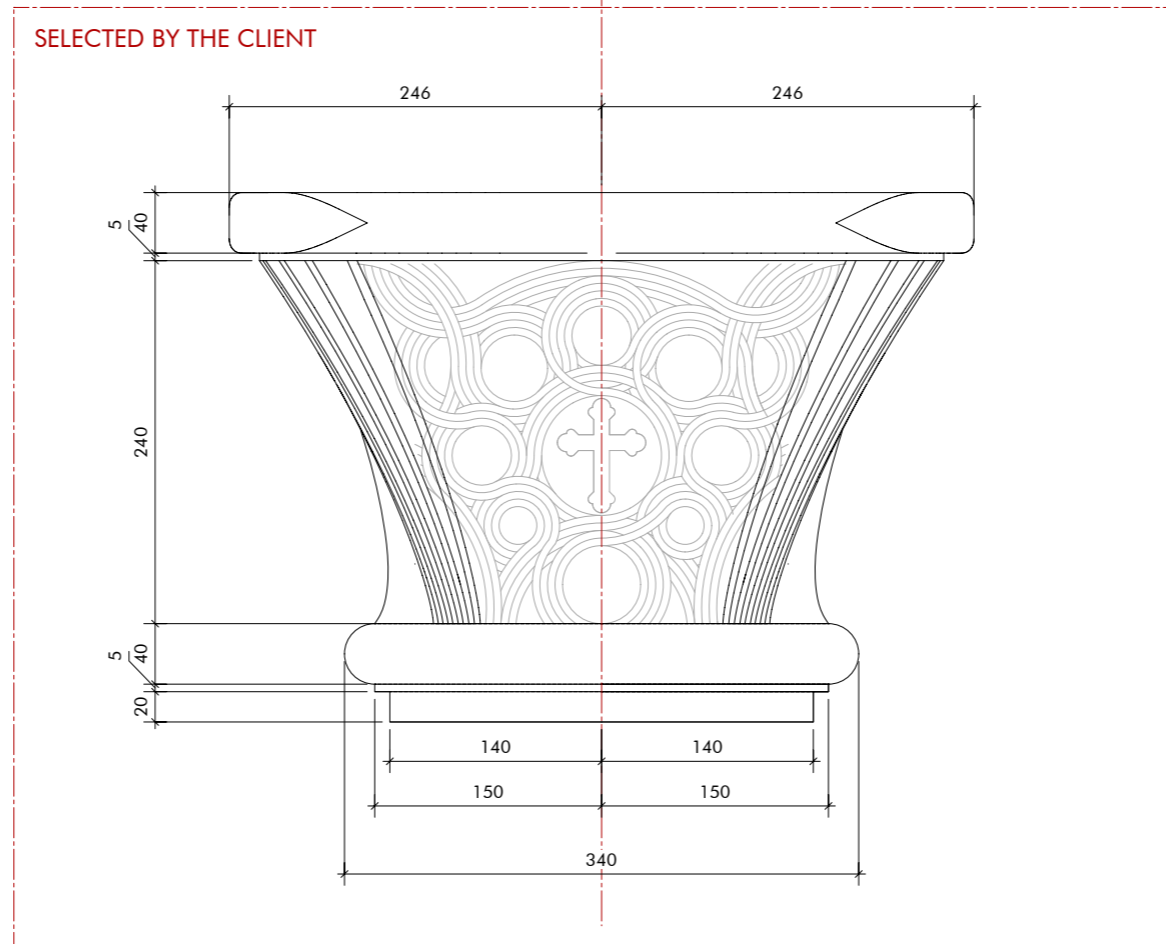


S 178

1 Elevation
4324 scale 1:20 @A3



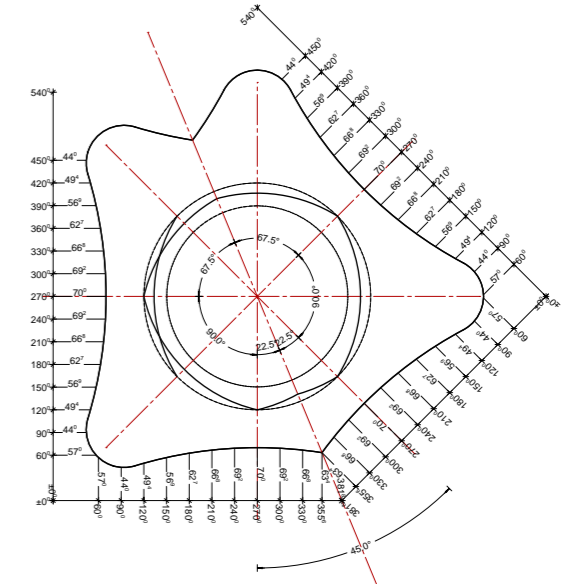
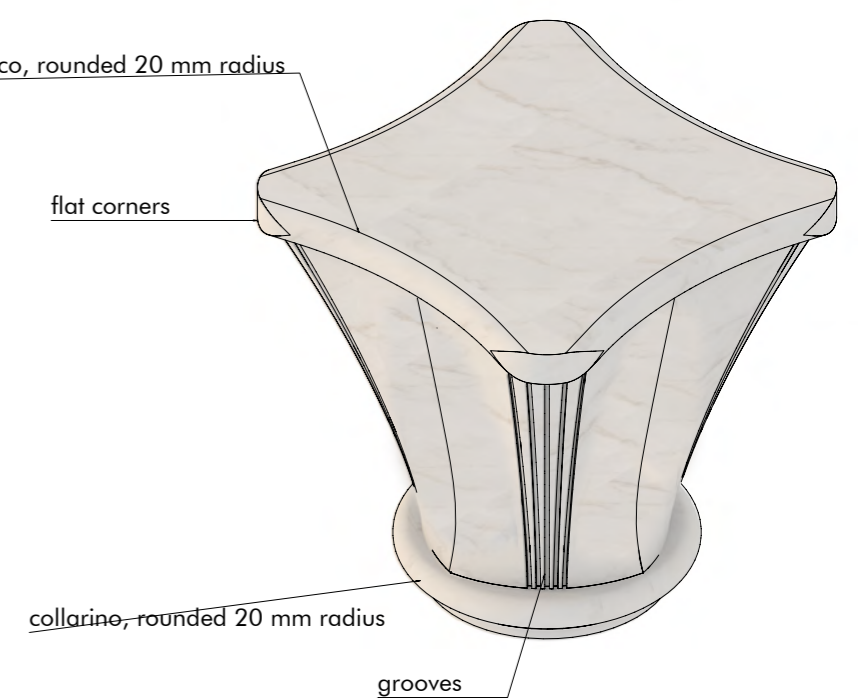
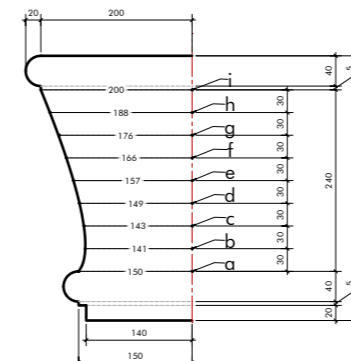
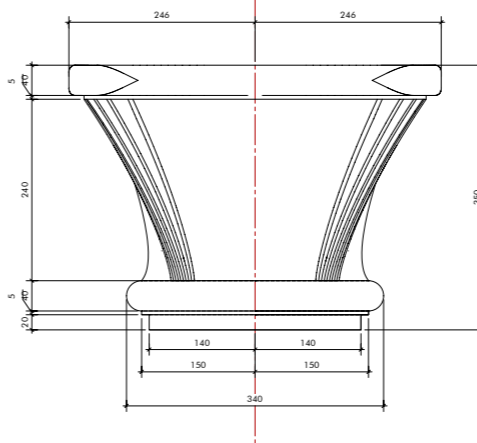
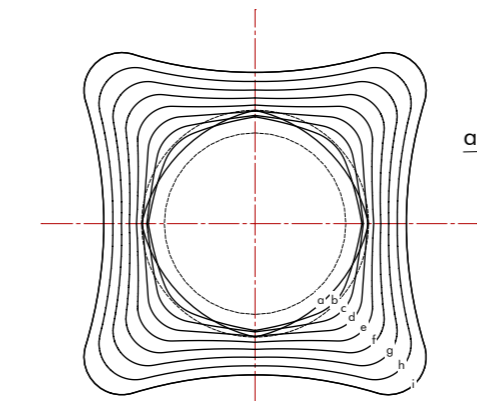
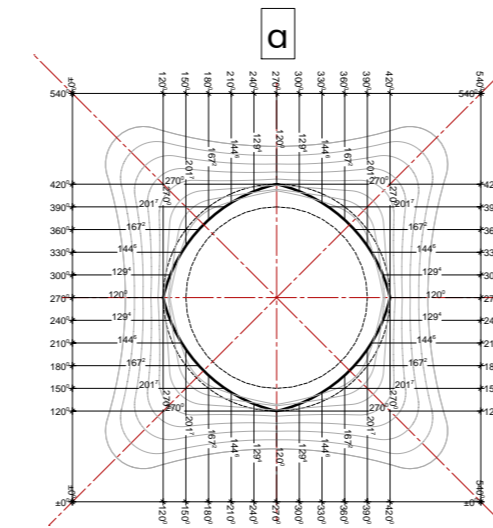
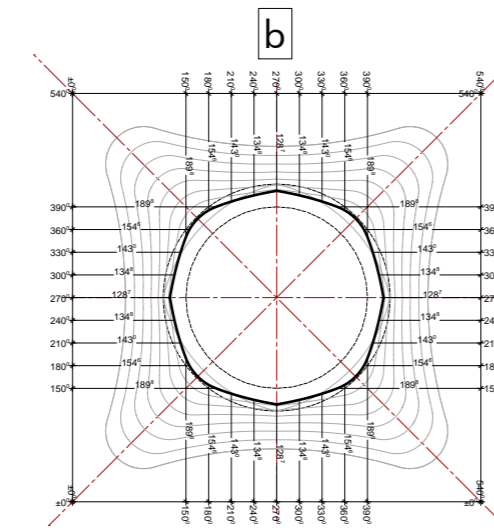
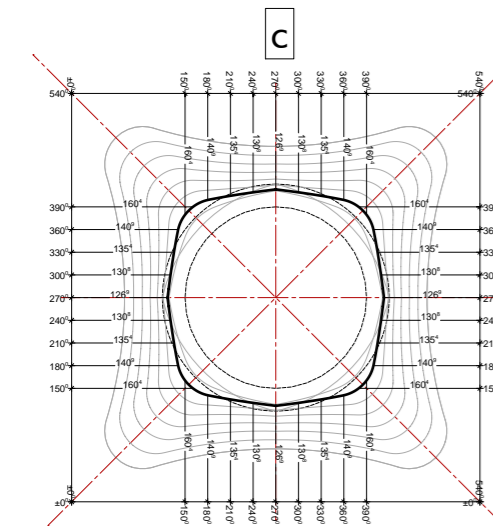
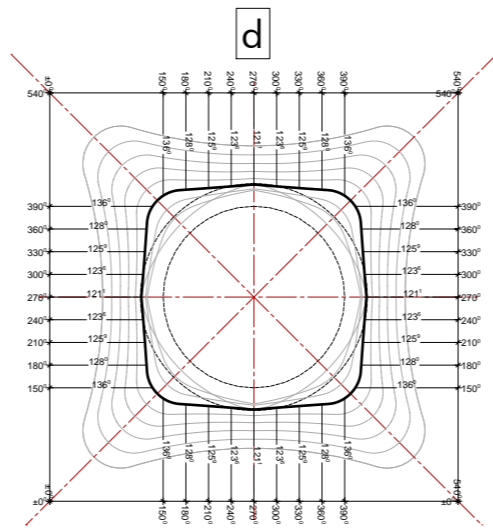
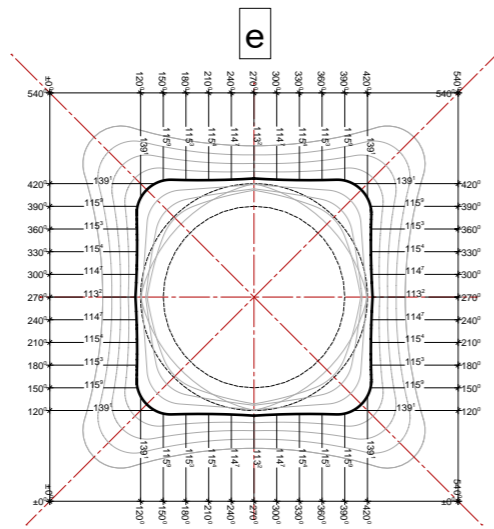
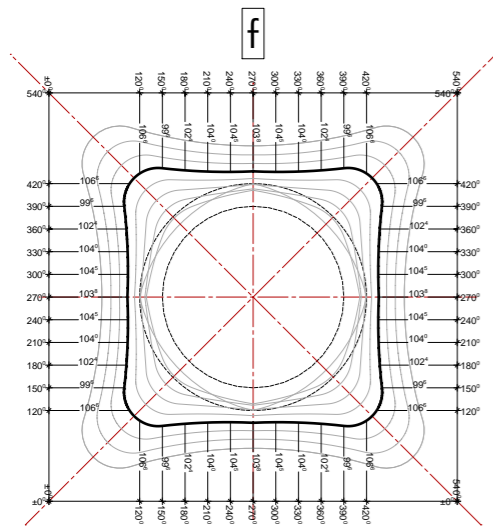
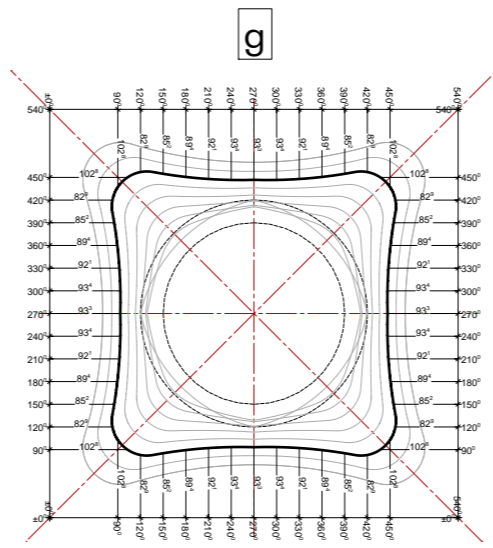
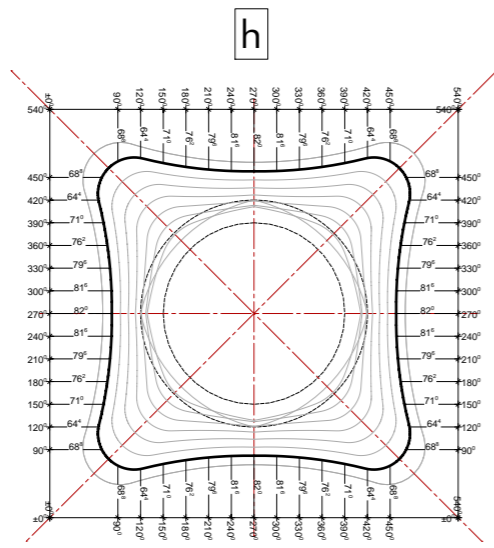
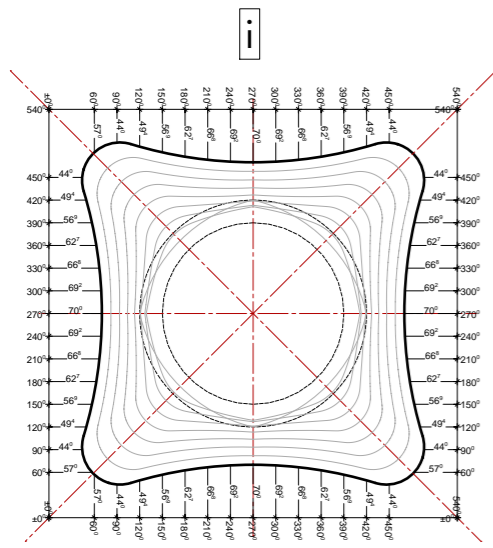
2 Geometrical Type 2
4325 scale 1:5 @A3



1 Geometrical Type 1
4325 scale 1:5 @A3

Capital type: R4-240 (200, 100)*

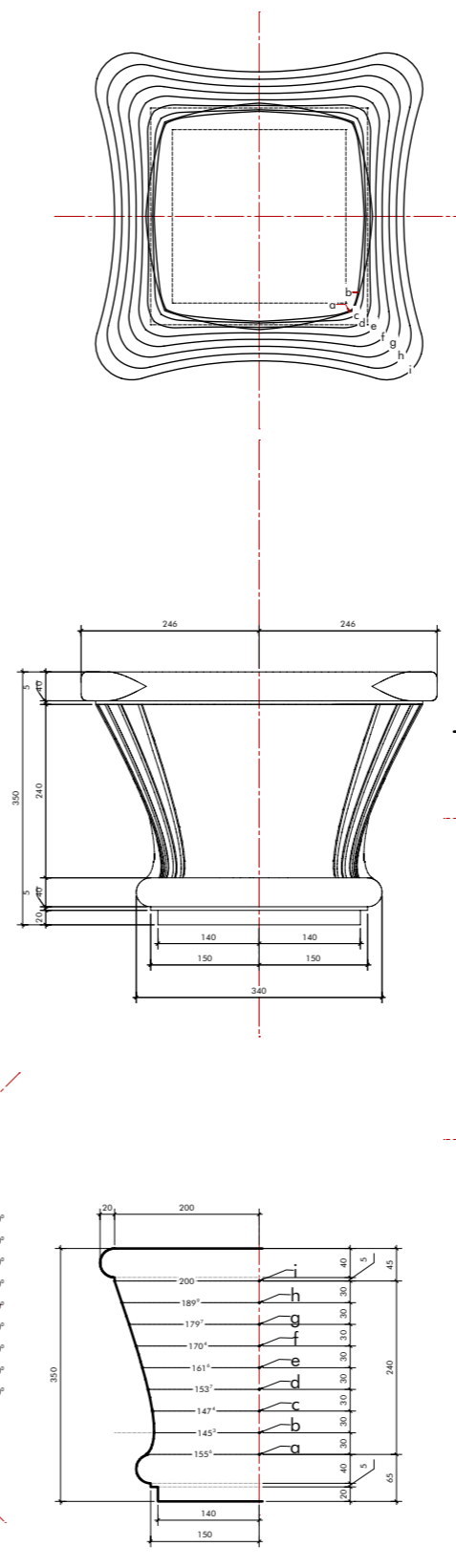
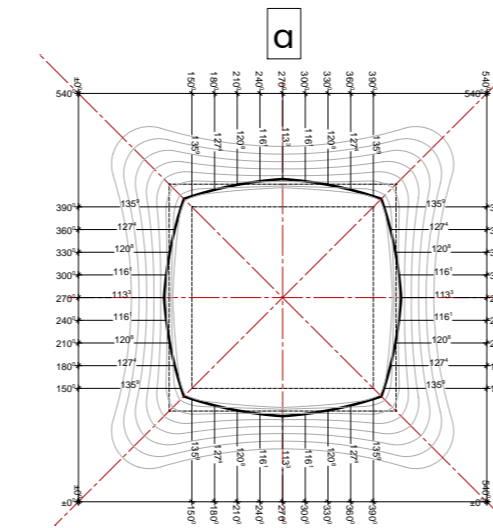
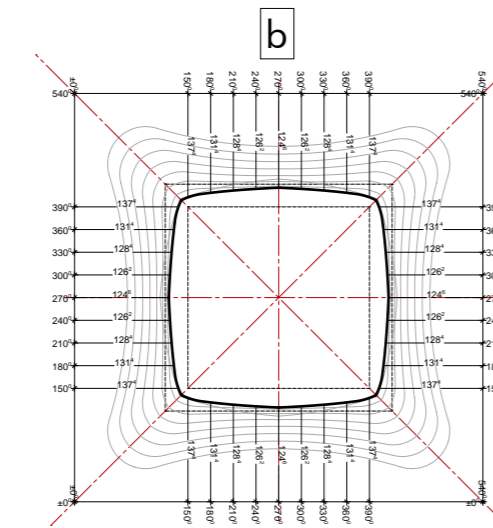
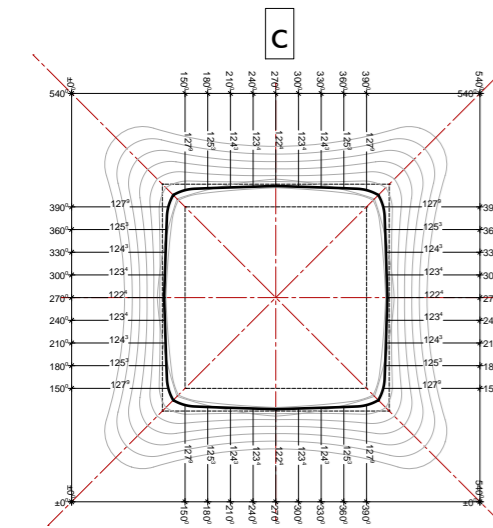
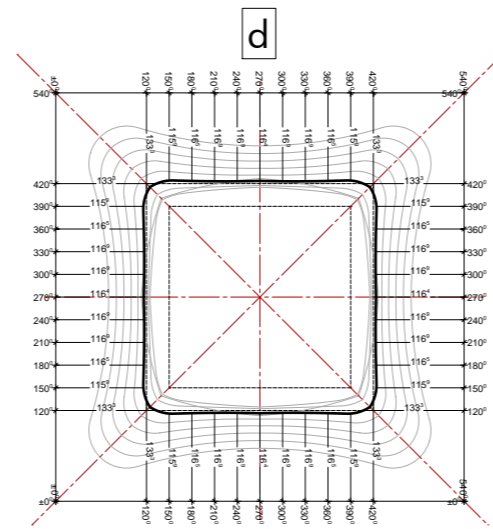
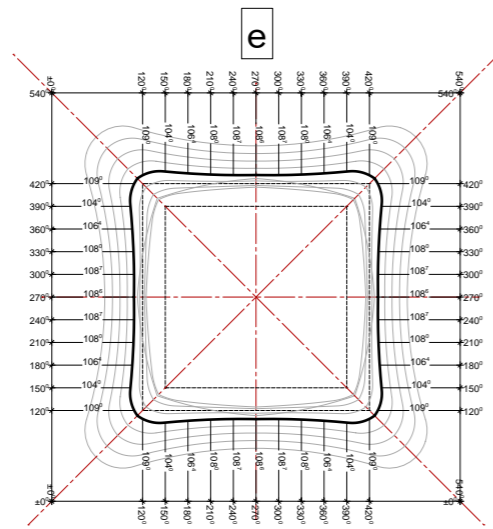
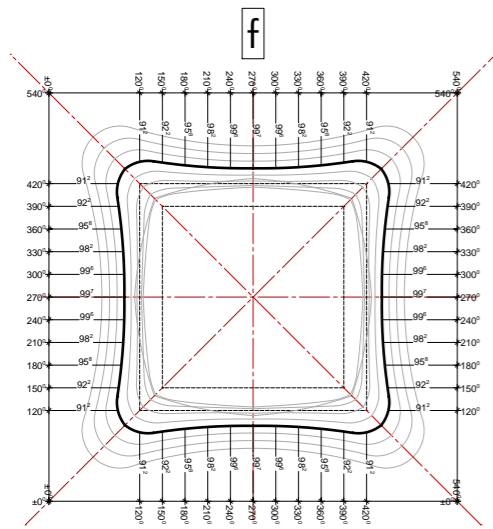
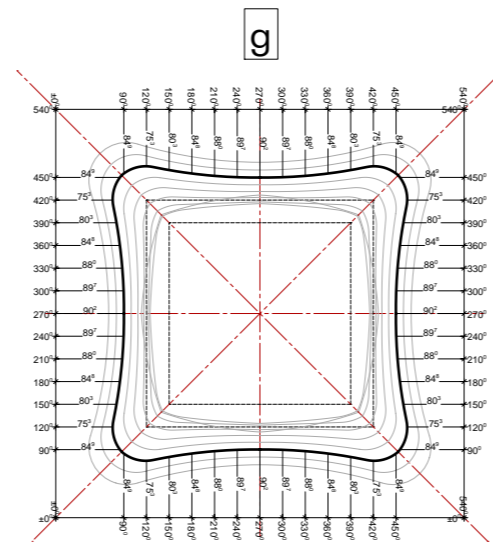
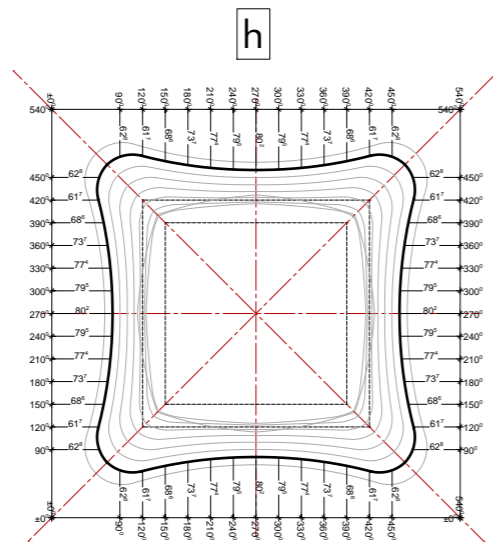
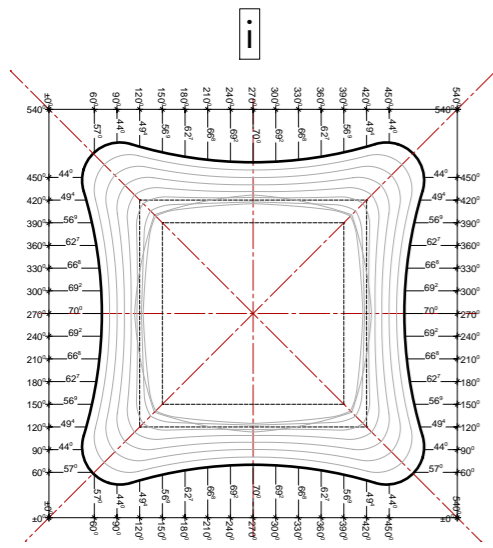
* 240, 200 or 100 refers to the size of the column underneath.
All dimension to be scaled proportionally.



Capital type: R4.45-240

Capital type: S4-240 (200, 178)*

* 240, 200, or 178 refers to the size of the pilaster underneath.
All dimension to be scaled proportionally.



abaco, rounded 20 mm radius

flat corners

collarino, rounded 20 mm radius

grooves

S3-240

S2.45-240

S2-240

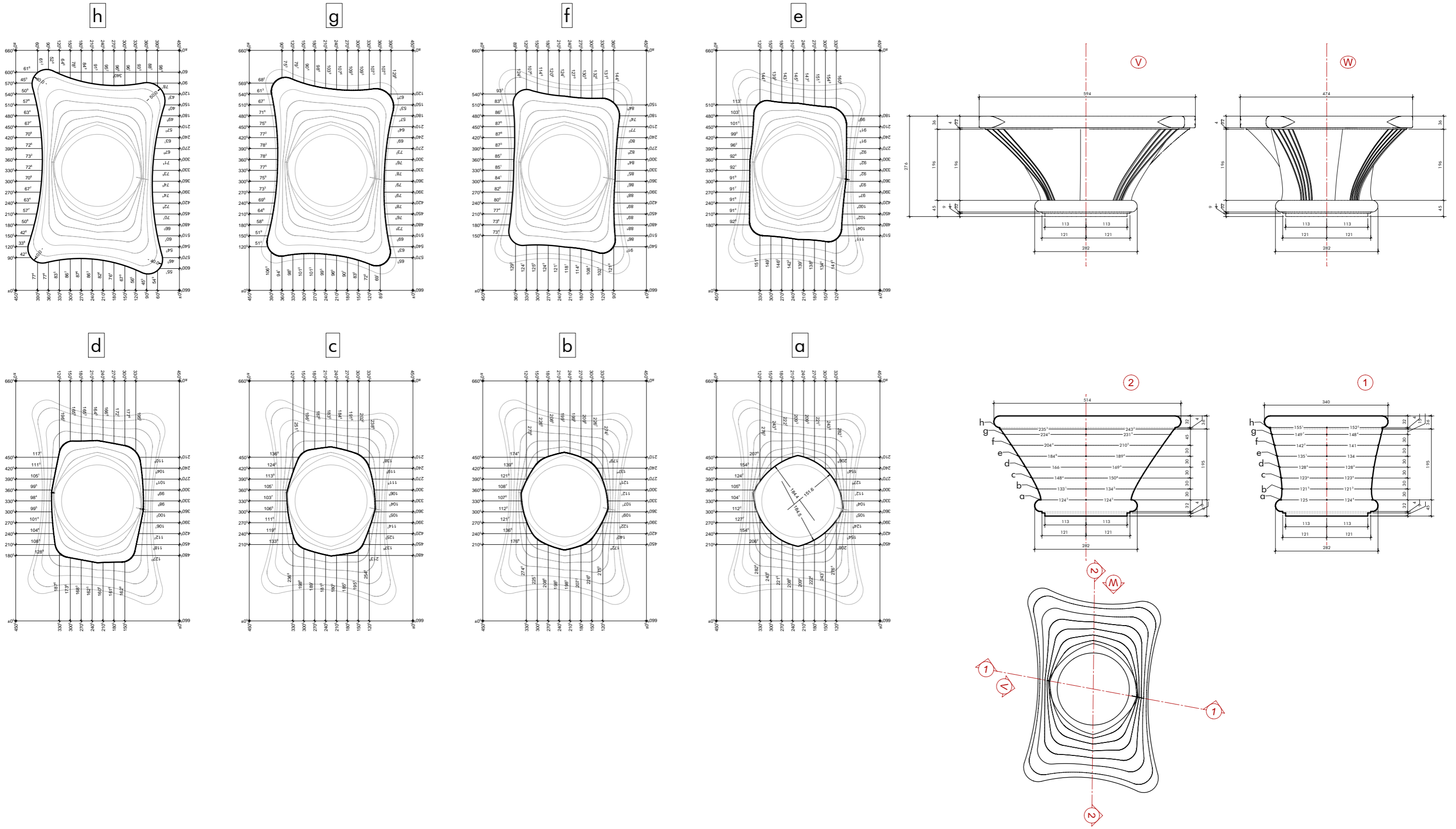
S1/4-240

S1-240

S3/4-240

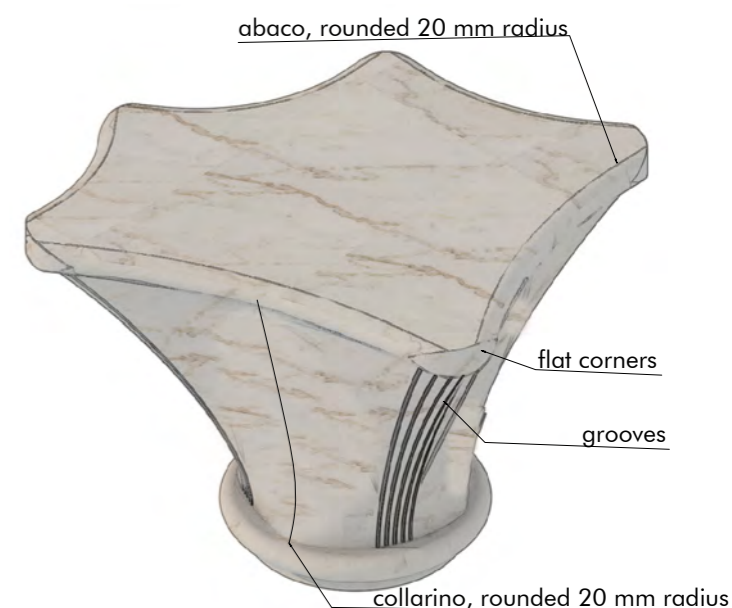
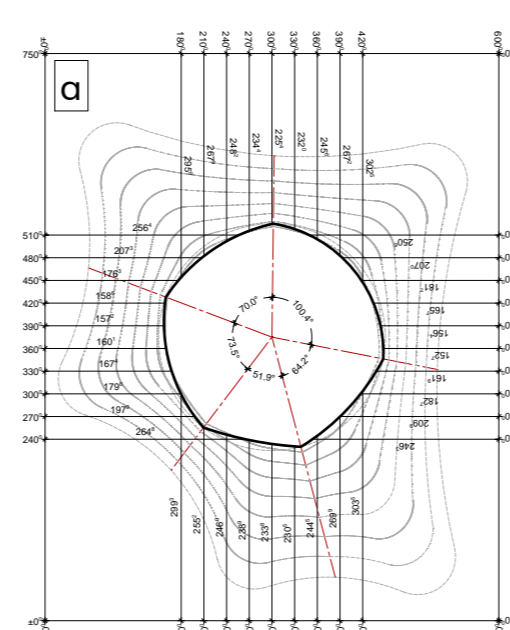
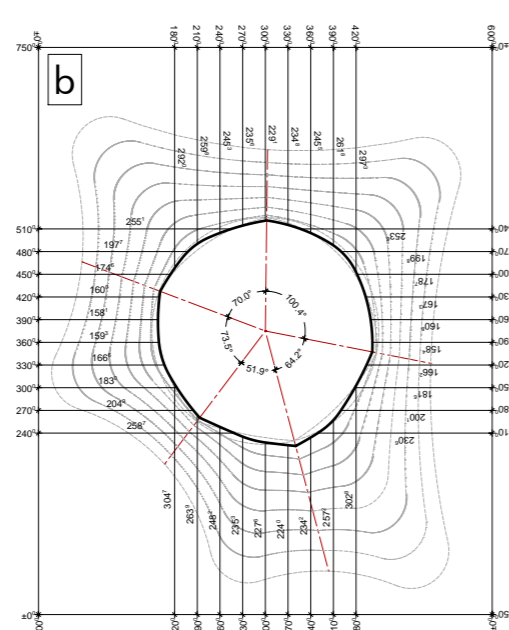
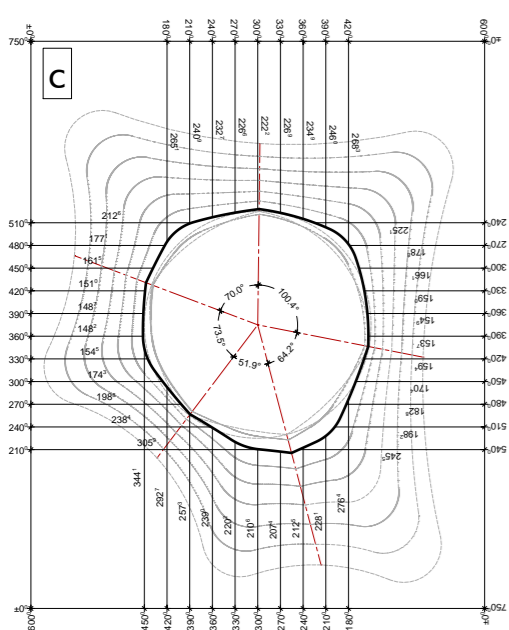
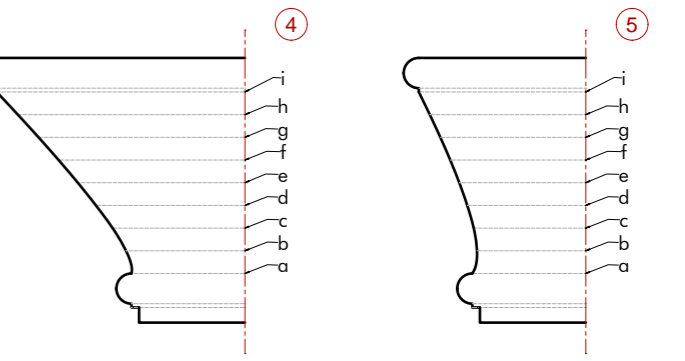
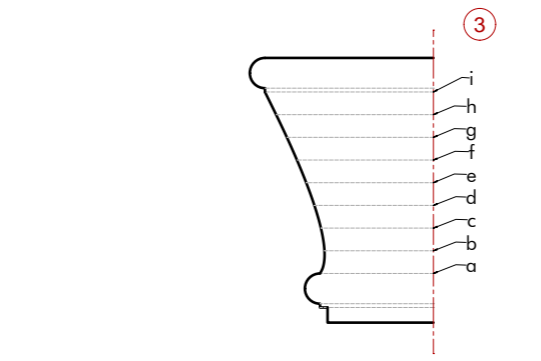
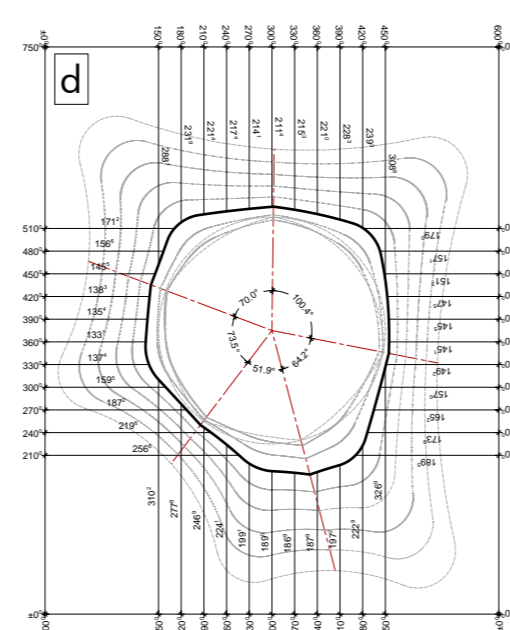
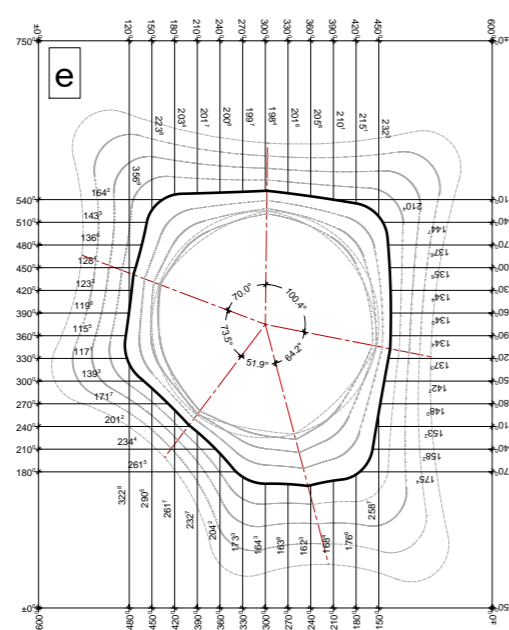
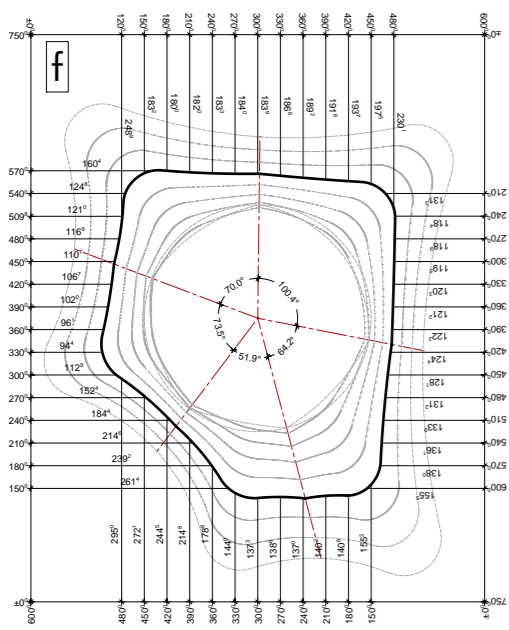
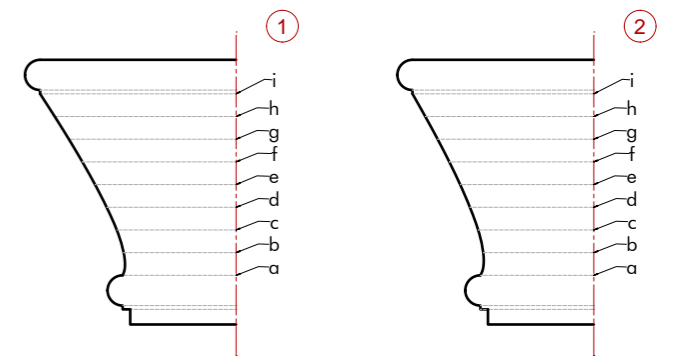
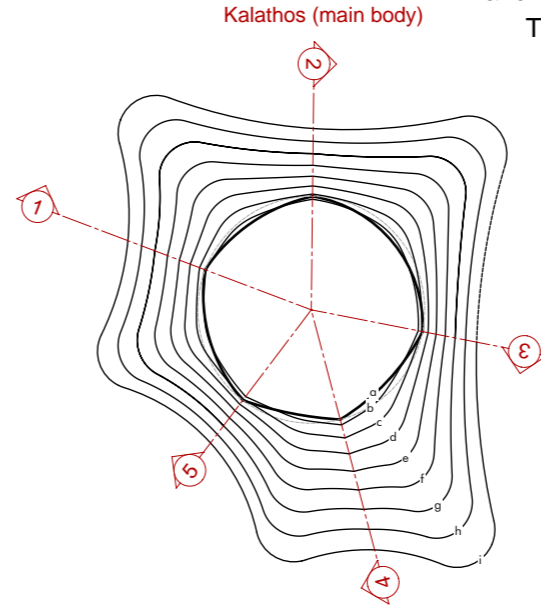
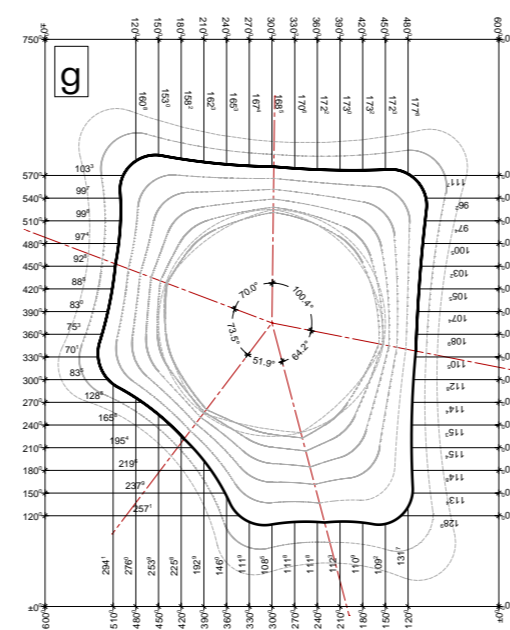
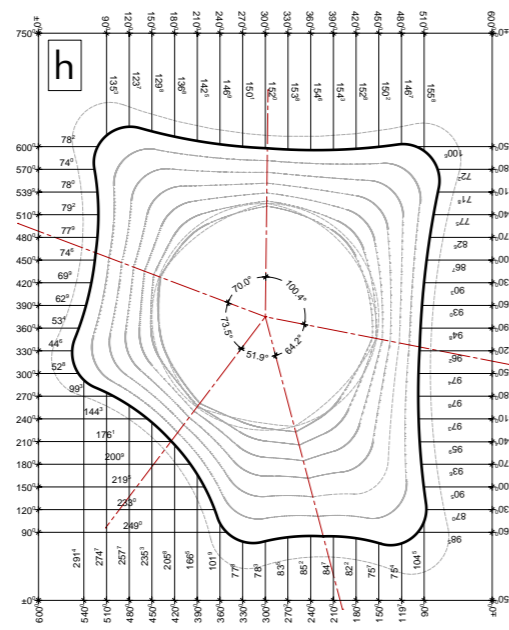
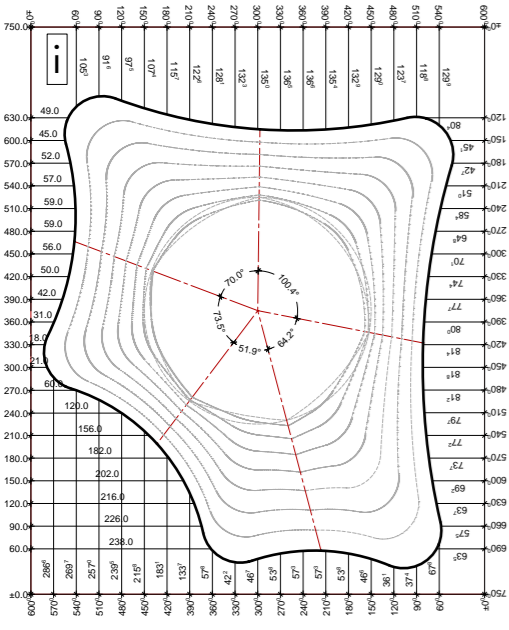
Capital type: R4-200 (R, L)*

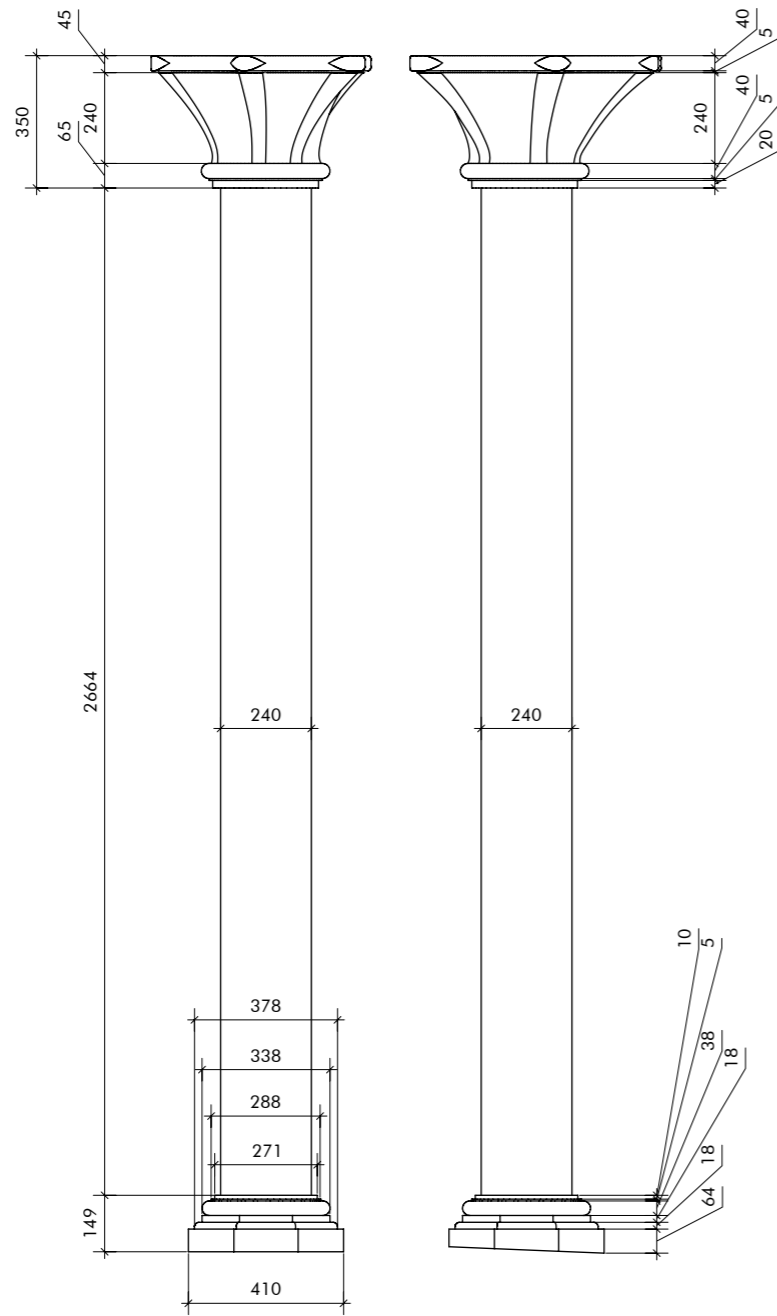
* R and L refers to the position to the right (R) or to the left (L) of the nave.
The capital in this drawing is (R). Shape for type (L) to be mirrored.



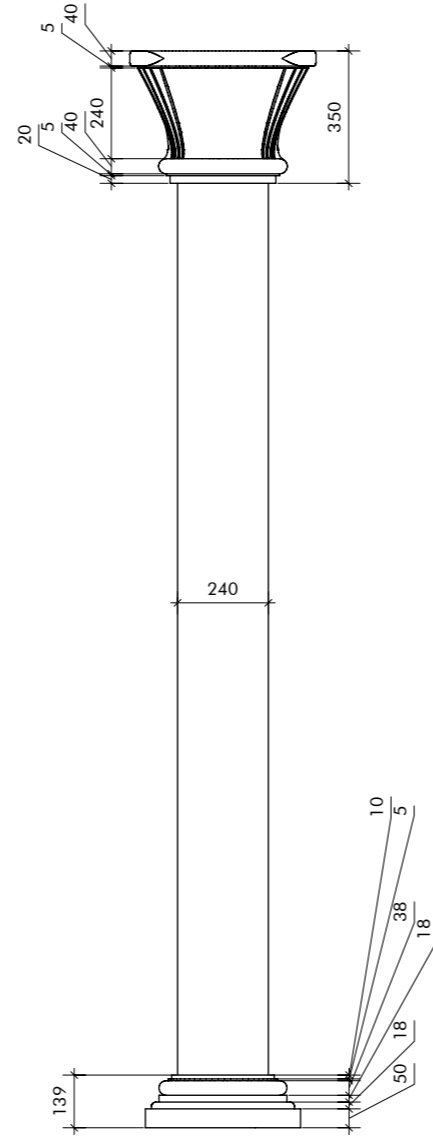
Capital type: R5-240 (R, L)*

* R and L refers to the position to the right (R) or to the left (L) of the nave.
The capital in this drawing is (R). Shape for type (L) to be mirrored.

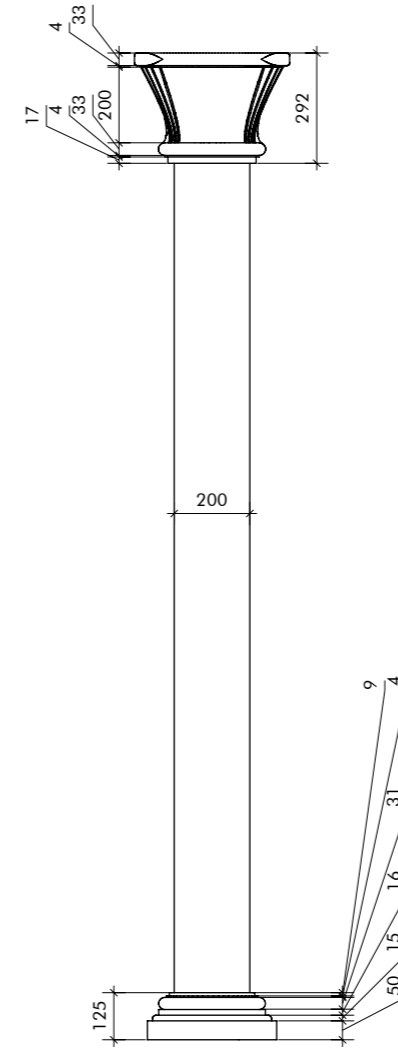




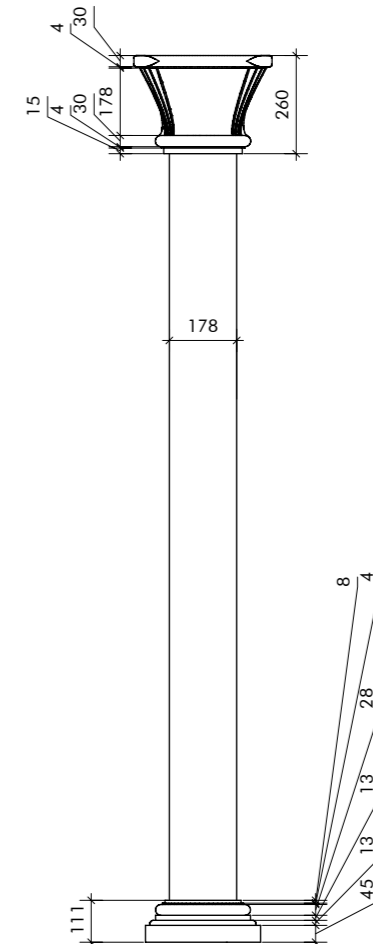
R5-240



S 240

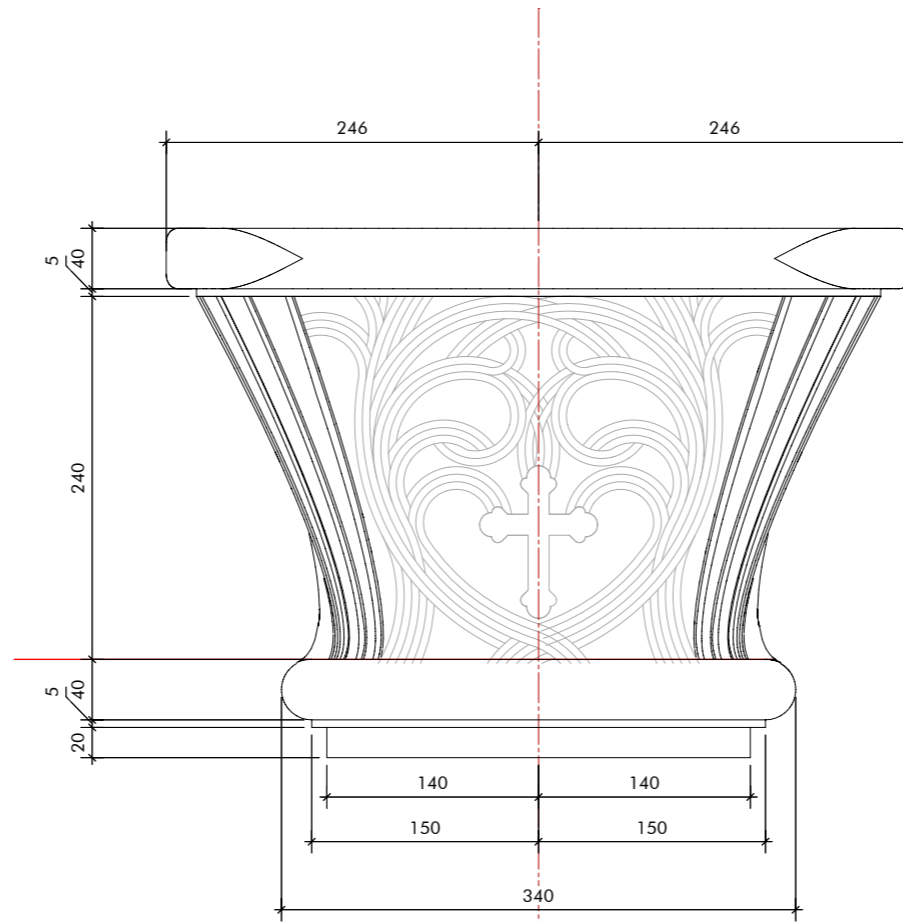


S 200

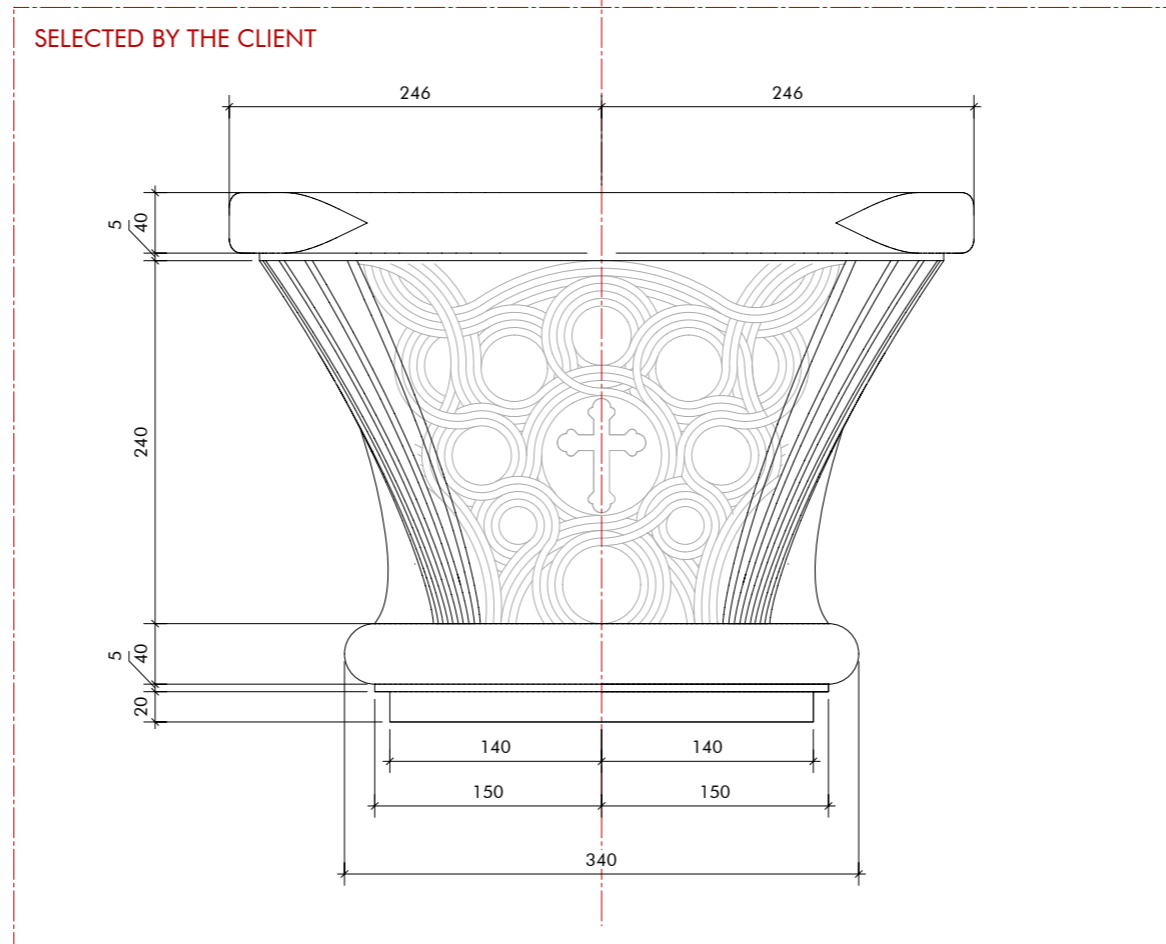


S 178

1 Elevation
4324 scale 1:20 @A3

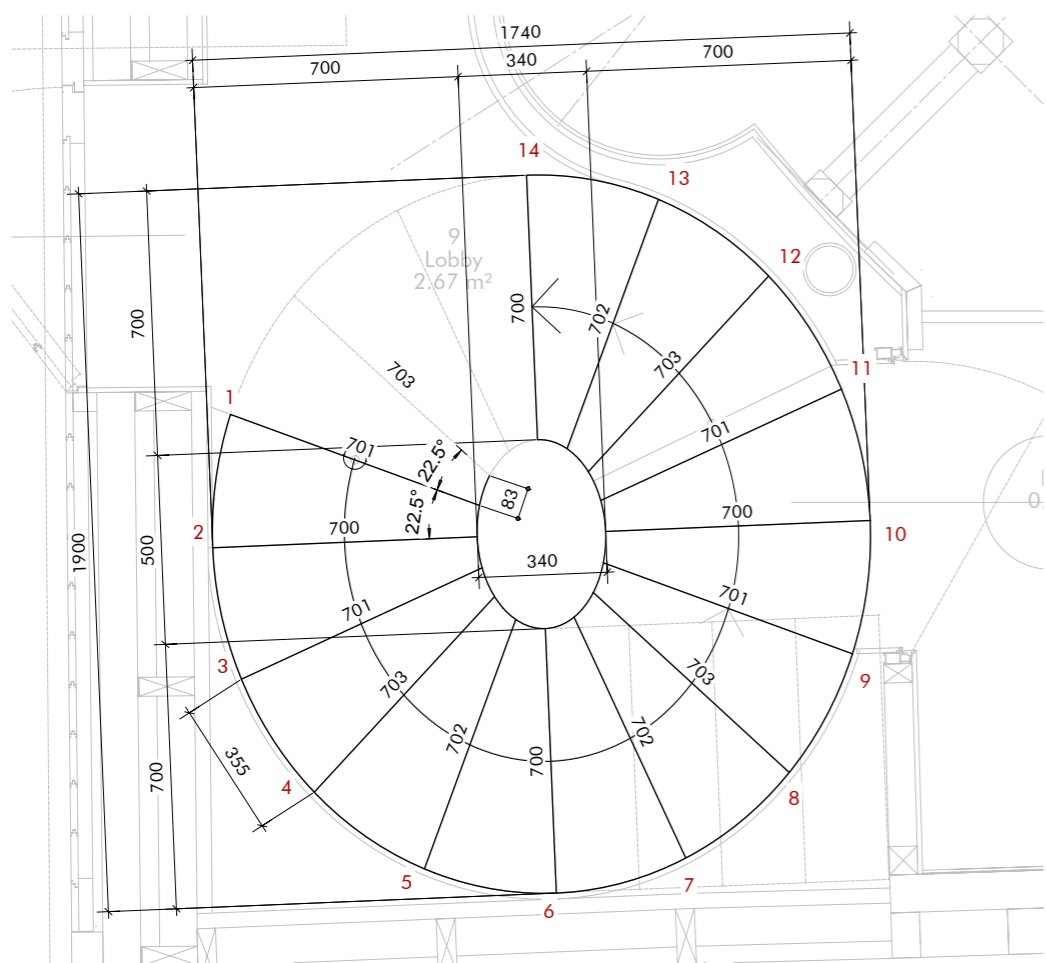
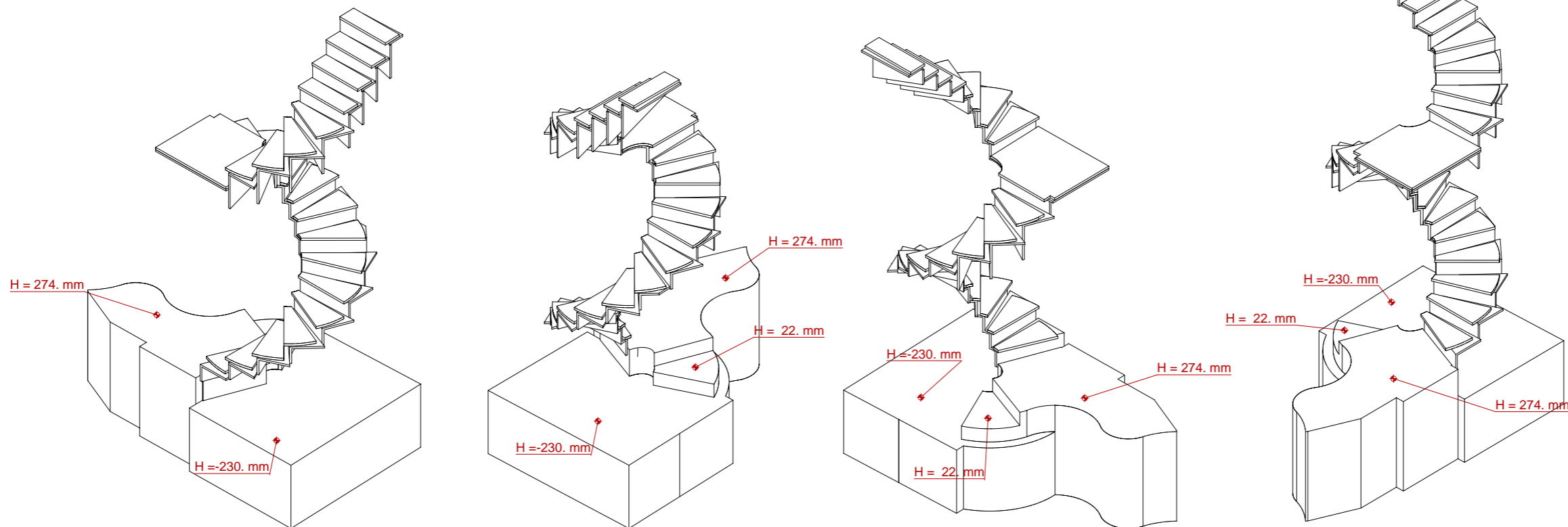


2 Geometrical Type 2
4325 scale 1:5 @A3



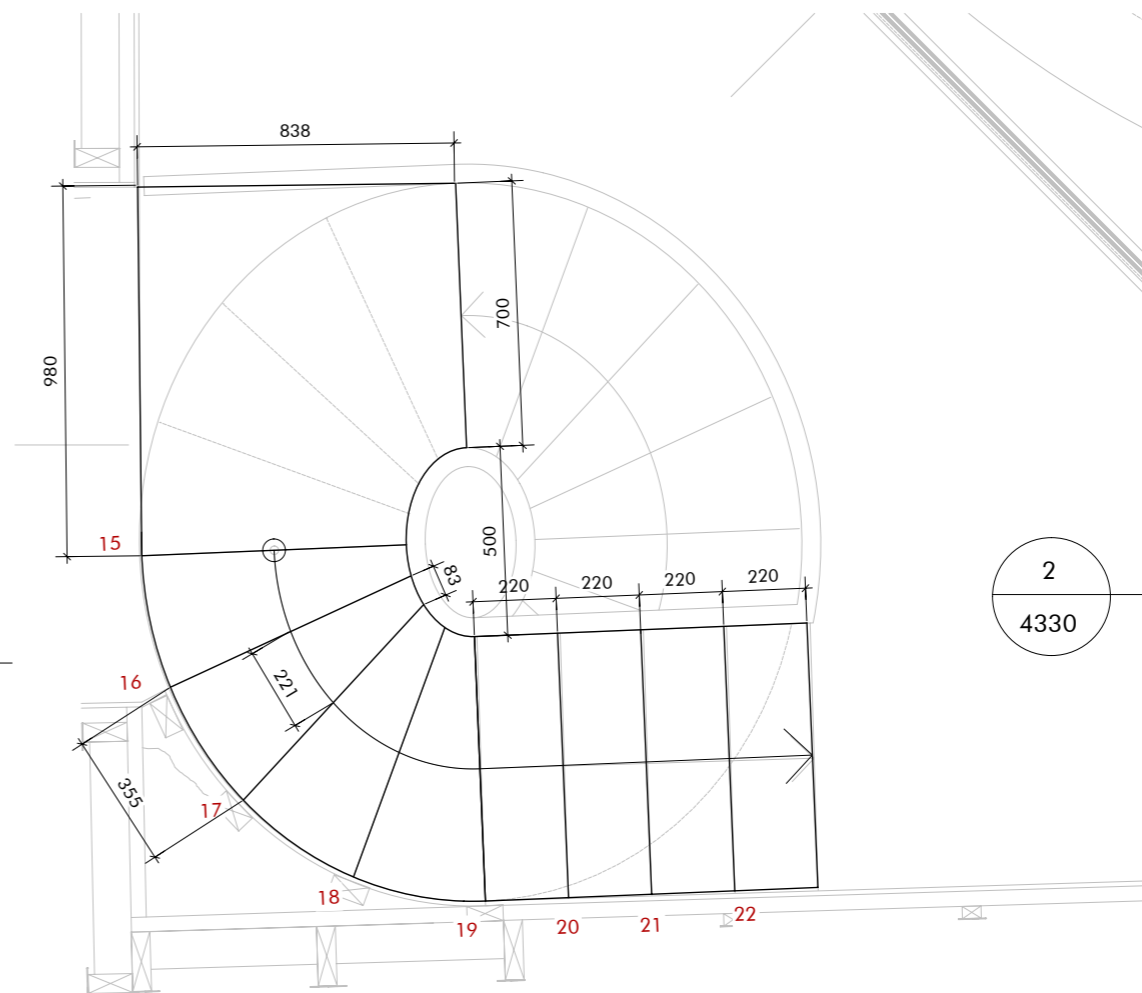
1 Geometrical Type 1
4325 scale 1:5 @A3

BALUSTRADE TBC WITH METALWORK SPECIALIST



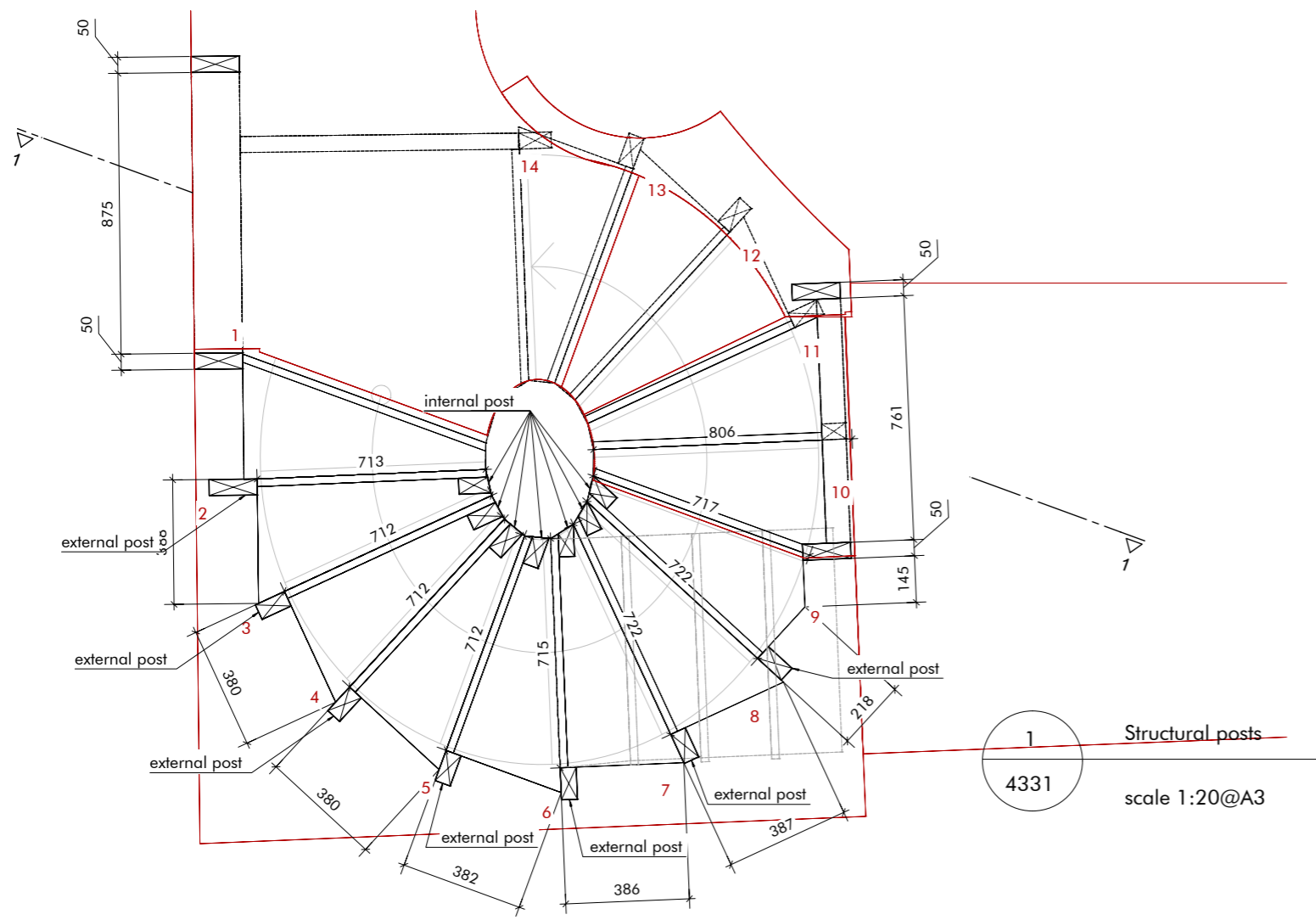
1
4330

Ground floor
scale 1:20@A3



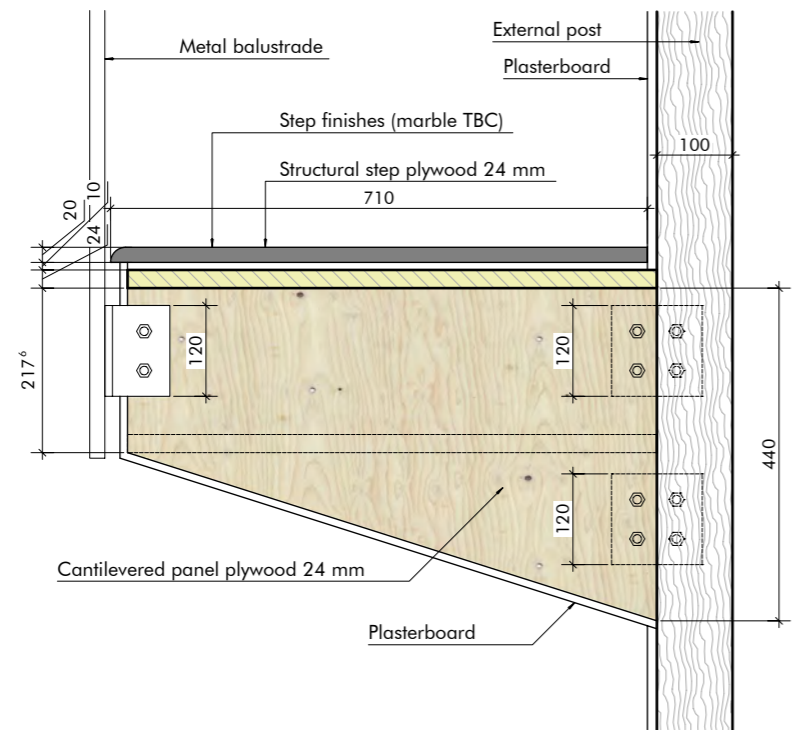
2
4330

First Floor
scale 1:20@A3

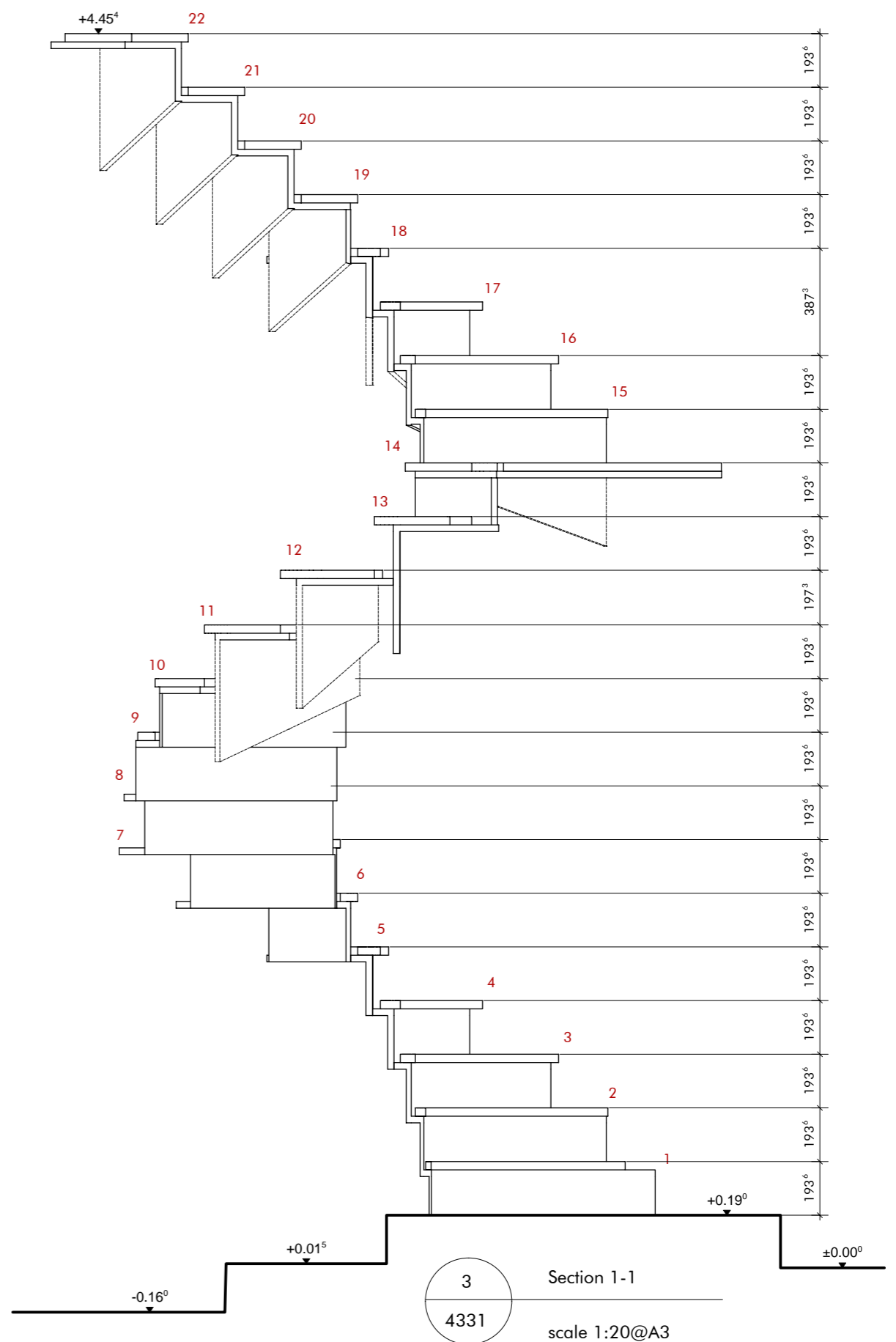


DETAIL STEPS 11-22

1 Structural posts
4331
scale 1:20@A3



2 Typical detail
4331
scale 1:20@A3



3 Section 1-1
4331
scale 1:20@A3

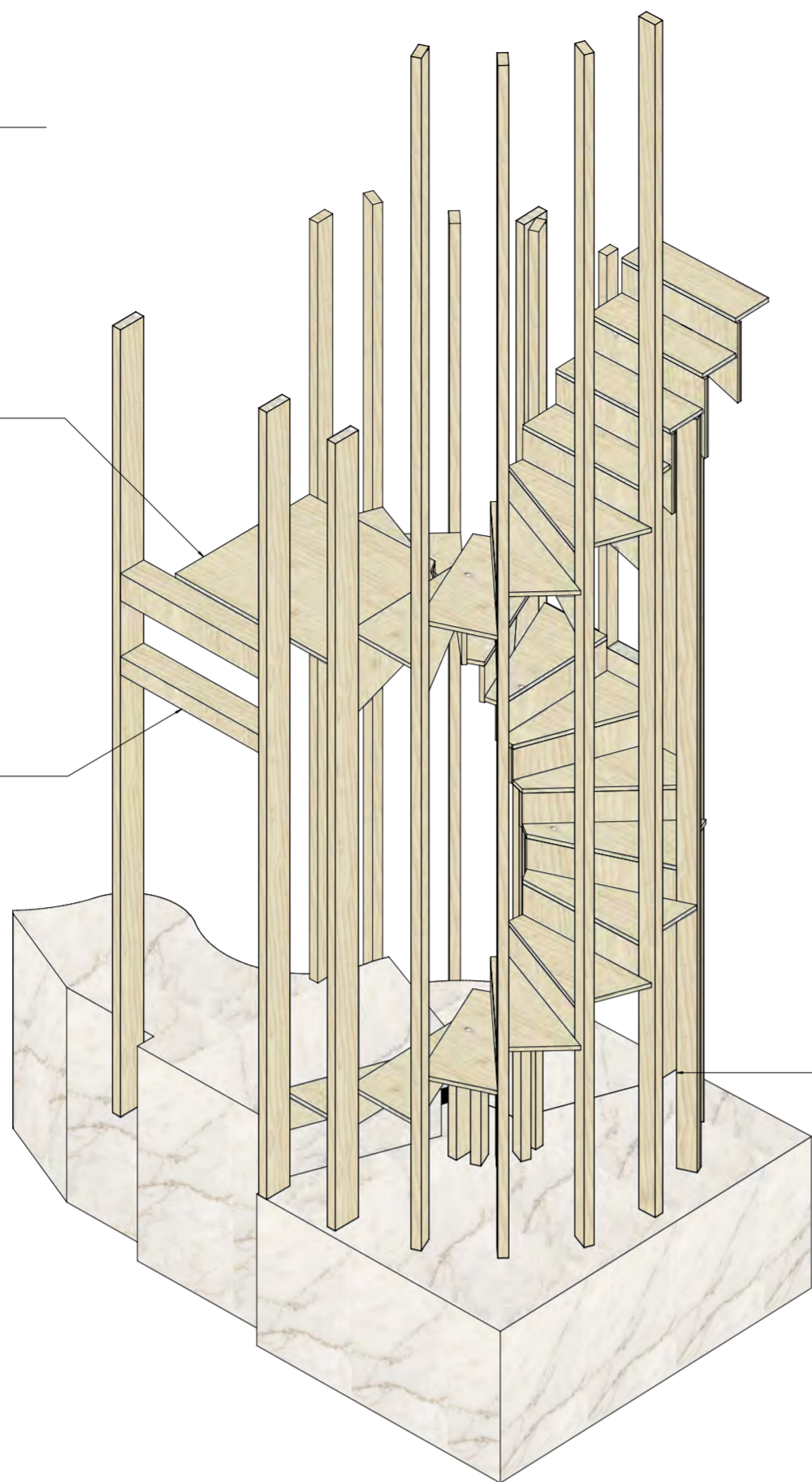
1
4332

North-East
View 1

landing

lintel over door

external post



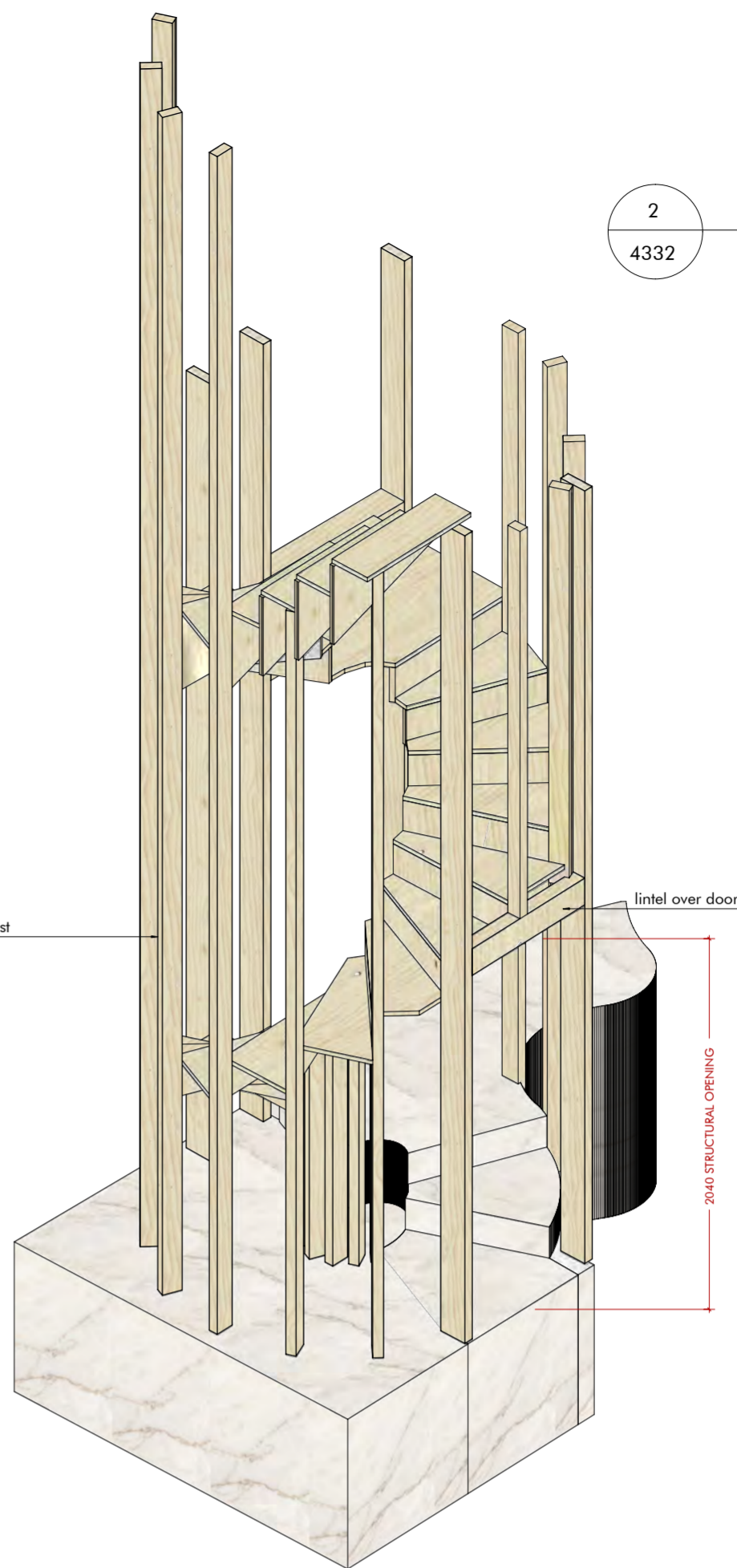
2
4332

North-West
View 2

lintel over door

external post

2040 STRUCTURAL OPENING



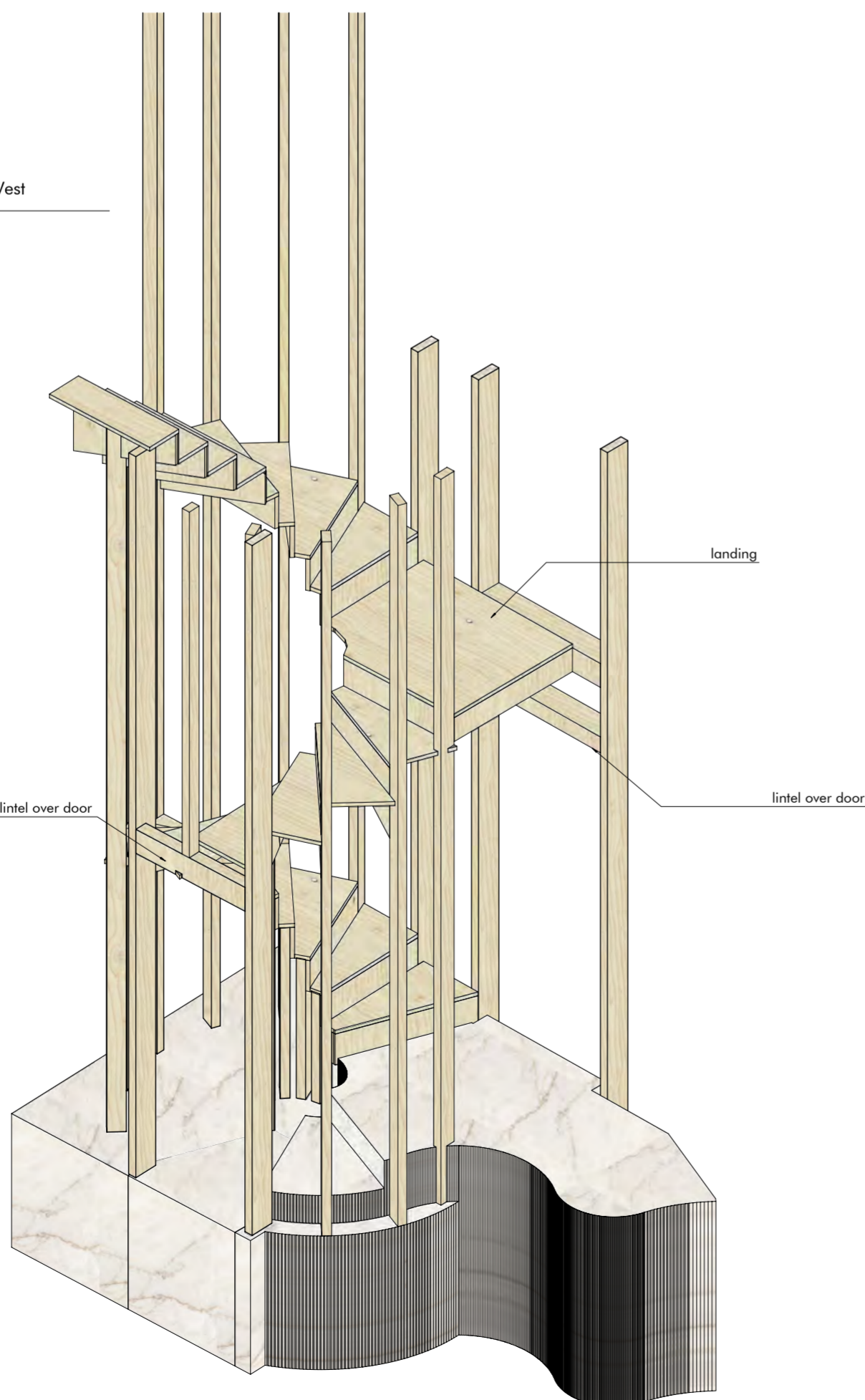
3
4332

South-West
View 3

landing

lintel over door

lintel over door



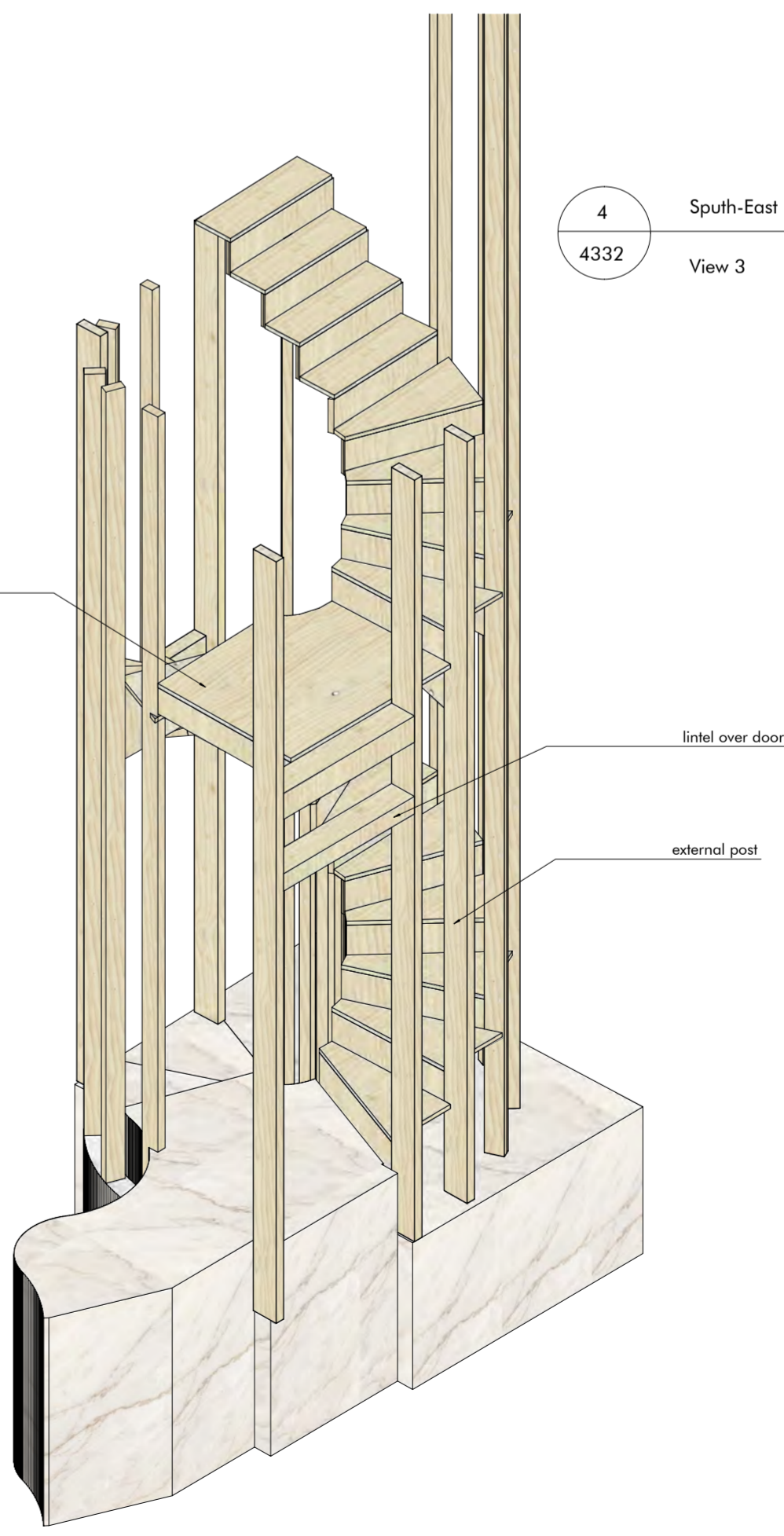
4
4332

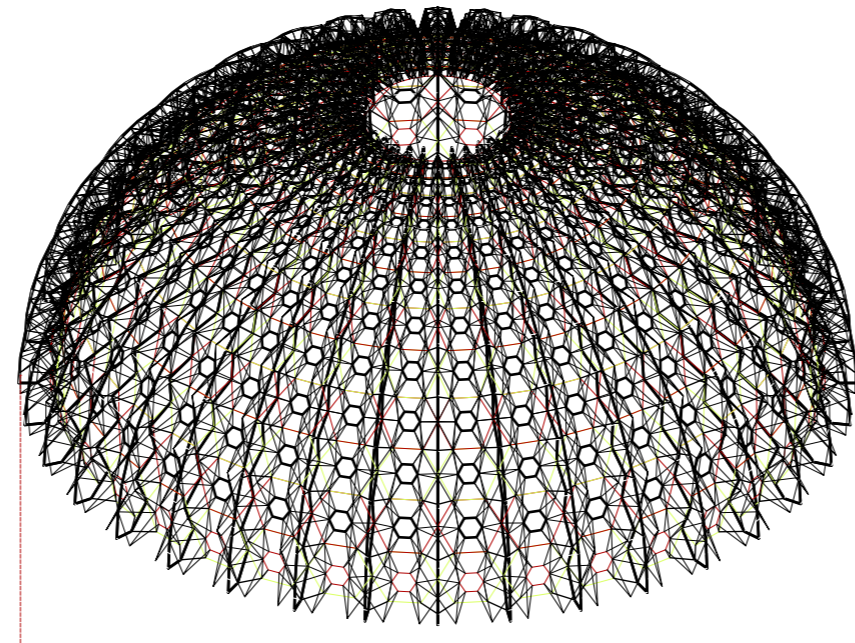
South-East
View 3

lintel over door

external post

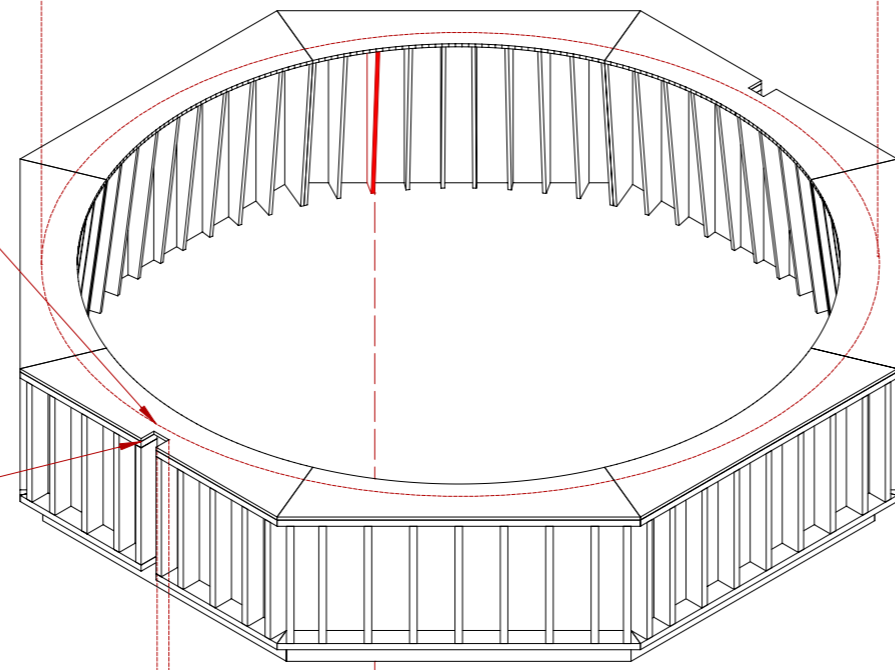
landing





DOMES

3D printed PETG elements, estimated weight 600-700 Kg



DRUM

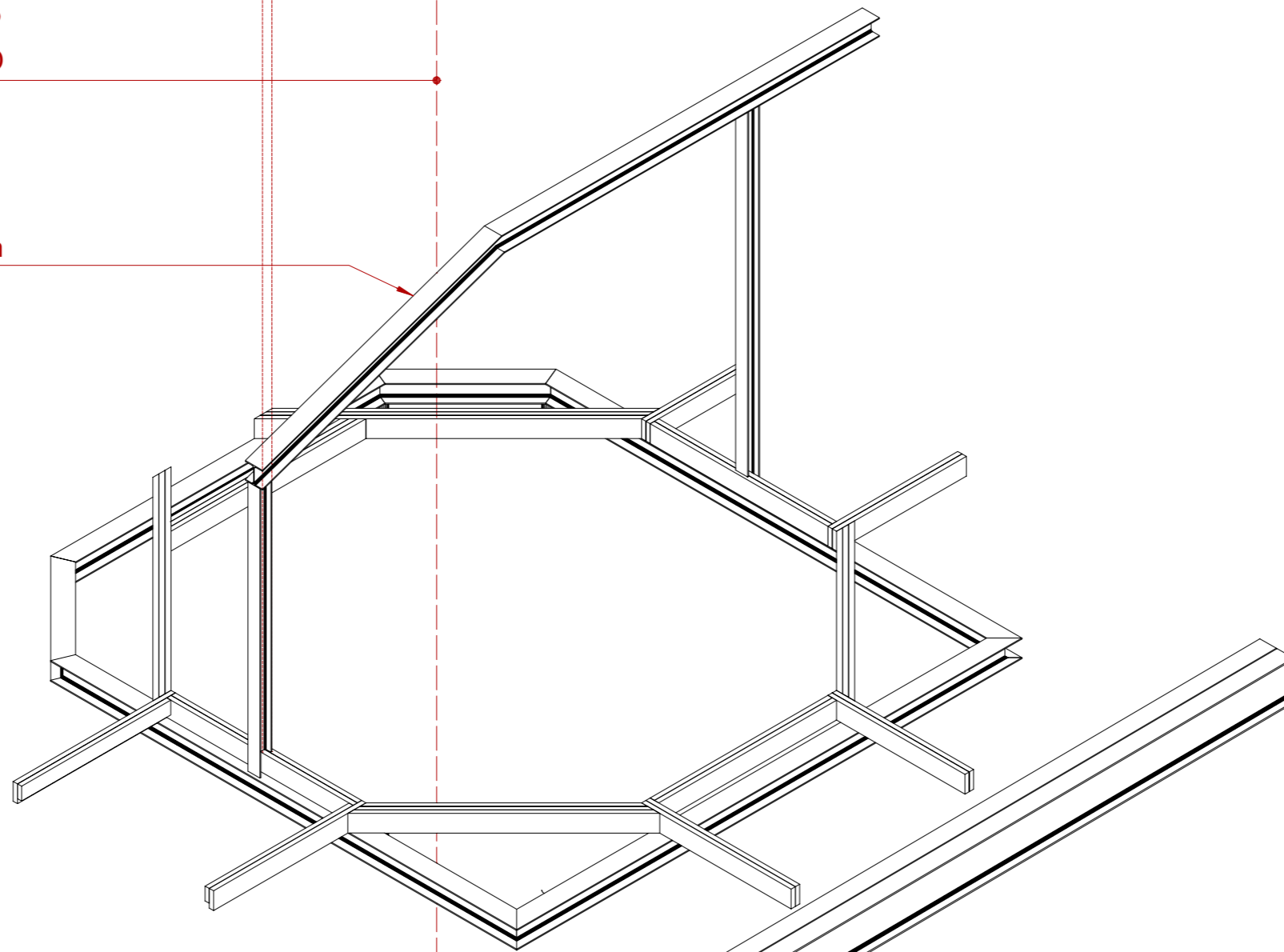
96 Elements, Plywood, 56.5 m²
Estimated weight with 18 mm: 550 Kg

The Dome diameter at the base is set to not clash with vertical steel elements

Two of the Drum components are set to host the steel columns

ALL ELEMENTS, FROM THE DRUM ABOVE, TO THE PENDITIVES BELOW, AND TO THE APSE AT THE BOTTOM ARE ALIGNED

The Dome height is set to not clash with steel ridge beam



STRUCTURAL FRAME

Steel + Joists

SOUTH TRANSEPT VAULT

17 Elements, Plywood, 30 m²
Estimated weight with 18 mm: 300 Kg

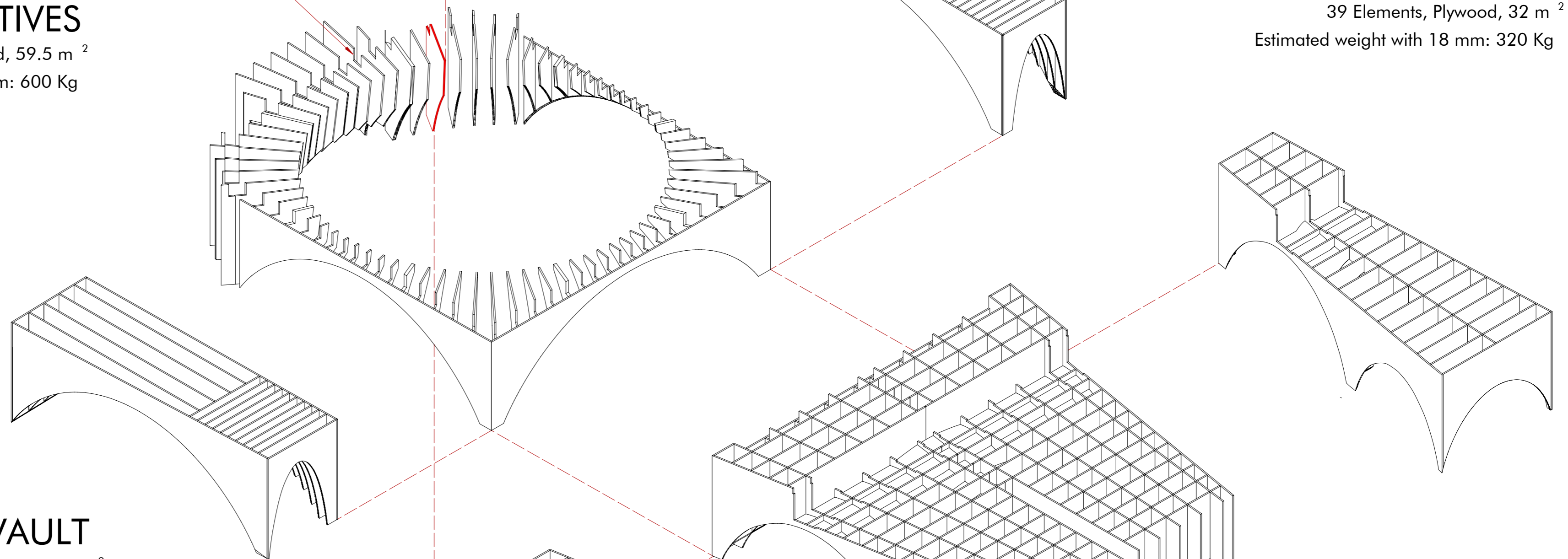
Elements to shape the pendentives are designed considering the presence of existing steel structural elements

PENDITIVES

77 Elements, Plywood, 59.5 m²
Estimated weight with 18 mm: 600 Kg

SOUTH AISLE RIB VAULT

39 Elements, Plywood, 32 m²
Estimated weight with 18 mm: 320 Kg



SOUTH TRANSEPT VAULT

20 Elements, Plywood, 34.5 m²
Estimated weight with 18 mm: 350 Kg

Elements to shape the Nave and Aisles Rib Vaults are designed considering the presence of existing steel structural elements

NAVE RIB VAULT

112 Elements, Plywood, 100 m²
Estimated weight with 18 mm: 1.000 Kg

SOUTH TRANSEPT VAULT

70 Elements, Plywood, 34.5 m²
Estimated weight with 18 mm: 350 Kg

SOUTH AISLE RIB VAULT

39 Elements, Plywood, 31 m²
Estimated weight with 18 mm: 310 Kg

NOTES

SPECIALIST CONTRACTOR TO DESIGN CNC PROFILES BASED ON:

- AS BUILD INFORMATION OF STRUCTURAL COMPONENTS (STEEL, JOISTS, BEAMS, ETC) AND ANY PART WHICH THE PROFILES WILL BE CONNECTED TO
- CENTRE TO CENTRE DISTANCE AGREED WITH STRUCTURAL ENGINEER AND MAIN CONTRACTOR
- ACTUAL BUILD UP OF FINISHES SURFACE TO BE CONFIRMED BY MAIN CONTRACTOR
- FINISHED SURFACE AS PER 3d MODEL AD22.06 CBE 3317 Architectural Finishes 3D model.DWG

SPECIALIST CONTRACTOR TO CONFIRM WITH MAIN CONTRACTOR:

- ACTUAL THICKNESS/MATERIAL OF THE PANELS
- CONNECTION DETAILS
- ASSEMBLY INFORMATION (IF ASSEMBLED BY OTHERS)

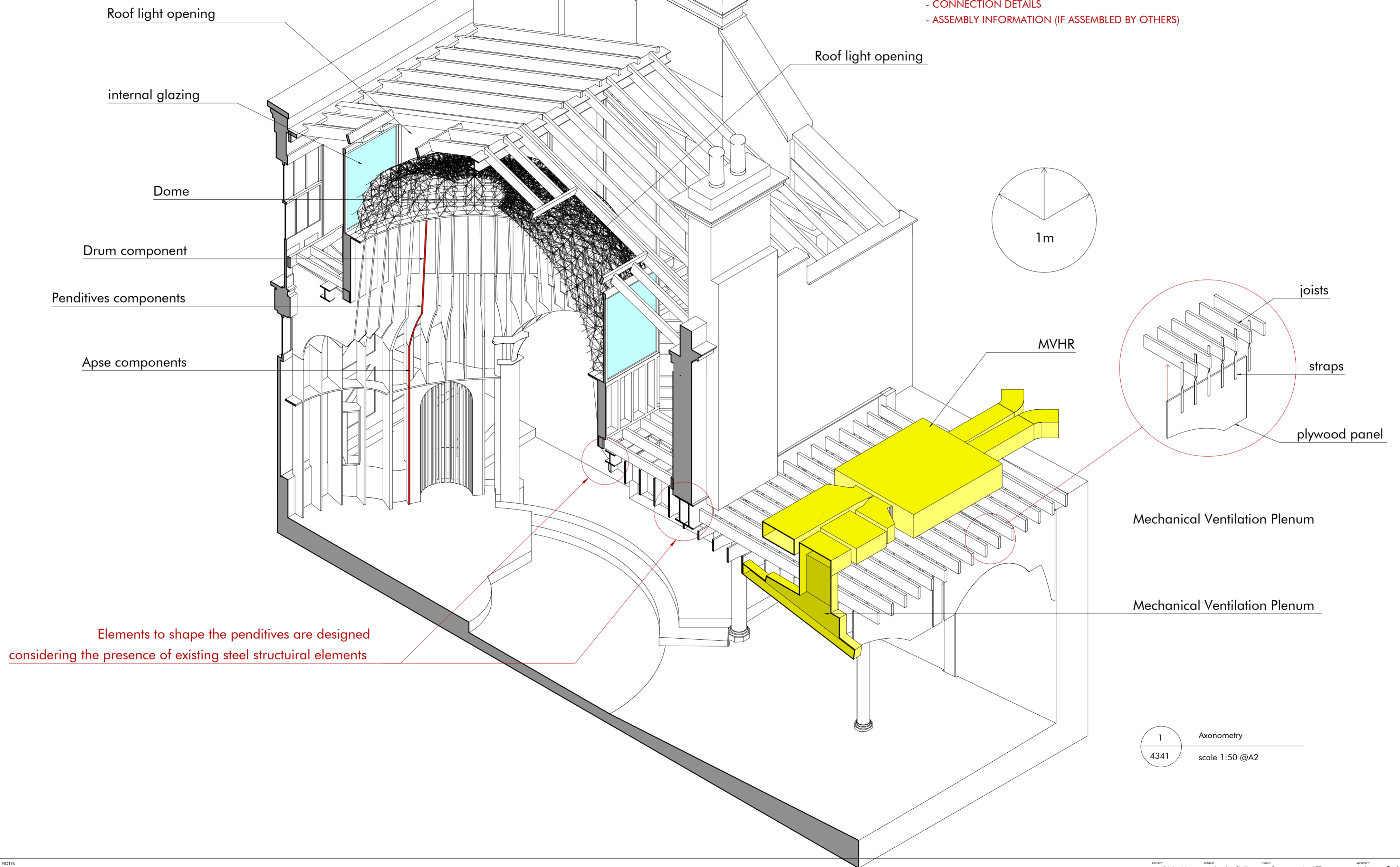
NOTES

SPECIALIST CONTRACTOR TO DESIGN CNC PROFILES BASED ON:

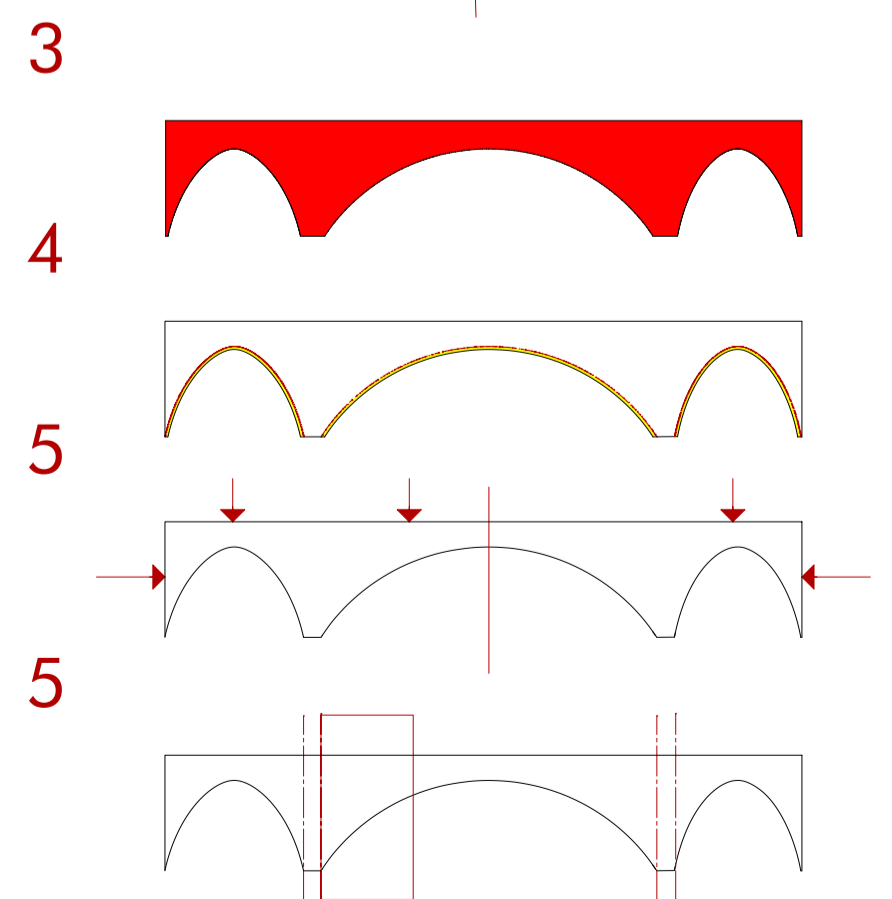
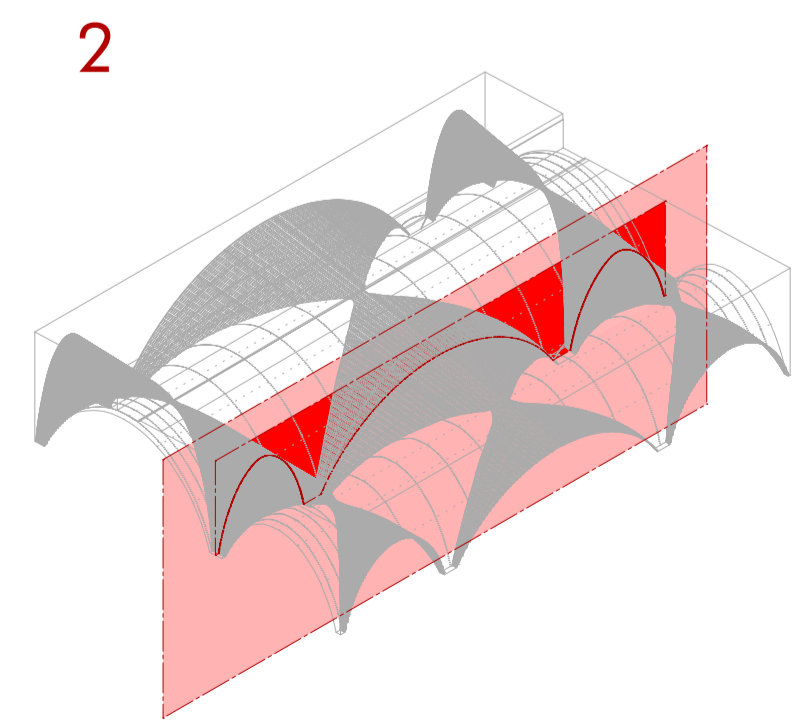
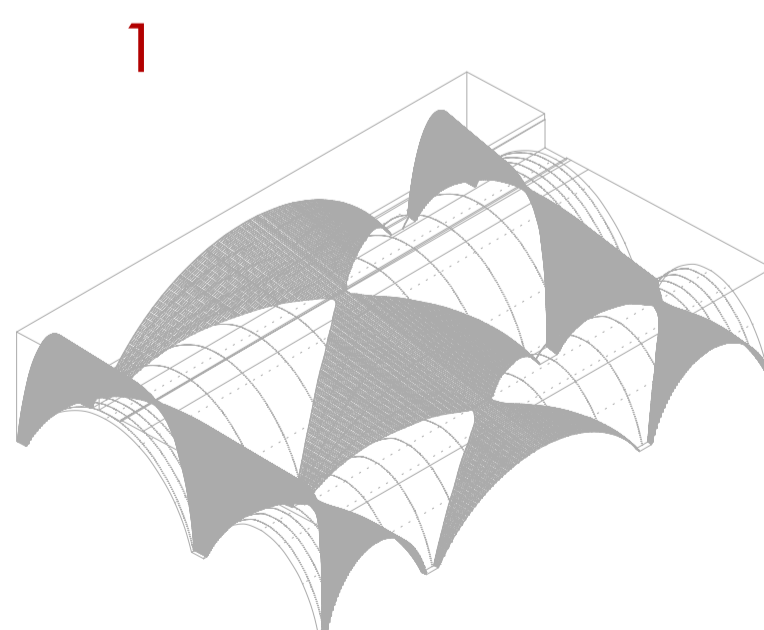
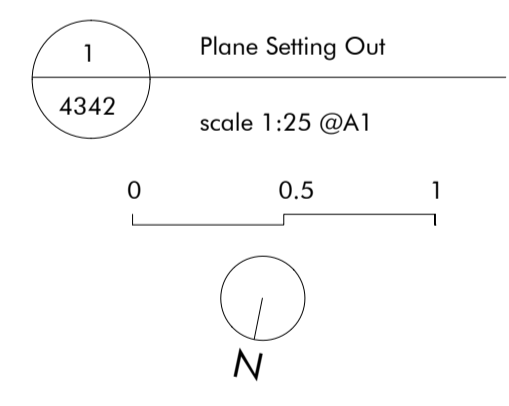
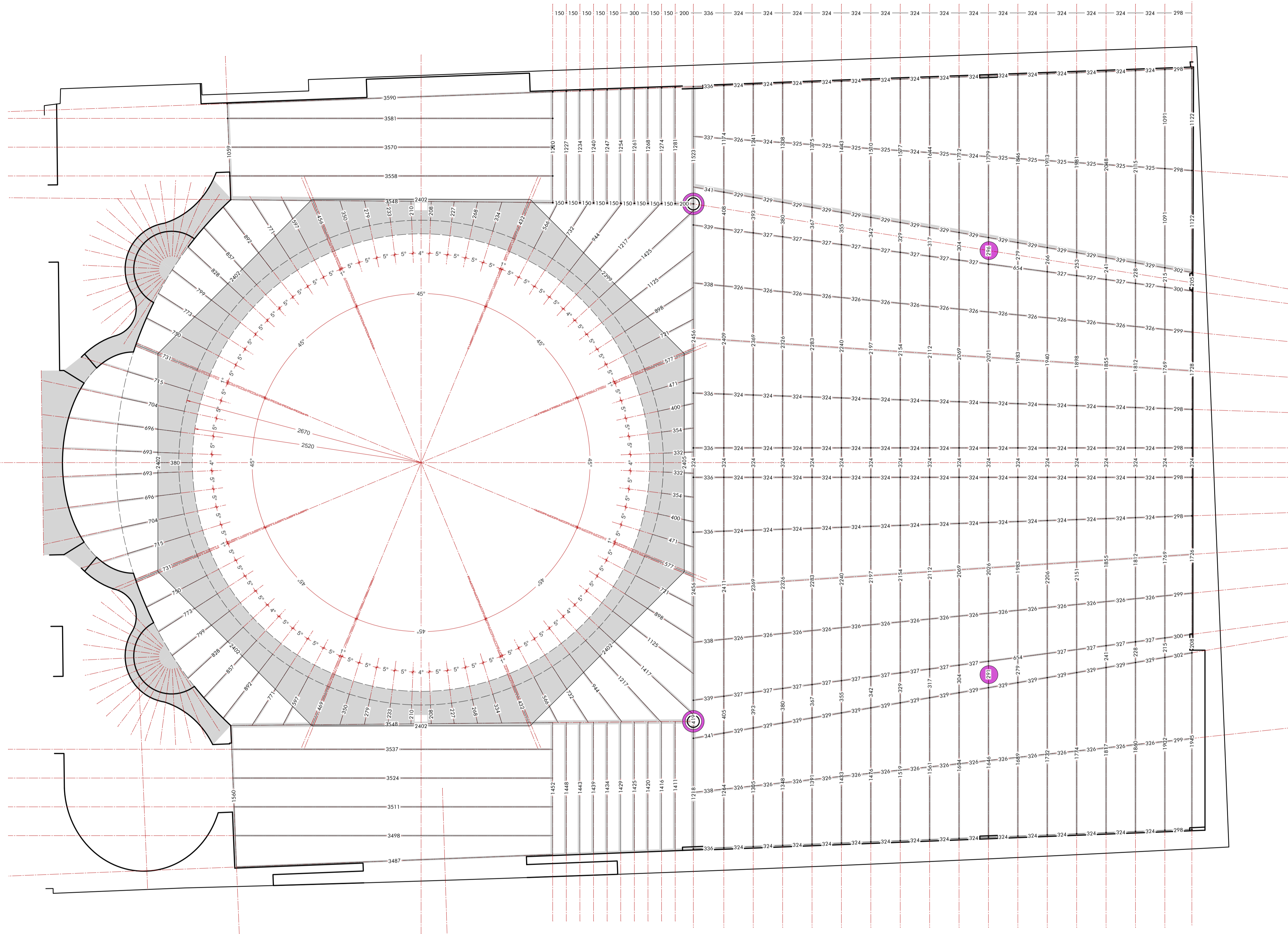
- AS BUILD INFORMATION OF STRUCTURAL COMPONENTS (STEEL, JOISTS, BEAMS, ETC) AND ANY PART WHICH THE PROFILES WILL BE CONNECTED TO
- CENTRE TO CENTRE DISTANCE AGREED WITH STRUCTURAL ENGINEER AND MAIN CONTRACTOR
- ACTUAL BUILD UP OF FINISHES SURFACE TO BE CONFIRMED BY MAIN CONTRACTOR
- FINISHED SURFACE AS PER 3D MODEL AD22.06 CBE 3317 Architectural Finishes 3D model.DWG

SPECIALIST CONTRACTOR TO CONFIRM WITH MAIN CONTRACTOR:

- ACTUAL THICKNESS/MATERIAL OF THE PANELS
- CONNECTION DETAILS
- ASSEMBLY INFORMATION (IF ASSEMBLED BY OTHERS)



1
4341
Axonometry
scale 1:50 @A2

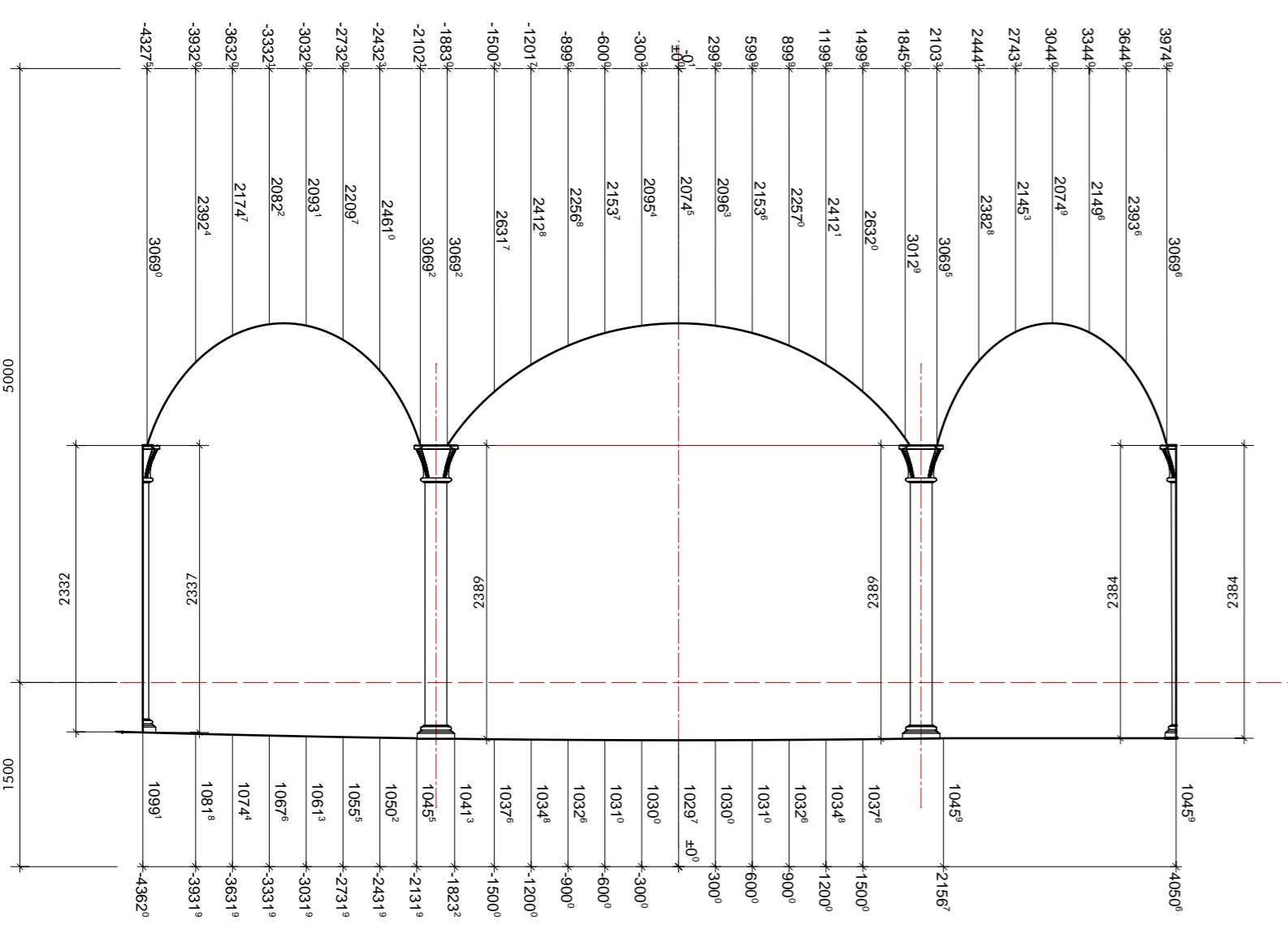


- INSTRUCTION:**
1. MODEL AD22.06 CBE 3317 Architectural Finishes 3D model.DWG PROVIDES THE EXACT SHAPE OF THE FINISHED CEILING
 2. CREATE SECTION PLAN AS PER "PLANE SETTING OUT"
 3. EXTRACT PROFILE
 4. OFF SET OF FINISHES BUILD-UPS (TBA WITH MAIN CONTRACTOR)
 5. CHECK TOP AND BOTTOM OF PROFILE WITH AS-BUILD INFORMATION
 6. OPTIMISE CUT BASED ON PANEL DIMENSION

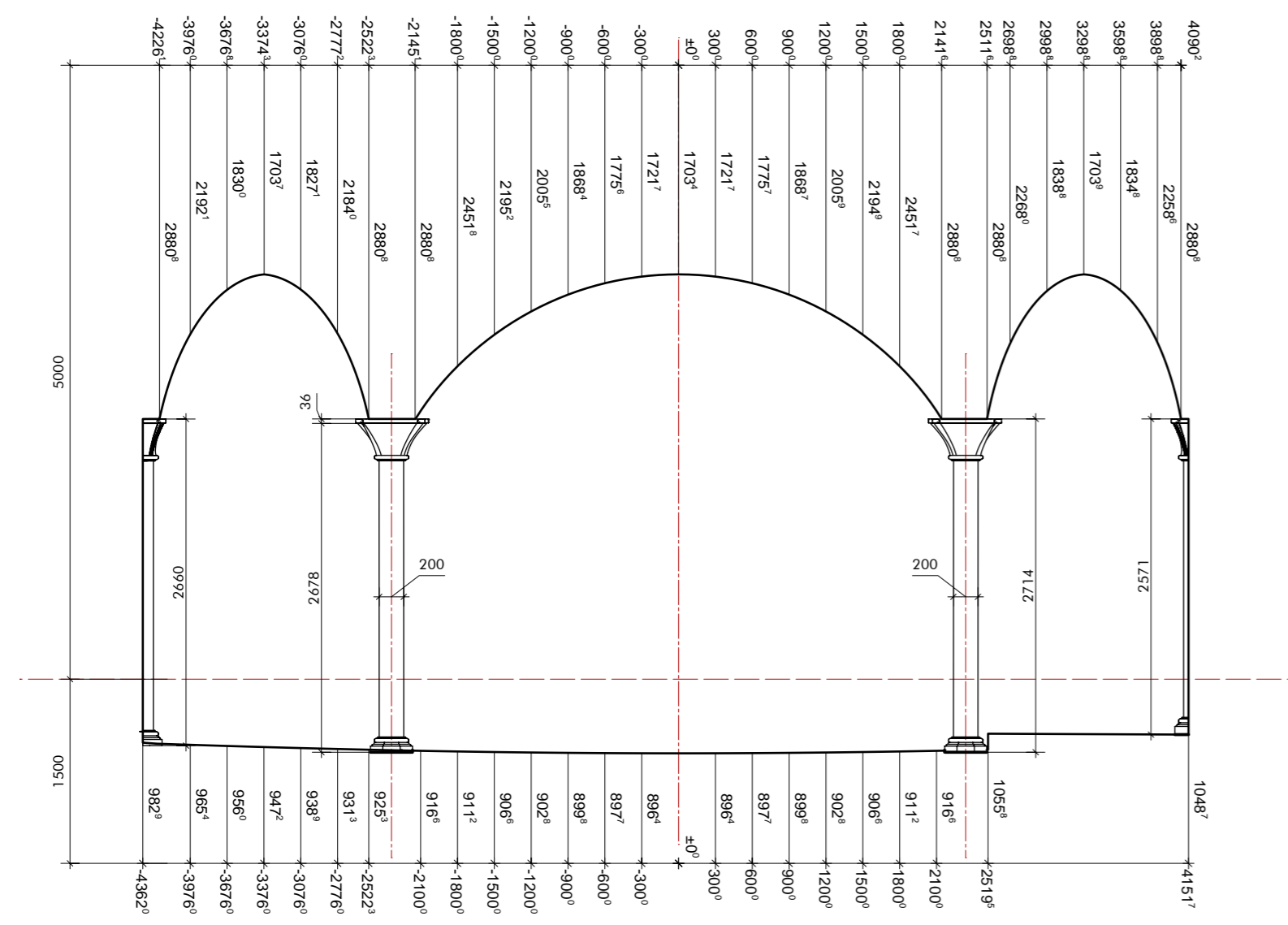
- NOTES**
- SPECIALIST CONTRACTOR TO DESIGN CNC PROFILES BASED ON:**
- AS BUILD INFORMATION OF STRUCTURAL COMPONENTS (STEEL, JOISTS, BEAMS, ETC) AND ANY PART WHICH THE PROFILES WILL BE CONNECTED TO
 - CENTRE TO CENTRE DISTANCE AGREED WITH STRUCTURAL ENGINEER AND MAIN CONTRACTOR
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- SPECIALIST CONTRACTOR TO CONFIRM WITH MAIN CONTRACTOR:**
- ACTUAL THICKNESS/MATERIAL OF THE PANELS
 - CONNECTION DETAILS
 - ASSEMBLY INFORMATION (IF ASSEMBLED BY OTHERS)

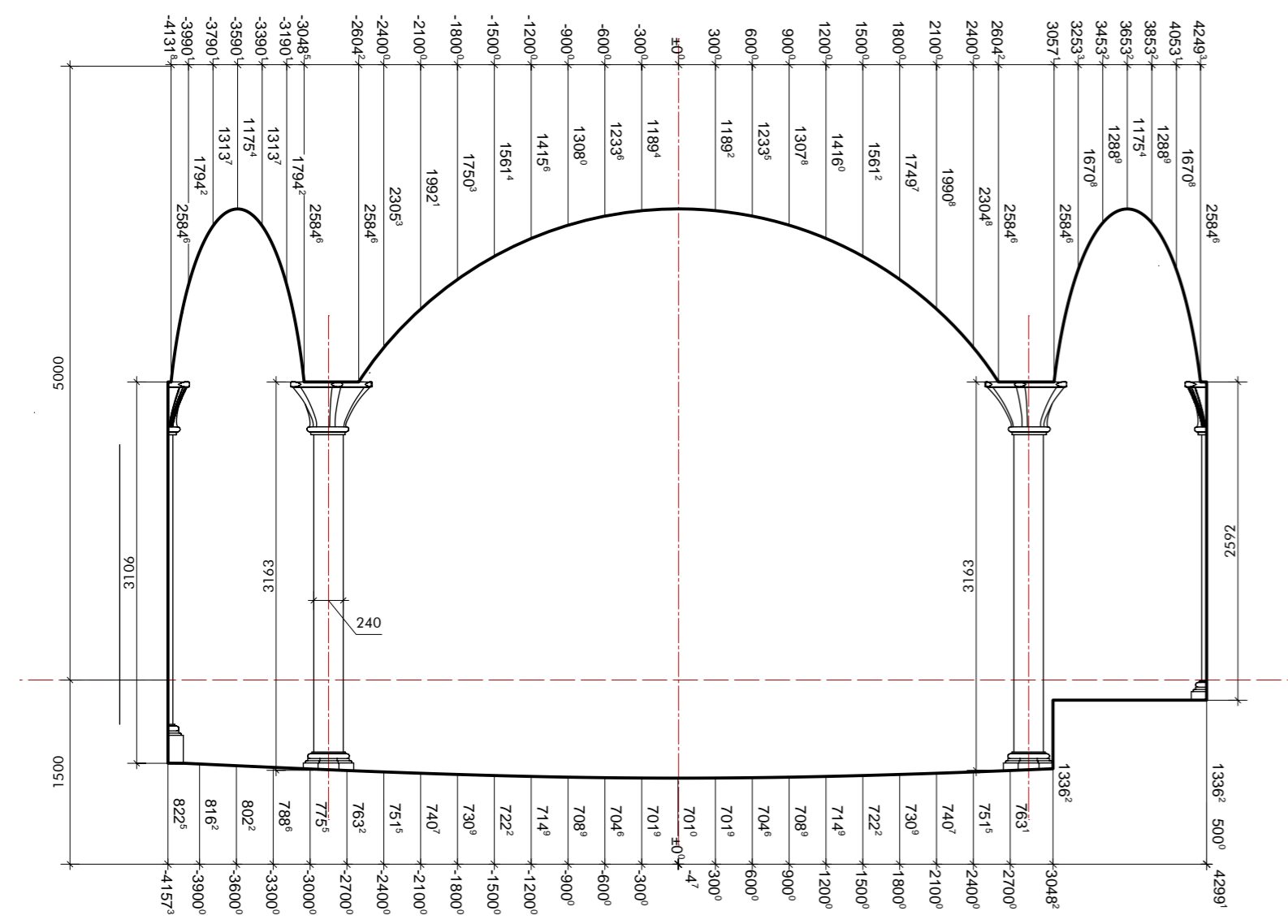
MODEL AD22.06 CBE 3317 Architectural Finishes 3D model.DWG



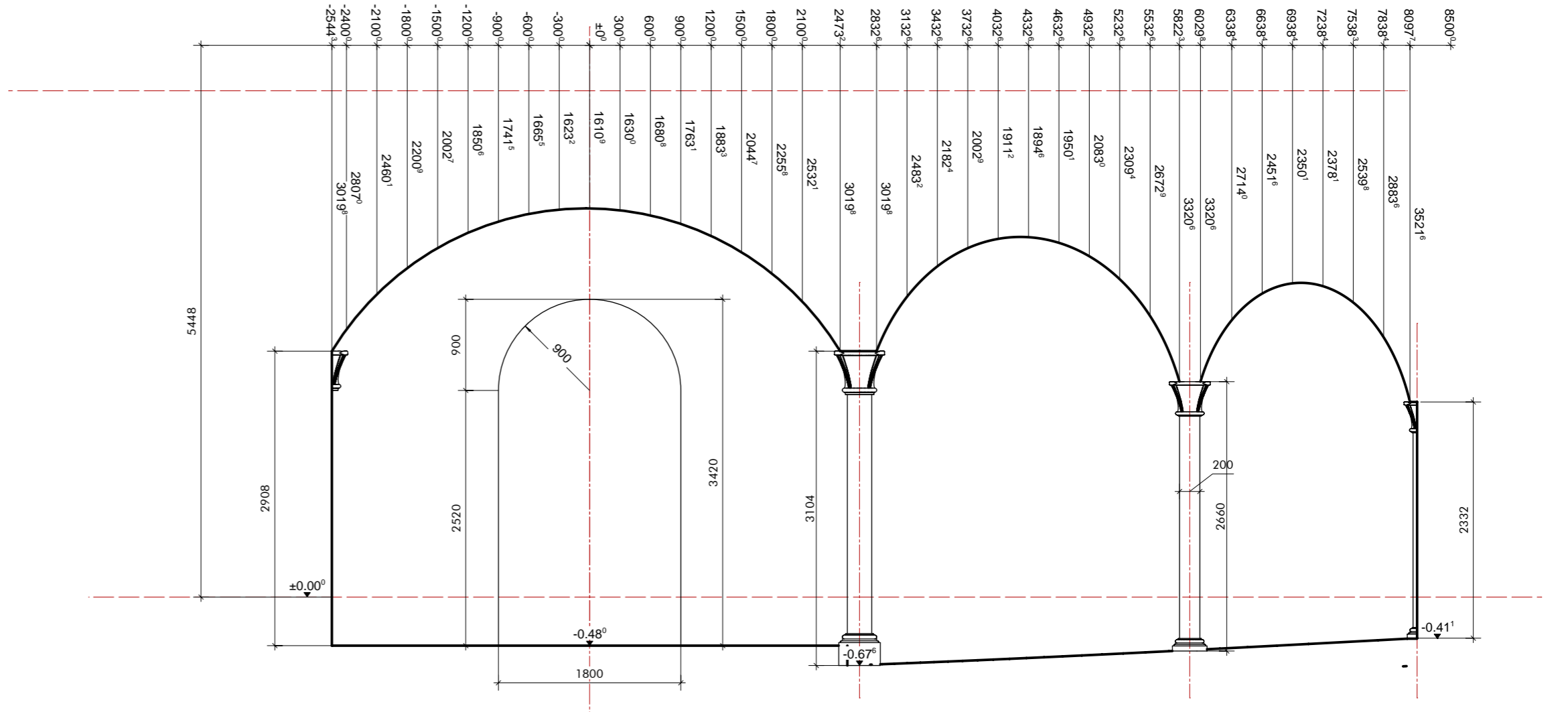
1 Section 06
4352 scale 1:50 @A1
0 0.5 1 2.5 m



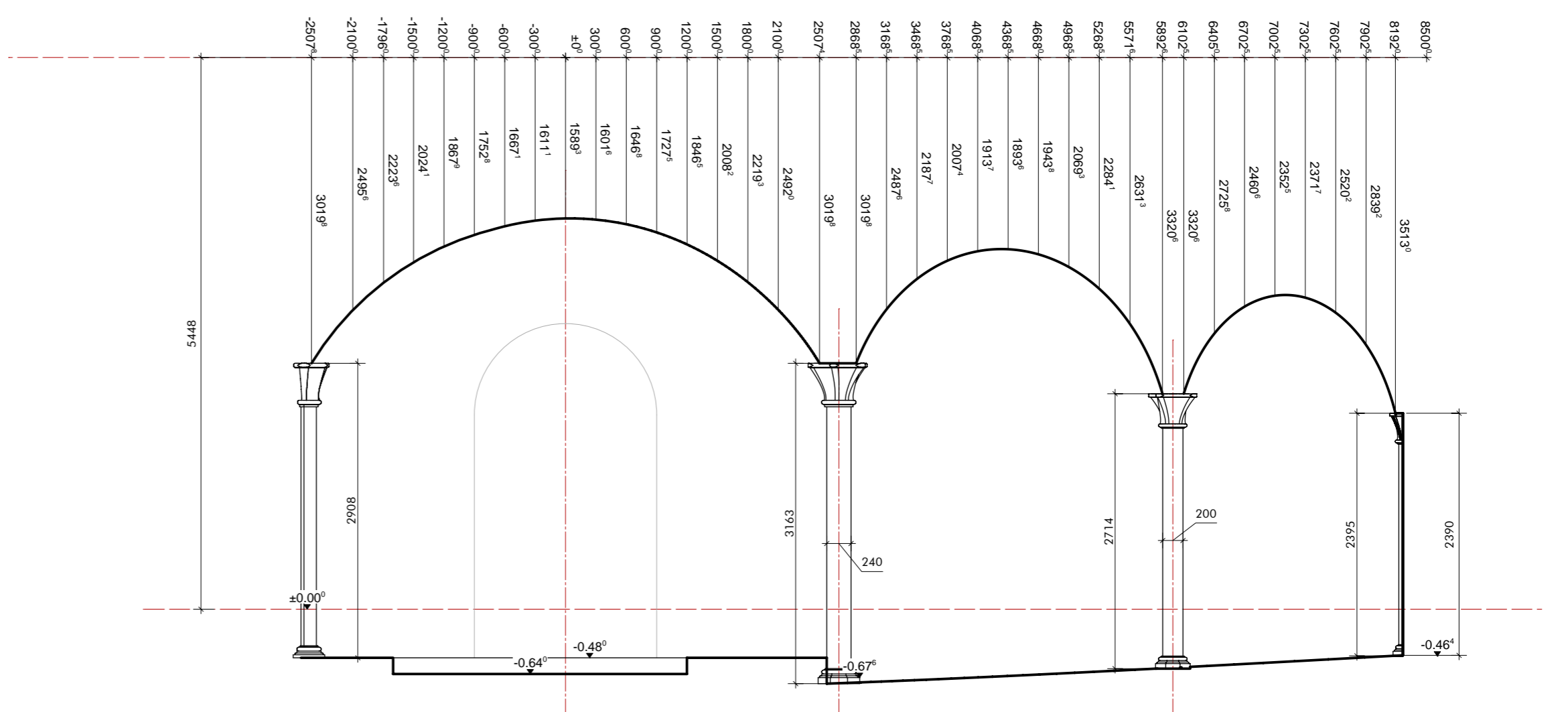
2 Section 07
4352 scale 1:50 @A1
0 0.5 1 2.5 m



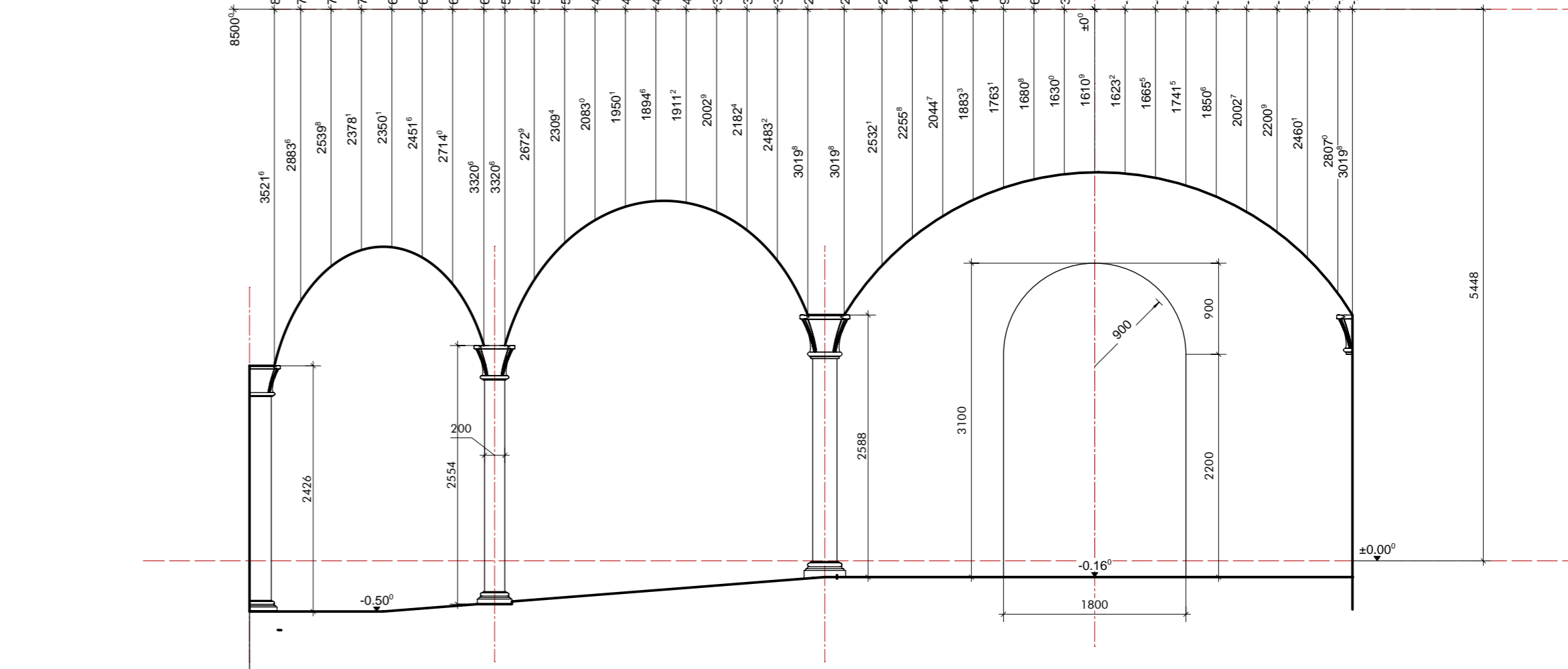
3 Section 08
4352 scale 1:50 @A1
0 0.5 1 2.5 m



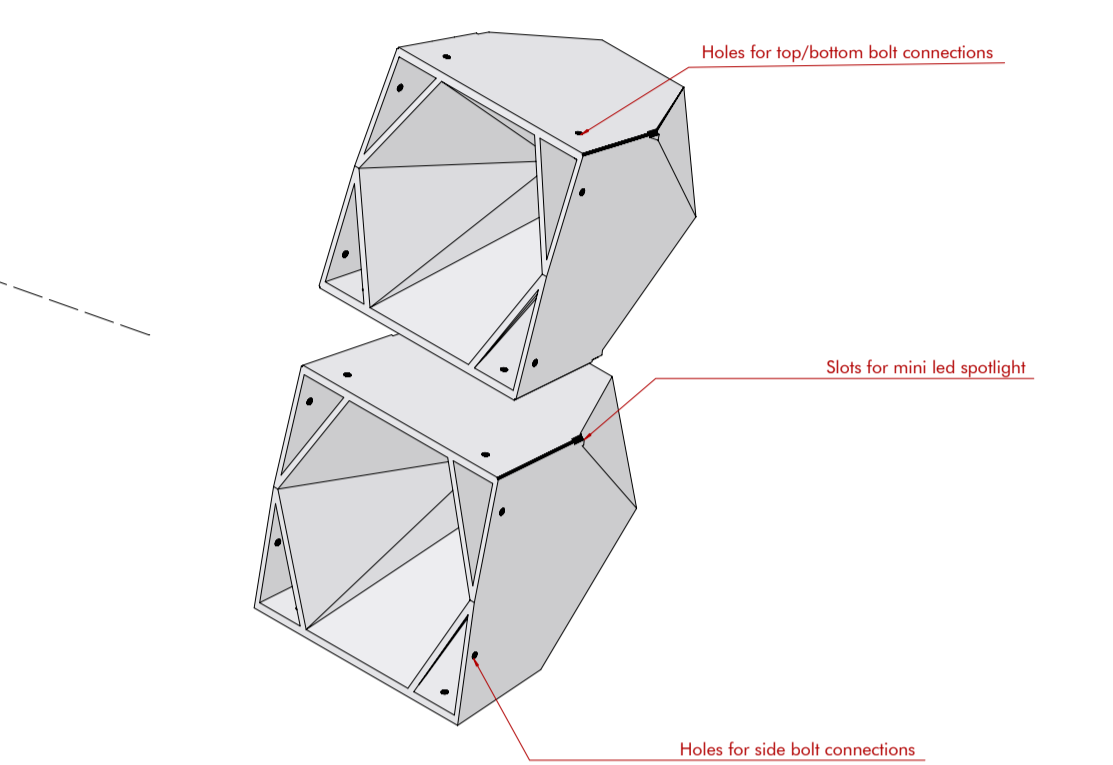
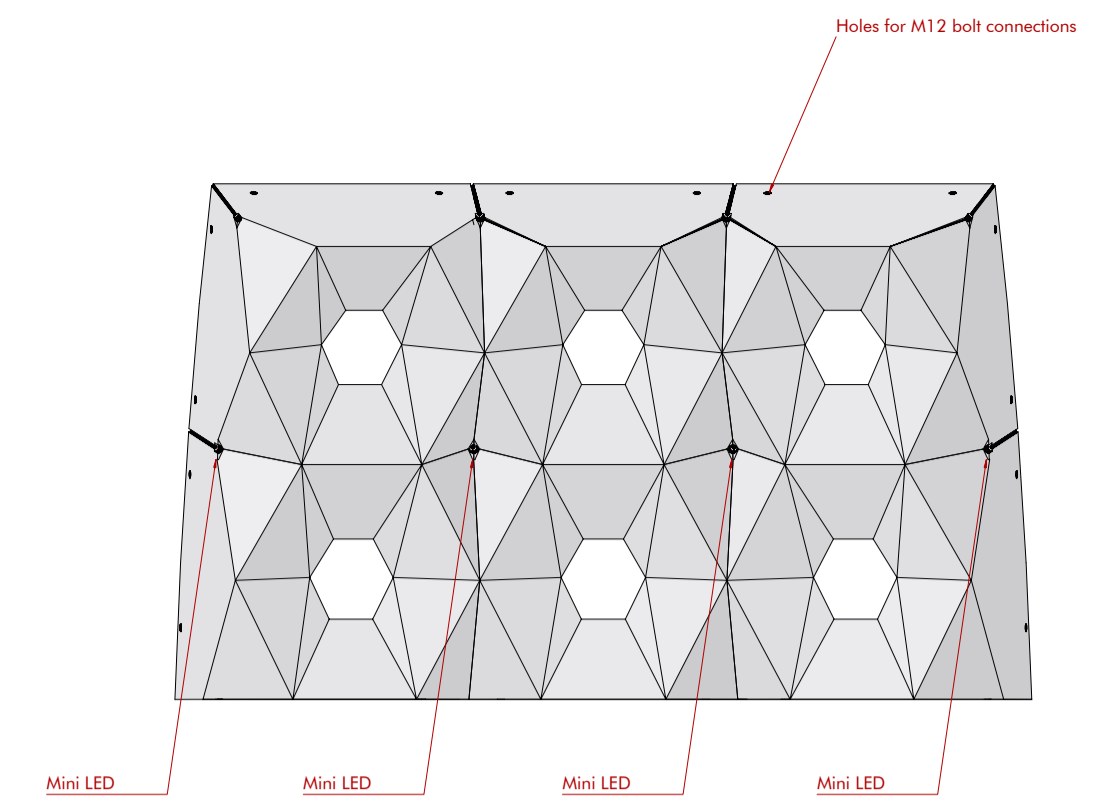
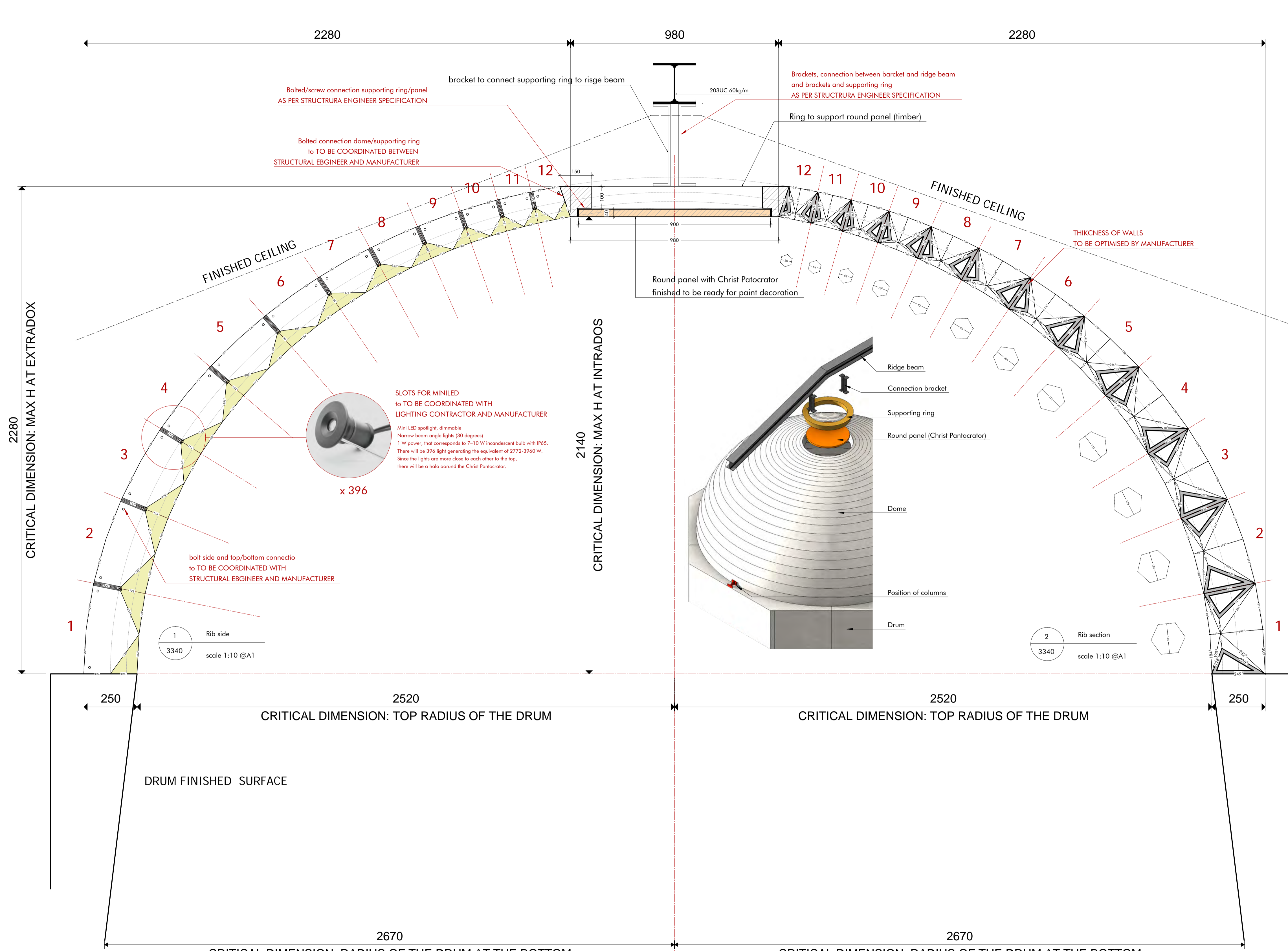
4 Section 01
4352 scale 1:50 @A1
0 0.5 1 2.5 m



5 Section 02
4352 scale 1:50 @A1
0 0.5 1 2.5 m



6 Section 05
4352 scale 1:50 @A1
0 0.5 1 2.5 m

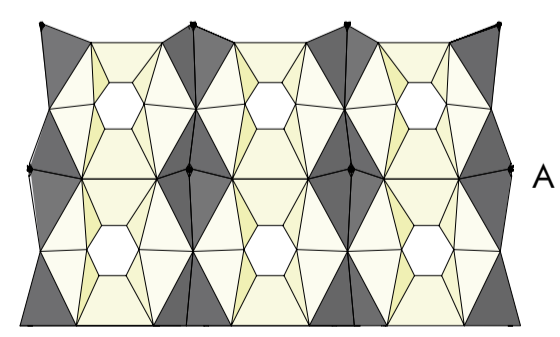


- NOTES:
- 1) Critical dimensions TBC by main contractor on site.
 - 2) Manufacturer to specify all the following:
 - Material (suggested PETG TBC)
 - Resolution of 3D Print
 - Infill and total thickness of 15 mm
 - Quantity of parts subject to optimization.
 - 3) Manufacturer to suggest slots/pins connections integrated into the 3D printing to facilitate assembly
 - 4) Manufacturer to check assembly method and to provide instruction to General Contractor
 - 5) Lighting Designer to specify LED, and requirement for slots, passage of wires, cable, etc, to be coordinated with manufacturer and 3D CAD designer/modeller (if different from manufacturer).
 - 6) Structural engineer to specify all bolt connection between parts, and between the dome and surrounding structure.

INSTRUCTION FOR 3D CAD DESIGNER/MODELLER

The image below shows the dome as modelled in the file named "TB_1402_Coordinated 3D Lines.dwg".

- The model consist of 3D lines modelled as per 2D drawings and dimension to facilitate the next steps of modelling as follows:
- 1) creating surfaces between the 3D lines
 - 2) transforming surfaces in solid walls (thickness to be confirmed by manufacturer)
 - 3) trim surfaces, fillet to 3D corner to optimise shape
 - 4) positioning holes for connection as specified by Structural Engineer
 - 5) Creating slots for LED and wires as requested by Lighting Designer/Contractor
 - 6) Modelling slots and pins as per Manufacturer advise to facilitate assembly
 - 7) Export 3D CAD into STL files or other as specified by Manufacturer



DESCRIPTION

The dome is made of 36 ribs.

Each rib is made of 12 voussoirs for a total of 432 pieces, 3D printed with recycled plastic.

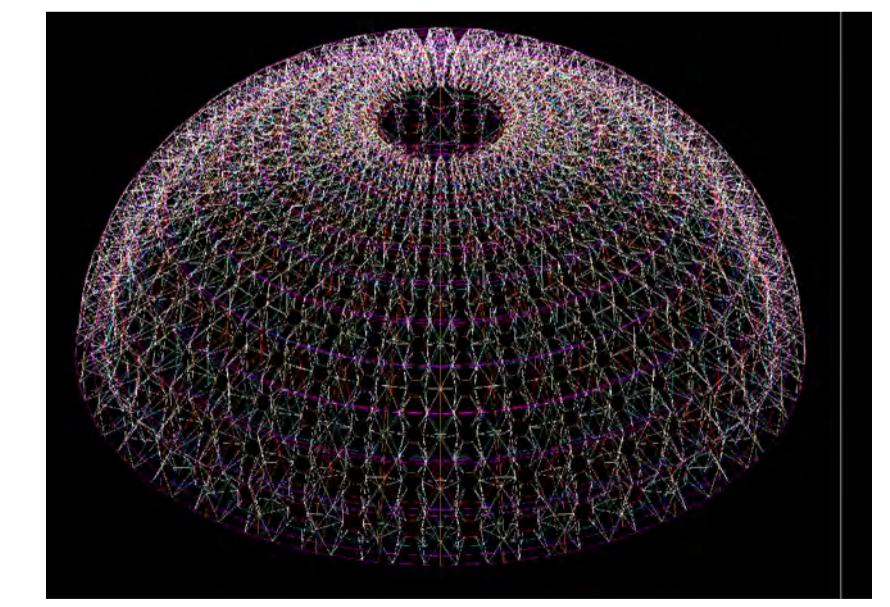
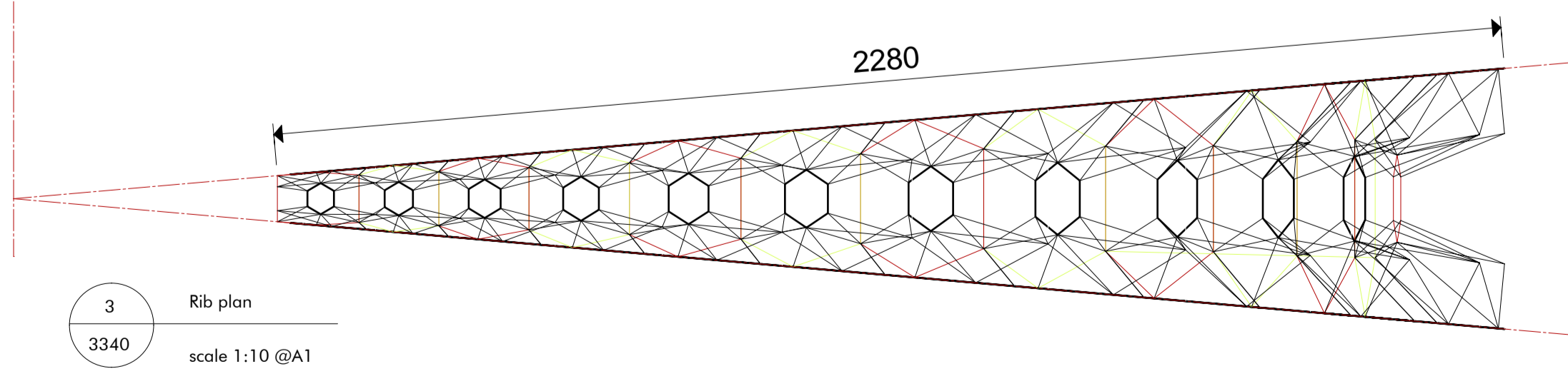
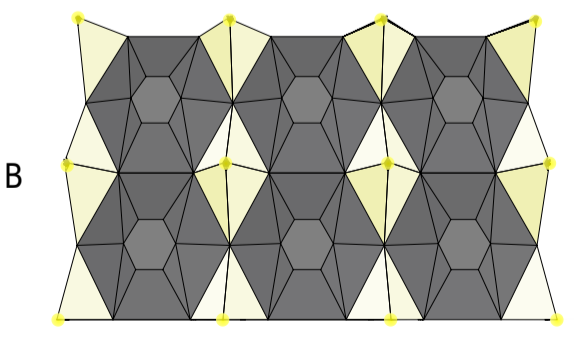
All voussoir are connected to each other, on the side, at top, and at the bottom, with bolts.

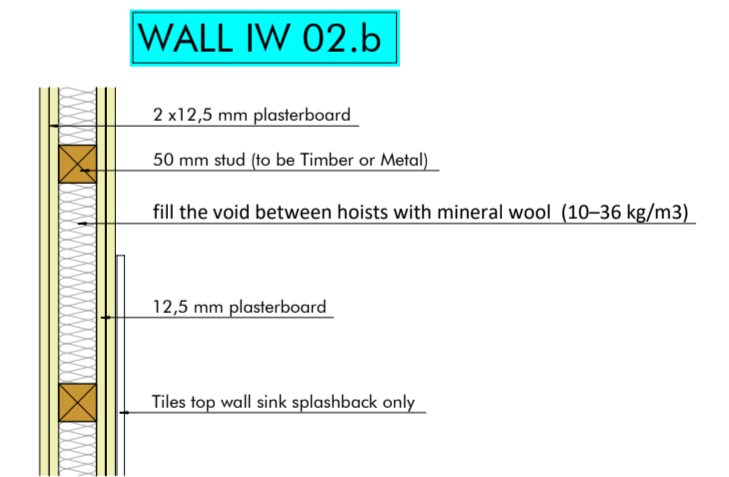
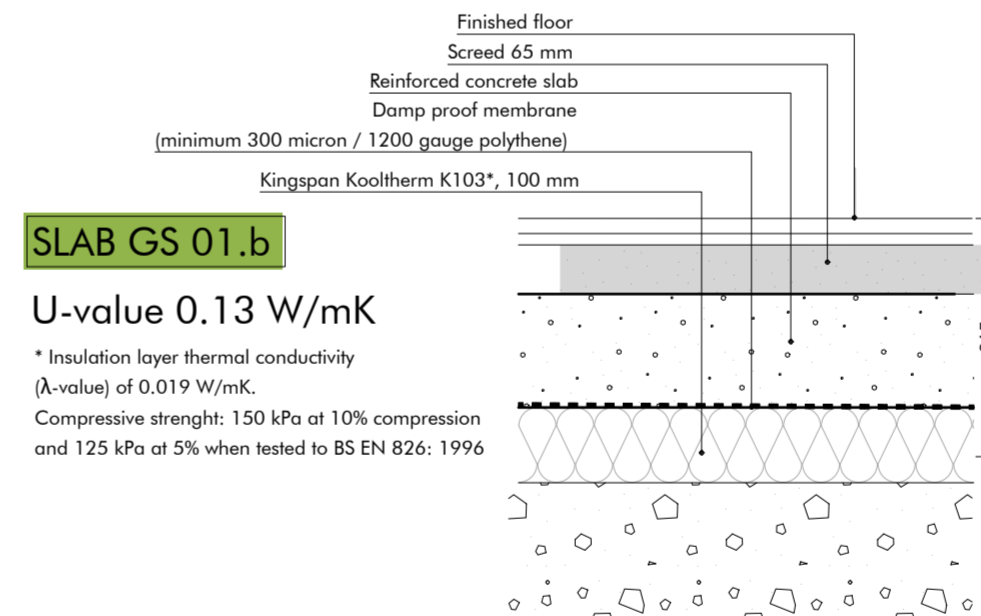
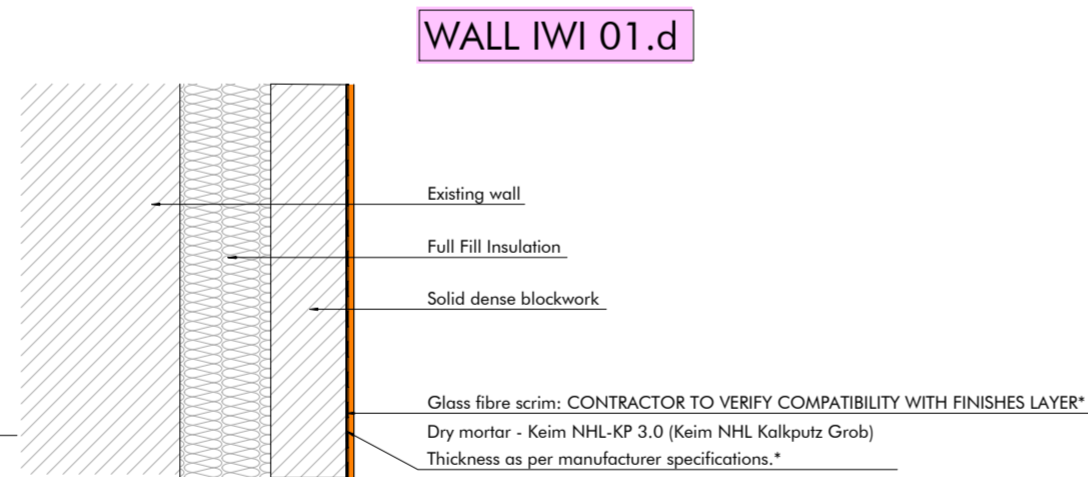
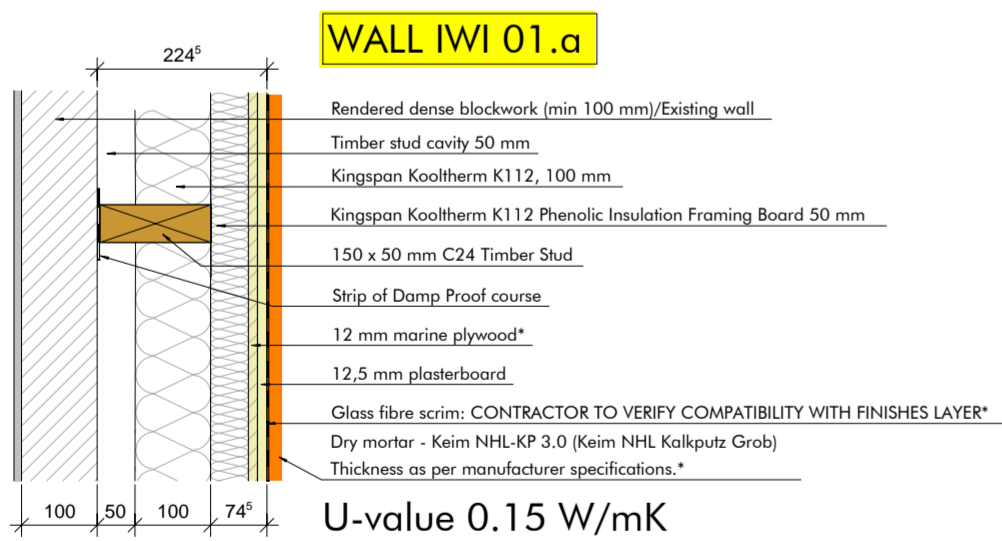
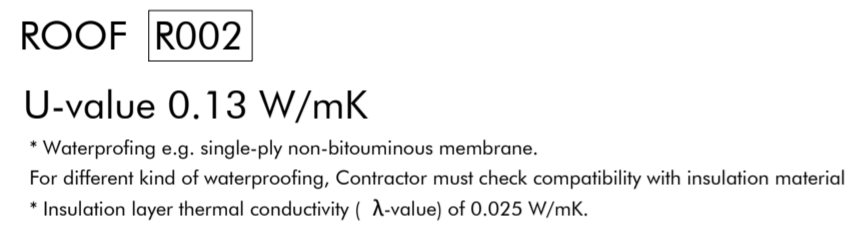
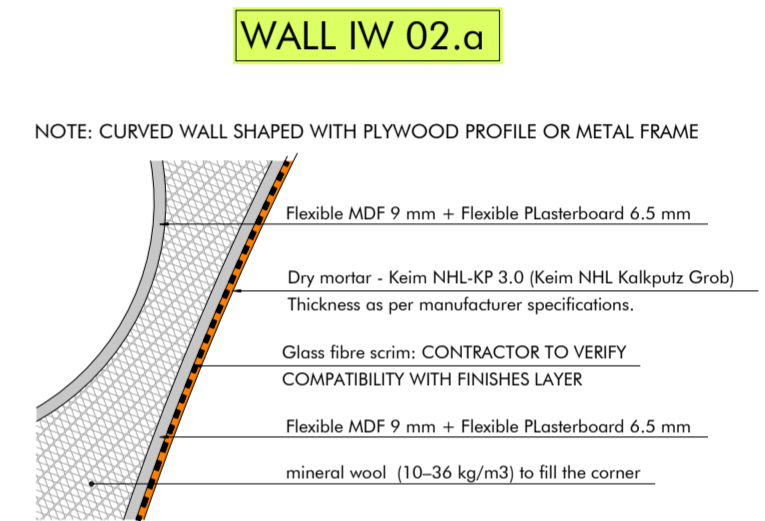
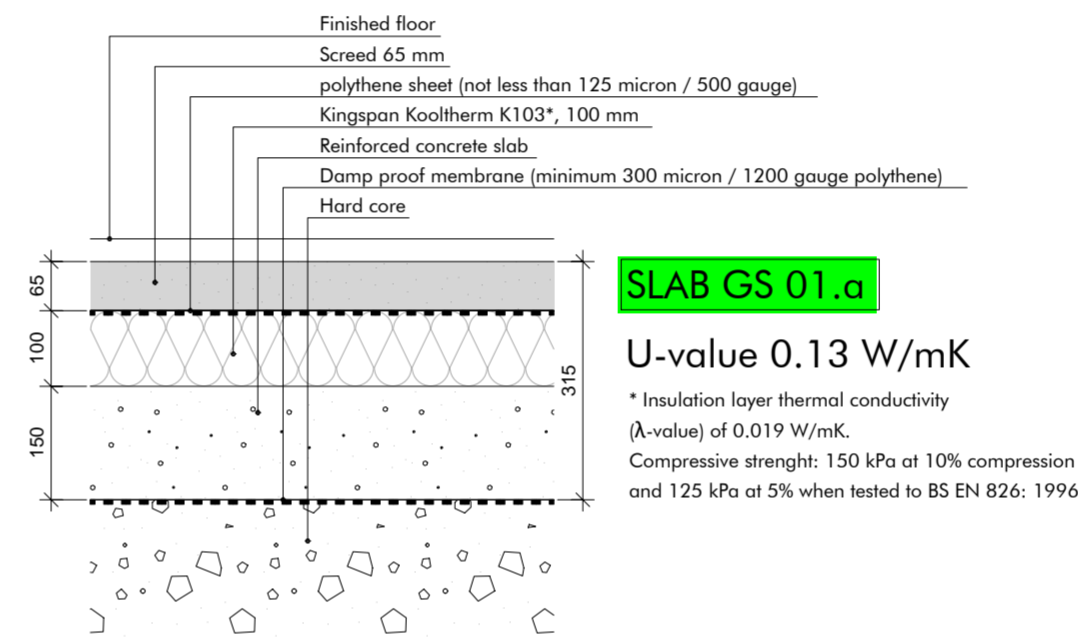
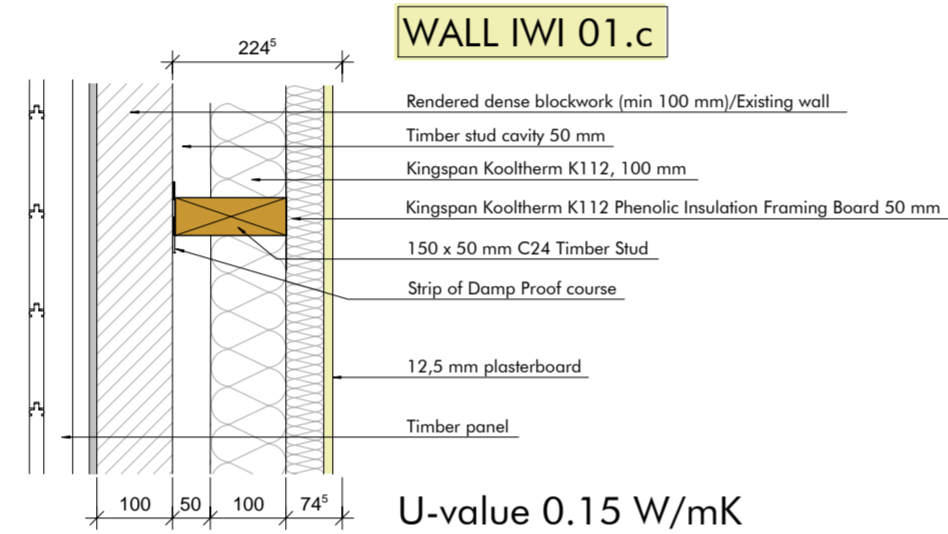
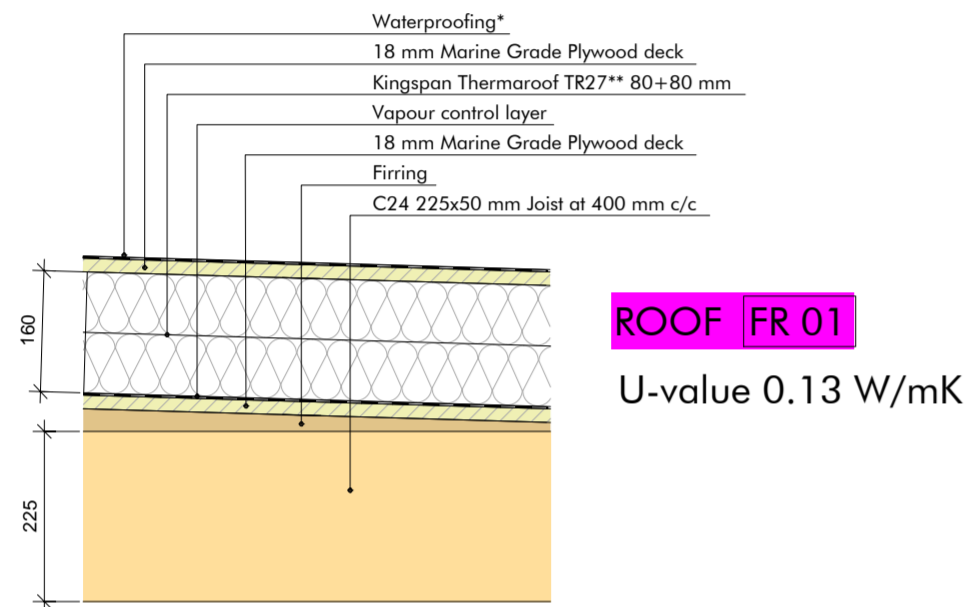
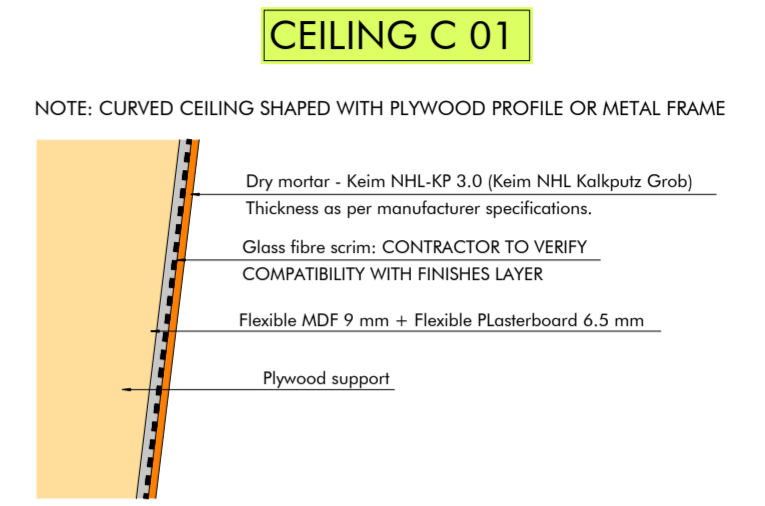
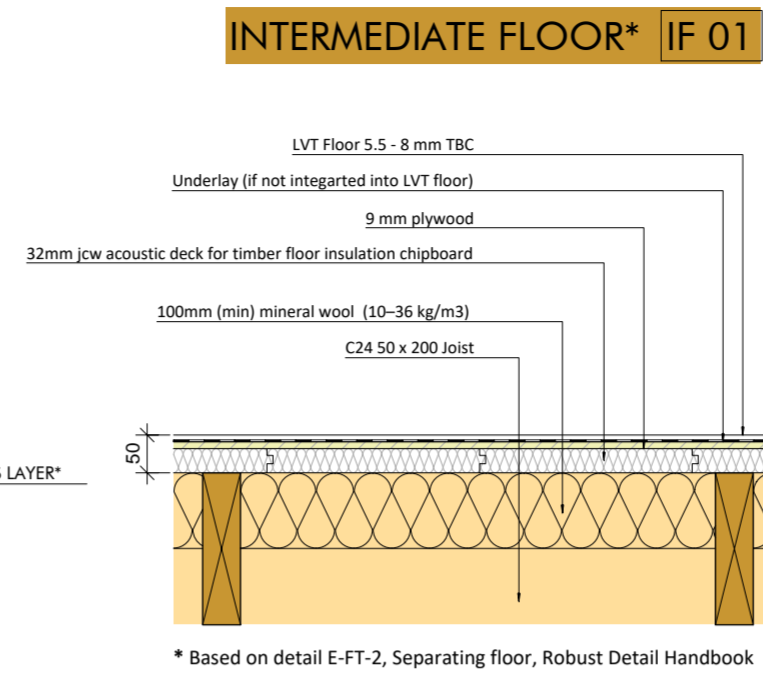
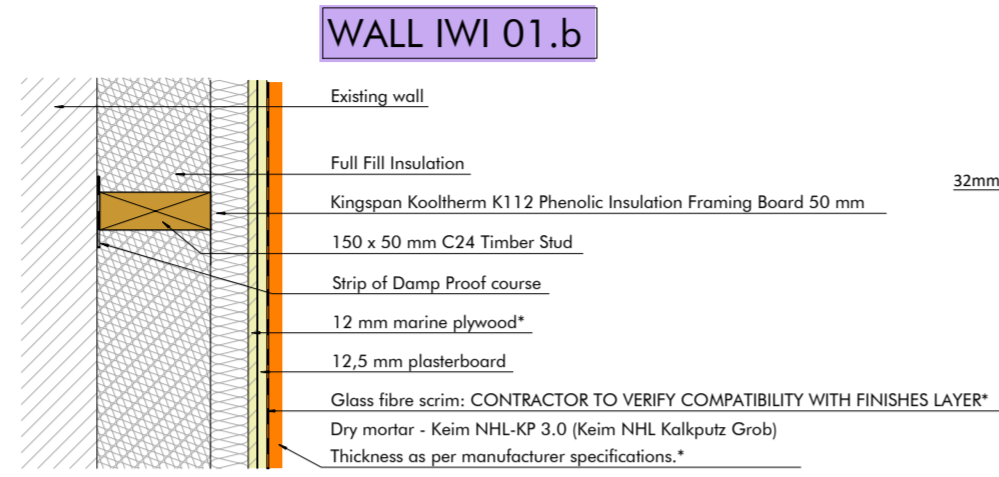
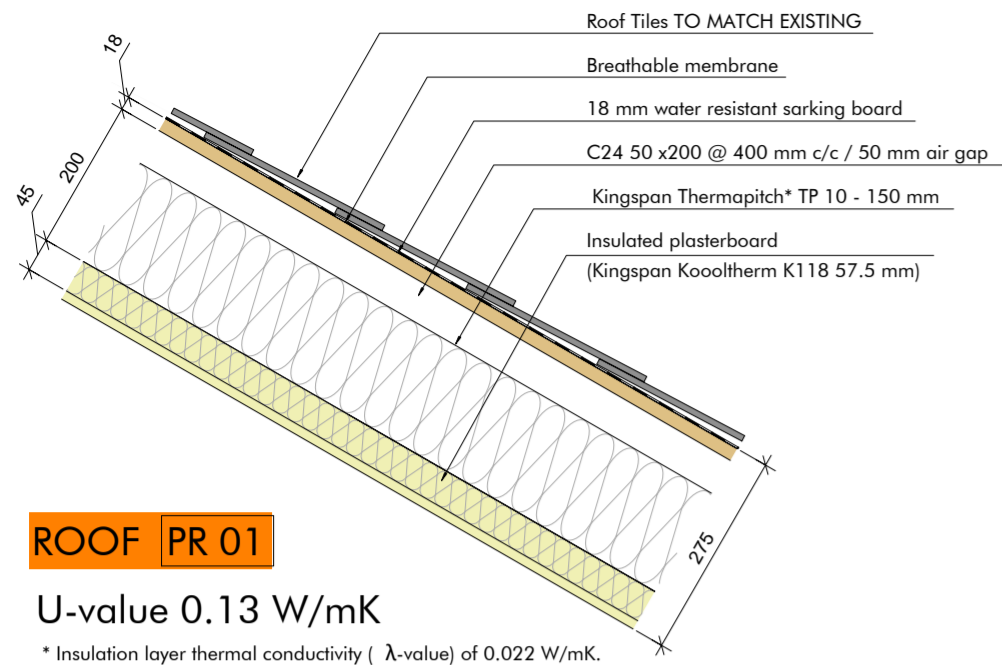
Every voussoir has a countersunk hexagonal hole to catch as much natural light as possible.

At the corner between voussoirs, there is a mini LED spotlight at the center of a facet diamond.

During the day (A), the hexagons bring diffuse light, where the diamonds looks shaded.

During the evening (B), the diamond are illuminated with intense points in the middle (starry sky).





Important clarification to BEIS 'Retrofit Internal Wall Insulation Best Practice Guide'

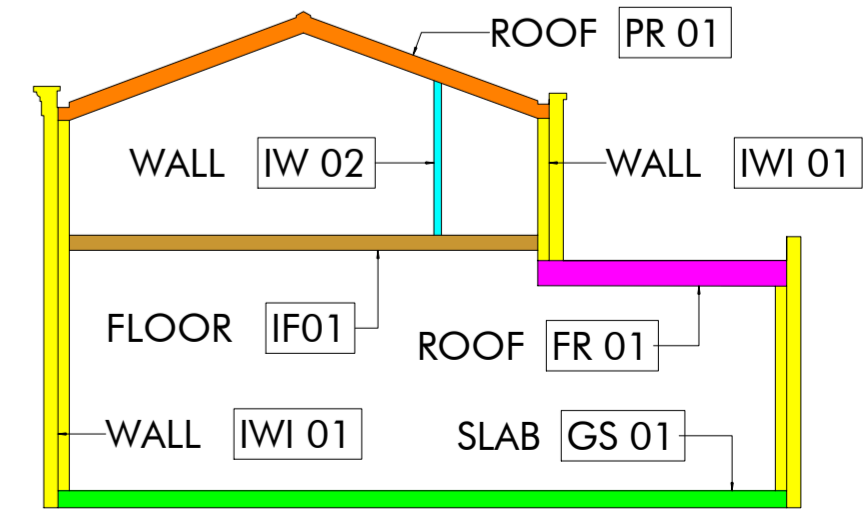
In September 2021, the Department for Business Energy and Industrial Strategy (BEIS) issued 'Retrofit Internal Wall Insulation (IWI): best practice'. Whilst this guide provides welcome guidance in this key area, it has also led to some confusion about where "moisture closed insulation" solutions, such as **Kooltherm K118 Insulated Plasterboard**, can be used in IWI applications. To address this, the Government has now issued a **guidance note** which states that:

"The BEIS Retrofit Internal Wall Insulation, Best Practice guidance does not prohibit the use of moisture closed internal wall insulation systems on existing solid walls.

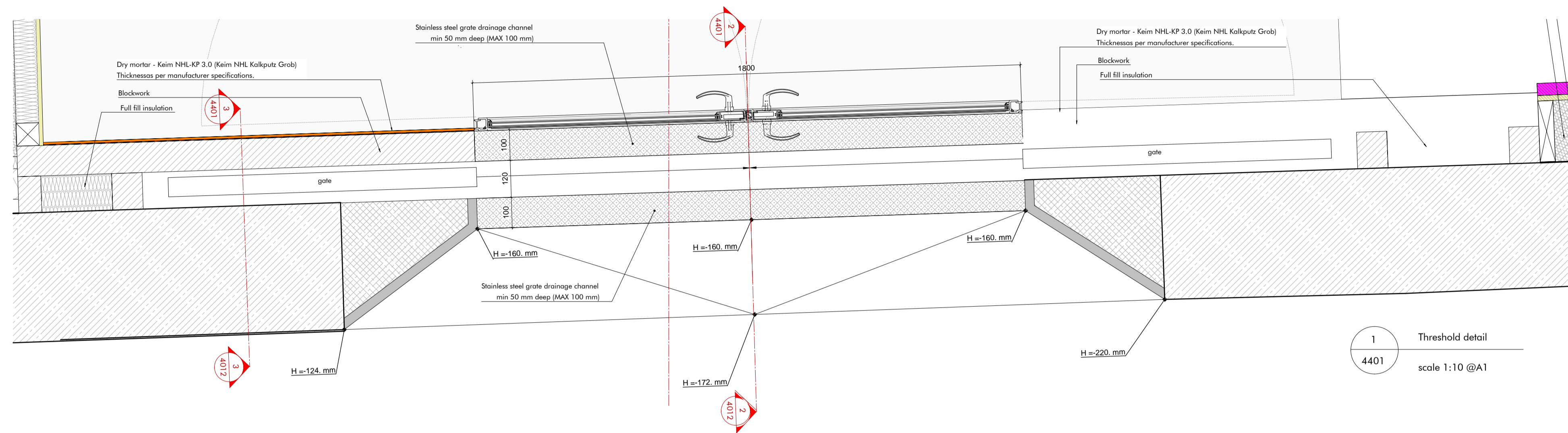
The insulation choice and moisture strategy should be based upon a multitude of factors, not least a robust retrofit assessment, and a good understanding of moisture risks in internal wall insulation."

The note goes on to highlight that many solid walled constructions have been altered since their construction and may now be moisture closed. In line with Clause 4 of the best practice guide "the lowest risk designs for internal wall insulation are consistent with the existing moisture strategy of the building".

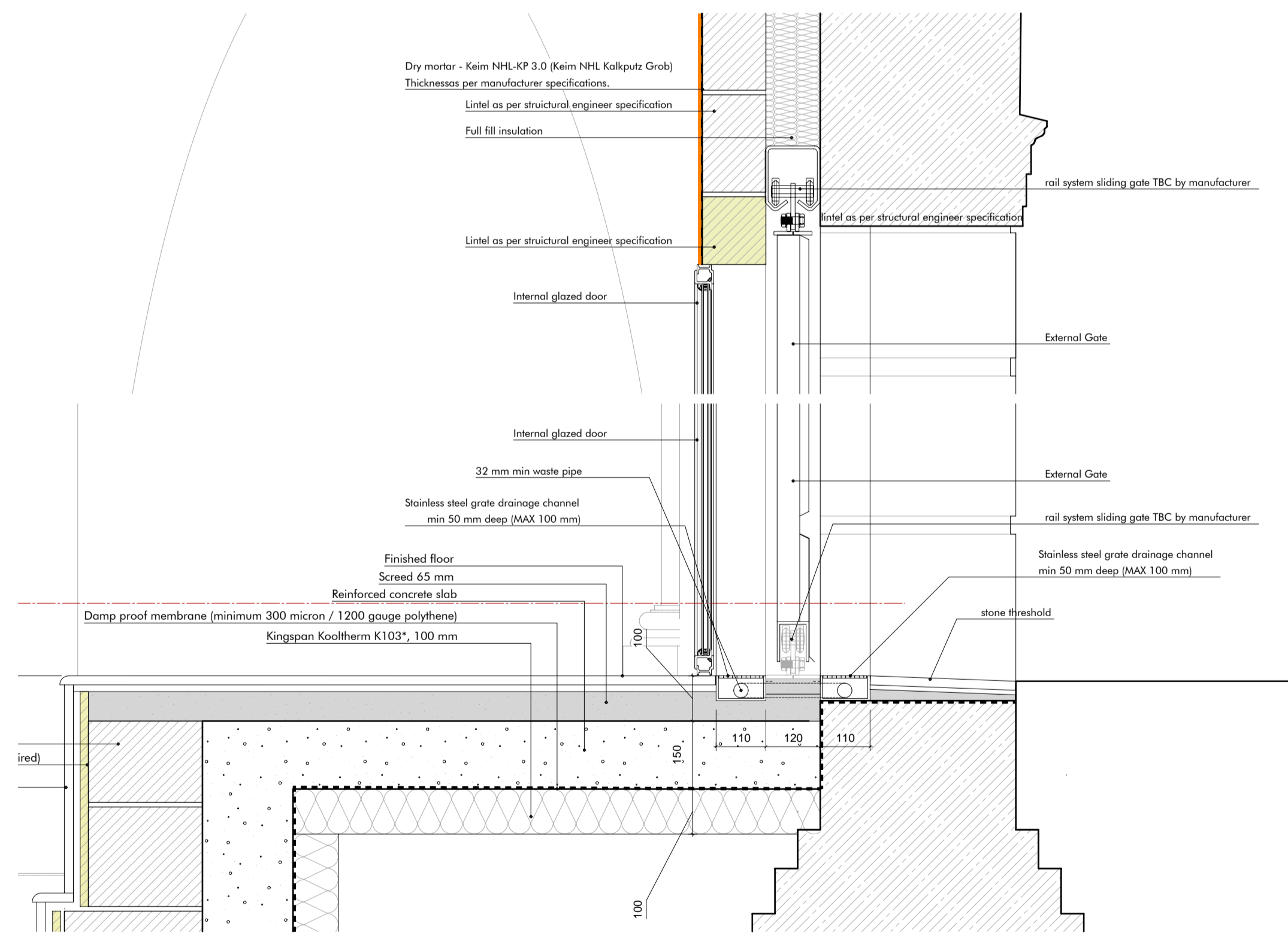
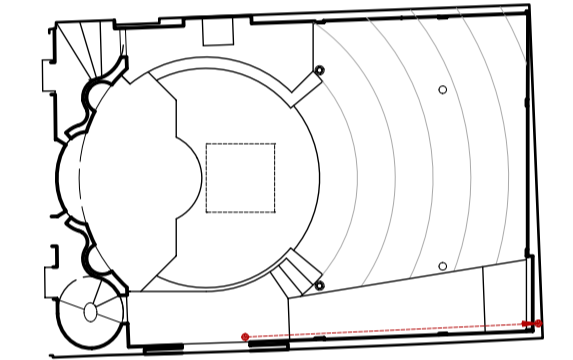
The note also clarifies that it is acceptable to install IWI systems with a cavity behind, for example fixing Kooltherm K118 on timber battens, providing the Retrofit Assessor is satisfied that the moisture risk is acceptable based upon guidance in BS 5250: 2021.



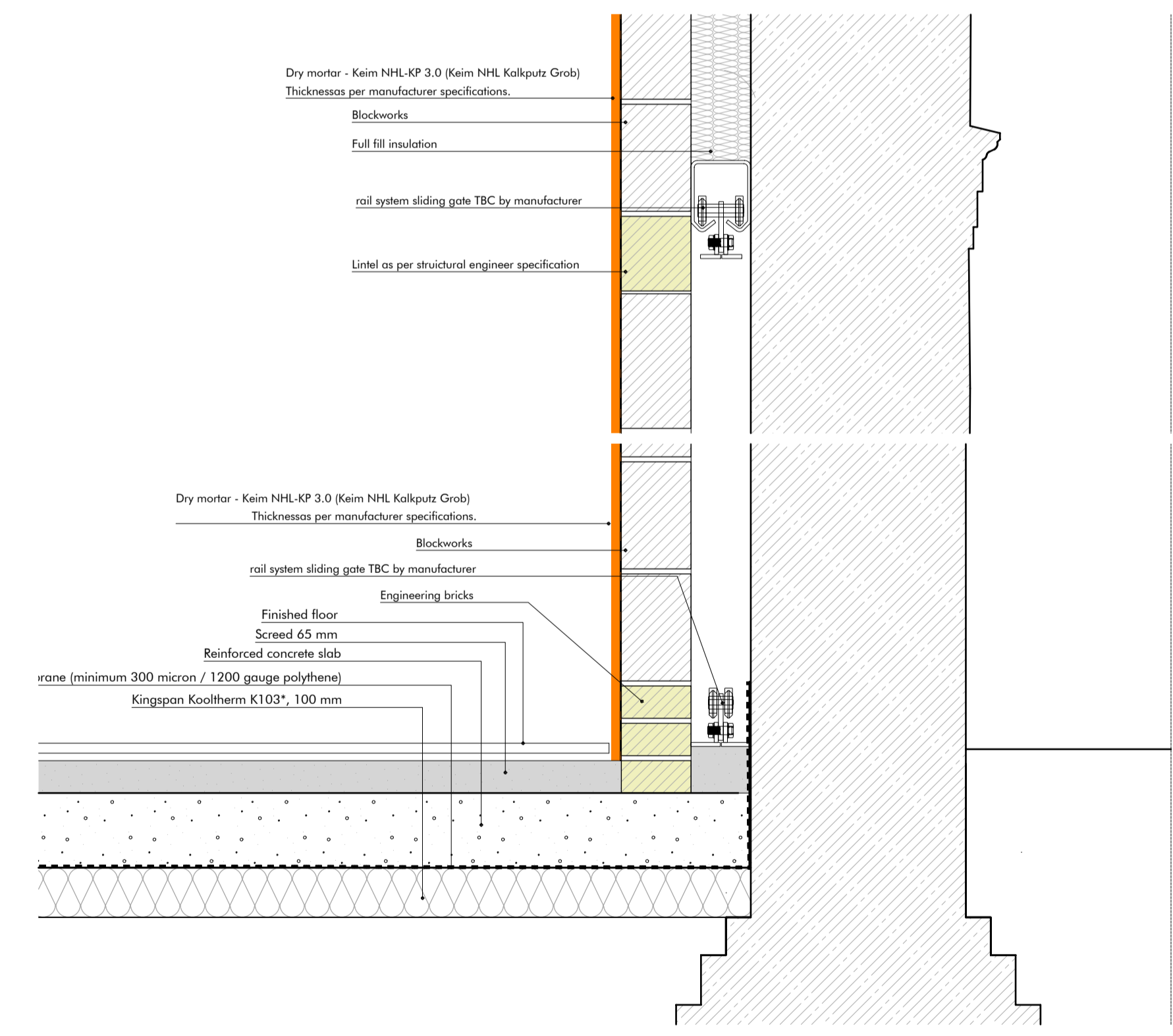
2 Build-ups
4401 scale 1:10 @A3



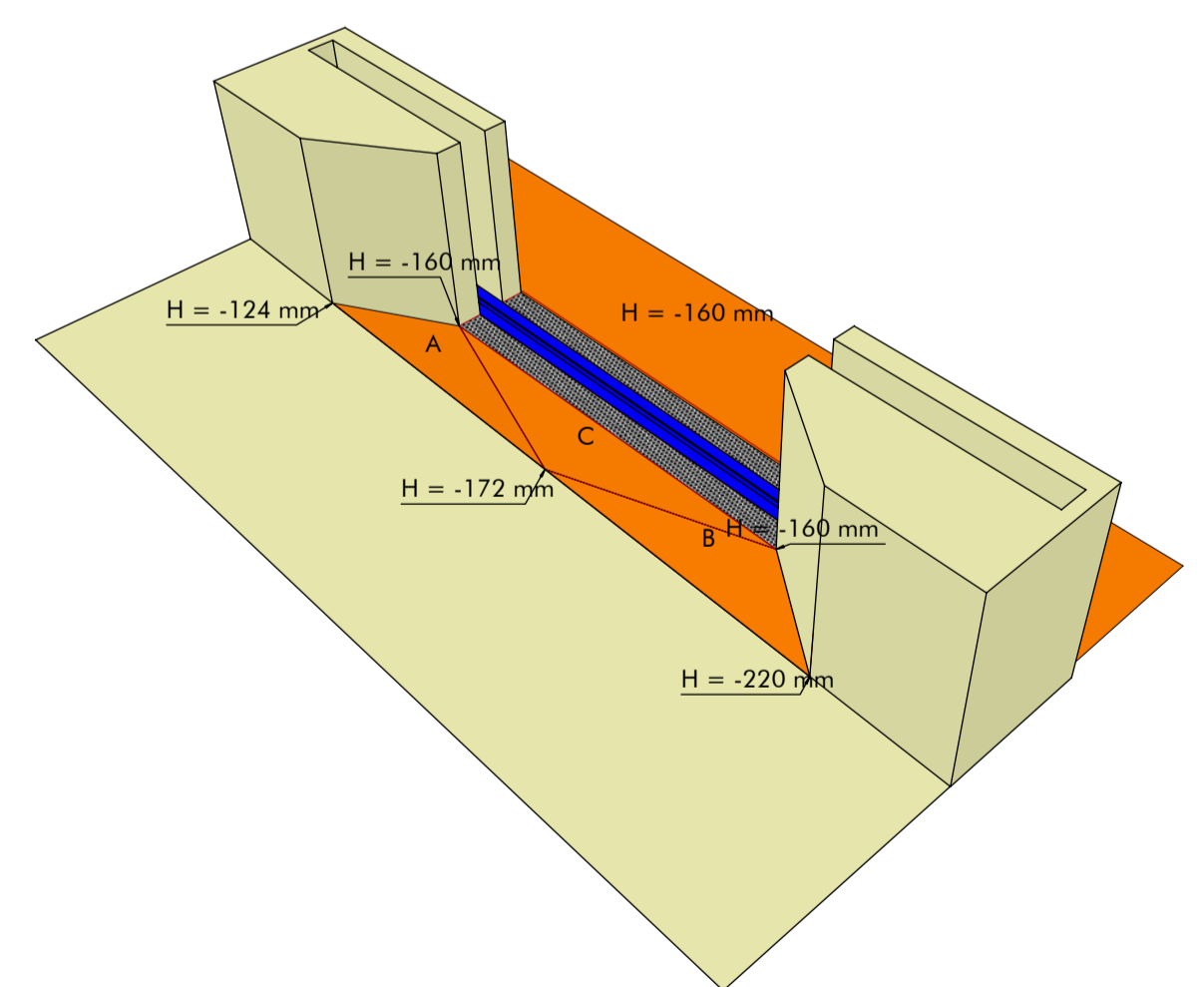
1 Threshold detail
4401 scale 1:10 @A1



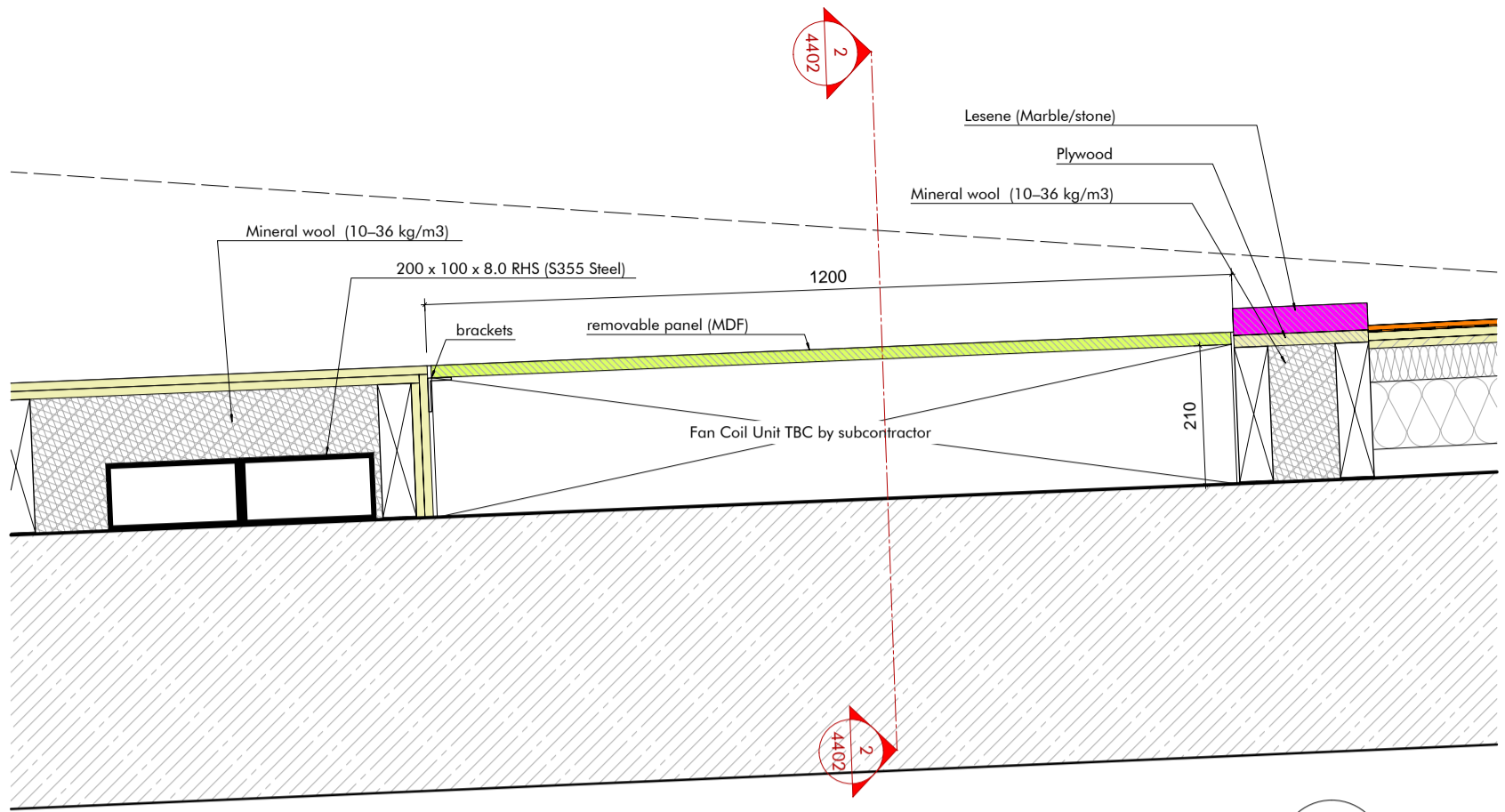
2 Threshold detail - Section
4401 scale 1:10 @A1



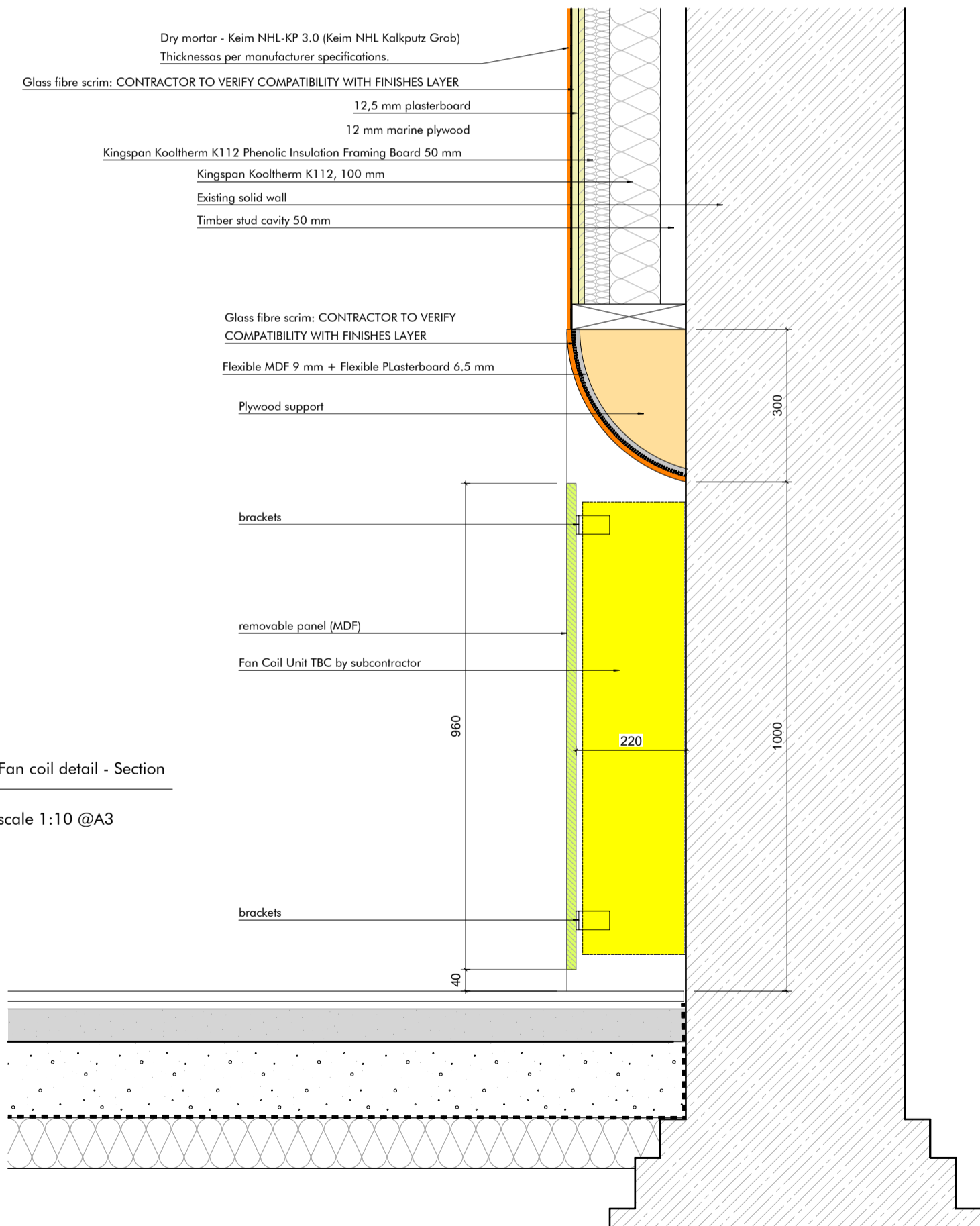
3 Threshold detail - Section
4401 scale 1:10 @A1



4 Accessible threshold levels
4401



1 Fan coil detail - Plan
4402 scale 1:10 @A3

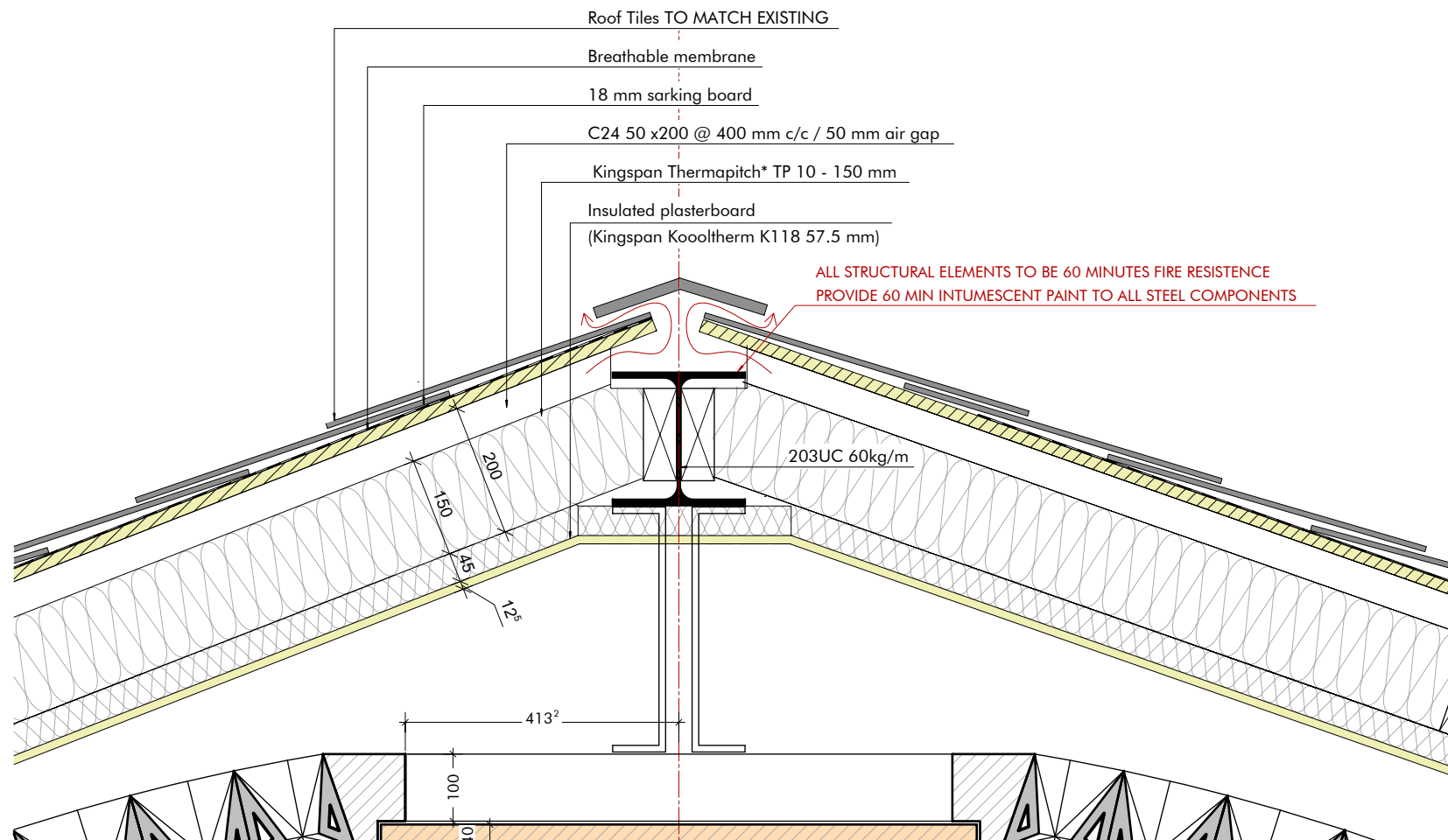


2 Fan coil detail - Section
4402 scale 1:10 @A3

1
4410

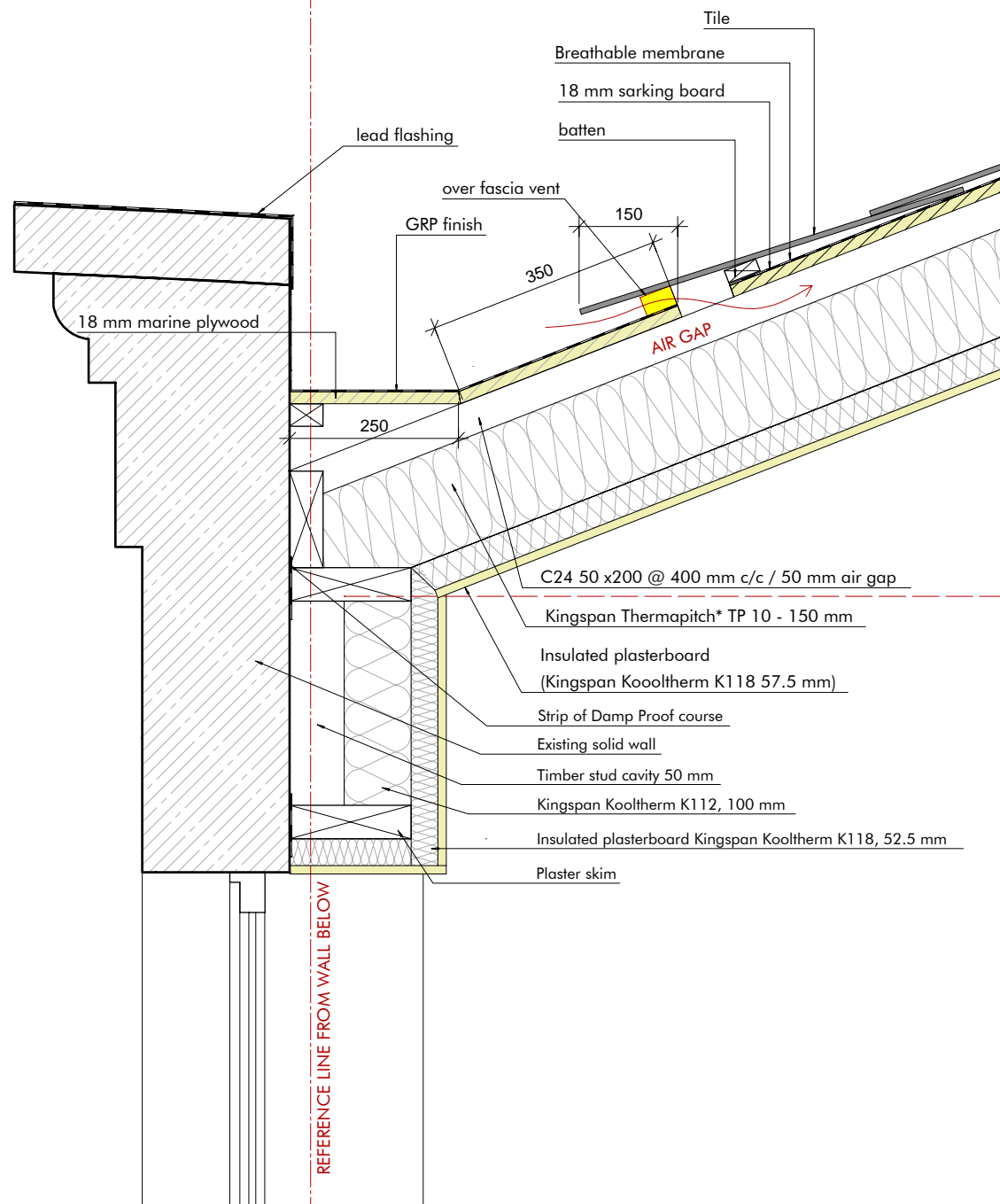
Ridge detail

scale 1:10 @A4



Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
26 Jay Mews	London SW7	Proconstruction LTD	Archetypes Design
DRAWING TITLE	Ridge Detail		
DRAWING NO.	AD22.06 CBE 4410	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10
		FORMAT:	@ A4

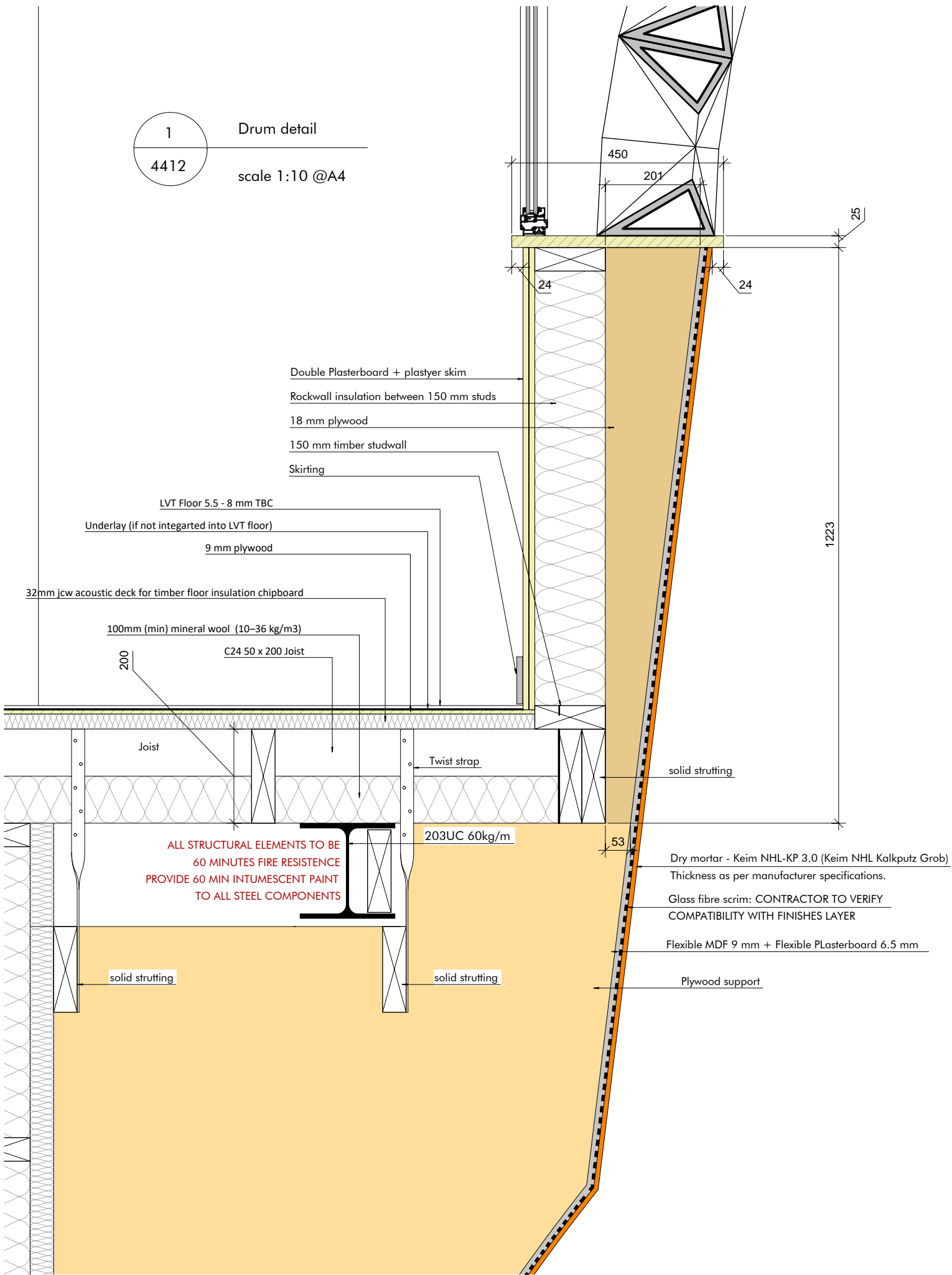


1 External eaves detail
 4411 scale 1:10 @A4

Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
26 Jay Mews	London SW7	Proconstruction LTD	Archetypes Design
DRAWING TITLE	External Eaves Detail		
DRAWING NO	AD22.06 CBE 4411	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10
		FORMAT:	@ A4

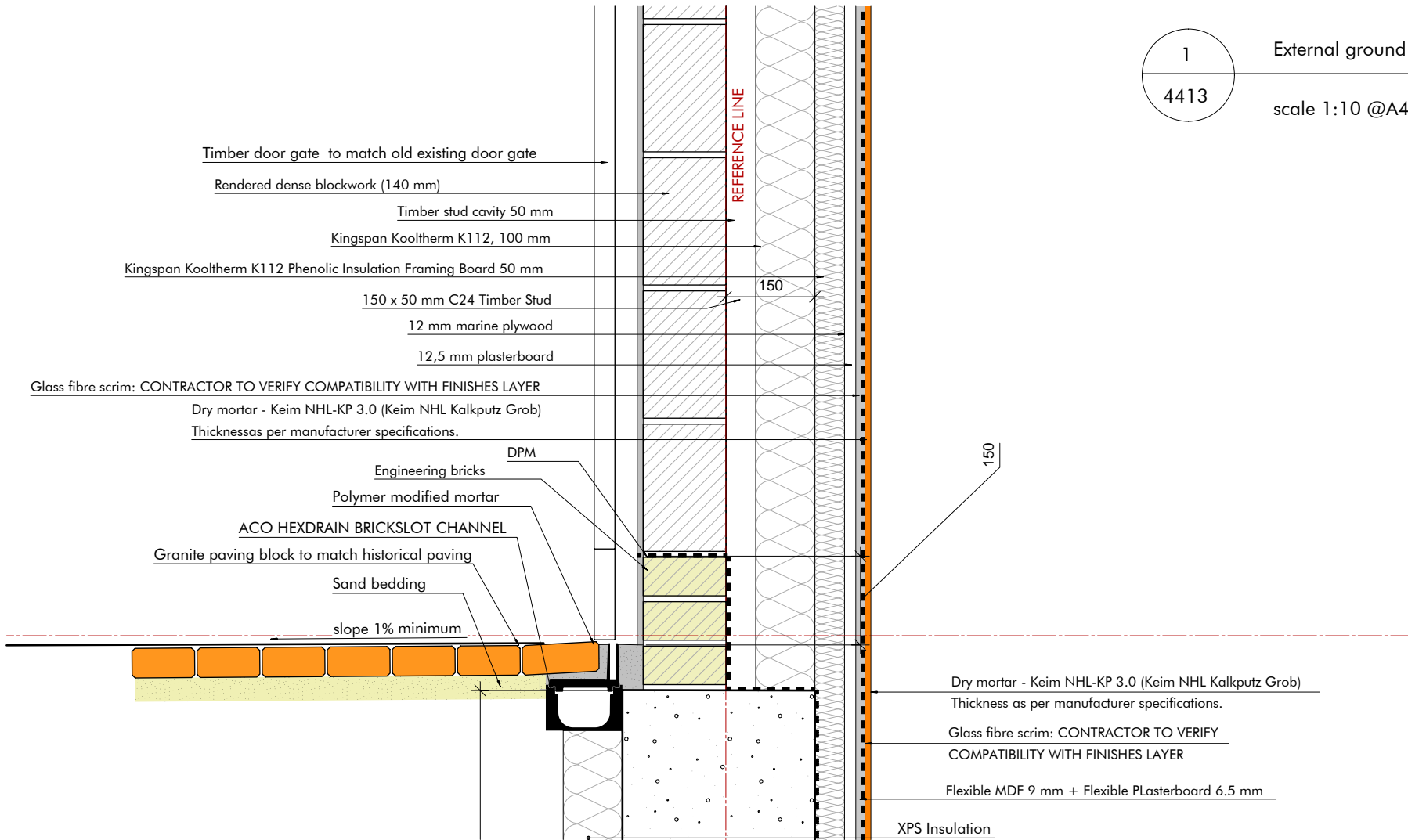
1 Drum detail
 4412 scale 1:10 @A4



1
4413

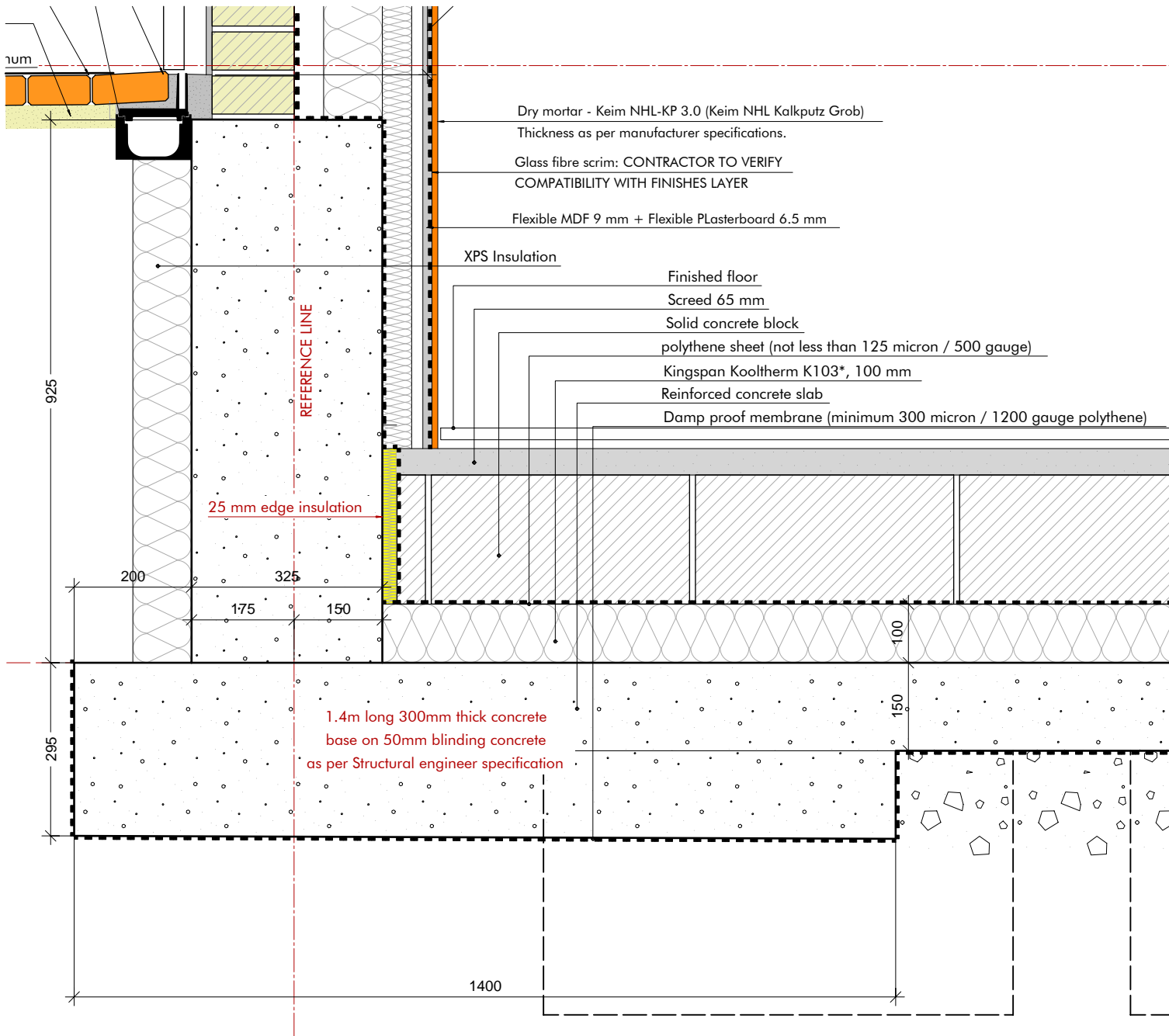
External ground edge detail

scale 1:10 @A4



Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
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DRAWING TITLE	External ground edge Detail		
DRAWING NO.	AD22.06 CBE 4413	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10
		FORMAT:	@ A4



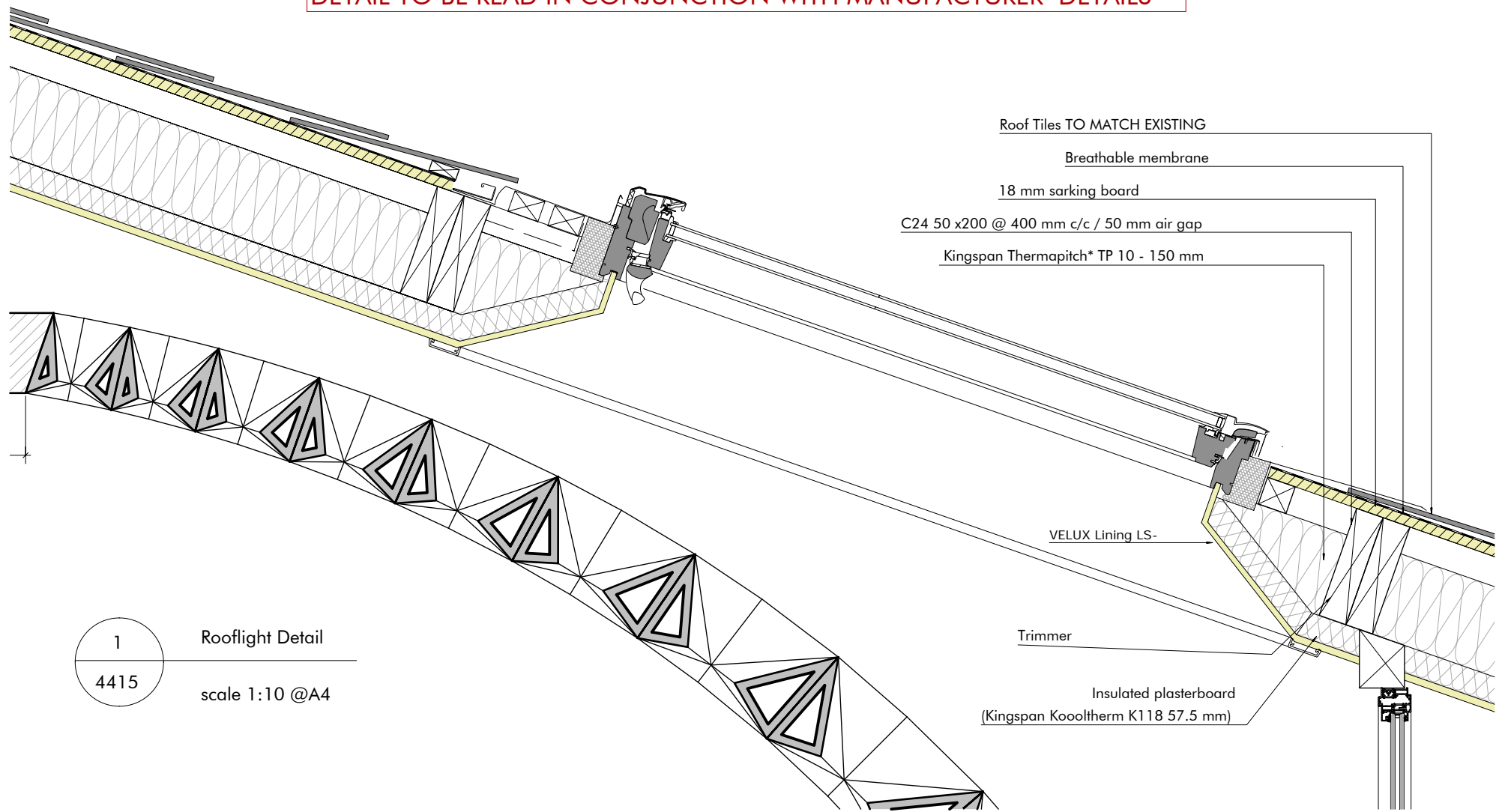
1
4414

Ground slab front detail
scale 1:10 @A4

Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
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DRAWING TITLE	Ground slab front Detail		
DRAWING NO	AD22.06 CBE 4414	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10
		FORMAT:	@ A4

DETAIL TO BE READ IN CONJUNCTION WITH MANUFACTURER DETAILS



1
4415
Rooflight Detail
scale 1:10 @A4

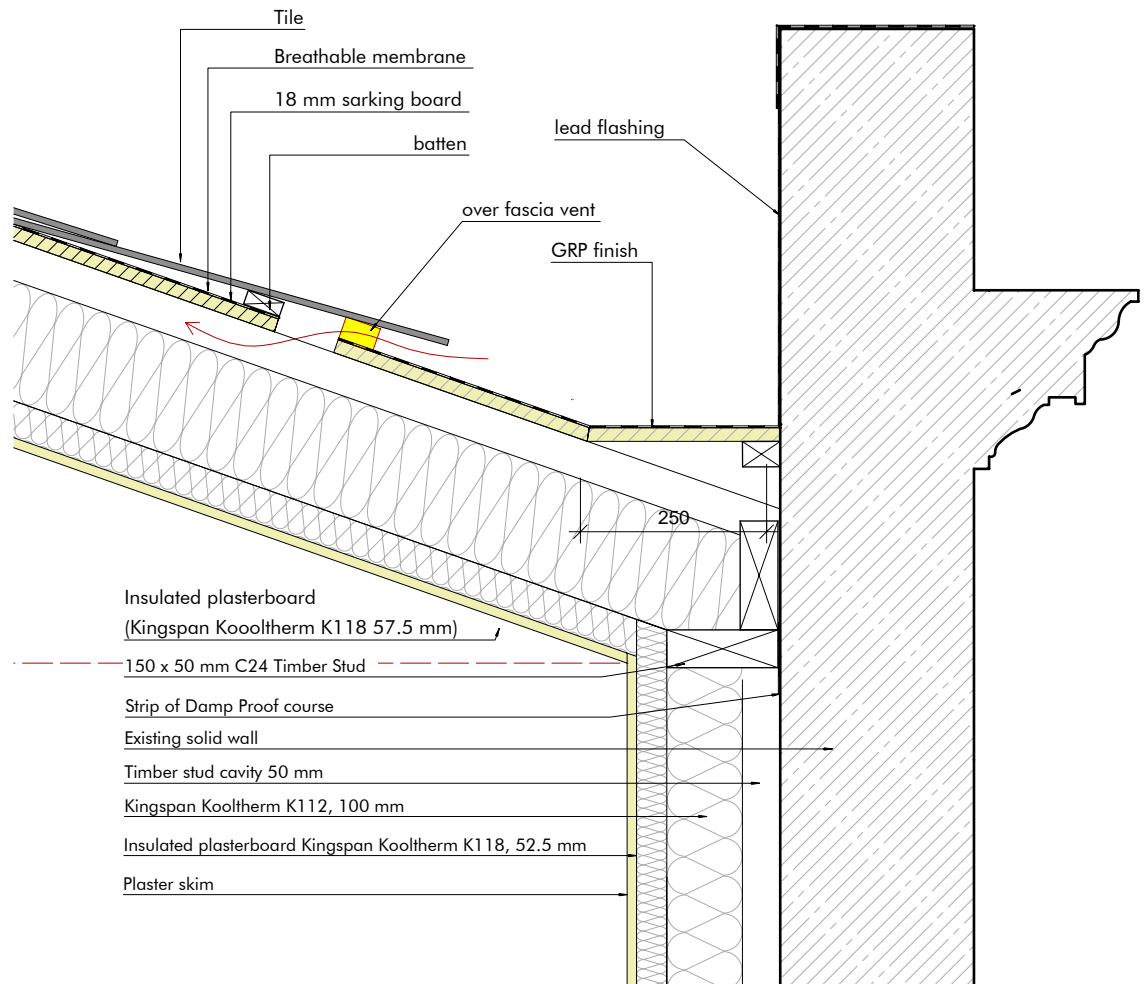
Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
26 Jay Mews	London SW7	Proconstruction LTD	Archetypes Design
DRAWING TITLE	Rooflight Detail		
DRAWING NO.	AD22.06 CBE 4415	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10
		FORMAT:	@ A4

1
4416

Internal eaves detail

scale 1:10 @A4



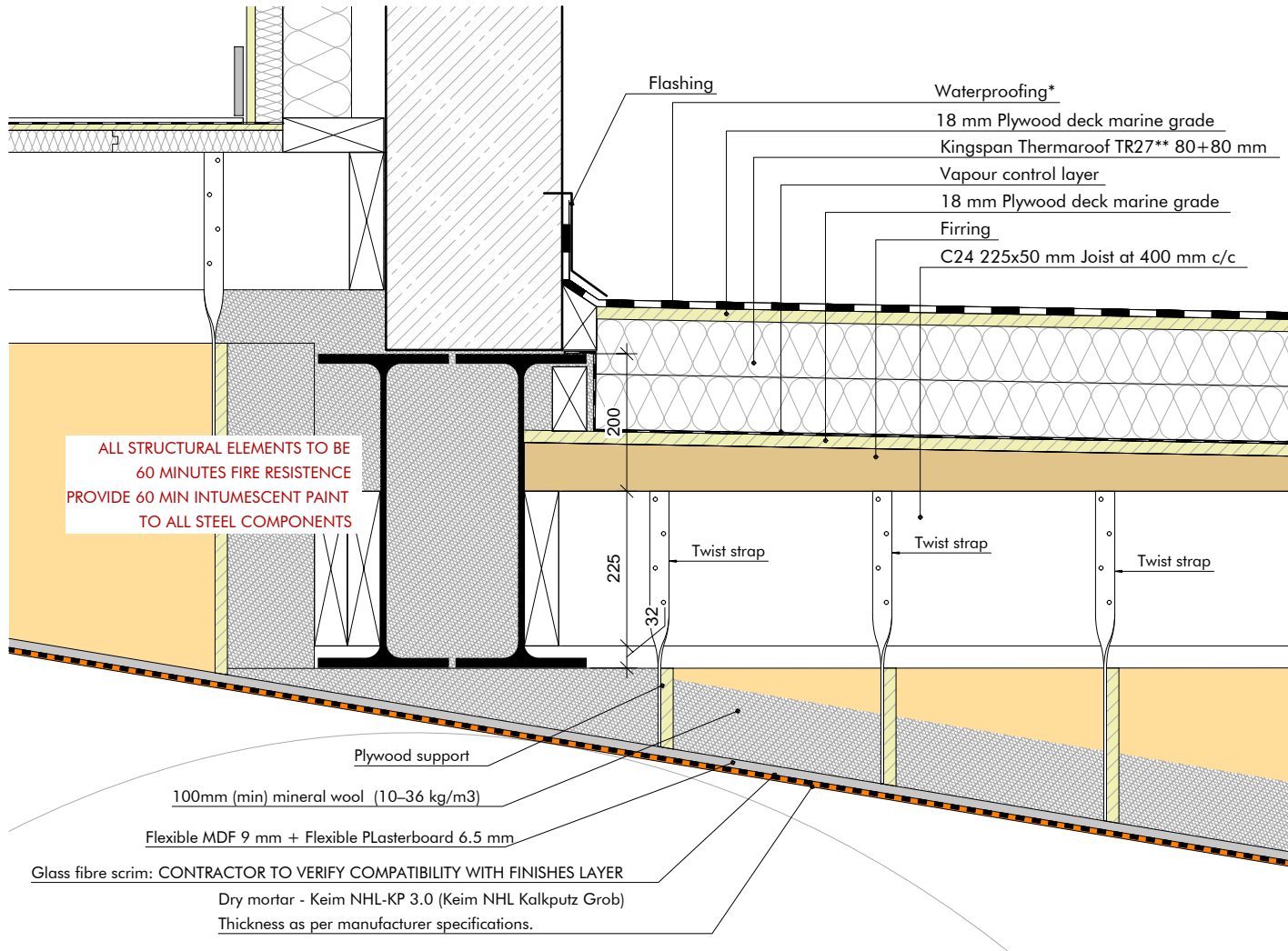
Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
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DRAWING TITLE internal Eaves Detail			
DRAWING N°	PURPOSE OF ISSUE:	SCALE:	FORMAT:
AD22.06 CBE 4416	RIBA STAGE 4	1:10	@ A4

1
4417

Flat roof detail

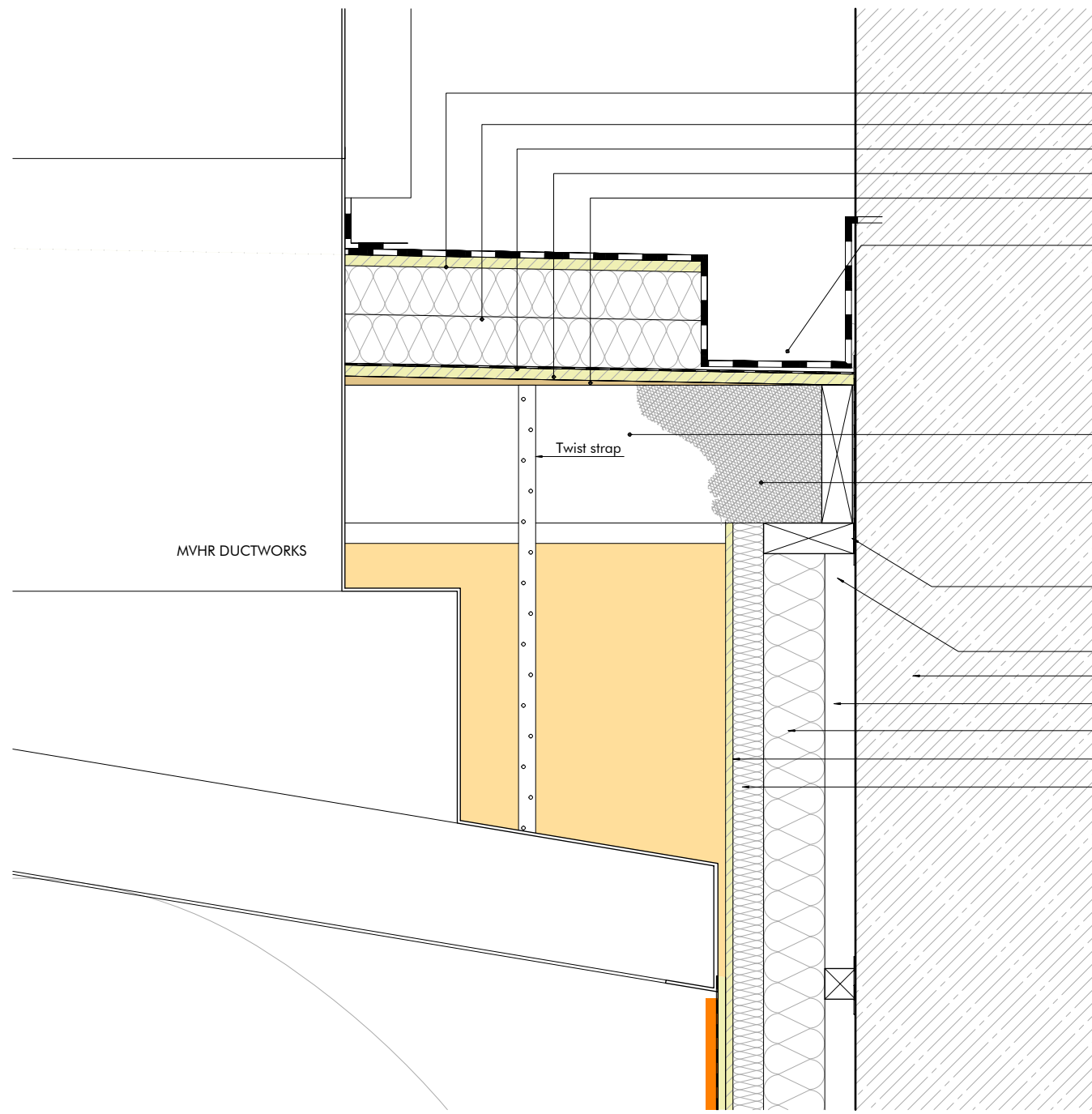
scale 1:10 @A4



ALL STRUCTURAL ELEMENTS TO BE
60 MINUTES FIRE RESISTANCE
PROVIDE 60 MIN INTUMESCENT PAINT
TO ALL STEEL COMPONENTS

Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
26 Jay Mews	London SW7	Proconstruction LTD	Archetypes Design
DRAWING TITLE	Flat roof Detail		
DRAWING NO.	AD22.06 CBE 4417	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10
		FORMAT:	@ A4



- 18 mm Plywood deck marine grade
- Kingspan Thermaroof TR27** 80+80 mm
- Vapour control layer
- 18 mm Plywood deck marine grade
- Furring
- Waterproofing* and guttering
- C24 225x50 mm Joist at 400 mm c/c
- mineral wool (10-36 kg/m3) to fill the corner
- Strip of Damp Proof course
- 150 x 50 mm C24 Timber Stud
- Existing solid wall
- Timber stud cavity 50 mm
- Kingspan Kooltherm K112, 100 mm
- 12 mm marine plywood
- Kingspan Kooltherm K112 Phenolic Insulation Framing Board 50 mm

MVHR DUCTWORKS

Twist strap

1 Flat roof gutter detail
4418 scale 1:10 @A4

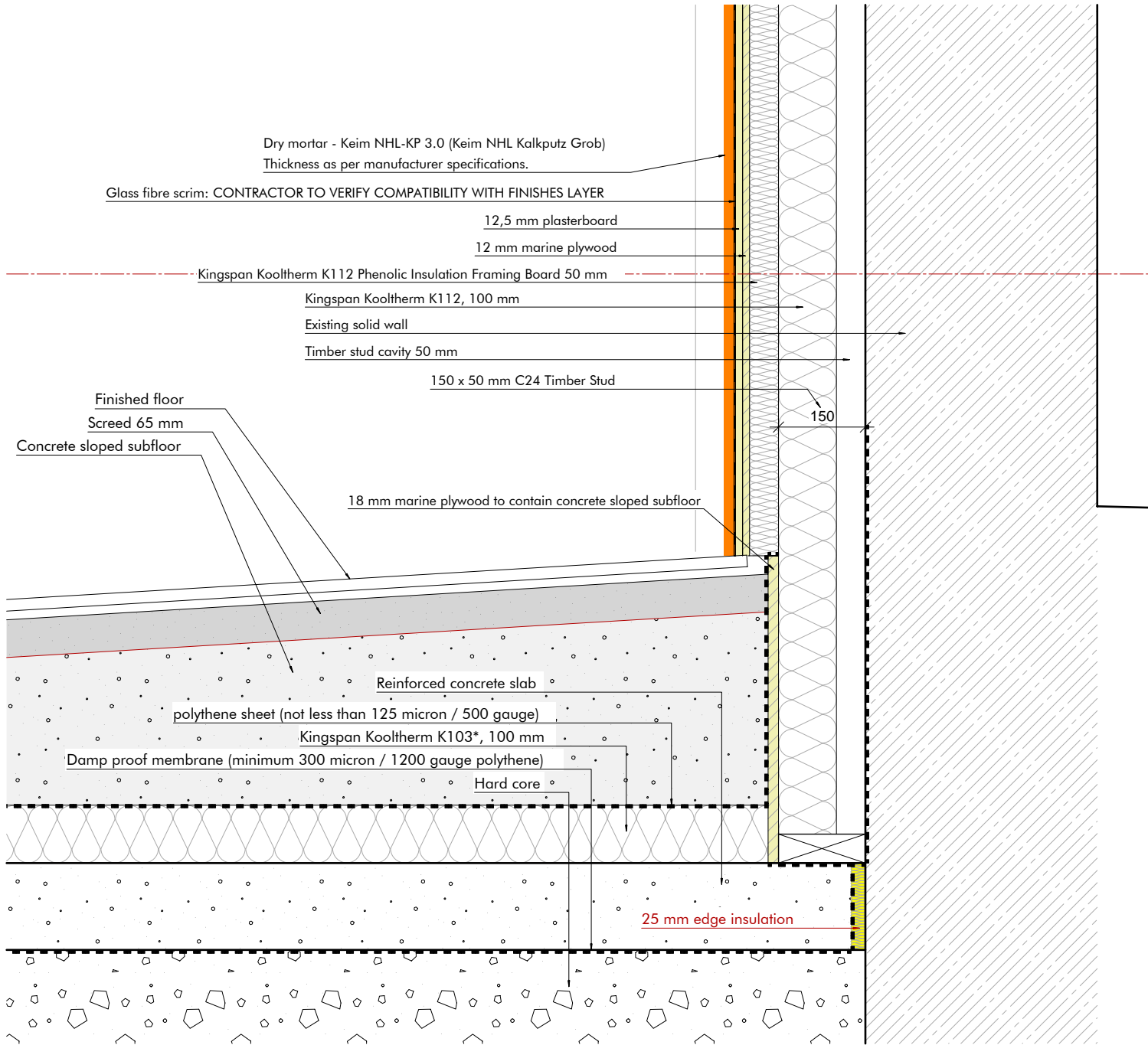
Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
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DRAWING TITLE	Flat Roof gutter Detail		
DRAWING NO	AD22.06 CBE 4418	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10 @ A4

1
4419

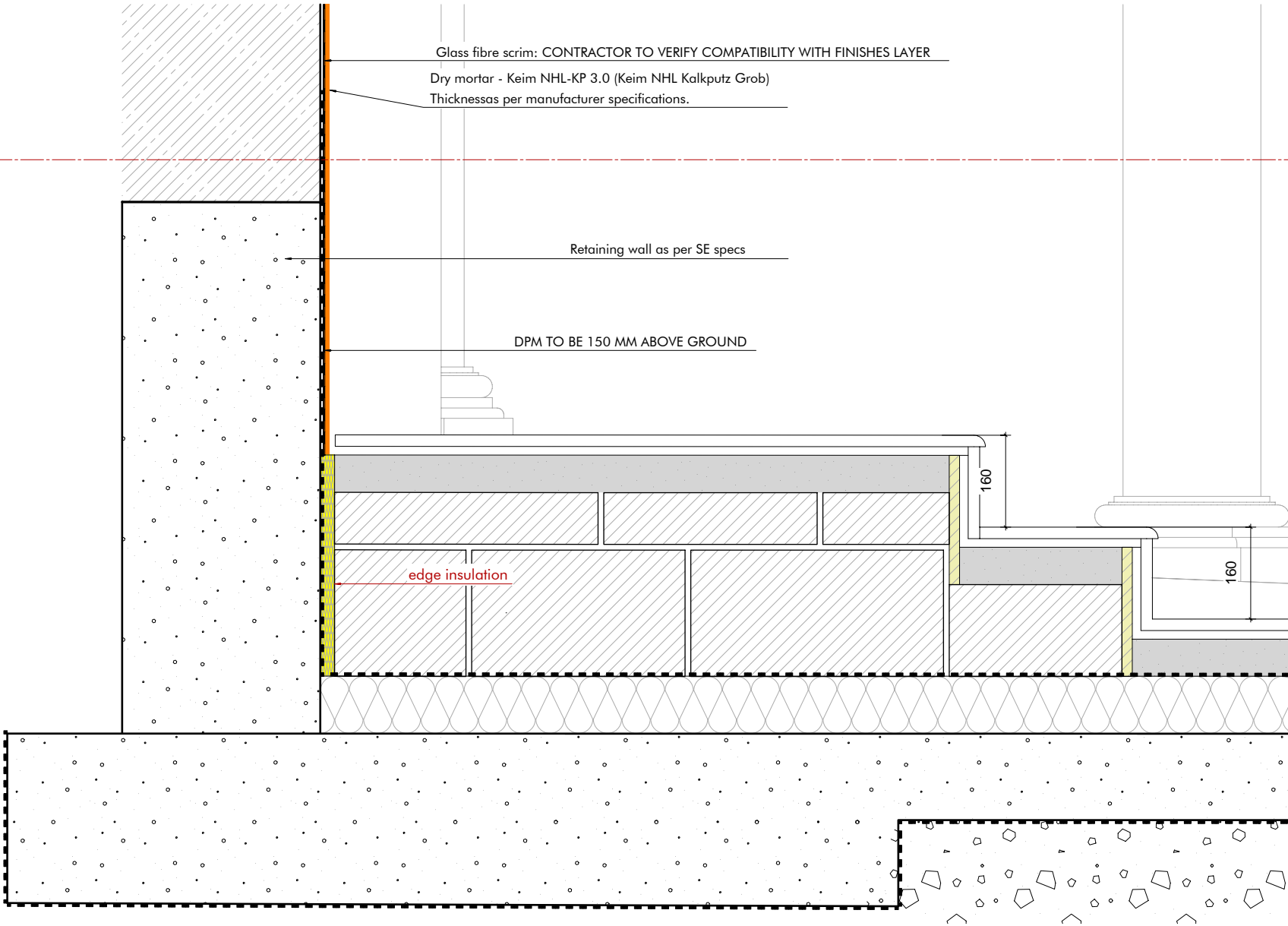
Ground slab rear detail

scale 1:10 @A4



Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
26 Jay Mews	London SW7	Proconstruction LTD	Archetypes Design
DRAWING TITLE	Ground slab rear Detail		
DRAWING NO	AD22.06 CBE 4419	PURPOSE OF ISSUE:	RIBA STAGE 4
		SCALE:	1:10
		FORMAT:	@ A4

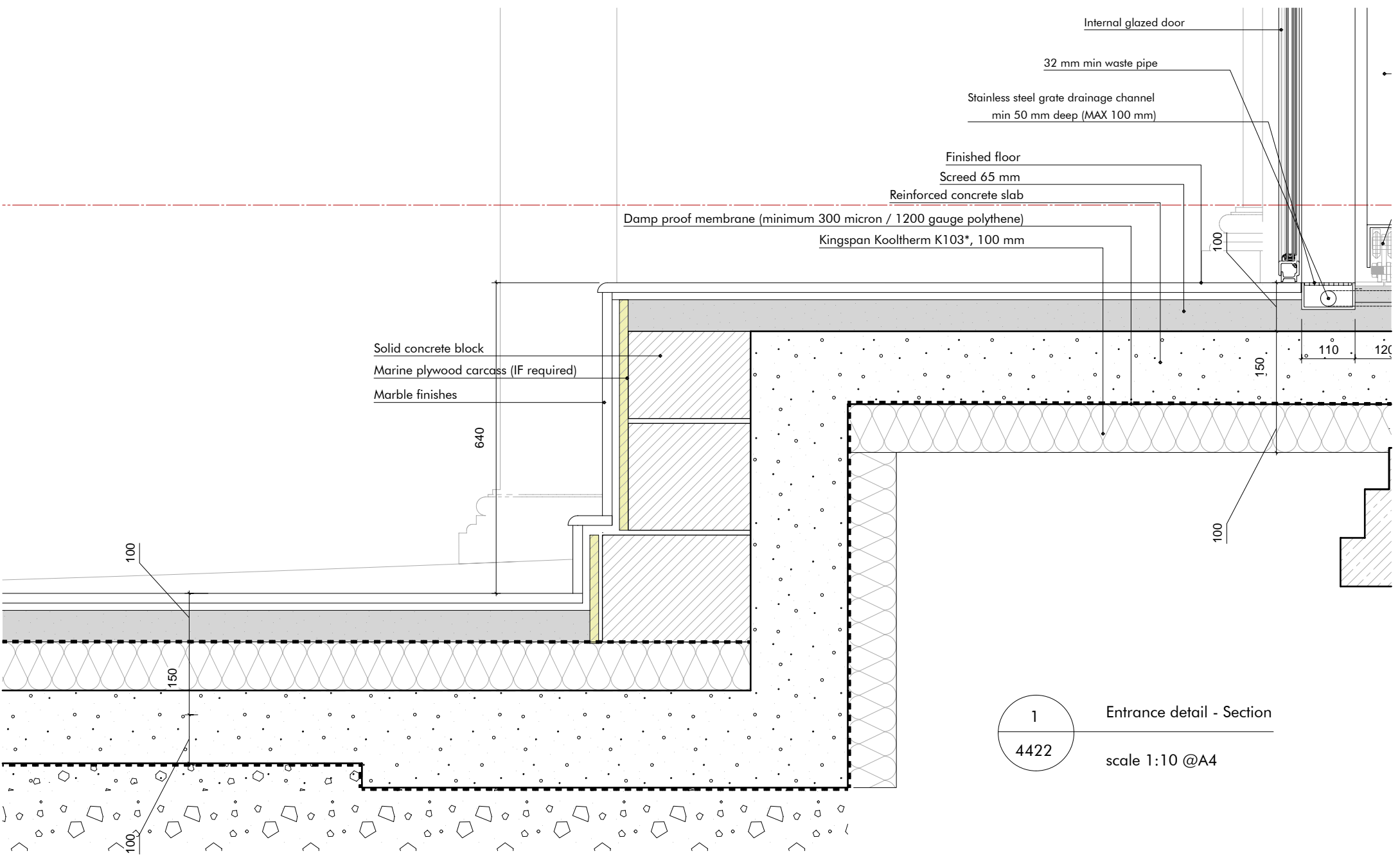


1
4421

Choir detail - Section
scale 1:10 @A4

Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	26 Jay Mews	ADDRESS	London SW7	CLIENT	Proconstruction LTD	ARCHITECT	Archetypes Design
DRAWING TITLE	Choir Detail						
DRAWING N°	AD22.06 CBE 4421	PURPOSE OF ISSUE:	RIBA STAGE 4	SCALE:	1:10	FORMAT:	@ A4



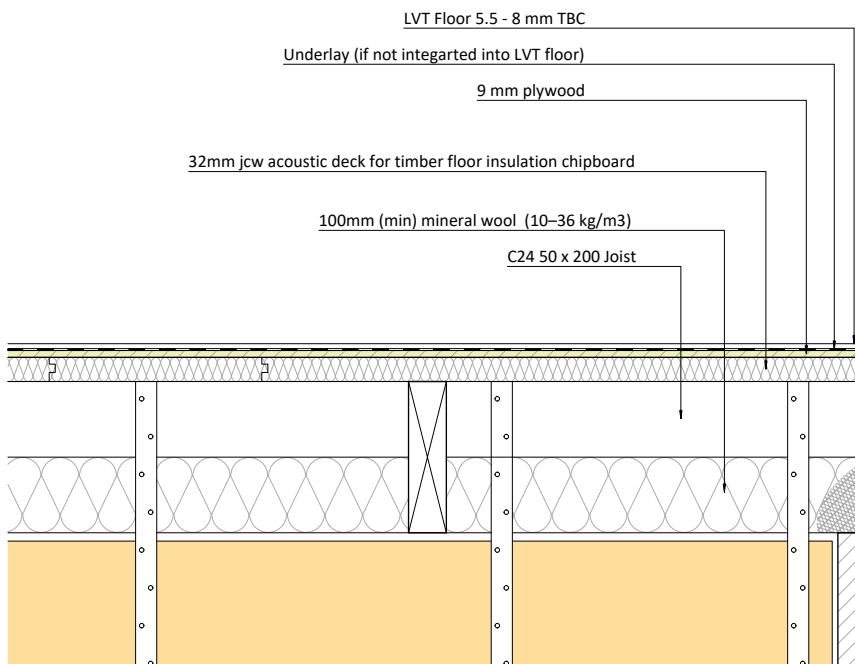
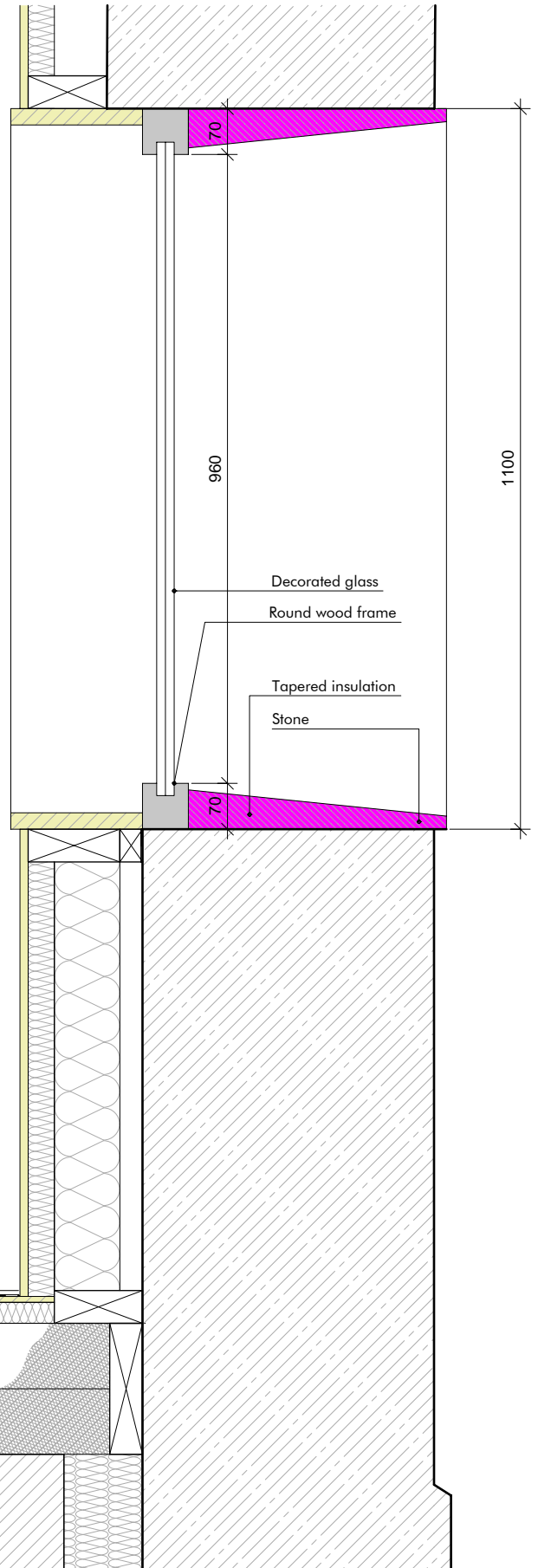
1 Entrance detail - Section
4422 scale 1:10 @A4

Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

PROJECT	ADDRESS	CLIENT	ARCHITECT
26 Jay Mews	London SW7	Proconstruction LTD	Archetypes Design
DRAWING TITLE			
Entrance Detail			
DRAWING N°			
AD22.06 CBE 4422			
PURPOSE OF ISSUE:			
RIBA STAGE 4			
SCALE:			
1:10 @ A4			

1
4423

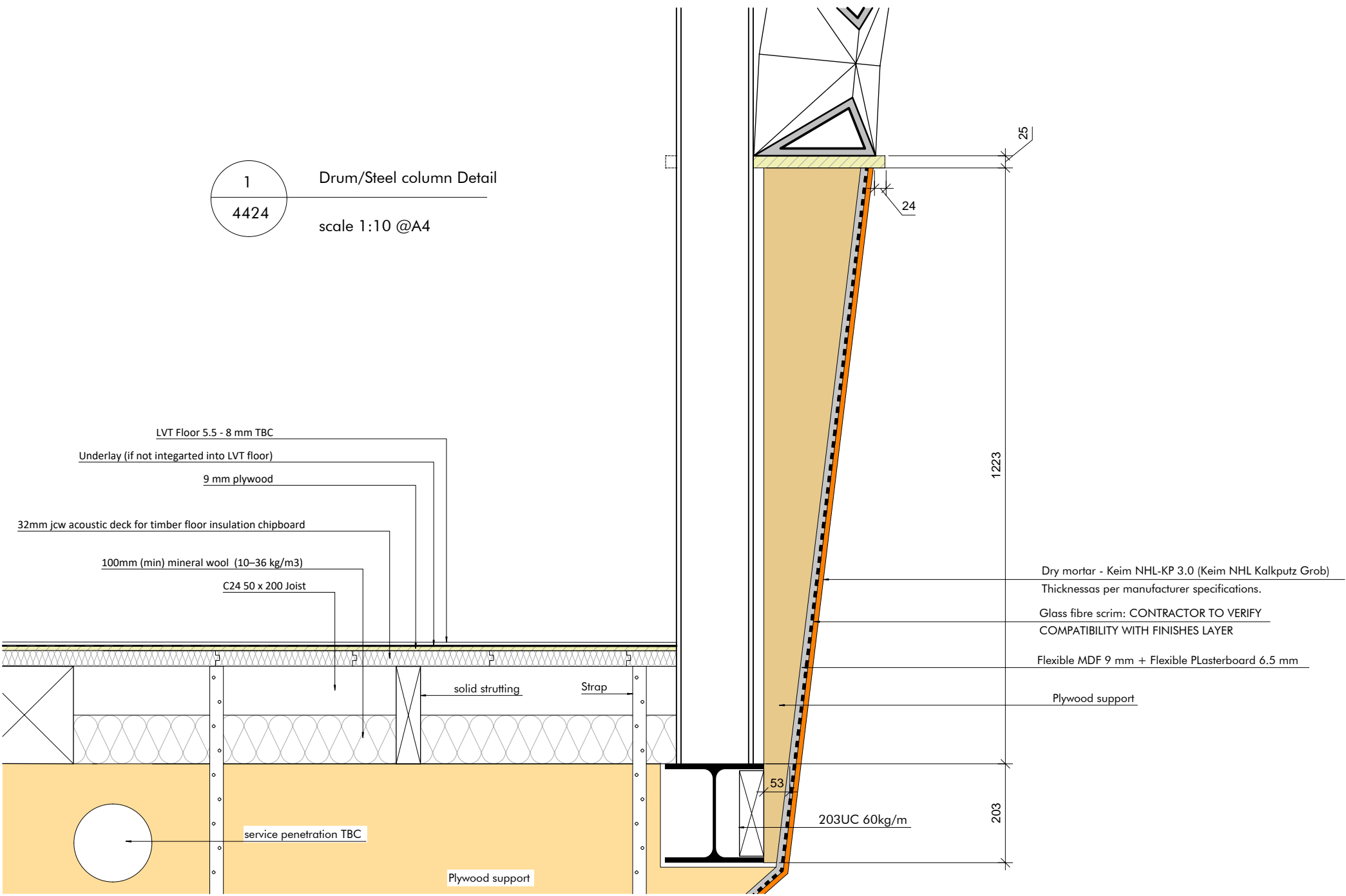
Rose window detail - Section
scale 1:10 @A4



1
4424

Drum/Steel column Detail

scale 1:10 @A4



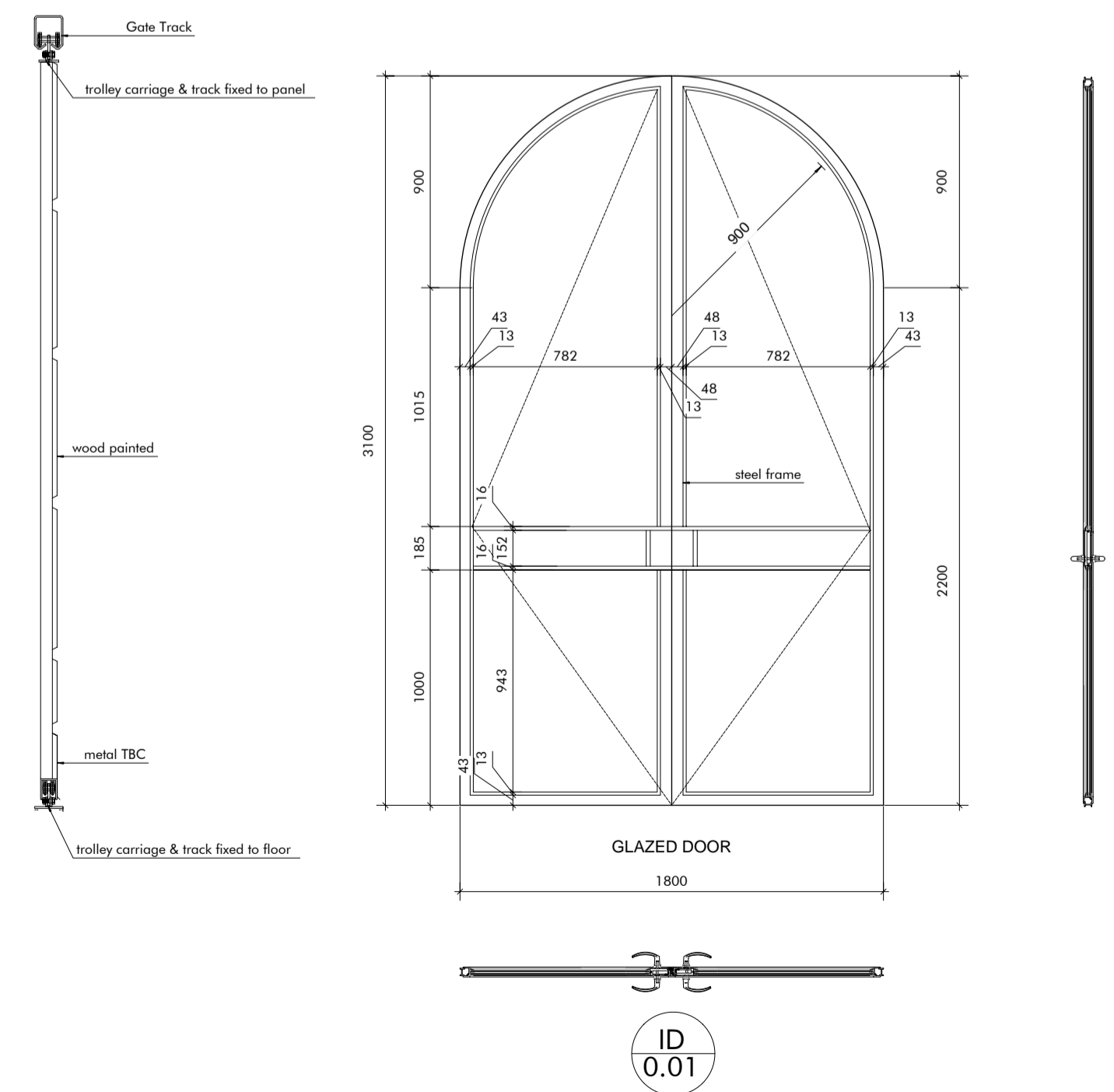
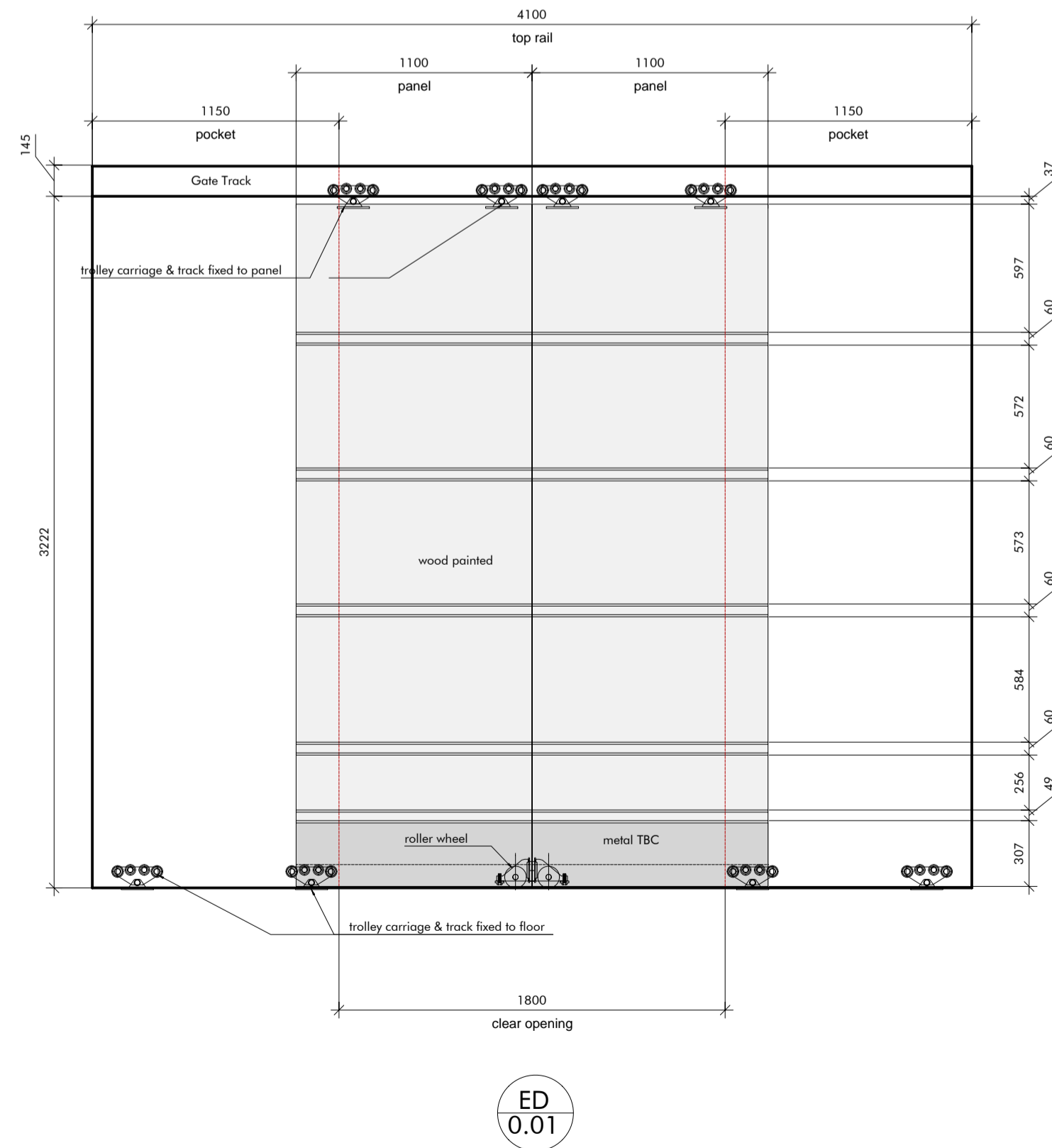
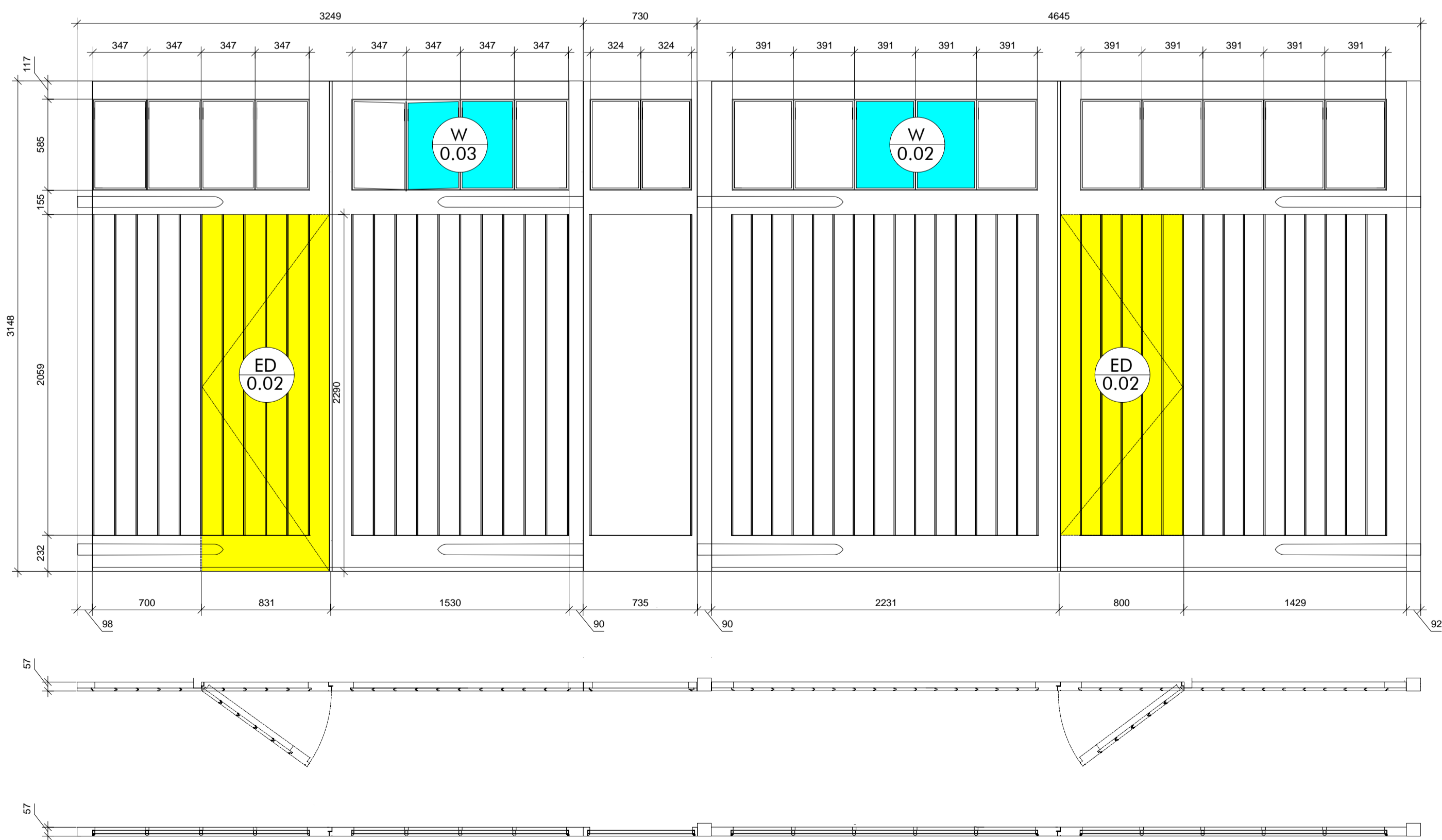
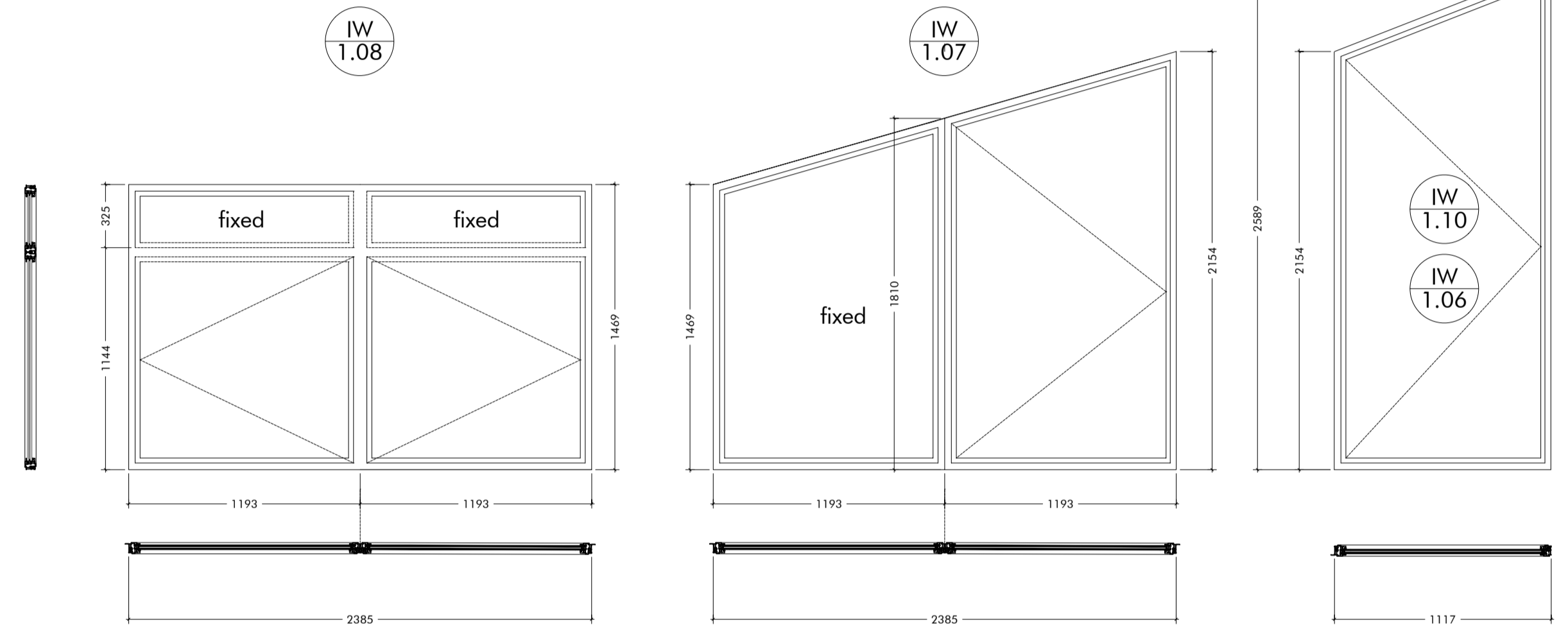
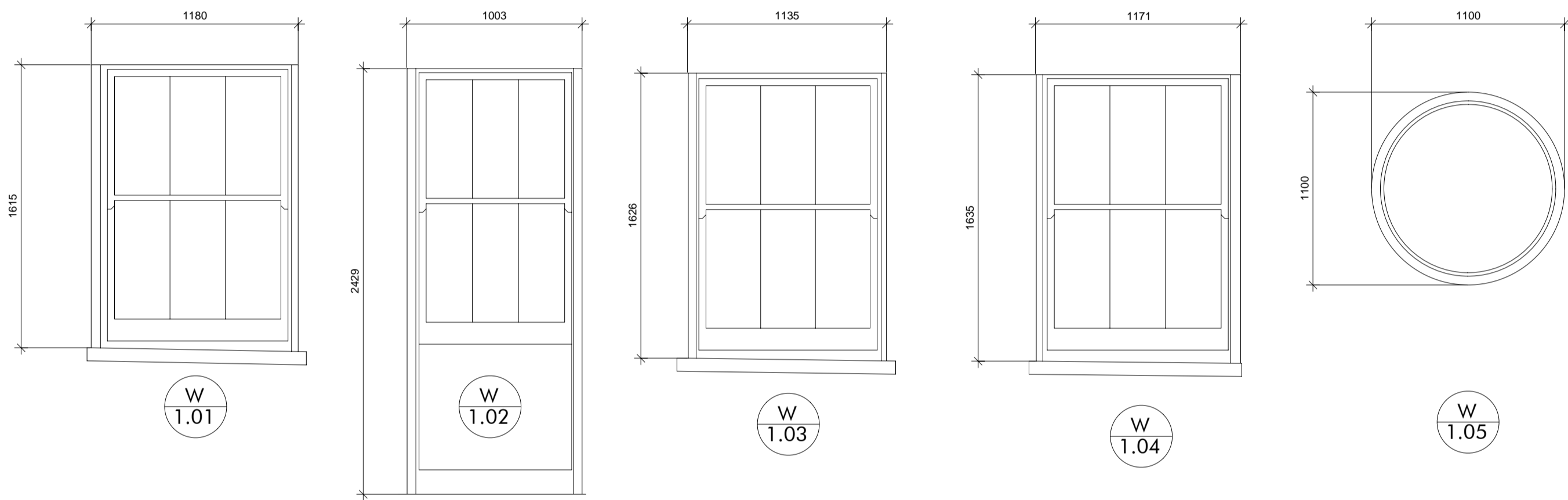
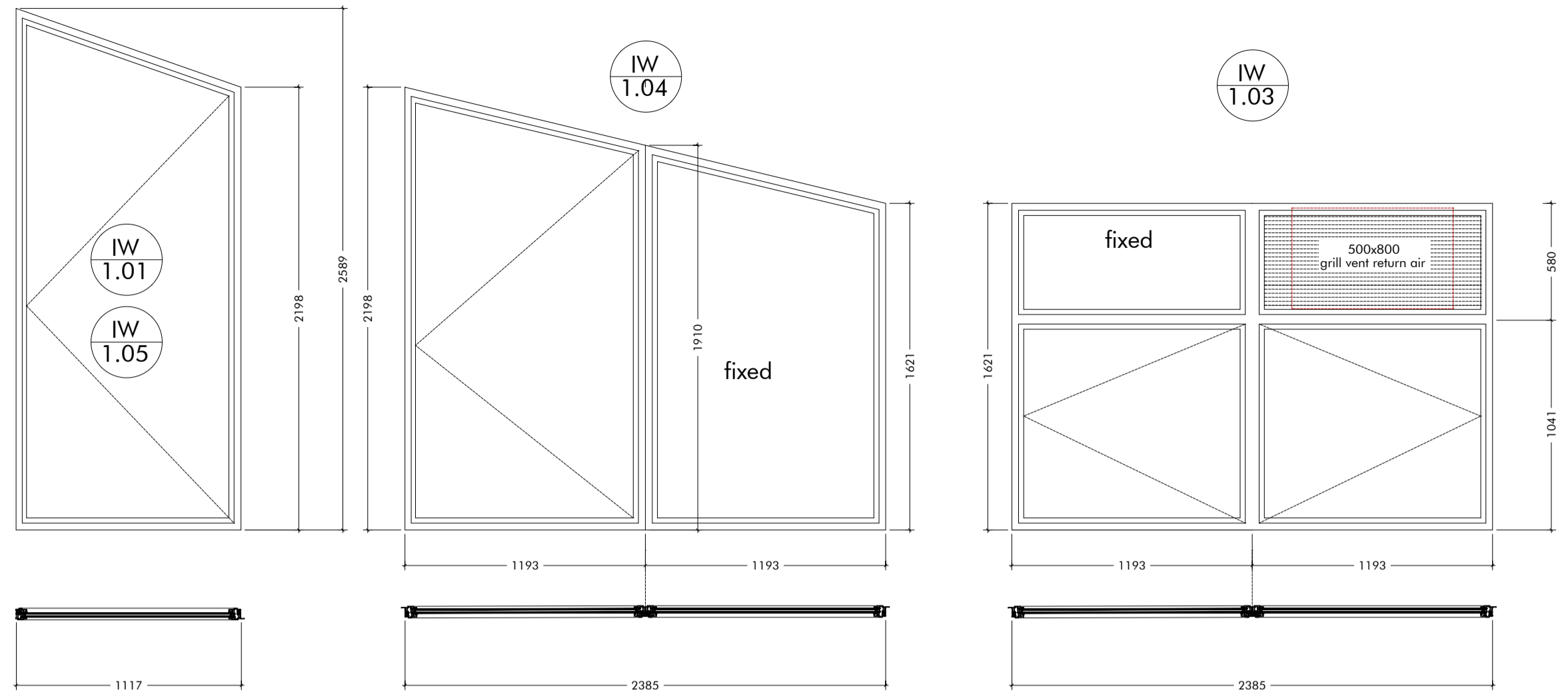
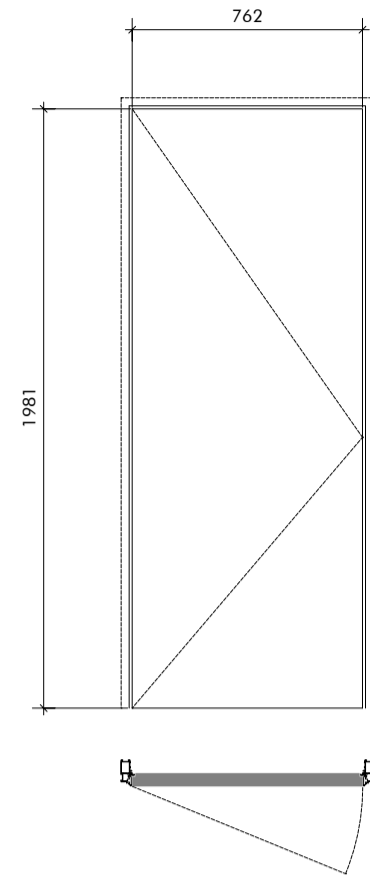
Revision	Release date	Drawn/Checked	NOTES
A	07/05/2024	CB	Stage 4 Final Issue

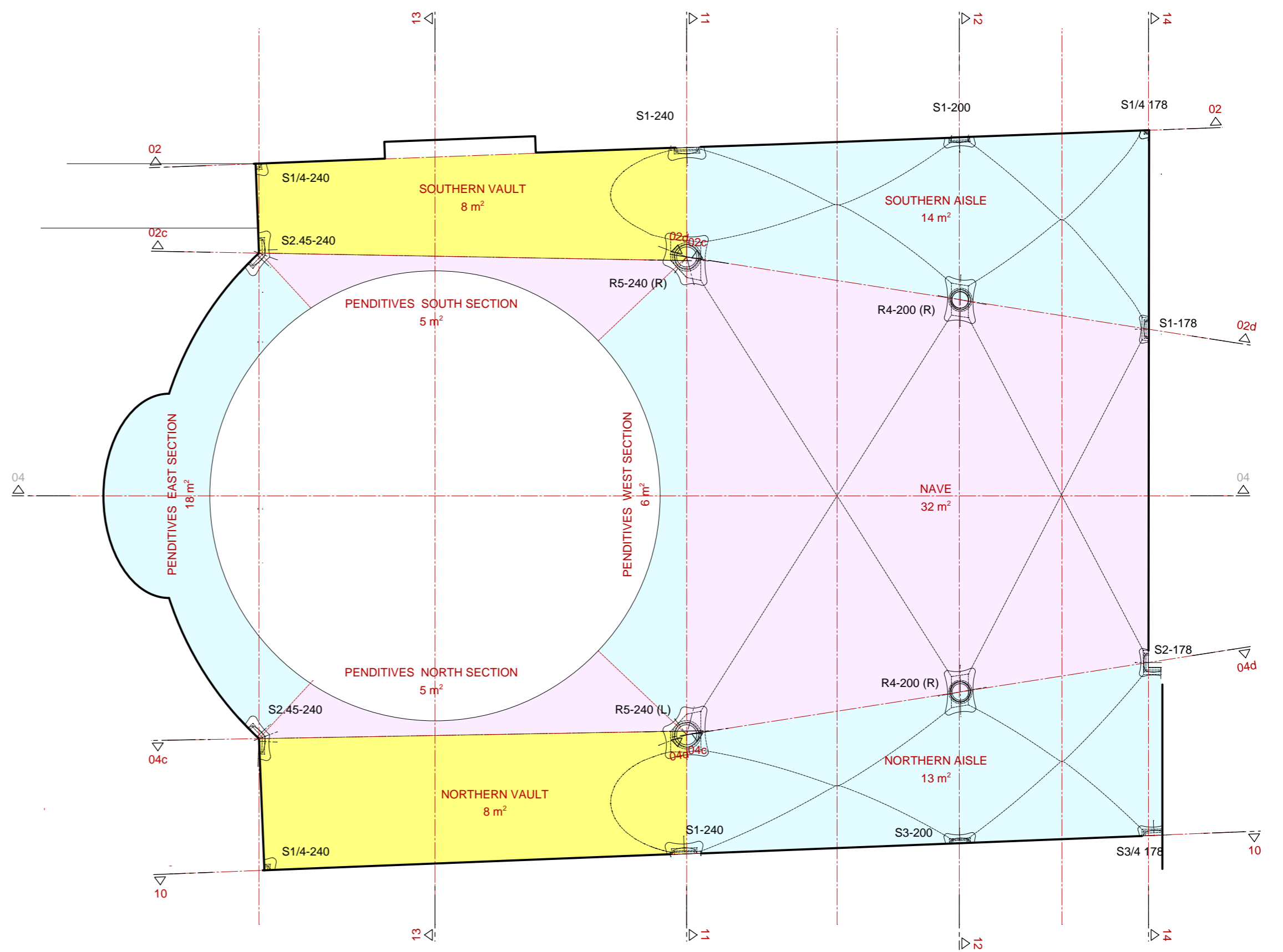
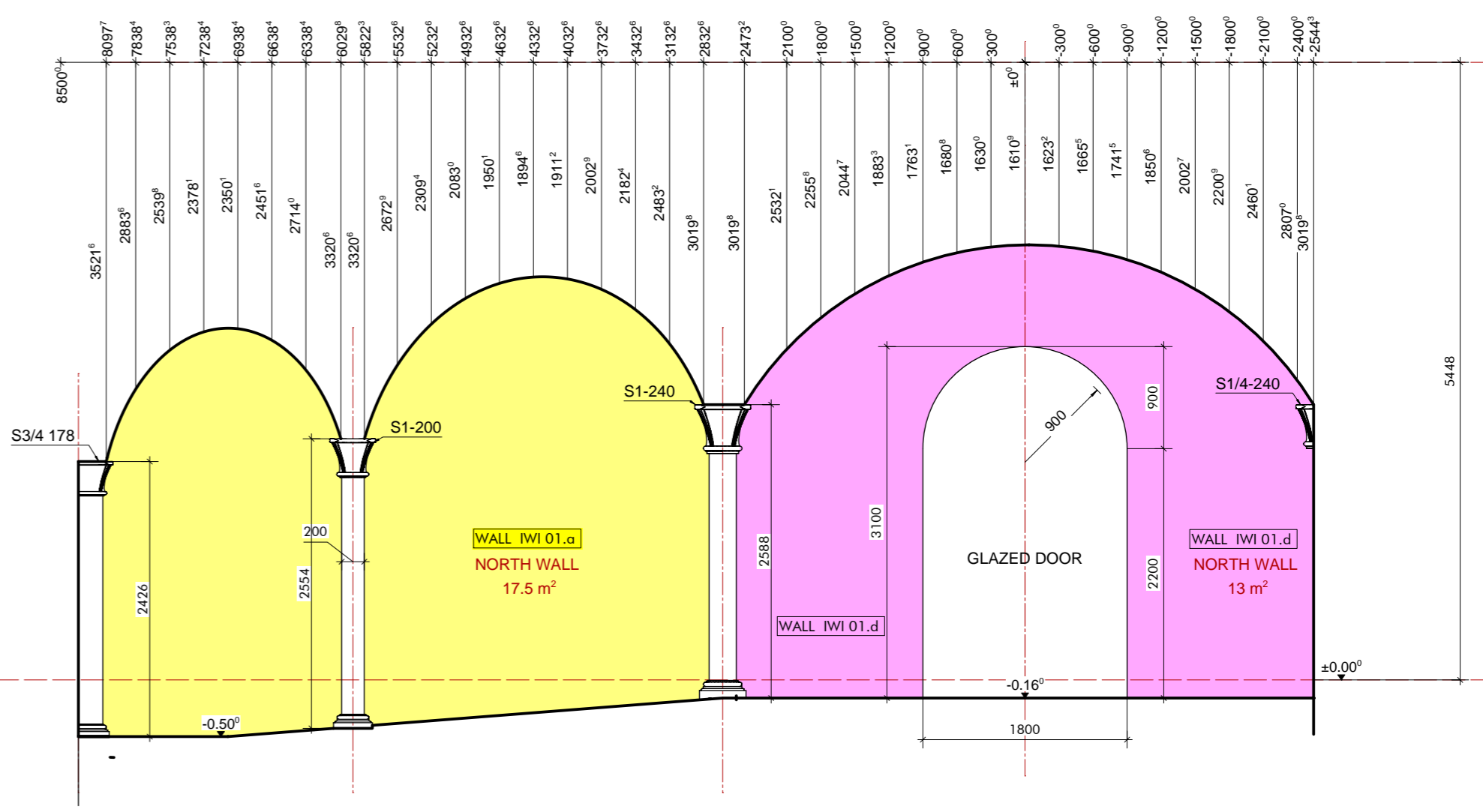
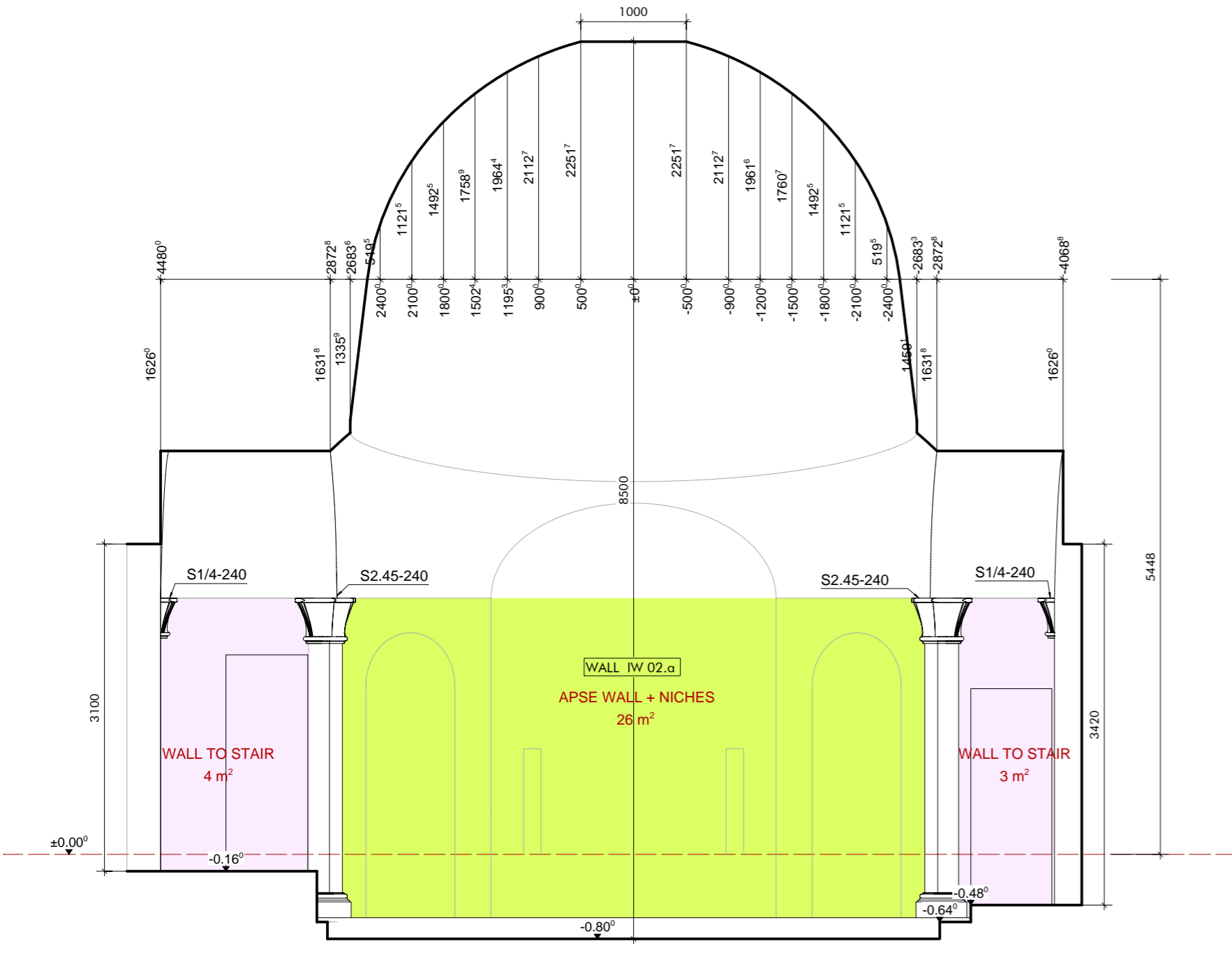
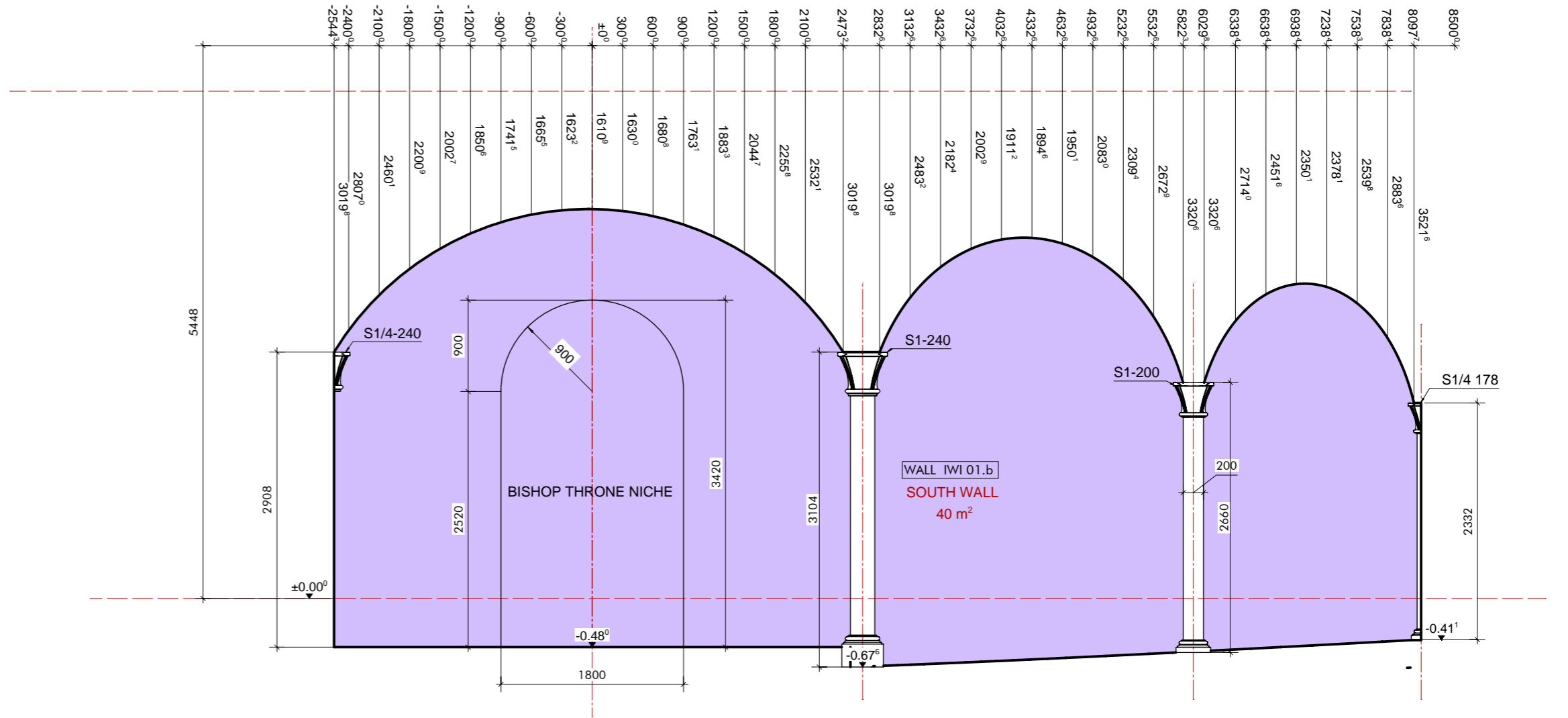
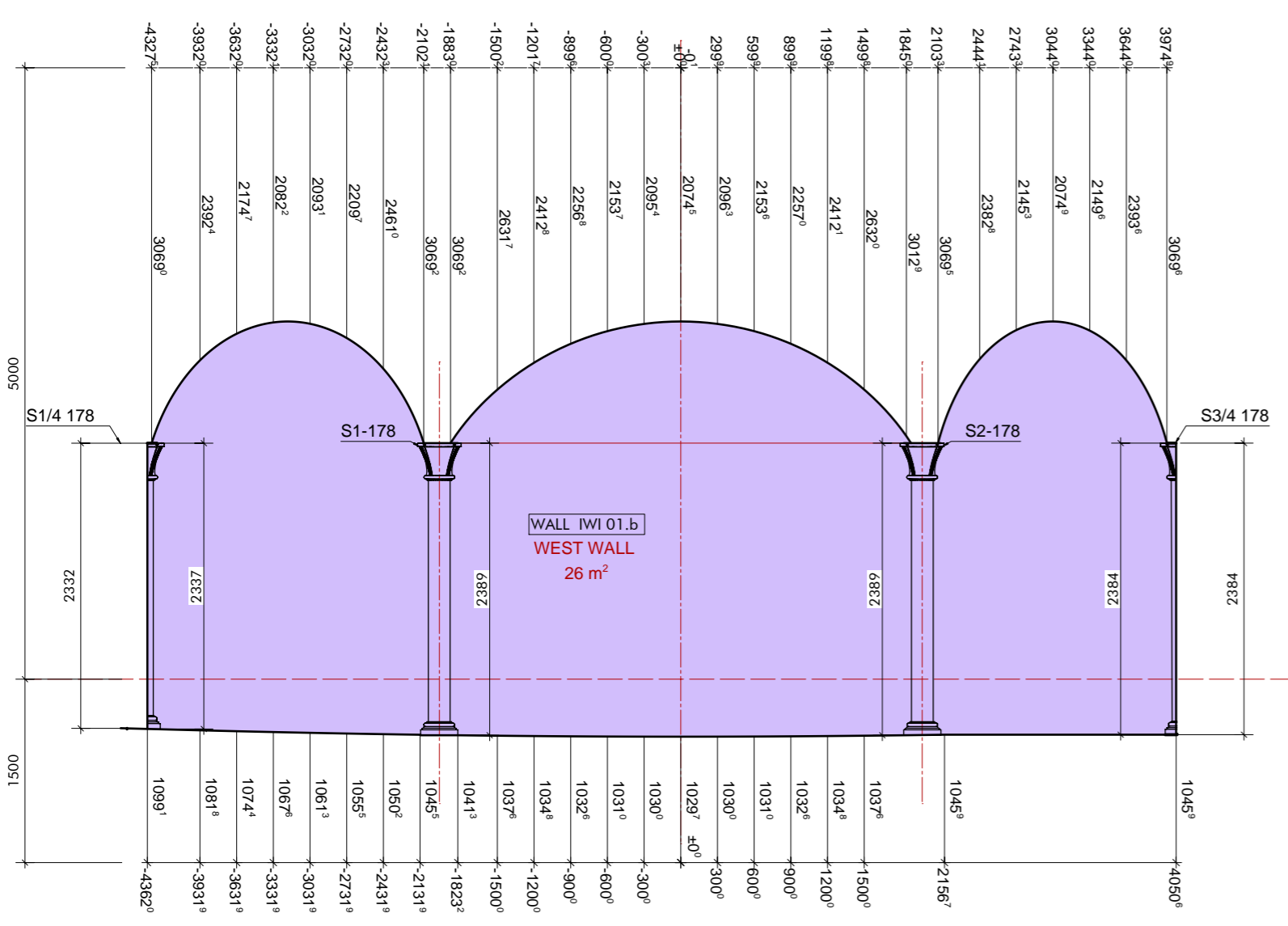
PROJECT	ADDRESS	CLIENT	ARCHITECT
26 Jay Mews	London SW7	Proconstruction LTD	Archetypes Design
DRAWING TITLE	Drum/Steel column Detail		
DRAWING NO.	AD22.06 CBE 4424	PURPOSE OF ISSUE:	RIBA STAGE 4
SCALE:	1:10	FORMAT:	@ A4

1 Doors and windows schedule
4500 scale 1:25 @A1

ID 0.02 ID 0.02 ID 1.01

HIDDEN DOOR





1 Walls and curved ceilings schedule
4500 scale 1:50 @A1

