

**29-30 Kings Mews
London
WC1N 2JB**

ii. Full Details of Planting Species and Density

Definition

Living roof is a broad term defined by the *GLA Living Roofs and Walls - Technical Report 2023 : Supporting London Plan Policy* to include green roofs, roof terraces and roof gardens.

The term includes roofs and structures that may be accessible by workers or residents, and that may be intensively or extensively vegetated. Living roofs comprise two main types – green roofs and recreational roofs.

Recreational Roof & Green Roof Areas

The living roof proposed at 29-30 Kings Mews is separated into 2 areas - a recreational roof accessible via access rooftop and a non-accessible green roof & mechanical plant area, which can only be accessed for maintenance purposes.

These areas are separated by railings as indicated on planning application ref 2012/3877/P drawing 4003 rev D

Objective - A Semi-Intensive Approach

The objective is to create a biodiverse selection of rooftop-location appropriate planting in accordance with the Green Roof Organisation guidance *The GRO Green Roof Code June23* and in accordance with Natural England guidance.

Natural England 2023 advise : *with intensive green roofs, the primary consideration in the conventional approach is amenity, which means that the planted area may not be as biodiverse as it could be. More attention can be made towards adopting a wildlife gardening approach, with native species and non-native species with a documented value for wildlife. Mixtures of low or medium perennials, grasses, bulbs and annuals from dry habitats, wildflower meadows and hardy sub-shrubs.*

A common approach to extensive green roof planting design is to procure a generic mix of planting which initially fulfils its objective, but without careful attention over time, dominant plants will thrive and weaker plants will not, affecting the balance of plants proposed.

Following is a list of plants visible in photo 1 Hyde Park Serpentine Gallery garden and a list of UK wild flowers, proposed to be planted in the non-accessible green roof & mechanical plant areas. In the event that certain species do not thrive, similar species will be substituted.

29-30 Klings Mews Green Roof : Proposed Plants

As Serpentine Gallery Garden	Wildflowers
African Lily	Achillea millefolium
Baby Sage	Armeria maritima
Bay Laurel	Bellis perennis
Carthusian Pink	Campanula glomerata
Catmint	Campanula rotundifolia
Chinese Silver Grass	Centaurea cyanus
Chives	Centaureum erythrea
Common Box	Dianthus deltoides
Common Sage	Echium vulgare
Eastern Gamagrass	Galium verum
Endres Cranesbill	Geum rivale
Garden Phlox	Linaria vulgaris
Giant Dogwood "Variegata"	Linaria vulgaris
Giant Onion	Lotus corniculatus
Greater Masterwort	Lychnis flos-cu-culi
Himalayan Crane's-bill	Papaver rhoeas
Hubricht's Bluestar	Pilosella aurantiaca
Kousa Dogwood	Prunella vulgaris
Meadow Crane's-bill	Rhianthos minor
New York Aster	Saponaria officianalis
Northern Blue Flag Iris	Scabiosa columbaria
Opium Poppy	Sedum acre
Pampas Grass	Silene uniflora
Purple Moorgrass	Silene vulgaris
Red Bistort	Thymus polytricus
Red Hot Poker	
Rosemary	
Rough Small Reed	
Showy Stonecrop	
Sicilian Honey Garlic	
Spearmint	
Spiked Speedwell	
St Bernard's Lily	
Tuberous Jerusalem Sage	
Woodland Sage	



Photo 1 : biodiverse mixed planting at Hyde Park Serpentine Gallery garden