N

KEY

- Proposed Tree Planting in Tree Pit and/or Planter (with Rootcells Below) - 2No.
- Proposed Tree Planting in Soft Landscape - 5No.
- Proposed Specimen Shrub Planting - 36No.
- Proposed Climber Planting with Stainless Steel Support wires - 12No.
- Existing Tree to be Retained - 4No.
- Proposed Extensive Green Roof
- Proposed Extensive Brown Roof
- Proposed Insect 'Hotel' (8No.)

Note: For Site Boundary See LHC Site Location Plan

Green Roof

Green roof to comprise bespoke planting medium (to specialist recommendations) planted with pre-planted Sedum matting. The succulent plants are naturally drought-tolerant and will provide a valuable source of nectar.

The following native species will be included within the planting mats;

- *Sedum acre,*
- *Sedum fosterianum,*
- *Sedum reflexum, and*
- *Sedum telephium*

The following species will *not* be permitted within the planting mats (due to the invasive growth characteristics);

- *Sedum spurium,*
- *S. kamtschaticum, and*
- *S. spectabile*

Brown Roof

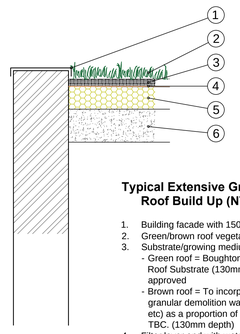
Brown rood to comprise bespoke planting medium to included selective re-use of granular demolition waste (subject to specialist recommendations). Brown roof areas to be sown with Emorsgate ER1F Wildflowers for Green Roofs seed mix (or similar approved).

Following initial seeding of brown roof areas, indigenous flora from the surrounding urban landscape will be allowed to colonise these areas and will ultimately reflect the local context and habitats.

Insect 'Hotel'

8No. Insect 'Hotels' will be provided within green and brown roof areas. These will provisionally comprise stacked timber pallets (Max 4No. high) with voids backfilled with twigs, branches, stones, recycled brick, recycled card, straw, hessian, recycled timber etc. that will naturally decay over time. Selected demolition waste maybe suitable for use as backfill material.

Metal water trays filled with pebbles will also be included in association with Insect Hotels. These will naturally fill with rainwater and will provide a valuable water source for invertebrates. (This system has been recommended by Devon Wildlife Trust and Exeter Wild City)



Typical Extensive Green/Brown Roof Build Up (NTS)

1. Building facade with 150mm Ht. parapet
2. Green/brown roof vegetation (see seed mixes)
3. Substrate/growing medium;
   - Green roof = Boughton Extensive Green Roof Substrate (130mm depth) or similar approved
   - Brown roof = To incorporate selected inert granular demolition waste (e.g. crushed brick etc) as a proportion of the growing medium TBC. (130mm depth)
4. Filter layer and with waterproof drainage membrane below (20mm depth)
5. Insulation layer with roof screed below
6. Structural roof deck

REV	DATE	COMMENTS	AUTHOR / CHECKED
C03	18.12.19	Typical roof garden detail added.	TA / TA
C02	15.10.19	Vehicular access tracking revised and barrier added	TA / TA
C01	08.10.19	Block 1 & Block 2 Footprint Updated	RS / TA
P01	27.09.19	Issued	RS / TA

PROJECT TITLE
Harlequins

DETAIL
Rooftop Softworks Plan

DRAWING NUMBER
(PROJECT-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)
EHQ - LHC - 00 - ZZ - DR - L - 94 - 02

STATUS	STATUS DESCRIPTION	
S1	Information	
REVISION	DATE	SCALE
C03	October 2019	1:250 @A0

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE - ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM - DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING

LHC PROJECT NUMBER
17161

lhc design
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PLYMOUTH 01752 665566
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