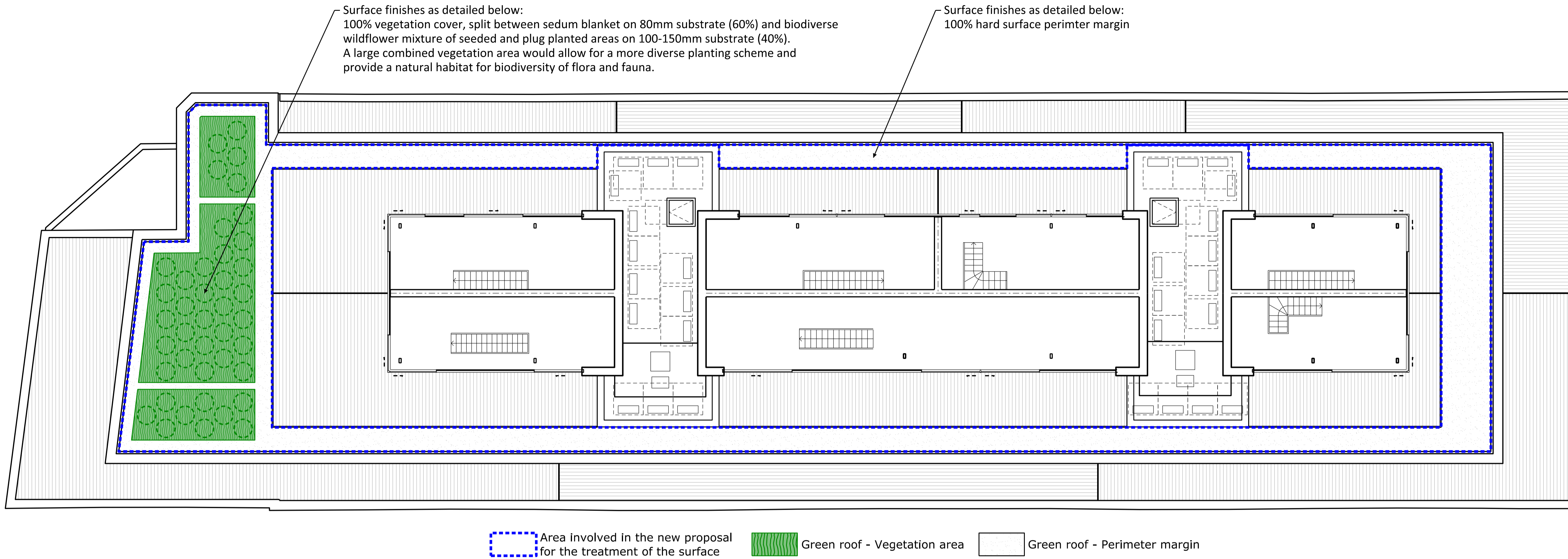


PLANNING



Bauder Biodiverse Wildflower Mixture Specification:

Seed
Suggested Seed Mix (Bauder Flora 3 Seed Mix). Covering approx. 20% of the bio-diverse areas. This seed mix uses a tackifier and slow release fertiliser to maximise the germination of the seed mix. To give a seeded rate of 5gms per sqm the rate of Bauder Flora 3 mix required will be 100g/m².
Note: Bauder Flora 3 Seed Mix contains 38 wildflower species (mix is approved to be RHS 'perfect for pollinators'), 9 annuals, 8 grasses and sedges. All of which are certified British Native Provenance (as defined by Flora Locale).

Plug Planting
Plugs planted at 15-25 per m². Covering approx. 20% of the biodiverse areas.
Possible suggested plug mix as follows:

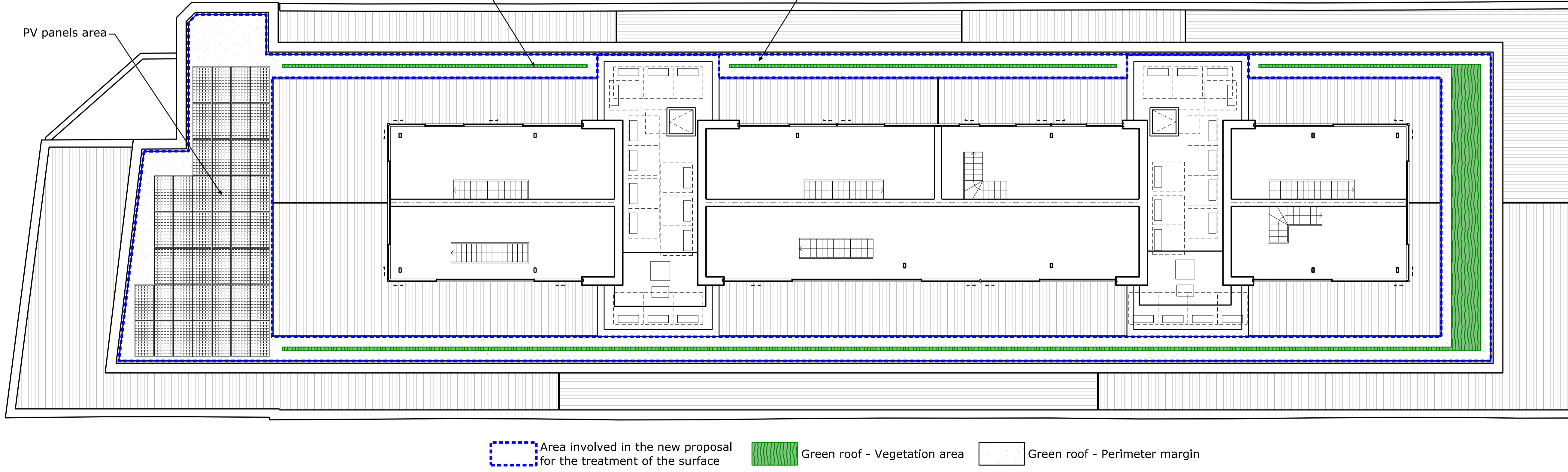
| | |
|----------------------------|-----------------------------------|
| Yarrow | <i>Achillea millefolium</i> |
| St John's Wort | <i>Hypericum perforatum</i> |
| Yellow-wort | <i>Blackstonia perfoliata</i> |
| Common Centaury | <i>Centaurium erythraea</i> |
| Kidney Vetch | <i>Anthyllus vulneraria</i> |
| Common Bird's-foot-trefoil | <i>Lotus corniculatus</i> |
| Bristly Ox-tongue | <i>Helminthotheca echioides</i> |
| Dove's-foot Crane's-bill | <i>Geranium molle</i> |
| Common Eyebright | <i>Euphrasia nemorosa</i> |
| Betony | <i>Stachys officinalis</i> |
| Mugwort | <i>Artemisia vulgaris</i> |
| Devil's bit | <i>Scabiosa succisa pratensis</i> |
| Ribwort Plantain | <i>Plantago lanceolata</i> |
| Selfheal | <i>Prunella vulgaris</i> |
| Corncockle | <i>Agrostemma githago</i> |

*Highlighted in the summary of existing habitat.

2 Plan as proposed maximising vegetation area for green roof to increase biodiversity and viability

The vegetation area available would only be of approx 100mm width as a 500mm wide perimeter margin is required to comply with building regulations and roofing/landscaping requirements. A 100mm wide planting area could only allow for a very limited amount of plant species and could reduce their long term viability.

- Perimeter margin 500mm wide (vegetation barrier):
- Act as a fire break.
 - Prevent vegetation from encroaching on roof elements such as rainwater outlets.
 - Protection of the vegetation layer from water running down vertical upstand surfaces or from higher level rainwater downpipes.
 - Provide rapid surface drainage during heavy rainfall.
 - Reduce and ease routine maintenance.
 - Protection of the waterproofing from mechanical damage during maintenance.
 - Wind uplift resistance by increasing the imposed load at roof perimeters.



1 Plan as approved in planning permission Ref:2013/3494/P and APP/X5210/A/13/2207697 as amended by Ref: 2015/6513/P granted 03/02/2016

| | | |
|-----|----------|----------------|
| P1 | 18.11.16 | Planning Issue |
| Rev | Date | Note |

Acoustic Engineer
Gillieron Scott Acoustic Design

Interior Design
Gordon-Duff + Linton

Project Management / Quantity Surveyor
Stace LLP

Services
Synergy Consulting

Structures
Fluid Structures

Client
Linton Property Developments Ltd
The Linton Group,
14 Basil Street, Knightsbridge, London, SW3 1AJ

Project title
LINTON HOUSE

Drawing Title
WINTER GARDEN FLOOR GREEN ROOF COMPARISON

Scale @ A1 **1:100** Scale @ A3 **1:200**

| | | |
|-------------|-------------|-----------|
| Project No. | Drawing no. | Revision |
| 152 | 128 | P1 |

Status
PLANNING

Date of Issue
NOV 2016

Clive Sall Architecture Ltd.
2 Providence Yard
Ezra Street
London E2 7RJ
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