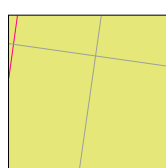


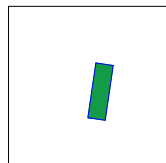


Typical Images - Green Roof Elements









Irrigation Requirements

 Wildflower areas: all to be fitted with permanent irrigation system (pop-up sprinklers preferred to avoid damage to dripline by strimming / maintenance)

 Raised planters: all to be fitted with dripline irrigation system (leaky pipe or similar); tap to be provided as back up if watering necessary during winter months when irrigation system is switched off

Key Soft Landscape

-  purpose-designed biodiverse roof substrate; i.e. Bauder Biodiverse Substrate or similar approved; minimum substrate depth should be 80mm
-  purpose-designed biodiverse roof substrate; i.e. Bauder Biodiverse Substrate or similar approved; minimum substrate depth should be 80mm, Wildflower Mix (Bauder Flora 3 Seed Mix or similar approved) to be sparsely seeded over 90% of the substrate.
-  purpose-designed biodiverse roof substrate; i.e. Bauder Biodiverse Substrate or similar approved; minimum substrate depth should be 80mm, Wildflower Mix (Bauder Flora 5 Seed Mix or similar approved) to be sparsely seeded over 90% of the substrate.
-  log piles to brown roof area (small piles of natural logs 80-100mm diam. 1-1.5m long, 6-8 logs per pile)
-  shingle layer to upstand (washed Riverstone ballast pebbles 20-40mm diam.)
-  stone pile arranged with circular pile of rounded stones in varying sizes (100-200mm diam.); approx. diam. of pile 1-2m
-  metal edge upstand to separate wildflower areas from gravel areas (AluExcel or similar approved suitable for depth of aggregate adjacent to edging)
-  locally raised area to green roof substrate (max. depth 200mm)
-  Roof ponding: area of substrate raised up to edges creating gentle hollow at centre, 100mm below raised edge, area for ponding lined with waterproof pond liner; ponding area to be covered with thin layer of rounded stone (10-20mm diam.), no liner to be exposed
-  Metal trough planters (galvanised and powder coated); 1500x500x600mm; fitted with bottom and filled with 100mm drainage layer and 400mm depth growing medium, finished with 50mm of crushed aggregate; all planters to be fitted with dripline irrigation system (i.e. leaky pipe or similar approved); growing medium: lightweight substrate (i.e. gt growlite by Greentech or similar approved) for plant species details see planting plan
-  Metal trough planters (galvanised and powder coated); 2500x500x600mm; fitted with bottom and filled with 100mm drainage layer and 400mm depth growing medium, finished with 50mm of pea gravel; all planters to be fitted with dripline irrigation system (i.e. leaky pipe or similar approved); growing medium: lightweight substrate (i.e. gt growlite by Greentech or similar approved) planters to be planted with climbing plants and groundcover, for detailed species see planting plan
-  Jakob wiring system to be installed on facade to rear of planters to create metal trellis for winding plants to grow along building facade as indicated (wires to cover height of 5m and width as indicated)
-  Exposed aggregate concrete flag 'Rimini' by Acheson and Glover, 400x400x50mm, laid on adjustable pedestals to suit roof build-up
-  Standard concrete flag; colour: mid-grey 600x600x50mm; laid on adjustable pedestals to suit roof build-up



**David Clarke**  
LANDSCAPE ARCHITECT

29 Uppertown Road, Gleno, Larne,  
Co. Antrim, BT40 3EA  
Tel: 07752805988 / 028 90 767875  
Email: carina@david-clarke.net

Client: M&R

Job: TAXI HOUSE

Title: LANDSCAPE PROPOSALS  
GREEN ROOFS

21167-DCLA-XX-RL-DR-L-000101-DWG(P06)

Scale: 1:200 @ A1 Date: 21/08/2023

Drawn By: cs Chk By: as