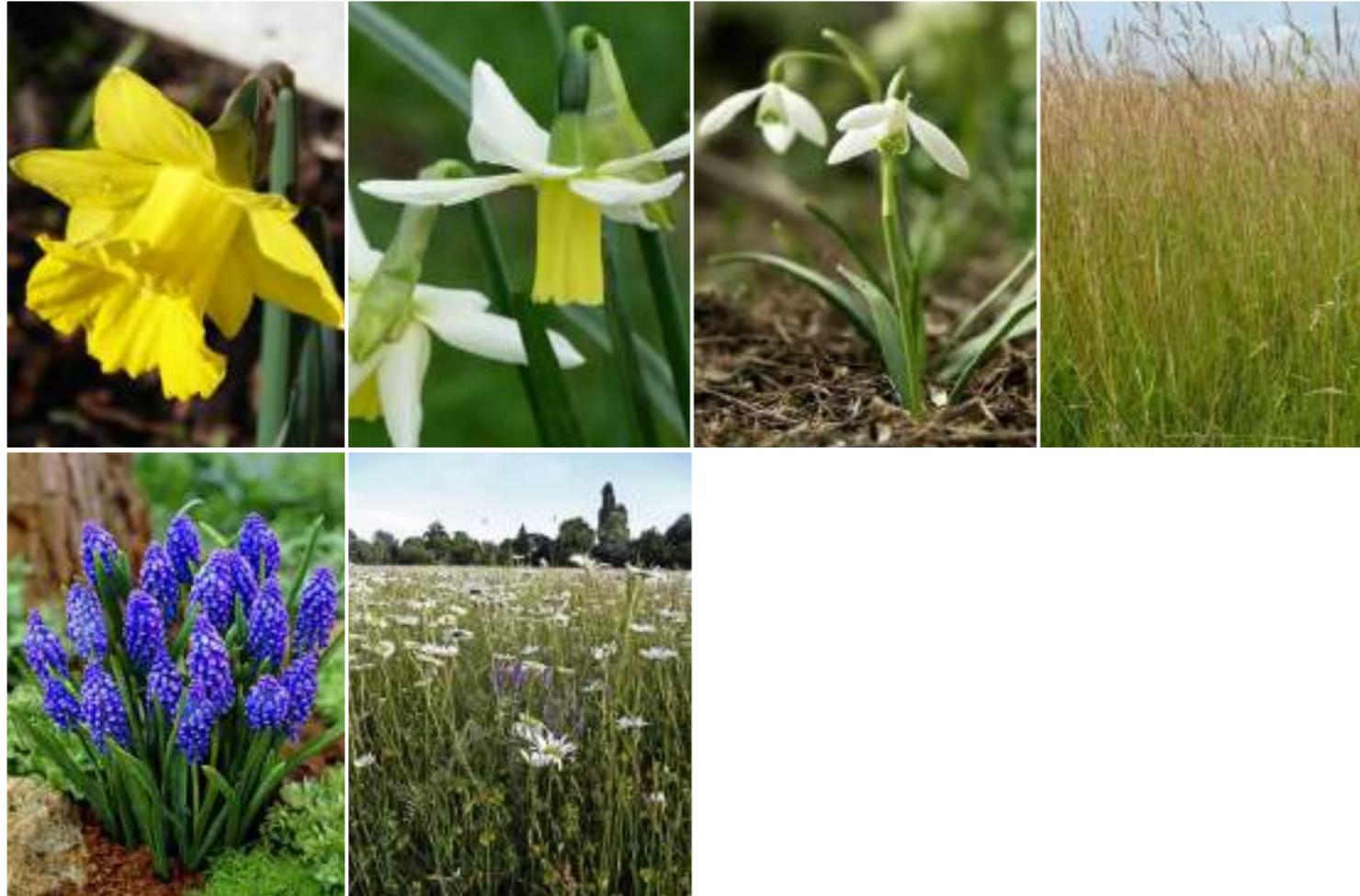


## 6.10 Indicative Planting Palette

### Bulb Planting



#### Indicative Planting

- *Narcissus obvallaris*
- *Narcissus pseudonarcissus*
- *Galanthus nivalis*
- *Muscari armeniacum*

#### Outline Planting Specification

Grade 10/12 bulbs @ 75 bulbs per sqm  
Grass seeding sowing rate 4g/m<sup>2</sup>

#### Indicative Grass Seed Mixes

- General purposes meadow mixture
- Wetland meadow mixture

## 6.10 Indicative Planting Palette

### Grasses, Ferns - within Mixed Planting



#### Indicative Planting

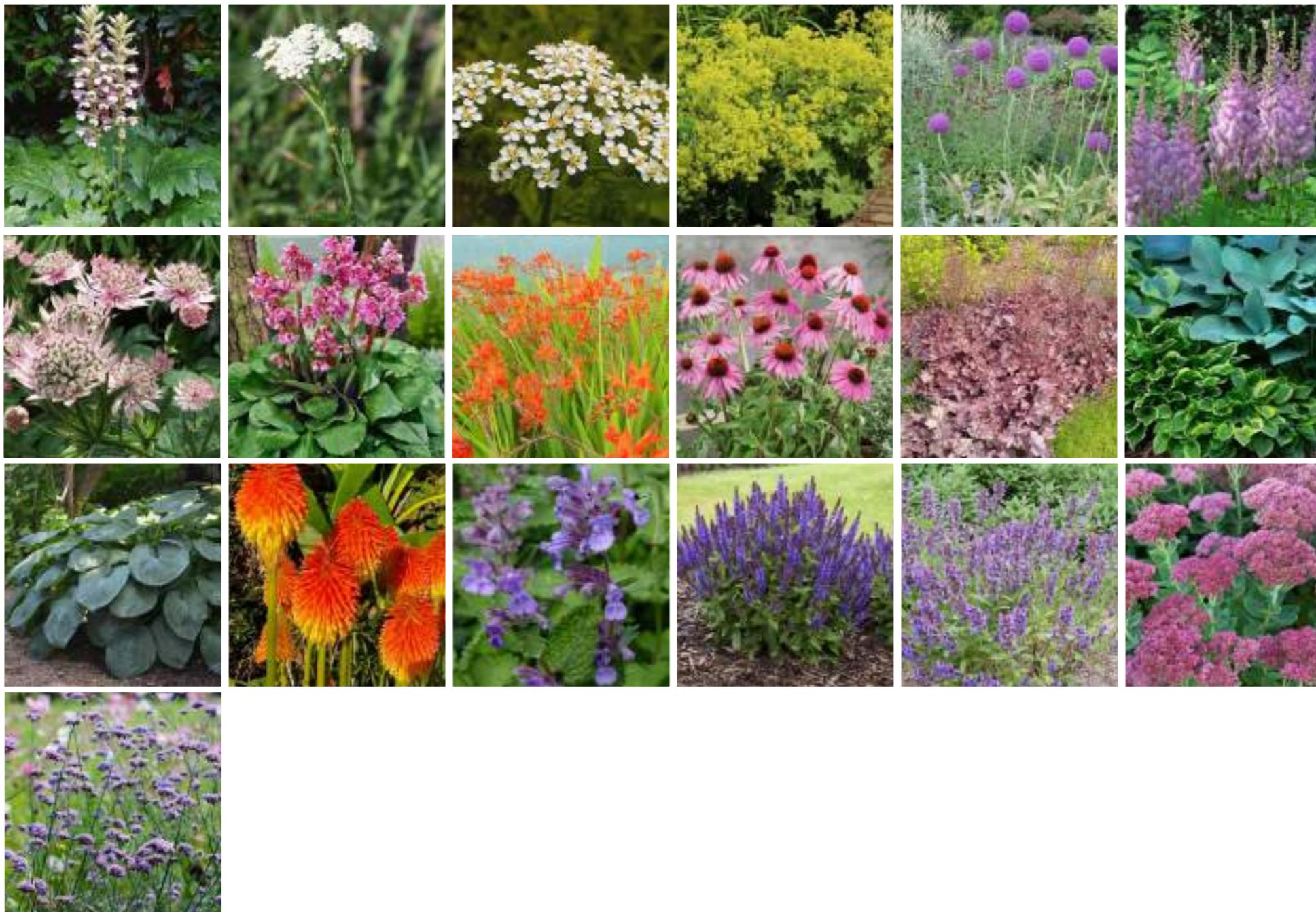
- *Athyrium filix-femina*
- *Avenula pratensis*
- *Blechnum spicant*
- *Carex elata*
- *Carex oshimensis*
- *Deschampsia cespitosa* varieties
- *Dryopteris filix-mas*
- *Festuca glauca*
- *Miscanthus sinensis* varieties
- *Molinia caerulea arundinacea*
- *Pennisetum alopecuroides* varieties
- *Pennisetum orientale*
- *Pennisetum thunbergii*
- *Polystichum setiferum*
- *Stipa arundinacea*
- *Stipa calamagrostis*
- *Stipa gigantea*
- *Stipa tenuissima*

#### Outline Planting Specification

Plant in 3-5 litre containers @ 3-4 plants per sqm

## 6.10 Indicative Planting Palette

### Herbaceous Planting - within Mixed Planting



#### Indicative Planting

- *Acanthus mollis*
- *Achillea*
- *Achillea millefolium*
- *Alchemilla mollis*
- *Allium giganteum*
- *Astilbe*
- *Astrantia major*
- *Bergenia cordifolia* varieties
- *Crocosmia*
- *Echinacea purpurea* varieties
- *Heuchera micrantha*
- *Hosta*
- *Hosta sieboldiana elegans*
- *Kniphofia rooper*
- *Nepeta racemosa*
- *Salvia nemorosa*
- *Salvia officinalis*
- *Sedum*
- *Verbena bonariensis*

---

#### Outline Planting Specification

2-3 litre container planting @ 3-4 per sqm

## 6.10 Indicative Planting Palette

### Native Planting Mix



#### Indicative Planting

- *Cornus sanguinea*
- *Ilex aquifolium* varieties
- *Prunus spinosa*
- *Rosa canina*
- *Sambucus nigra*
- *Viburnum opulus*

#### Outline Planting Specification

Plants in 3 litres containers planted at 1-3 plants per sqm

## 6.10 Indicative Planting Palette

### Native Trees



### Indicative Planting

- *Acer campestre*
- *Alnus glutinosa*
- *Carpinus betulus*
- *Corylus avellana*
- *Malus sylvestris*
- *Pinus sylvestris*
- *Prunus avium*
- *Quercus ilex*
- *Quercus robur*
- *Salix fragilis*
- *Sorbus aucuparia*
- *Tilia cordata*

### Outline Planting Specification

Proposed trees sizes to be a mix of Extra Heavy Standard (Extra Heavy Standard (16-18cm, 18-20cm girth), Semi Mature (20-25cm girth) and Multi Stem varieties all Rootballed.

Trees to be fixed with a combination of above ground double timber tree stakes and below ground tree guying system.

## 6.10 Indicative Planting Palette

### Ornamental Shrubs - Mixed Planting



#### Indicative Planting

- *Buxus sempervirens*
- *Ceanothus thyrsiflorus repens*
- *Cornus alba* varieties
- *Cotinus*
- *Cotoneaster dammeri*
- *Elaeagnus pungens*
- *Elaeagnus x ebbingei*
- *Hebe albicans*
- *Hebe pinguifolia* varieties
- *Hebe x franciscana*
- *Lavandula angustifolia*
- *Lonicera nitida*
- *Lonicera pileata*
- *Magnolia stellata*
- *Magnolia x soulangeana*
- *Pachysandra* varieties
- *Perovskia*
- *Phormium tenax*
- *Photinia x fraseri* with various species
- *Prunus laurocerasus* with various species
- *Salvia x sylvestris*
- *Skimmia* varieties
- *Viburnum davidii*
- *Vinca major*

#### Outline Planting Specification

Plant in 3-5 litre containers @ 3-6 plants per sqm

## 6.10 Indicative Planting Palette

### Ornamental Trees



### Indicative Planting

- *Acer campestre* varieties
- *Acer platanoides*
- *Amelanchier lamarckii*
- *Betula utilis jacquemontii*
- *Carpinus betulus* 'Frans Fontaine'
- *Carpinus betulus* 'Fastigiata'
- *Fagus sylvatica*
- *Liquidamber formosana*
- *Prunus Accolade*
- *Prunus padus*
- *Prunus Spire*
- *Prunus serrula tibetica*
- *Prunus x subhirtella*
- *Quercus robur*
- *Sorbus aria Lutescens*
- *Sorbus aria Majestica*

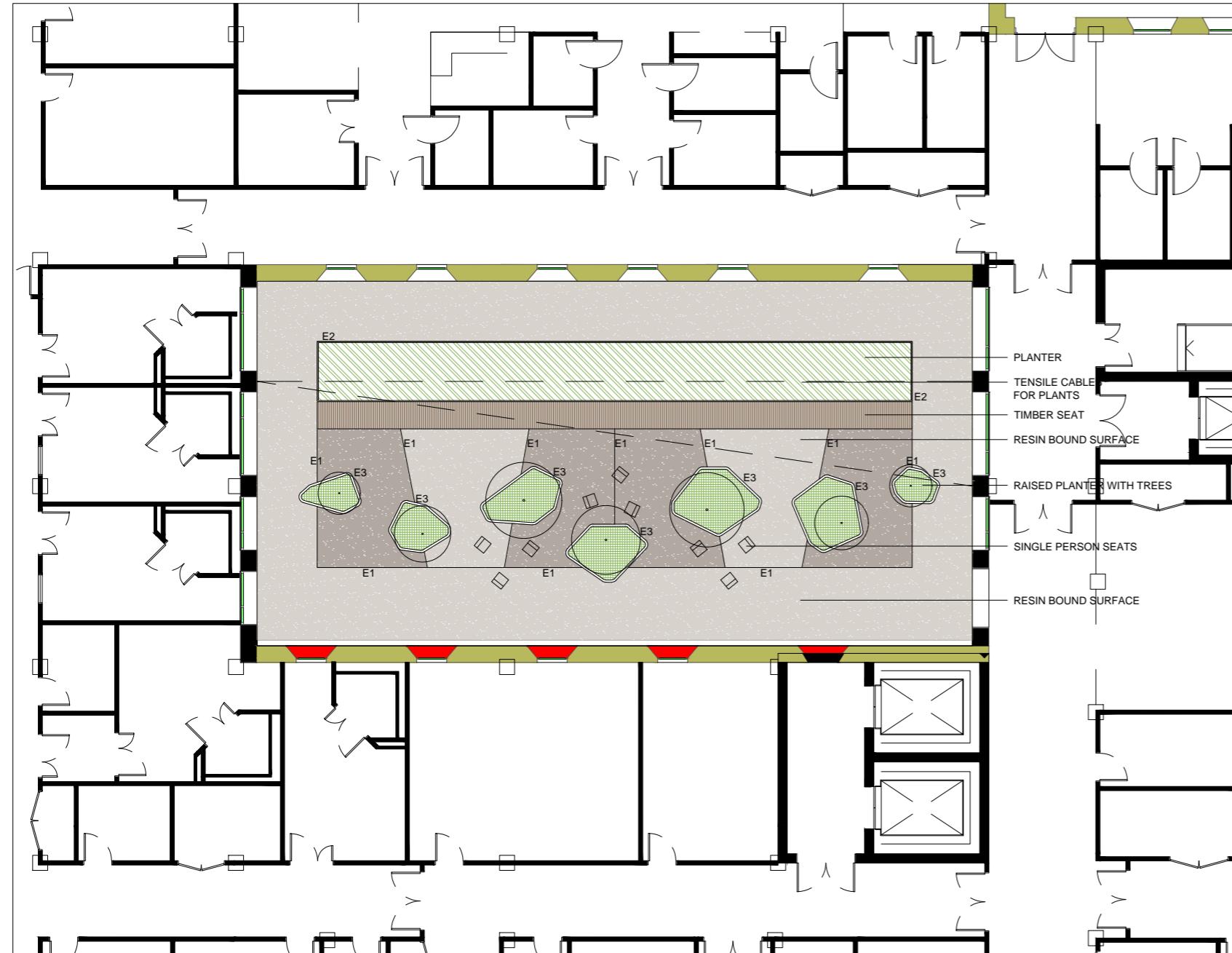
### Outline Planting Specification

Proposed trees sizes to be a mix of Extra Heavy Standard (Extra Heavy Standard (16-18cm, 18-20cm girth), Semi Mature (20-25cm girth) and Multi Stem varieties all Rootballed.

Trees to be fixed with a combination of above ground double timber tree stakes and below ground tree guying system.

Trees in hard paving areas to have an underground tree pit cell system.

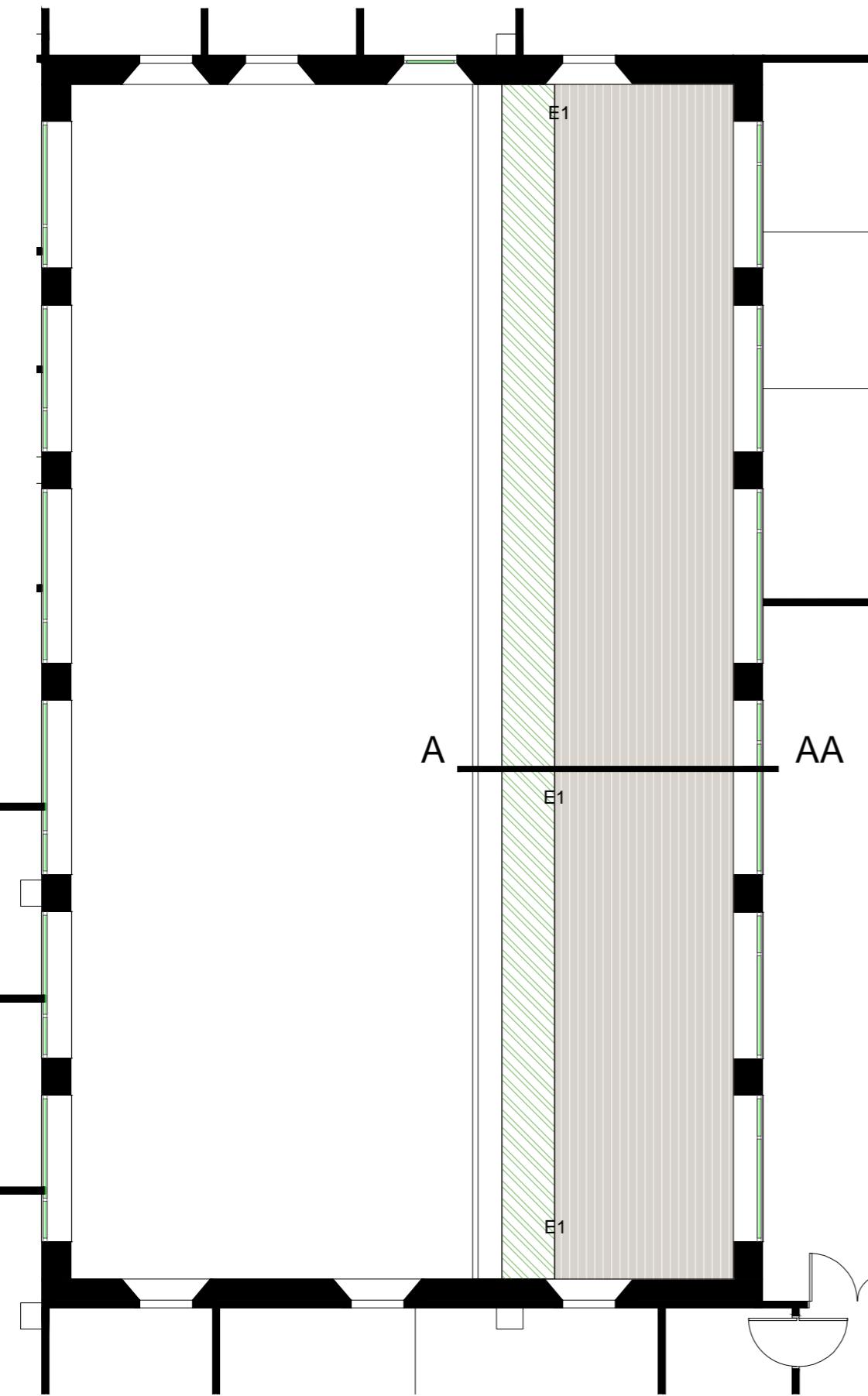
## 6.11 Level 0 Internal Courtyard

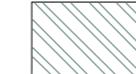


Landscape Design Intent	
<b>Level 00 Internal Courtyard</b>	
<ul style="list-style-type: none"> <li>Tensile cable for climbing plants to create overhead interest</li> <li>Raised metal planters at various heights with shade tolerant tree and shrub planting</li> <li>Mix of linear timber slatted bench and individual seats</li> </ul>	
E1	PROPOSED FLUSH METAL EDGE MATERIAL: ALUMINIUM
E2	PROPOSED RAISED METAL PLANTER 450MM HIGH MATERIAL: STEEL FINISH: POWDER COATED (COLOUR TBC)
E3	PROPOSED RAISED METAL PLANTER 1000MM HIGH MATERIAL: STEEL FINISH: POWDER COATED (COLOUR TBC)
	PROPOSED PERMEABLE RESIN BOUND GRAVEL MATERIAL: 6MM NATURAL AGGREGATE COLOUR: 'WHITE'
	PROPOSED PERMEABLE RESIN BOUND GRAVEL MATERIAL: 6MM NATURAL AGGREGATE COLOUR: 'SILVER GREY'
	PROPOSED BENCH SEATS MATERIAL: TIMBER SLATS
	PROPOSED SEATS MATERIAL: TBC
	PROPOSED AMENITY PLANTING PLANTING TYPOLOGY 3 SEE DAS FOR INDICATIVE SPECIES
	PROPOSED SPECIMEN TREES MIN. 16-18CM GIRTH AT PLANTING UNDERGROUND GUYED BACK TO PLANTER



## 6.12 Level 1 Internal Courtyard



-  PROPOSED FLUSH METAL EDGE  
MATERIAL: ALUMINIUM  
FINISH: AS MANUFACTURED
-  PROPOSED COMPOSITE DECK SYSTEM  
MATERIAL: COMPOSITE  
COLOUR: OAK FINISH
-  PROPOSED AMENITY PLANTING  
PLANTING TYPOLOGY 1  
SEE DAS FOR INDICATIVE SPECIES

## 6.13 Level 2 Terrace External Works



PROPOSED RAISED METAL PLANTER 1000MM HIGH  
MATERIAL: STEEL  
FINISH: POWDER COATED (COLOUR TBC)



PROPOSED PEDESTAL PAVING SYSTEM  
MATERIAL: CONCRETE FLAG 450MM X 450MM X 50MM  
COLOUR: NATURAL



PROPOSED BALLAST ROOF SYSTEM  
SUPPLIER AND PRODUCT TBC



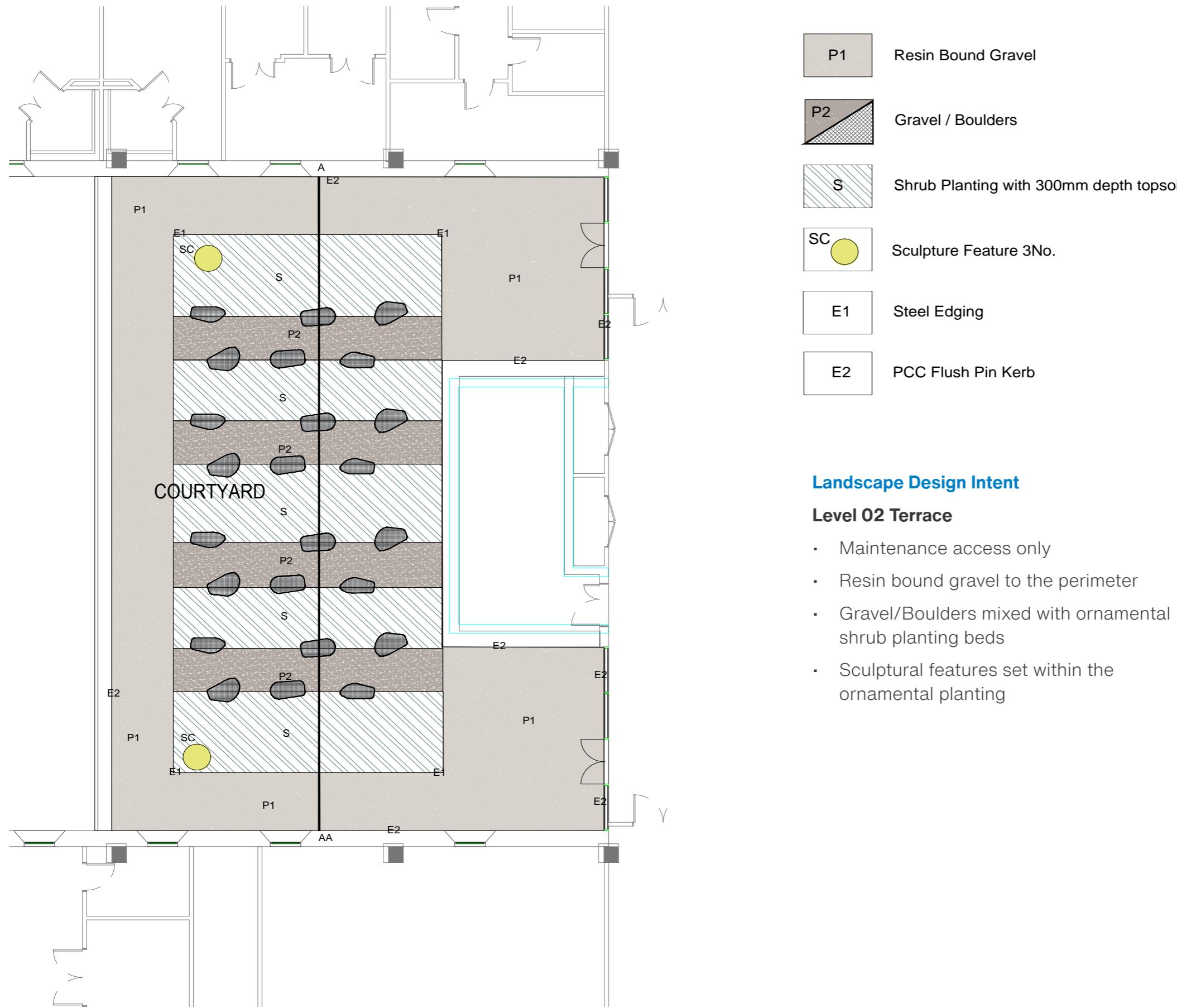
## PROPOSED AMENITY PLANTING PLANTING TYPOLOGY VARIES SEE DAS FOR INDICATIVE SPECIES

## Landscape Design Intent

## Level 02 Terrace

- Maintenance access only
- Raised metal planter to roof perimeter with amenity shrub planting
- Concrete slab paving on pedestal system to perimeter of raised planter for maintenance access

## 6.14 Level 2 Terrace External Works

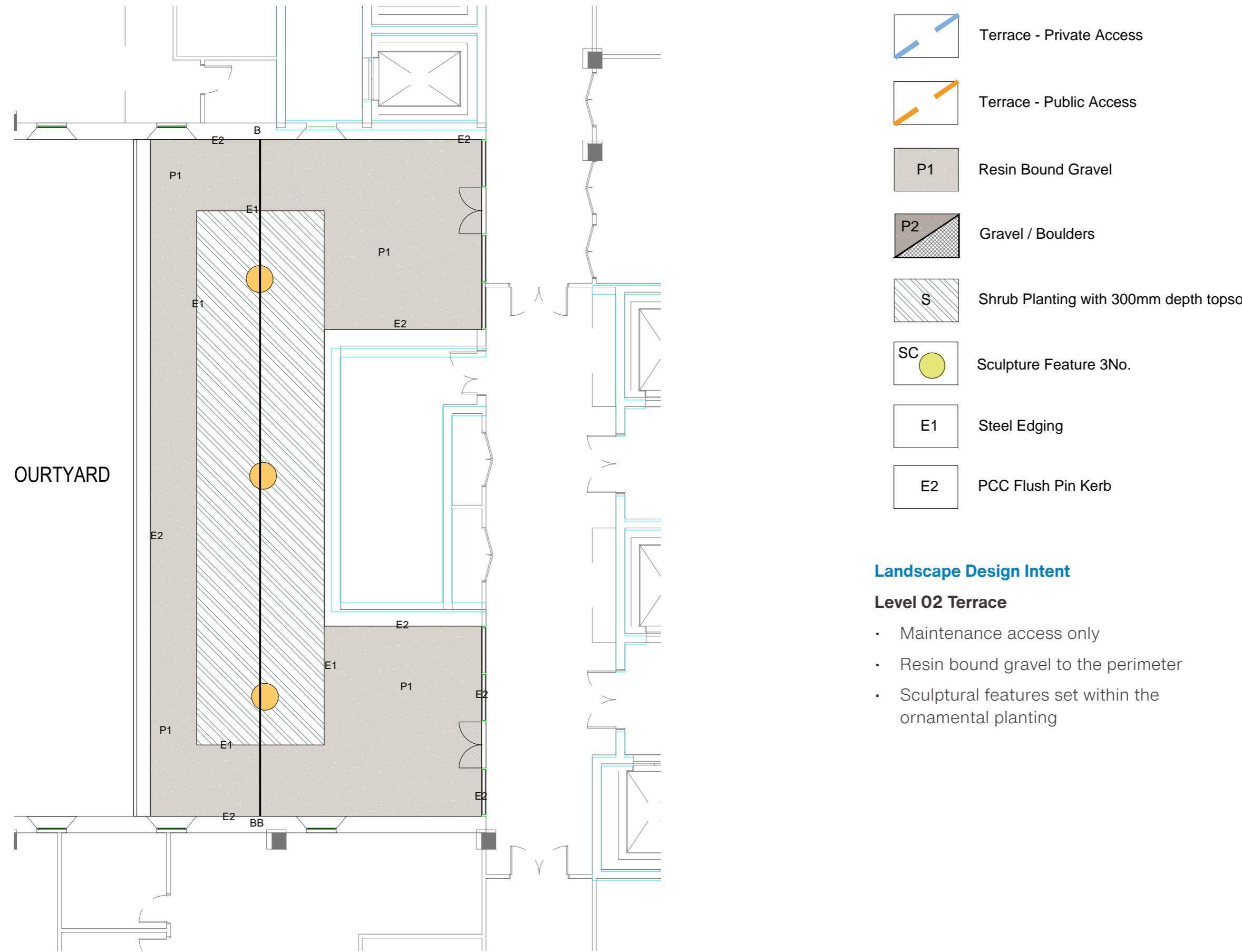


### Landscape Design Intent

#### Level 02 Terrace

- Maintenance access only
- Resin bound gravel to the perimeter
- Gravel/Boulders mixed with ornamental shrub planting beds
- Sculptural features set within the ornamental planting

## 6.15 Level 2 Terrace External Works

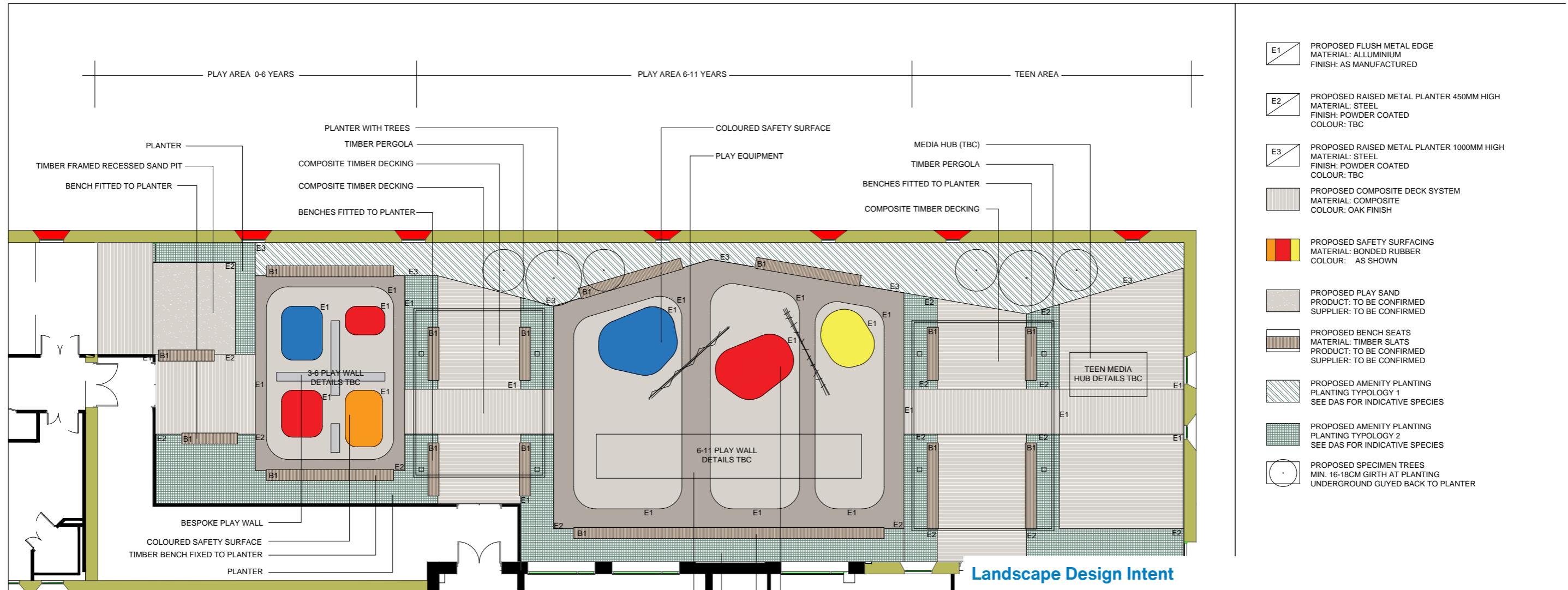


### Landscape Design Intent

#### Level 02 Terrace

- Maintenance access only
- Resin bound gravel to the perimeter
- Sculptural features set within the ornamental planting

## 6.16 Level 3 Terrace External Works



### Landscape Design Intent

#### Level 03 Terrace

- Childrens Play terrace split into 3 age group zones
- 0-6 Years Play Area to include sandpit and decked area. Low swing nets, play tunnels, bespoke play wall, low level climbing play equipment set within rubber safety surfacing
- 6-11 Years Play Area to include bespoke play wall, climbing play equipment, frames, nets, climbing walls, chalkboard, ropes and rings.
- 11 Years + teenage area with bespoke media hub enclosure with power connections for laptops/games consoles, use of large outdoor beanbags and outdoor furniture including sofas and tables within a separate outdoor room enclosed by amenity shrub planting
- 1m high raised metal planter to the north perimeter of the terrace with a mix amenity shrub and specimen trees to provide some enclosure and a relaxing green setting to the separate play zones.



FLUSH ALUMINUM EDGE

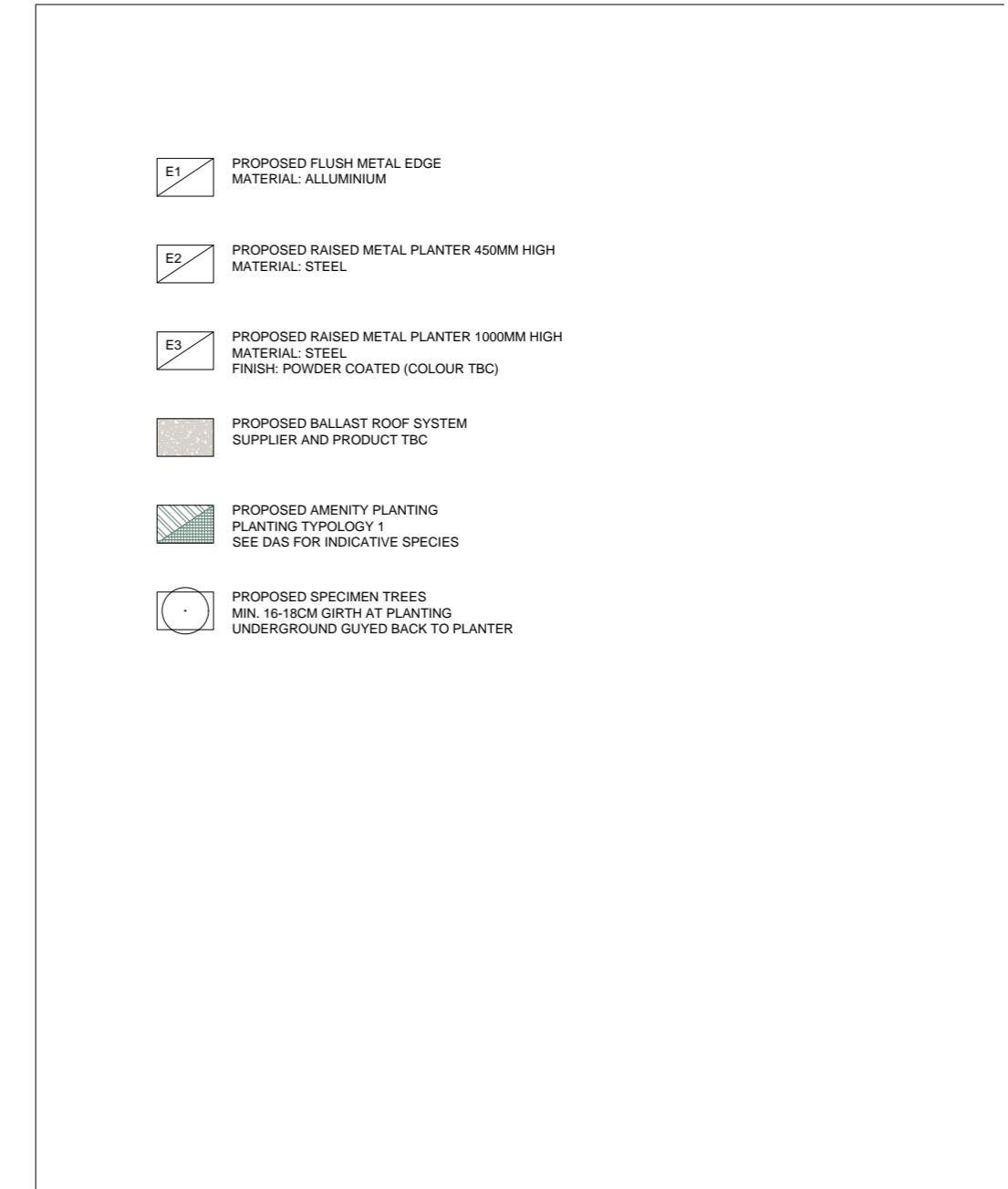
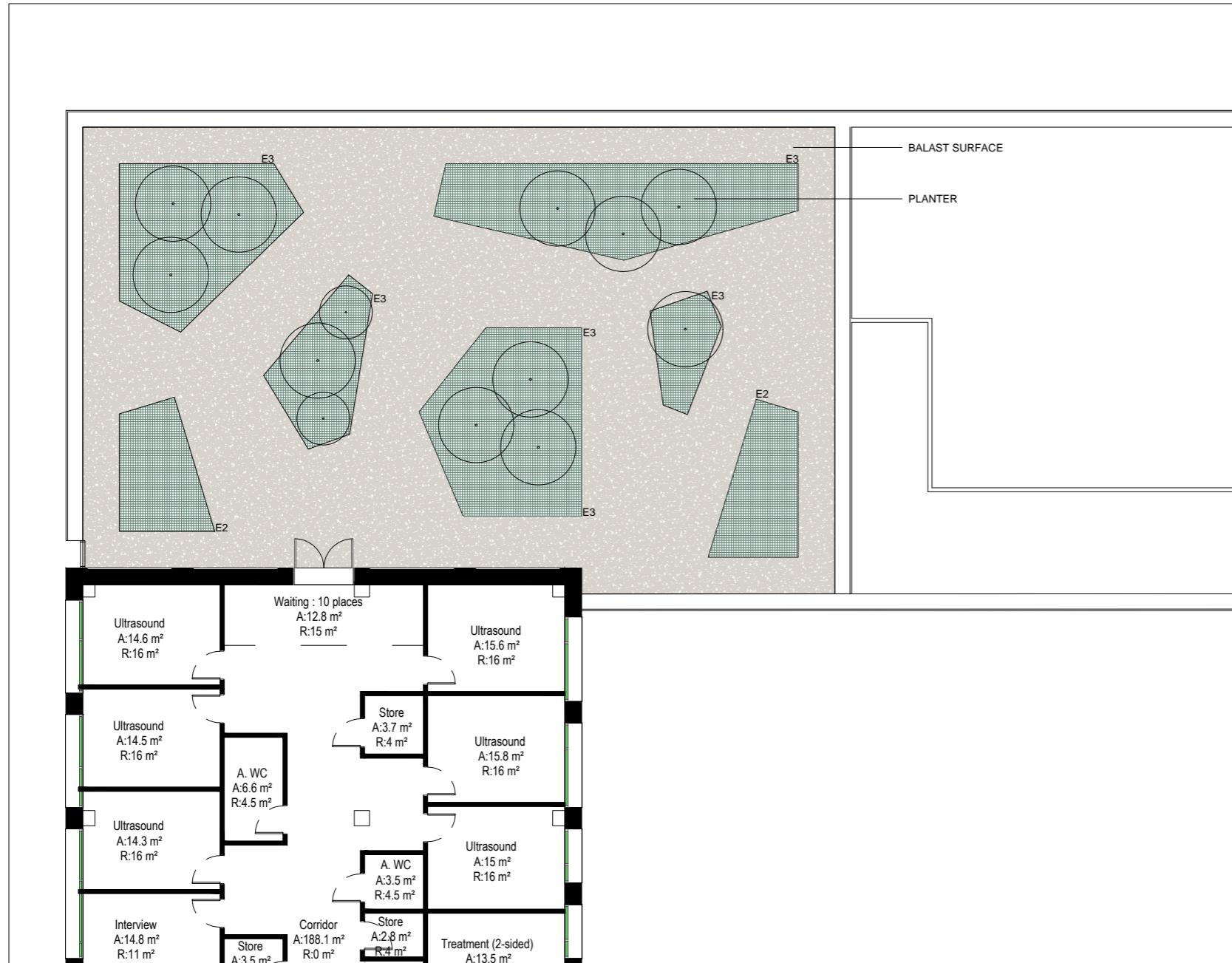


TIMBER BENCH



TIMBER BENCH

## 6.17 Level 4 Terrace External Works

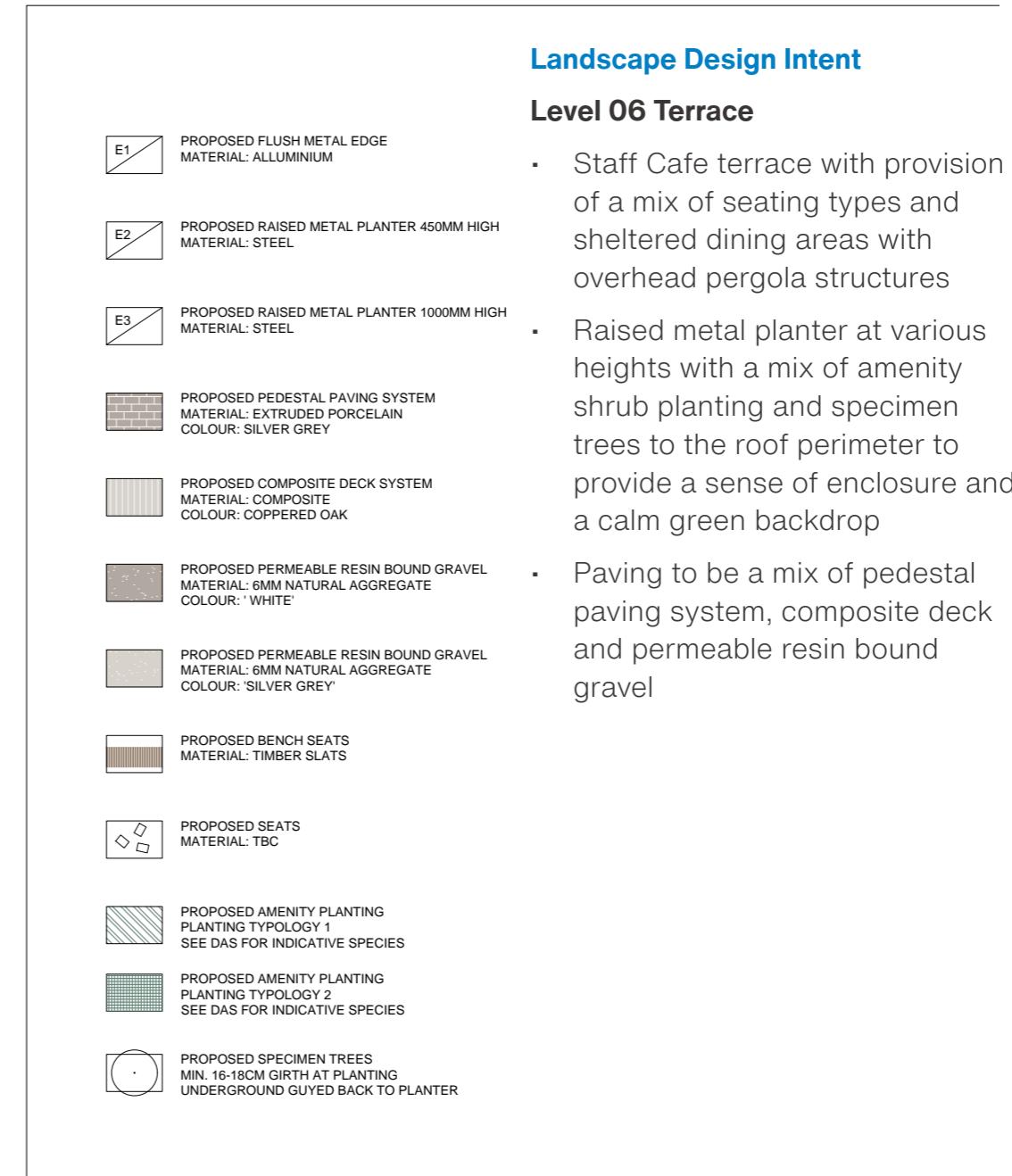
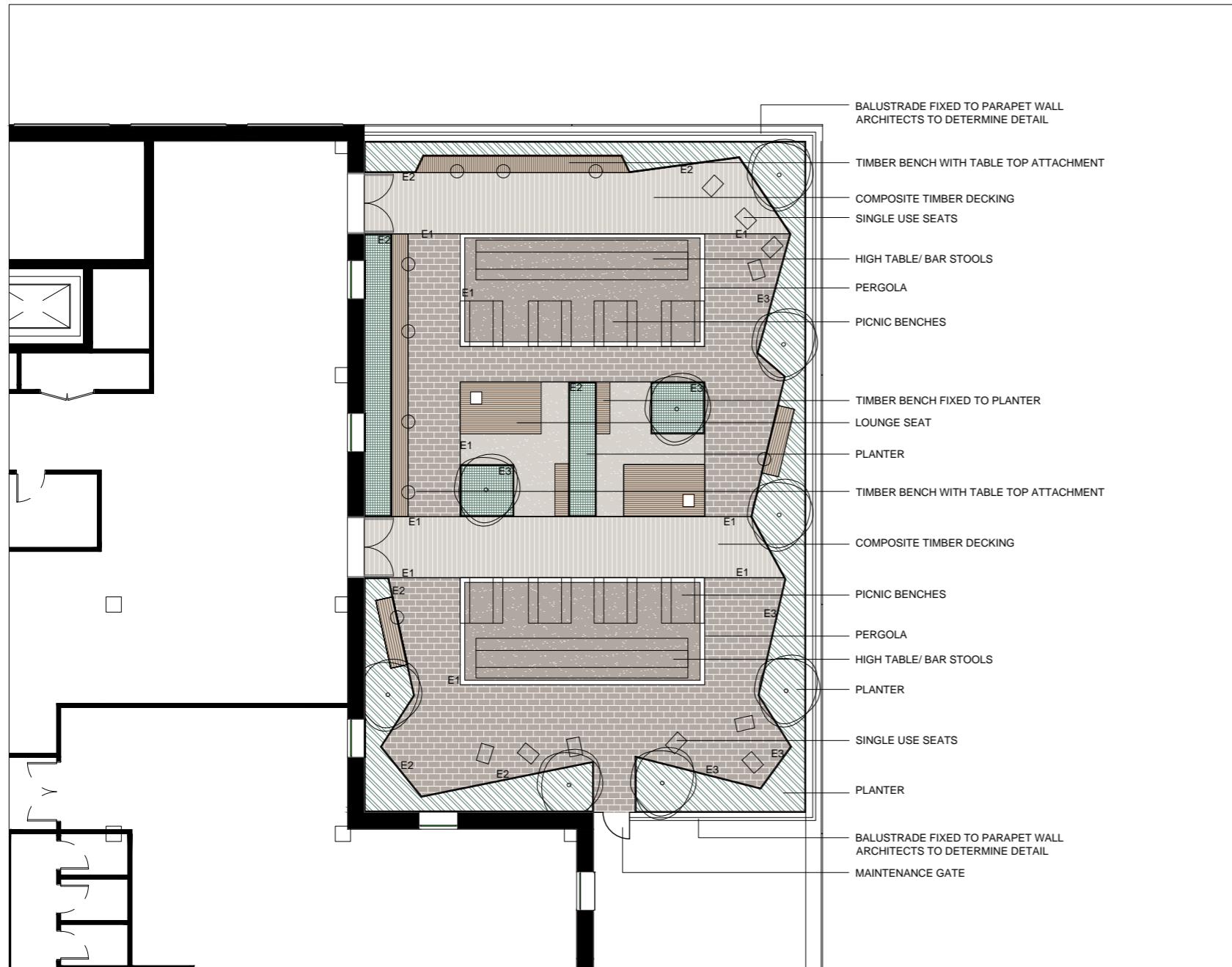


### Landscape Design Intent

#### Level 04 Terrace

- Maintenance access only, visual roof terrace
- Raised metal planter at various heights with a mix of amenity shrub planting and specimen trees
- Ballast roof system for surrounding hard surface areas

## 6.18 Level 6 Terrace External Works



RESIN BOUND GRAVEL



RESIN BOUND GRAVEL



FLUSH ALUMINUM EDGE

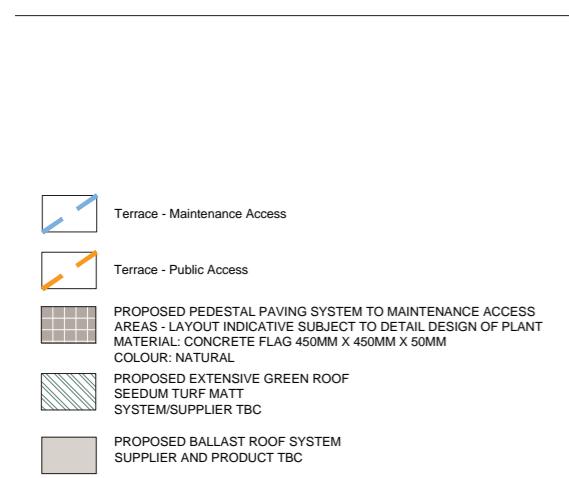
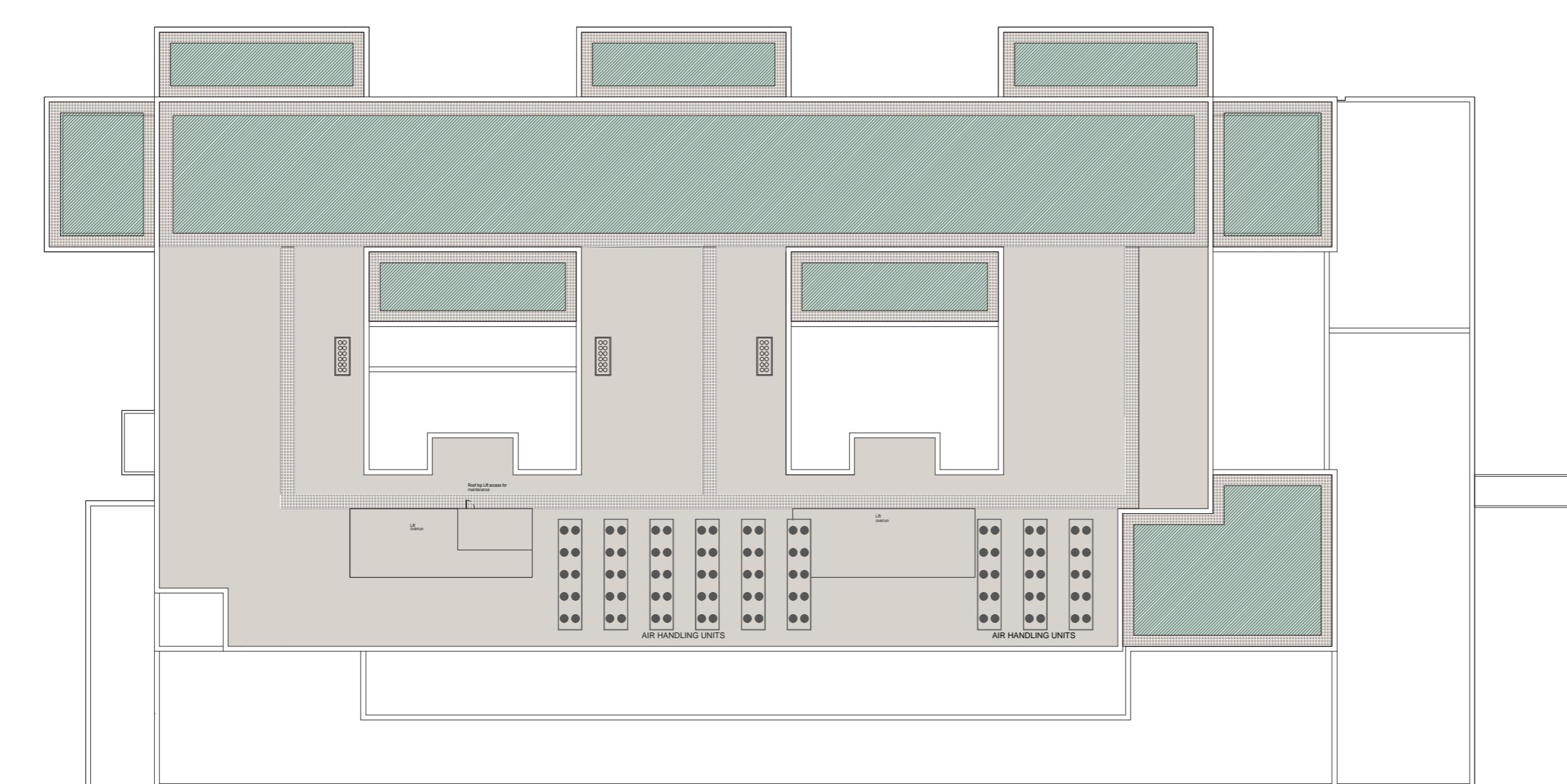


TIMBER BENCH



TIMBER BENCH

## 6.19 Level 8 Terrace External Works

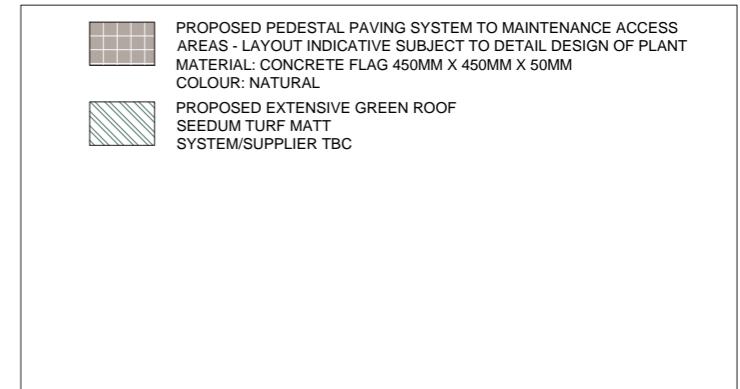
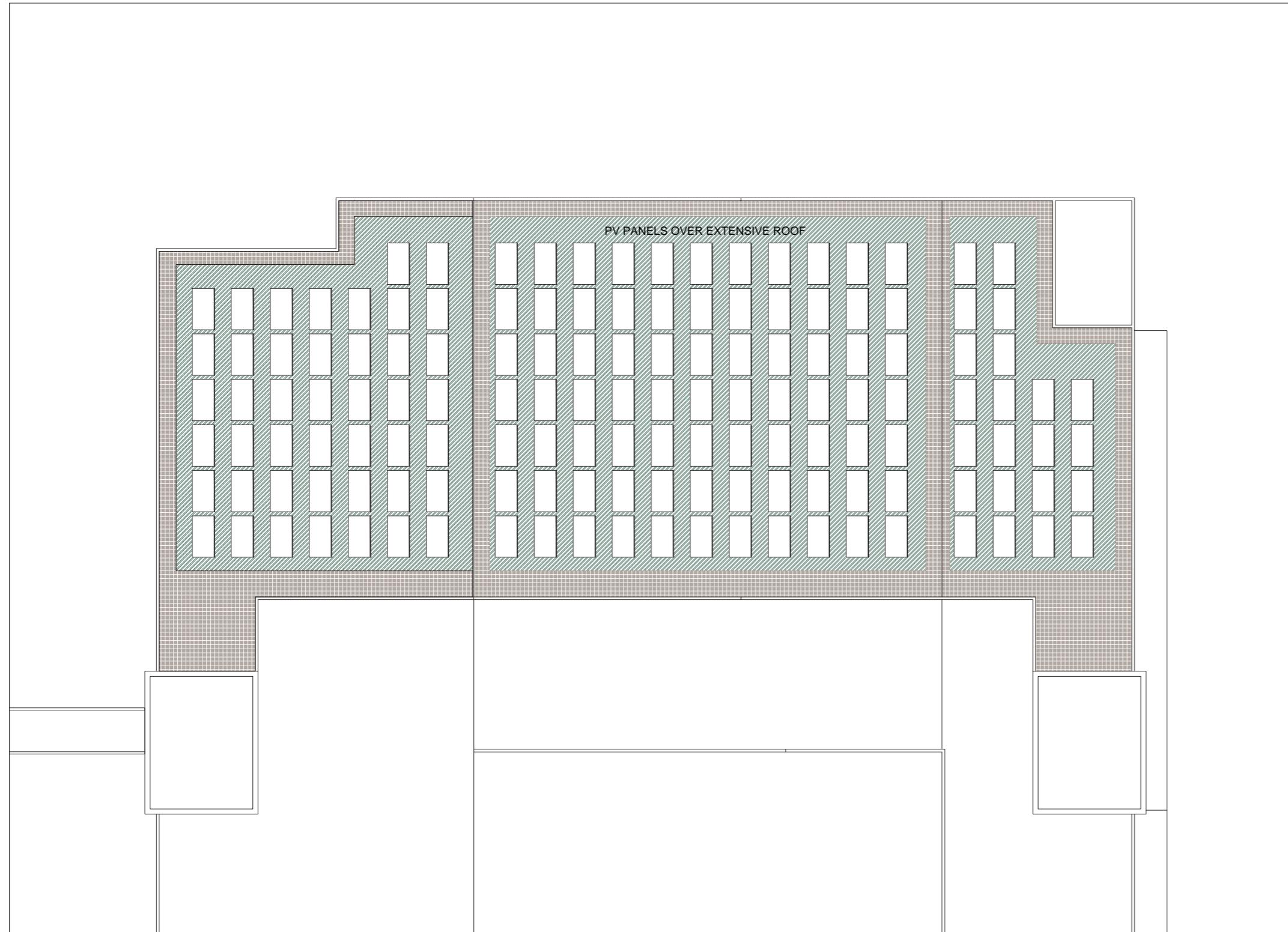


### Landscape Design Intent

#### Level 08 Terrace

- Maintenance access only
- Pedestal paving system to the roof perimeter
- Extensive green roof sedum/turf matt system

## 6.20 MSCP Roof Terrace External Works



### Landscape Design Intent

#### MSCP Terrace

- Maintenance access only
- Pedestal paving system to the roof perimeter
- Extensive green roof sedum/turf matt system below PV Solar Panel

## 6.21 Roof Terrace Planting Typologies



## PLANTING TYPOLOGY 1



## PLANTING TYPOLOGY 2



### PLANTING TYPOLOGY 3

<b>TREES</b>	<i>Rhamnus alaternus</i> <i>Celtis australis</i> <i>Carpinus betulus</i> <i>Cornus fruticosa</i> <i>Fraxinus x 'Shirotae'</i> <i>Pyrus calleryana</i> <i>Syringa Henryi</i>
<b>TYPOLOGY</b>	
<b>GRASSES</b>	<i>Acetosella lusitanica</i> (pinkish tall grass) <i>Dactylis glomerata</i> 'Goldgras' <i>Geum urbanum</i> 'Goldene' <i>Colchicum autumnale</i> <i>Coumo inexpectata</i> 'Karl Foerster' <i>Carex sylvatica</i> 'Frosted Tuft' <i>Thlaspi arvense</i> <i>Molinia caerulea</i> 'Straminea' <i>Phragmites australis</i> <i>Agrostis capillaris</i> var. <i>versicolor</i> 'Cavendish' <i>Miscanthus sacchariflorus</i> 'Silber (Chinese silver grass) <i>Panicum virgatum</i> 'Mystic Snow' <i>Sisyrinchium campestre</i> <i>Pennisetum advena</i> 'Rubrum'
<b>PLANTS</b>	<i>Ajuga reptans</i> (Blue, Bees) <i>Acetosella mildei</i> 'Tetra Duran' <i>Achillea millefolium</i> 'Lilac Beauty' <i>Achillea millefolium</i> 'Love Parade' <i>Ageratum 'Blackadder'</i> <i>Ageratum 'Blue Fortune'</i> <i>Aquilegia formosa</i> (Katz Eyes) <i>Anemone hupehensis</i> <i>Aster ageratoides</i> (Aster) <i>Bistorta major</i> <i>Camassia esculenta</i> <i>Centranthus ruber</i> 'Albus' (Informed People) <i>Dianthus barbatus</i> <i>Dianthus barbatus</i> 'Barbatus' <i>Erigeron purpureus</i> 'Giant Twister' <i>Hemerocallis 'Desmond Rio Sei'</i> <i>Lilium martagon</i> <i>Monarda 'Scooter'</i> (Be Balm) <i>Monard</i> <i>Penstemon 'Psyche Blue'</i> <i>Penstemon digitalis</i> 'Little Baker' <i>Penstemon angustifolius</i> <i>Penstemon amplexicaulis</i> 'October Frost' <i>Penstemon barbatus</i> 'Superstar' <i>Phlox paniculata</i> 'Blue Boy' <i>Phlox paniculata</i> 'Wheatear' <i>Salvia 'Tingo Blue'</i> <i>Salvia cyanea</i> 'Dovewing' <i>Sanguisorba 'Blackthorn'</i> <i>Sanguisorba 'Red Admirer'</i> (Red Queen) <i>Sanguisorba 'Tiramisu'</i> <i>Sanguisorba tenuifolia</i> var. <i>alba</i> <i>Saxifrage spathularifolia</i> 'Purplegem' <i>Sedum acre</i> <i>Sedum 'Sedona'</i> <i>Stachys macrantha</i> 'Hameln' <i>Sempervivum wulfenii</i> 'Apple' <i>Phormium tenax</i> 'Jerusalem sage' <i>Verbena bonariensis</i> <i>Veronicastrum virginicum</i> <i>Veronicastrum virginicum</i> 'Capit' <i>Veronicastrum virginicum</i> 'Fire Glow'

TYPE LOG 2
<i>Crinodendron hookerianum</i>
<i>Grevillea 'Hobart'</i>
<i>Hakea salicifolia</i>
<i>Hebe 'Dove's White'</i>
<i>Hebe 'Gullane'</i>
<i>Hebe 'Jelka Yester'</i>
<i>Hebe 'crenata'</i>
<i>Pachystachys terminalis</i>
<i>Phlox paniculata 'Gold Star'</i>
<i>Prunus 'Isle of Capri'</i>
TYPE LOG 3
<i>Adiantum aleuticum 'Subarcticum'</i>
<i>Asplenium nidus 'Variegatum'</i>
<i>Athyrium filix-femina 'subula rubrum' 'Lady in Red'</i>
<i>Athyrium filix-femina 'Variegatum'</i>
<i>Blechnum spicant 'Variegatum'</i>
<i>Bryophyllum pinnatum</i>
<i>Brugmansia 'Félicité'</i>
<i>Calathea 'Peruviana'</i>
<i>Microsorium scolopendria</i>
<i>Polygalaceae 'Variegata'</i>
<i>Senecio 'Futura' var. 'White Fantasy' 'White Fantasy'</i>
RULES
<i>Soliva satureioides</i>
<i>Crinodendron hookerianum</i>
<i>Crocosmia 'Tresor'</i>
<i>Cyclamen hederifolium 'Variegatum'</i>
<i>Microseris latifolia</i>
<i>Pericallis 'Thalia'</i>

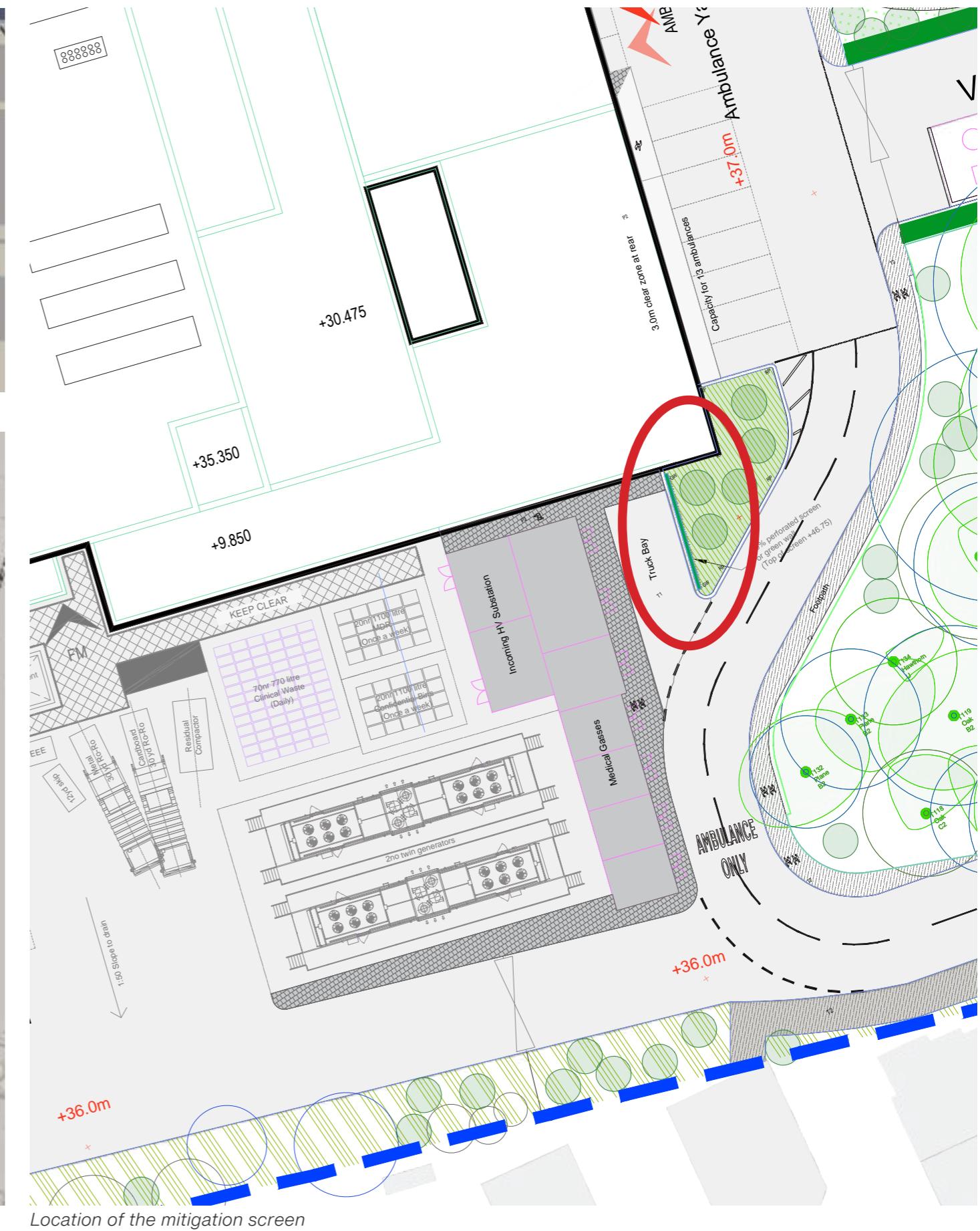
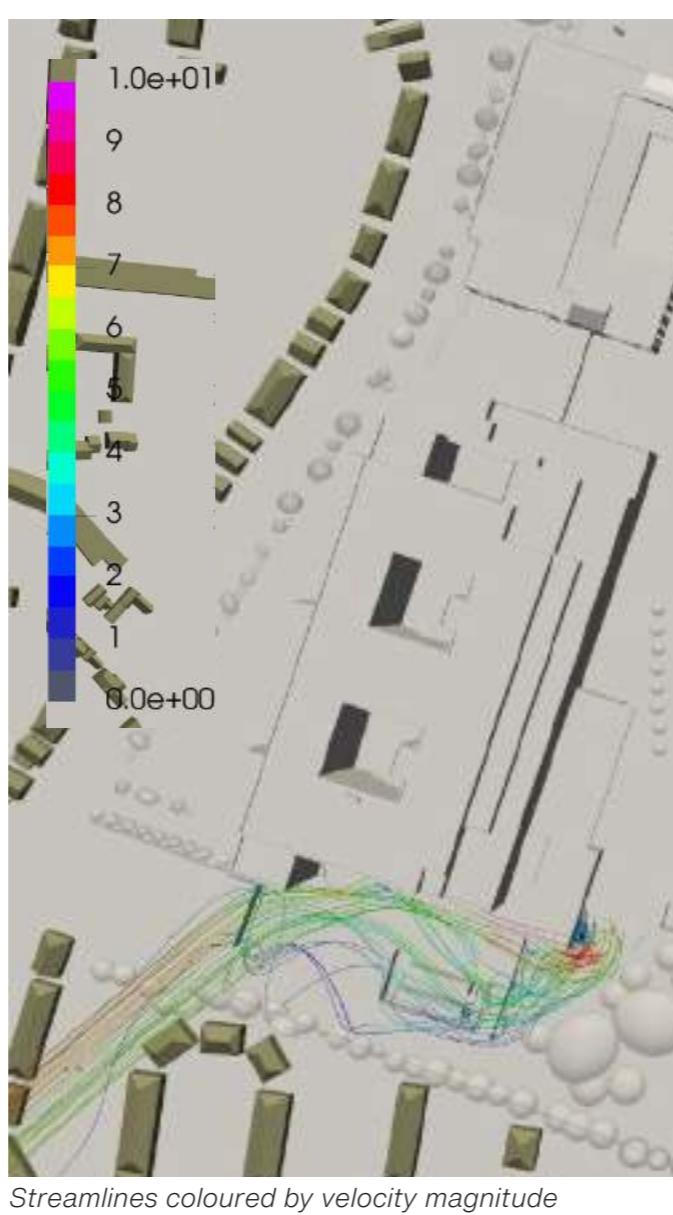
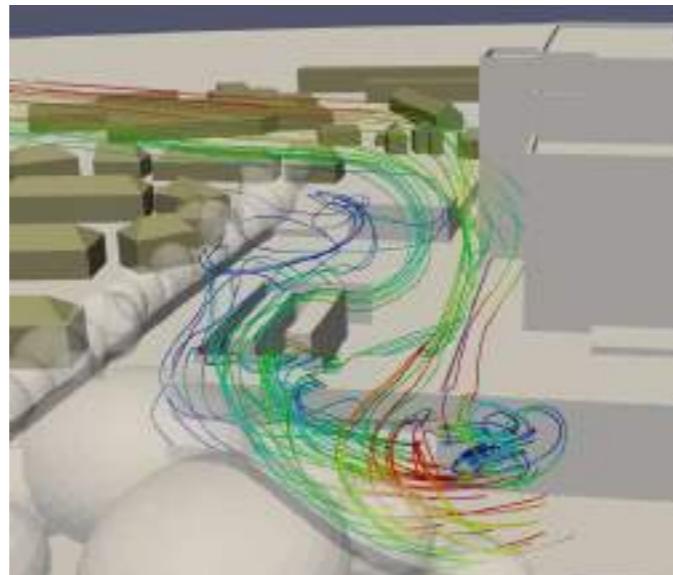
## 6.22 Living Green Wall

### Mitigation Screen

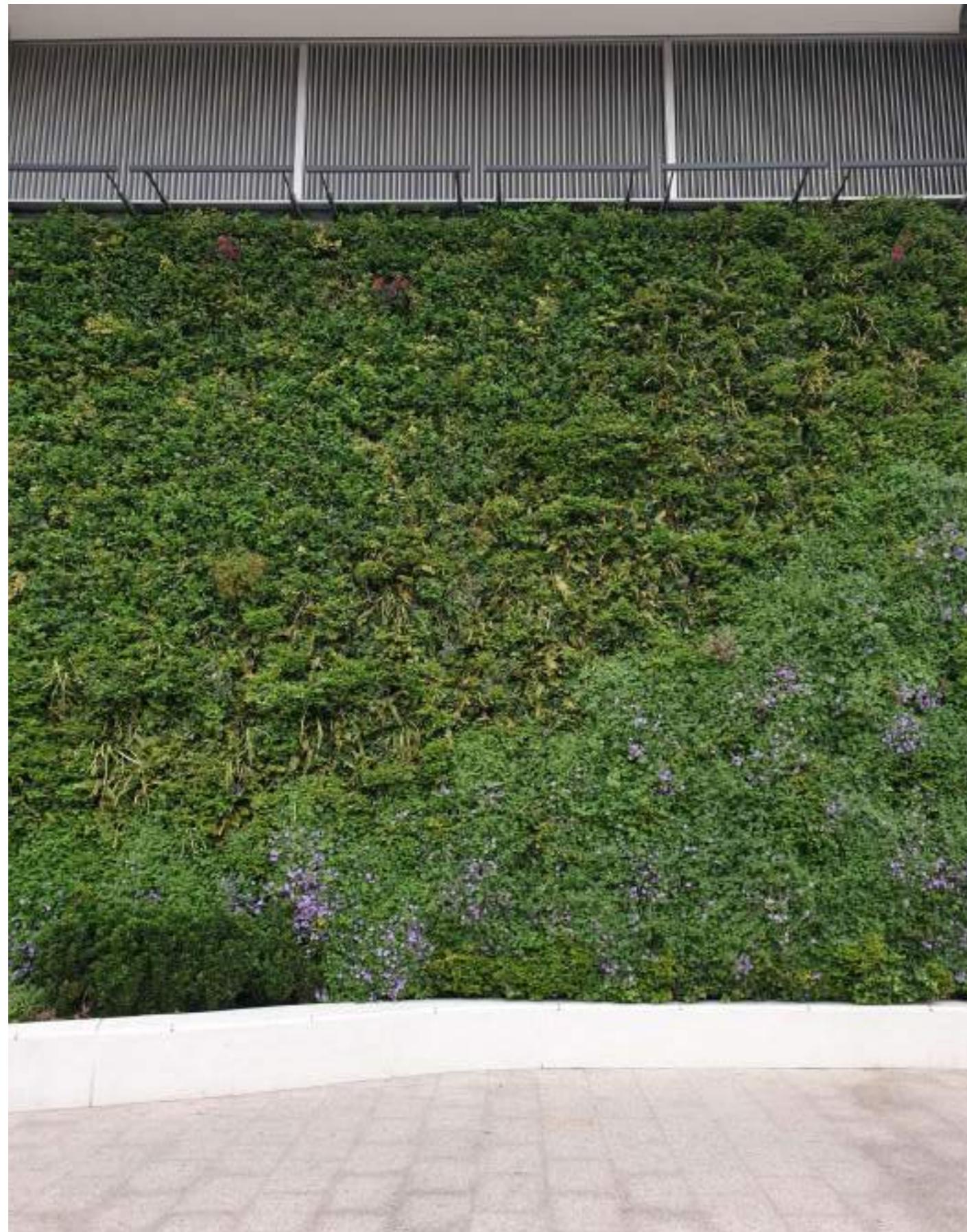
A living green screen has been introduced in the south-eastern corner of the building adjacent the ambulance yard to avoid areas of distress due to the downwash effect of the wind hitting the south facade of the proposed hospital.

The size of this screen is 10.2 by 9.1 metres (W x H) and will have a degree of perforation of circa 50% which can be achieved by the use of a tray systems where plants are pre-grown off-site and inserted into the wall/screen. This allows for a great degree of design flexibility, especially since trays can be easily removed and replaced.

The screen, beside absolving its primary function, avoids direct views of the service yard, waste yard, medical gases houses and generators compound complementing at the same time the woodland park to the east



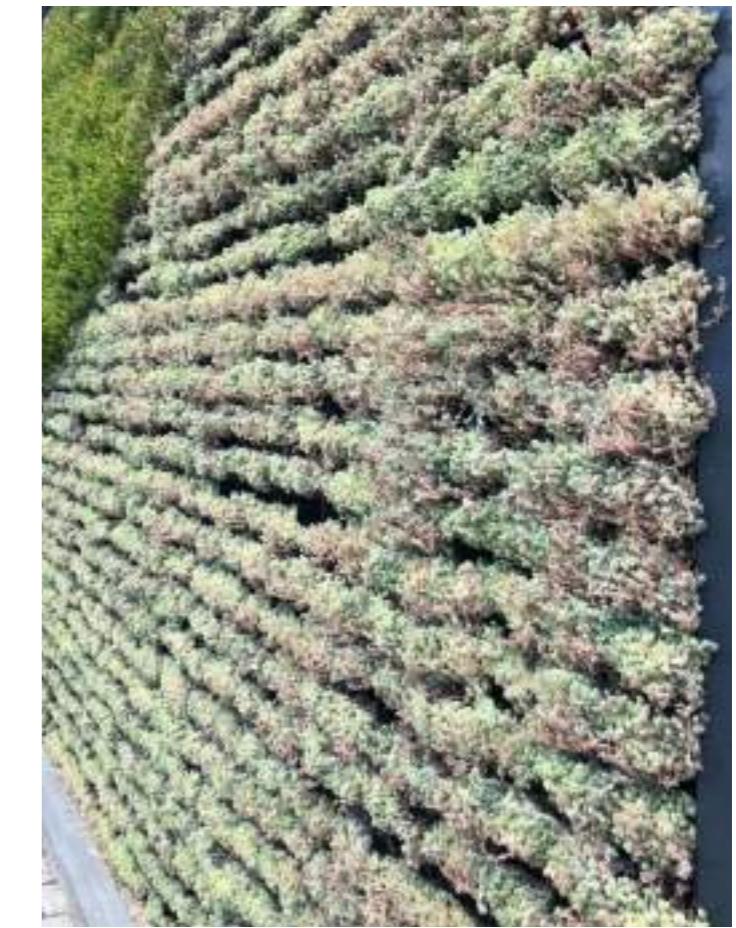
## 6.22 Living Green Wall



Example of a big sized green wall



Example of modular system



Example of modular system

IBI