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8a Crouch Hall Road - Materials Pallet





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1. Introduction

1.1. Project Information

Project Name	8a Crouch Hall Road
Project no.	2513
Address	8a Crouch Hall Road, London N8 8HU
Client	Ms Lisa Trainer

1.2. Scope

This Schedule of Material sets out the proposed pallet of external materials as required by Condition 3 of the planning approval reference HGY/2022/2167 granted 13/1/2023.

It recognises the fact that some unauthorised work including external materials has already been undertaken and therefore seeks in part to retain what is currently present.

1.3. Drawings and Documents

The following drawings are as listed in the Decision Notice dated 15/1/2023:

2120-PA-SI-01 - Site Location and Block Plans as Existing

2120-RP-DS-01 - Design Statement

2120-PA-SI-10 - Site Location and Block Plans as Proposed

2120-RP-HS-01 - Heritage Statement

2120-PA-EX-01 - Plans and Elevations as Existing

2120-PA-PR-11-A - Plans, Sections, and Elevations as Proposed

1.4. Condition 3 - Materials

The wording of Condition 3 within the Decision Notice is as follows:

Prior to their first use on site a schedule of all external finish materials including wall and roof materials, lintels, fascias, and rainwater goods, including finish colour, shall be submitted to and agreed in writing by the Local Planning Authority. Works shall be implemented in accordance with the approved materials and details specified and shall be permanently maintained as such

Reason: To safeguard and enhance the visual amenities of the locality in compliance with Policies DM1, DM8 and DM9 of the Development Management Development Plan Document 2017.



Street Elevation on Clifton Road prior to works



Street Elevation on Clifton Road prior to works



Application Site - Aerial View



View of the garages on Clifton Road prior to demolition



Site Photographs



Boundary to 8a Crouch Hall Road from Clifton Road



Front door of 8a Crouch Hall Road



Gated entrance to 8a Crouch Hall Road



Boundary to 8a Crouch Hall Road from Clifton Road



Partially constructed side extension



Partially constructed side extension



2. Materials

2.1. Proposed Materials Palette

The proposed materials have been carefully considered to reflect and enhance the site and its immediate surroundings.

Whilst the new external finishes of the proposed boundary wall will match the of the host building with regard to colour, texture and profile of materials used, the proposed roof cladding material of the two volumes will be modern to contrast and complement the brickwork and material palette of the host building, preserving the character and appearance of the local area while adding a modern aesthetic.

2.1.1. Brickwork

Specification: Imperial Brick, 'Conservation Yellows'



Brickwork Ageing Agent: Surefix or similar, 'Liquid Weather' - Masonry Ageing Solution



2.1.2. External Wall Cladding

Specification: James Hardie, 'Hardie Plank' timber-board in Anthracite Grey - vertical slats



2.1.3. Windows and Sliding screens

Specification: Arkay Windows, double glazed aluminium sliding door system; White frames to front elevation behind timber privacy screen; Anthracite Grey to rear elevation





2.1.4. Door to street

Specification: Bespoke white oak timber boarded door with anthracite grey ironmongery



2.1.5. Mansard Roof Cladding

Specification: James Hardie, 'Hardie Plank' timber-board in Anthracite Grey - vertical slats



2.1.6. Green Roof

Specification: Bauder, 'BauderEXTENSIVE LIGHTWEIGHTsedum' roofing system



2.1.7. Glass 'Atrium' Roof

Specification: Bespoke single-glazed timber-framed roof over the unheated link space



2.1.8. Rooflights

Flat Rooflights

Specification: Toughened Glass Systems, Triple-glazed flat rooflight



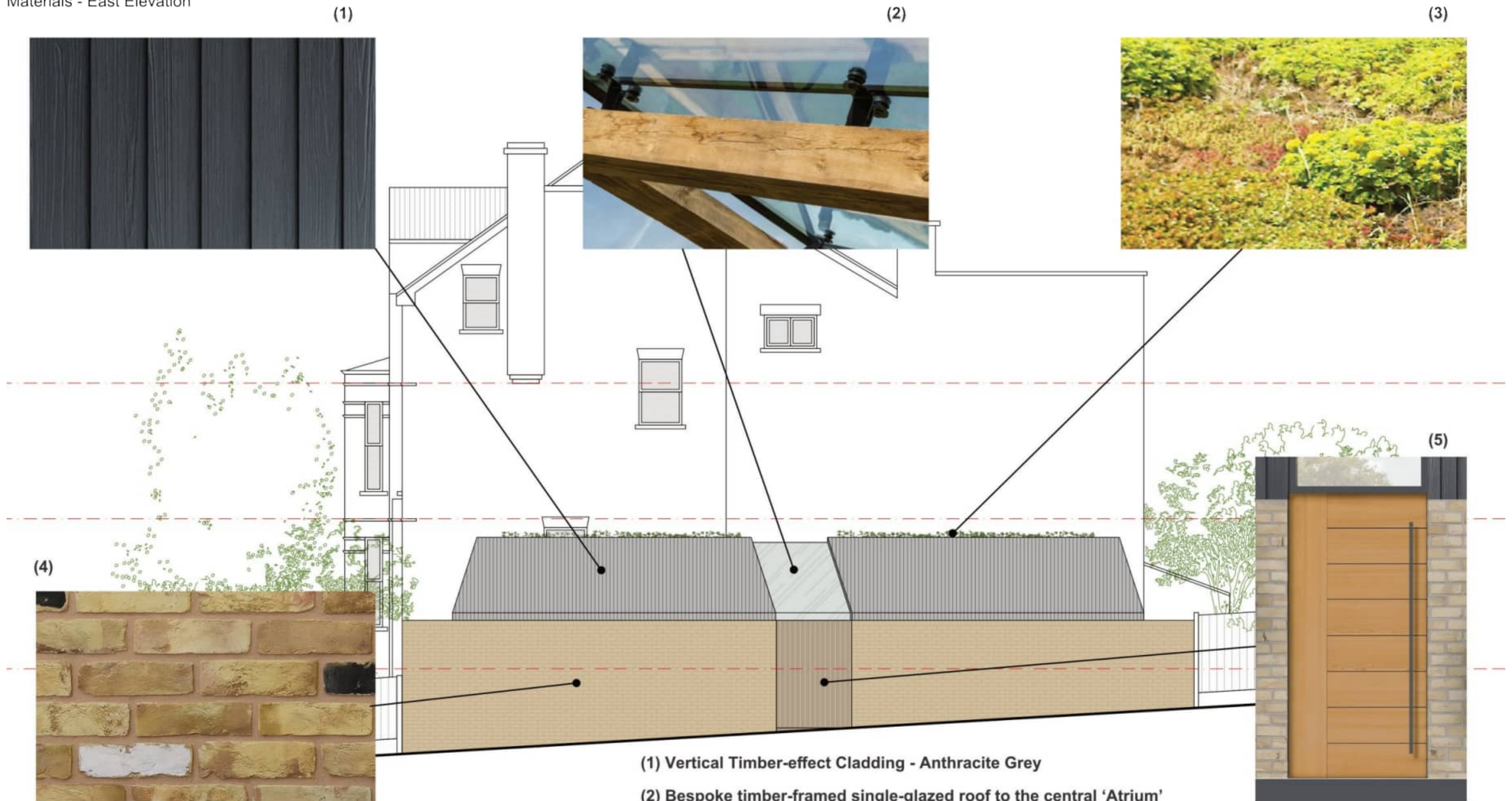


Materials - View From Clifton Road





Materials - East Elevation



(1) Vertical Timber-effect Cladding - Anthracite Grey

(2) Bespoke timber-framed single-glazed roof to the central 'Atrium'

(3) Bauder, 'BauderEXTENSIVE LIGHTWEIGHTsedum' roofing system

(4) Imperial Bricks, 'Conservation Yellow' bricks in natural mortar

(5) Bespoke White Oak timber boarded door with anthracite grey ironmongery



Materials - South Elevation

(1)

(2)

(3)



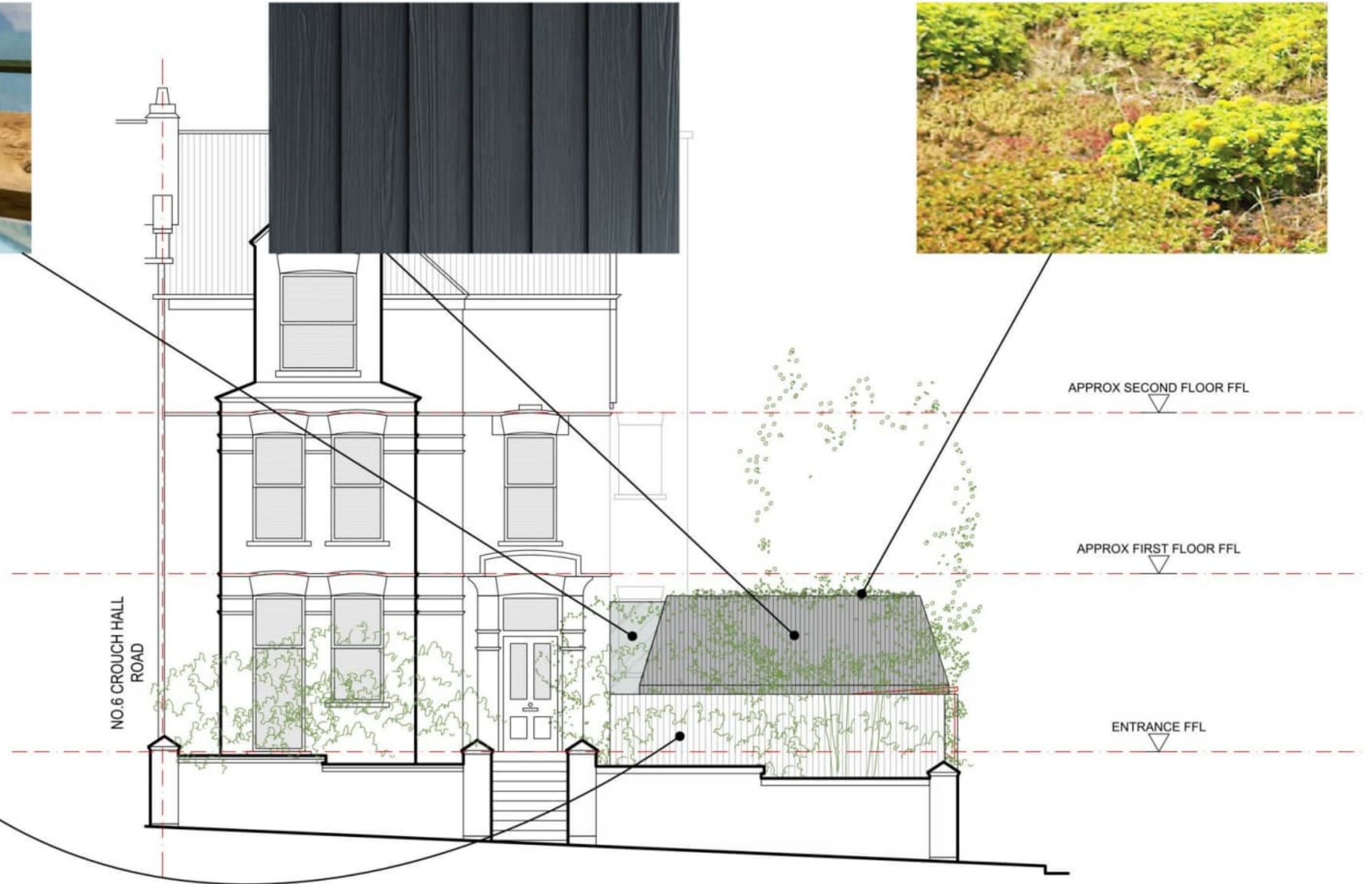
(1) Bespoke timber-framed single-glazed roof to the central 'Atrium'

(2) Vertical Timber-effect Cladding - Anthracite Grey

(3) Bauder, 'BauderEXTENSIVE LIGHTWEIGHTsedum' roofing system

NOTE: A full height timber privacy screen entirely obscures the front facade

NO.6 CROUCH HALL
ROAD





Materials - North Elevation

(1)

(2)

(3)



(1) Vertical Timber-effect Cladding - Anthracite Grey

(2) Bauder, 'BauderEXTENSIVE LIGHTWEIGHTsedum' roofing system

(3) Arkay Windows, double glazed aluminium sliding door system; White frames to front elevation behind timber privacy screen; Anthracite Grey to rear elevation

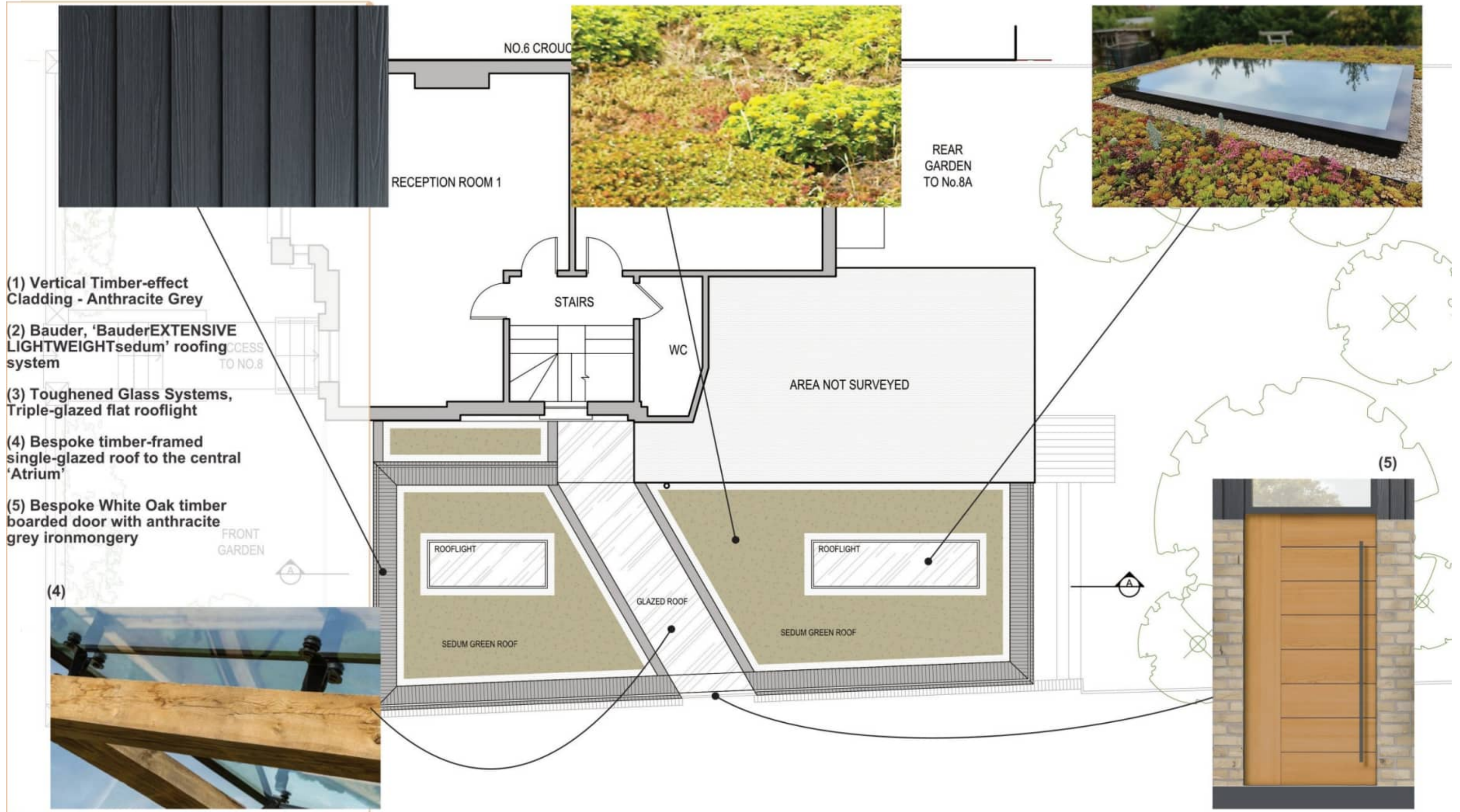


Materials - Roof

(1)

(2)

(3)





3. Summary

We believe that the specified materials are in line with the approved scheme and that they will give rise to a development that meets the expectations of the planning department.

The materials pallet presented here will sit well next to the host building, its surroundings, and will be both robust and environmentally sound.

List of Appendices

Appendix 1 - Approved Drawings

Appendix 2 - Relevant Product Literature



Appendix 1 - Approved Drawings

The following pages consist the approved drawings associated with planning approval ref: HGY/2022/2167.



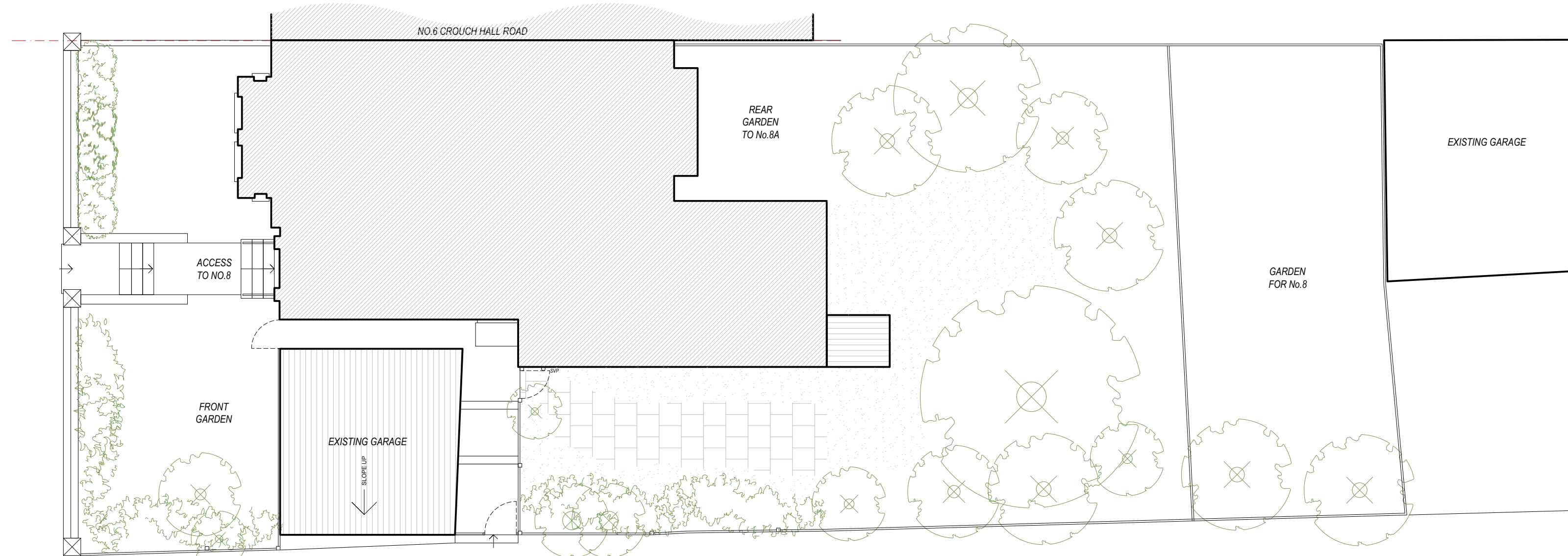
3 FRONT ELEVATION ON CROUCH HALL ROAD (SOUTH)



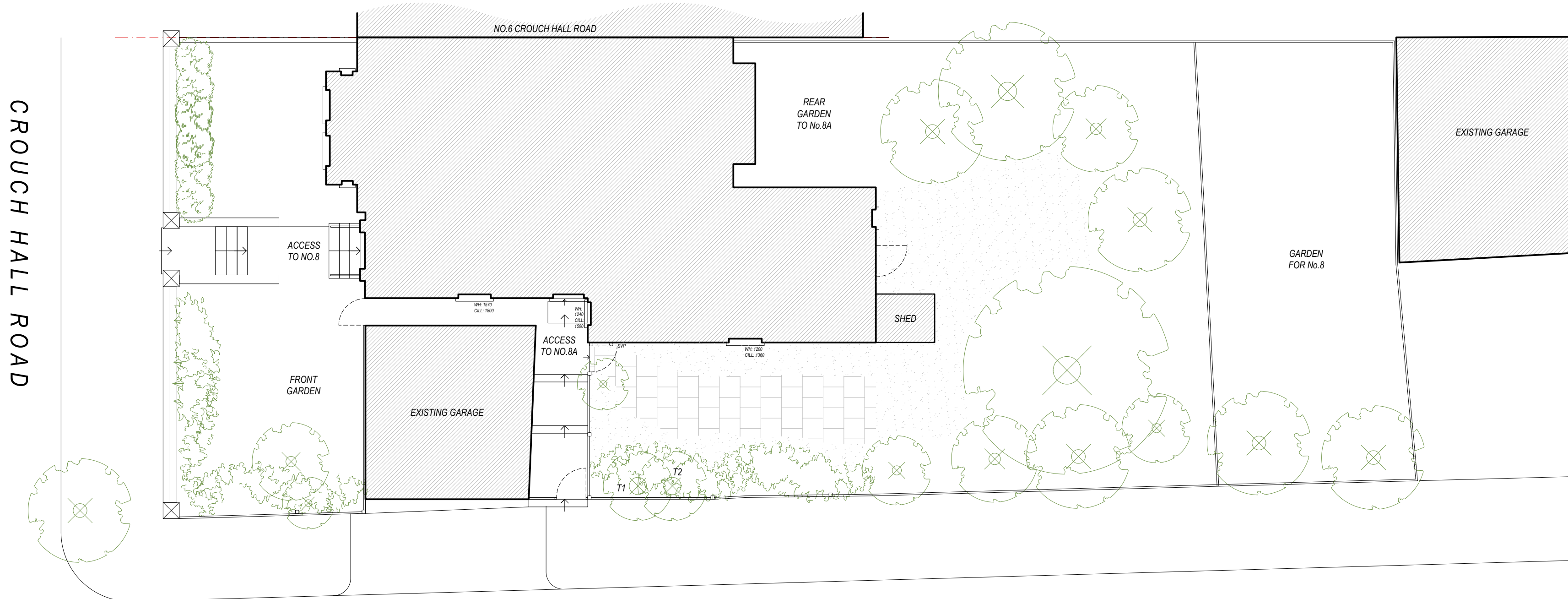
4 SIDE ELEVATION ON CLIFTON ROAD (EAST)



5 REAR ELEVATION (NORTH)

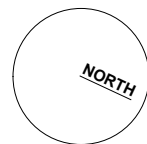


2 FIRST FLOOR PLAN



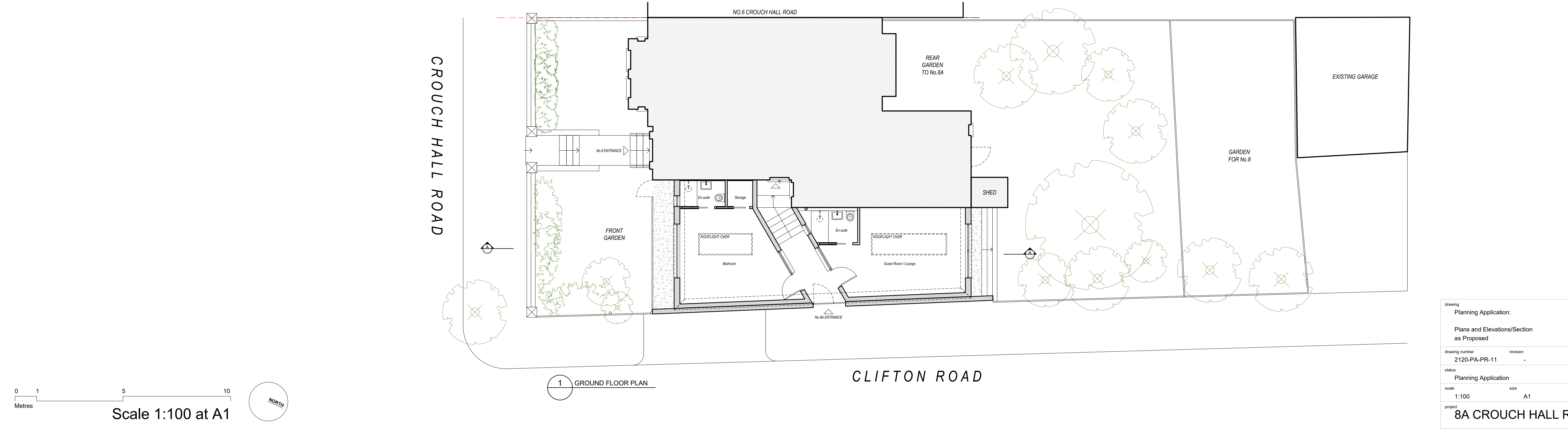
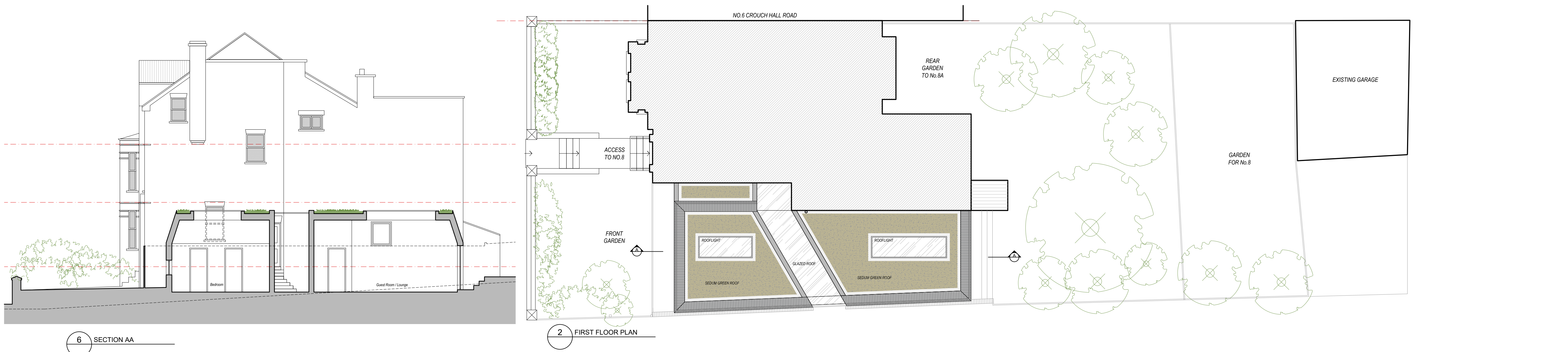
1 GROUND FLOOR PLAN

0 1 5 10
Metres
Scale 1:100 at A1



CLIFTON ROAD

drawing Planning Application: Plans and Elevations as Existing		 architects This drawing and design is for use solely in connection with the project described below. The drawing and the design is the copyright of H and J architecture and must not be reused, loaned or copied without written consent. All dimensions and setting out to be checked on site before construction. Do not scale from this drawing. The drawing is to be read in conjunction with all other information relevant to the project. Any apparent discrepancy to be brought to the attention of the architect.
drawing number 2120-PA-EX-01	revision -	
status Planning Application		
scale 1:100	size A1	
project 8A CROUCH HALL ROAD		
12 Blackstock Meads London N4 2BT t: +44 (0) 20 7998 7651 m: +44 (0) 78 6267 6709 e: mail@hjaarchitecture.co.uk		



drawing Planning Application:		 architects This drawing and design is for use only in connection with the project described below. The drawing and the design is the copyright of H and J architecture and must not be reused, loaned or copied without written consent. All dimensions and setting out to be checked on site before construction. Do not scale from this drawing. The drawing is to be read in conjunction with all other information relevant to the project. Any apparent discrepancy to be brought to the attention of the architect.
Plans and Elevations/Section as Proposed		
drawing number 2120-PA-PR-11	revision -	
status Planning Application		
scale 1:100	size A1	
project 8A CROUCH HALL ROAD		

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Appendix 2 - Relevant Product Literature

The following pages consist relevant product literature related to the specified materials a products.



CONSERVATION YELLOW STOCK



PRODUCT CODE	HMCONYELL/65 HMCONYELL
BRICK TYPE	Through colour clay handmade brick.
SPECIFICATION	Manufactured to BS EN 771-1
SIZE	65 x 215 x 102.5mm 68 x 228 x 108mm
DIMENSIONAL TOLERANCE	TM
RANGE	RM
COMPRESSIVE STRENGTH	Mean – 13.4 N/MM ²
WATER ABSORPTION	Mean – 22%
SOLUBLE SALT CLASSIFICATION	S2
DURABILITY	F2
PACKAGING	Shrink wrapped on wooden pallets in packs of 360 (65 x 215mm) 360 (68 x 228mm)
PACK SIZE: L X W X H	1100 x 1100 x 1100mm Approx.
PACK WEIGHT	1.5 Tonnes Approx.
USAGE	Always mix from several packs, working vertically down the blades, not horizontally across the tops of the packs.
PERFORMANCE	The recommendations of good practice made in the relevant British Standards regarding design and workmanship must be fully observed. Liability cannot be accepted for the performance of the product if used outside our recommendations. Guidance on the use of these bricks in specific situations is readily available from us.
DOP COMMON ROOT REF CODE	CAT 44 – CY – 2021



For more information on products, services, advice and technical guidelines please contact our Sales Team.

01746 330994
sales@imperialbricks.co.uk
www.imperialbricks.co.uk

Individual bricks may vary dimensionally; this is a natural characteristic of fired clay bricks and is catered for in BS EN 771-1.
 Technical data correct at time of issue. Always order samples before purchasing and follow good site practice guidelines.



Sedex Member



VERISIO

LUCIDEON



UK
CA

BauderEXTENSIVE LIGHTWEIGHTsedum

XF 301 lightweight sedum system

BauderEXTENSIVE LIGHTWEIGHTsedum system uses a single layer sedum system. Where the roof is laid to a fall of $\geq 2^\circ$ (1:30) the XF 301 product can be laid directly onto the waterproofing. When laid on flat roofs $< 2^\circ$, an additional SDF drainage mat (layer 3 below) is fitted. XF 301 also contains a moisture mat which retains up to 5 litres of water/m² which improves drought resistance.

	Function	Product name	Thickness (mm)	Weight (kg/m ²)	Extensive lightweight sedum system
1	Vegetation*	BauderGREEN XF 301 Sedum Blanket*	28	44	
2	Edge trim	BauderGREEN AL 40 drainage trim	40	Nominal	
3	Drainage Mat	BauderGREEN SDF drainage and protection mat	20	0.6	
4	Underlying Waterproofing	Bauder's underlying waterproofing system	Not Included	Not Included	
System Build-up			48	45	
*Bauder supply deeper, substrate base sedum green roofs see SB sedum on Substrate Systems.					
In-depth and up-to-date product specific technical data is available for each element within a system. Download from our website bauder.co.uk/technical-centre					
Please note: All green roofs require water during times of drought. Bauder recommend that the watering and maintenance of this roof is considered and addressed during its design.					



Characteristics of the system

- Ideally suited to lightweight wooden roof decks or any building where weight and depth of the green roof system is critical.
- GRO compliant substrate is held within a nylon mesh with attached moisture mat. The sedum blanket is grown for circa 12 months and contains up to 17 species of sedum
- Lightweight drainage layer prevents waterlogging of the sedum plants
- The AL 40 edge trim frames the sedum and prevents wind uplift
- System can be laid on any of the Bauder Waterproofing solutions
- Comprehensive guarantee packages to meet project requirements. Bauder's "Green Roof Promise" is available for this system

System summary



Accreditations and approvals



System variations are available to the specifier so that a tailored solution meets the needs of the building. The selection of products should be confirmed with our technical department to ensure suitability for the individual construction requirements of the flat roof.

E: technical@bauder.co.uk

T: 01473 257671

OPTIONS AVAILABLE

Bauder supply a number of green roof solutions for flat and pitched roofs. Including sedum, wildflower and biodiverse vegetation. Further details can be found on our website:

<https://www.bauder.co.uk/technical-centre/specification-resources/green-roof-systems>

In-depth and up-to-date product specific technical data is available for each component within a system.

Download from our website [bauder.co.uk/technical-centre](https://www.bauder.co.uk/technical-centre)

System fire performance

BauderEXTENSIVE LIGHTWEIGHTsedum XF 301 system can achieve B_{ROOF} t4 when tested as part of a full Bauder warm roof build-up. The systems tested include BTGRS and Thermofol Single-ply waterproofing systems with 60 to 260mm of PIR insulation. Due to our regular fire testing clients are advised to check with Bauder Technical to confirm the latest details of any other system build-ups tested. The full test results are available on request.

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant BBA certificate. Please ensure you are aware of which permutations currently have a stated performance against fire by viewing and downloading the BBA certificate from our website

[bauder.co.uk/technical-centre](https://www.bauder.co.uk/technical-centre)

Bauder continually tests its systems for fire performance and so if the permutation of products you are specifying is not stated in our latest BBA certificate please contact technical@bauder.co.uk for clarification.

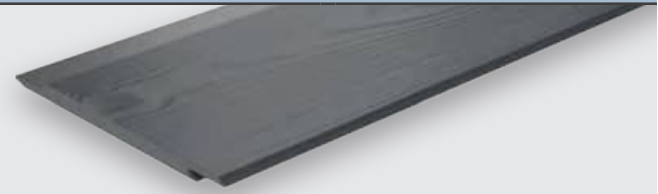
02 Technical Attributes

Hardie® Plank weatherboard	
	
Thickness	8 mm
Length	3 600 mm
Width	180 mm
Coverage	0.54 m² with 30 mm lap (Approx 2 planks per m²) 0.65 m² with full board
Weight per piece	7.4 kg
Weight per surface area	11.2 kg/m²
Raw density	1 300 kg/m³
Material class (EN 13501-1)	Non-combustible, A2-s1,d0
Tensile strength	After storage, dry > 10 MPa After storage, wet > 7 MPa
Relative linear expansion, 30–90% rel. air humidity	≤ 0.05 %
Category and Class acc. to EN 12467	Category A, Class 2
Thermal conductivity	l _{10,tr} = 0.23 W/mK
Heat transfer resistance	R _{10,tr} = 0.035 (m²K)/W

Wind Load Table

Type of sub-structure	Batten separation [mm]	Type of fixings/ Dimensions [mm]	Max. Wind-load [kPa]
Timber battens (min. 25×50mm or 38×50mm) When lining blockwork	400/600	2.8×51×6.5 D-head nails, Paslode	1.87/1.33
	600	2.5×35×7 round head nails, eg. Paslode (IM45)	1.33
	600	Hardie™ Clip reinforcement clip with 2.8×51×6.5 D-head nails	2.07
	600	3.0×50×10 round head nails	1.7
	600	4.0×35×8 countersunk head screws	1.4
Timber battens (min. 38×50 mm) When lining blockwork	400	Hardie™ Plank & Hardie™ VL Plank Screw for Timber Frame, T15 Torx 4.2Ø x 40mm, 9.5mmØ head A2 Stainless Steel	2.53
	600		2.0
Galvanised Steel Top Hat (1.2mm gauge)	400	Hardie™ Plank & Hardie™ VL Plank Screw for Metal Frame, T10 Torx 4.2Ø x 32mm, 9.5mmØ head A2 Stainless Steel	2.66
	600		1.53
Aluminium Rail (2.0mm gauge)	400	Hardie™ Plank & Hardie™ VL Plank Screw for Metal Frame, T10 Torx 4.2Ø x 32mm, 9.5mmØ head A2 Stainless Steel	2.4
	600		1.73

* Published figures include a safety factor of 3x

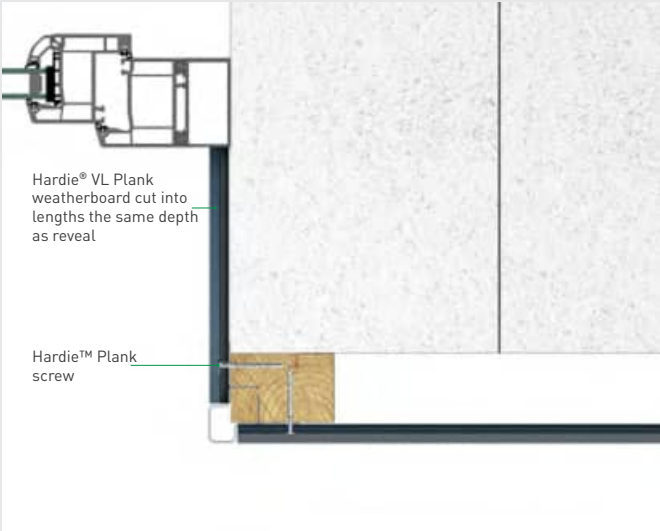
Hardie® VL Plank weatherboard	
	
Thickness	11 mm
Length	3 600 mm
Width	214 mm (usable 182 mm)
Coverage	0.66 m²
Weight per piece	10.5 kg
Weight per surface area	13.6 kg/m²
Raw density	1 300 kg/m³
Material class (EN 13501-1)	Non-combustible, A2-s1,d0
Tensile strength	> 15 MPa at right angles to the direction of fibres > 11 MPa parallel to direction of fibres
Relative linear expansion, 30–90% rel. air humidity	≤ 0.05 %
Category and Class acc. to EN 12467	Category A, Class 2
Thermal conductivity	l _{10,tr} = 0.23 W/mK
Heat transfer resistance	R _{10,tr} = 0.048 (m²K)/W

Wind Load Table

Type of sub-structure	Batten separation [mm]	Fixing elements/ Dimensions [mm]	Max. Wind-load [kPa]
Timber battens (min. 38×50mm) When lining blockwork	400	Hardie™ Plank & Hardie™ VL Plank Screw for Timber Frame, T15 Torx 4.2Ø x 40mm, 9.5mmØ head A2 Stainless Steel	2.53
	600		2.0
	400	Paslode IM45 2.5 x 35x 7 mm round head	1.8
Galvanised Steel Top Hat (1.2mm gauge)	400	Hardie™ Plank & Hardie™ VL Plank Screw for Metal Frame, T10 Torx 4.2Ø x 32mm, 9.5mmØ head A2 Stainless Steel	2.66
	600		2.13
Aluminium Rail (2.0mm gauge)	400	Hardie™ Plank & Hardie™ VL Plank Screw for Metal Frame, T10 Torx 4.2Ø x 32mm, 9.5mmØ head A2 Stainless Steel	2.4
	600		1.73

* Published figures include a safety factor of 3x

Window Details with Hardie® VL Plank weatherboard Line Cont.



09 Vertical Installation of Hardie® VL Plank weatherboard

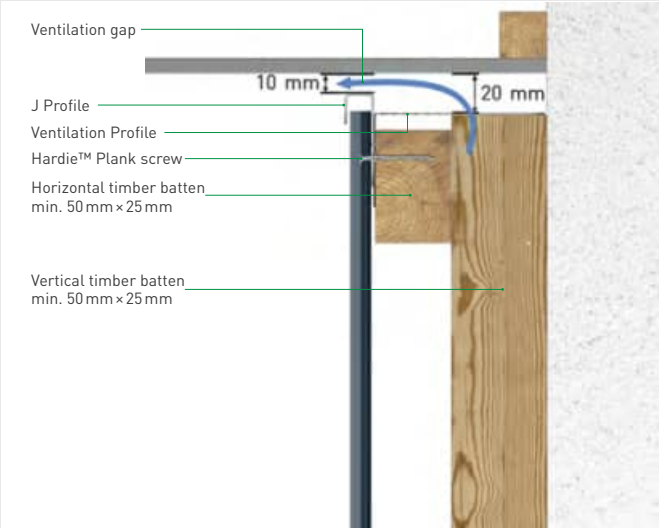
General Arrangement

To facilitate vertical installation and maintain sufficient ventilation, counter battens should be installed horizontally over the vertical frame to support the

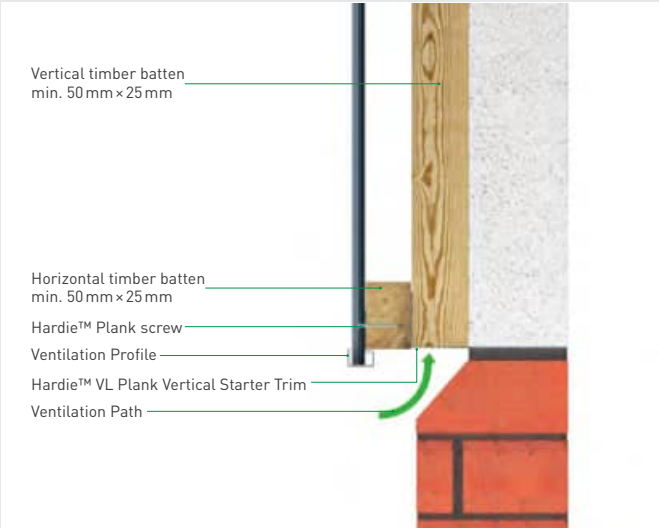
vertical planks. The centres for both vertical and horizontal timbers should not exceed 600 mm centres.



Top Detail

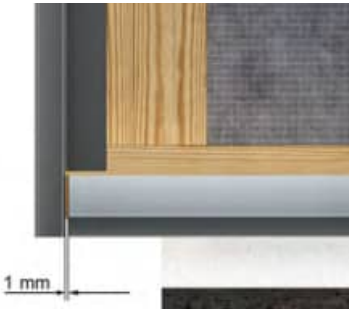


Base Detail



Fitting the Vertical Starter Trim

If using the Metal External Corner, notch out the metal wing by 50 mm from the lower edge up and position 13 mm lower than the timber batten. This is to accommodate the size of the starter trim and guarantee it sit level with the lower edge of the corner trim.



Fitting the first Hardie® VL Plank weatherboard vertically

For a better finish, cut off the groove edge of the board so that you start with a square edge into the corner trim. Then, with the board positioned vertically, slot the lower edge of the board into the starter trim then butt into the corner leaving a 1 mm gap. The starter trim will both hold the planks into position and cover the cut ends.



Fixing the second and subsequent boards

The next board is also set into the starter profile then carefully interlocked with the first in such a way that a V-shaped joint is formed. On a level plane, the weatherboard

will interlock together with ease but should there be any irregularities within the substrate, tap carefully with a rubber mallet and a scrap piece of board, so the cladding sits together flush.



Fixing into the soffit

Use the J profile as a finishing detail between the top edge of the boards and soffit. Be sure to position the profile, 10 mm down from the soffit to

allow for ventilation. The boards are cut 8 mm shorter from the top edge of the profile to allow for sufficient movement when installing.



10 Maintenance

Annual Inspection

Under normal atmospheric conditions Hardie® Plank weatherboard does not require much maintenance to maintain its strength, properties and function. Environmental impacts may, however, influence the visual appearance of the facade weatherboard. Therefore, an annual inspection of the ventilation gaps, joints and fixings is a good idea. Detection and repair of possible damage will ensure a longer life for the facade weatherboard.

Impact from Nature

The weather and nearby green plants may affect the appearance of the facade cladding. Pollution, dirt, leaves from trees, bushes and flowers will have an impact on the façades appearance. Hardie® Plank weatherboard is manufactured from weather resistant raw materials and will not be attacked by algae, rot and dry rot.

Coastal locations can be very aggressive due to salt laden moist air and windblown sand. It is recommended that the frequency of inspection procedures in such locations be increased and that any maintenance be undertaken before damage occurs. It is recommended to pay attention to the corners of weatherboard specifically around window, doors and the corners of facade particularly those facing the prevailing wind direction.

Repairing Hardie® Plank weatherboard

Hardie® Plank weatherboard should be replaced by removing the damaged board, gently lifting the board immediately above and inserting the new board. The board is then fixed by face nailing through the top board.

Cleaning

Hardie® Plank weatherboard can be cleaned with cold or lukewarm water, if necessary with the addition of a mild household cleaning agent not containing solvents. Always start from the top with well-defined areas. Rinse with plenty of clean water until the facade is perfectly clean. Before cleaning full scale, it is recommended to test the chosen cleaning method on a smaller area to make sure it is likely to be successful. The weatherboard should be cleaned a minimum of once a year.

Important Note:

Do not use high pressure cleaning systems on fibre cement weatherboard, as this may damage the surface and paint finish.

EDGEGLIDE⁺

INLINE SLIDING DOOR

EXPAND
YOUR
HORIZONS



Arkay Windows is a specialist large-scale fabricator *with over 45 years* experience based in Watford, North West London.

Through growth built on putting our customers first, we have risen to supply some of the country's biggest retail companies, contractors and commercial installers.

 **Arkay Windows**



Watford: 01923 803923
London: 020 8889 6821

edgeglide@arkaywindows.com
arkaywindows.com

EdgeGLIDE+ V2

Expand your horizons with this slim, thermally efficient sliding door.

 **Arkay Windows**



 **Arkay Windows**

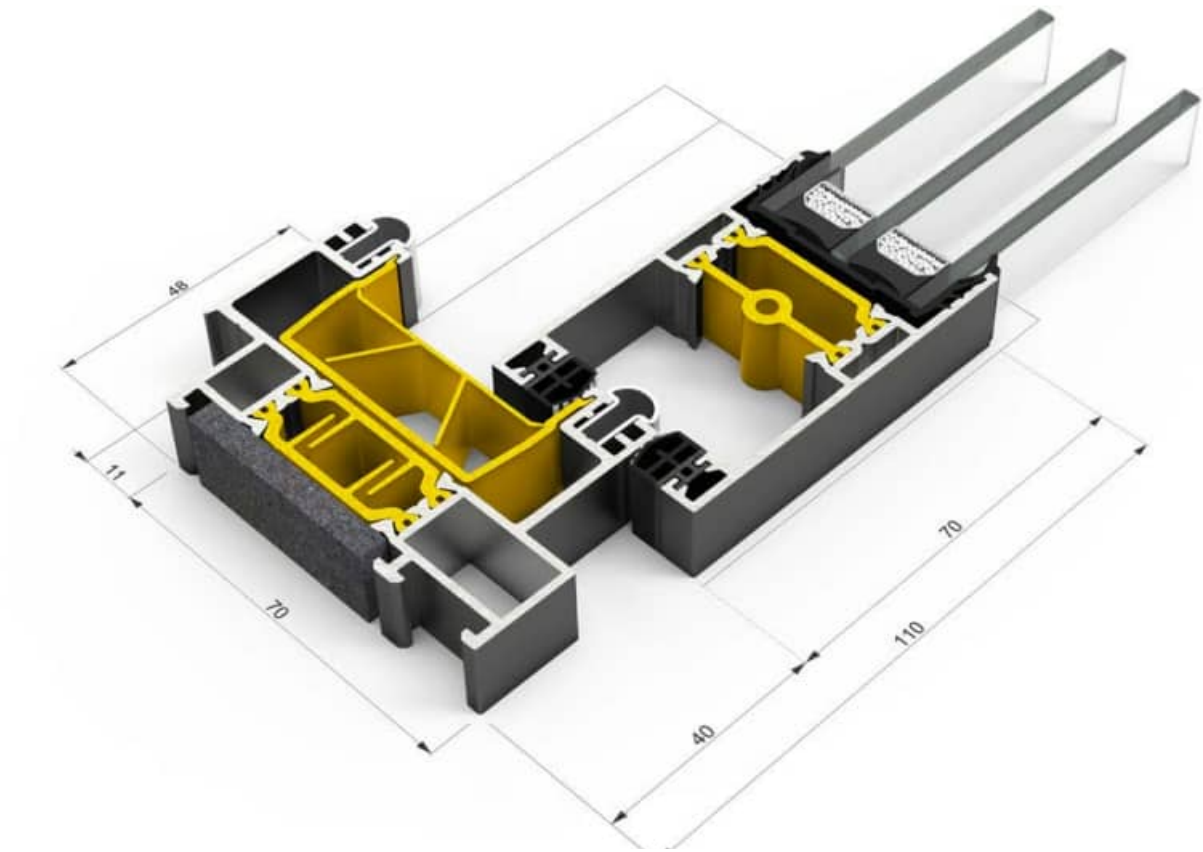
EDGEGLIDE⁺

THE AMAZINGLY
SLEEK NEW INLINE
SLIDING DOOR

Choose your design, choose your view. EdgeGlide is the sleek sliding door which combines top quality, colour-matched hardware with elegant design. So the look of your door can match the look of your outdoors.

- Modern Square Look
- Ultra Slim 35mm Interlock
- Up to 2.2m x 2.6m per panel
- Stylish Colour-Matched Hardware
- U-Value From 1.2 W/m²K
- Double or Triple Glazing
- Multi-Point Locking
- 70mm Frame Depth For Easy Replacement
- Kit Frame and Sash Option For Full Site-Assembly

EDGEGLIDE⁺
INLINE SLIDING DOOR



**Size
Limits**

Maximum Panel Width	2200 mm
Maximum Panel Height	2600 mm
Maximum Panel Weight	240 kg

THRESHOLD HEIGHT	48 mm	
GLAZING THICKNESS	14 - 36 mm	
GLAZING METHOD	Wrap-Around	
GLAZING	Double or Triple	
SIGHTLINE (TYPICAL)	35 mm	
FRAME DEPTH	2 RAIL	70 mm
FRAME DEPTH	3 RAIL	126 mm

PERFORMANCE	
U-VALUE	From 1.2 W/m²K
AIR PERMEABILITY	Class 4
WATER TIGHTNESS	Class 7A
WIND RESISTANCE	Class C5
ENHANCED SECURITY	Multi-Point Locking
MAXIMUM ACOUSTIC INSULATION	40 dB Rw

