

GENERAL MAINTENANCE

- **Clearance of litter:**
Removal of any leaf debris, dead heads and excessive biomass along with any accumulated waste within the extensive green roof space.
- **Maintenance of fire breaks:**
Ensure fire breaks are kept clear of all vegetation and displaced cobbles are replaced. Ensure that edging is securely fixed.
- **Check outlets:**
Check that drainage outlets on roofs are not blocked so that planting remains free drained.
- **Module cleaning:**
Photovoltaics should be cleaned of dust and debris in accordance with suppliers specification twice a year depending on amount of rainfall.
- **Check of electric system:**
Monitor and check electrical system, functionality of the electrical connections, isolators and inverters. Measurement of string voltage and currents in accordance with suppliers recommendations
- **Watering:**
After installation, regular watering and minor upkeep will be needed until the planting has rooted into the growing medium and adapted to its location.
- **Maintain health:**
Maintenance is best carried out annually, during spring time and in late autumn. This may include strimming and the removal of dead organic matter.
Ensure all dead vegetation is removed with a strimmer and provision made for the debris to be safely lowered to the ground and disposed of.
Designated biodiverse areas should be disturbed as little as possible during maintenance to minimise the upset of any micro-habitats that may have colonised.
When carrying out any maintenance to adjoining roof areas, care must be taken not to damage either the green roof landscaping or the waterproofing system.
Monitor biodiversity features to ensure secure to the roof
- **Irrigation:**
Ensure that relevant health and safety procedures are followed when working at roof level, this includes making sure that safe access can be gained to the roof. It is advised that the contractor should always seek proof of current maintenance for any man-safe roof access systems prior to proceeding with the work on site.

PLANT RELATED MAINTENANCE

- **Vegetation removal:**
Any vegetation which has invaded into drainage outlets, inspection chambers, walkways and the vegetation barriers (pebbles) should be removed
- **Maintain height:**
In the late autumn the vegetation should be strimmed back to a height of 50-70mm and unwanted waste matter raked up and removed.
- **Maintain health:**
Apply an appropriate slow release fertilizer every 2 years depending on health and vigour of roof in spring.
Monitor, control and selective weeding of windblown invasive species and removal of woody species.
- **Maintaining coverage and diversity:**
Any bare patches of ground that develop to be seeded with original seed mix. Monitor species diversity and ensure that one species does not become dominant. Reduce in area and density vigorous species.
- **Irrigation:**
Wildflower areas should be watered frequently for 10-12 weeks after installation and in extended periods of drought. Watering should be undertaken during the late evening and can be done via a bib tap located on each roof.

KEY:

NOTES:

- To be read in conjunction with the drawings ARP3-FAB-ZZ-RF-DR-L-903200 Biodiverse Green Roof GA, ARP3-FAB-ZZ-RF-DE-L-908800 Biodiverse Green Roof Typical Details, ARP3-FAB-XX-XX-SH-L-900010_Appendix 1 - Biodiverse Green Roof Planting Schedule and NBS Specification.

- Notes
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Revisions



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Project

ABBEY AREA PHASE 3 for
WATES

Drawing

Appendix 2 - Biodiverse Green Roof Maintenance Notes

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| Scale | Date | Approved | Checked | Drawn |
| 1 : 100 | @A1 | 15/06/23 | MB | JC |
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| <input checked="" type="checkbox"/> Preliminary | <input type="checkbox"/> Issued for Design/Information |
| <input type="checkbox"/> Issued for Planning Approval | <input type="checkbox"/> Issued for Tender |
| <input type="checkbox"/> Issued for Construction | <input type="checkbox"/> As Built |

Drawing sheet size - A1

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