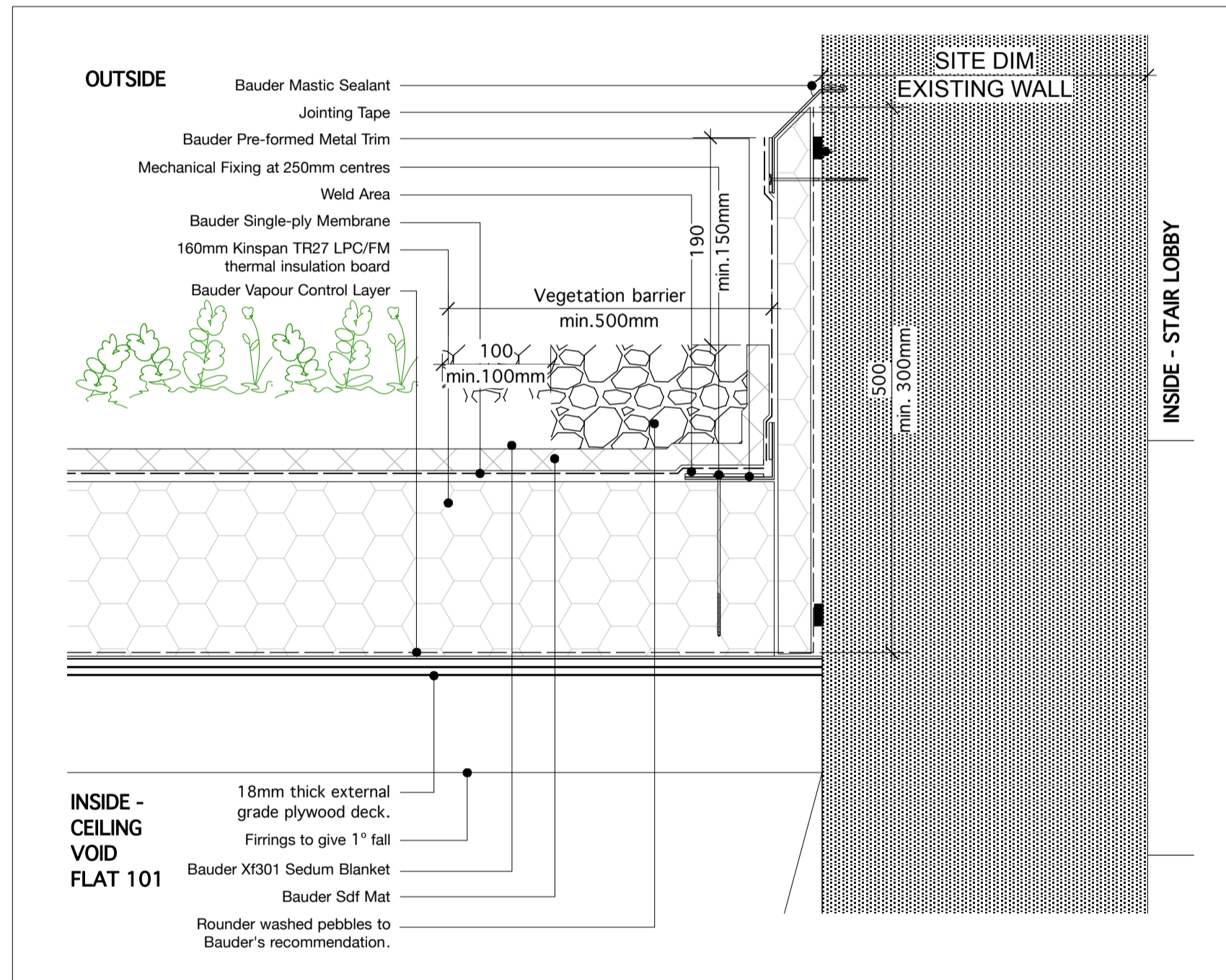
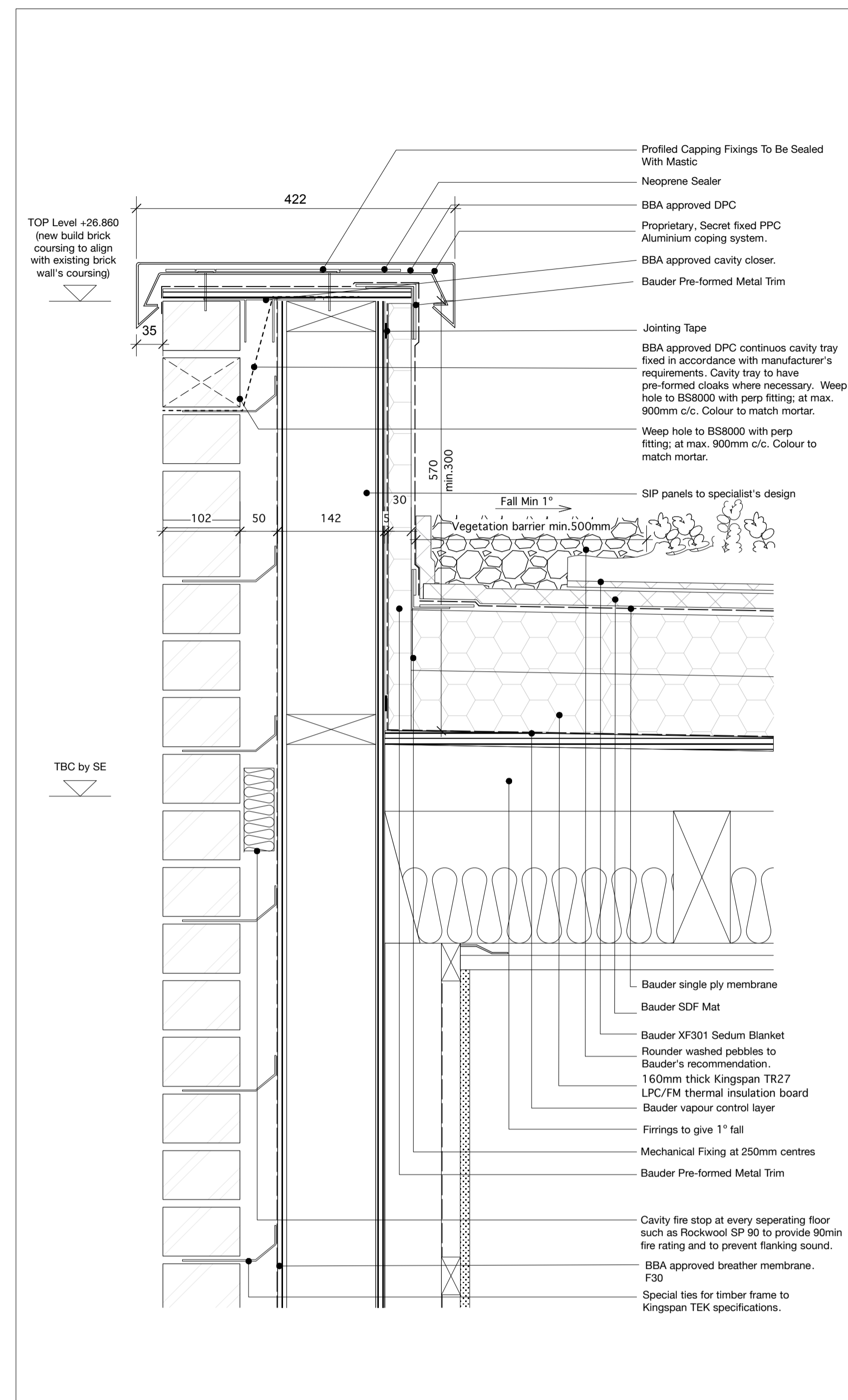


01 1416 (PL) 04-02 TIMBER FRAME / NEW BUILD GREEN ROOF @ 1:5 SCALE



02 1416 (PL) 04-02 EXISTING BUILDING'S EXTERNAL WALL / NEW BUILD GREEN ROOF @ 1:5 SCALE



03 1416 (PL) 04-02 NEW BUILD BRICK EXTENSION / NEW BUILD GREEN ROOF @ 1:5 SCALE



04 1416 (PL) 04-02 SECTION THROUGH THE NEW BUILD BRICK EXTENSION @ 1:50 SCALE

EXTENSIVE SEDUM BLANKET

Bauder Xero Flor extensive green roof systems are constructed using a low maintenance sedum planting (succulents) that provide excellent cover and increased protection to the waterproofing system. The plants are grown on a 'blanket' that is harvested like turf and installed by rolling out on top of the waterproofing and any other landscaping components required. The blankets are very lightweight, easy to maintain and provide instant greening to the roof

The Xero Flor sedum blanket is a very versatile, exceptionally lightweight green roof system and is suitable for both new build and refurbishment projects.

It should be noted that extensive green roof systems are not intended for general access or leisure purposes and are primarily used for their ecological benefits or aesthetic appearance.

KEY FEATURES

These features are in addition to those associated with all green roofs

The most lightweight green roof system available, making it ideal for retrofitting or refurbishment projects. Delivers instant greening of a roof with sedums and other species able to flourish in our climate. Ideal solution where a green roof needs to be specified to meet planning requirements. Cost effective. Sedum blankets are grown on our farm in the UK and delivered to site within 24 hours of harvesting.

ACCREDITATION STANDARDS

BRITISH AND EUROPEAN STANDARDS

The Bauder green roof landscaping components and waterproofing systems are created from products tested to meet internationally recognised guidelines.

The waterproofing membranes are certified under FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau), which is the benchmark test for root resistance in Europe and has been for the last 20 years.

RAIN NOISE TESTING

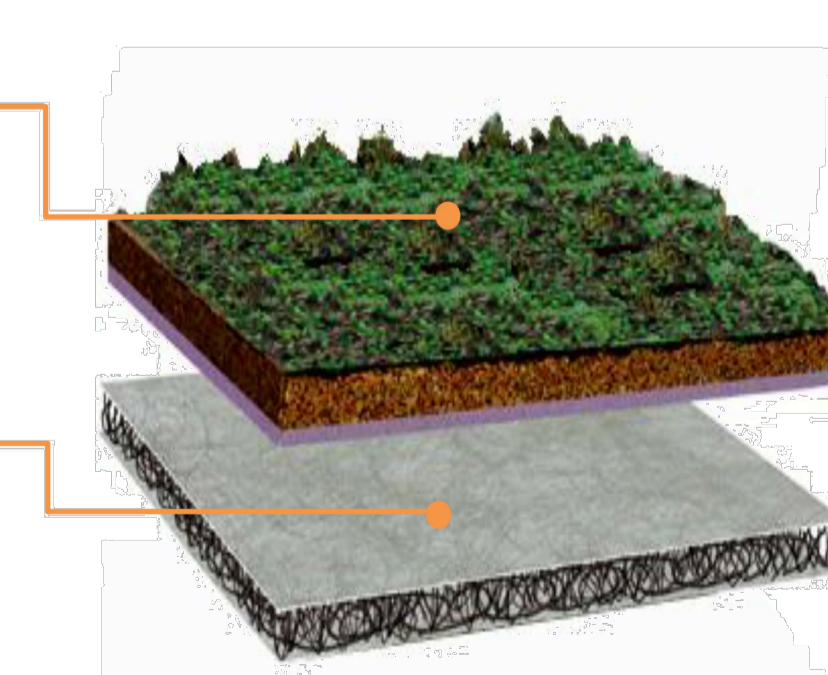
The Bauder Xero Flor Sedum Blanket Green Roof System on a metal deck has been tested in accordance with BS EN ISO 140 -80: 2006 to determine the sound intensity level within the building during heavy rainfall. A figure of 33.5 dB was achieved, which is almost certainly sufficient to gain a credit under Point 5 of section Hea 13 of BREEAM Education 2008 for most projects.

FIRE RATING

The Bauder XF301 sedum blanket has an EXT. F.AA (flat roofs) and EXT. S.AA (sloped roofs) rating awarded to the entire system for zero spread of flame and no fire penetration. Tested to BS 476 Part 3 External Fire Exposure to Roofs as covered by European Standard DD ENV 1187:2002.

Bauder XF301 Sedum Blanket is a pre-cultivated vegetation blanket on a patented nylon loop and geo-textile base carrier with special substrate and a pre-attached integral 8mm moisture retention fleece.

Bauder SDF Mat is a multifunctional drainage, filtration and protection layer manufactured from ultraviolet resistant nylon woven loops which are thermally bonded to geo-textile filter fleece facings.



General Notes

© Copyright Stephen Davy Peter Smith Architects 2015

All dimensions are given in millimetres, and internal dimensions are taken to face of blockwork. Do not scale from the drawing. All dimensions and conditions to be checked and confirmed on site by the Contractor. The Contractor should inform the Architect of any discrepancies before proceeding with the work.

All elements of work and materials are to comply with Building Regulations and British Standards, good industry practice and the recommendations of material and component manufacturers.

All drawings are indicative only. The sub-contractor is to submit shop drawings to the contract administrator of all the relevant components and elements for comment prior to fabrication.

All products are to be suitable for their purpose. The Contractor is to install all products where noted in accordance with manufacturer's recommendations/specifications and inform the Architect of any discrepancies or changes in the specification before proceeding with the work.

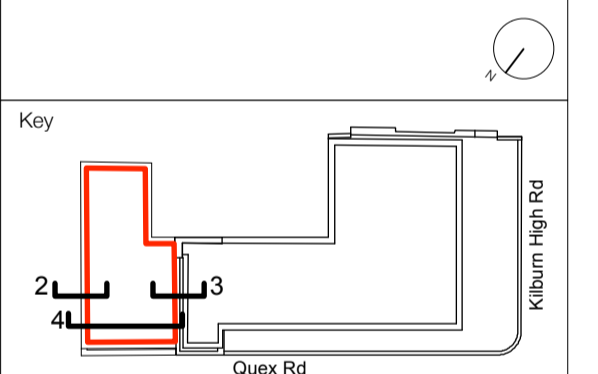
This drawing is to be read in conjunction with all other relevant documentation including that produced by other consultants, subcontractors and suppliers.

Refer to Structural Engineer's drawings and specifications for all information on structural frame elements.

Refer to Mechanical Engineer's drawings and specifications for all information on mechanical and electrical items.

Specific Notes

Legend



Rev	Issued for approval to planning officer	Comment	By	Date
1	FG			11.06.15

stephen davy architects peter smith

Finslow House, Finslow Street, London N1 6HX
Tel: 020 7739 2020 Fax: 020 7739 2021
E-mail: sdpsa@davyarchitects.co.uk
Website: www.davyarchitects.co.uk

Client
Seymac 80 Ltd
Suite 20, 41-43 Belsize Avenue,
London,
NW3 4BN

Project
Kilburn High Road
Merlin House
122-126 Kilburn High Road
London, NW6 4HY

Drawing Title
Proposed Green Roof Details
First Floor Extension
Planning Condition 4 of 2015/0075P

Job No.	Drawn By	Scale
1416	FG	1:5/50 @ A1
Date	Checked By	
June 2015	RT	
Drawing No.	1416(PL)04-02	
Revision	-	