

Proposed Section A - Green Roof

Green(Living) Walls & Roof Maintenance Programme

MAINTENANCE DETAILS:

Scotscape Landscaping Ltd will carry out the maintenance of the Living walls and roof and associated irrigation system as detailed in the schedule of maintenance.

SCHEDULE OF MAINTENANCE:

To carry out 24 Health Checks visits per annum. To carry out 2 no Horticultural visits per annum.

Health Check Visits:

- To visually inspect walls and roof
- To check moisture levels in wall and adjust irrigation as necessary
- To check for pest and disease
- To check for wellbeing of plants To check for correct irrigation operation
- To clean area below wall
- To keep gutters clear from any fallen debris. To carry out remedial work to wall and roof as found to be necessary

Horticultural Visits:

- To check moisture levels in wall and roof and adjust irrigation as necessary
- To remove weeds To prune in accordance with seasonal
- requirements
- To dead head as necessary To treat for pest and disease
- To apply feed and nutrient as necessary To check and service irrigation plant and ensure
- correct operation
- To sweep and tidy below walls
- To check run off outlets for blockage To replant at Scotscape cost any plants that have
- failed due to poor workmanship. Exceptions – See Warranties

- Inspect irrigation check for frost/ice damage check no failing plants
- dead leaf removal

February (Horticultural Visit)

 Winter inspection Remove browned foliage

Ensure even distribution or irrgiation

 Pest control (using bio friendly controls) Check for air borne weeds Sweep hard standing

- Check irrigation
- Visual inspection of wall and roof Check for air borne weeds
- Sweep up any debris
- Re-calibrate irrigation for summer months
- Check weeds Check ofr plant failure over winter months

MaySpring clean up Spring feed to wall

Sweep up hard standing

 Check for pests and diseases Check for air borne weeds

Sweep up all local areas

- Check on all irrigation
- No air borne weeds
- Prune as necessary Ensure even plant coverage

Sweep up as necessary

- Decommission irrigation fror winter months
- necessarv
- Pull out any weed seedlings

irrigation operation. Horticultural visit may change from scheduled weather stops works.

JulyCheck irrigation

- Visual inspection to wall
 - Prune as necessary Pest/disease control

- AugustSummer close visual inspection Remove srping foliage, dead leaves and
- Summer feed
- Remove any air borne weeds
- Prune as necessary
- Apply insecticide as necessary Sweep up all hard standing

- Check even distribution of irrigation Airborne weeds
- Prune as necessary Sweep up hardstanding

October (Horticultural Visit)

- Autumn clean up
- Remove dead flower heads
- Autumn feed

Replace plants if necessary Sweep up

- Visual inspection of wall and roof Ensure even distribution of irrigation
- Dead lead/leaf as necessary Clean/sweep up
- Consistency of presentation groom as

This maintenance schedule is repeated over a 12 month period to ensure full plant health and correct months if remedial action as necessary or extreme

Horticultural Visits Sequence

<u>Access</u>

Access to the base level of the walls can be gained via a door height window on the east elevation of the ground floor (effectively one level up from site level), which gives access to a maintenance walkway along the perimeter of the living walls. The walkway is protected by 1100mm high railings.

Access to the roof level can be gained via a window in the south staircase at first floor level. Connection to fall restraint system required, system to be designed to allow abseil down the curve of the roof onto the living wall.

Only trained and certified persons to use access the roof and walkway. A method statement including risk assessment to be produced prior to access. Protective plastic should be laid before replanting works.

Plant Room

Irrigation tank and Dosetron irrigation and feed control system to be located in a plant cupboard above the escape stair headroom in the south east corner of the site below the living wall nad roof systems. Cupboard to be accessed externally via the alleyway. A clear route must be available in

the event of an emergency.

To prune plants on living wall as required: ALL debris will be collected and placed into 25kg bags and removed from site safely and discarded to the correct waste management facility, via the property's designated entry / exit

To replant where necessary:

Damaged plants will be removed and replaced during regular maintenance visits if accessible. Mobile scaffolding will be incorporated for any major replants.

Waste management - using the same method as above.

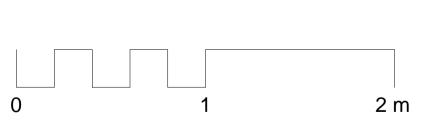
Any materials or plants will be taken to the base of the wall by

Health Check Visits

To adjust irrigation: The irrigation controller shall only be adjusted by a competent person. This is located in plant cupboard in thte south east corner of the building. All irrigation filters to be cleaned thoroughly on a two week basis. Filters to be removed from gutter and rinsed with clean water

To treat for pest and disease

All plants will be inspected and treated where necessary using various integrated pest management controls, reducing the need for chemical treatments where possible eg, treatment of vine weevil using biological controls (nematodes), lacewings will also be used for



This drawing is subject to full verification by measured and structural survey,

engineering design, confirmation of boundaries, easements and

covenants. This drawing is subject to full consultation with statutory bodies and

associated consents. The information is based upon OS information and topographical

There is design development yet to take place that may affect reported areas and drawings. All drawings should be treated as approximate, therefore and decision to be made on the basis of these predictions, whether as to project viability, pre-letting, lease arrangements or the like should include allowances for possible increase or decrease inherent in the design development & construction process and should always be referred back to the legal ownership and land registry plans. All boundaries shown are 'or thereby' and are thus indicative only.

information supplied by third parties.



Project/Client: The Hall Senior School Hampstead

IALN14-0046 P55-SC-01

London

As indicated @A1 Green Roof Section Drawn By: & Maintenance Schedule JDL

18.08.17 Checked By: Date: JAS

T: +44 (0)207 5800 400

Tennyson House, 159-165 Great Portland Street, London, W1W 5PA

Contractors must work only to figured dimensions which are to be checked on site. © NORR CONSULTANTS LIMITED. An Ingenium International Company.