

Bauder Pitched XF301 Sedum System

SYSTEM SUMMARY

Extensive green roof system

Bauder XF301 Single Layer Sedum System is an ultra-light weight sedum system. This makes it ideally suitable for light weight pitched roofs. The product can be laid directly onto the waterproofing without the need for a growing medium on pitches of up to 25°. XF301 also contains a moisture mat which retains up to 5 Litre of water/m². The vegetation within the system is a mix of sedum varieties.

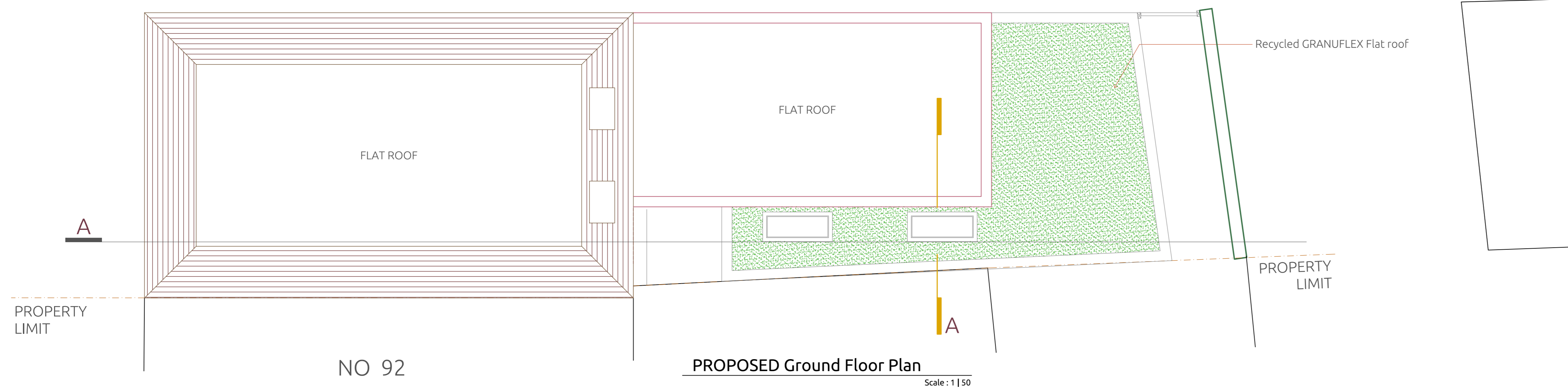
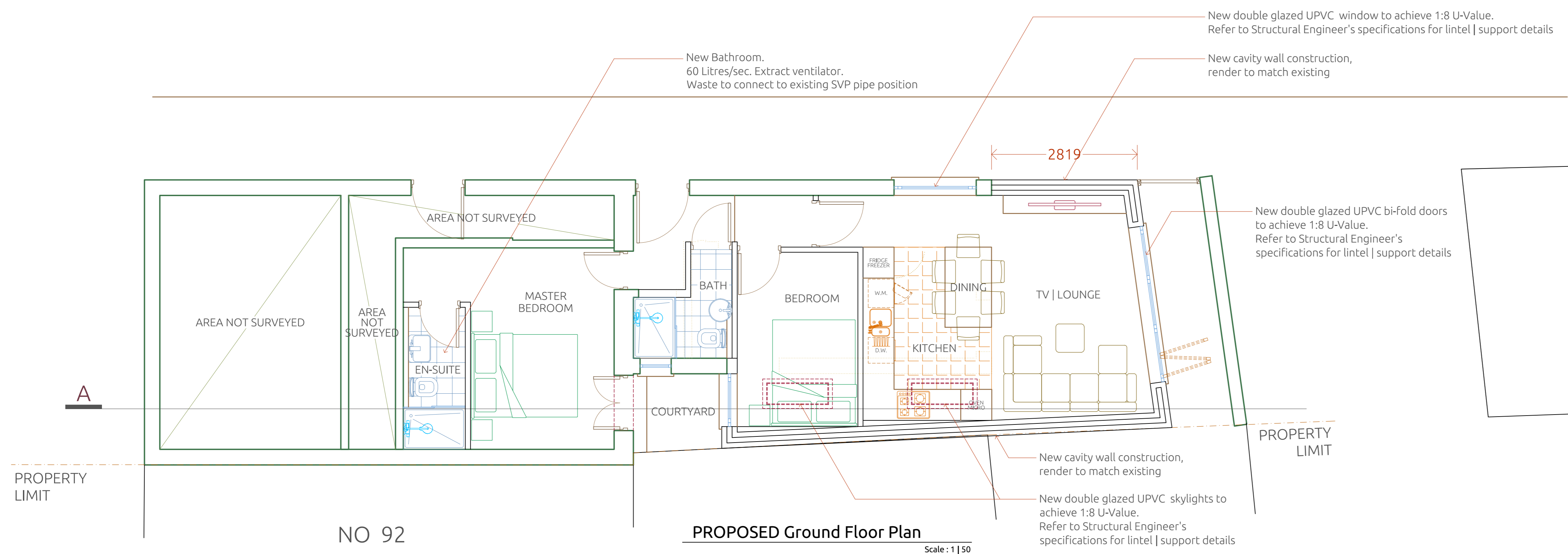


When to specify

Where a lightweight sedum solution is required. Bauder XF301 sedum system give instant ground cover and a low maintenance solution at a fraction of the weight and depth of substrate based build-ups.

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.

Product	Description	thickness	weight
1 Bauder XF301 Sedum Blanket	A single layer sedum system, 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.	28mm	44kg/m²
2 Bauder AL40	A bespoke edge trim which retains the XF301 system and secures the system to the underlying waterproofing.	40mm	N/A
3 Bauder Retention Strips	Bespoke Stainless steel teeth which grip the XF301 blanket and hold it in place. The strips are fixed in place by strips of the waterproofing membrane.	N/A	N/A
4 Underlying Waterproofing System	Bauder's underlying waterproofing system, options for Bituminous Membrane, Hot Melt, Single-ply or Cold applied liquid systems.	N/A	N/A
Green Roof Build up (fully saturated, excludes the waterproofing)		28mm	44 kg/m²



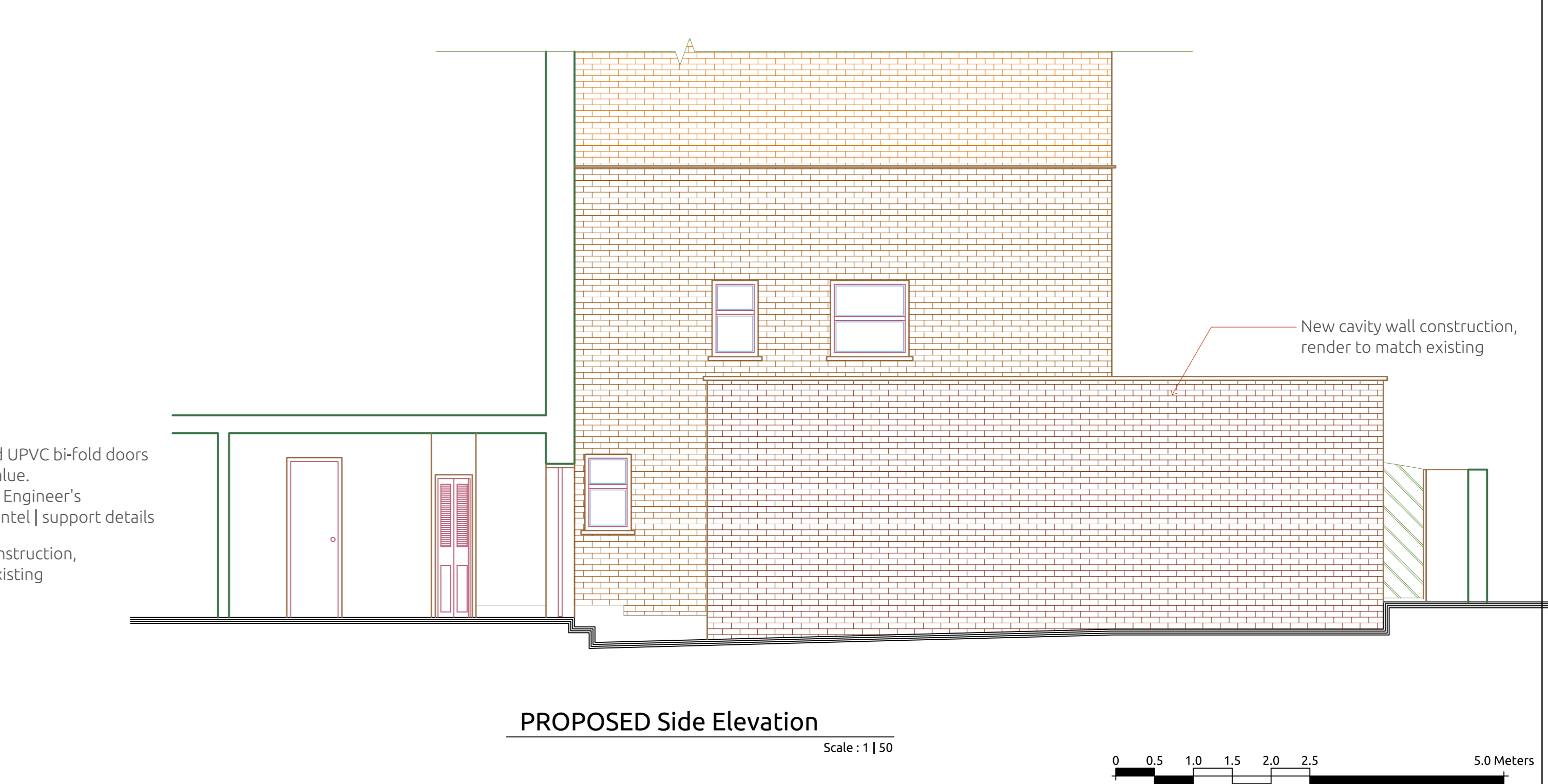
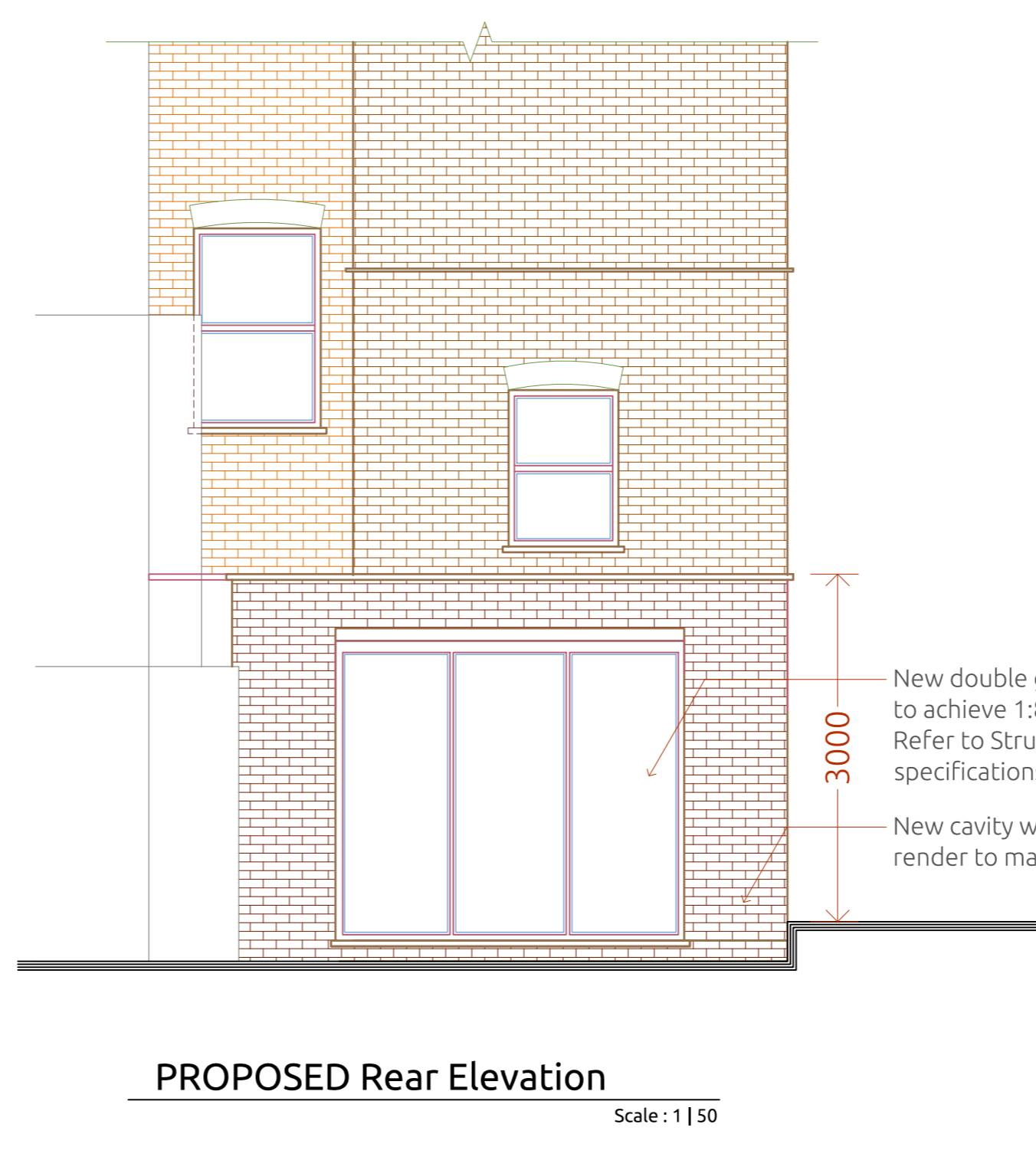
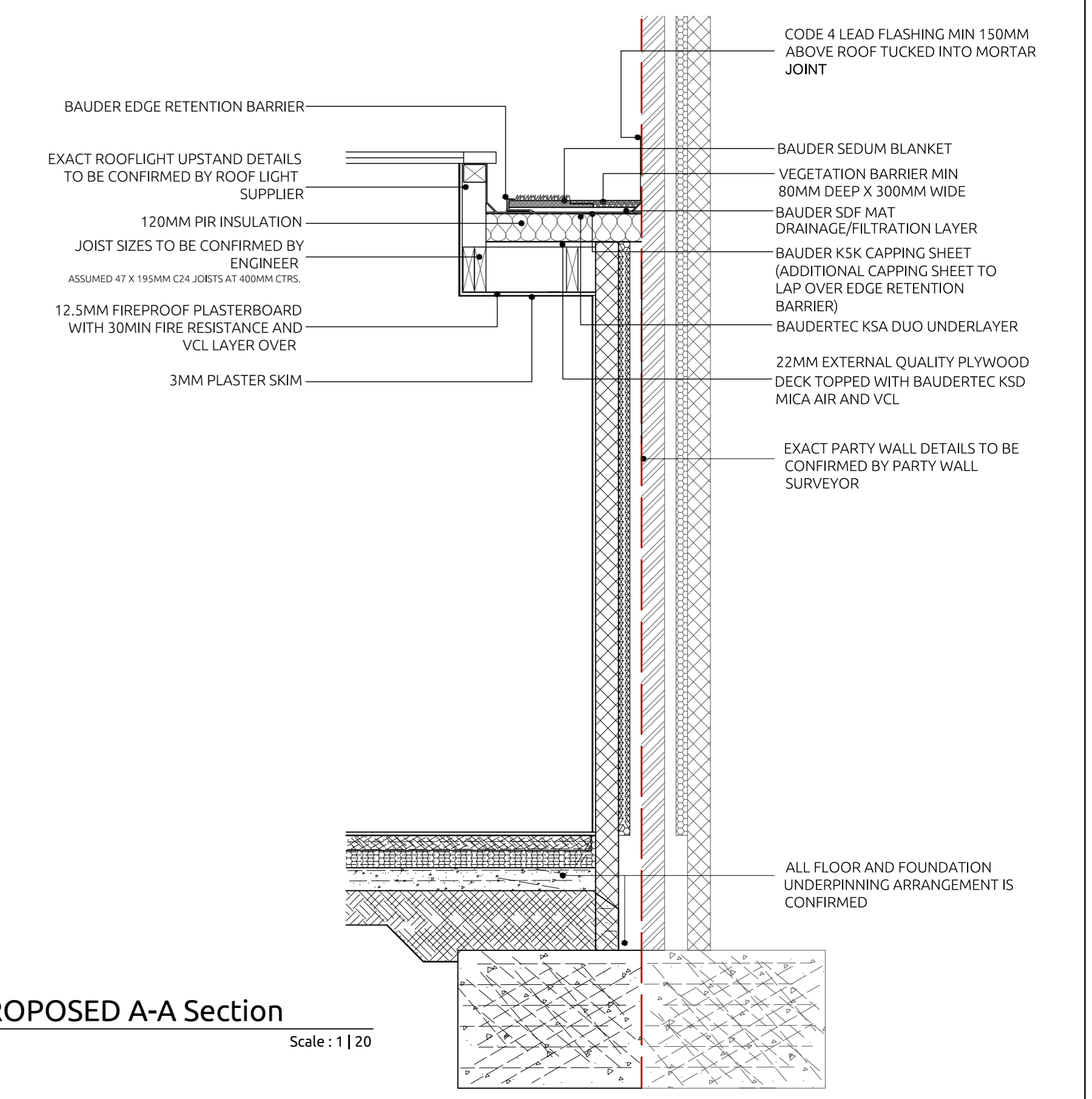
Media
the media mix used is a special recycled substrate



Vegetation
consists of a mixture of sedums, but can also have Wild Flowers and Grasses added which can be indigenous to the location of the project.

Filter Layer
performs the following roles water retention and distribution, root anchor layer for the planting.

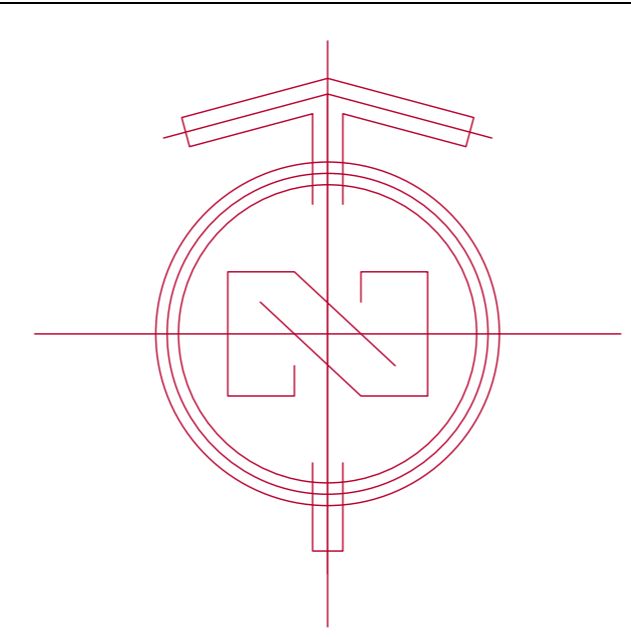
Module
Made from 100% Regenerated Polypropylene (PP), and performs the following roles: a water reservoir, drainage layer, protection from excessive drying of roots from the airspace below.



Notes
1 | Do not scale from this drawing. Use figured dimensions only. The contractor is requested to check all dimensions before the work is put in hand.
2 | Read in conjunction with all other Architect's and structural engineer's drawings.

3 | All work to comply with current Building Regulations and codes of practice.
4 | Report any discrepancies to the contract administrator before undertaking the work described in the drawings.
5 | Dimensions are approximate site dimensions and are to be verified by the contractor on site

before any fabrication / site works occur.
6 | Contractor is responsible for all temporary propping to existing structure.



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Project: **94C FORTUNE GREEN ROAD**
Location: **94C Fortune Green Road LONDON, NW6 1DS**
Ordered By: **SAEED ABADI**
Project Number: **2 3 0 9 7 1**

Designed By: **Aa. H.**
Drawn By: **Co. A.**
Checked By: **Aa. H.**
Approved By: **An. H.**
Field: **Architecture**
Scale: **1 | 50 @ A0**

Date: **10 - NOV - 2023**
Revision Number: **03**
Drawing Title: **Proposed Drawings**
DWG No: **AR - 111**

