



**DRAWING NOTES:**  
All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.  
Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.  
Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.  
This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.  
All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.  
Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.  
DO NOT SCALE FROM THIS DRAWING.

**DRAWING NOTES:**

**DRAWING KEY:**

- A** New double-glazed window to existing opening; detail to match existing
- B** New double-glazed window/ door to existing opening; detail to match existing; to replace existing roller shutter
- C** New double-glazed window to enlarged existing opening (cill lowered); detail to match existing
- D** New double-glazed window to new opening; detail to match existing

- E** New louvred panel & door to existing opening; to replace existing roller shutter
- F** New roof cladding & structure to existing warehouse; to match profile of existing roof
- G** New rooflights
- H** New infill extension to existing flat roof
- I** New louvred panel to enlarged rooflight
- J** New louvred panel to roof



Site A Application Boundary

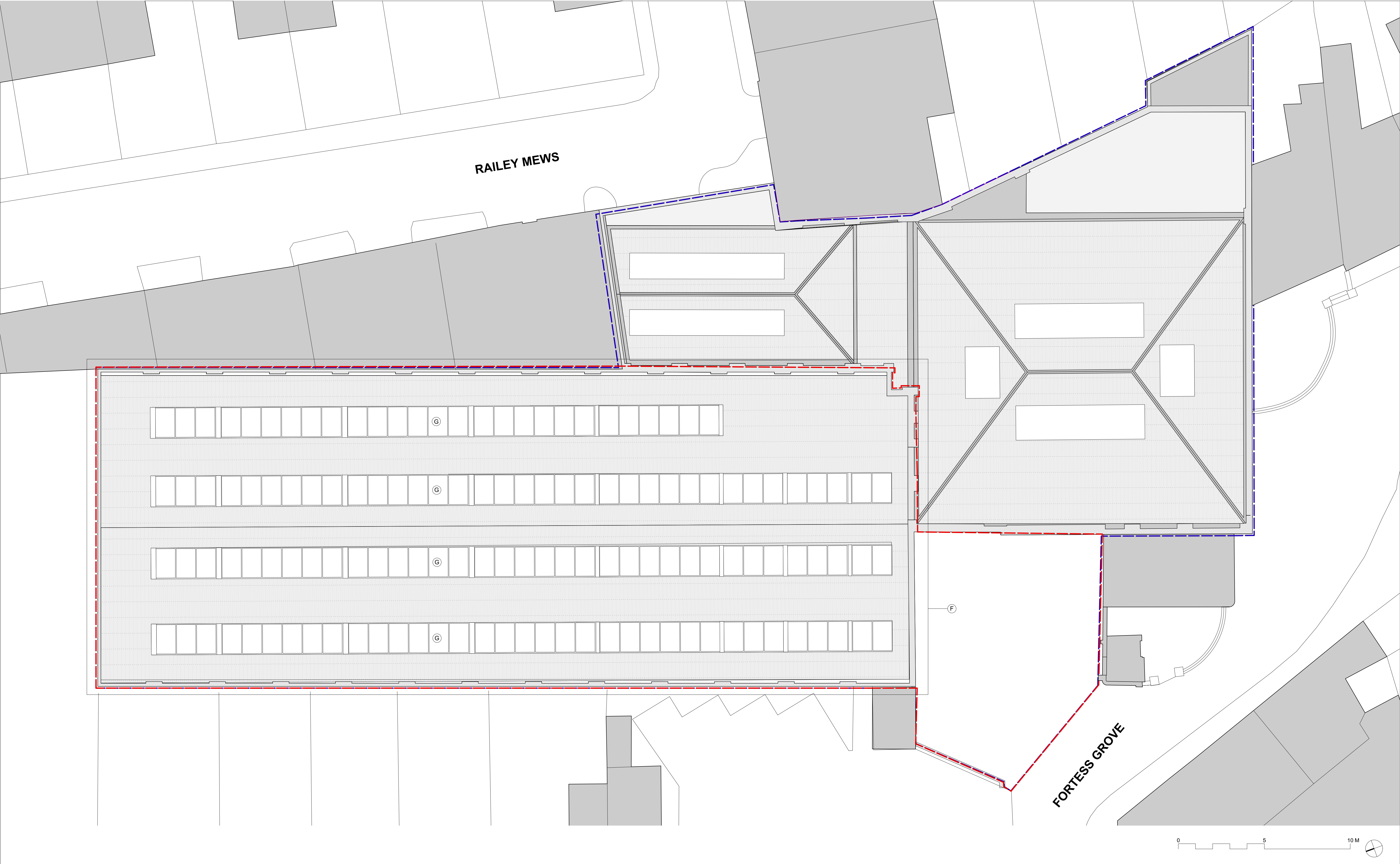


Development Boundary

PL	Issued for Planning	14.07.2017
STATUS	REVISION	DATE

DRAWING		Proposed General Arrangement Ground Floor Plan	
SCALE	1:100 @ A1 (1:200 @ A3)	DRAWING FILE REF	1014-EX-Floor Plans
DATE	Jul 2017	DRAWN BY	BGY
DWG No.	1014-PL-A-00	REVISION	-
DRAWING STATUS		PLANNING	
Information contained on this drawing is the sole copyright of Buckley Gray Yeoman and is not to be reproduced without their permission.			

Buckley Gray Yeoman	
Studio 4.04 The Tea Building 56 Shoreditch High Street London E1 6JJ T: 020 7033 9913 F: 020 7033 9914	
CLIENT	Fortess 2016 Ltd
PROJECT	Workshop A, Fortess Grove



**DRAWING NOTES:**  
All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.  
Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.  
Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.  
This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.  
All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.  
Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.  
DO NOT SCALE FROM THIS DRAWING.

DRAWING NOTES:		DRAWING KEY:	
<b>A</b>	New double-glazed window to existing opening; detail to match existing	<b>E</b>	New louvred panel & door to existing opening; to replace existing roller shutter
<b>B</b>	New double-glazed window/ door to existing opening; detail to match existing; to replace existing roller shutter	<b>F</b>	New roof cladding & structure to existing warehouse; to match profile of existing roof
<b>C</b>	New double-glazed window to enlarged existing opening (cill lowered); detail to match existing	<b>G</b>	New rooflights
<b>D</b>	New double-glazed window to new opening; detail to match existing	<b>H</b>	New infill extension to existing flat roof
		<b>I</b>	New louvred panel to enlarged rooflight
		<b>J</b>	New louvred panel to roof

Site A Application Boundary

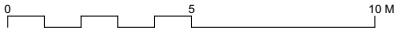
Development Boundary

PL1	Revision to Rooflights
PL	Issued for Planning
STATUS REVISION	

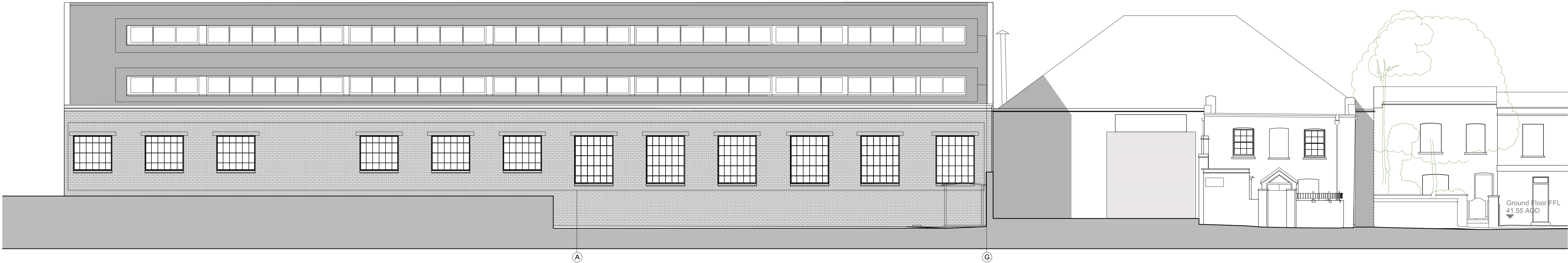
DRAWING	Proposed General Arrangement Roof Plan		
SCALE	1:100 @ A1 (1:200 @ A3)	DRAWING FILE REF 1014-PL-Floor Plans	
DATE	Jul 2017	DRAWN BY	BGY
DWG No.	1014-PL-A-RF	REVISION	A
DRAWING STATUS	PLANNING		
Information contained on this drawing is the sole copyright of Buckley Gray Yeoman and is not to be reproduced without their permission.			

Buckley Gray Yeoman	
Studio 4.04 The Tea Building 56 Shoreditch High Street London E1 6JJ T: 020 7033 9913 F: 020 7033 9914	
CLIENT	Fortess 2016 Ltd
PROJECT	Workshop A, Fortress Grove





<p><b>DRAWING NOTES:</b></p> <p>All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.</p> <p>Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.</p> <p>Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.</p> <p>This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.</p> <p>All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.</p> <p>Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.</p> <p>DO NOT SCALE FROM THIS DRAWING.</p>	<p><b>DRAWING NOTES:</b></p> <p><b>DRAWING KEY:</b></p> <p><b>A</b> New double-glazed window to existing opening; detail to match existing</p> <p><b>B</b> New double-glazed window/ door to existing opening; detail to match existing; to replace existing roller shutter</p> <p><b>E</b> New louvred panel &amp; door to existing opening; to replace existing roller shutter</p> <p><b>F</b> New roof cladding &amp; structure to existing warehouse; to match profile of existing roof</p> <p><b>G</b> New rooflights</p>	<p>PL</p> <p>Issued for Planning</p> <p>14.07.2017</p> <p>STATUS REVISION</p> <p>DATE</p>	<p>DRAWING</p> <p><b>PROPOSED SOUTH ELEVATION</b></p> <p><b>(Fortess Grove- South)</b></p> <p>SCALE 1:100 @ A1 (1:200 @ A3)</p> <p>DATE Jul 2017</p> <p>DWG No. 1014-PL-A-14</p> <p>DRAWING STATUS <b>PLANNING</b></p> <p>Information contained on this drawing is the sole copyright of Buckley Gray Yeoman and is not to be reproduced without their permission.</p>	<p>DRAWING FILE REF 1014-PR-Elevations</p> <p>DRAWN BY <b>BGY</b></p> <p>REVISION -</p> <p>CLIENT <b>Fortess 2016 Ltd</b></p> <p>PROJECT <b>Workshop A, Fortess Grove</b></p>



**DRAWING NOTES:**  
All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.

Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.

Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.

This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.

All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.

Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.

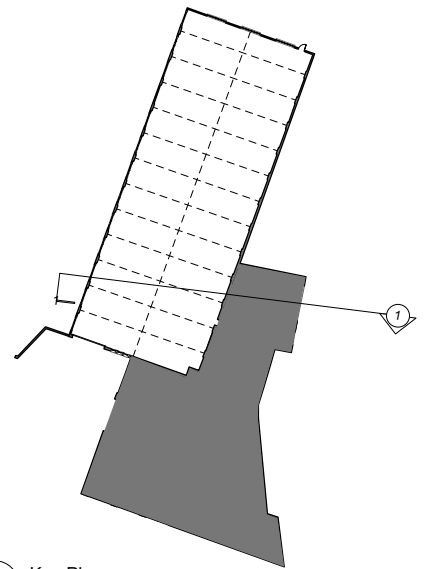
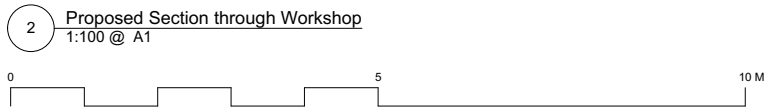
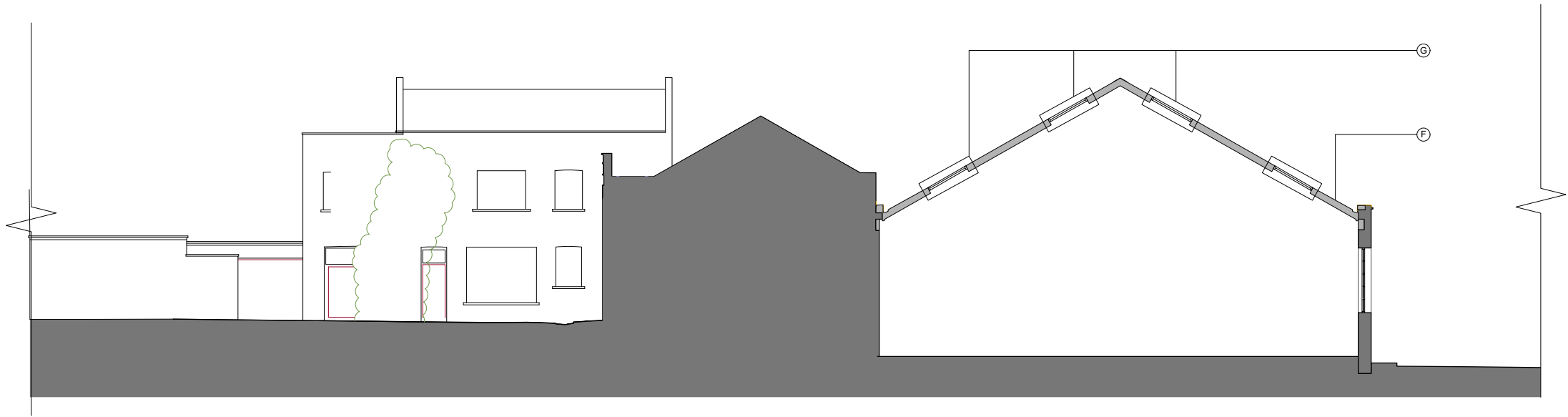
DO NOT SCALE FROM THIS DRAWING.

DRAWING NOTES:		DRAWING KEY:	
<b>A</b>	New double-glazed window to existing opening; detail to match existing	<b>F</b>	New roof cladding & structure to existing warehouse; to match profile of existing roof
<b>B</b>	New double-glazed window/ door to existing opening; detail to match existing; to replace existing roller shutter	<b>G</b>	New rooflights

PL1	Revision to Rooflights
PL	Issued for Planning
STATUS REVISION	

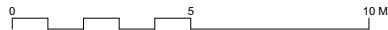
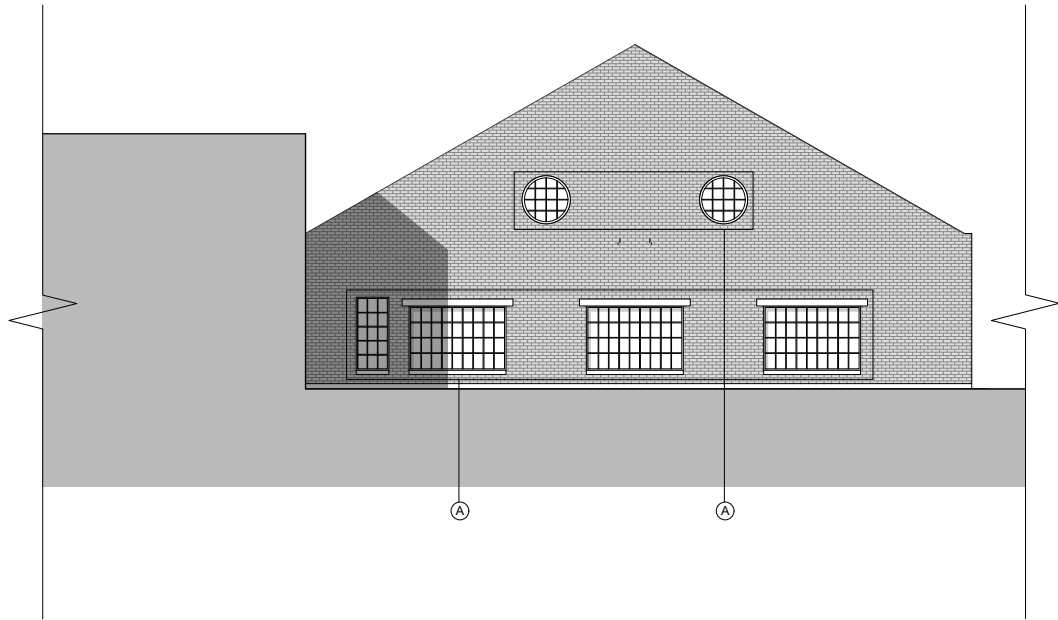
DRAWING	PROPOSED WEST ELEVATION Fortress Grove- west		
SCALE	1:100 @ A1 (1:200 @ A3)	DRAWING FILE REF 1014-PR-Elevations	
DATE	Jul 2017	DRAWN BY	BGY
DWG No.	1014-PL-A-15		REVISION A
DRAWING STATUS	PLANNING		
Information contained on this drawing is the sole copyright of			

Buckley Gray Yeoman	
Studio 4.04 The Tea Building 56 Shoreditch High Street London E1 6JJ T: 020 7033 9913 F: 020 7033 9914	
CLIENT	Fortress 2016 Ltd
PROJECT	Workshop A, Fortress Grove



1 Key Plan  
1:500

<b>DRAWING NOTES:</b> All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings. Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions. Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions. This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information. All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details. Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect. DO NOT SCALE FROM THIS DRAWING.	<b>DRAWING NOTES:</b> <b>DRAWING KEY:</b> <b>A</b> New double-glazed window to existing opening; detail to match existing <b>B</b> New double-glazed window/ door to existing opening; detail to match existing; to replace existing roller shutter <b>F</b> New roof cladding & structure to existing warehouse; to match profile of existing roof <b>G</b> New rooflights	<div><div>PL</div><div>Issued for Planning</div></div> <div><div>STATUS</div><div>REVISION</div></div> <div><div>14.07.2017</div><div>DATE</div></div>	<b>DRAWING PROPOSED SECTION</b> <b>Section 01</b>		<div>Buckley Gray Yeoman Studio 4.04 The Tea Building 56 Shoreditch High Street London E1 6JJ T: 020 7033 9913 F: 020 7033 9914</div> <div>CLIENT Fortess 2016 Ltd</div> <div>PROJECT Workshop A, Fortess Grove</div>
			SCALE	1:100 @ A1 (1:200 @ A3)	DRAWING FILE REF 1014_GS-Sections
			DATE	Jul. 2017	DRAWN BY BGY
			DWG No.	1014-GS-A-01	REVISION
			DRAWING STATUS PLANNING		



**DRAWING NOTES:**

All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.

Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.

Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.

This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.

All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.

Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.

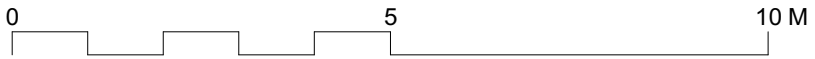
DO NOT SCALE FROM THIS DRAWING.

DRAWING NOTES:		DRAWING KEY:	
<b>A</b>	New double-glazed window to existing opening; detail to match existing	<b>E</b>	New louvred panel & door to existing opening; to replace existing roller shutter
<b>B</b>	New double-glazed window/ door to existing opening; detail to match existing; to replace existing roller shutter	<b>F</b>	New roof cladding & structure to existing warehouse; to match profile of existing roof
		<b>G</b>	New rooflights

PL	Issued for Planning	14.07.2017
STATUS	REVISION	DATE

DRAWING	
PROPOSED NORTH ELEVATION	
SCALE	1:100 @ A1 (1:200 @ A3)
DRAWING FILE REF	1014-PR-Elevations
DATE	Jul 2017
DRAWN BY	BGY
DWG No.	1014-PL-A-16
REVISION	-
DRAWING STATUS	
PLANNING	

CLIENT	Buckley Gray Yeoman
	Studio 4.04 The Tea Building 56 Shoreditch High Street London E1 6JJ T: 020 7033 9913 F: 020 7033 9914
	Fortess 2016 Ltd
PROJECT	Workshop A, Fortess Grove



**DRAWING NOTES:**  
All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.  
Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.  
Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.  
This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.  
All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.  
Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.  
DO NOT SCALE FROM THIS DRAWING.

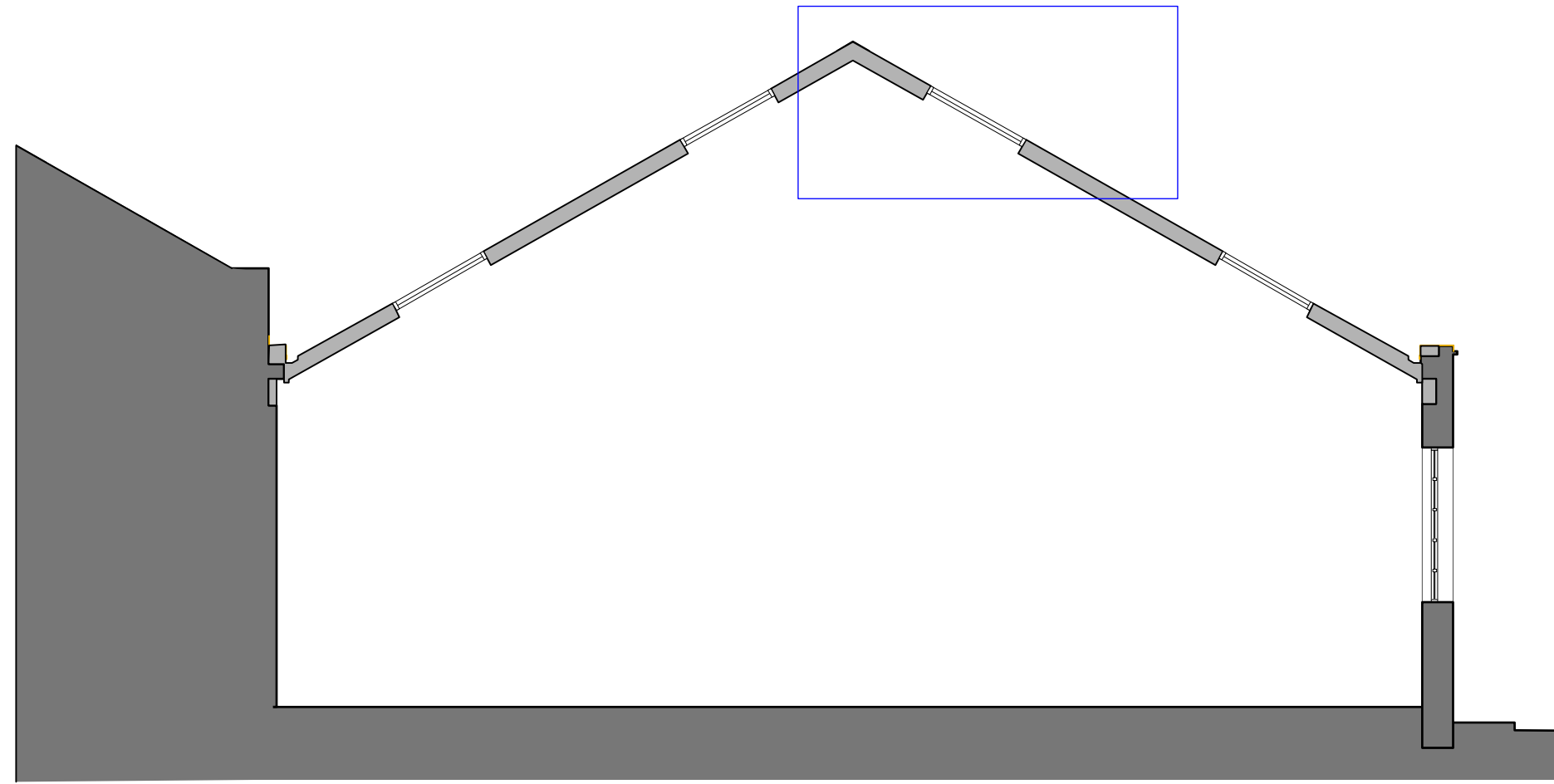
DRAWING NOTES:		<b>DRAWING KEY:</b>	
<b>A</b>	New double-glazed window to existing opening; detail to match existing	<b>F</b>	New roof cladding & structure to existing warehouse; to match profile of existing roof
<b>B</b>	New double-glazed window/ door to existing opening; detail to match existing; to replace existing roller shutter	<b>G</b>	New rooflights

PL1	Revision to Rooflights
PL	Issued for Planning
STATUS REVISION	

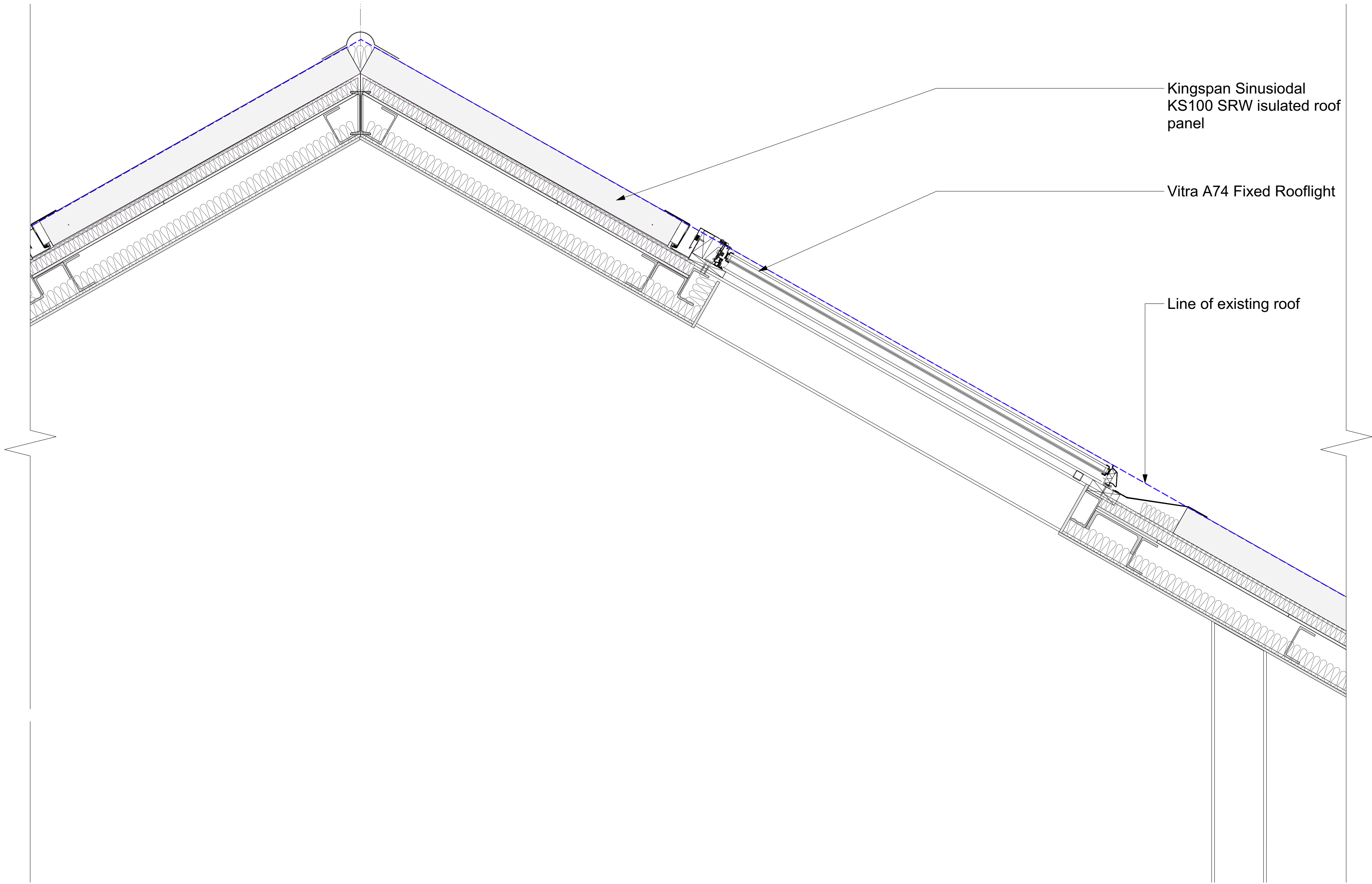
DRAWING	<b>PROPOSED EAST ELEVATION (Railey Mews)</b>	
SCALE	1:100 @ A1 (1:200 @ A3)	DRAWING FILE REF 1014-PR-Elevations
DATE	Jul 2017	DRAWN BY BGY
DWG No.	1014-PL-A-17	REVISION A
DRAWING STATUS <b>PLANNING</b>		CLIENT Fortess 2016 Ltd
DATE		PROJECT Workshop A, Fortess Grove

**Buckley Gray Yeoman**  
Studio 4.04 The Tea Building 56 Shoreditch High Street  
London E1 6JJ T: 020 7033 9913 F: 020 7033 9914





1 Key Section through Workshop  
1:100 @ A1



2 Proposed Section through Rooflight  
1:10 @ A1

DRAWING NOTES:

All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.

Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.

Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.

This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.

All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.

Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.

DO NOT SCALE FROM THIS DRAWING.

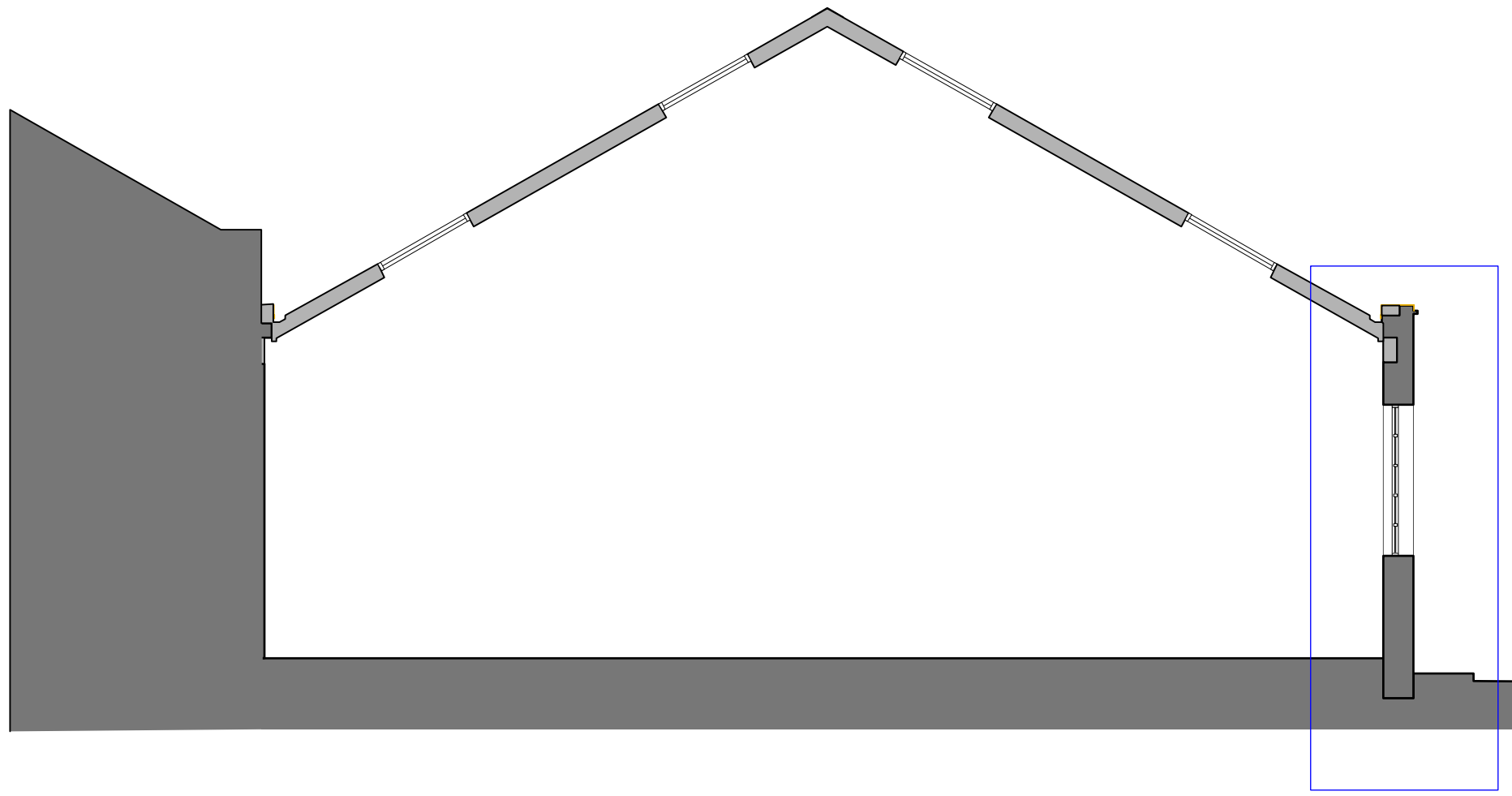
DRAWING NOTES:

PL	Issued for Planning	06.10.2017
STATUS		REVISION

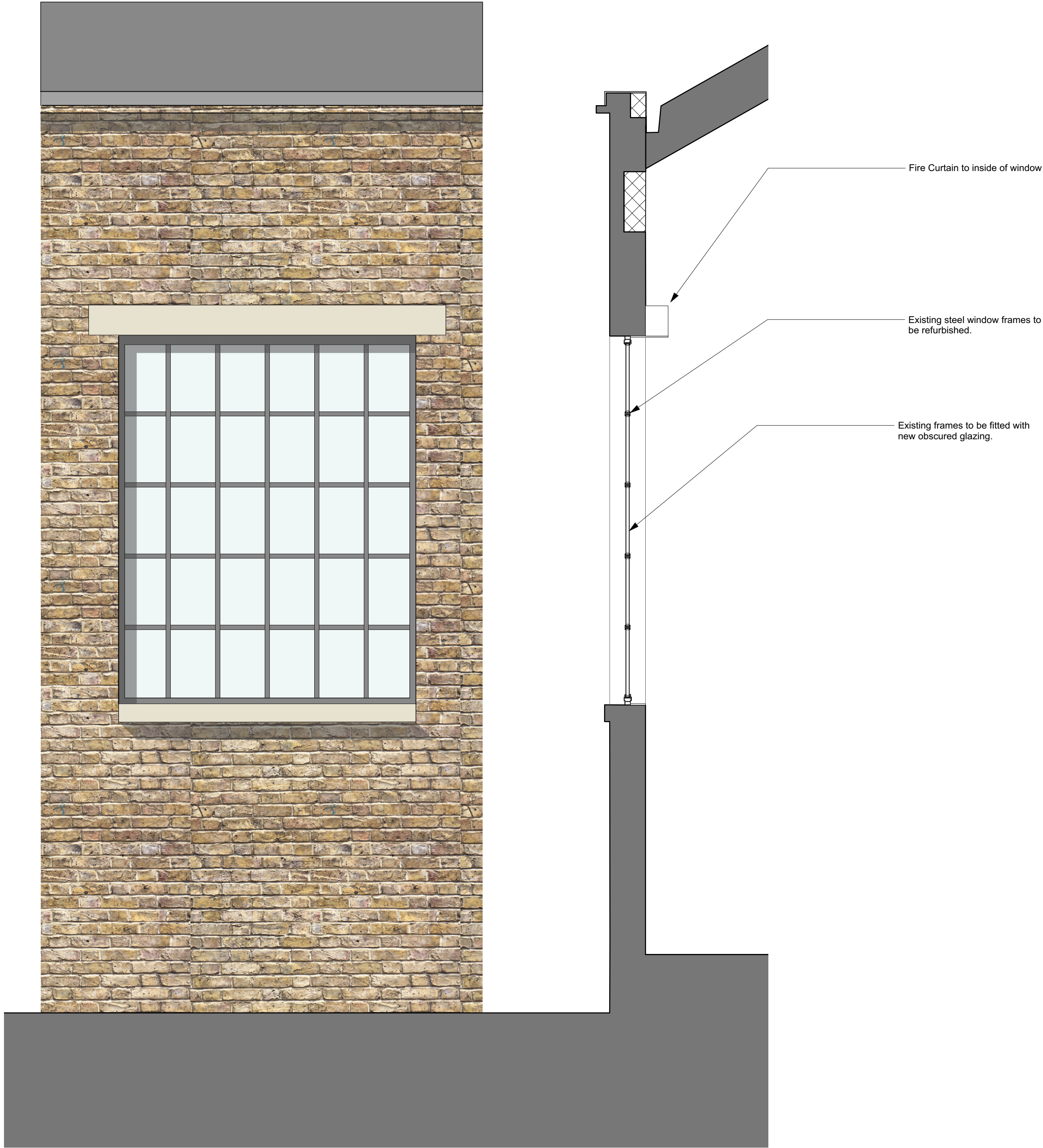
DRAWING		Proposed Section through Workshop Rooflight		
SCALE	1:10 @ A1 (1:20 @ A3)	DRAWING FILE REF	1014_A-S--Building	
DATE	Oct. 2017	DRAWN BY	BGY	
DWG No.	1014-ED-01		REVISION	
DRAWING STATUS				
PLANNING				
Information contained on this drawing is the sole copyright of				

Buckley Gray Yeoman	
Studio 4.04 The Tea Building 56 Shoreditch High Street London E1 6JJ T: 020 7033 9913 F: 020 7033 9914	
CLIENT	Fortess 2016 Ltd
PROJECT	Workshop A, Fortess Grove





1 Key Section through Workshop  
1:100 @ A1



2 Proposed Section through Window  
1:20 @ A1

DRAWING NOTES:  
All dimensions to be checked on site prior to commencement of any works, and/or preparation of any shop drawings.  
Sizes of and dimensions to any structural elements are indicative only. See structural engineers drawings for actual sizes/dimensions.  
Sizes of and dimensions to any service elements are indicative only. See service engineers drawings for actual sizes and dimensions.  
This drawing to be read in conjunction with all other Architect's drawings, specifications and other Consultants' information.  
All proprietary systems shown on this drawing are to be installed strictly in accordance with the Manufacturers/Suppliers recommended details.  
Any discrepancies between information shown on this drawing and any other contract information or manufacturers/suppliers recommendations is to be brought to the attention of the Architect.  
DO NOT SCALE FROM THIS DRAWING.

DRAWING NOTES:

PL	Issued for Planning	16.10.2017	DRAWING	Proposed Section through Workshop Window		Buckley Gray Yeoman Studio 4.04 The Tea Building 56 Shoreditch High Street London E1 6JJ T: 020 7033 9913 F: 020 7033 9914
			SCALE	1:20 @ A1 (1:40 @ A3)	DRAWING FILE REF 1014_A-S--Building	
			DATE	Oct. 2017	DRAWN BY BGY	
			DWG No.	1014-ED-02		CLIENT Fortess 2016 Ltd
			DRAWING STATUS	PLANNING		PROJECT Workshop A, Fortess Grove



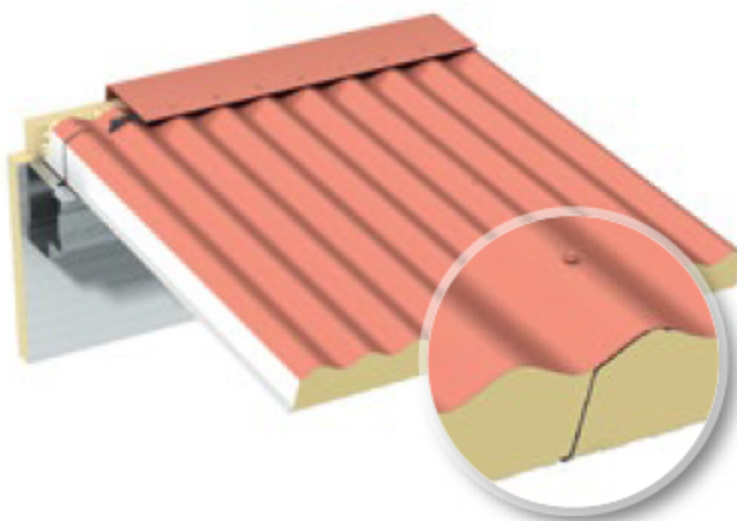
## Insulated Roof & Wall Panels

## Sinusoidal KS1000 SRW



Berghorst Farm Shed, Dronten, Netherlands

Sinusoidal is a through-fix sinusoidal profiled insulated roof panel which can be used for building applications with roof pitches of 4° or more after deflection.



### Product Features

Profile:	Sinusoidal
Fixing detail:	Through-fix
Metal type:	Steel
Colours:	Kingspan XL Forté (Symphony / Vivace / Crescendo) and Kingspan Spectrum (Solid / Metallic / Diamond)
Application:	Pitched roofs of 4° or more after deflection
Lengths:	From 1.8m to 17.8m
Cover width:	1000mm
Environmental rating:	May be Green Guide A+ rated, subject to project specific assessment
Fire rating:	LPCB approved
Product compatibility:	Integrates with Kingspan Safety solutions and Kingspan Roof Mounted PV System; rooflight solution is available
Seals:	Site-applied side and end lap sealants

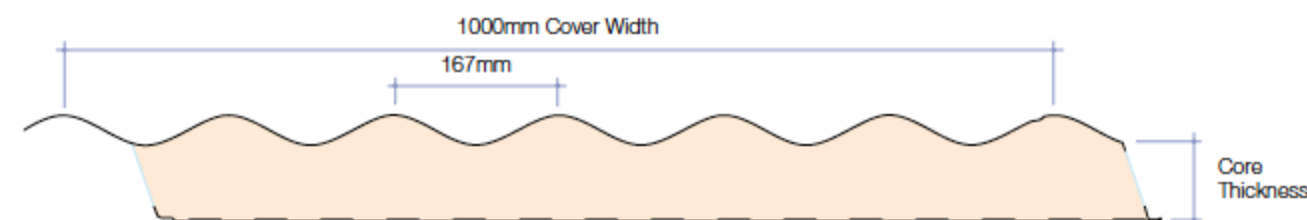
**FIREsafe FIBREfree**

## Insulated Roof & Wall Panels

## Sinusoidal KS1000 SRW



### KS1000 SRW



### Product Specifications and Accreditations

Product Reference	Standard Environment	Temp. Control	Hygiene	High Humidity	Low Temp.	Fire Rating LPCB	Fire Rating FM
KS1000 SRW	✓	✓	✓	✓	•	✓	•

### Dimensions, Weight and Thermal Performance

Core Thickness (mm)	40	60	80
Overall Thickness (mm)	70	90	110
U-value (W/m²K)	0.46	0.32	0.25
Weight (kg/m²) 0.5 steel / 0.4 steel	10.3	11.3	12.0

The U-values have been calculated using the method required by the appropriate National Building Regulations.