

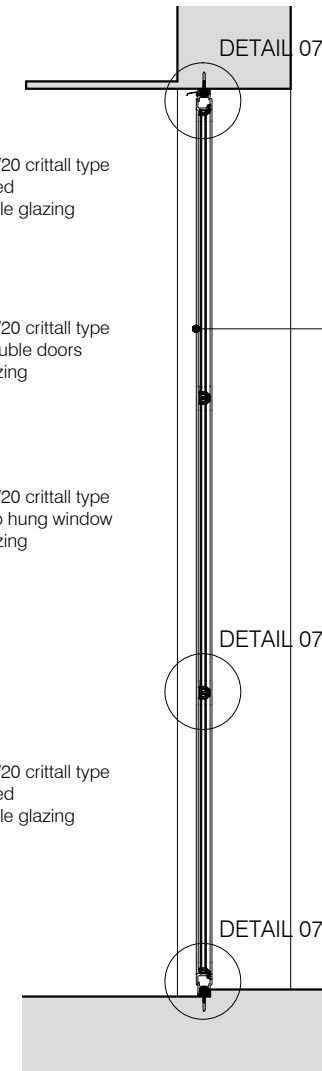
01 PROPOSED CRITTALL TYPE DOUBLE DOOR AND FIXED PANEL ELEVATION  
scale 1:20

black painted W20 crittall type  
steel framed fixed  
panel with double glazing

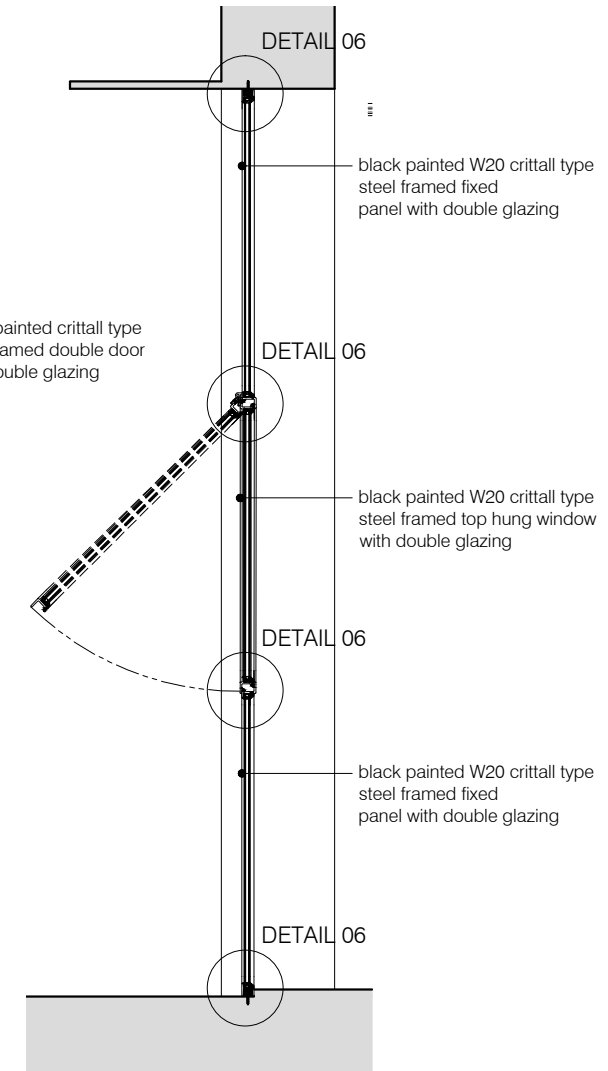
black painted W20 crittall type  
steel framed double doors  
with double glazing

black painted W20 crittall type  
steel framed top hung window  
with double glazing

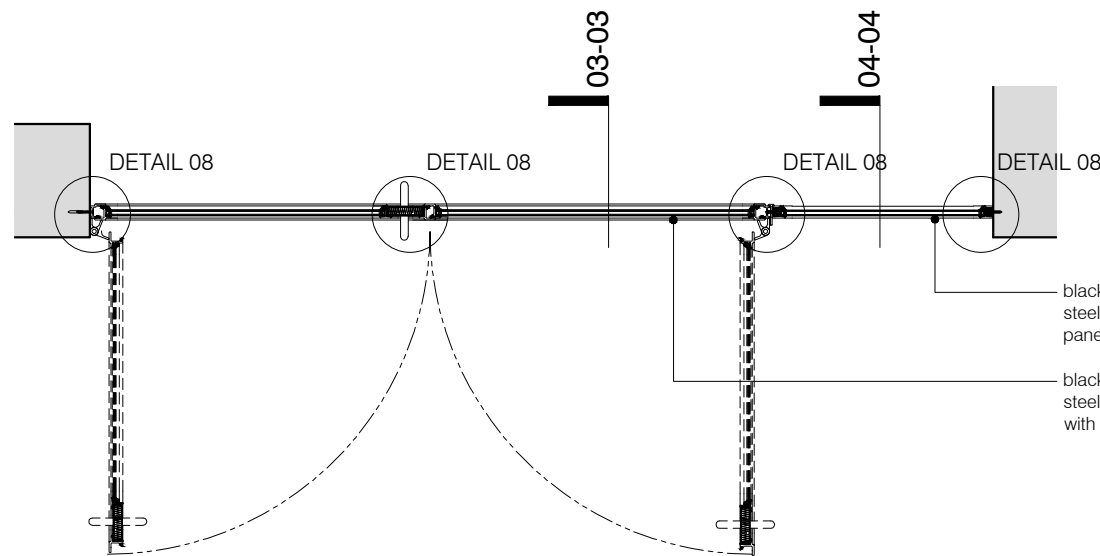
black painted W20 crittall type  
steel framed fixed  
panel with double glazing



03 PROPOSED SECTION 03  
scale 1:20



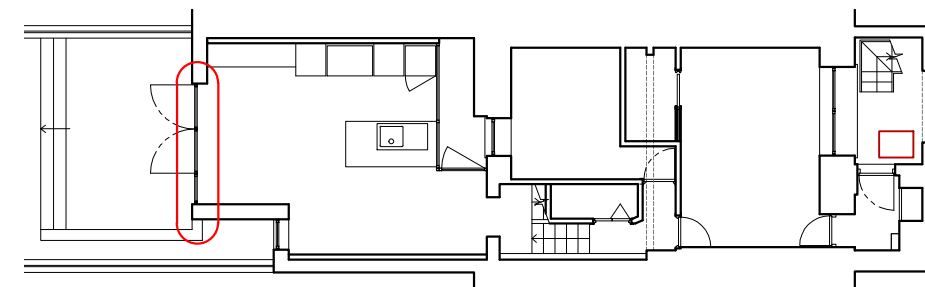
04 PROPOSED SECTION 04  
scale 1:20



02 PROPOSED CRITTALL TYPE DOUBLE DOOR AND FIXED PANEL PLAN  
scale 1:20

black painted W20 crittall type  
steel framed fixed  
panel with double glazing

black painted W20 crittall type  
steel framed double doors  
with double glazing



09 KEY PLAN

project  
35 ARLINGTON ROAD NW1 7ES

**BRIAN O'REILLY ARCHITECTS**

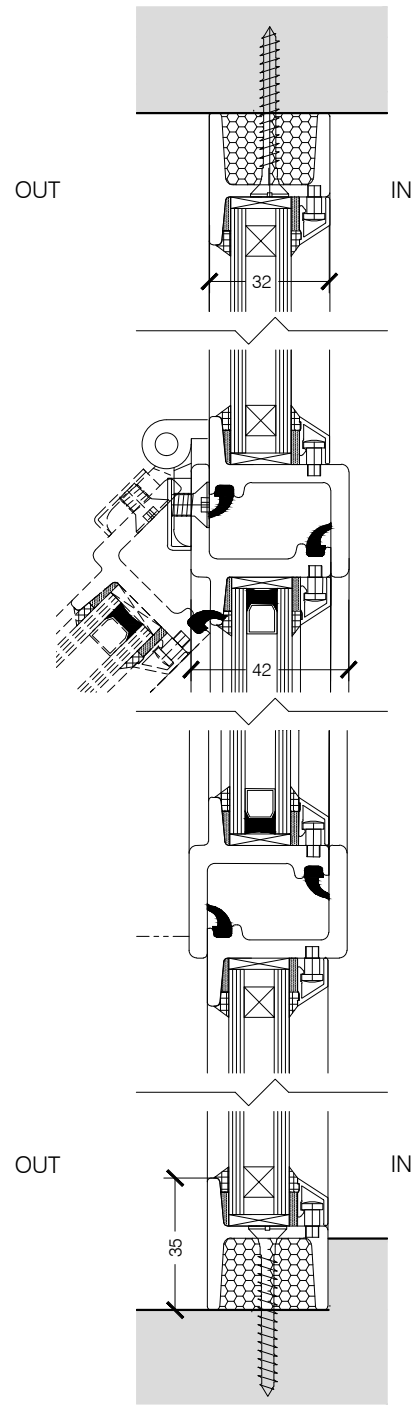
31 Oval Road, London, NW1 7EA +44 (0)20 7267 1184  
www.brianoreillyarchitects.com mail@brianoreillyarchitects.com

status / number  
PLANNING / 433-501-P

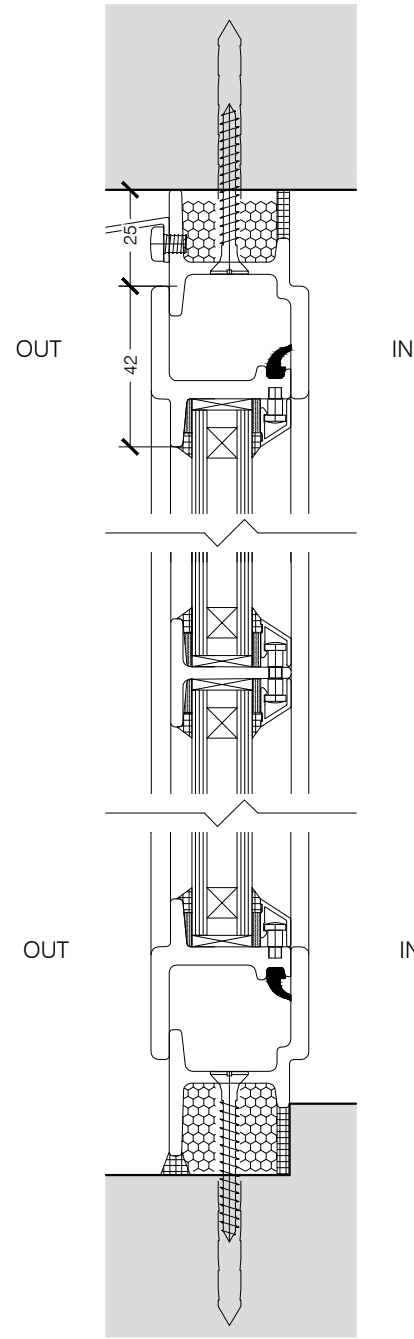
drawing  
'BROWN' BIODIVERSITY  
ROOF DETAIL

scale  
1:20 @ A3

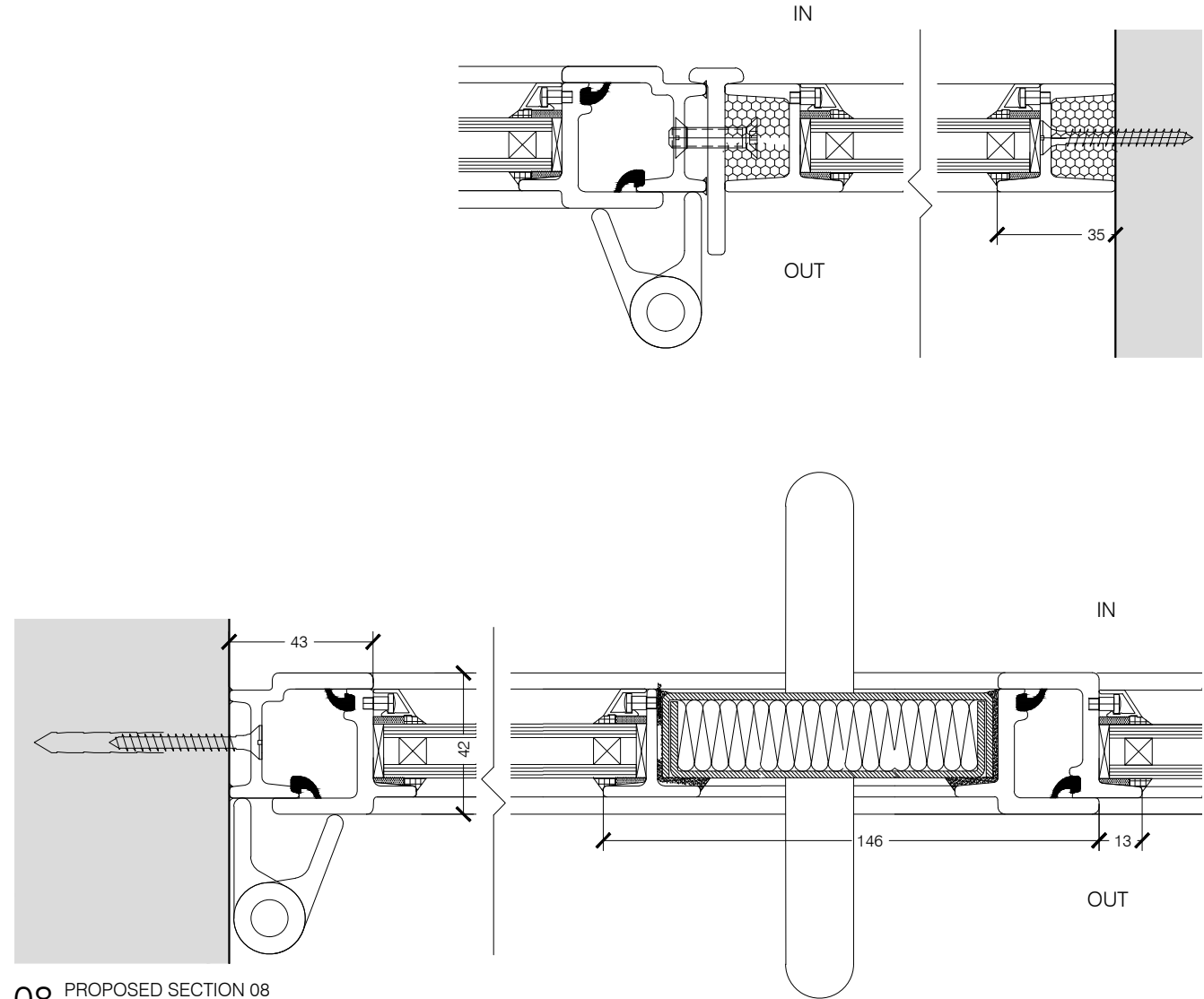
date  
21.12.2017



06 PROPOSED SECTION 06  
scale 1:2



07 PROPOSED SECTION 07  
scale 1:2



08 PROPOSED SECTION 08  
scale 1:2



project  
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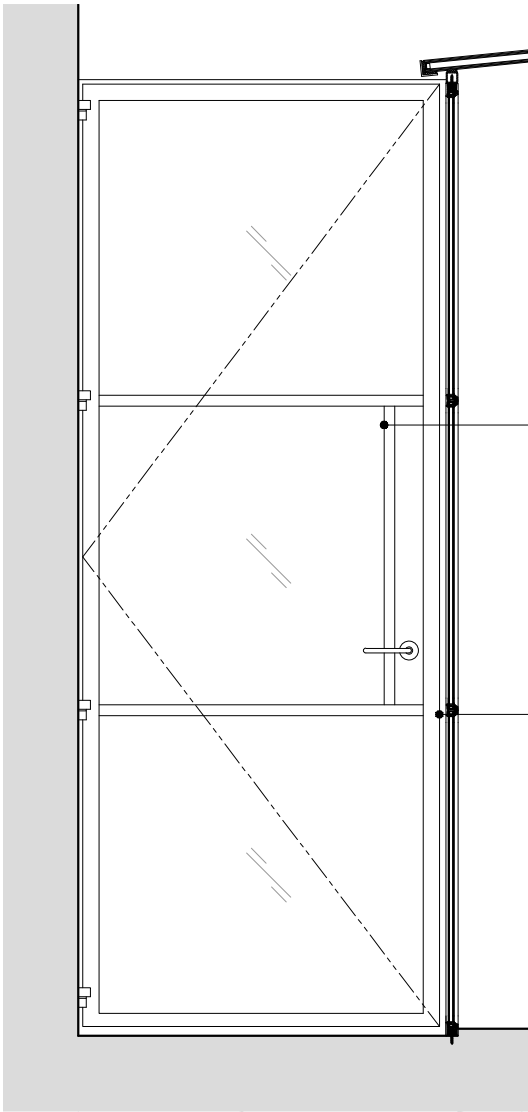
status / number  
PLANNING / 433-502-P

drawing  
'BROWN' BIODIVERSITY  
ROOF DETAIL

scale  
1:2 @ A3

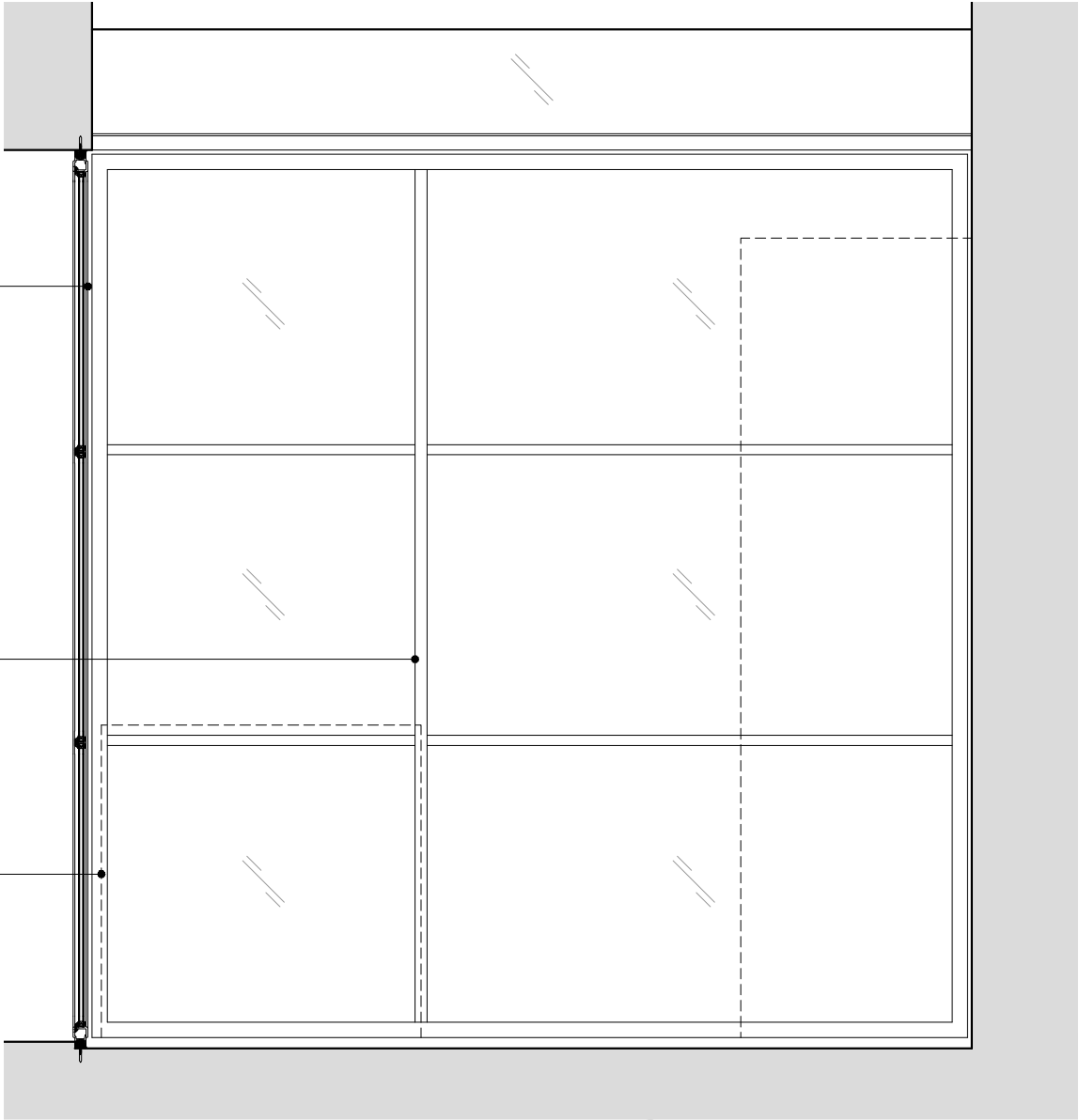
date  
21.12.2017

NOTE: ALL DETAILS FOR SINGLE DOOR AND  
FIXED PANELS AS SHOWN ON 433-502-P



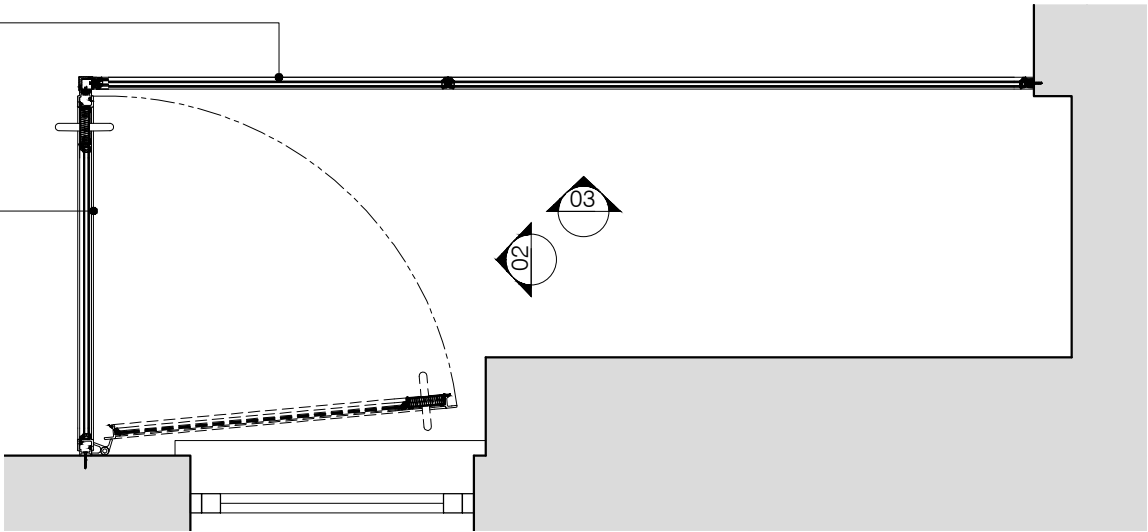
02 PROPOSED ELEVATION 02  
scale 1:20

- black painted W20 crittall type steel framed door with double glazing
- black painted W20 crittall type steel framed door with double glazing
- black painted W20 crittall type steel framed fixed panel with double glazing
- black painted W20 crittall type steel framed fixed panel with double glazing
- kitchen island behind (dotted)

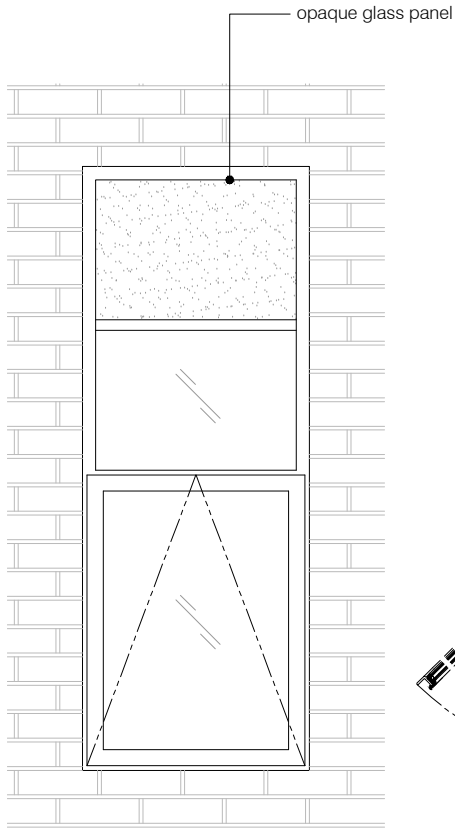


03 PROPOSED ELEVATION 03  
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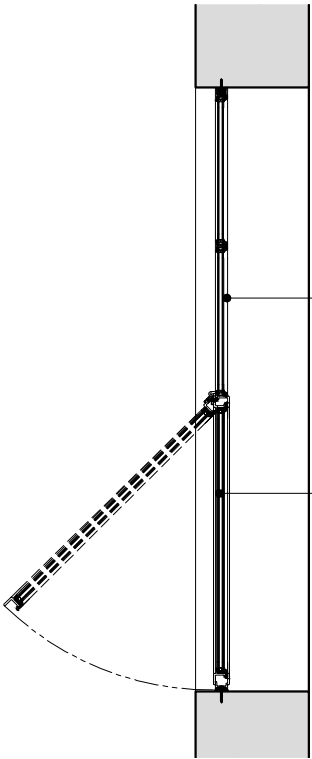
- black painted W20 crittall type steel framed fixed panel with double glazing
- black painted W20 crittall type steel framed door with double glazing



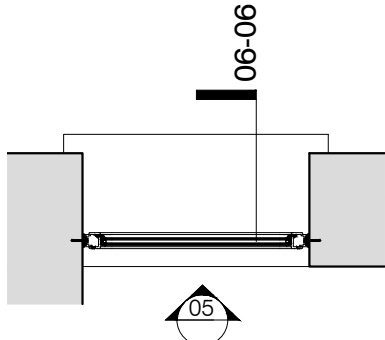
01 PROPOSED CRITTALL TYPE DOUBLE DOOR AND FIXED PANEL PLAN  
scale 1:20



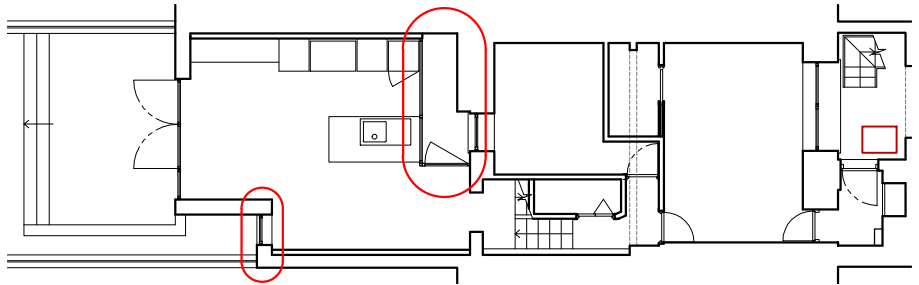
05 PROPOSED ELEVATION 05  
scale 1:20



06 PROPOSED SECTION 06  
scale 1:20



04 PROPOSED CRITTALL TYPE WINDOW PLAN  
scale 1:20



07 KEY PLAN

These plans are project and site specific and shall only be used for their intended purpose unless otherwise permitted by written consent of Brian O'Reilly Architects.

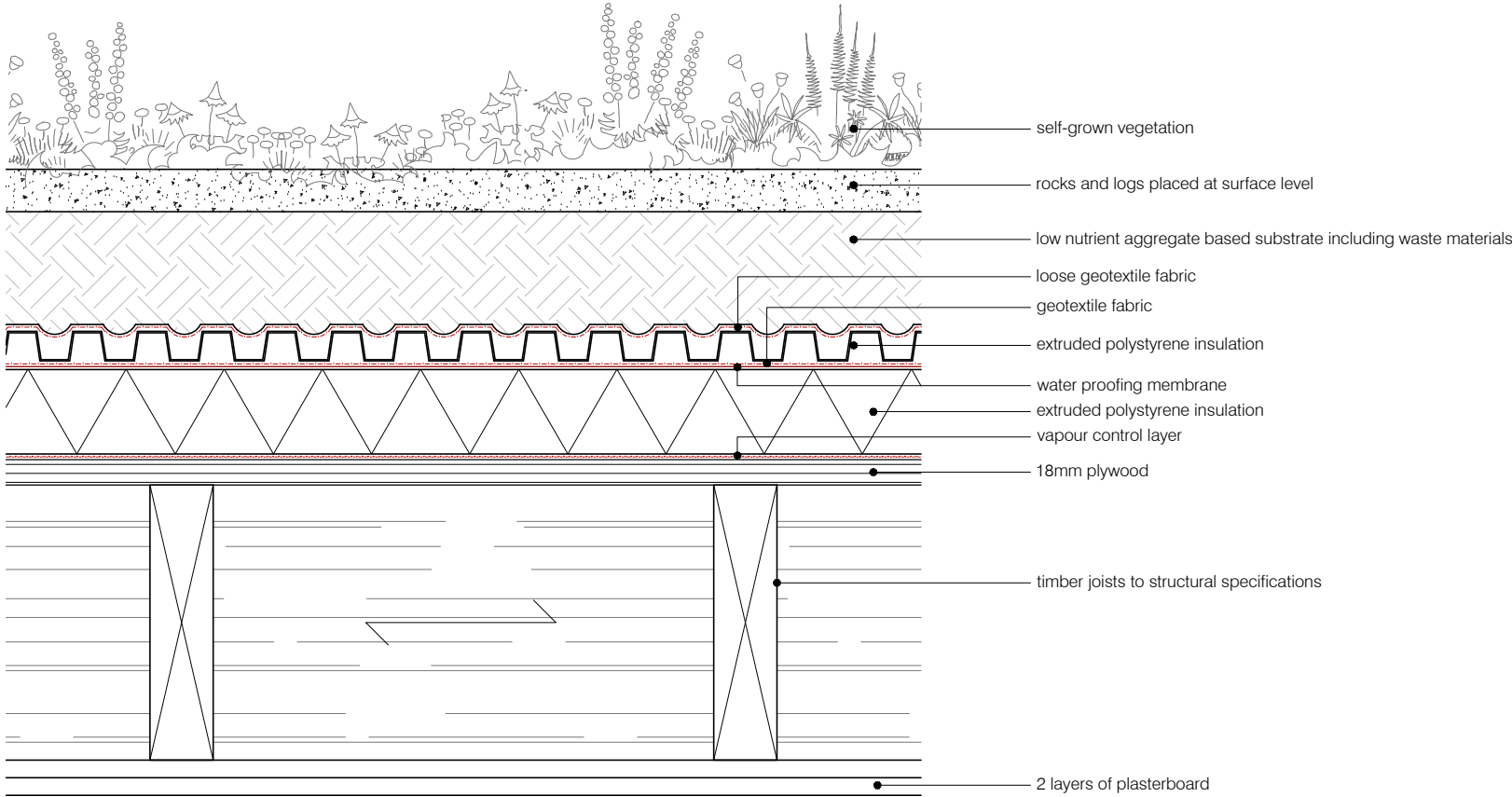
All dimensions shown are indicative and must be double checked on site by the contractor. Any inconsistencies found must be reported to Brian O'Reilly Architects.

DO NOT SCALE FROM THE DRAWINGS.

project  
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status / number  
PLANNING / 433-503-P  
drawing  
'BROWN' BIODIVERSITY  
ROOF DETAIL

scale  
1:20 @ A3  
date  
21.12.2017



01 PROPOSED 'BROWN' BIODIVERSITY ROOF DETAIL  
scale 1:5



# **Statement of design objectives for brown roof**

**35 Arlington Road, London, NW1 7ES**

Prepared by

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### **GENERAL / DEFINITION**

The term 'Brown Roof' originated in the UK to highlight the failings of some extensive green roof installations. As part of the Kyoto agreement, support for biodiversity within the built environment was a key objective. 'Brown' roofs are essentially substrate based green roofs with an emphasis on design aimed at reinstating the ecology that was present prior to development.

### **DESIGN OBJECTIVES**

- 'Brown' roofs are natural and urban feature. They can offer and a greater diversity of species as well as prolonged foraging for insects. The design aim to enhance the local biodiversity.
- They also act to improve surrounding air quality, reduce the visual impact of the building and assist in the run-off and management of rainwater
- Brown roofs are very low maintenance and no irrigation is required.
- They offer sound acoustic and temperature insulation properties to the roof. Helping to reduce the thickness of the proposed insulation
- The proposal aims to recycle the waste building materials, such as cleaned rubble, can be introduced into the substrate, adding to a sense of recycling elements of the project (note: avoid contaminated materials or sharp objects)
- The substrate level is normally up to 150mm, which offers a medium weight build-up, usually no heavier than 120kg per m<sup>2</sup>. This one is less than the standard 'green' roof height and weight