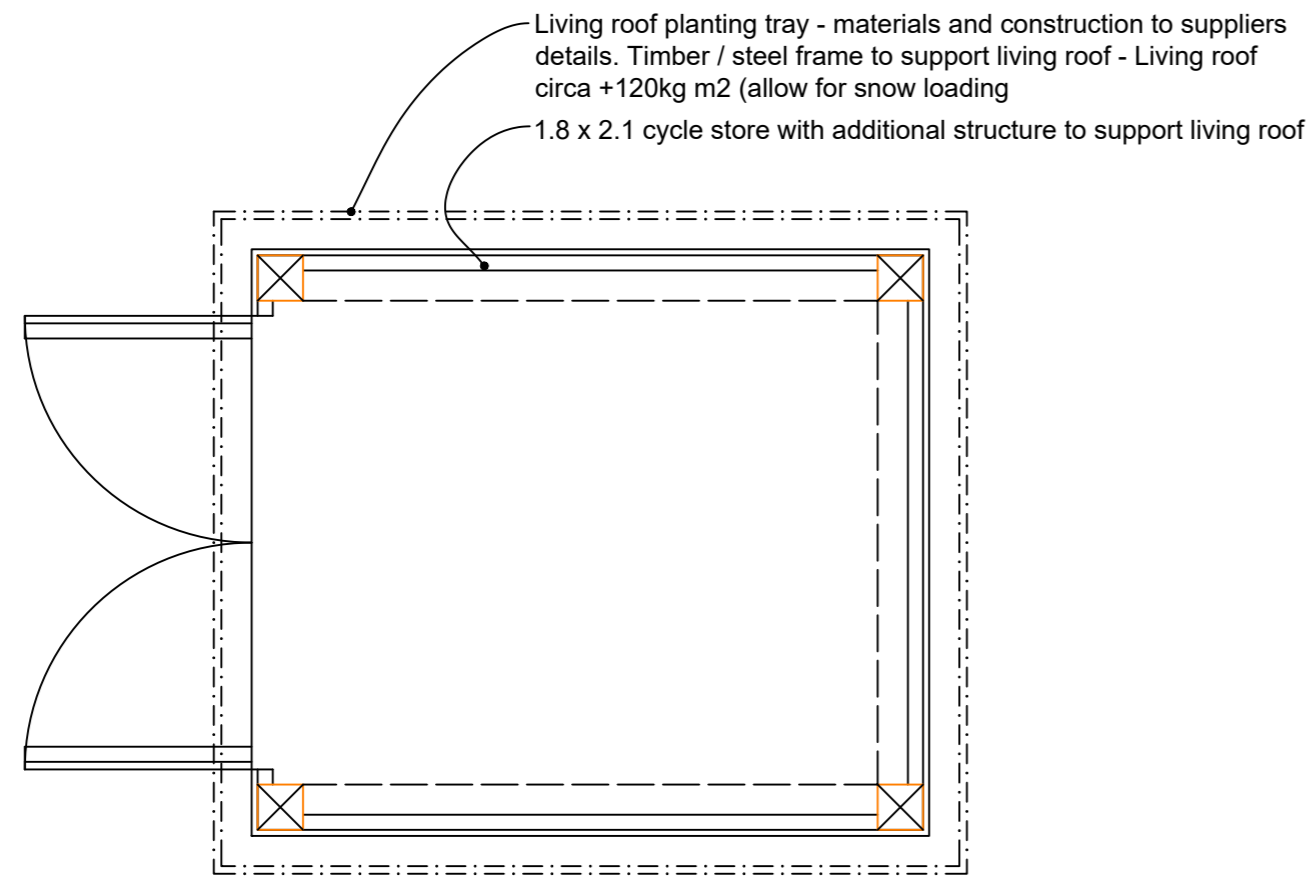
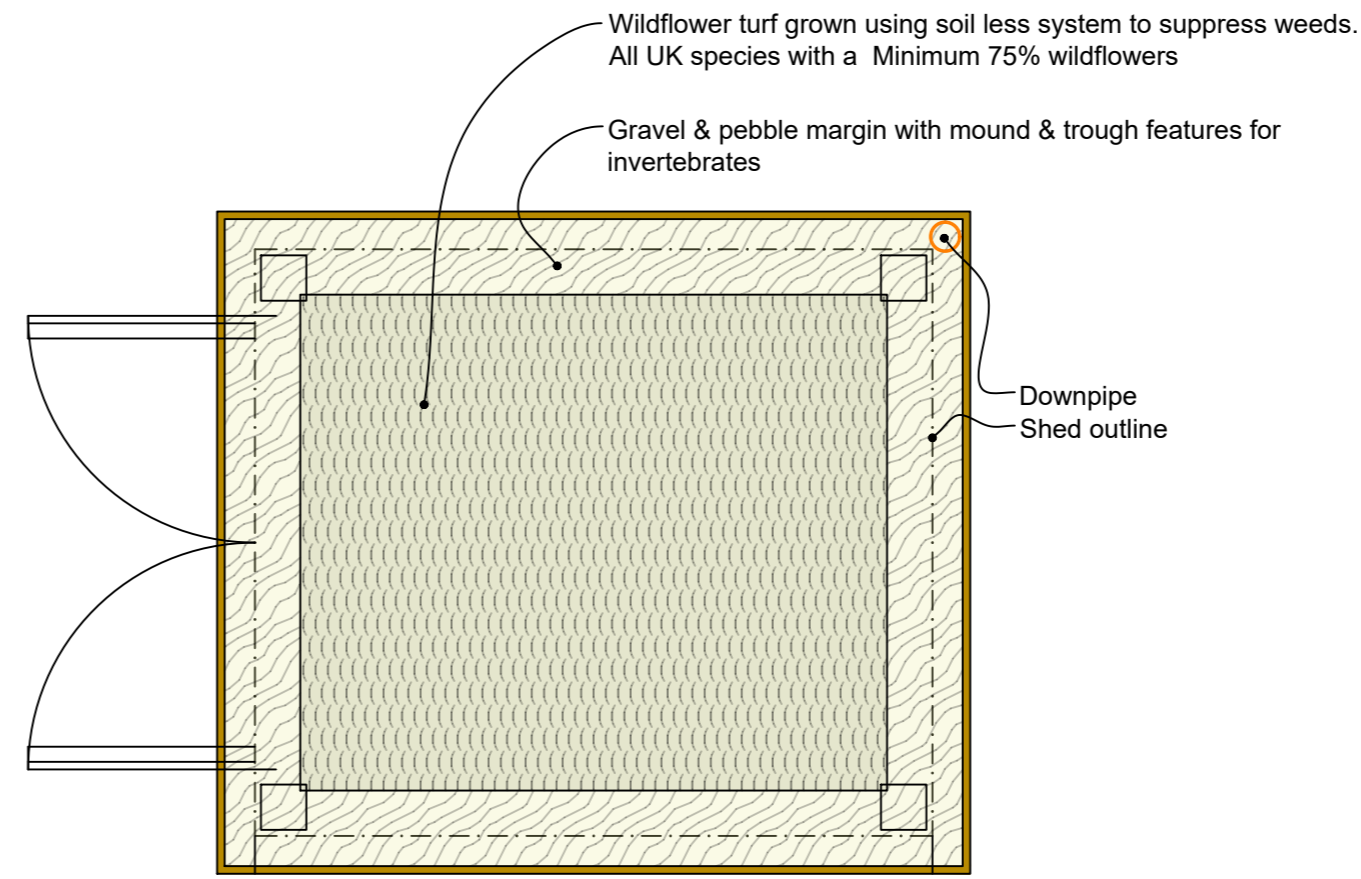


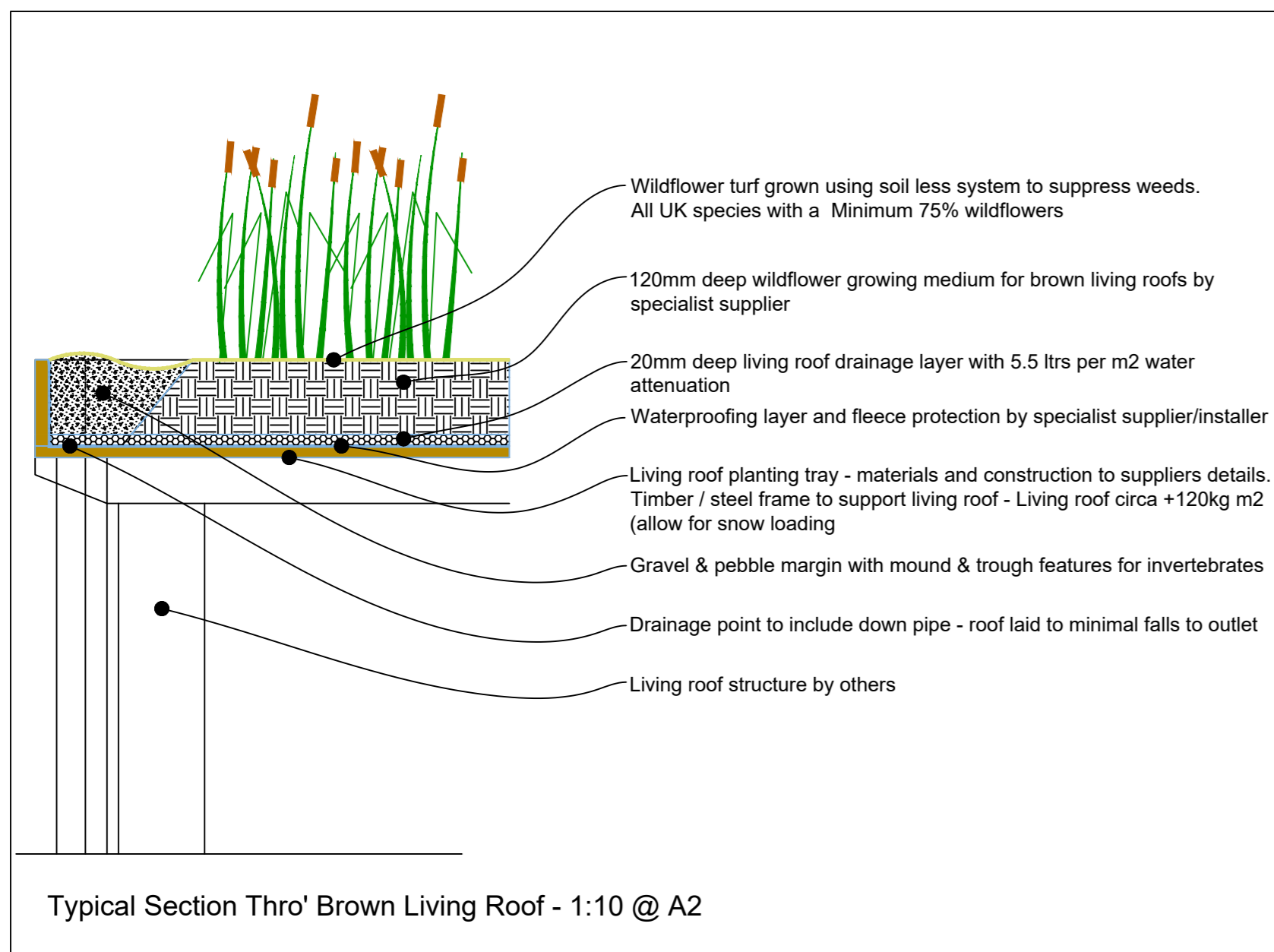
Christadelphian Hall Living roof details



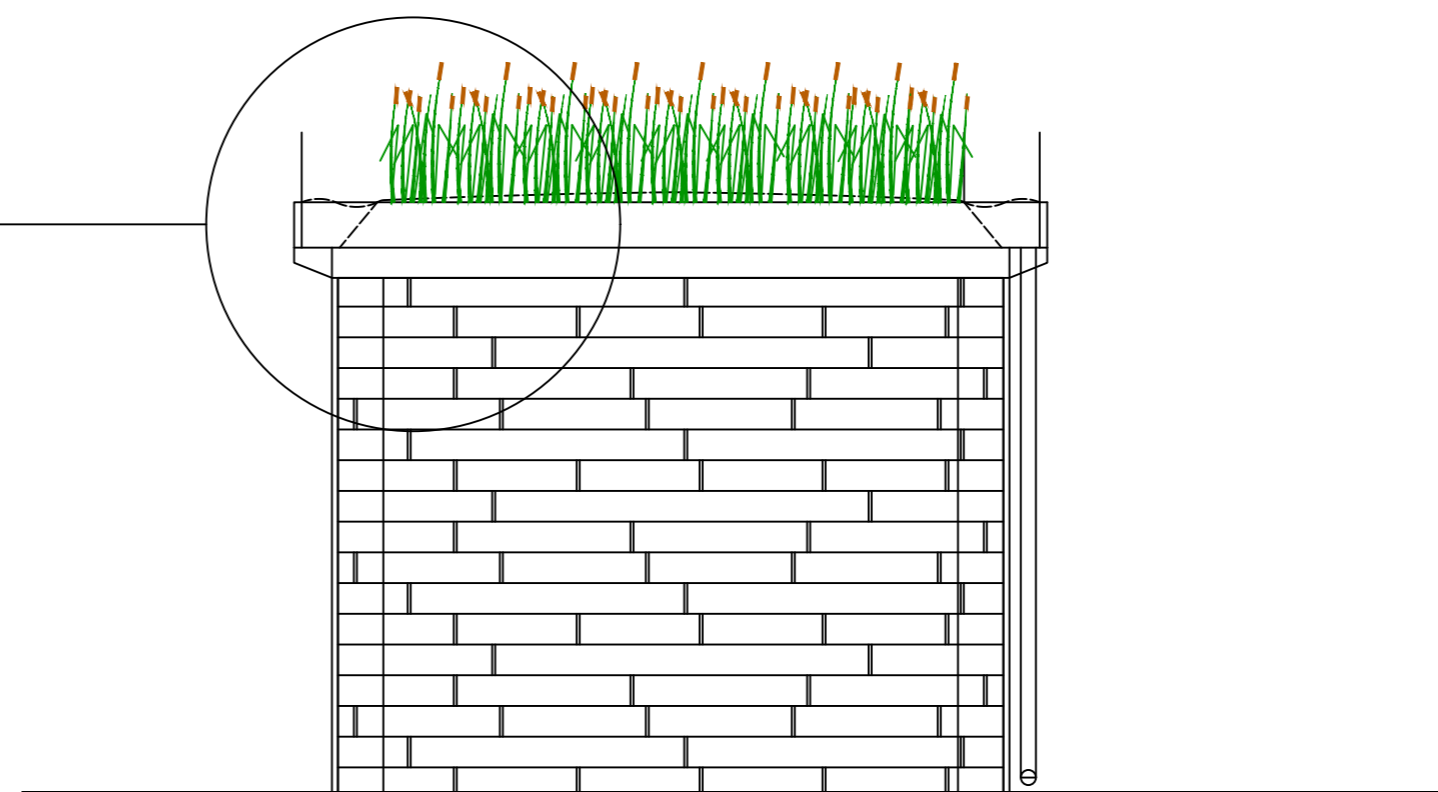
Typical plan of 1.8 x 2.1m cycle storage shed showing Living Brown Roof overhang & Indicative structure



Plan of Brown Living Roof to cycle shelter



Typical Section Thro' Brown Living Roof - 1:10 @ A2



Typical section thro' Brown Living Roof to cycle shelter

Brown Living Roof -

Cycle store and structure to be specified by others. Specification to ensure Brown Living Roof as detailed and described can be installed with a living roof load of circa 120Kg/m2.

Living roof tray to have 25yr life expectancy with external faces finished to match or compliment cycle store. Ensure corner opening for down pipe attachment.

Tray to be fully waterproofed with UV stable material. 20mm deep proprietary drainage layer to be installed with fleece underside, filter fleece to topside and perforated HDPE core to allow for water attenuation and drainage.

Margin (250mm wide) of Pebbles and gravel installed with shallow mounds and troughs for the benefit of invertebrates.

Internal area to be filled with 120mm depth of proprietary growing medium for wildflowers and living roofs.

Growing medium topped off with wildflower turf grown using a 'soil less' system to ensure weed suppression. Turf to be pegged into medium as necessary.

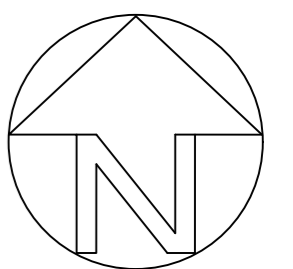
Turf to be made up of 75% UK wildflowers & 25% UK grasses.

Growing medium and turf to be installed during favorable conditions in early autumn or early spring. Follow growers, suppliers and manufacturers instructions where appropriate.

On completion of turving water sward to field capacity.

During year 1 ensure sward is watered weekly from may to September with additional watering in times of drought. Cut sward and remove all arising's in April, May, and August.

From year 2 water as necessary during droughts and allow for 2 cuts per year. In April cut sward to 100mm high and remove arising's. In mid august cut sward to 50mm high and remove all arising's.



CAMBIUM : Landscape architecture | Arboricultural consultancy

Project
Christadelphian Hall

Title
Living Roof Proposals

Client
David Cahill Design Consultants

Date
- 2018

Drawn
MW

Scale
1:25 & 1:10 @ A2

Checked
MW

Drg No.
1438-01

Revision
-

Status
Planning

Cambium, Bankspace 145-147 East Street Bedminster Bristol BS3 4EJ