

DISCHARGE OF  
CONDITION 5  
MATERIALS

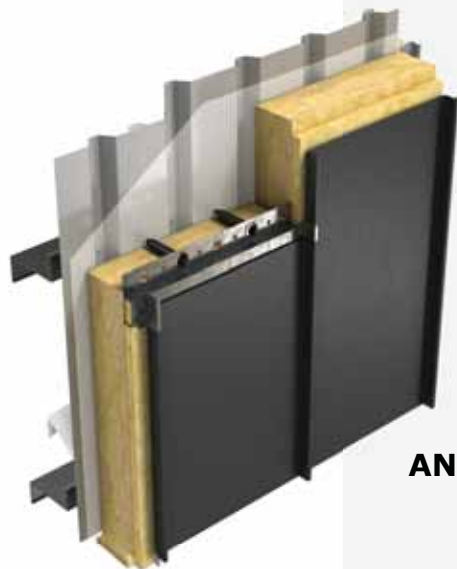
5) (a) Notwithstanding the details submitted with the application, prior to the commencement of above ground works the following shall be submitted for approval in writing by the City Council, as Local Planning Authority:

A programme for the issue of samples and specifications of all material to be used on all external elevations of the development, drawings to illustrate details of full sized sample panels that will be produced (The panel to be produced shall include jointing and fixing details between all component materials and any component panels), details of the drips to be used to prevent staining and details of the glazing and frames, a programme for the production of the full sized sample panels and a strategy for quality control management; and

(b) The sample panels and quality control management strategy shall then be submitted and approved in writing by the City Council as local planning authority in accordance with the programme and drawings as agreed above.



|     |                         |     |          |                                                                                                                                                                                                                                                                                                         |                                                        |                              |                    |                   |
|-----|-------------------------|-----|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------|--------------------|-------------------|
|     |                         |     |          |  <div>HOWARD &amp; SEDDON A.R.I.B.A.<br/>CHARTERED ARCHITECTS<br/>64 WASHWOOD ROAD<br/>SALE, CHESHIRE, M33 7RE<br/>TEL NO. 0161 - 973 8296<br/>FAX NO. 0161 - 962 3485<br/>E-MAIL : ADMIN@HOWARDANSEDDON.CO.UK</div> | Project<br>Barclay House, Manchester<br>roof extension | Title<br><br>DISCHARGE OF C5 | Drawn<br>EJG - SWF | DRG no.<br>12,982 |
|     |                         |     |          |                                                                                                                                                                                                                                                                                                         | Date<br>20/09/24                                       |                              | 00DCM5             |                   |
| A   | discharge of conditions | EJG | 20/09/24 |                                                                                                                                                                                                                                                                                                         | Scale<br>1:200(A3)                                     |                              | Amendment<br>A     |                   |
| Rev | DESCRIPTION             | By  | Date     |                                                                                                                                                                                                                                                                                                         | Client<br>Mr Ka Fan                                    |                              |                    |                   |



**ANTHRACITE**

## CLADDING WALL

to manufacturer recommendation  
SEE BROCHURE SPECIFICATIONS



### Vieo Wall Systems Range WALL SYSTEMS

Vieo Wall Systems feature the EC 25-454 Vieo external standing seam profile, related clips and fixings, RocSlab insulation in all warm systems, and a fixing substrate supplied either by ourselves in the case of the MW5 and RNS systems, or by others in all other variants. Systems within this range can be provided with a 0.7mm gauge Steel or 0.9mm gauge Aluminium external sheet.

### Product Highlights

0.7mm Steel or 0.9mm Aluminium EC 25-454 Vieo external sheet

External steel sheet available in Tata Steel Colorcoat HPS200 Ultra® or Colorcoat Prisma®

External aluminium sheet available in Arconic PVDF or Polyester Polyamide (ARS)

U Values as low as 0.09W/m²K possible depending upon system build-up and customer requirements

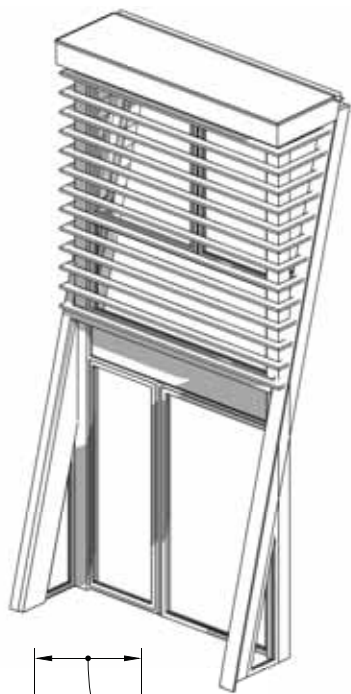
When specified with a steel external sheet, Vieo Wall Systems are available with Tata Steel Colorcoat Prisma® or Colorcoat HPS200 Ultra® as coating options. When specified in aluminium, Arconic PVDF and Polyester Polyamide (ARS) are available.

Applications of Vieo include its use as a rainscreen in Cold Wall RNS system with Rainspan panel as substrate

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| A   | discharge of conditions | EJG | 20/09/24 |
| Rev | DESCRIPTION             | By  | Date     |

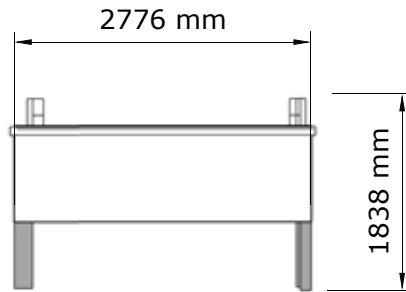


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|--------------------------------------------------------|---------------------------------|------------------------------------------------------------|-----------------------------------------------|
| Project<br>Barclay House, Manchester<br>roof extension | Title<br><br>wall/roof CLADDING | Drawn<br>EJG - SWF<br>Date<br>20/09/24<br>Scale<br>1:x(A3) | DRG no.<br>12,982<br>10DCM5<br>Amendment<br>A |
| Client<br>Mr Ka Fan                                    |                                 |                                                            |                                               |

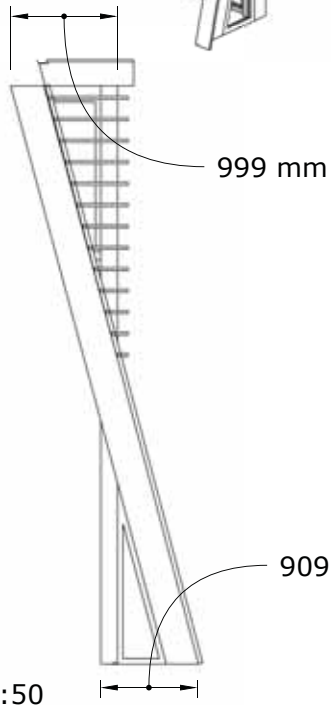


## Metallic grids and curtain walling BOX

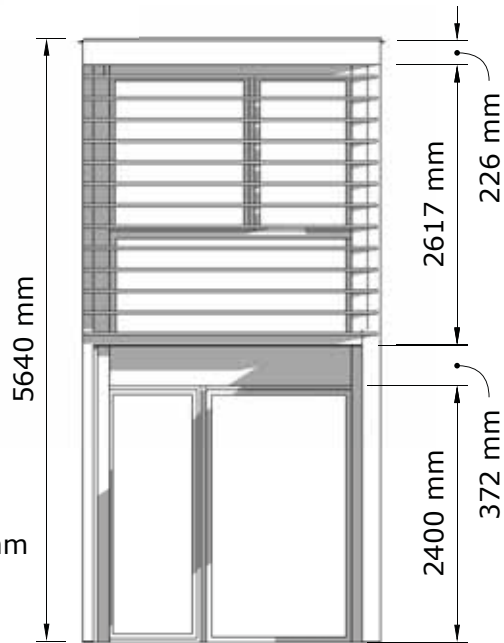
to manufacturer recommendation  
ANTHRACITE (same color of the cladding/roof)



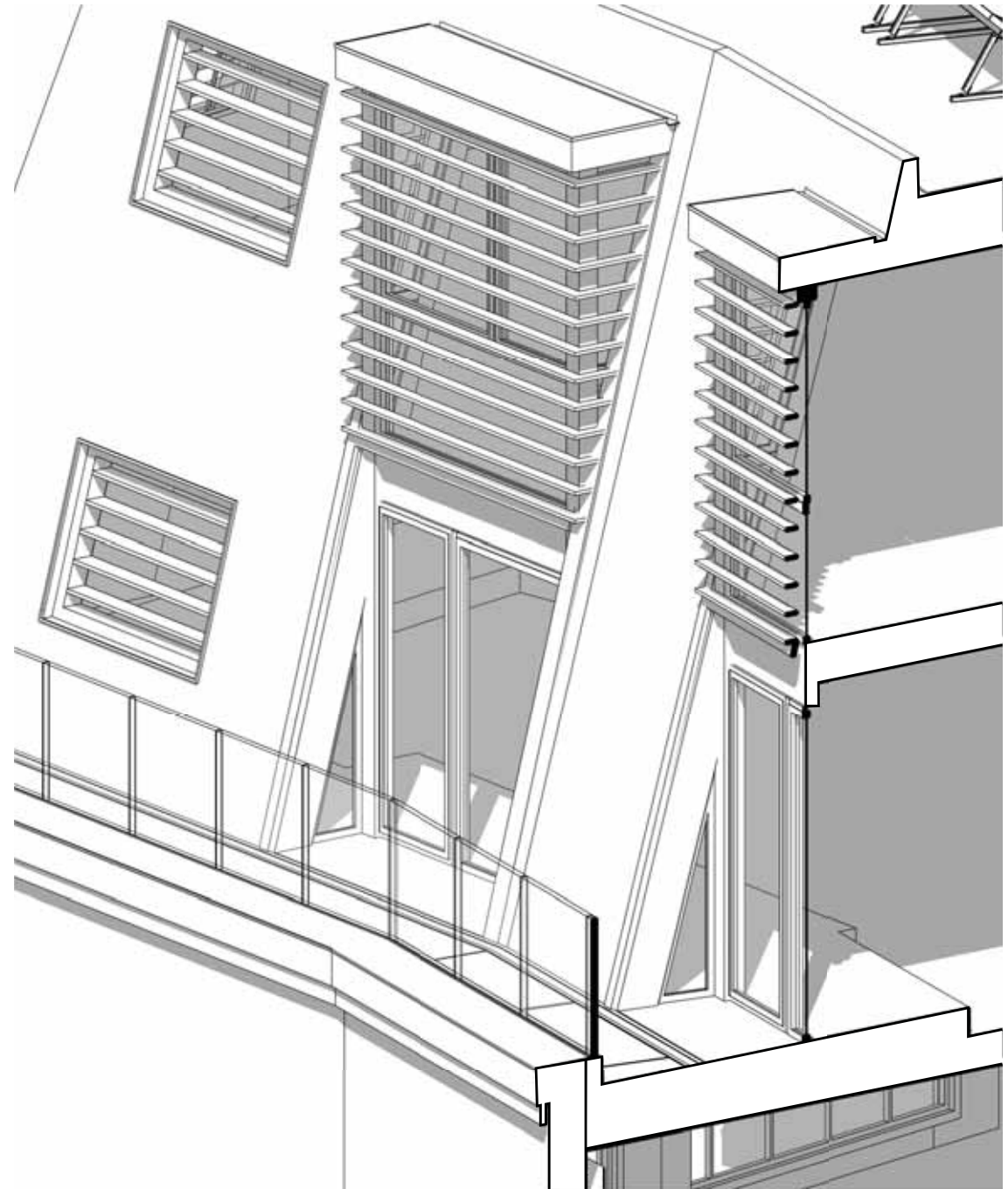
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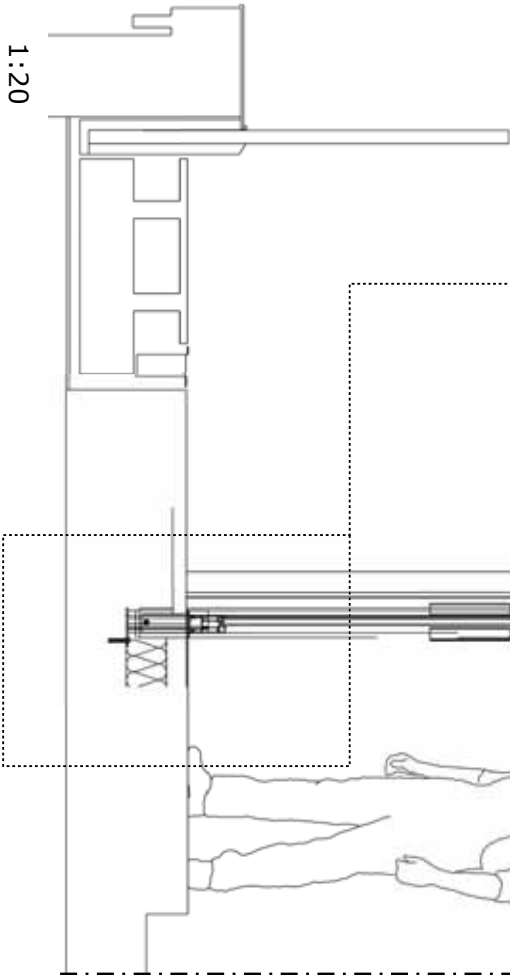
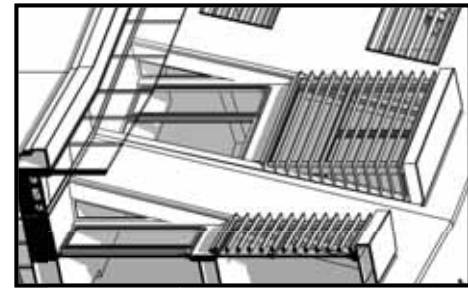


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| A   | Strategy    | EJG | 20/09/24 |
| Rev | DESCRIPTION | By  | Date     |

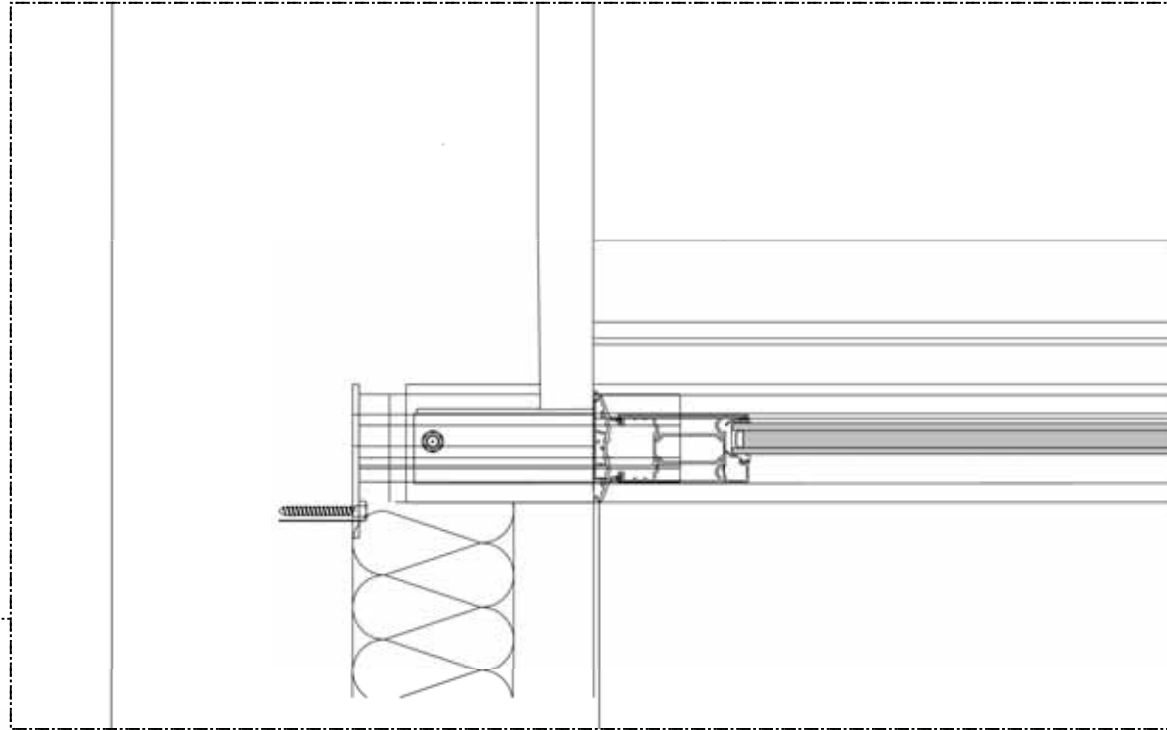


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|---------------------------|---------------------|-----------|-----------|
| Project                   | Title               | Drawn     | DRG no.   |
| Barclay House, Manchester | curtain wall window | EJG - SWF | 12,982    |
| roof extension            |                     | Date      | 11DCM5    |
| Client                    |                     | 20/09/24  |           |
|                           |                     | Scale     | Amendment |
|                           |                     | 1:x(A3)   | A         |

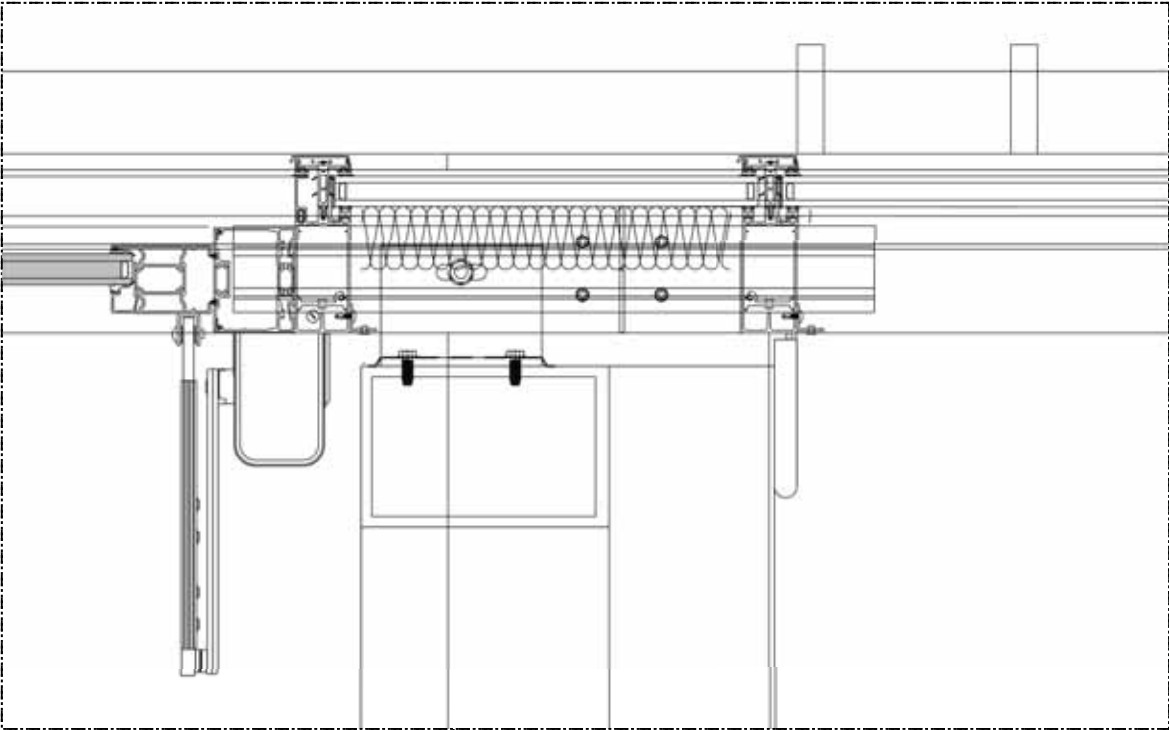
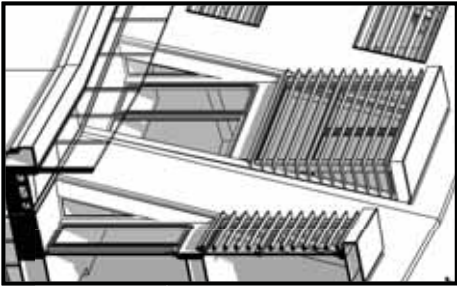
**Curtain walling  
Windows**  
to manufacturer recommendation



1:5

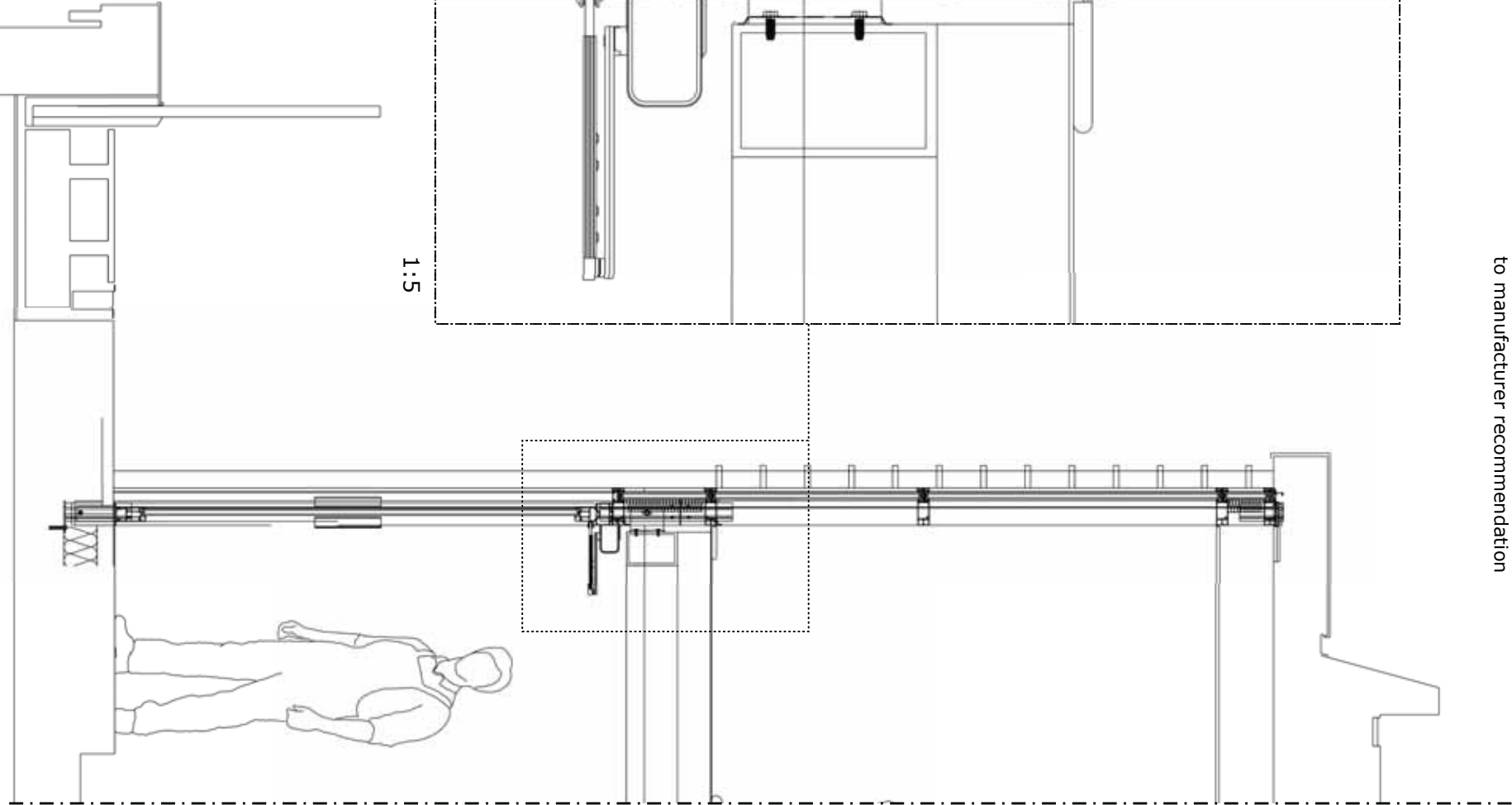


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|-----|-------------|-----|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------|--------------------|------------------|
|     |             |     |          |  <div>HOWARD &amp; SEDDON A.R.I.B.A.<br/>CHARTERED ARCHITECTS<br/>64 WASHWOOD ROAD<br/>SALE, CHESHIRE, M33 7RJ<br/>TEL NO. 0161 - 973 8296<br/>FAX NO. 0161 - 962 3485<br/>E-MAIL : ADMIN@HOWARDANDEDSON.CO.UK</div> | Project                                     | Title | Drawn<br>EJG - SWF | DRG no.          |
|     |             |     |          |                                                                                                                                                                                                                                                                                                         | Barclay House, Manchester<br>roof extension |       | Date<br>20/09/24   | 12,982<br>12DCM5 |
|     |             |     |          |                                                                                                                                                                                                                                                                                                         | Client                                      |       | Scale<br>1:x(A3)   | Amendment<br>A   |
| A   | Strategy    | EJG | 20/09/24 |                                                                                                                                                                                                                                                                                                         |                                             |       |                    |                  |
| Rev | DESCRIPTION | By  | Date     |                                                                                                                                                                                                                                                                                                         |                                             |       |                    |                  |



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Curtain walling  
Windows  
to manufacturer recommendation

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| A   | Strategy    | EJG | 20/09/24 |
| Rev | DESCRIPTION | By  | Date     |



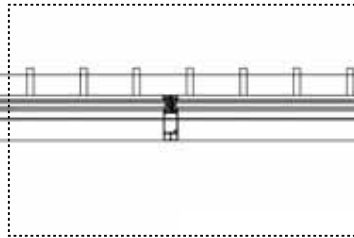
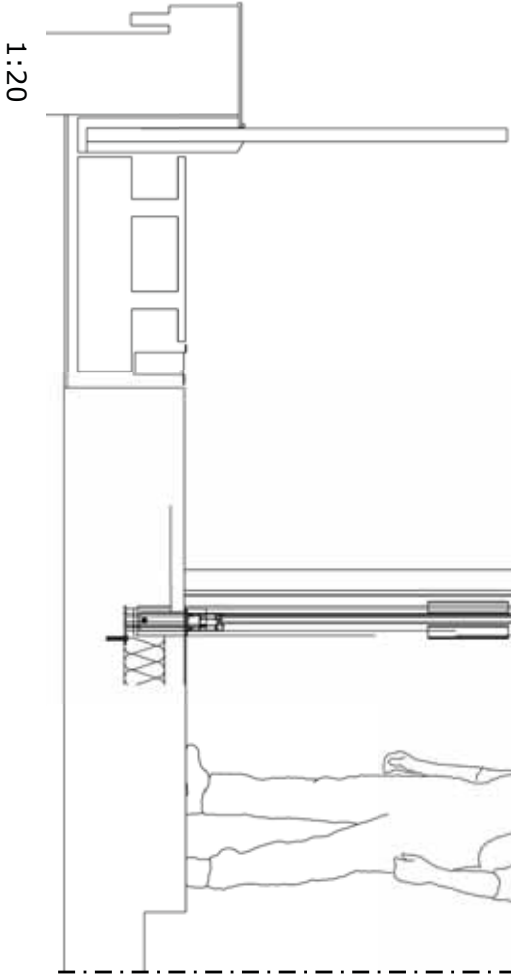
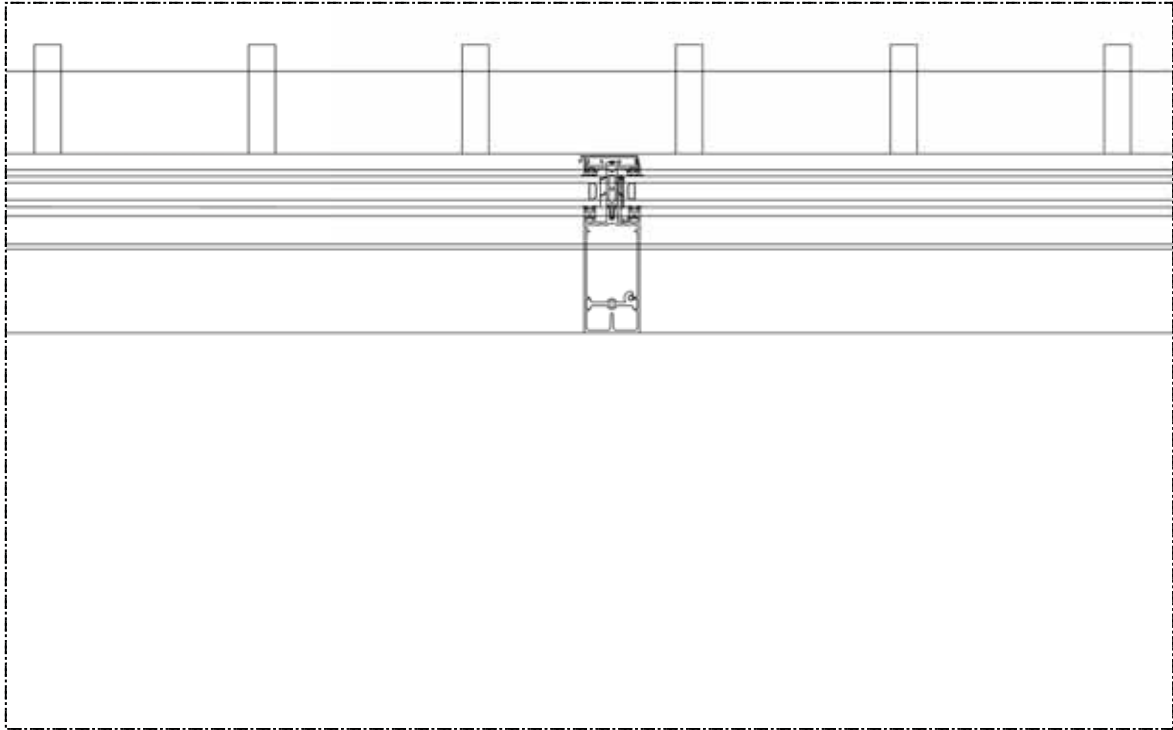
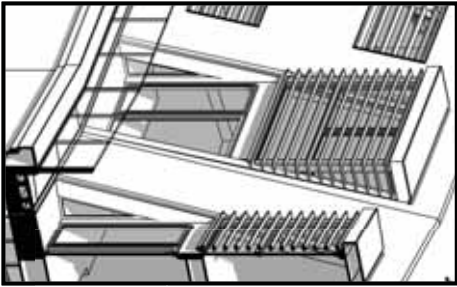
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CHARTERED ARCHITECTS

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TEL NO. 0161 - 952 8296  
FAX NO. 0161 - 952 3485  
E-MAIL : ADMIN@HOWARDANDEDSON.CO.UK

|         |                                             |
|---------|---------------------------------------------|
| Project | Barclay House, Manchester<br>roof extension |
| Client  |                                             |

|       |                     |
|-------|---------------------|
| Title | curtain wall window |
|-------|---------------------|

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| Drawn<br>EJG - SWF | DRG no.<br>12,982 |
| Date<br>20/09/24   | 13DCM5            |
| Scale<br>1:x(A3)   | Amendment<br>A    |



Curtain walling  
Windows  
to manufacturer recommendation

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| A   | Strategy    | EJG | 20/09/24 |
| Rev | DESCRIPTION | By  | Date     |

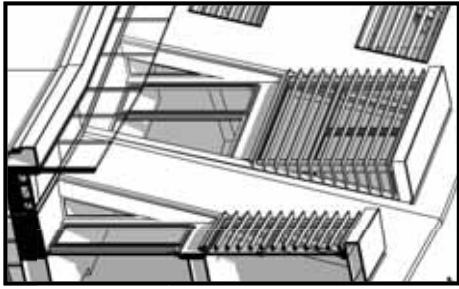


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FAX NO: 0161 - 962 3485  
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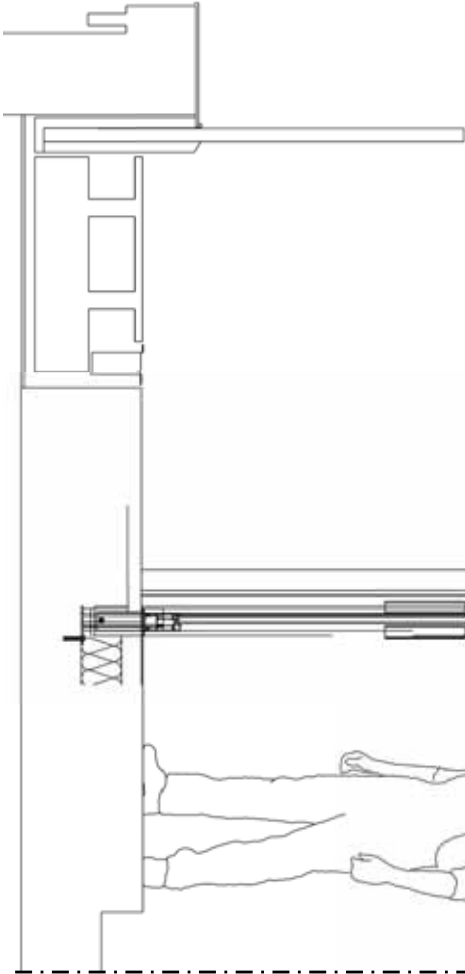
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| Project | Barclay House, Manchester<br>roof extension |
| Client  |                                             |

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| Title | curtain wall window |
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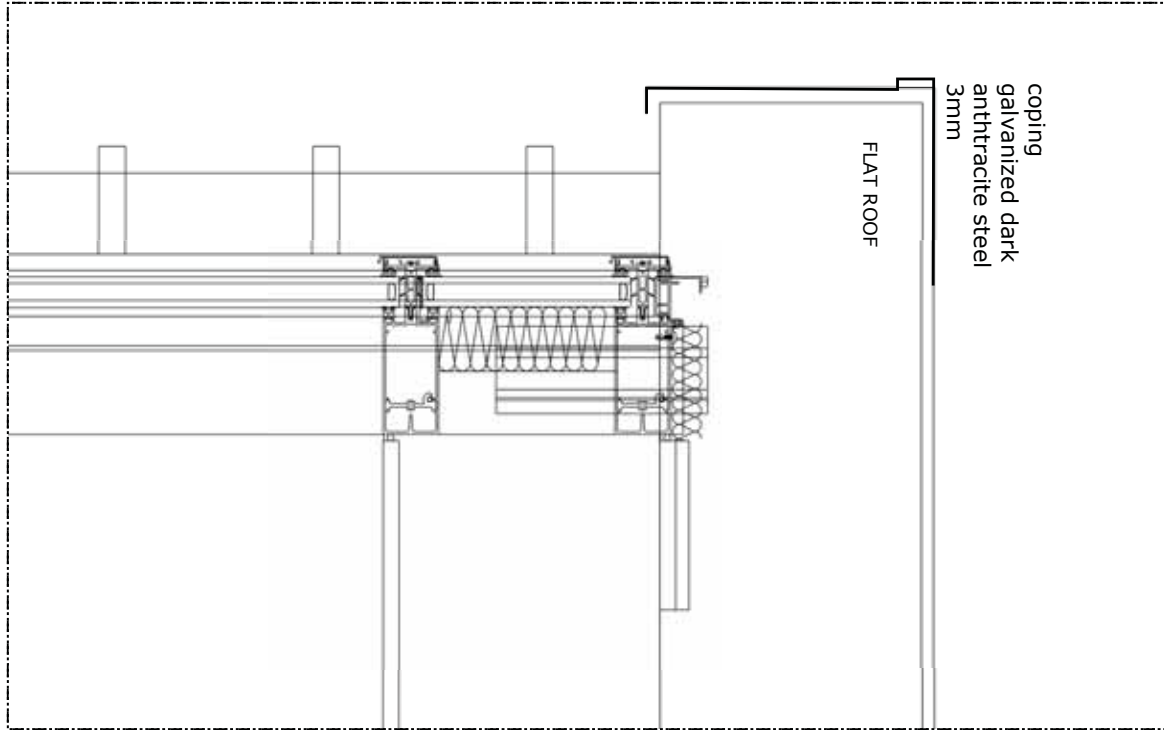
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| Drawn<br>EJG - SWF | DRG no.<br>12,982 |
| Date<br>20/09/24   | 14DCM5            |
| Scale<br>1:x(A3)   | Amendment<br>A    |



1:20



1:5



FLAT ROOF

coping  
galvanized dark  
anthracite steel  
3mm

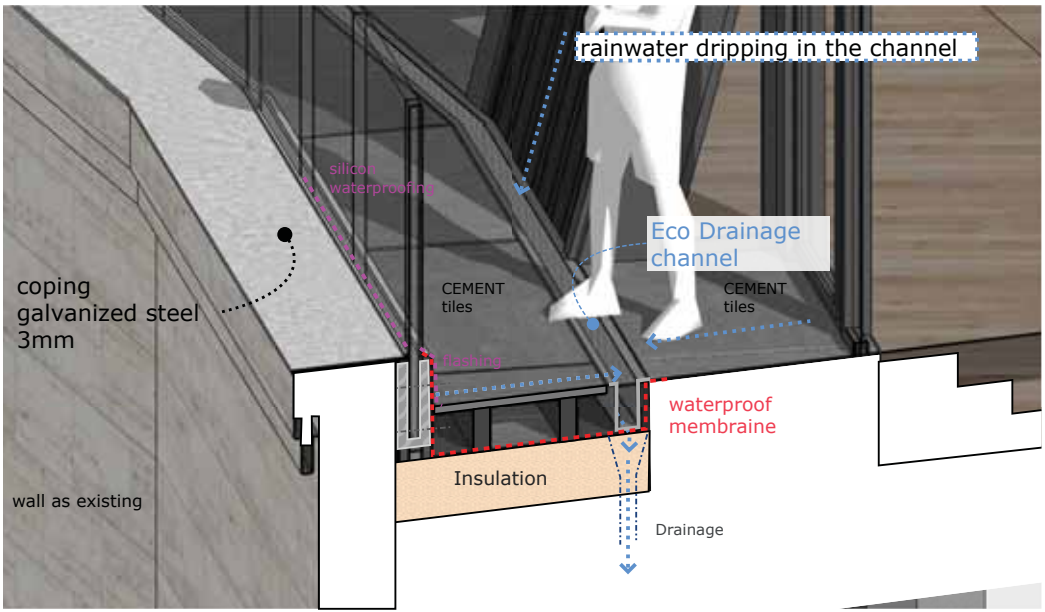
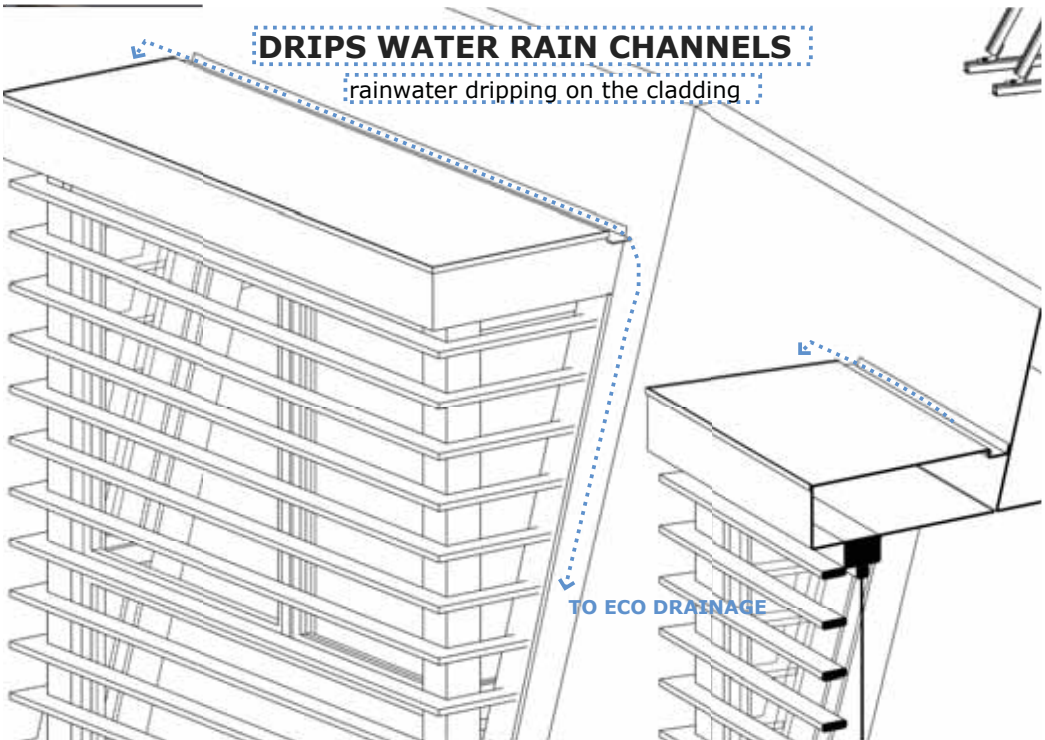
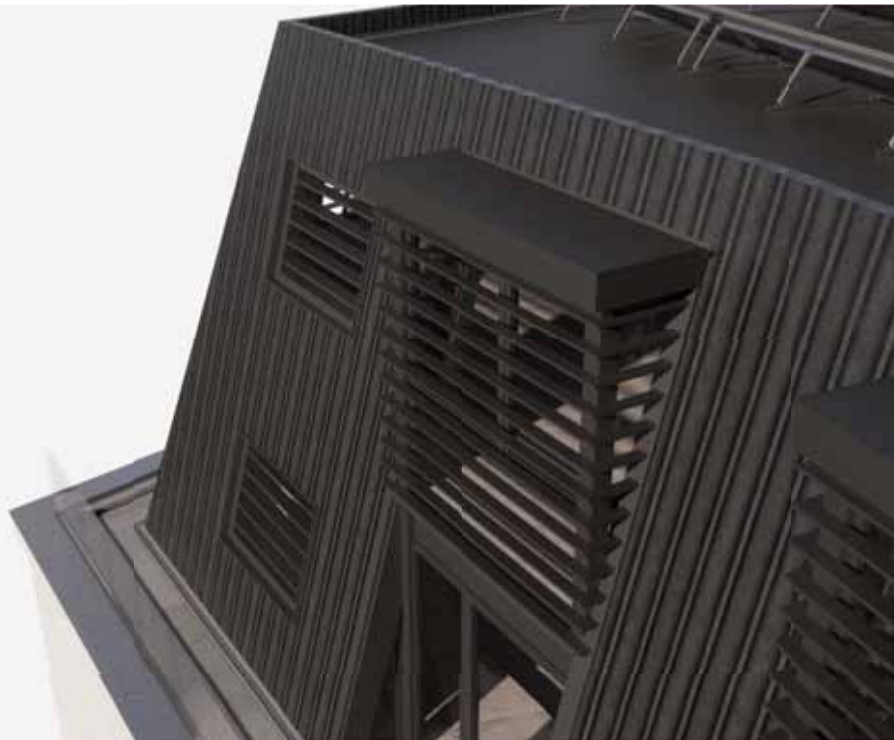
**Curtain walling  
Window**  
to manufacturer recommendation

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| A   | Strategy    | EJG | 20/09/24 |
| Rev | DESCRIPTION | By  | Date     |



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|---------------------------|---------------------|-----------|-----------|
| Project                   | Title               | Drawn     | DRG no.   |
| Barclay House, Manchester | curtain wall window | EJG - SWF | 12,982    |
| roof extension            |                     | Date      | 15DCM5    |
| Client                    |                     | 20/09/24  | Amendment |
|                           |                     | Scale     | A         |
|                           |                     | 1:x(A3)   |           |



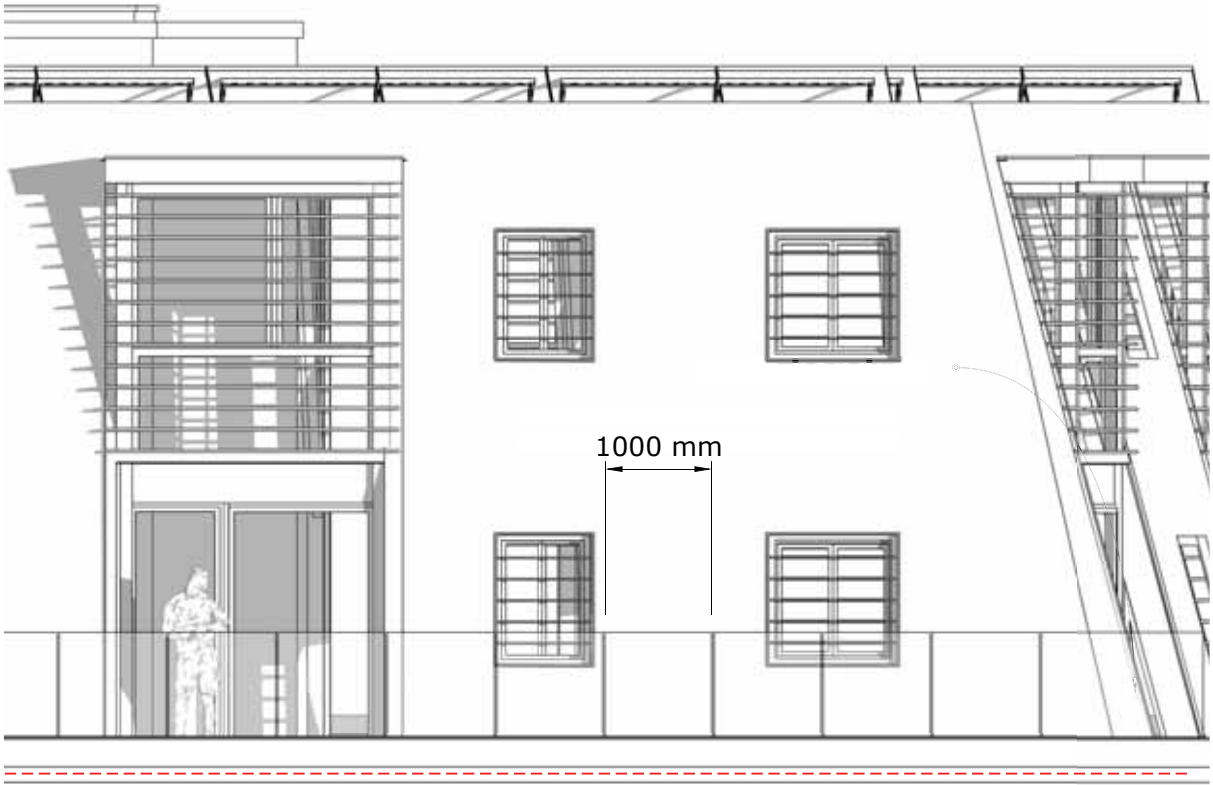
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| A   | Strategy    | EJG | 20/09/24 |
| Rev | DESCRIPTION | By  | Date     |


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 SALE, CHESHIRE, M33 7RE  
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 FAX NO. 0161 - 962 3485  
 E-MAIL : ADMIN@HOWARDANDEDSON.CO.UK

|         |                                          |
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| Project | Barclay House, Manchester roof extension |
| Client  |                                          |

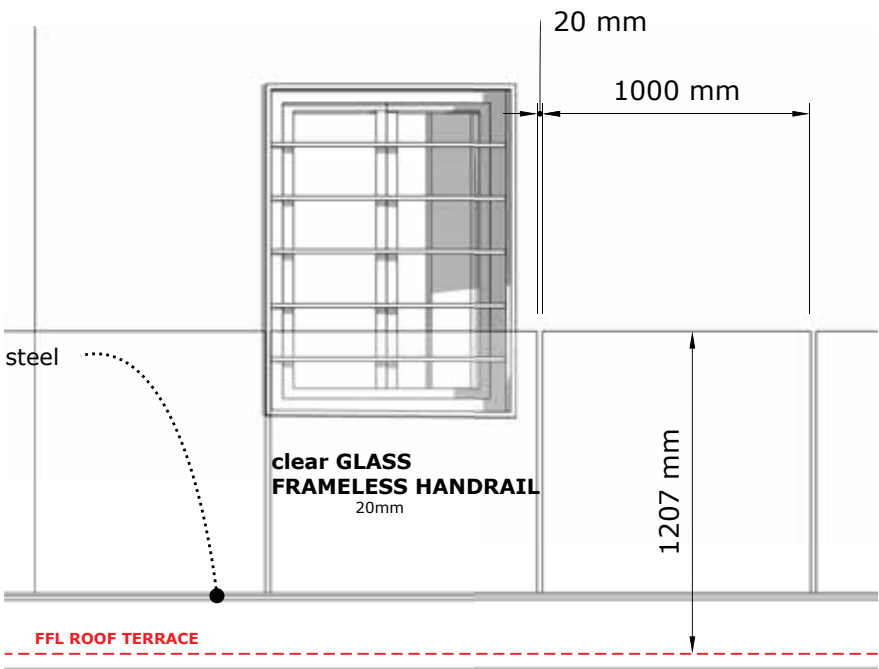
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| Title | DRIPS WATER RAIN CHANNELS |
|-------|---------------------------|

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| Drawn | EJG - SWF | DRG no.   | 12,982 |
| Date  | 20/09/24  |           | 16DCM5 |
| Scale | 1:x(A3)   | Amendment | A      |



coping  
galvanized steel  
3mm

material example



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| A   | Strategy    | EJG | 20/09/24 |
| Rev | DESCRIPTION | By  | Date     |

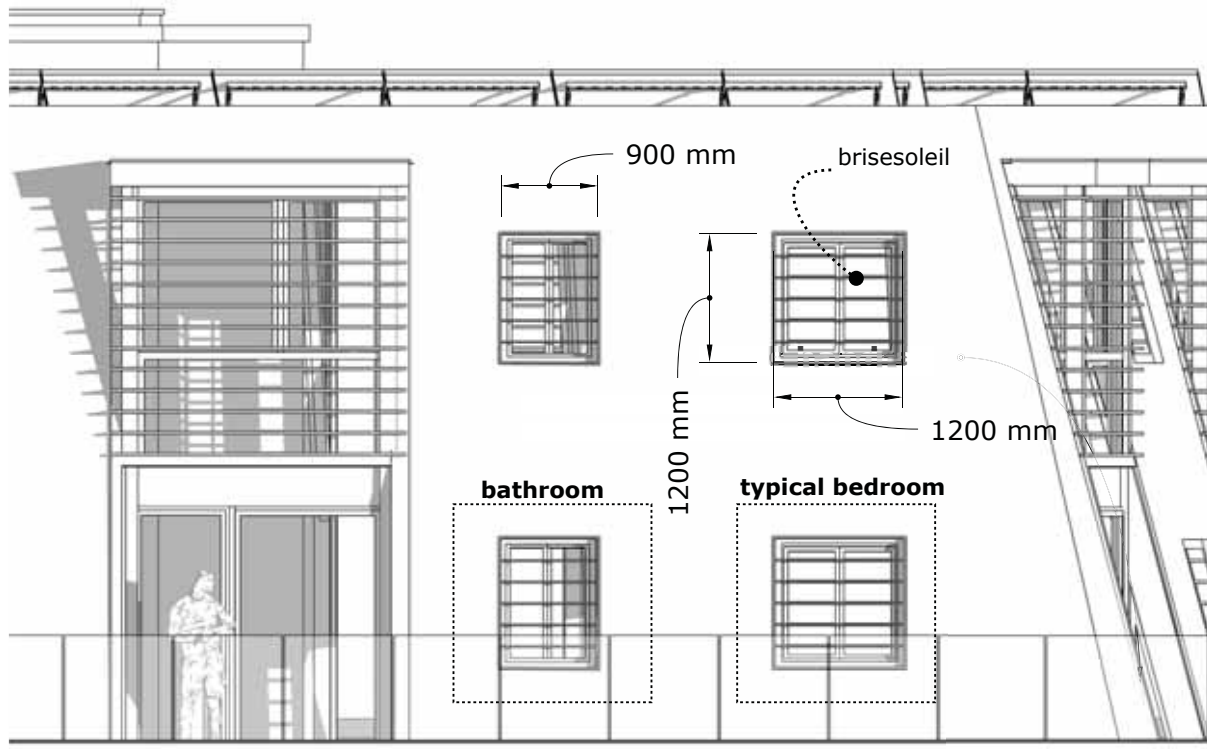


Project  
Barclay House, Manchester  
roof extension

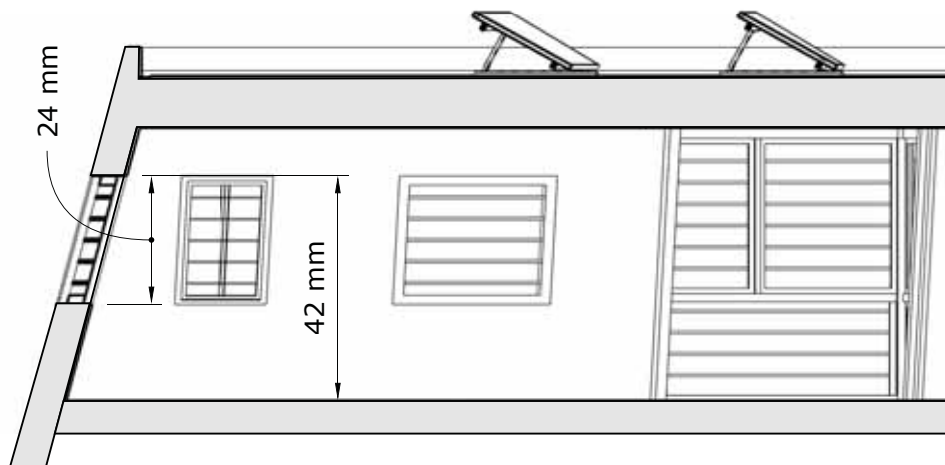
Client

Title  
typical  
Glass handrail

|                    |                          |
|--------------------|--------------------------|
| Drawn<br>EJG - SWF | DRG no.<br><b>12,982</b> |
| Date<br>20/09/24   | 17DCM5                   |
| Scale<br>1:x(A3)   | Amendment<br>A           |



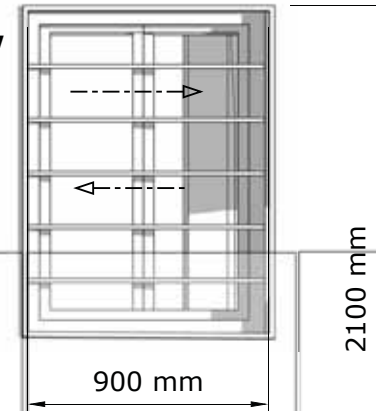
1:50



1:50

### bathroom sliding window

to manufacturer recommendation  
anthracite frames and brisesoleil (same color of the wall/roof cladding)

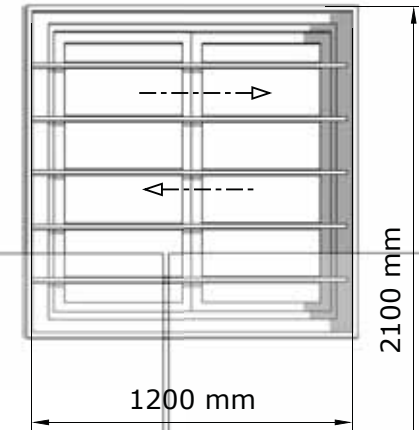


FFL ROOF TERRACE

1:20

### typical bedroom sliding window

to manufacturer recommendation  
anthracite frames and louvres



FFL ROOF TERRACE

1:20

| A   | Strategy    | EJG | 20/09/24 |
|-----|-------------|-----|----------|
| Rev | DESCRIPTION | By  | Date     |



Project  
Barclay House, Manchester  
roof extension

Client

Title  
typical  
Glass handrail

Drawn  
EJG - SWF  
Date  
20/09/24  
Scale  
1:x(A3)

DRG no.  
12,982  
18DCM5  
Amendment  
A

Quick Programme for the Production of Sample Panels

- 1. Initial Planning (1 week)
  - Define Requirements: Identify the specifications for the sample panels, including materials, dimensions, and finishes.
  - Design Approval: Get the design approved by all stakeholders.
- 2. Procurement (2 weeks)
  - Source Materials: Order the necessary materials from suppliers.
  - Logistics: Arrange for the delivery of materials to the production site.
- 3. Production (3 weeks)
  - Fabrication: Manufacture the sample panels according to the approved design.
  - Quality Checks: Perform initial quality checks during production to ensure compliance with specifications.
- 4. Final Inspection and Approval (1 week)
  - Inspection: Conduct a thorough inspection of the finished panels.
  - Approval: Get final approval from stakeholders before proceeding to full-scale production.

Strategy for Quality Control Management for the Facade

- 1. Quality Planning
  - Set Quality Objectives: Define clear quality objectives for the facade, such as durability, aesthetics, and compliance with building codes.
  - Develop Quality Plan: Create a detailed quality plan outlining the standards, procedures, and responsibilities.
- 2. Quality Assurance (QA)
  - Training: Ensure all team members are trained in quality standards and procedures.
  - Documentation: Maintain detailed records of all quality assurance activities, including material certifications and inspection reports.
- 3. Quality Control (QC)
  - Inspections: Conduct regular inspections at various stages of the facade construction, including material delivery, installation, and finishing<sup>1</sup>.
  - Testing: Perform tests on materials and components to verify their quality and compliance with specifications<sup>2</sup>.
- 4. Continuous Improvement
  - Feedback Loop: Establish a feedback loop to capture and address any quality issues promptly.
  - Review and Adjust: Regularly review the quality control processes and make adjustments as needed to improve efficiency and effectiveness<sup>1</sup>.

|     |             |     |          |                                                                                                                                                                                                                                                                                                          |                                                        |                                        |                    |                   |
|-----|-------------|-----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------|--------------------|-------------------|
|     |             |     |          |  <div>HOWARD &amp; SEDDON A.R.I.B.A.<br/>CHARTERED ARCHITECTS<br/>64 WASHINGTON ROAD<br/>SALE, CHESHIRE, M33 7RE<br/>TEL NO: 0161 - 973 8296<br/>FAX NO: 0161 - 962 3485<br/>E-MAIL: ADMIN@HOWARDANDEDSON.CO.UK</div> | Project<br>Barclay House, Manchester<br>roof extension | Title<br><br>typical<br>Glass handrail | Drawn<br>EJG - SWF | DRG no.<br>12,982 |
|     |             |     |          |                                                                                                                                                                                                                                                                                                          | Date<br>20/09/24                                       |                                        | 19DCM5             |                   |
|     |             |     |          |                                                                                                                                                                                                                                                                                                          | Scale<br>1:x(A3)                                       |                                        | Amendment<br>A     |                   |
| A   | Strategy    | EJG | 12/09/24 |                                                                                                                                                                                                                                                                                                          |                                                        |                                        |                    |                   |
| Rev | DESCRIPTION | By  | Date     |                                                                                                                                                                                                                                                                                                          |                                                        |                                        |                    |                   |