

WILDFLOWER AND PERENNIAL MAT – GREEN ROOF

Wildflower and Perennial Mat has been chosen for it's mixture of drought tolerant wildflowerS, sedum, herbs and flowering perennial which flourish on the conditions proposed to be created on this green roof.

The green roof utilises a water-cell reservoir to control run-off and retain moisture for the plants. By using the Wildflower & Perennial Mat the green roof is visually appealing and attractive all year round.

Maintenance

Once established, mats require very little maintenance. It requires one light cut in late autumn. It might require occasional weeding to remove wind-blown seeds.

After installation this green roof vegetation mat must be watered immediately and the water needs to have soaked well into the substrate layer beneath. This can be checked by lifting up a corner of the vegetation mat. The vegetation mat must not be let to dry out at any point during the first 4–6 weeks.

Once the mat is established, there should be no need for irrigation except in extreme prolonged drought.

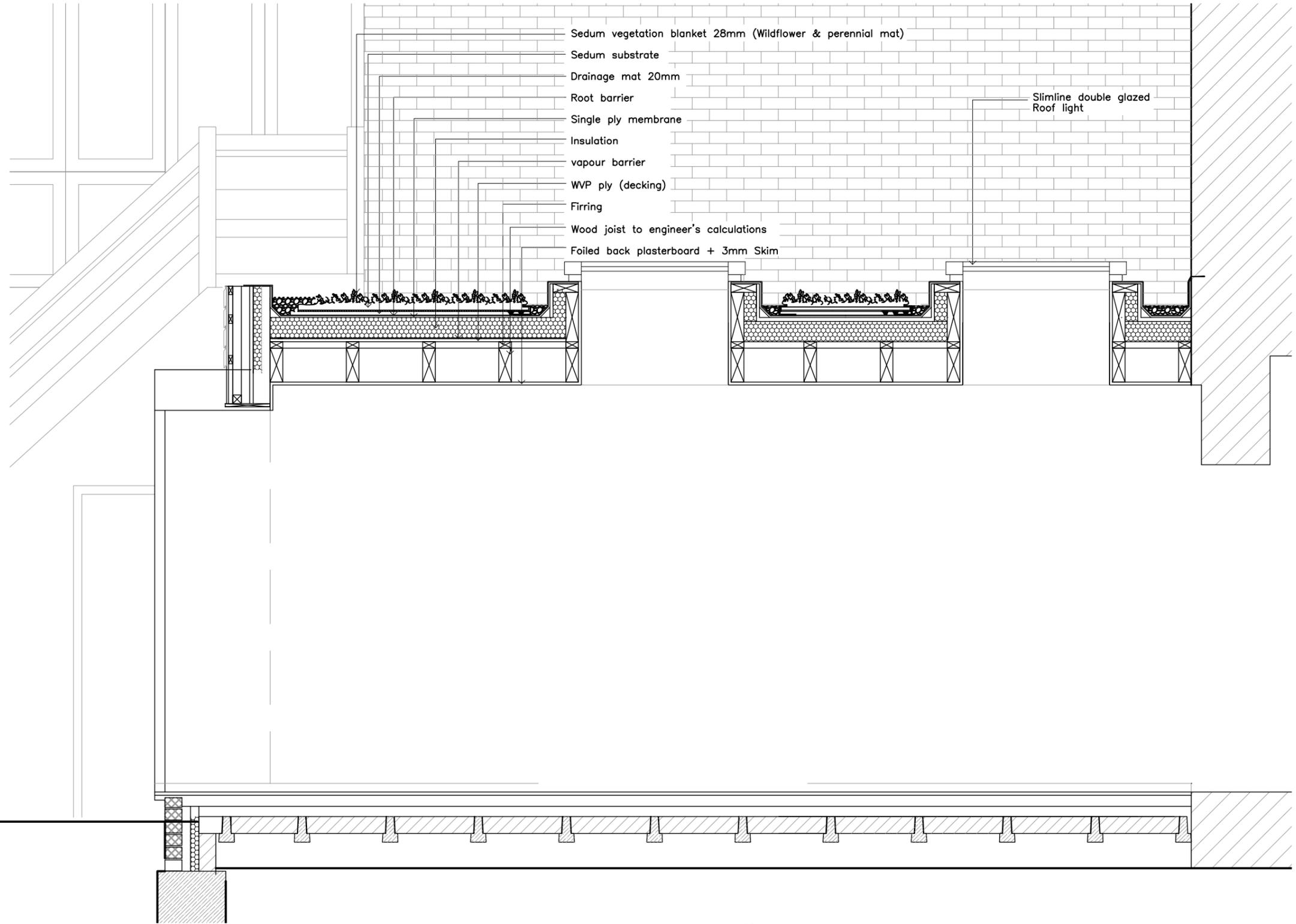
The vegetation mat should be watered through the first growing spring/summer season.

Not to be fertilised before or after laying the vegetation mat. This type of mat perform best in low fertility situations. Fertilising more will encourage other grasses and weeds to grow.

The green roof must be checked annually to ensure all drainage outlets are clear. This will help to avoid over-saturation of the green roof. Maintenance visits should be carried out at least once a year, ideally twice a year, for the first two years.

Maintenance procedures carried out at each visit could include the following:

- Removal of unwanted plant material
- Correction of any localised plant system problems
- Removal of dead flowers if required
- Checks on outlet and drainage
- Replenishment of any area of settled substrate.



- Sedum vegetation blanket 28mm (Wildflower & perennial mat)
- Sedum substrate
- Drainage mat 20mm
- Root barrier
- Single ply membrane
- Insulation
- vapour barrier
- WVP ply (decking)
- Furring
- Wood joist to engineer's calculations
- Foiled back plasterboard + 3mm Skim

Slimline double glazed Roof light

Planning

A3 SHEET

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