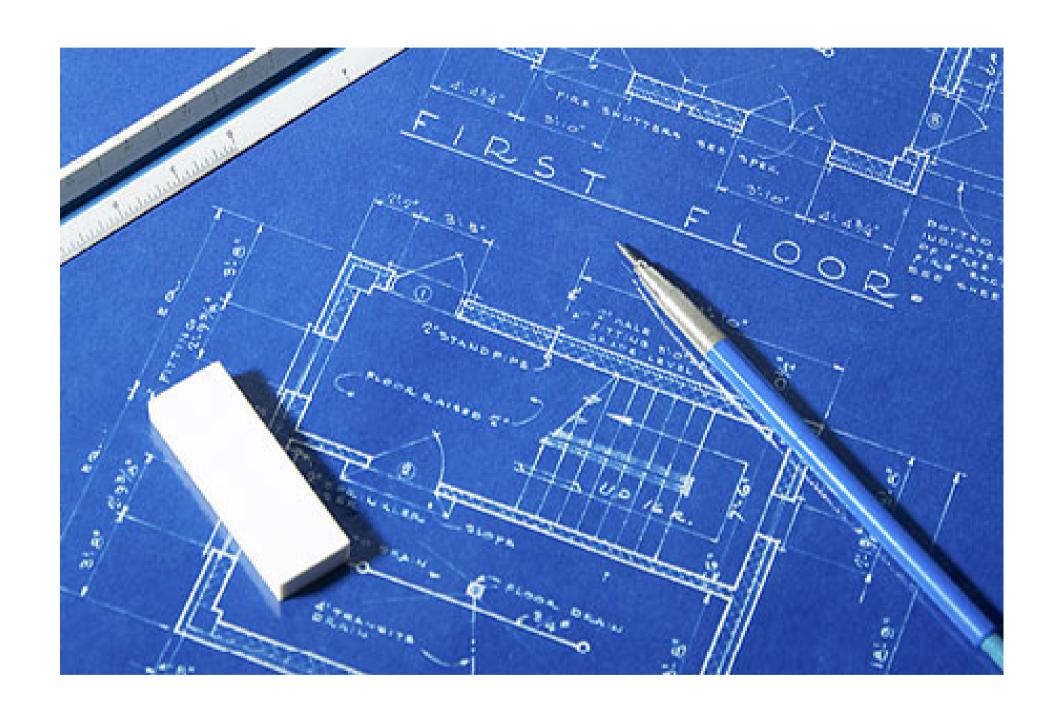
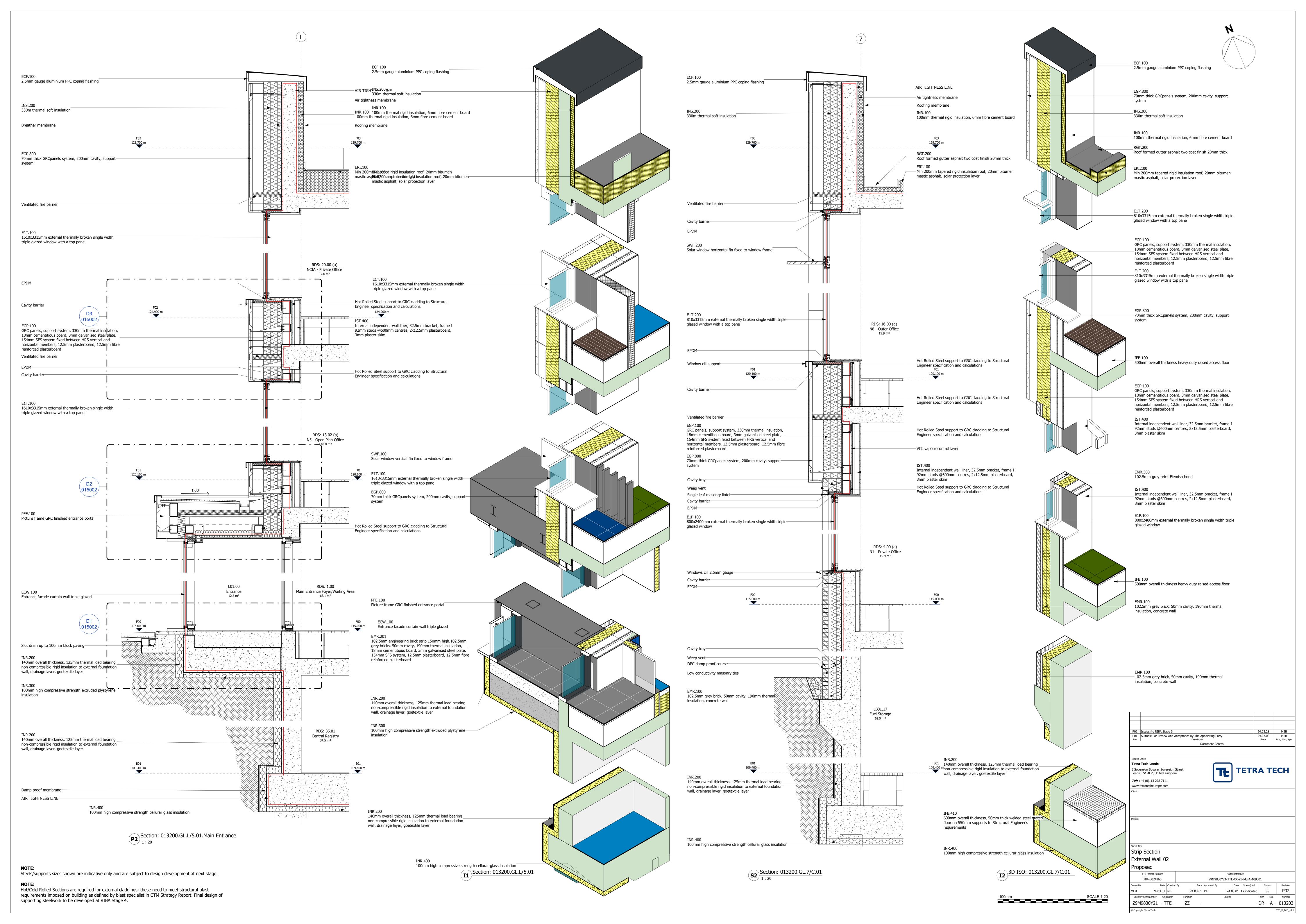
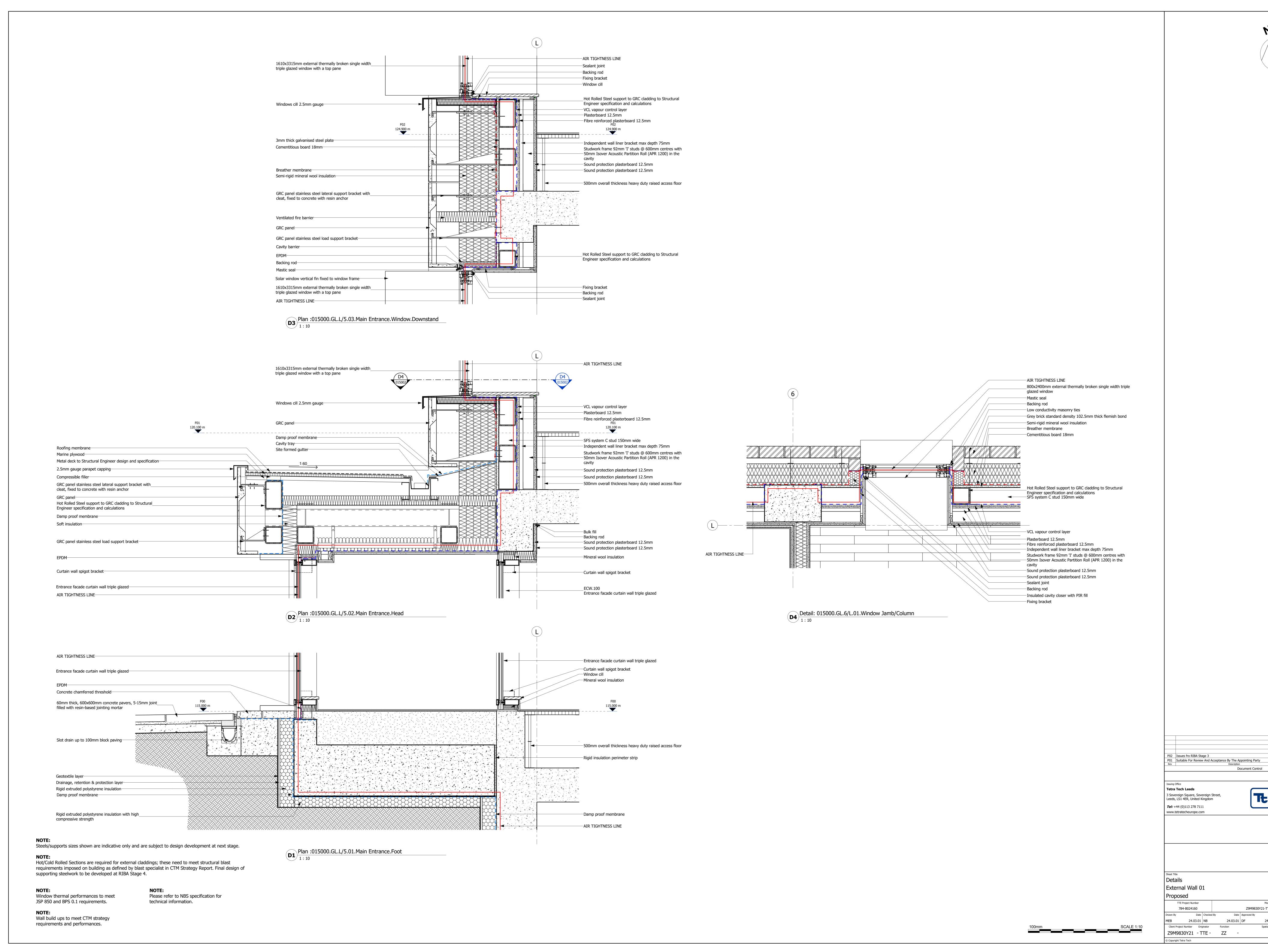
# TECHNICAL PORTFOLIO



**EXAMPLES** 





24.03.28 MEB
24.02.08 MEB
Date Drn / Chk / App

Z9M9830Y21-TTE-XX-ZZ-M3-A-109001

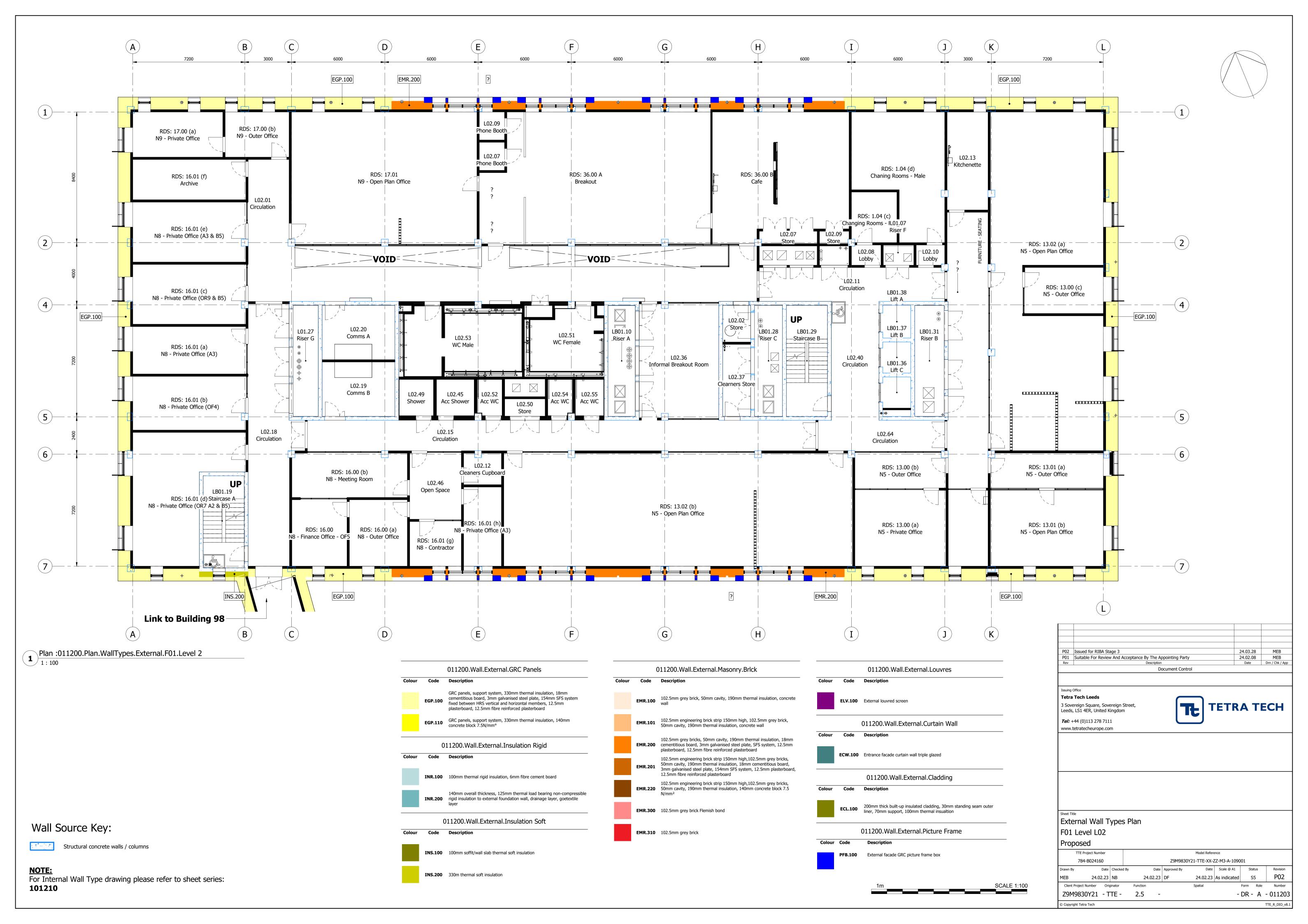
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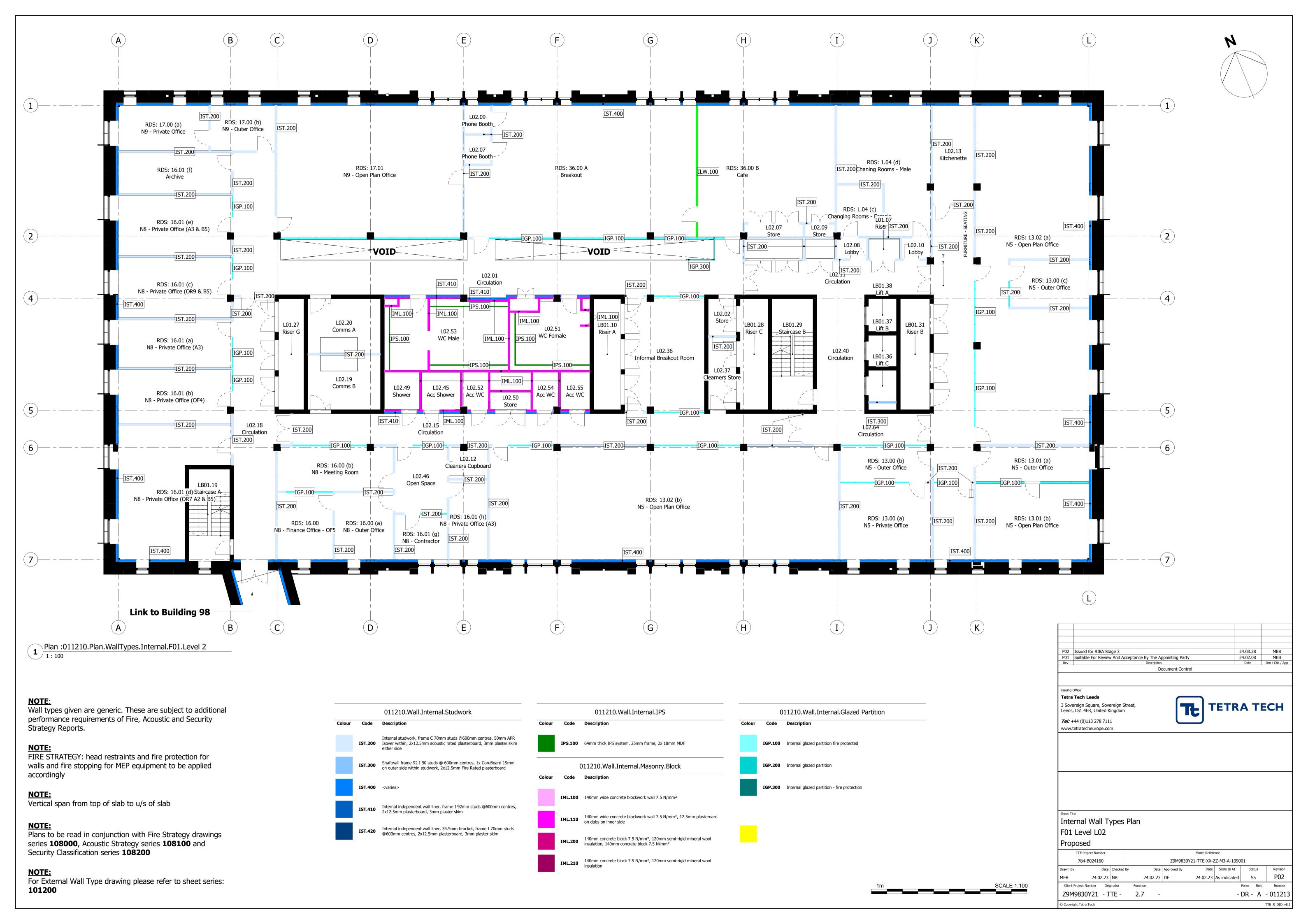
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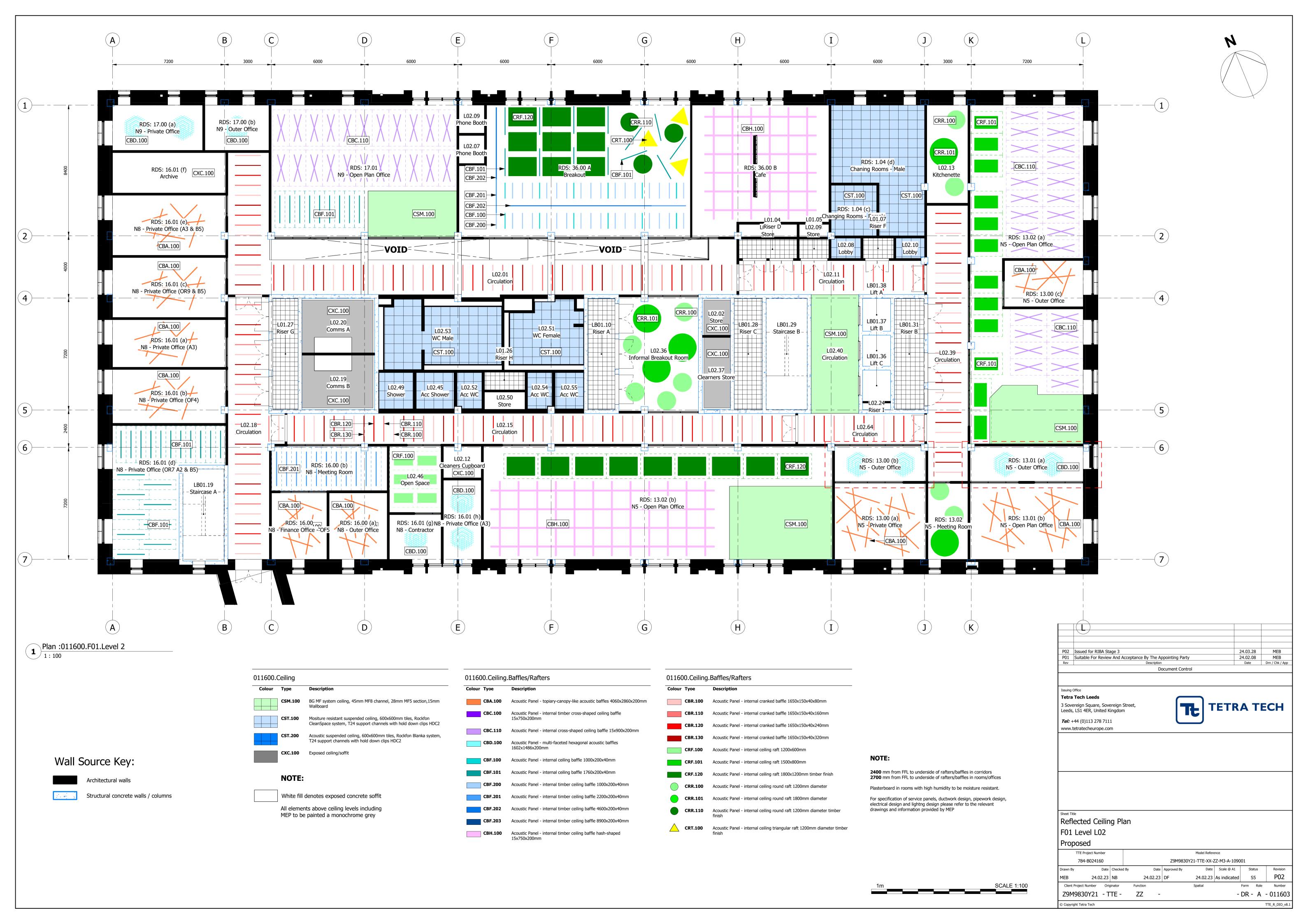
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TTE\_R\_DIO\_v8.1

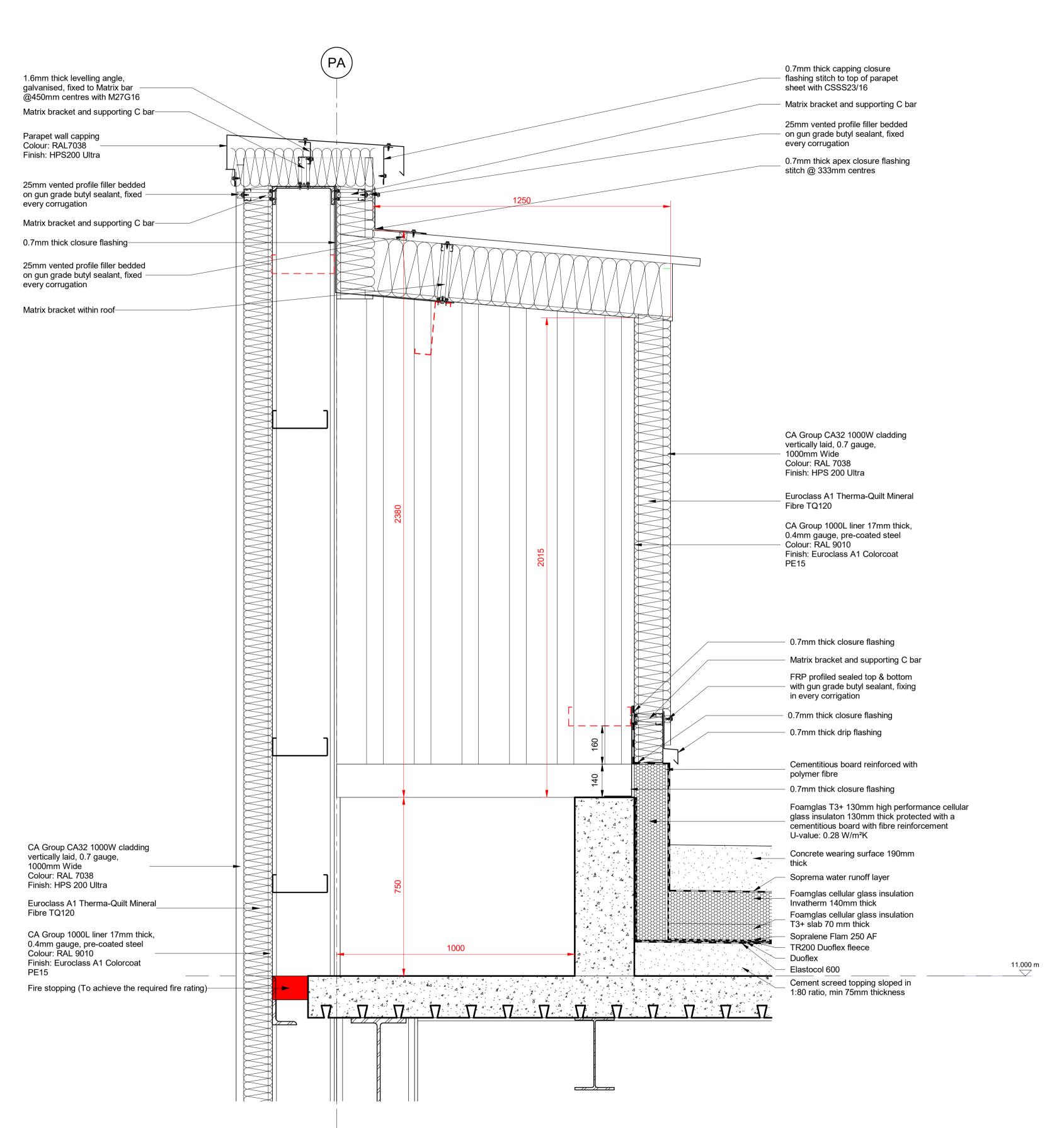
24.03.01 As indicated S5 P02





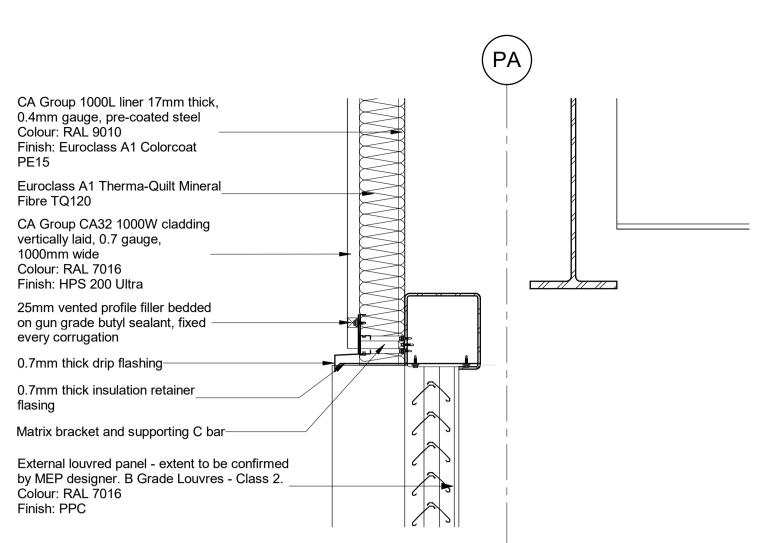






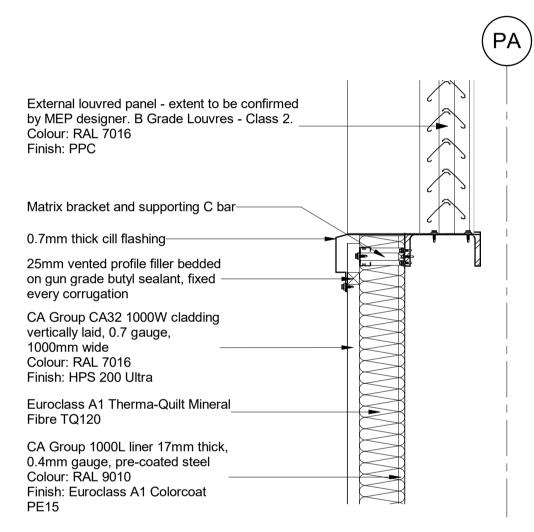
STRIP.DETAIL.PA.P02.01.04.Parapet/Lean-to Detail 1 - Enclosure/Upstand

1:10



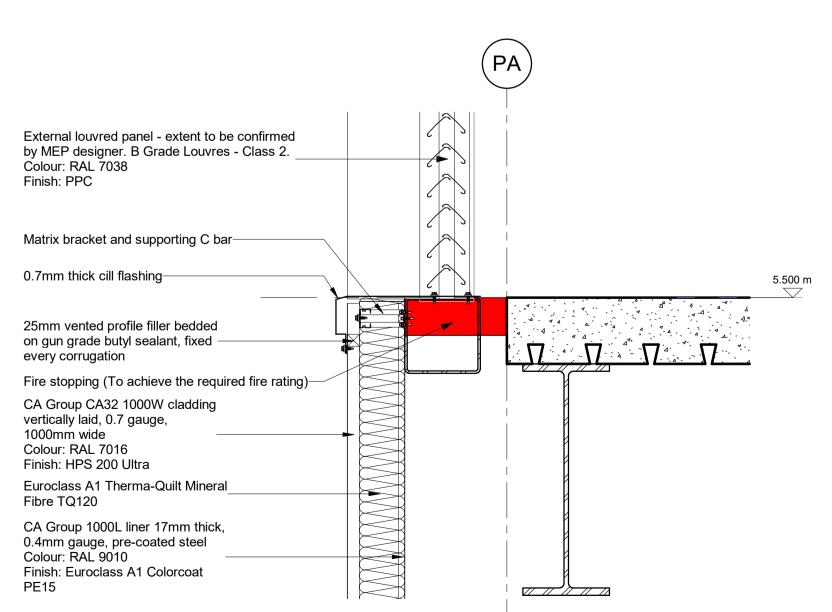
# Detail 2 - Louvres Head (SHS)

1:10



### **Detail 3 - Louvres Base (PFC)**

1:10



# Detail 4 - Louvre Base (SHS)

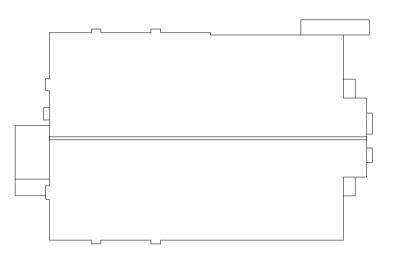
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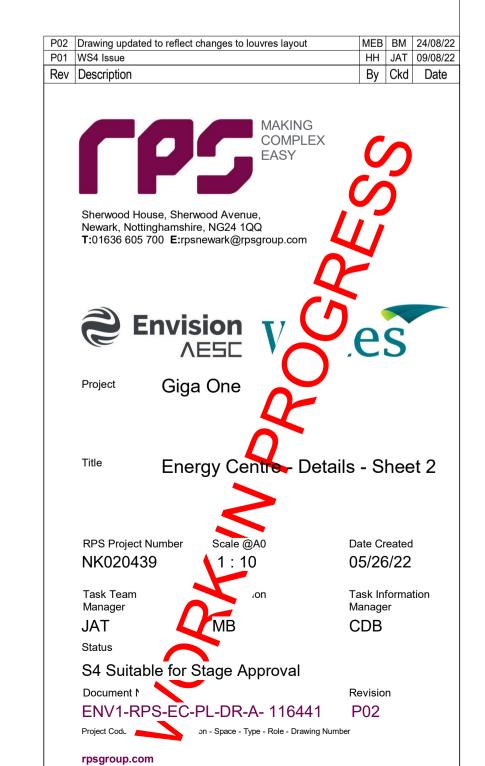
### © 2022 RPS Group

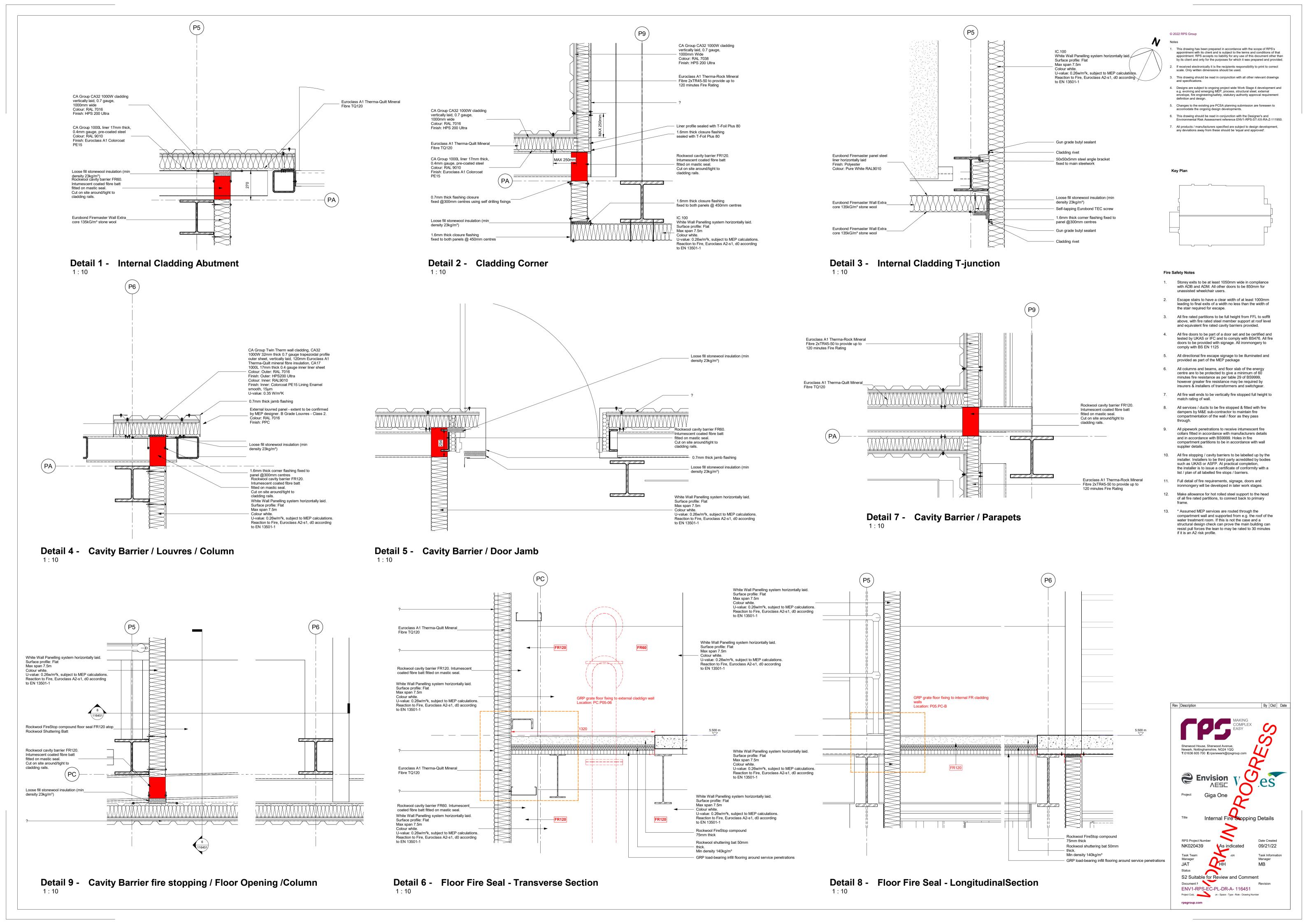
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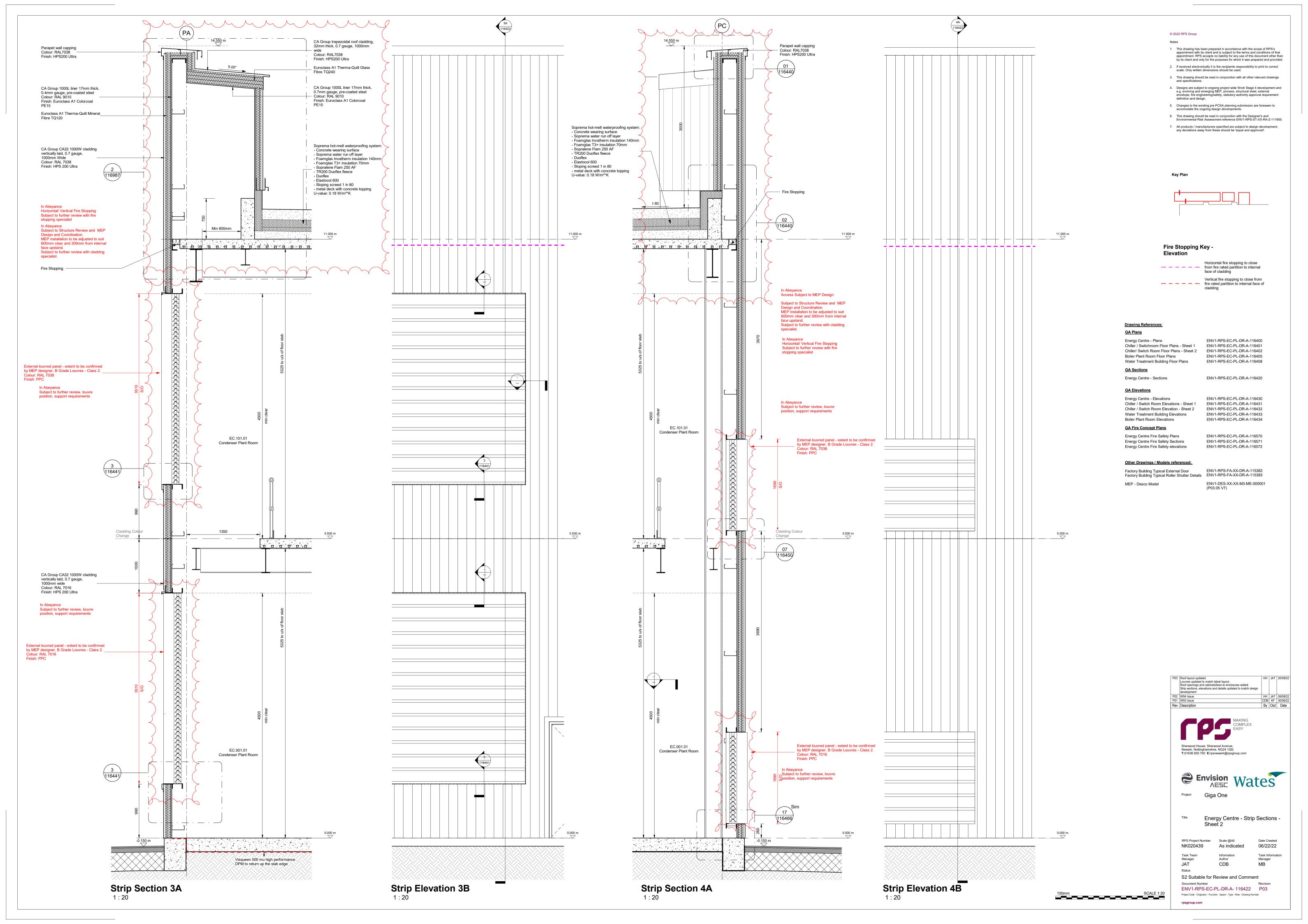
- This drawing has been prepared in accordance with the scope of RPS's appointment with its client and is subject to the terms and conditions of that appointment. RPS accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.
- If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.
- This drawing should be read in conjunction with all other relevant drawings and specifications.
- Designs are subject to ongoing project wide Work Stage 4 development and e.g. evolving and emerging MEP, process, structural steel, external envelope, fire engineering/safety, statutory authority approval requirement definition and design.
- Changes to the existing pre PCSA planning submission are foreseen to accommodate the ongoing design developments.
- 6. This drawing should be read in conjunction with the Designer's and Environmental Risk Assessment reference ENV1-RPS-ST-XX-RA-Z-111950.
- All products / manufacturers specified are subject to design development, any deviations away from these should be 'equal and approved'.

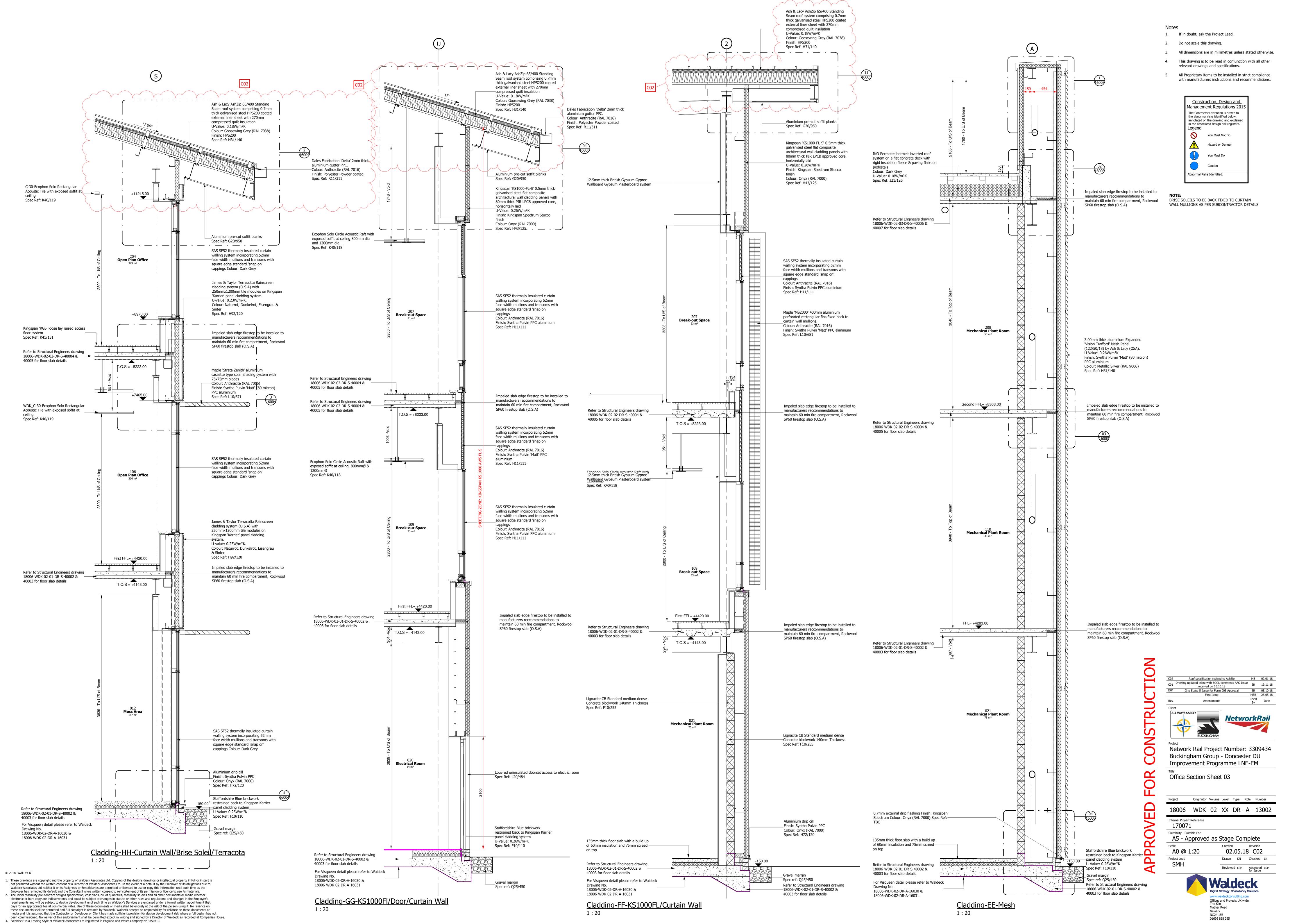


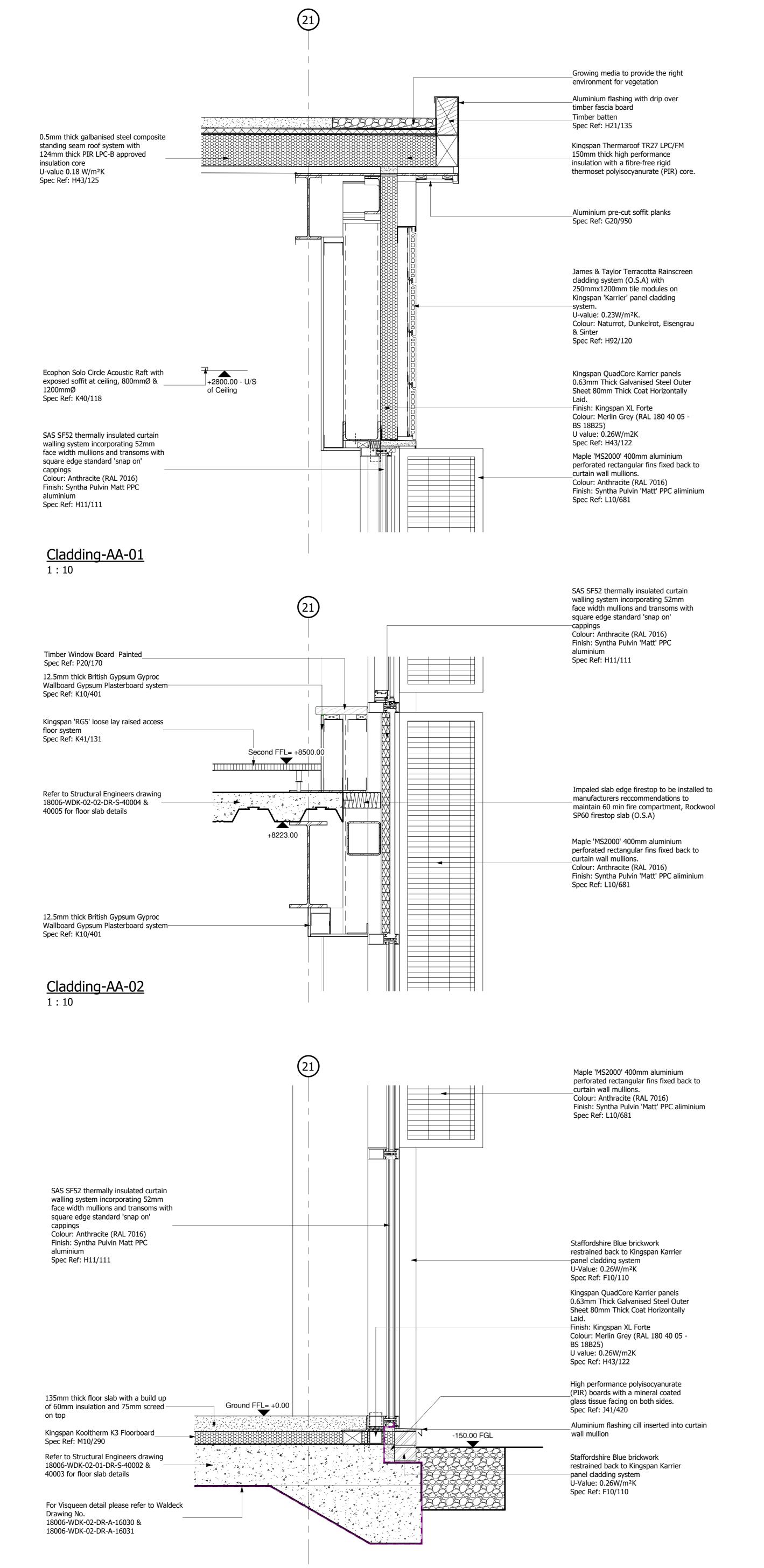












## Cladding-AA-03

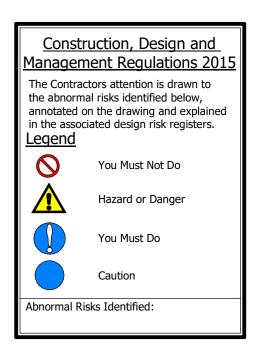
 $\frac{1}{1}:10$ 

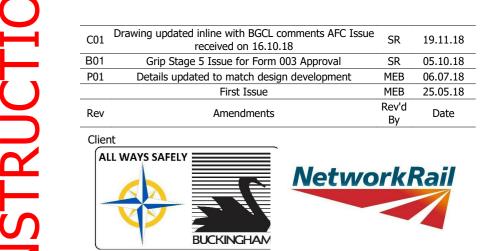
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<u>otes</u>

- If in doubt, ask the Project Lead.
- . Do not scale this drawing.
- All dimensions are in millimetres unless stated otherwise.
- 4. This drawing is to be read in conjunction with all other relevant drawings and specifications.
- All Proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.





Network Rail Project Number: 3309434
Buckingham Group - Doncaster DU
Improvement Programme LNE-EM

Office Details Sheet 01 - AA

Project Originator Volume Level Type Role Number

18006 - WDK - 02 - XX - DR - A - 16000

Internal Project Reference
170071

Suitability | Suitable For
A5 - Approved as Stage Complete

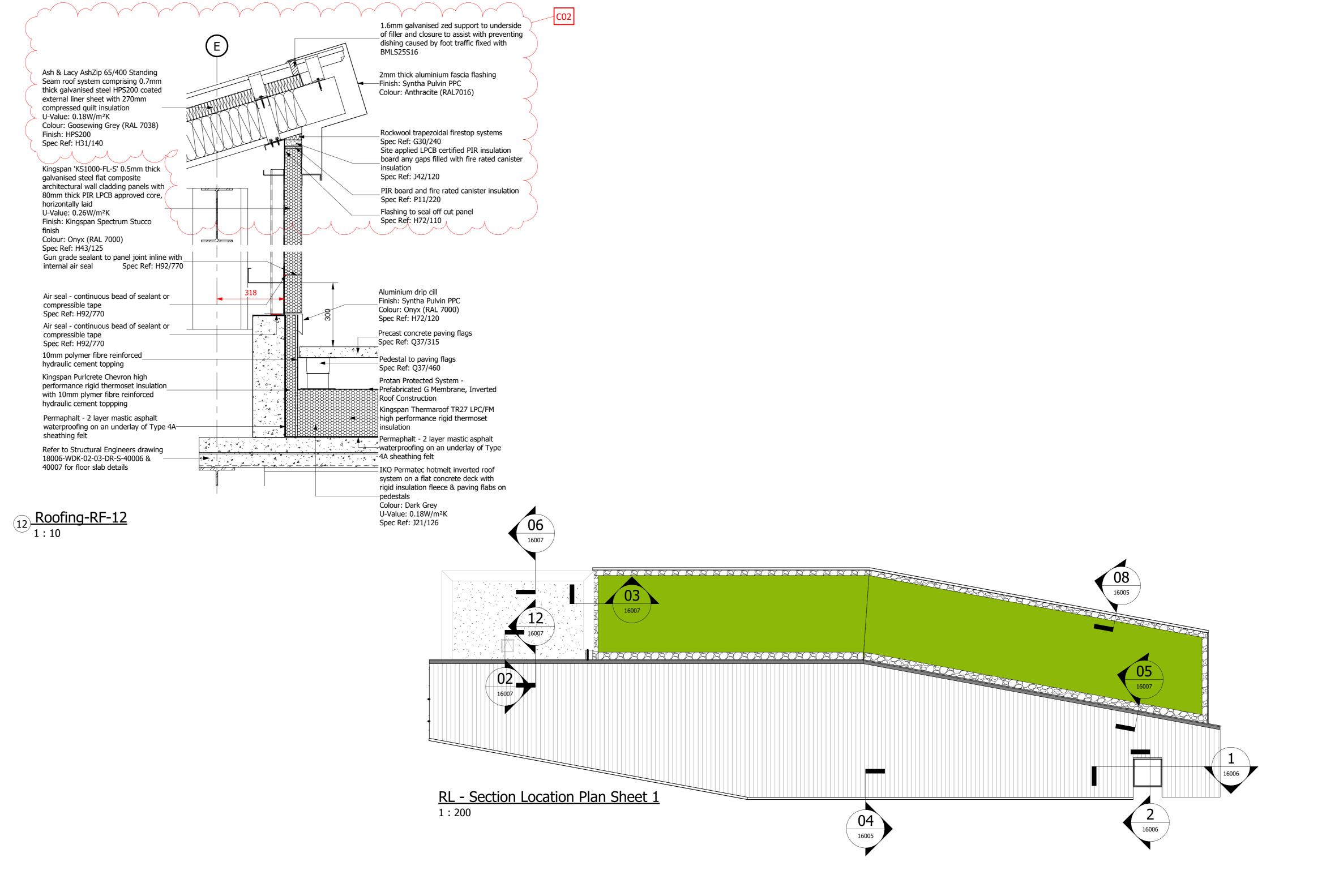
Scale Created Revision
A1 @ 1:10

Drawn KN Checked LK

SMH



Aluminium drip cill Finish: Syntha Pulvin PPC Colour: Onyx (RAL 7000) Aluminium flashing to fascia— Spec Ref: H72/120 PIR board and fire rated canister insulation Spec Ref: P11/220 Kingspan 'KS1000RW' 0.5mm thick Ash and Lacy expanded mesh support galvanised steel trapezoidal composite system - Ashstrut/Ashstrut cleat architectural wall cladding panels with 80mm thick PIR LPCB approved core, horizontally laid U-Value: 0.25W/m<sup>2</sup>K Finish: Kingspan Spectrum Colour: Onyx (RAL 7000) Spec Ref: H43/125 Aluminium drip cill Finish: Syntha Pulvin PPC Colour: Onyx (RAL 7000) Spec Ref: H72/120 3.00mm thick aluminium Expanded 'Vision Trafford' Mesh Panel Kingspan Purlcrete Chevron high (122/50/18) by Ash & Lacy (OSA). performance rigid thermoset insulation U-Value: 0.26W/m<sup>2</sup>K with 10mm plymer fibre reinforced Finish: Syntha Pulvin 'Matt' (80 micron) hydraulic cement toppping PPC aluminium Colour: Metallic Silver (RAL 9006) Air seal - continuous bead of sealant or Spec Ref: H31/140 compressible tape Spec Ref: H92/770 Gun grade sealant to panel joint inline with internal air seal Spec Ref: H92/770 10mm polymer fibre reinforced hydraulic cement topping Pedestal to paving flags Spec Ref: Q37/460 Ash and Lacy expanded mesh support system - Ashstrut/Ashstrut cleat IKO Permatec hotmelt inverted roof system on a flat concrete deck with rigid insulation fleece & paving flabs on pedestals Colour: Dark Grey U-Value: 0.18W/m<sup>2</sup>K Impaled slab edge firestop to be installed to Spec Ref: J21/126 manufacturers reccommendations to maintain 60 min fire compartment, Rockwool Refer to Structural Engineers drawing SP60 firestop slab (O.S.A) 18006-WDK-02-03-DR-S-40006 & 40007 for floor slab details Kingspan Purlcrete Chevron high performance rigid thermoset insulation Permaphalt - 2 layer mastic asphalt with 10mm plymer fibre reinforced waterproofing on an underlay of Type hydraulic cement toppping



Roofing-RF-03

Drawing updated inline with BGCL comments AFC Issue SR 19.11.18 Network Rail Project Number: 3309434 Buckingham Group - Doncaster DU Improvement Programme LNE-EM Office Building Typical Roof Details 01

Project Lead

Originator Volume Level Type Role Number 18006 - WDK - 02 - XX - DR - A - 16007 Internal Project Reference 170071 Suitability | Suitable For A5 - Approved as Stage Complete 08.06.18 C02

Roof specification revised to AshZip

received on 16.10.18

Grip Stage 5 Issue for Form 003 Approval SR 05.10.18

1. If in doubt, ask the Project Lead.

Construction, Design and Management Regulations 201 The Contractors attention is drawn to the abnormal risks identified below,

annotated on the drawing and explained

in the associated design risk registers

You Must Not Do

Hazard or Danger

You Must Do

Abnormal Risks Identified:

Caution

<u>Legend</u>

3. All dimensions are in millimetres unless stated otherwise.

4. This drawing is to be read in conjunction with all other

5. All Proprietary items to be installed in strict compliance

with manufacturers instructions and recommendations.

relevant drawings and specifications.

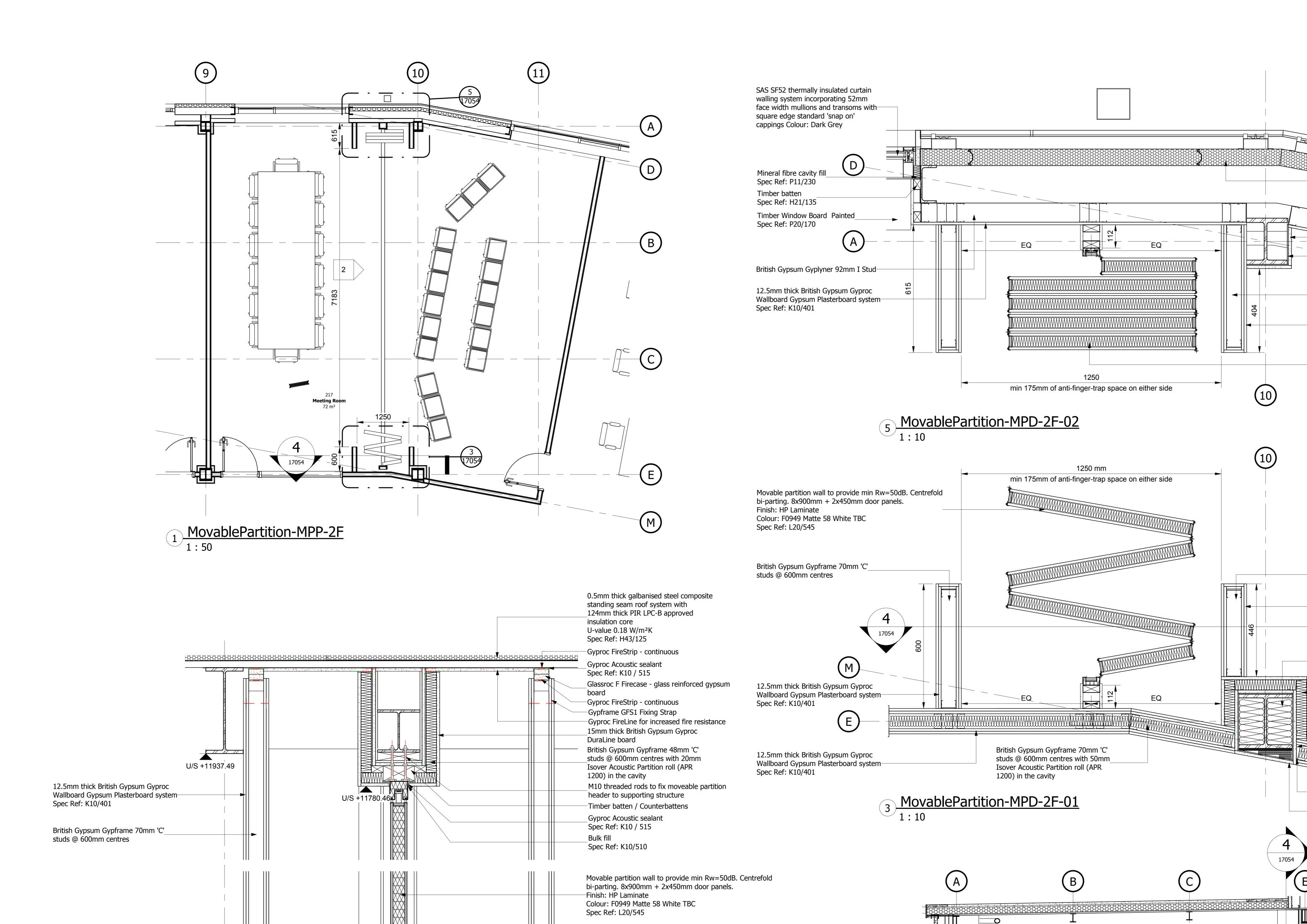
Do not scale this drawing.



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Kingspan 'RG5' loose lay raised access

Raised Access Floor Alpha V Pedestal. Height 20-620mm. Height adjustment -+/- 40mm. Height allowance must be made for cap thickness and adhesive

Refer to Structural Engineers drawing

Kingspan Alpha V pedestals to span 300mm

underneath moveable partition floor track

-18006-WDK-02-02-DR-S-40004 &

40005 for floor slab details

-floor system

Spec Ref: K41/131

layer (in general 5mm).

# 4 MovablePartition-MPS-2F-AA

Second FFL= +8500.00

Gyproc Acoustic sealant

Spec Ref: K10 / 515

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2. The initial feasibility pre-contract designs specification, cost plans, bill of quantities, feasibility studies and all other documents or media whether electronic or hard copy are indicative only and could be subject to changes in statute or other rules and regulations and changes in the Employer's requirements and will be subject to design development until such time as Waldeck's Services are engaged under a formal written appointment that pays for an appropriate fee at commercial rates. Use of these documents or media shall be entirely at the risk of the person using it. No reliance on these documents shall be permitted and full copyright is retained by Waldeck. Waldeck accepts no responsibility for reliance on these documents or media and it is assumed that the Contractor or Developer or Client has made sufficient provision for design development risk where a full design has not

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Bulk fill

Spec Ref: K10/510

Kingspan QuadCore Karrier panels

Colour: Merlin Grey (RAL 180 40 05 -

15mm thick British Gypsum Gyproc F

British Gypsum Gypframe 70mm 'C'

12.5mm thick British Gypsum Gyproc -Wallboard Gypsum Plasterboard system

Colour: F0949 Matte 58 White TBC

British Gypsum Gypframe 70mm 'C'

12.5mm thick British Gypsum Gyproc

British Gypsum Gypframe 48mm 'C'

studs @ 600mm centres with 20mm

Isover Acoustic Partition roll (APR

\_15mm thick British Gypsum Gyproc

12.5mm thick British Gypsum Gyproc

Wallboard Gypsum Plasterboard system

\_15mm thick British Gypsum Gyproc F

Kingspan 'RG5' loose lay raised access

Refer to Structural Engineers drawing -- 18006-WDK-02-02-DR-S-40004 &

Raised Access Floor Alpha V Pedestal.

Height 20-620mm. Height adjustment

-+/- 40mm. Height allowance must be made for cap thickness and adhesive

-floor system

Spec Ref: K41/131

40005 for floor slab details

layer (in general 5mm).

-Britich Gypsum Gypframe Splayed Angle GA6

-Wallboard Gypsum Plasterboard system

studs @ 600mm centres

Spec Ref: K10/401

Mineral fibre cavity fill

Spec Ref: P11/230

1200) in the cavity

DuraLine board

Spec Ref: K10/401

Spec Ref: K10 / 515

Firecase board

Clear opening between pocket walls

Second FFL= +8500.00

MovablePartition-MPE-2F-A

Gyproc Acoustic sealant

Movable partition wall to provide min Rw=50dB. Centrefold

bi-parting. 8x900mm + 2x450mm door panels.

British Gypsum Gyplyner column

Finish: Kingspan XL Forte

U value: 0.26W/m2K Spec Ref: H43/122

encasement support

studs @ 600mm centres

Spec Ref: K10/401

Finish: HP Laminate

Spec Ref: L20/545

Firecase board

BS 18B25)

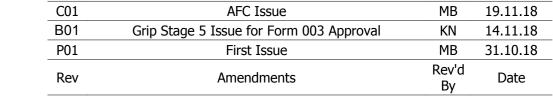
0.63mm Thick Galvanised Steel Outer Sheet 80mm Thick Coat Horizontally

- If in doubt, ask the Project Lead.
- Do not scale this drawing.
- All dimensions are in millimetres unless stated otherwise.
- This drawing is to be read in conjunction with all other relevant drawings and specifications.
- All Proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

### NOTE:

Kingspan Europed pedestal has been changed to Alpha V

Construction, Design and Management Regulations 201 The Contractors attention is drawn to the abnormal risks identified below, annotated on the drawing and explained in the associated design risk registers. <u>Legend</u> You Must Not Do Hazard or Danger You Must Do Caution Abnormal Risks Identified:







Network Rail Project Number: 3309434 Buckingham Group - Doncaster DU Improvement Programme LNE-EM

Office Second Floor Movable Partition Layout & Details

Originator Volume Level Type Role Number 18006 - WDK - 02 - 02 - DR - A - 17054

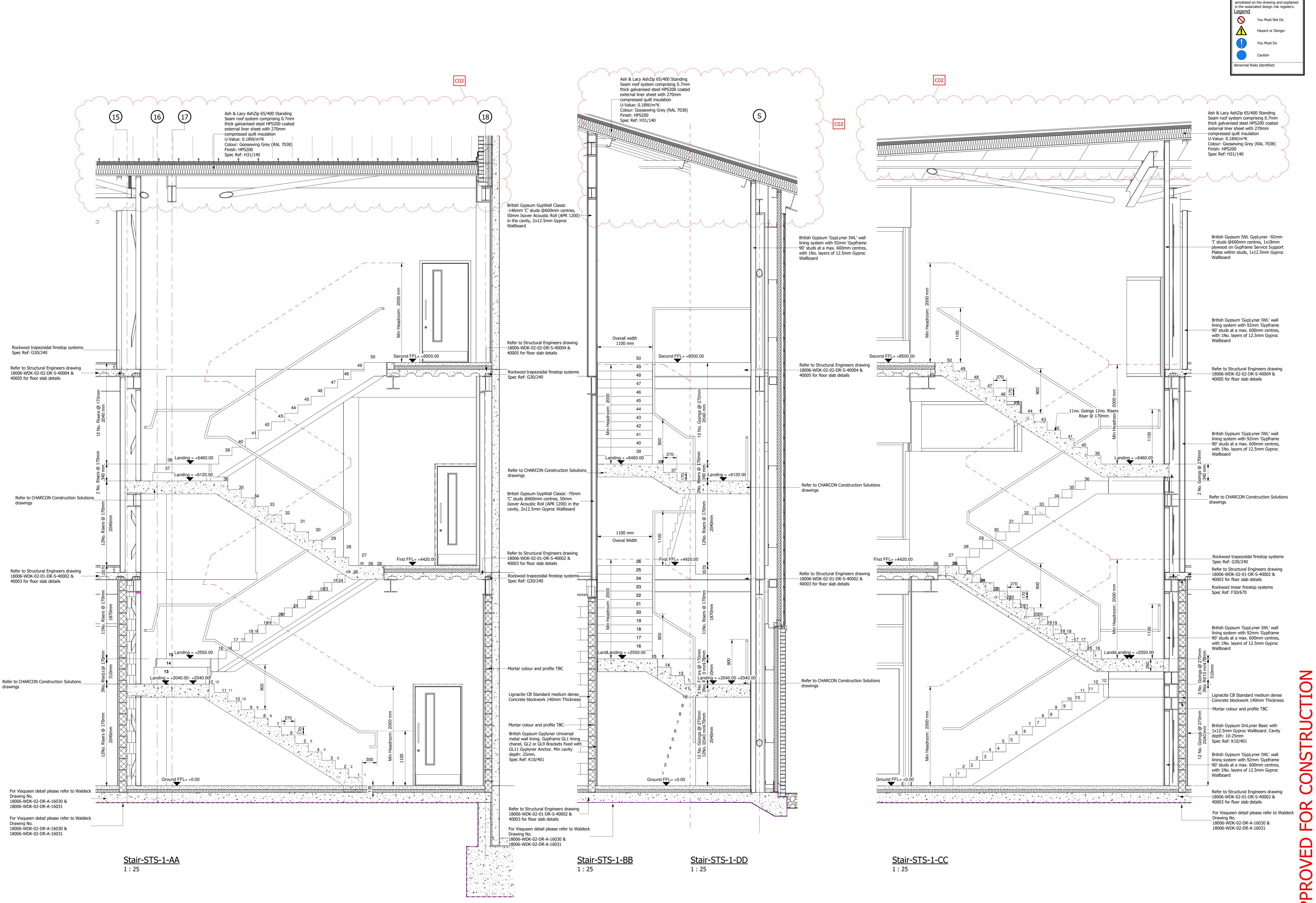
Internal Project Reference 170071

Suitability | Suitable For

A5 - Approved as Stage Complete 31.07.18 C01 A1 @ 1:50 Project Lead Drawn SR Checked MB

SMH

Digital Strategy Consultancy Solutions Offices and Projects UK wide Mather Road Newark NG24 1FB 01636 858 295



Construction, Design and

Management Regulations 201 The Contractors attention is drawn to

the abnormal risks identified below,

1. If in doubt, ask the Project Lead.

Do not scale this drawing.

3. All dimensions are in millimetres unless stated otherwise.

4. This drawing is to be read in conjunction with all other relevant drawings and specifications.

All Proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

Staircases to be precast concrete designed to BS 8110:1997 with type A finish to soffits, risers and sides. Screed landings to structural engineers design.

Stair and landing to be designed in accordance with Approved Document M for Ambulant Design, with a minimum clear width between handrails of 1300mm to

comply with Approved Document B. 40mm handrail and uprights by Delta Balustrades from the Orbis range, to be Polyester Powder Coated to BS

EN ISO 1461:1999 Height to top of handrail above stair pitch line to be 900mm Height to top of handrail above landing to be

1100mm Design Loadings (BS 6180:2008) Horizontal uniform distributed line load = 0.74kN/m UDL applied infill = 1.0kN/m2 Point load applied to infill = 0.5kN

10. All levels are to be verified on site by the contractor prior to preparation of fabrication drawings

11. All connections to be contractor designed

12. Handrails to be contractor designed

13. Gradus Trans-Edge type 'TEX51' heavy duty stair nosings are to be provided to all nosings and fixed in accordance with manufactures details and specification Finish: TBC

14. All proprietary items to be installed in strict compliance with manufacturer's instructions and recommendations.

Final steelwork positions to be confirmed

Roof specification revised to AshZip Drawing updated inline with BGCL comments AFC Issue SR 19.11.18 Grip Stage 5 Issue for Form 003 Approval General Drawing Update Drawing updated to suit comments received First Issue



Network Rail Project Number: 3309434 Buckingham Group - Doncaster DU Improvement Programme LNE-EM

Office Stair 1 Sections & Details

Originator Volume Level Type Role Number 18006 - WDK - 02 - XX - DR - A - 16012 Internal Project Reference

170071 Suitability | Suitable For

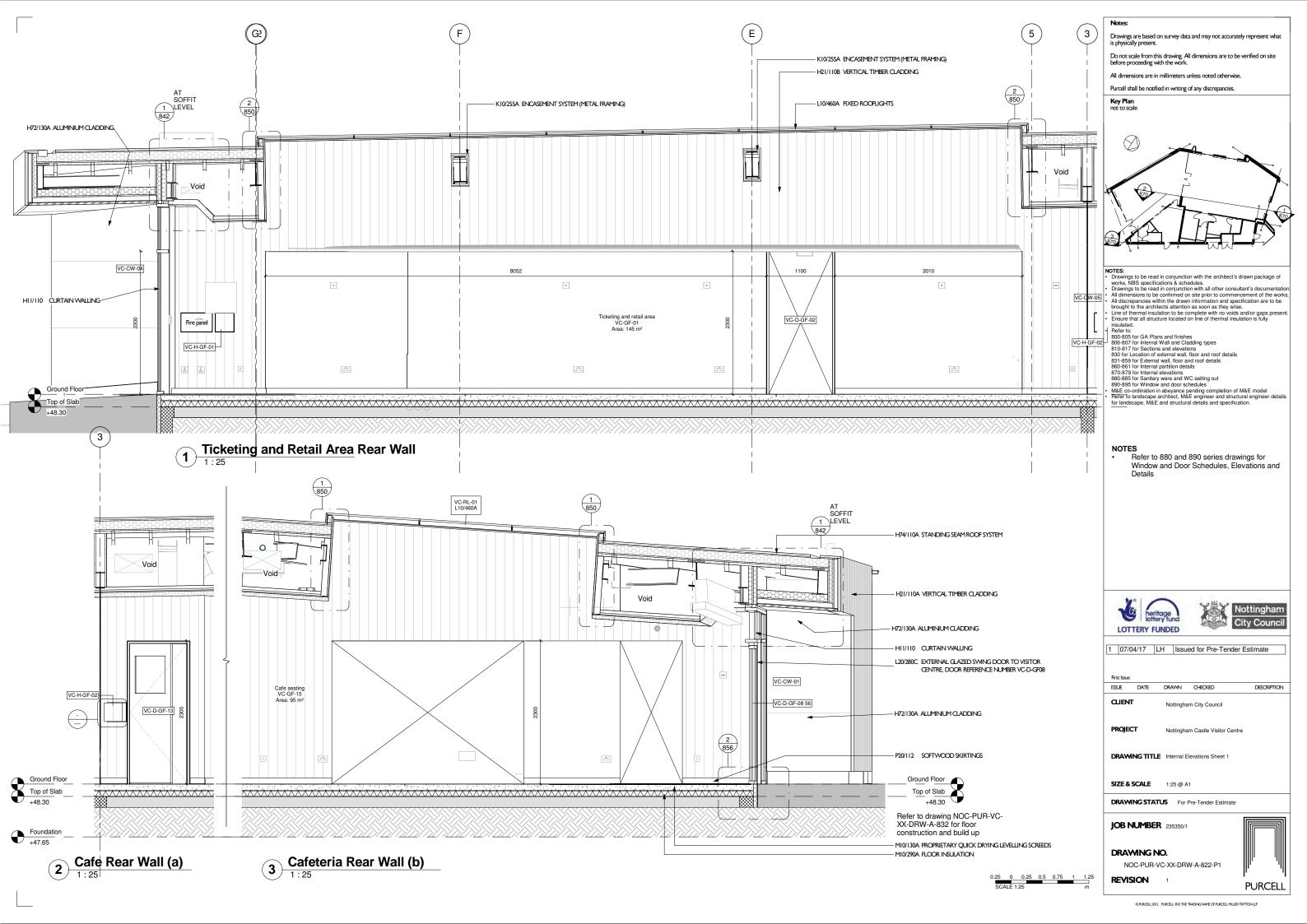
A5 - Approved as Stage Complete 07.06.18 C02 Project Lead

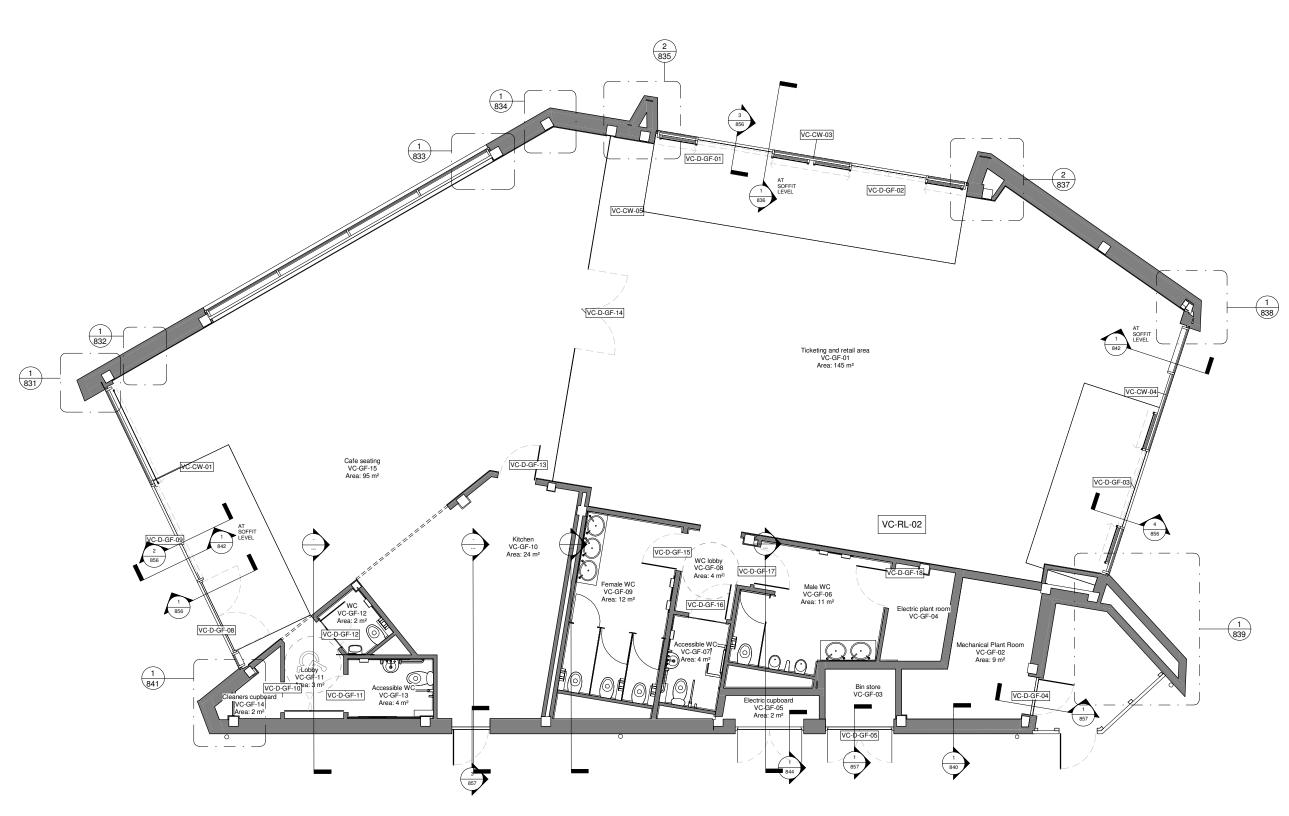


01636 858 295

media and it is assumed that the Contractor or Developer or Client has made sufficient provision for design development risk where a full design has not been commissioned. No waiver of this endorsement shall be permitted except in writing and signed by a Director of Waldeck as recorded at Companies House.

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1 External Envelope Details Location Plan



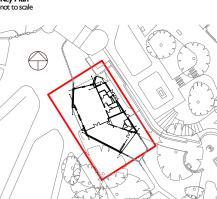
Notes:

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.



- NOTES:

  Drawings to be read in conjunction with the architect's drawn package of works, NBS specifications & schedules.
  Drawings to be read in conjunction with all other consultant's documentation. All dimensions to be confirmed on site prior to commencement of the works.

  All discrepancies within the drawn information and specification are to be brought to the architects attention as soon as they arise.

  Line of thermal insulation to be complete with no voids and/or gaps present.
  Ensure that all structure located on line of thermal insulation is fully insulated.
  Refer to:
  800-805 for GA Plans and finishes
  806-807 for Internal Wall and Cladding types
  810-817 for Sections and elevations
  831 16-817 for Sections and elevations
  831 16-85 for External wall, floor and roof details
  870-879 for Internal elevations
  880-885 for Samilary ware and WC setting out
  880-885 for Samilary ware and WC setting out
  880-885 for Window and door schedules

  M&E co-ordination in abeyance pending completion of M&E model
  Refer to landscape architect, M&E engineer and structural engineer details for landscape, M&E and structural details and specification.





Nottingham

1 07/04/17 LH Issued for Pre-Tender Estimate

ISSUE DATE DRAWN CHECKED DESCRIPTION

CLIENT Nottingham City Council

PROJECT

**DRAWING TITLE** Location Plan for External Details

SIZE & SCALE 1:50 @ A1

**DRAWING STATUS** For Pre-Tender Estimate

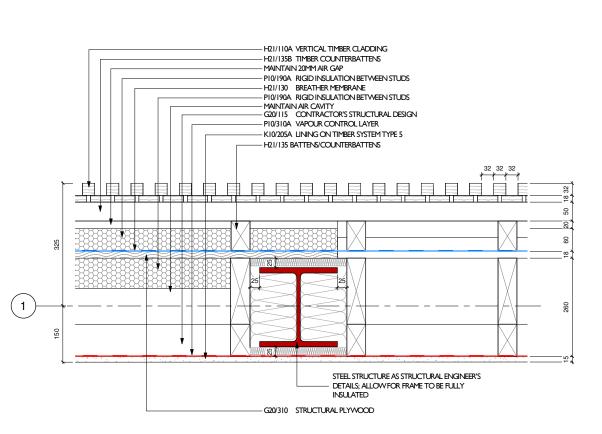
JOB NUMBER 235350/1

DRAWING NO.

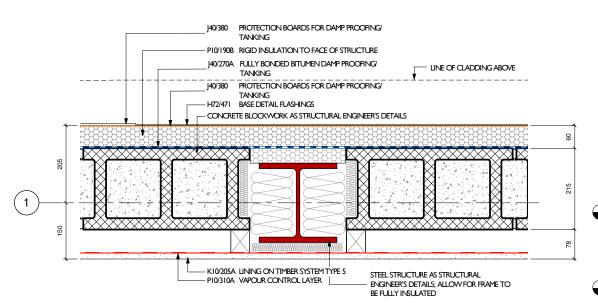
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REVISION

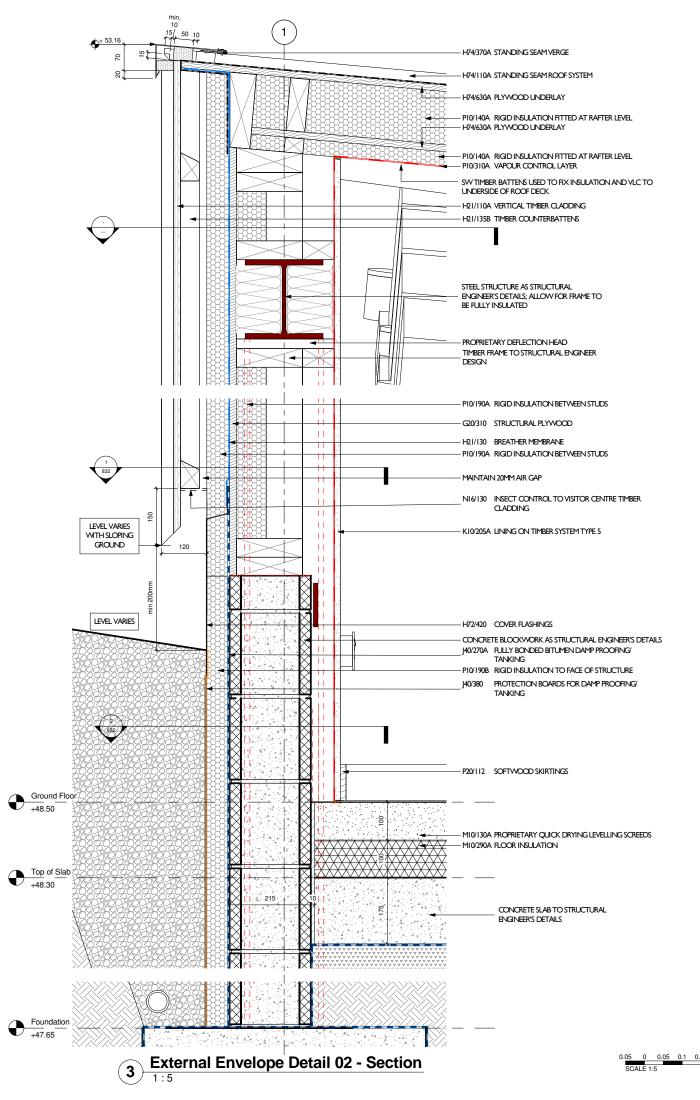




### External Envelope Detail 02 - Plan - Cladding



### External Envelope Detail 02 - Plan - Base

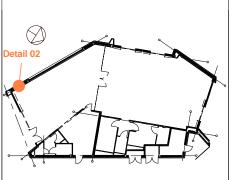


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Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

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- NOTES:

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  Drawings to be read in conjunction with all other consultant's documentation.
  All dimensions to be confirmed on site prior to commencement of the works.
  All discrepancies within the drawn information and specification are to be brought to the architects attention as soon as they arise.
  Line of thermal insultation to be complete with no voids and/or gaps present.
  Ensure that all structure located on line of thermal insulation is fully

- Refer to:

  800-805 for GA Plans and finishes
  806-807 for Internal Wall and Cladding types
  810-817 for Sections and elevations
  830 for Location of external wall, floor and roof details
  831-859 for External wall, floor and roof details
  831-859 for External wall, floor and roof details
  860-861 for Internal partition details
  870-879 for Internal elevations
  880-885 for Sanitary ware and WC setting out
  890-895 for Window and door schedules
  M&E co-ordination in abeyance pending completion of M&E model
  Refer to landscape architect, M&E engineer and structural engineer
  for landscape, M&E and structural details and specification.

**DETAIL KEY:** 

J40/270A FULLY BONDED BITUMEN DAMP PROOFING/ TANKING

**-** J40/120 LOOSE LAID POLYETHYLENE DAMP PROOFING

PROPRIETARY ROOF MEMBRANE

PI0/310A VAPOUR CONTROL LAYER — H21/130 BREATHER MEMBRANE

J40/380 PROTECTION BOARDS FOR DAMP PROOFING/

TANKING





1 07/04/17 LH Issued for Pre-Tender Estimate

PROIECT

ISSUE DATE DRAWN CHECKED DESCRIPTION

CLIENT Nottingham City Council

DRAWING TITLE External Envelope Detail 02

SIZE & SCALE 1:5 @ A1

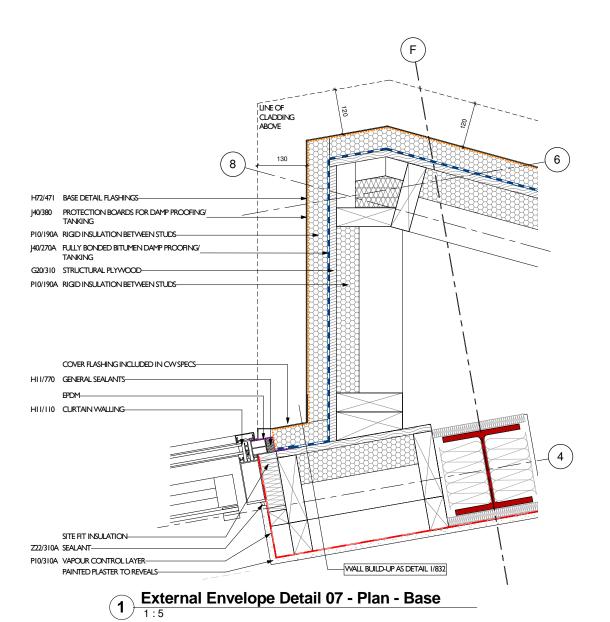
DRAWING STATUS For Pre-Tender Estimate

JOB NUMBER 235350/1

DRAWING NO.

NOC-PUR-VC-XX-DRW-A-832-P1





H21/110A VERTICAL TIMBER CLADDING-H72/420 COVER FLASHINGS-STEEL ANGLE SUPPORT AS COP ITEM-H92/110A METAL CLADDING (8) PROPRIETARY BRACKET BY CLADDING SUPPLIER AS CDP ITEM PI0/190A RIGID INSULATION BETWEEN STUDS-H21/130 BREATHER MEMBRANE-G20/310 STRUCTURAL PLYWOOD-PIO/190A RIGID INSULATION BETWEEN STUDS-H72/420 COVER FLASHINGS-HII/770 GENERAL SEALANTS-SITE FIT INSULATION-HII/II0 CURTAIN WALLING PI0/310A VAPOUR CONTROL LAYER PAINTED PLASTER TO REVEALS-External Envelope Detail 07 - Plan - Cladding

PROPRIETARY BRACKET BY CLADDING SUPPLIER AS COP ITEM H92/110A METAL CLADDING-PROPRIETARY VENTILATED SECTION
PERFORATED SHEET TO LOOSE PPC FINISH-COLOUR TBC. H72/420 COVER FLASHINGS-PIO/190A RIGID INSULATION BETWEEN STUDS-Ground Floor +48.50 J40/380 PROTECTION BOARDS FOR DAMP PROOFING/ TANKING PI0/190B RIGID INSULATION TO FACE OF STRUCTURE-J40/270A FULLY BONDED BITUMEN DAMP PROOFING/

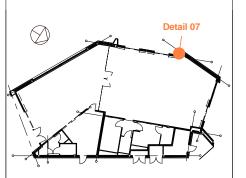
**External Envelope Detail 07 - Section** 

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Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.



- NOTES:

  Drawings to be read in conjunction with the architect's drawn package of works, NBS specifications & schedules.

  Drawings to be read in conjunction with all other consultant's documentation. All dimensions to be confirmed on site prior to commencement of the works. All discrepancies within the drawn information and specification are to be brought to the architects attention as soon as they arise.

  Line of thermal insulation to be complete with no voids and/or gaps present. Ensure that all structure located on line of thermal insulation is fully insulated.
- Ensure that all structure located on line of thermal insulation is fully insulated.

  Refer to:
  800-805 for GA Plans and finishes
  806-807 for Internal Wall and Cladding types
  810-817 for Sections and elevations
  830 for Location of external wall, floor and roof details
  831-859 for External wall, floor and roof details
  831-859 for External wall, floor and roof details
  880-861 for Internal partition details
  870-879 for Internal elevations
  880-885 for Sanitary ware and WC setting out
  880-885 for Window and door schedules
  M&E co-ordination in abeyance pending completion of M&E model
  Refer to landscape architect, M&E engineer and structural engineer of the landscape, M&E and structural details and specification.

DETAIL KEY:

----- J40/270A FULLY BONDED BITUMEN DAMP PROOFING/

TANKING

J40/120 LOOSE LAID POLYETHYLENE DAMP PROOFING

PROPRIETARY ROOF MEMBRANE PI0/310A VAPOUR CONTROL LAYER

- H21/130 BREATHER MEMBRANE J40/380 PROTECTION BOARDS FOR DAMP PROOFING/ TANKING





1 07/04/17 LH Issued for Pre-Tender Estimate

ISSUE DATE DRAWN CHECKED CLIENT

Nottingham City Council

PROIECT

DRAWING TITLE External Envelope Detail 07

SIZE & SCALE 1:5 @ A1

DRAWING STATUS For Pre-Tender Estimate

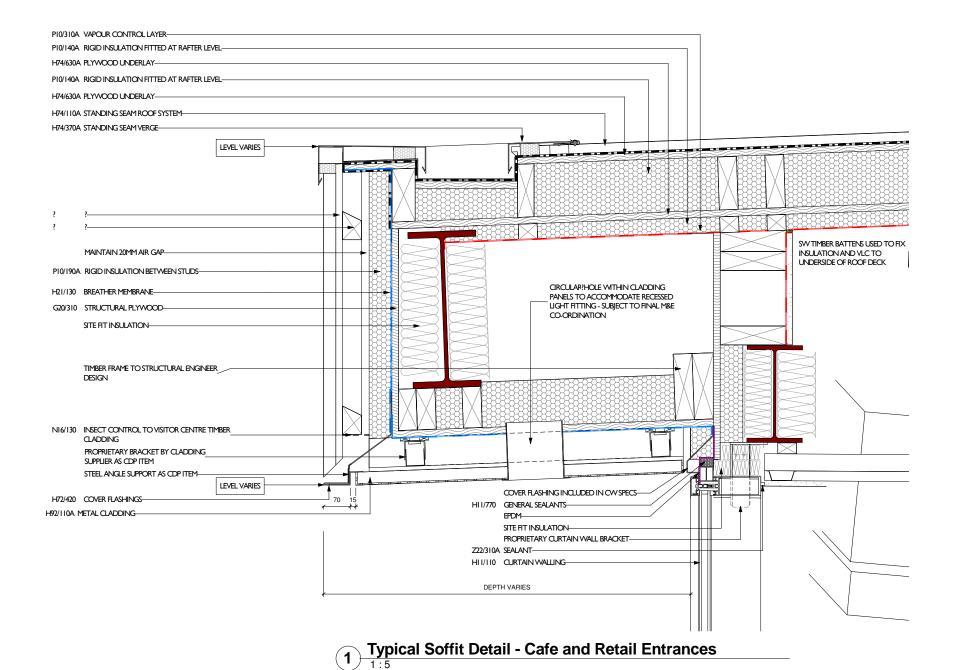
JOB NUMBER 235350/1

DRAWING NO.

NOC-PUR-VC-XX-DRW-A-837-P1

REVISION

DESCRIPTION



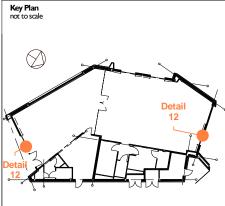
Notes:

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.



- NOTES:

  Drawings to be read in conjunction with the architect's drawn package of works, NBS specifications & schedules.
  Drawings to be read in conjunction with all other consultant's documentation.
  All dimensions to be confirmed on site prior to commencement of the works.
  All discrepancies within the drawn information and specification are to be brought to the architects attention as soon as they arise.
  Line of thermal insulation to be complete with no voids and/or gaps present.
  Ensure that all structure located on line of thermal insulation is fully
- Ensure that all structure located on line of thermal insulation is fully insulated.

  Refer to: 800-805 for GA Plans and finishes 806-807 for Internal Wall and Cladding types 810-817 for Sections and elevations 830 for Location of external wall, floor and roof details 831-859 for External wall, floor and roof details 860-861 for Internal partition details 870-879 for Internal elevations 880-885 for Sanitary ware and WC setting out 890-895 for Window and door schedules

  M&E co-ordination in abeyance pending completion of M&E model

  Refer to landscape architect, M&E engineer and structural engineer details for landscape, M&E and structural details and specification.

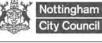
### DETAIL KEY:

J40270A FULLY BONDED BITUMEN DAMP PROOFING/
TANKING
LOOSE LAID POLYETHYLENE DAMP PROOFING
BDM
PROPRIETARY ROOF MEMBRANE

P10/310A VAPOUR CONTROL LAYER H21/130 BREATHER MEMBRANE

PROTECTION BOARDS FOR DAMP PROOFING/ TANKING





1 07/04/17 LH Issued for Pre-Tender Estimate

ISSUE DATE DRAWN CHECKED CLIENT

Nottingham City Council

PROIECT Nottingham Castle Visitor Centre

DRAWING TITLE Typical Soffit Detail 01

SIZE & SCALE 1:5 @ A1

DRAWING STATUS For Pre-Tender Estimate

JOB NUMBER 235350/1

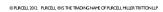
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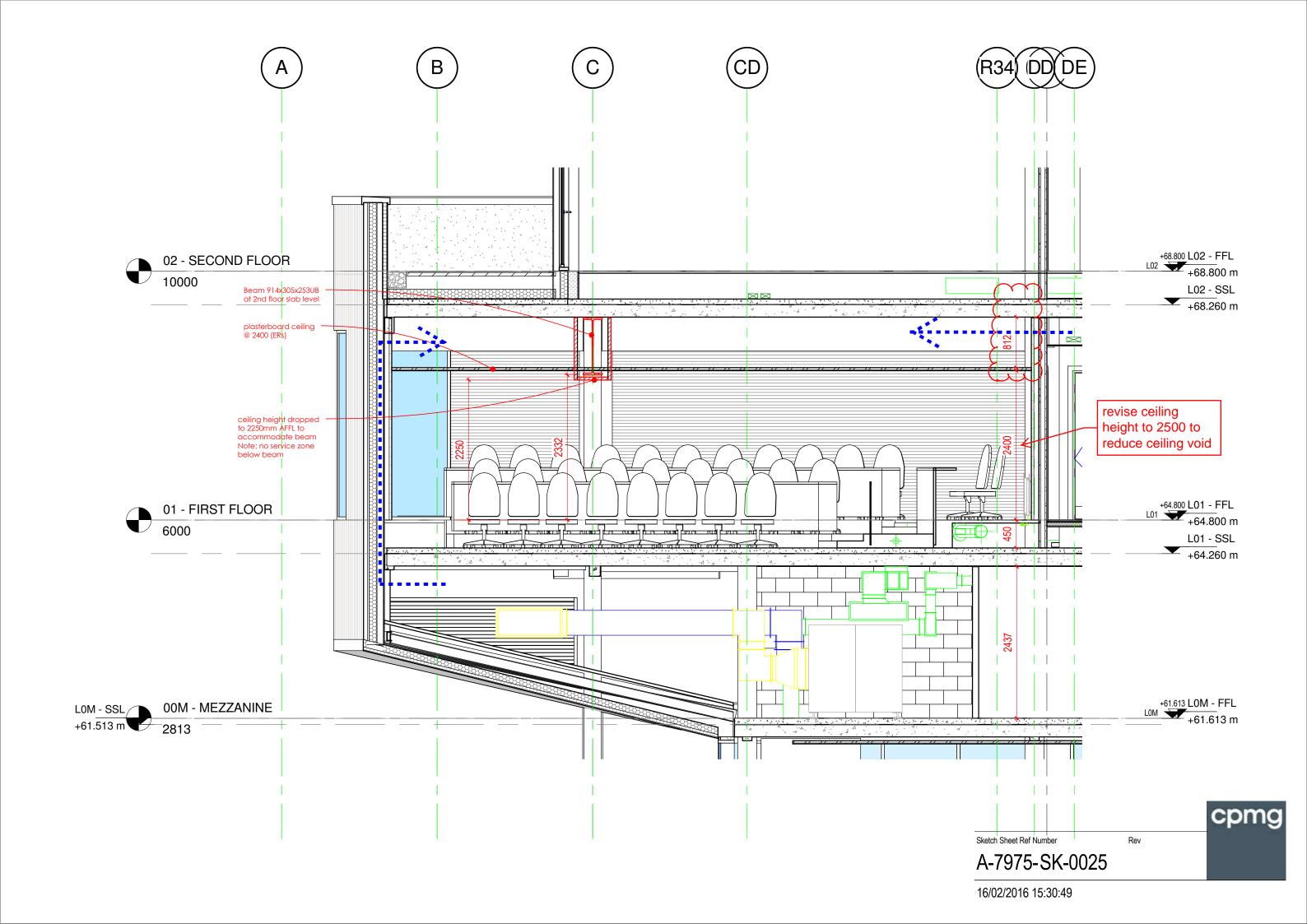
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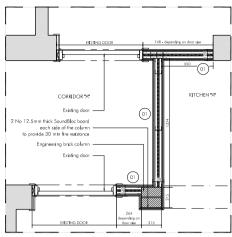
REVISION



DESCRIPTION





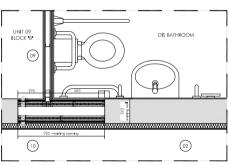


DETAIL A WALL TYPE 01 - scale 1:20

WALL TYPE 01 2x 12.5mm BG SoundBloc board 70mm C studs at 600mm centres

25mm Isover APR 1200 insulation within studwork

2x 12.5mm BG SoundBloc board



DETAIL F

WALL TYPE 09 / 10 - scale 1:20

WALL TYPE 09 2x 12.5mm BG wall board

50mm C studs at 600mm centres 1x 18mm Flame Retardant EURO CLASS B plywood board

1x 12.5mm BG SoundBloc MR board

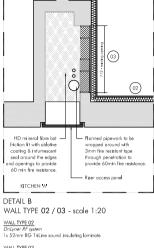
Turm rilling (wherever necessory)
1x 12.5mm BG SoundBloc MR board
1x 18mm Flame Retardant EURO CLASS B plywood board
75mm C studs at 600mm centres

75mm C studs of routume centres 25mm Isover APR 1200 insulation within studwork Covity void (width depending on the existing wall) 25mm Isover APR 1200 insulation within studwork

75mm C studs at 600mm centres 1x 18mm Flame Retardant EURO CLASS B plywood board

1x 12.5mm BG SoundBloc MR board

DriLyner RF system 1x 52mm BG TriLine sound insulating laminate



LINIT 07

WALL TYPE 03

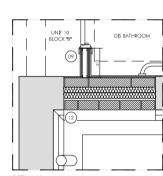
1x 52mm BG Trilline sound insulation laminate

1x 12.5 mm BG wall board

LINIT 04

BLOCK A

1x 102mm solid brick wall to provide 60min fire resistance



DETAIL H

WALL TYPE 12 - scale 1:20

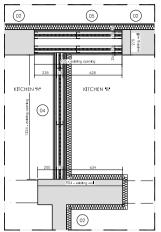
WALL TYPE 12
10mm tilling (wherever necessary)
100mm block work (to flush with the existing wall)

Waterproof membrane

80mm Isover APR 1200 insulation within studwork

Breathable membrane

Cavity void (width depending on the existing wall) 102mm external brickwork (to match existing)



DETAIL C WALL TYPE 04 / 05 - scale 1:20

WALL TYPE 04 1x 15mm BG FireLine board

1x 18mm Flame Retardant EURO CLASS B plywood board

70mm C studs at 600mm centres 25mm Isover APR 1200 insulation within studwork

1x 18mm Flame Retardant EURO CLASS B plywood board

1x 15mm BG FireLine board

WALL TYPE 05

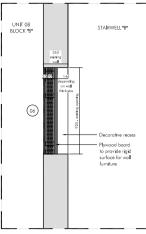
DriLyner RF system
1x 52mm BG TriLine sound insulating laminate

2v 12 5mm BG SoundBloc board

70mm C studs at 600mm centres 25mm Isover APR 1200 insulation within studwork

Cavity void (width depending on the existing wall)
25mm Isover APR 1200 insulation within studwork

70mm C studs at 600mm centres 2x 12.5mm BG SoundBloc board



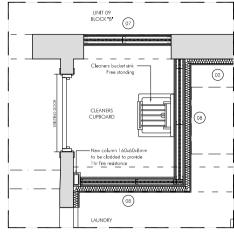
DETAIL D WALL TYPE 06 - scale 1:20

WALL TYPE 06 2x 12.5mm BG SoundBloc board 92mm C studs at 600mm centres

3v 25mm Isover APR 1200 insulation within studyork

x 18mm Flame Retardant EURO CLASS B plywood board

1x 15mm BG Fireline board



DETAIL E WALL TYPE 07 / 08 - scale 1:20

WALL TYPE 07 2x 12.5mm BG SoundBloc board 70mm C studs at 600mm centres 25mm Isover APR 1200 insulation within studwork

1x 12.5mm BG SoundBloc board 1x 12.5mm BG SoundBloc MR board

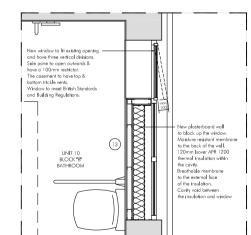
WALL TYPE 08 1x 12.5mm BG SoundBloc MR board

1x 12.5mm BG SoundBloc board 70mm C studs at 600mm centres

25mm Isover APR 1200 insulation within studwork

1x 12.5mm BG SoundBloc MR board

1x 52mm BG TriLine sound insulating laminate



DETAIL J WALL TYPE 13 - scale 1:20

WALL TYPE 13

10mm tiling 1x 12.5mm BG MR wall board

50mm C studs at 600mm centres

x 12.5mm BG MR wall board Water proof membrane 120mm Isover 1200 APR thermal insulation Breathable membrane Cavity void



\* ALL JUNCTIONS TO FLOORS, WALLS AND CEILINGS TO BE SEALED WITH INTUMESCENT/SOUND SEALANT.

\* ALL BOARDS STAGGERED AND FITTED IN ACCORDANCE WITH MANUFACTURER INSTRUTIONS AND SCREW TYPES.

\* ALL WALLS TO BE 30min FIRE RATED UNLESS STATED OTHERWISE

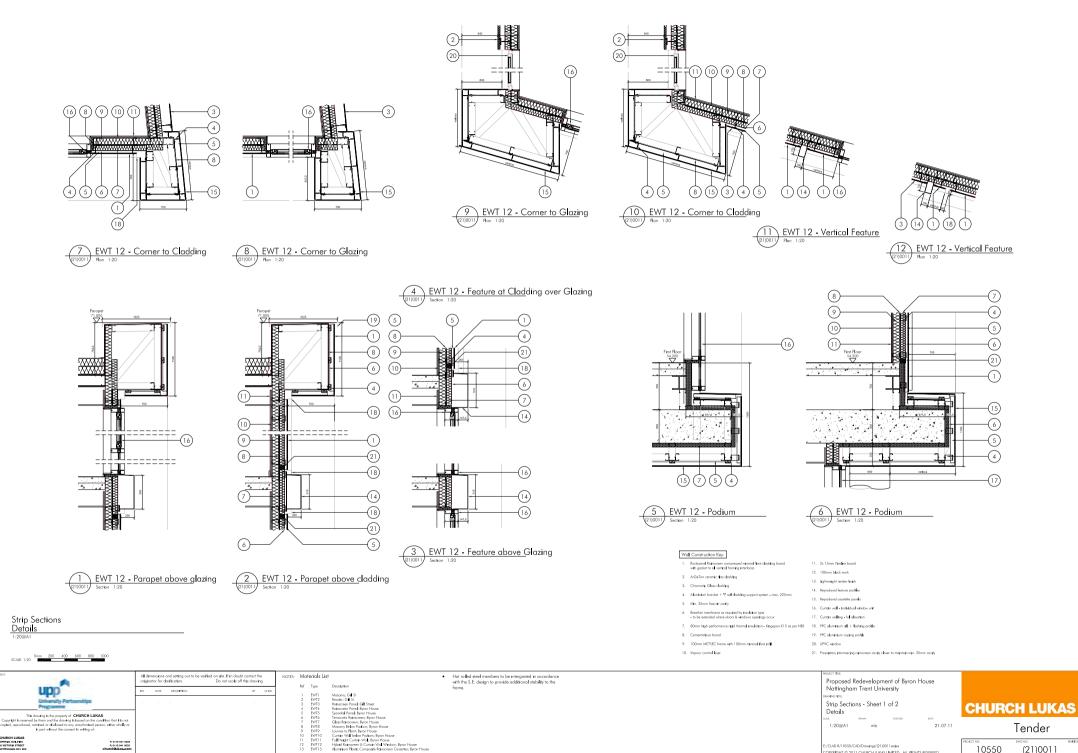
\* SEE GENERAL ARRANGEMENT DRAWINGS FOR ROOM TYPE LOCATION

\* ALL STEELWORK TO HAVE 1 hr FIRE PROTECTION



**CHURCH LUKAS** CONSTRUCTION

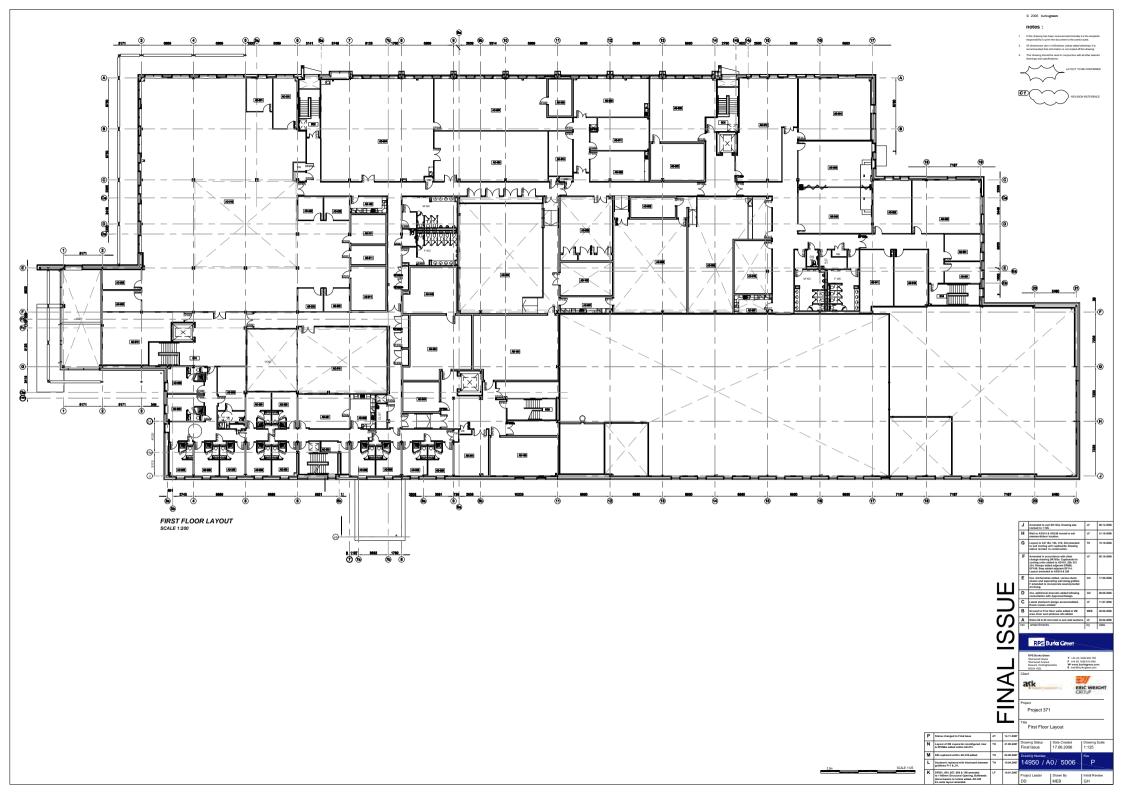
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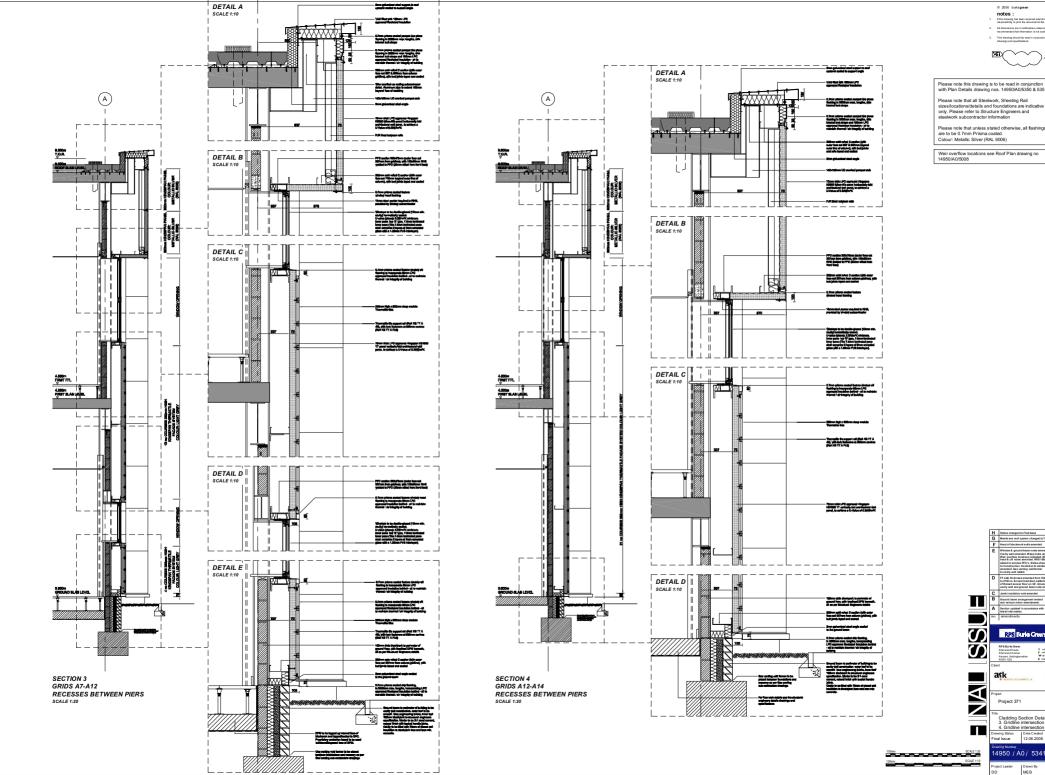


CHURCH LUKAS IMPERIAL BULDING SO VICTORIA STREET HOTTINGHAM HG1 2EX

Tender 10550 (21)0011 OPYRIGHT © 2011 CHURCH LUKAS LIMITED. ALL RIGHTS RESERVED

:/CLAD R/10550/CAD/Drowings/(21)0011series





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Please note this drawing is to be read in conjunction with Plan Details drawing nos. 14950/A0/5350 & 5351.

Please note that unless stated otherwise, all flashings are to be 0.7mm Prisma coated.
Colour: Metallic Silver (RAL 9006)

Weir overflow locations see Roof Plan drawing no 14950/A0/5008

RPS Burks Green ERIC WRIGHT GROUP ask Cladding Section Details / Sheet 2 3. Gridline intersection A7-12 4. Gridline intersection A12-14 12.06.2006 14950 / A0 / 5341

