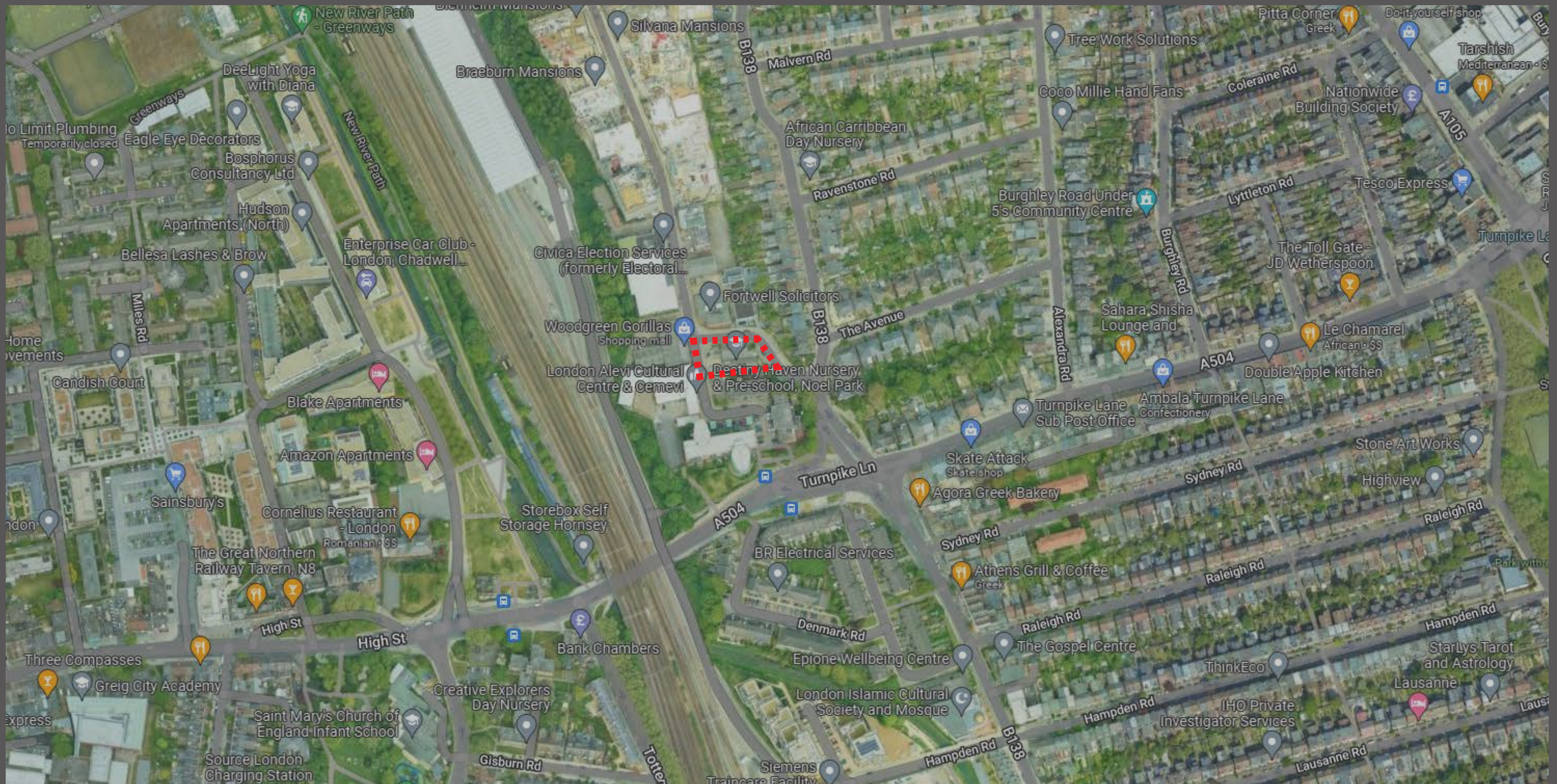




Jessica Buttons, Haringey Landscape Strategy

Client : Paul Simon Homes

September 2022 - Standerwick Land Design



LANDSCAPE STRATEGY

To develop a holistic approach to landscape design that considers both the local and wider context in terms of urban design, sustainability, public and residential amenity and biodiversity. The landscape strategy will consider the following in detail

PUBLIC REALM

- Provide a net gain in usable public space with increased permeability across the site with wider footpaths
- To improve the pedestrian experience along Clarendon Road with wider paths, street furniture and planting in line with 'Healthy Streets' guidance
- Promote active frontages with high quality landscape and an opportunity for integrating public art or community projects as wider masterplan develops
- Create opportunities for street trees and sustainable urban drainage coordinated with existing and proposed services

RESIDENTIAL AMENITY & PLAY

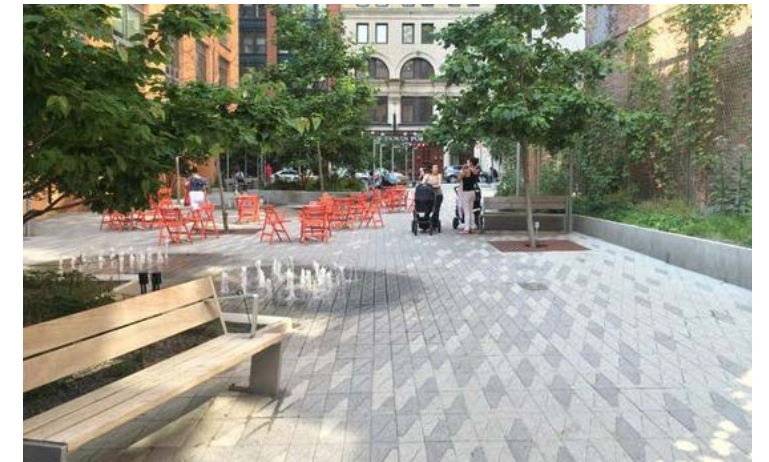
- Look to provide a safe green oasis for residents providing a sense of calm and well being where passive and active spaces can be in harmony
- Provide integrated and inclusive play for 0-11 age groups accessible to all tenures, in line with current SPG requirements and the GLA play space calculator
- Consider day light sunlight levels and wind conditions in the orientation of the proposed amenity gardens

BIODIVERSITY & URBAN GREENING

- Demonstrate a net gain in biodiversity creating habitats suitable for a wide variety of species to survive
- To achieve an Urban Greening Factor of 0.4 in line with the GLA's recommendations, this is achieved by utilising roofs for biodiversity gain and street tree planting.
- Take account of habitat and species targets in relevant Biodiversity Action Plans (BAPs) to ensure proposals are suitable for their location.
- Provide comprehensive ecological mitigation and enhancements that encourages the passage of fauna and flora across the site joining up to wider wildlife corridor



STREET TREES & UGF PITS



PUBLIC REALM IMPROVEMENTS



RAIN GARDENS & SUD'S



BIO-DIVERSE ROOFS



PASSIVE AMENITY SPACE



OUTDOOR PLAY



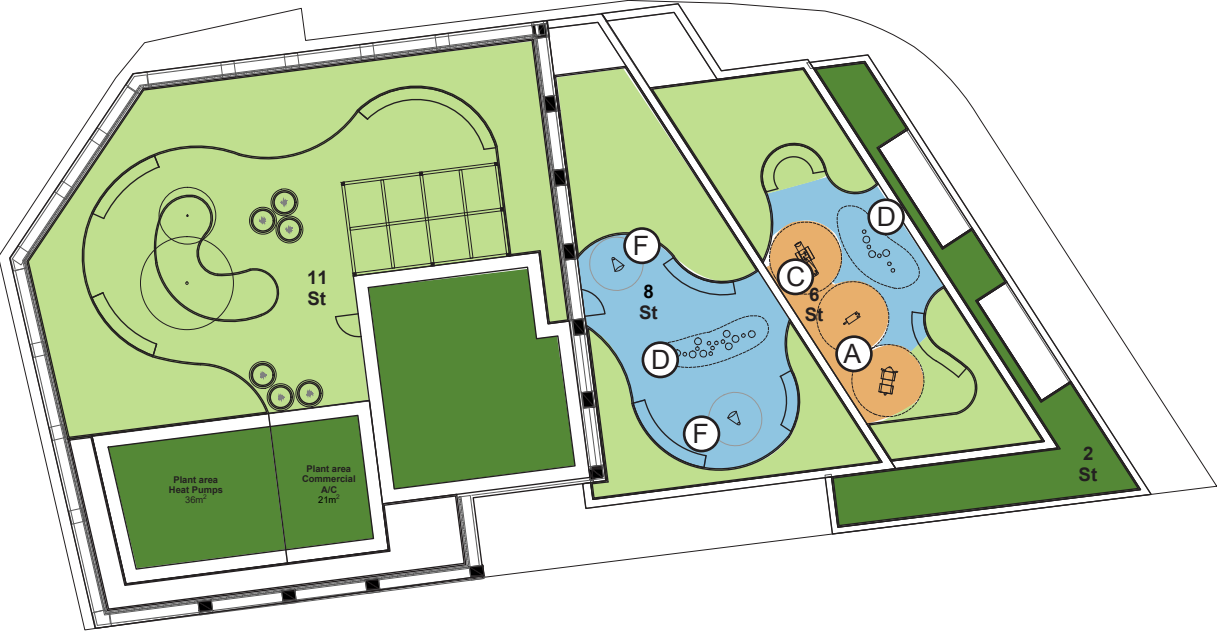
INDOOR PLAY



ECOLOGICAL MITIGATION

SPATIAL DEFINITION & PLAY STRATEGY

OUTDOOR PLAY AREAS



INDOOR OUTDOOR PLAY AREAS 6TH FLOOR



Yield from Development (persons)

	Market & Intermediate	Social	Total
Ages 0, 1, 2, 3 & 4	3.9	4.9	8.9
Ages 5, 6, 7, 8, 9, 10 & 11	2.6	3.9	6.4
Ages 12, 13, 14 & 15	0.5	1.9	2.4
Ages 16 & 17	0.3	1.0	1.3
18-64	69.6	16.2	85.8
65+	1.7	0.4	2.0
Total Yield	78.6	28.2	106.8

Play Space Calculator

Total Children	18.9
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	Benchmark (m ²)	Total play space (m ²)
Play space requirement	10	189.3

88.9✓

64.1✓

KEY:

0-4 PLAY

5-11 PLAY

PASSIVE/SHARED AMMENITY

BIODIVERSE ENHANCEMNET

STRATEGY:

- TO PROVIDE 0-11 PLAY PROVISIONS ONSITE
- PLAY TO BE ACCESSIBLE TO ALL AND TO ALL TENURES
- NATURE THEME AND EDUCATAIONAL PLAY

TYPES OF PLAY OUTDOOR:



TYPES OF PLAY INDOOR:



UGF PLAN

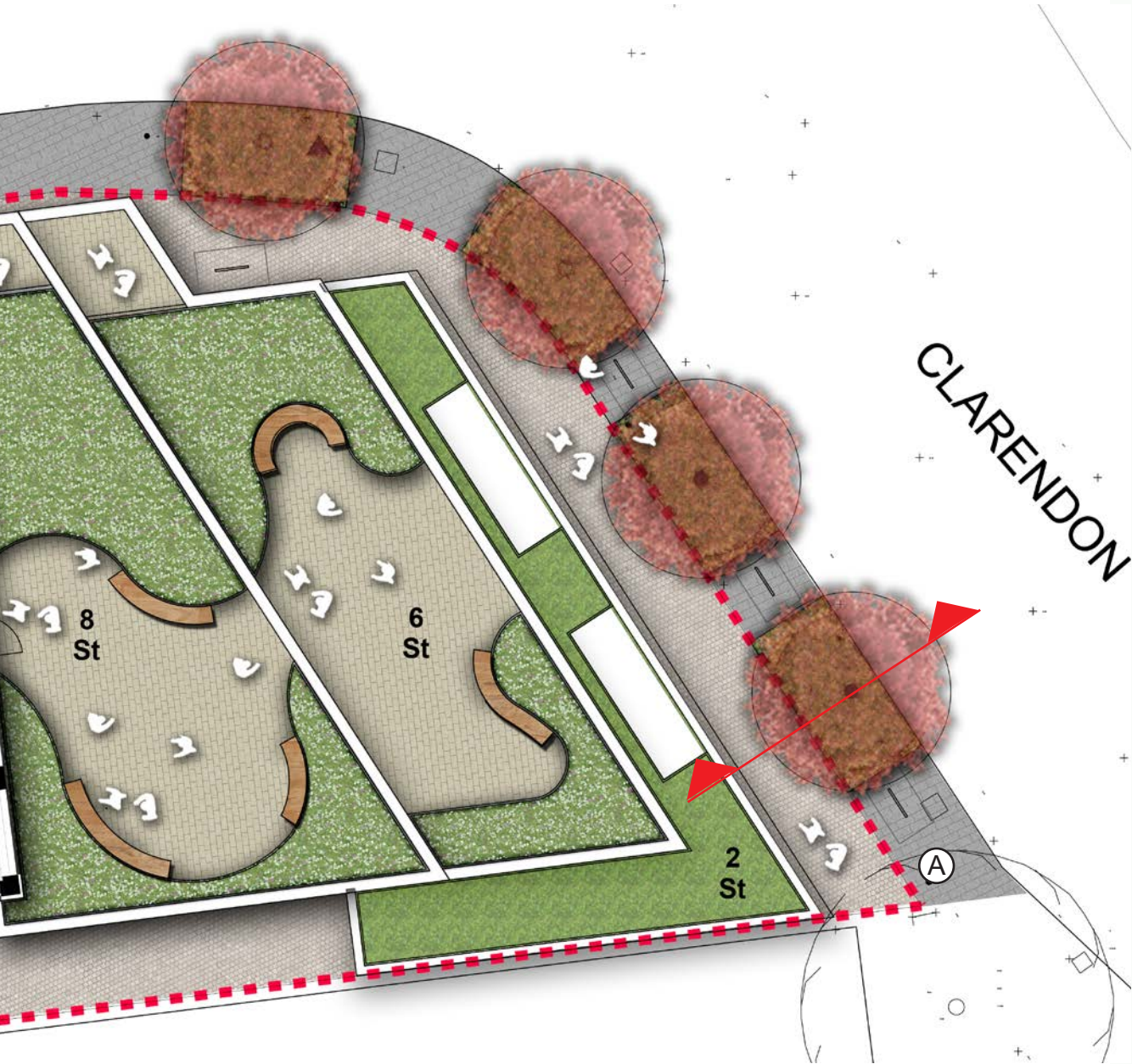


UGF CALCULATIONS

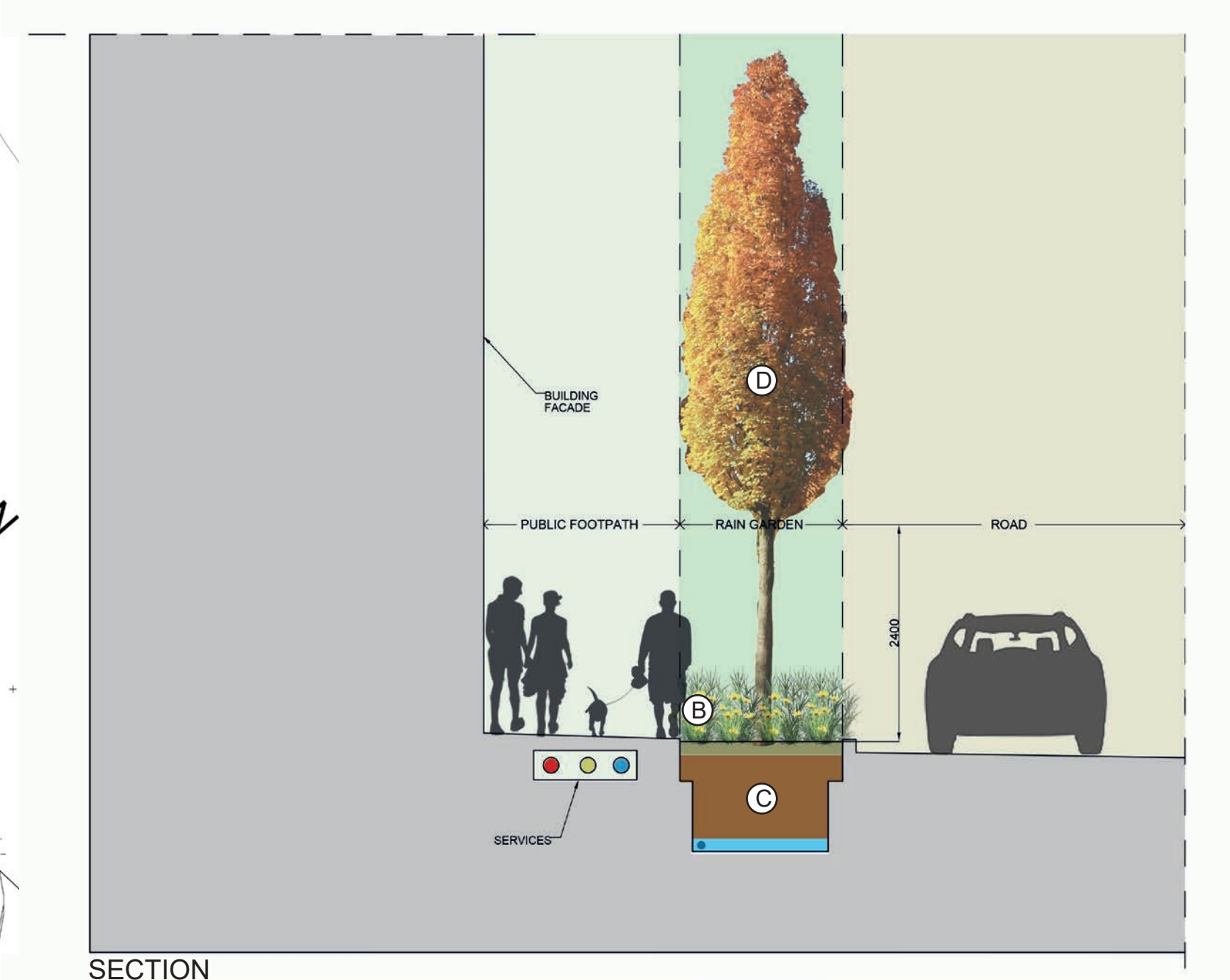
JESSICA BUTTON - PRELIMINARY URBAN GREENING FACTOR - OPTION A			SITE AREA (M2) =	6300	SITE AREA (M2) =	779
Surface Cover Type	Factor	Existing Site Areas	Existing Site UGF	Proposed Site Areas	Proposed Site UGF	
Semi-natural vegetation (e.g. woodland, flower-rich grassland) created on site.	1	150	150		0	
Wetland or open water (semi-natural; not chlorinated) created on site.	1	0	0		0	
Intensive green roof or vegetation over structure. Vegetated sections only. Substrate minimum settled depth of 150mm – see livingroofs.org for descriptions.	0.8	0	0	105	84	
Standard trees planted in natural soils or with a minimum of 25 cubic metres soil volume per tree (preferably with load-bearing substrates and connected pits) – see Trees in Hard Landscapes for overview.	0.8	27	21.6	4	3.2	
Extensive green roof with substrate of minimum settled depth of 80mm (or 60mm beneath vegetation blanket) – meets the requirements of GRO Code (2014).	0.7	0	0		0	
Wild life - Flower-rich perennial planting – see Centre for Designed Ecology for case-studies.	0.7	1500	1050	180	126	
Rain gardens and other vegetated sustainable drainage elements – See CIRIA for case-studies.	0.7	0	0	40	28	
Hedges (line of mature shrubs one or two shrubs wide) – see RHS for guidance.	0.6	210	126		0	
Standard trees planted in individual pits with less than 25 cubic metres soil volume.	0.6	0	0		0	
Green wall – modular system or climbers rooted in soil – see NBS Guide to Façade Greening for overview.	0.6	0	0	100	60	
Groundcover planting – see RHS Groundcover Plants for overview.	0.5	120	60		0	
Amenity grassland (species-poor regularly mown lawn).	0.4	0	0		0	
Extensive green roof of sedum mat without substrate or other systems that do not meet GRO Code (2014).	0.3	0	0		0	
Water features (chlorinated) or unplanted detention basins.	0.2	0	0		0	
Permeable paving - see CIRIA for overview.	0.1	3650	365	344	34.4	
Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone).	0	670	0		0	
Totals			0.281		0.431	



TREES IN PUBLIC REALM SECTION



PLAN



SECTION



LANDSCAPE MASTERPLAN OF JESSICA BUTTONS



LANDSCAPE MASTERPLAN OF JESSICA BUTTONS & EXISTING CONTEXT

SCALE 1:200

0 2 4 8 20m

23.8m

Shelter

SLD-UD112-LM2



LANDSCAPE MASTERPLAN & FUTURE PHASING



PASSIVE AMENITY SPACE
11TH FLOOR PASSIVE AMENITY:



MATERIALS PALLET



CORTEN STEEL PLANTERS



METAL PERGOLA WITH COLOURED PANNELS FOR REFLECTION



CORTEN STEEL PLANTER POTS



INTERGRAED BENCHES



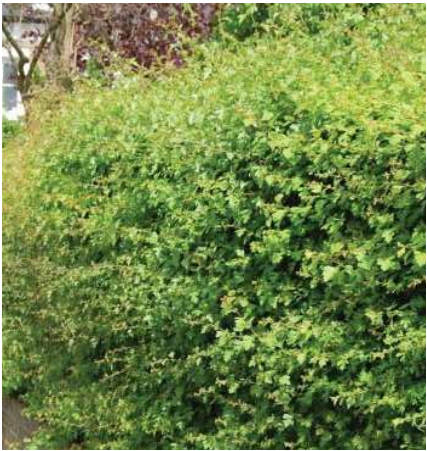
11TH FLOOR GARDEN
OFFERING A PASSIVE AMENITY SPACE SKY GARDEN WITH VIEWS OVER THE CITY FOR RESIDENTS
"A CALM OASIS OF GREEN"

HEDGE & SHRUB MIX STRATEGY - GROUND FLOOR & ROOF

HEDGE PLANTING



Buxus sempivirens



Carpinus betulus



Griselinia littoralis

SHRUB PLANTING



Crocosmia 'Lucifer'



Cistus corbariensis



Euonymus fortunei 'Emerald Gaiety'



Hosta fortunei



Houttuynia cordata 'Chameleon'



Hypericum calycinum



Prunus 'Otto Luyken'



Pittosporum tenuifolium 'Tom Thumb'



Salvia officinalis 'purpurascens'



Alchemilla mollis



Bergenia cordifolia 'Purpurea'



Bergenia 'Silberlicht'

HEDGE & SHRUB MIX STRATEGY - GROUND FLOOR & ROOF

SHRUB PLANTING



Briza media



Ceanothus thrysiflorus repens



Dianthus 'Haytor white'



Hebe 'White Gem'



Hebe pinguifolia 'Pagei'



Hedera hibernica



Heuchera micrantha 'Palace Purple'



Hebe albicans



Iris foetidissima



Kimmia japonica 'Rubella'



Lavandula angustifolia 'Munstead'



Lavandula stoechas pedunculata



Liriope muscari



Santolina chamaecyparissus 'Lemon Queen'



Santolina pinnata (Neapolitana) Sulphurea'



Stachys byzantina



Sedum spectabile 'Septembergglut'



Vinca minor 'Argenteovariegata'

BIO-DIVERSE ROOF & ECOLOGICAL ENHANCEMENT

OBJECTIVES :

- To help provide a green foot print to the site consequently mitigating existing habitats lost
- Provide green roofs for visual interest to residents and new habitats wich are species rich thus maximising biodiversity
- Incorporate mitigation and enhancement recommendations from ecology report
- Provide ecological enhancement such as log piles, bat and bird boxes utilising proposed roof as a feeding ground for local fauna
- Specify native species which are in line with the Council’s BAP (Bio-diverse Action Plan)
- Utilise Biodiverse roof space as part of an over all SUD’s strategy incorporating blue roofs where necessary to assist with attenuation and water run off
- Where PV’s are required on the roofs utilise Biodiverse roof system to maximise ecological en-hancement
- Specify both green and brown roofs to maximise the number of native species assisting with achieving the highest ecological value in BREEAM calculations
- The bird bath & drinker wter feature is cincorporated into design of the podium amenity garde. It provides fresh water for invertebrates, baths and birds



BIODIVERSE ROOF WITH SEDUM AND WILDFLOWER



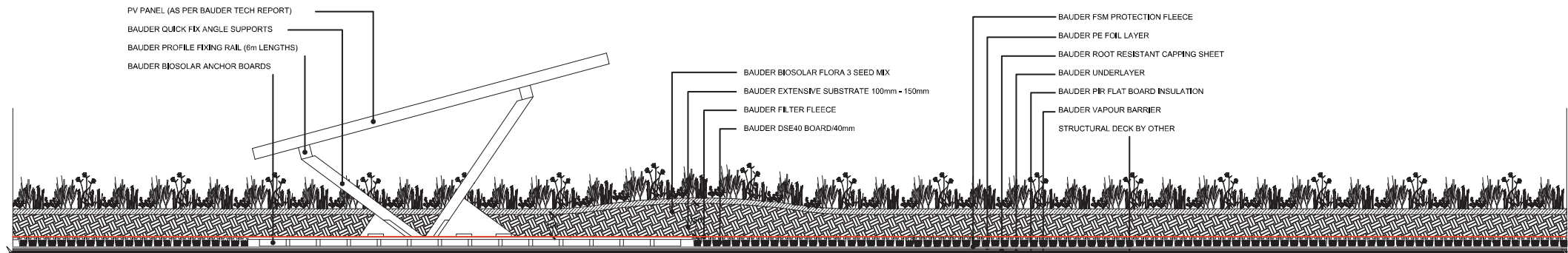
BIODIVERSE BROWN ROOF



VERBASCUM NIGRUM (DARK MULLEIN)



DIANTHUS DETOIDES (MAIDEN PINK)



LOG PILES



INSECT WALL



EXPOSED ROCK FORMS



Habitat creation for saproxylic invertebrates and reptiles. To be included on extensive green roof. Log of 1000mm in length and 100mm in diameter per 20m2 of green roof. Insect wall & exposed rock forms to provide a variety of habitats.

BIRD BATH & DRINKER



BIRD BOXES



Schwegler & Swift Brick Box.



Schwegler House & Tree Sparrows.

BAT BOXES

Located at a height of between 3 to 6m. Proven successful for Common Long- eared bat (Plecotus auritus). Timber and concrete construction. W & D:160mm x H: 330mm. 3.8kg.



TYPE 1FR Schwegler Tube Box OR 1MF Slope Box.

BUMBLEBEE BOX

