

Car Park



Site Plan - sc. 1:5000

SOFT LANDSCAPE

Proposed Tree Planting

T1 *Acer campestre* 'Erythra'
 T3 *Carpinus betulus* 'Fastigiata'
 T5 *Fagus sylvatica* 'Dawyck' 16-18cm
 T7 *Quercus robur* 'Koster'
 T9 *Amelanchier lamarckii*

T2 *Pyrus calleryana* 'Chanticleer'
 T4 *Tilia cordata* 'Greenspire'[®]
 T6 *Betula pendula*
 T8 *Prunus avium*[®]

Multistemmed Trees 12-14cm

T10 *Prunus avium* 'Plena'
 T12 *Betula pendula* 'Multi-stem'

G1 Amenity Grass
 300mm min. Topsoil depth

G2 Amenity Grass - Rear Gardens
 300mm topsoil depth

Attenuation Areas

S1 - Shrub Planting: Edging Buffer
 450mm topsoil depth
 Species List
Agapanthus 'Blue Umbrella', *Armeria maritima* 'Splendens', *Bergenia cordifolia*, *Lavandula angustifolia* 'Vera', *Perovskia* 'Blue Spire', *Schizostylis coccinea* 'Sunrise'

S2 - Shrub Planting
 450mm topsoil depth
 Species List
Agapanthus africanus, *Allium ursinum*, 'Eryngium' 'Bowles' Mauve', *Libertia grandiflora*, *Kniphofia* 'Royal Standard', *Tulbaghia violacea*

S3 - Tree Pit Shrub Planting
 Species List
Persicaria affinis, *Astilbe*, *Irish siberica*, *Helleborus*, *Kniphofia* Red Hot Poker, *Carex pendula*

S4 - Swale / Aquatic Planting
 Species List
Iris pseudacorus, *Caltha palustris*, *Alisma plantago-aquatica*, *Lychnis flo-cuculi*, *Myosotis scorpioides*, *Veronica beccabunga*, *Menyanthes trifoliata*

H1 - Native Hedgerow
 450mm topsoil depth / 100cm Double Staggered Row
 Species List
Craetagus monogyna, *Prunus spinosa*, *Ilex aquifolium*, *Rosa canina*, *Viburnum opulus*

H2 - Structural Hedgerow
 450mm topsoil depth / 100cm Single Row
 Species List
Prunus lusitanica

HARD LANDSCAPE

Beige Tarmac

Feature Paving - Unit Entrance (to Engineer's Specification)

Feature Paving - Public Open Space (Engineer's Specification)

Parking - Permeable Paving

Concrete Footpath (to Engineer's Specification)

Bicycle Path - Coloured Tarmac

LANDSCAPE FURNITURE / FEATURES

Benches

Found Play Elements
 Natural Play Elements - mounding, stepping stones, balance logs, vertical logs, Climbing Rocks as agreed prior to taking in charge

Structured Play Elements
 Multi-age play Elements

Bicycle Parking

Bird/Bat Boxes

BOUNDARY TREATMENT

Feature Stone Wall (2m high) or similar approved

Parkland Metal Railing (1.2m high) (3 Bar Powder Coated Black) or similar approved.

Fair Faced Block Wall with Concrete Capping (2m high) or similar approved

Residential Boundary Fence (1.8m high) Timber panel & concrete post fence or similar approved

Dash Block Wall with Brick Piers (2m high) or similar approved

HARDSCAPE / KERBS

KERB TREATMENT (Dropped Flush)
 TerraKerb (Reconstituted Natural Granite) 900x255x203mm or Similar Approved.

Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin

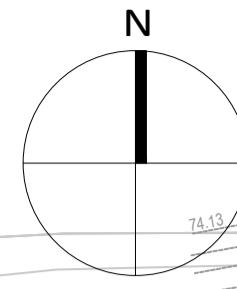
REV	DATE	BY	CHECKED	DESCRIPTION
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	08/12/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning

Client: South Dublin County Council Dwg No. 1
 Drawing Title: Landscape Masterplan Scale: 1:500
 Job No. 1799 Date: 15/11/2023



Ronan MacDiarmada + Associates Ltd.
 Landscape Architects and Consultants.

5 Tootenhill, Rathcoole, Co. Dublin
 tel: +353 1 412 4476 mob: 086 26 25 438
 fax: +353 1 401 3748 e-mail: ronan@rmda.ie



SOFT LANDSCAPE	
Proposed Tree Planting	
T1 <i>Acer campestre</i> 'Elsrijk'	T2 <i>Pyrus calleryana</i> 'Chanticleer'
T3 <i>Carpinus betulus</i> 'Fastigiata'	T4 <i>Tilia cordata</i> 'Greenspire'
T5 <i>Fagus sylvatica</i> 'Dewyck' 16-18cm	T6 <i>Betula pendula</i>
T7 <i>Quercus robur</i> 'Koster'	T8 <i>Prunus avium</i> ^
T9 <i>Amelanchier lamarckii</i>	
Multistemmed Trees 12-14cm	
T10 <i>Prunus avium</i> 'Plena'	T11 <i>Malus</i> 'John Downie'
T12 <i>Betula pendula</i> 'Multi-stem'	
G1 Amenity Grass 300mm min. Topsoil depth	
G2 Amenity Grass - Rear Gardens 300mm topsoil depth	
Attenuation Areas	
S1 - Shrub Planting: Edging Buffer 450mm topsoil depth Species List <i>Agapanthus</i> 'Blue Umbrella', <i>Armeria maritima</i> 'Splendens', <i>Bergenia corifolia</i> , <i>Lavandula angustifolia</i> 'Vera', <i>Perovskia</i> 'Blue Spire', <i>Schizostylis coccinea</i> 'Sunrise'	
S2 - Shrub Planting 450mm topsoil depth Species List <i>Agapanthus africanus</i> , <i>Allium ursinum</i> , 'Eryngium' 'Bowles' Mauve', <i>Libertia grandiflora</i> , <i>Kniphofia</i> 'Royal Standard', <i>Tulbaghia violacea</i>	
S3 - Tree Pit Shrub Planting Species List <i>Persicaria affinis</i> , <i>Astible</i> , <i>Ins siberica</i> , <i>Helleborus</i> , <i>Kniphofia</i> Red Hot Poker, <i>Carex pendula</i>	
S4 - Swale / Aquatic Planting Species List <i>Iris pseudacorus</i> , <i>Caltha palustris</i> , <i>Alisma plantago-aquatica</i> , <i>Lychnis flo-cuculi</i> , <i>Myosotis scorpioides</i> , <i>Veronica beccabunga</i> , <i>Menyanthes trifoliata</i>	
H1 - Native Hedgerow 450mm topsoil depth / 100cm Double Staggered Row Species List <i>Craetagus monogyna</i> , <i>Prunus spinosa</i> , <i>Ilex aquifolium</i> , <i>Rosa canina</i> , <i>Viburnum opulus</i>	
H2 - Structural Hedgerow 450mm topsoil depth / 100cm Single Row Species List <i>Prunus lusitanica</i>	

HARD LANDSCAPE	
	Beige Tarmac
	Feature Paving - Unit Entrance (to Engineer's Specification)
	Feature Paving - Public Open Space (Engineer's Specification)
	Parking - Permeable Paving
	Concrete Footpath (to Engineer's Specification)
	Bicycle Path - Coloured Tarmac
LANDSCAPE FURNITURE / FEATURES	
	Benches
	Found Play Elements Natural Play Elements - mounding, stepping stones, balance logs, vertical logs, Climbing Rocks as agreed prior to taking in charge
	Structured Play Elements Multi-age play Elements
	Bicycle Parking
	Bird/Bat Boxes

BOUNDARY TREATMENT	
	Feature Stone Wall (2m high) or similar approved
	Parkland Metal Railing (1.2m high) (3 Bar Powder Coated Black) or similar approved.
	Fair Faced Block Wall with Concrete Capping (2m high) or similar approved
	Residential Boundary Fence (1.8m high) Timber panel & concrete post fence or similar approved
	Dash Block Wall with Brick Piers (2m high) or similar approved
HARDSCAPE / KERBS	
	KERB TREATMENT (Dropped Flush) TerraKerb (Reconstituted Natural Granite) 900x255x203mm or Similar Approved.

Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin				
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning
REV	DATE	BY	CHECKED	DESCRIPTION

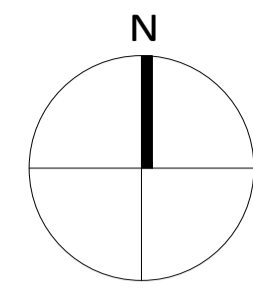
Client:	South Dublin County Council	Dwg No.1.1
Drawing Title:	Combined Landscape & Tree Survey Plan	Scale 1:500
Job No.	1799	Date 08/12/2023

RMDA
LANDSCAPE ARCHITECTS + CONSULTANTS

Ronan MacDiarmada + Associates Ltd.
Landscape Architects and Consultants.

5 Tootenhill, Rathcoole, Co. Dublin
tel: +353 1 412 4476 mob: 086 26 25 438
fax: +353 1 401 3748 e-mail: ronan@rmda.ie

This Drawing is Copyright ©



Car Park

School

Car Park

Car Park

ALL-COURT-WAY

ROVE

5 6
2
1
3
1
5

72.6

NANGOR

RO

BOUNDARY TREATMENT

- Feature Stone Wall (2m high)**
or similar approved
- Parkland Metal Railing (1.2m high)**
(3 Bar Powder Coated Black) or similar approved.
- Fair Faced Block Wall with Concrete Capping (2m high)**
or similar approved
- Residential Boundary Fence (1.8m high)**
Timber panel & concrete post fence or similar approved
- Dash Block Wall with Brick Piers (2m high)**
or similar approved

HARDSCAPE / KERBS

- KERB TREATMENT (Dropped Flush)**
TerraKerb (Reconstituted Natural Granite)
900x255x203mm or Similar Approved.

S4 - Swale / Aquatic Planting (Planting will Provide Habitat)

40% Yellow Flag Iris (<i>Iris pseudacorus</i>) 2Ltr.	10% Marsh marigold (<i>Caltha palustris</i>) 2Ltr.
10% Water plantain (<i>Alisma plantago-aquatica</i>) 2Ltr.	10% Ragged robin (<i>Lychnis flos-cuculi</i>) 1Ltr.
10% Water forget-me-not (<i>Myosotis scorpiodes</i>) 1Ltr.	10% Brooklime (<i>Veronica beccabunga</i>) 1Ltr.
10% Bogbeam (<i>Menyanthes trifoliata</i>) 1Ltr.	

H1 - Native Hedgerow (450mm topsoil depth / 100cm Double Staggered Row)

Species Name	Specification	Centres
<i>Craetagus monogyna</i>	c/g 2L 40-60cm ht.	500mm
<i>Prunus spinosa</i>	c/g 2L 40-60cm ht.	500mm
<i>Ilex aquifolium</i>	c/g 2L 40-60cm ht.	500mm
<i>Rosa canina</i>	c/g 2L 40-60cm ht.	500mm
<i>Viburnum opulus</i>	c/g 2L 40-60cm ht.	500mm

H2 - Structural Hedgerow (450mm topsoil depth / 100cm Single Row)

Species Name	Specification	Centres
<i>Prunus lusitana</i>	100cm ht.	500mm

Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin


Client: South Dublin County Council Dwg No.1 2

Drawing Title: Boundary Treatment Plan Scale: 1:500

Job No. 1799 Date 08/12/2023

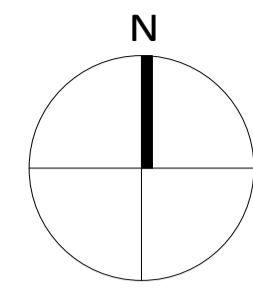
REV	DATE	BY	CHECKED	DESCRIPTION
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning

Ronan MacDiarmada + Associates Ltd.
Landscape Architects and Consultants.



5 Tootenhill, Rathcoole, Co. Dublin
tel: +353 1 412 4476 mob: 086 26 25 438
fax: +353 1 401 3748 e-mail: ronan@rmda.ie

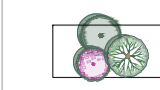
This Drawing is Copyright ©



SCHOOL
Car Park

NANGOR

LEGEND



SOFT LANDSCAPE Proposed Tree Planting

Street Trees 14-16cm

- T1 *Acer campestre* 'Estrijk'
- T2 *Pyrus calleryana* 'Chanticleer'
- T3 *Carpinus betulus* 'Fastigiata'
- T4 *Tilia cordata* 'Greenspire'*
- T5 *Fagus sylvatica* 'Dawycck' 16-18cm

Open Space 14-16cm

- T6 *Betula pendula*
- T7 *Quercus robur* 'Koster'
- T8 *Prunus avium***
- T9 *Amelanchier lamarckii*

Multistemmed Trees 12-14cm

- T10 *Prunus avium* 'Plena'
- T11 *Malus* 'John Downie'
- T12 *Betula pendula* 'Multi-stem'



G1 Amenity Grass
300mm min. Topsoil depth



G2 Amenity Grass - Rear Gardens
300mm topsoil depth



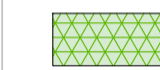
W1 Attenuation Areas: Native Wildflower Seed Mix - Ecotype Range EC05

Wetland Wild Flora (Seasonally Flooded) is a vigorous, medium tall mixture which can compete with the often fertile wetland soils on which many wetlands are situated. 1.5 grams per metre
Species List
Devils Bit Scabious, Common Sorrel, Cowslip/Fleabane, Greater Trefoil, Hemp Agrimony, Lesser Knapweed, Marsh Cinquefoil, Marsh Marigold, Meadow Buttercup, Meadowsweet, Meadow Rue, Oxeye Daisy, Purple Loosetrife, Ragged Robin, Red Clover, Red Rattle, Ribwort Plantain, Selfheal, Sneezewort, Tufted Vetch, Water Avens, Wild Angelica, Wild Valerian, Yarrow, Yellow Flag iris, Yellow Rattle, Red Rattle, Corn Marigold, Corn Poppy, Corncockle, Cornflower, Scentsless Mayweed



S1 - Shrub Planting: Edging Buffer

Species Name	Specification	Plant/m2
<i>Agapanthus</i> 'Blue Umbrella'	c/g 2L 30-40cm ht.	7m ²
<i>Armeria maritima</i> 'Splendens'	c/g 2L 30-40cm ht.	7m ²
<i>Bergenia cordifolia</i>	c/g 2L 30-40cm ht.	7m ²
<i>Lavandula angustifolia</i> 'Vera'	c/g 2L 30-40cm ht.	7m ²
<i>Perovskia</i> 'Blue Spire'	c/g 2L 30-40cm ht.	7m ²
<i>Schizostylis coccinea</i> 'Sunrise'	c/g 2L 30-40cm ht.	7m ²



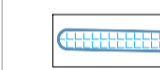
S2 - Shrub Planting

Species Name	Specification	Plant/m2
<i>Agapanthus africanus</i>	c/g 2L 30-40cm ht.	7m ²
<i>Allium ursinum</i>	c/g P9 20-30cm ht.	7m ²
<i>Eryngium</i> 'Bowles' Mauve'	c/g 2L 30-40cm ht.	5m ²
<i>Libertia grandiflora</i>	c/g 3L 30-40cm ht.	3m ²
<i>Kniphofia</i> 'Royal Standard'	c/g 2L 30-40cm ht.	7m ²
<i>Tubaghia violacea</i>	c/g 2L 30-40cm ht.	3m ²



S3 - Tree Pit Shrub Planting

Species Name	Specification	Plant/m2	%
<i>Persicaria affine</i>	c/g 1L 20-30cm ht.	7m ²	50
<i>Astilbe</i>	c/g 2L 30-40cm ht.	7m ²	5
<i>Iris sibirica</i>	c/g 2L 30-40cm ht.	7m ²	15
<i>Hebeborus</i>	c/g 2L 30-40cm ht.	7m ²	10
<i>Kniphofia Red Hot Poker</i>	c/g 2L 30-40cm ht.	7m ²	15
<i>Carex pendula</i>	c/g 2L 30-40cm ht.	7m ²	15



S4 - Swale / Aquatic Planting (Planting will Provide Habitat)

40% Yellow Flag iris (*Iris pseudacorus*) 2Ltr. 10% Marsh marigold (*Caltha palustris*) 2Ltr.
10% Water plantain (*Alisma plantago-aquaticum*) 2Ltr. 10% Ragged robin (*Lychnis flo-cuculi*) 1Ltr.
10% Water forget-me-not (*Myosotis scorpioides*) 1Ltr. 10% Brooklime (*Veronica beccabunga*) 1Ltr.
10% Bogbeam (*Menyanthes trifoliata*) 1Ltr.




H1 - Native Hedgerow (450mm topsoil depth / 100cm Double Staggered Row)

Species Name	Specification	Centres
<i>Craetagus monogyna</i>	c/g 2L 40-60cm ht.	500mm
<i>Prunus spinosa</i>	c/g 2L 40-60cm ht.	500mm
<i>Ilex aquifolium</i>	c/g 2L 40-60cm ht.	500mm
<i>Rosa canina</i>	c/g 2L 40-60cm ht.	500mm
<i>Viburnum opulus</i>	c/g 2L 40-60cm ht.	500mm



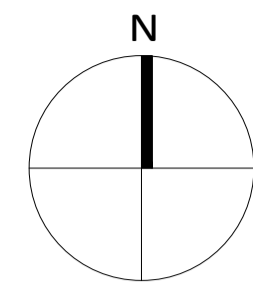
H2 - Structural Hedgerow (450mm topsoil depth / 100cm Single Row)

Species Name	Specification	Centres
<i>Prunus lusitana</i>	100cm ht.	500mm

Project Title:	Residential Development at Kilcarbery, Clondalkin, South Dublin	Client:	South Dublin County Council	Dwg No.1 3
		Drawing Title:	Soft Landscape Plan	Scale 1:500
		Job No.	1799	Date 08/12/2023
		 Ronan MacDiarmada + Associates Ltd. Landscape Architects and Consultants.		
		5 Tootenhill, Rathcoole, Co. Dublin tel: +353 1 412 4476 mob: 086 26 25 438 fax: +353 1 401 3748 e-mail: ronan@rmda.ie		
		This Drawing is Copyright ©		

REV	DATE	BY	CHECKED	DESCRIPTION
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning

Hard Landscape Plan - sc. 1:500



SCHOOL
Car Park

NANGOR

HARD LANDSCAPE

Beige Tarmac

Feature Paving - Unit Entrance (to Engineer's Specification)
Paving Dim. 200x100x80mm. Colour silver, with 200mm wide charcoal soldier course border

Feature Paving - to Engineer's Specification)
Paving Dim. 200x100x80mm. Colour tbc, with 200mm wide charcoal soldier course border

Parking - Permeable Paving
Hydropave Pavers. Colour: Natural 200 x 100 x 80mm

Concrete Footpath (to Engineer's Specification)
In-situ concrete with exposed aggregate. Brushed with trowel edge finish

Bicycle Path - Coloured Tarmac

LANDSCAPE FURNITURE / FEATURES

Benches
Hartecast HC2001S Bench or similar approved

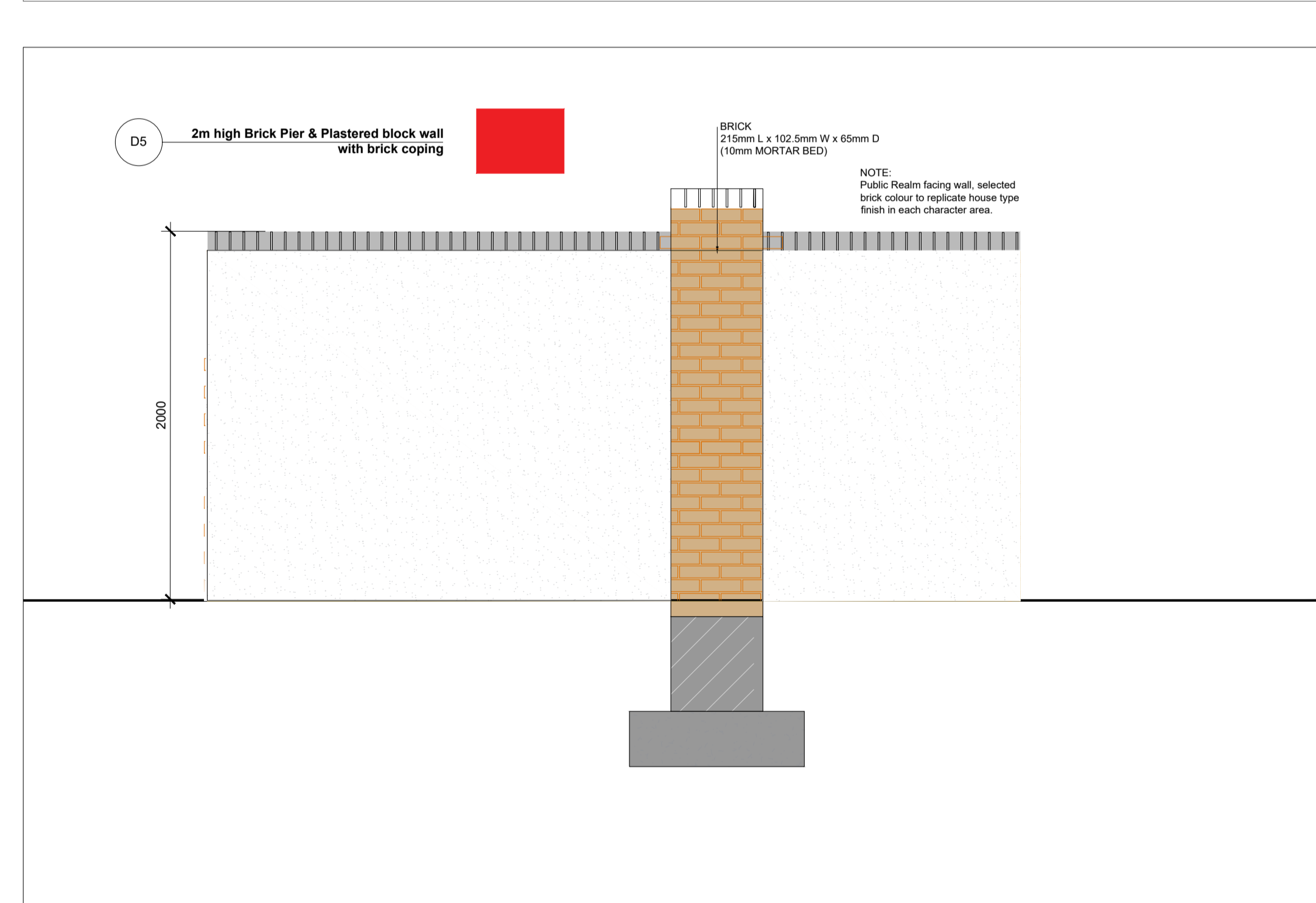
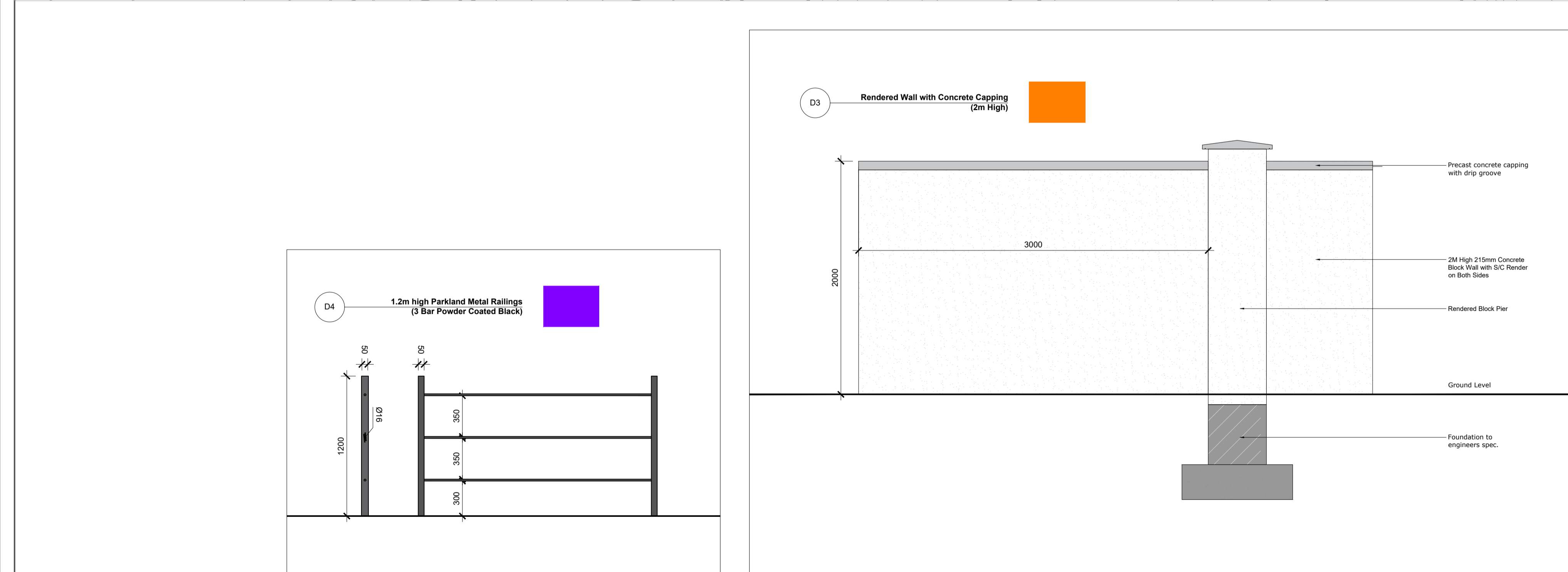
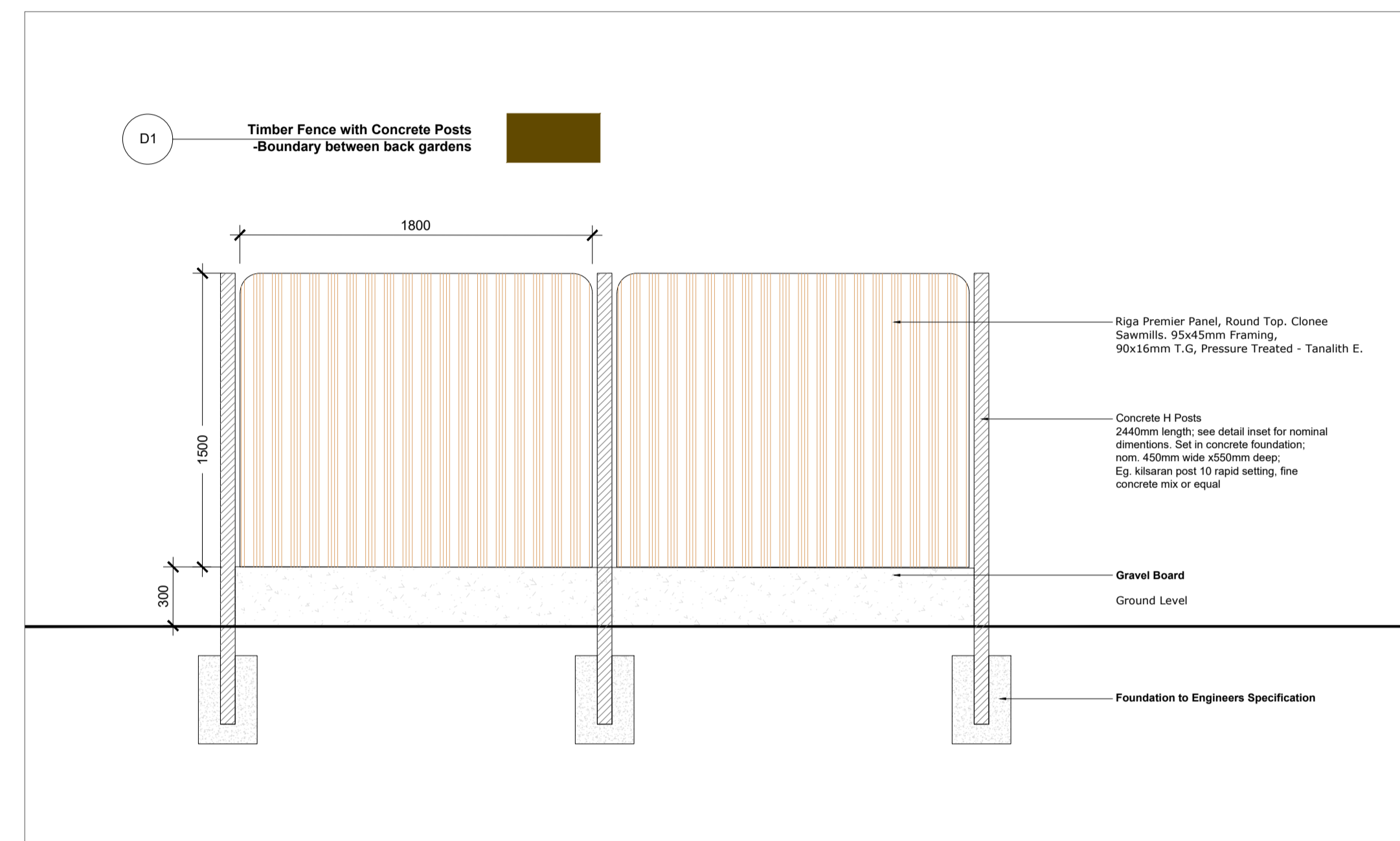
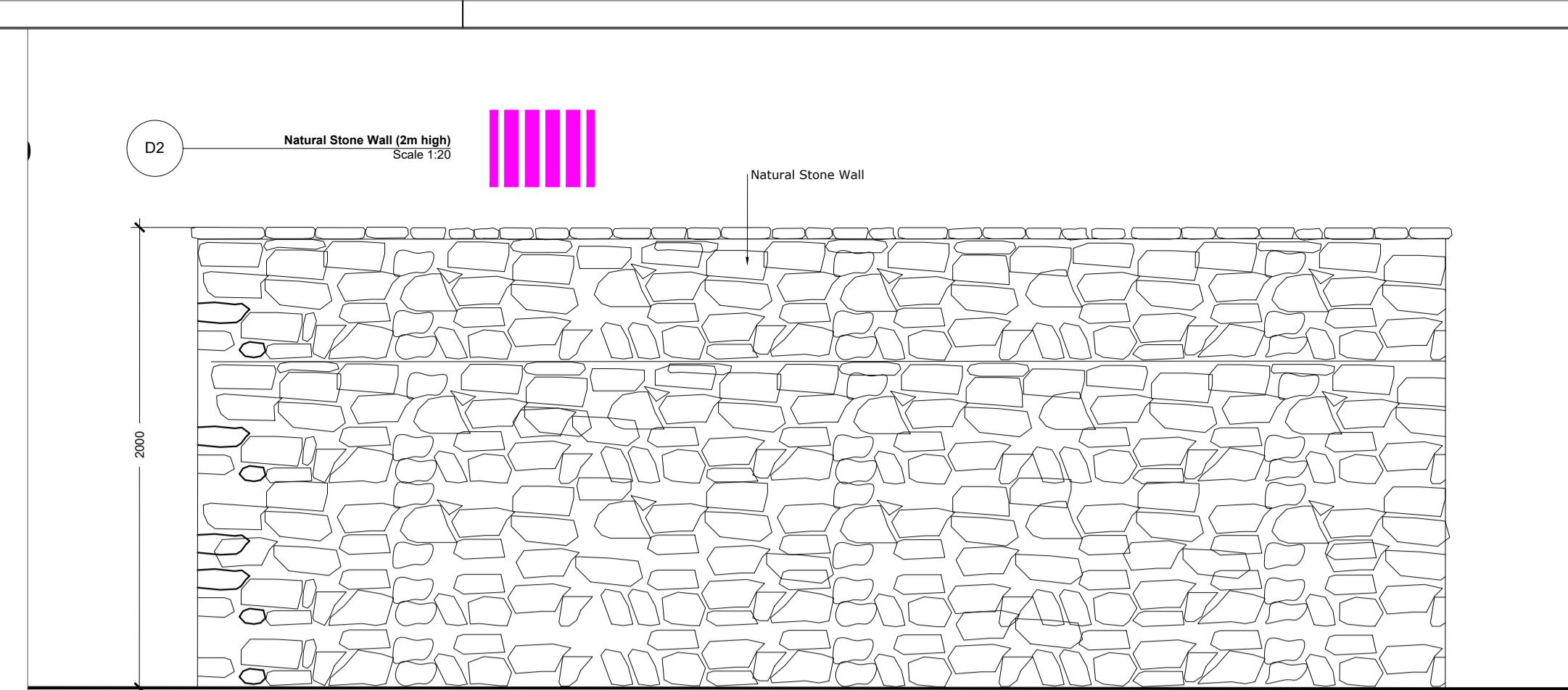
Found Play Elements
Natural Play Elements - mounding, stepping stones, balance logs, vertical logs, Climbing Rocks as agreed prior to taking in charge

Structured Play Elements
Multi-age play Elements

Bicycle Parking

Bird/Bat Boxes

Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin					Client: South Dublin County Council		Dwg No. 1 4	
					Drawing Title: Hard Landscape Plan		Scale: 1:500	
					Job No. 1799		Date 08/12/2023	
					<p>Ronan MacDiarmada + Associates Ltd. Landscape Architects and Consultants.</p> <p>5 Tootenhill, Rathcoole, Co. Dublin tel: +353 1 412 4476 mob: 086 26 25 438 fax: +353 1 401 3748 e-mail: ronan@rmda.ie</p>			
D	08/12/2023	PL	RMD	Planning				
C	28/11/2023	PL	RMD	Planning				
B	15/11/2023	PL	RMD	Planning				
A	04/10/2023	PL	RMD	Planning				
REV	DATE	BY	CHECKED	DESCRIPTION	This Drawing is Copyright ©			



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin

Client: South Dublin County Council Dwg No. 2.1

Drawing Title: Boundary Treatment Details Scale 1:25

Job No. 1799 Date 08/12/2023

REV	DATE	BY	CHECKED	DESCRIPTION
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning

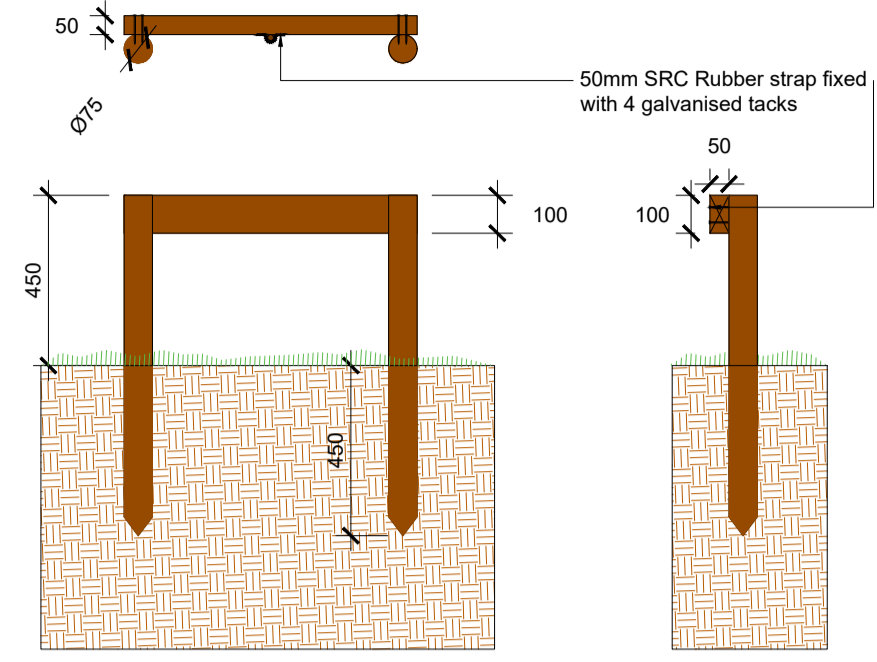
Ronan MacDiarmada + Associates Ltd. Landscape Architects and Consultants.

5 Tootenhill, Rathcoole, Co. Dublin
tel: +353 1 412 4476 mob: 086 26 25 438
fax: +353 1 401 3748 e-mail: ronan@rmda.ie

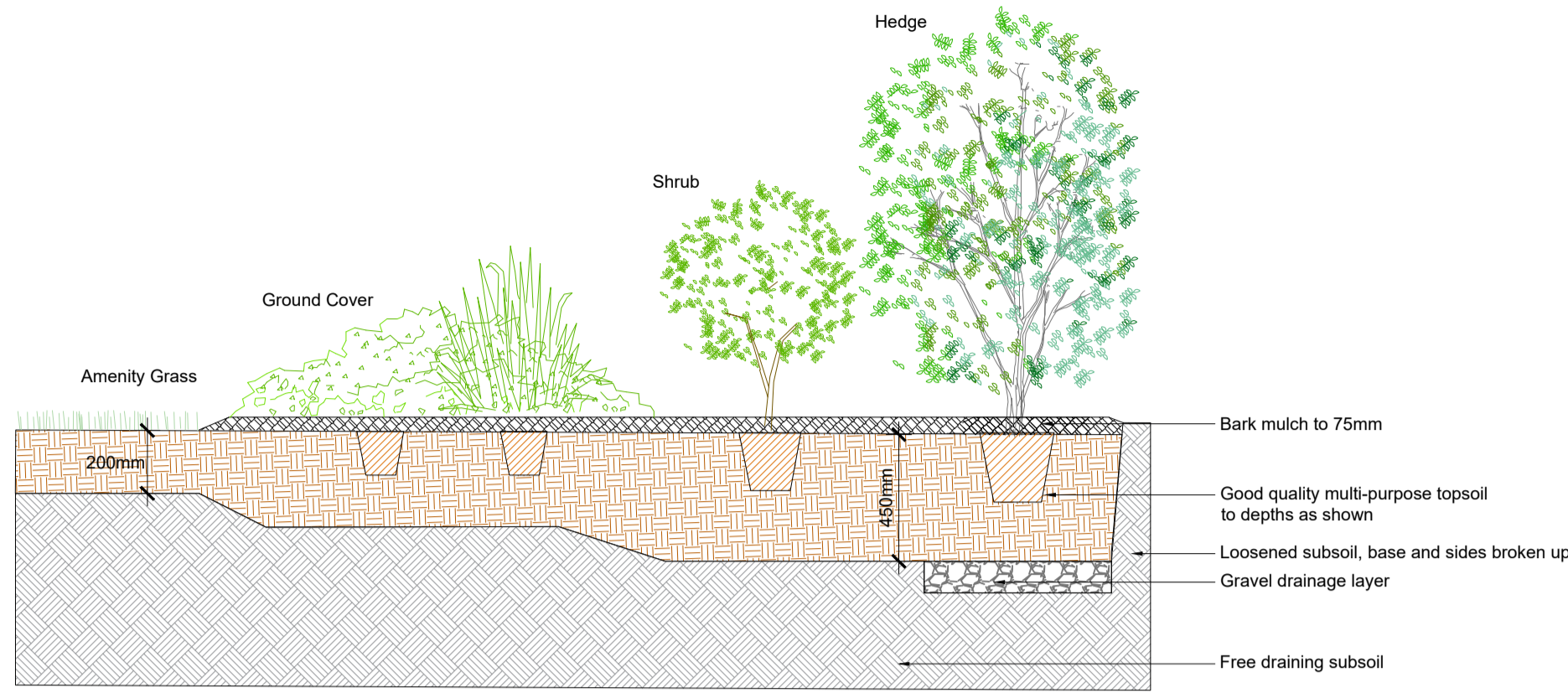
RMDA LANDSCAPE ARCHITECTS + CONSULTANTS

This Drawing is Copyright ©

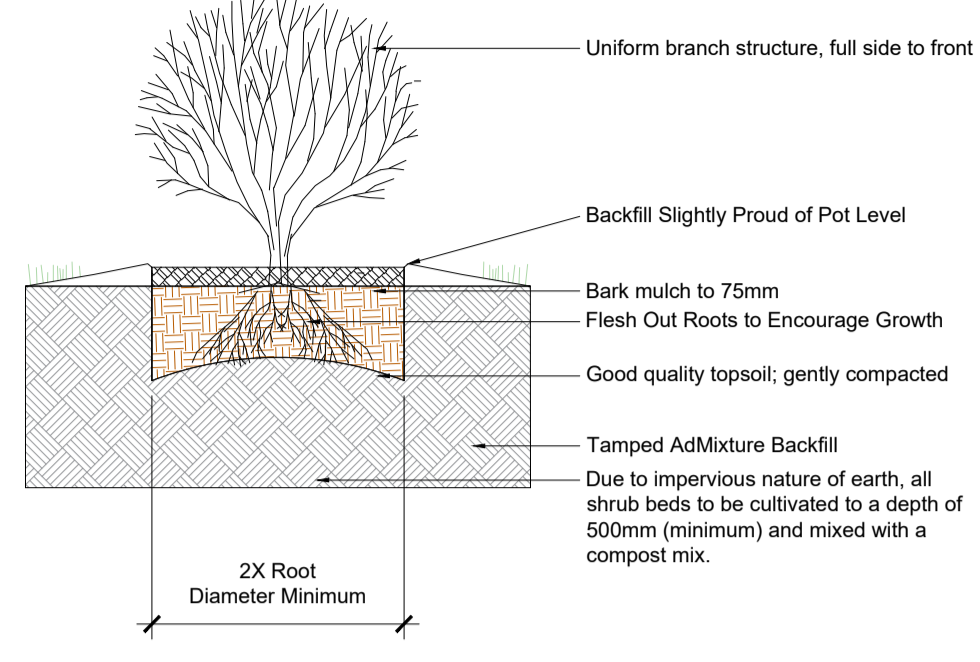
D1 Staking Detail
Scale 1:20



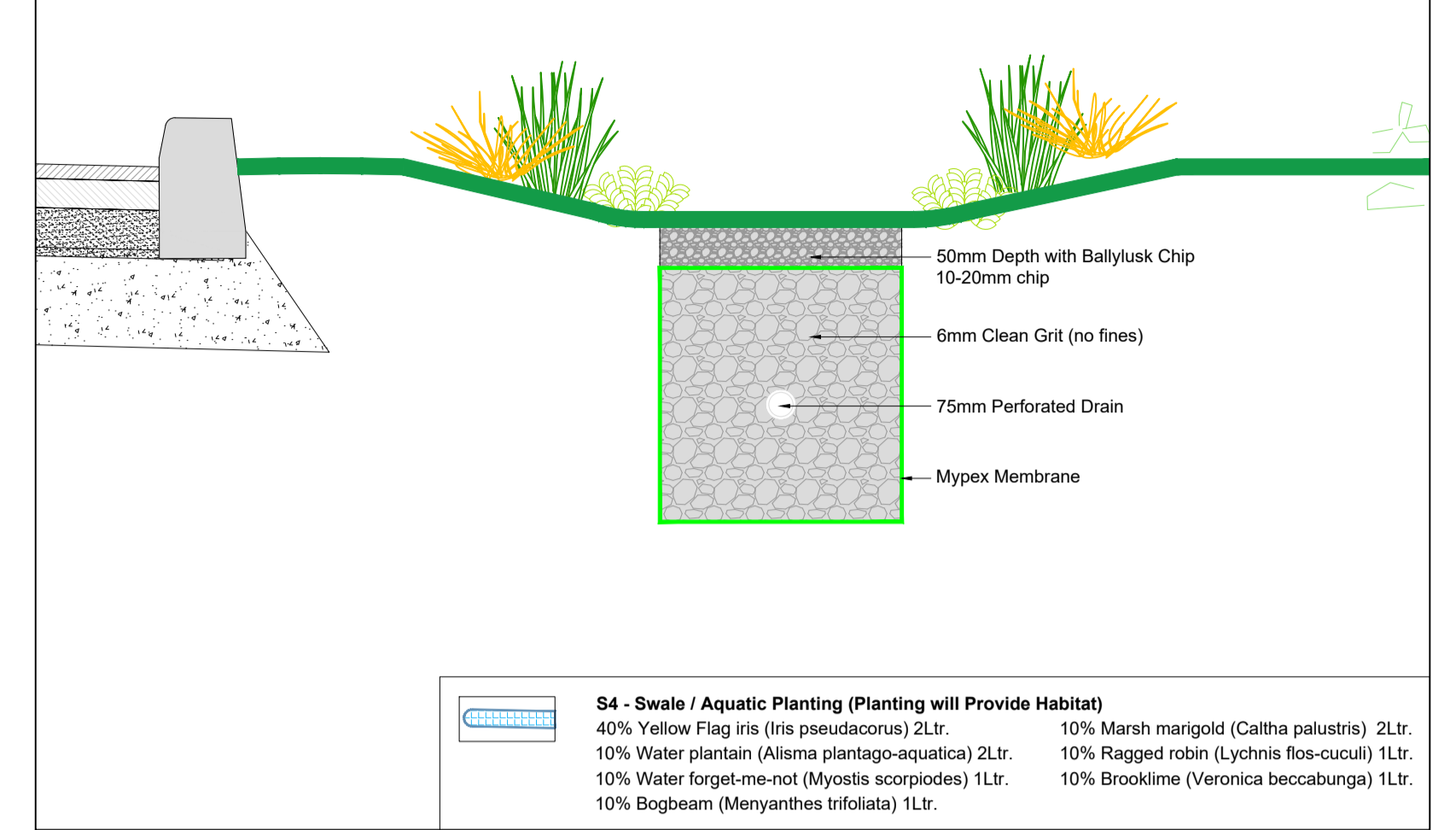
D2 Minimum Soil Depths
Scale 1:20



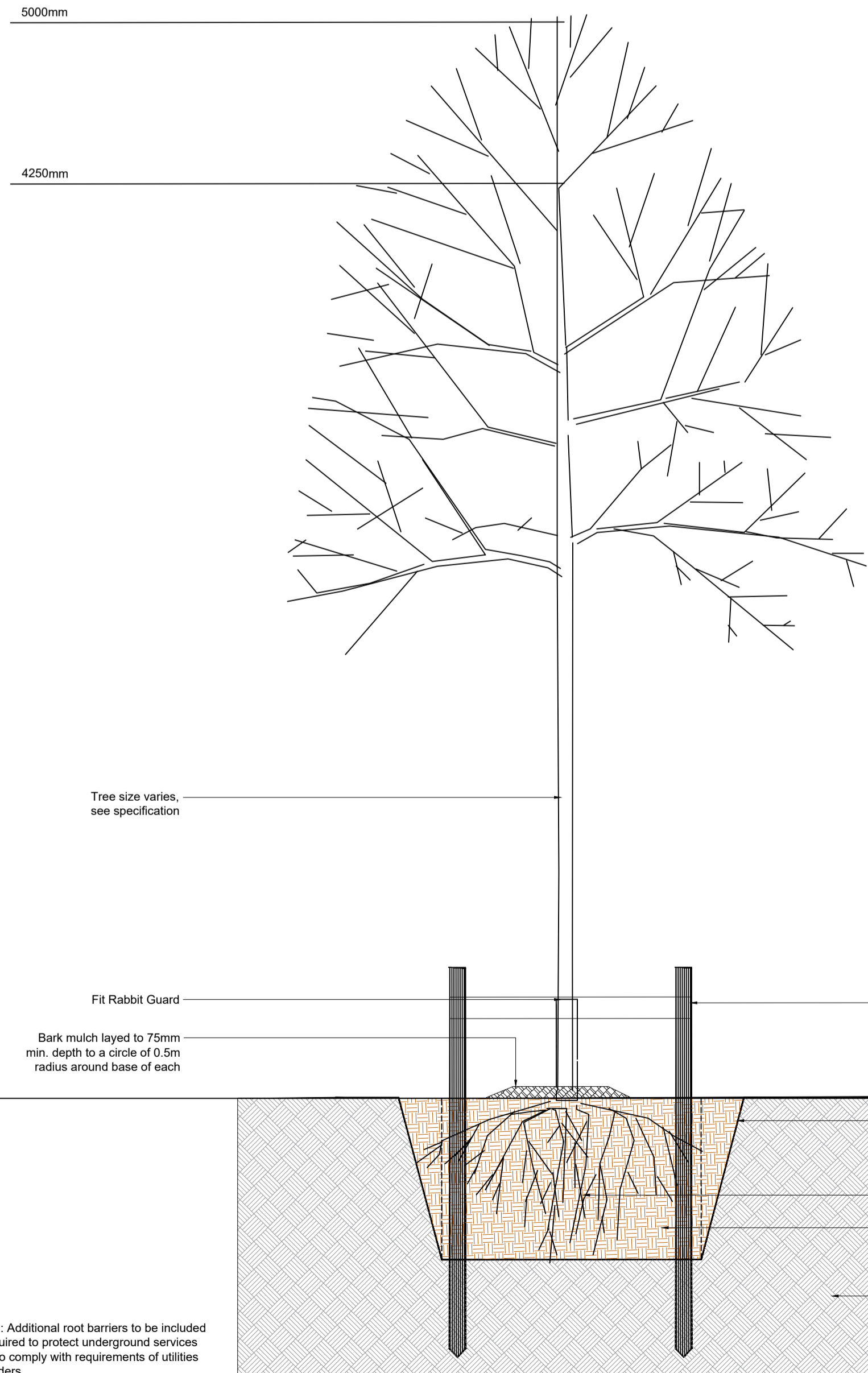
D3 Shrub Planting Detail
Scale 1:20



D7 Swale Detail
Scale 1:20

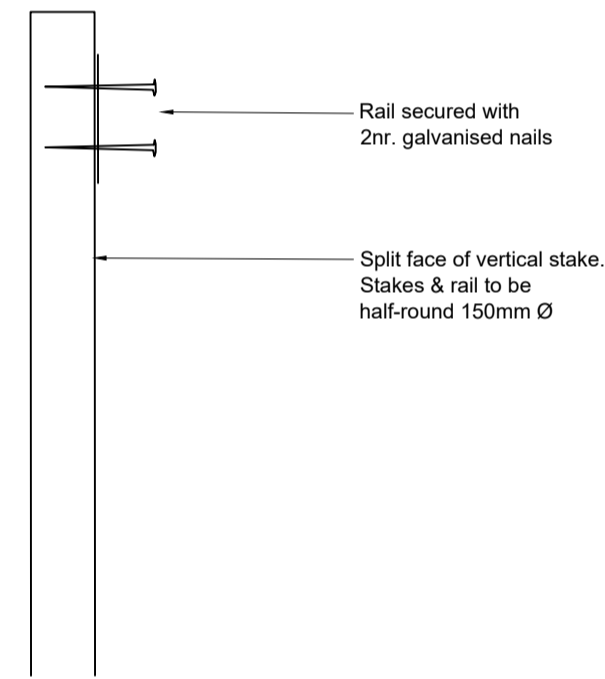


D4 Tree Planting Detail - Double Staking
Extra heavy standard trees (in excess of 14cm girth)
Scale 1:20

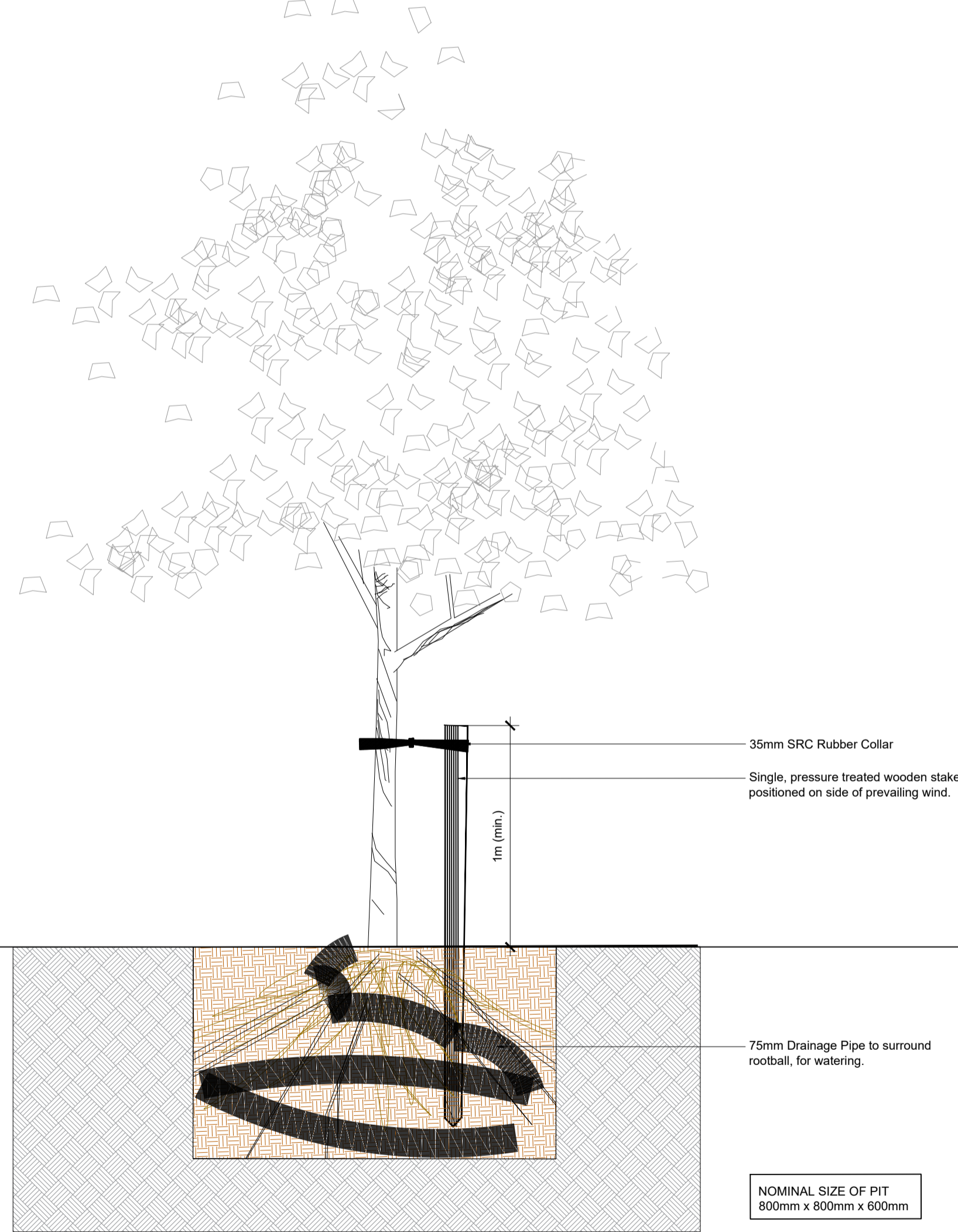


Note: Trees to be a minimum of 5-7m away from Light Standards

End Elevation (not to scale)

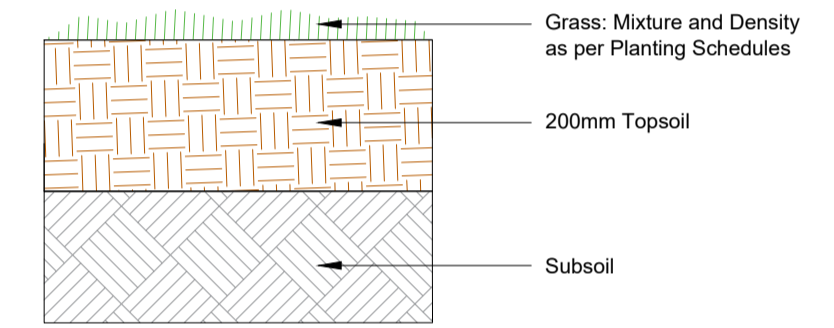


D5 Tree Planting Detail - Single Staking
Standard Tree less than 14cm girth
Scale 1:20

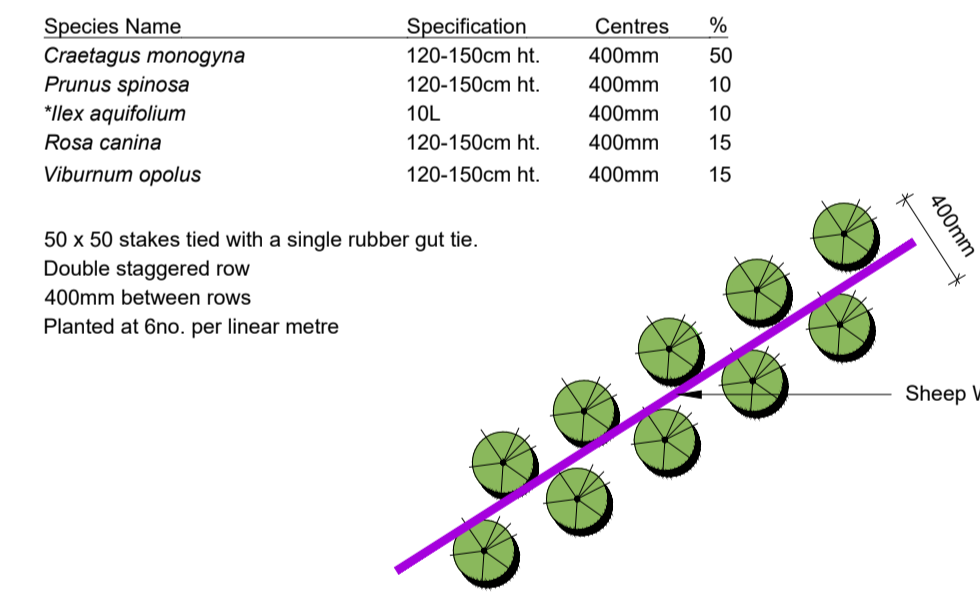


Note: Trees to be a minimum of 5-7m away from Light Standards

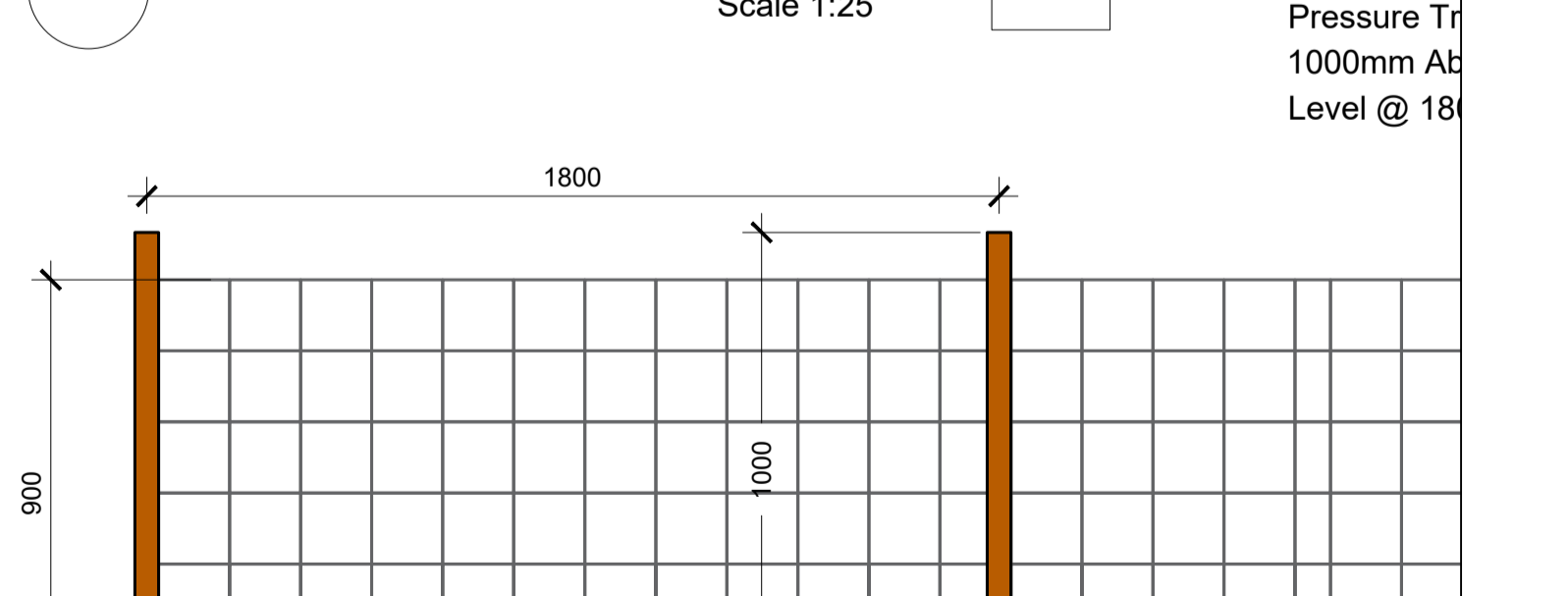
D8 Amenity Grass Planting
Scale 1:10



D9 Native Hedgerow Planting Mix - H1
Scale 1:5



D10 Sheep Wire Fence to aid hedgerow
Scale 1:25



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin

REV	DATE	BY	CHECKED	DESCRIPTION
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning

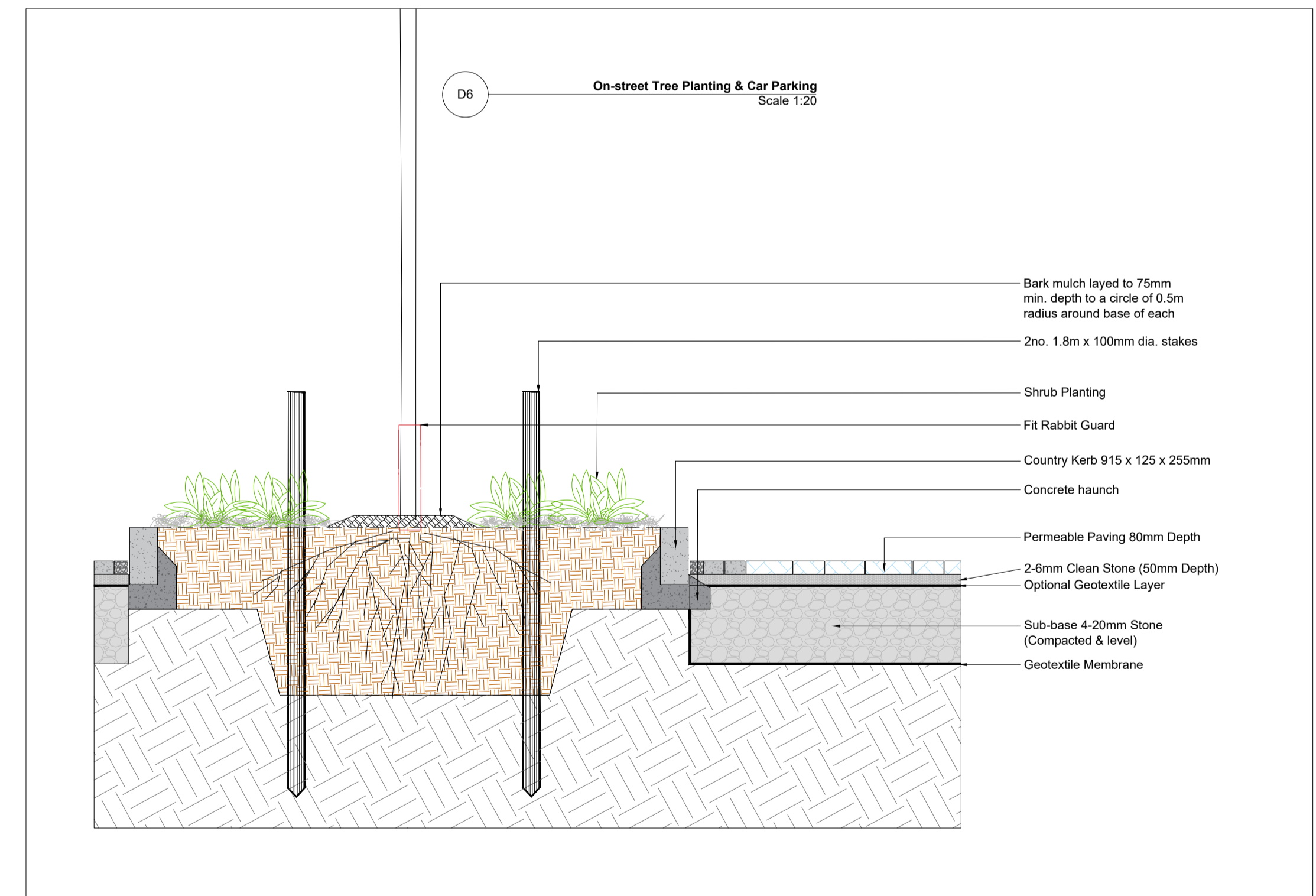
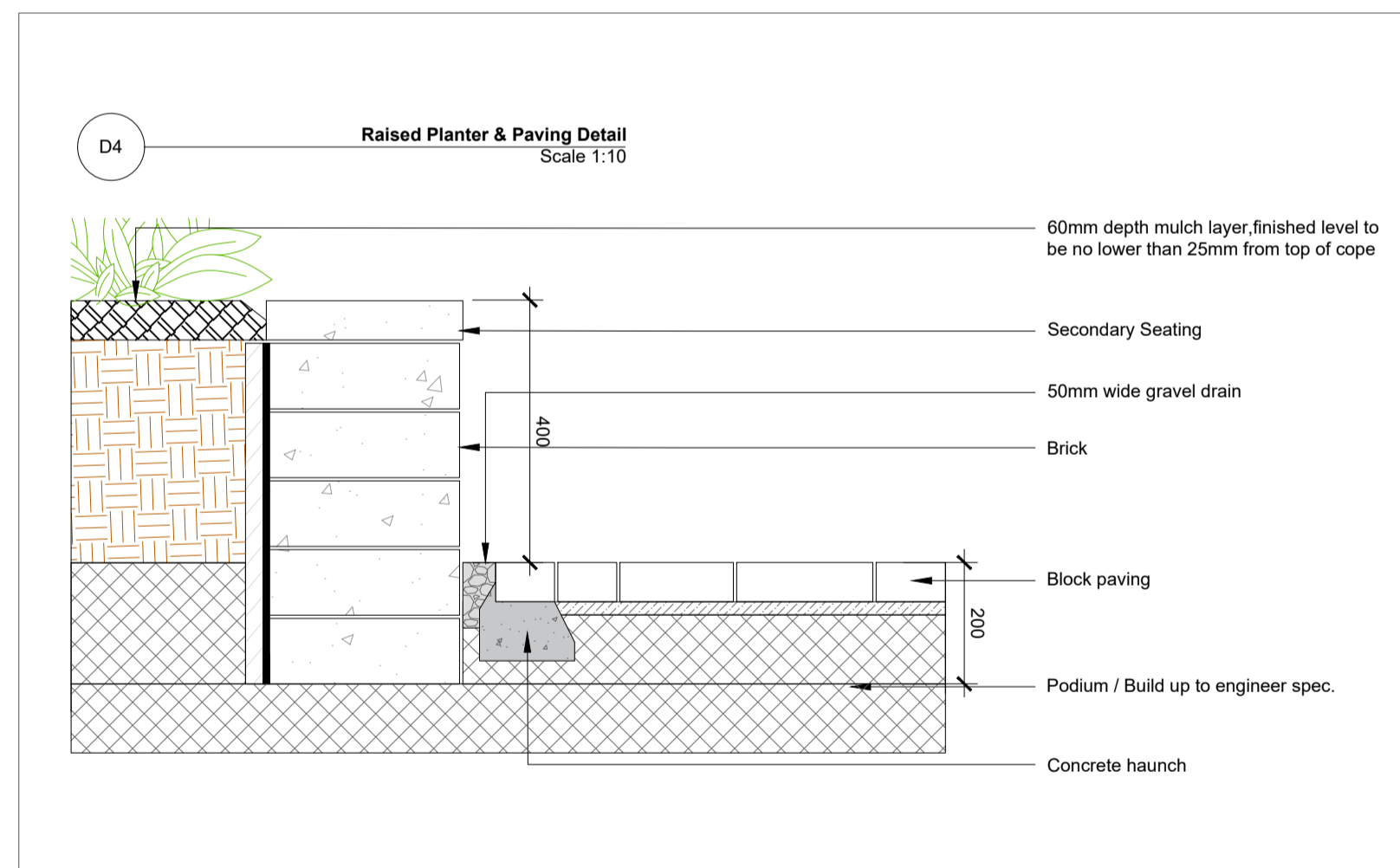
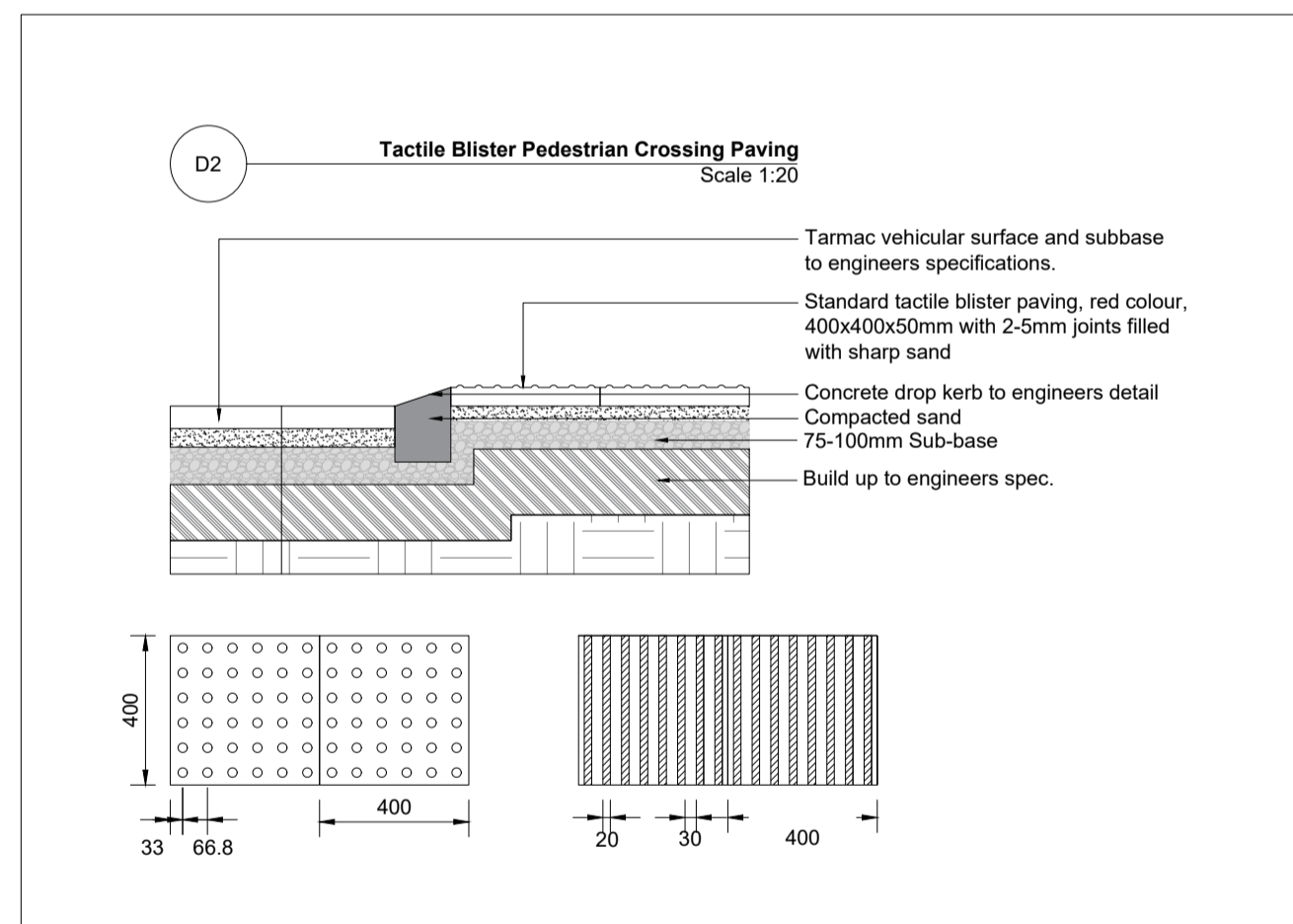
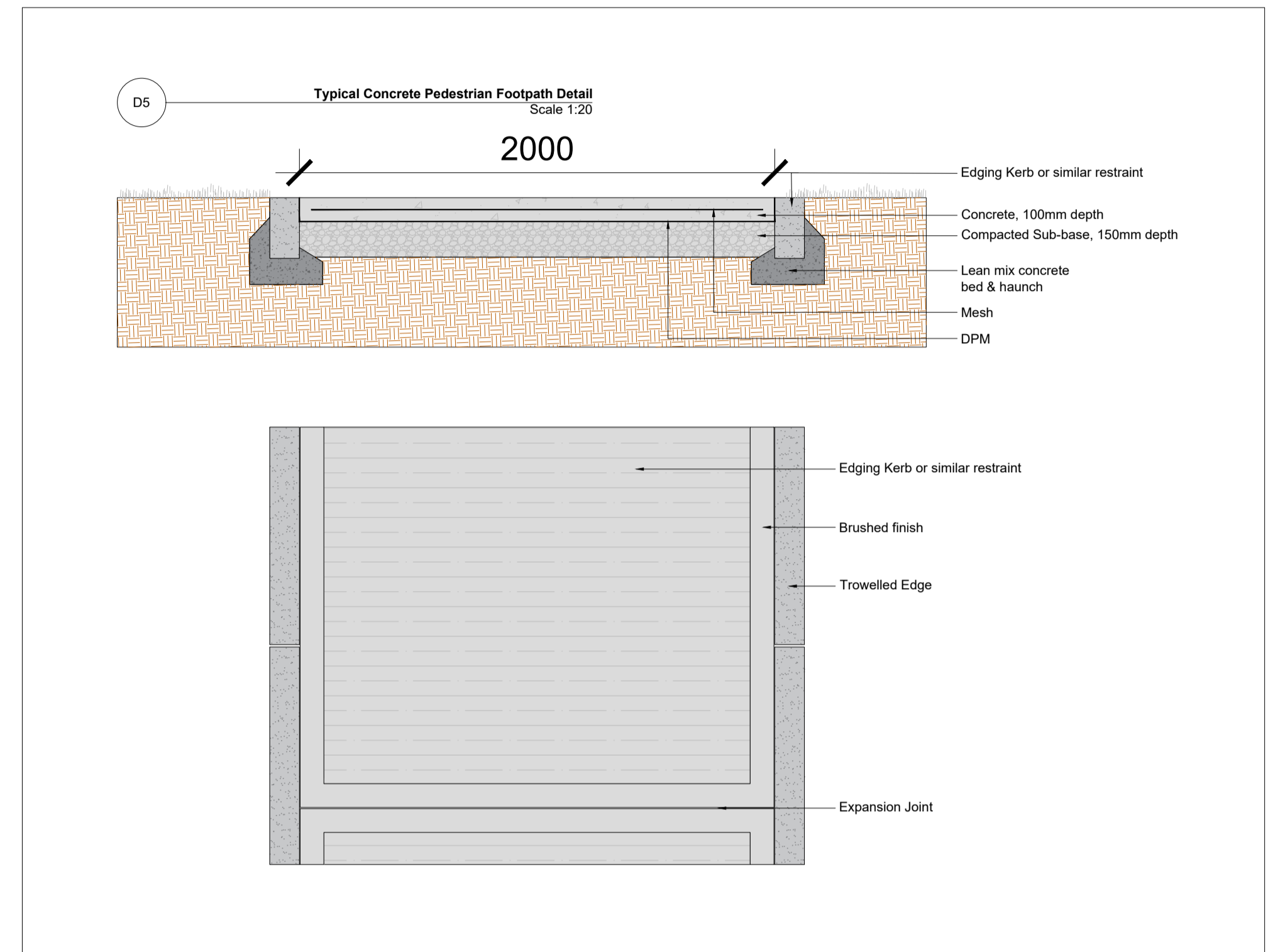
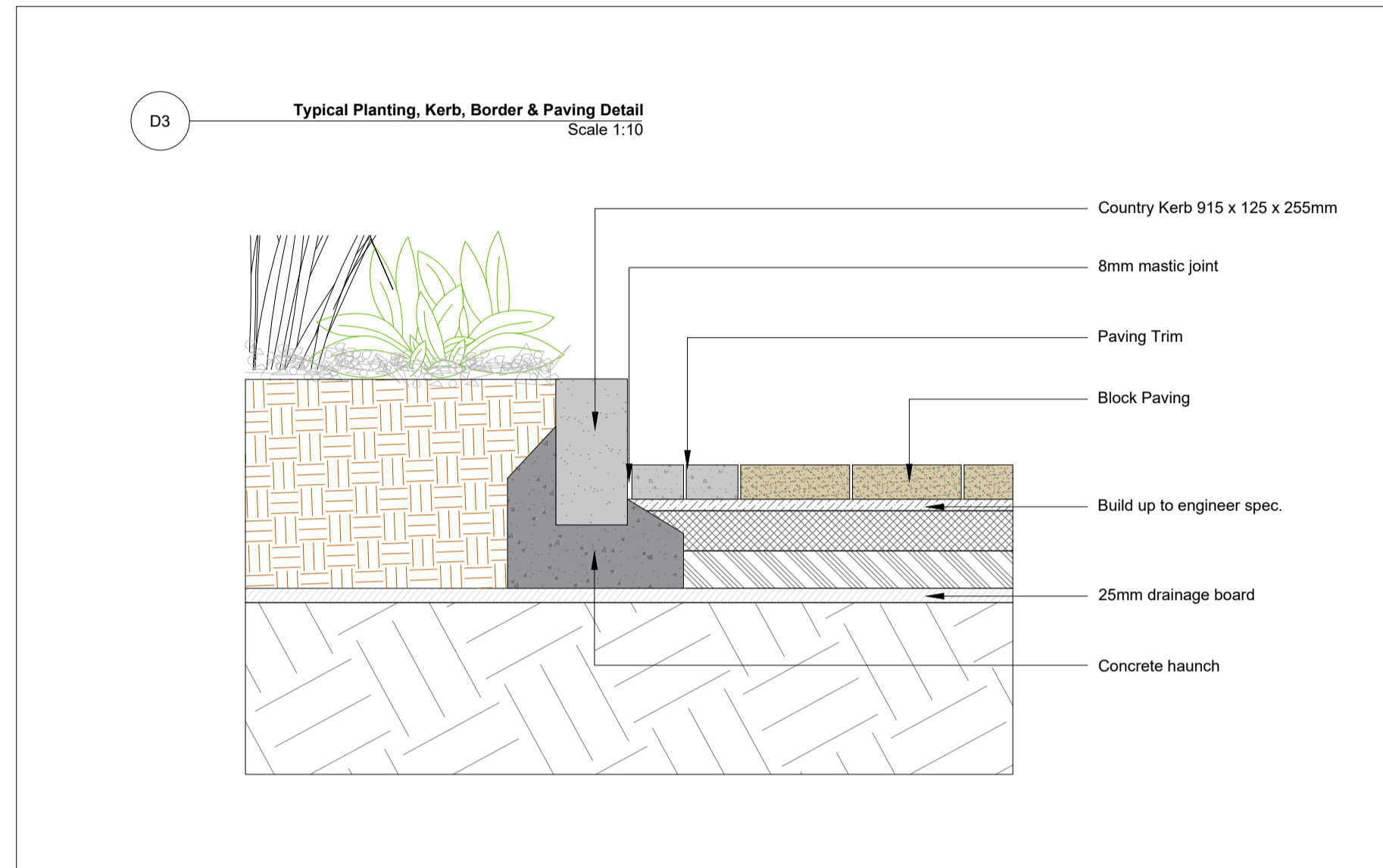
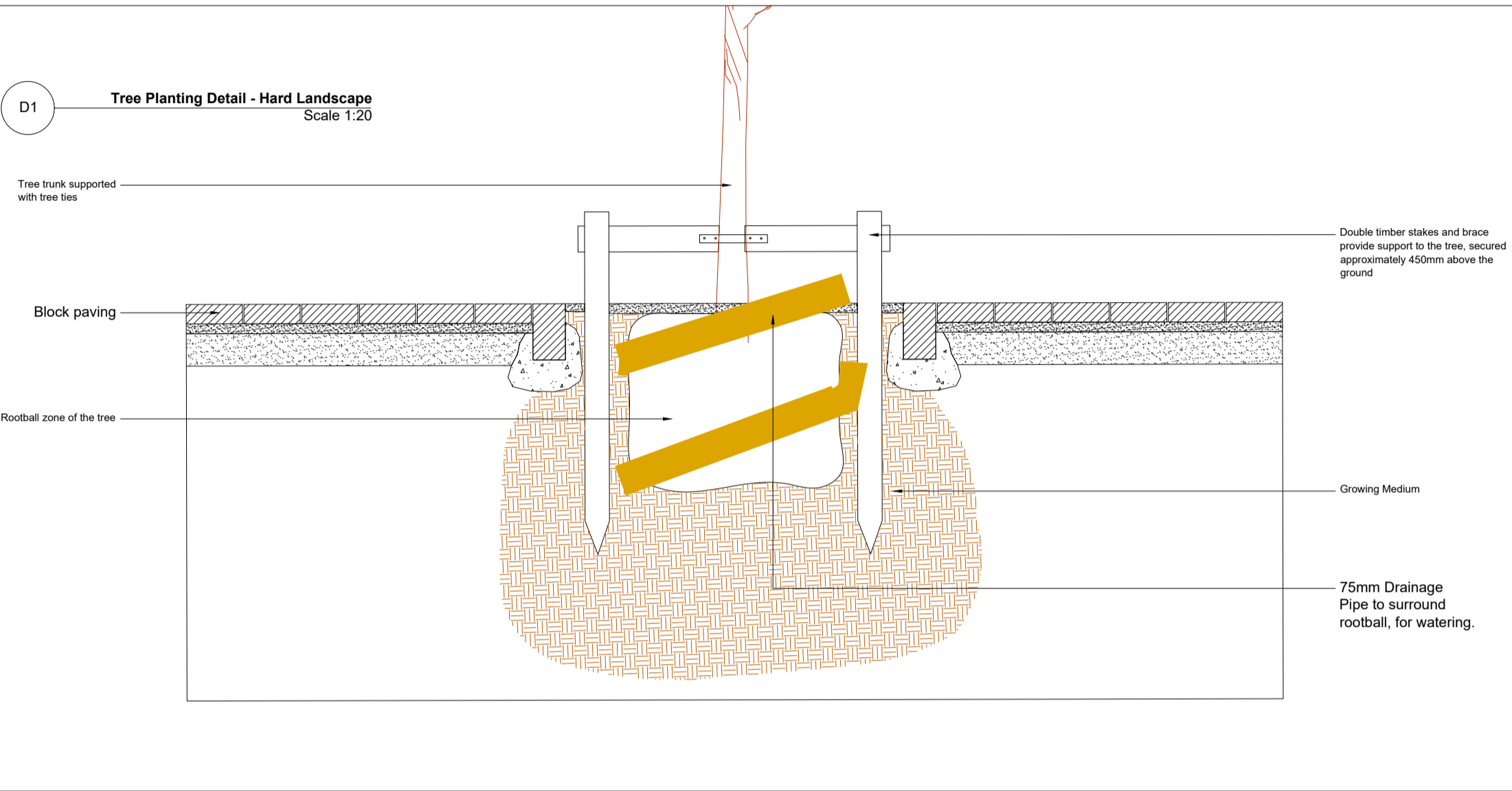
Client: South Dublin County Council
Drawing Title: Soft Landscape Details
Job No. 1799
Date 08/12/2023
Dwg No. 2.2
Scale 1:20



Ronan MacDiarmada + Associates Ltd.
Landscape Architects and Consultants.

5 Tootenhill, Rathcoole, Co. Dublin
tel: +353 1 412 4476
fax: +353 1 401 3748
mob: 086 26 25 438
e-mail: ronan@rmda.ie

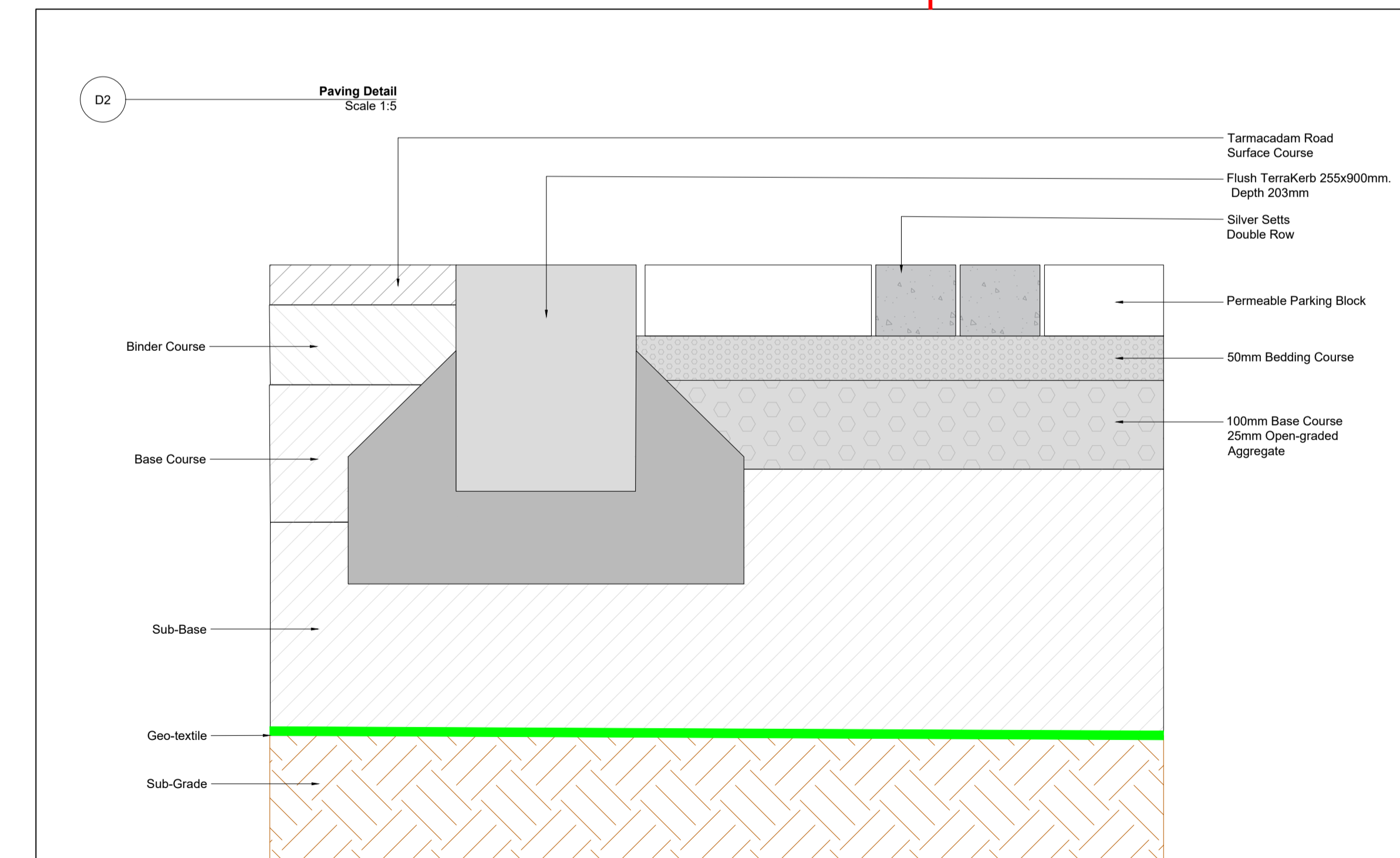
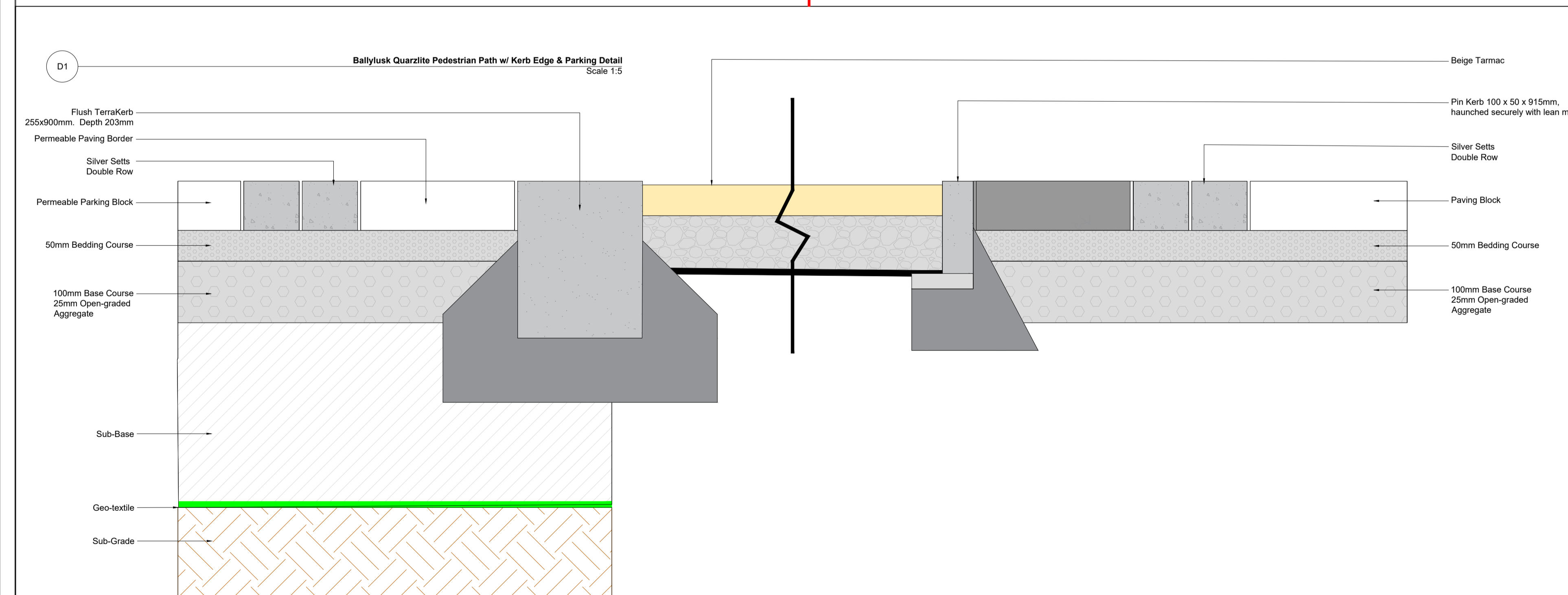
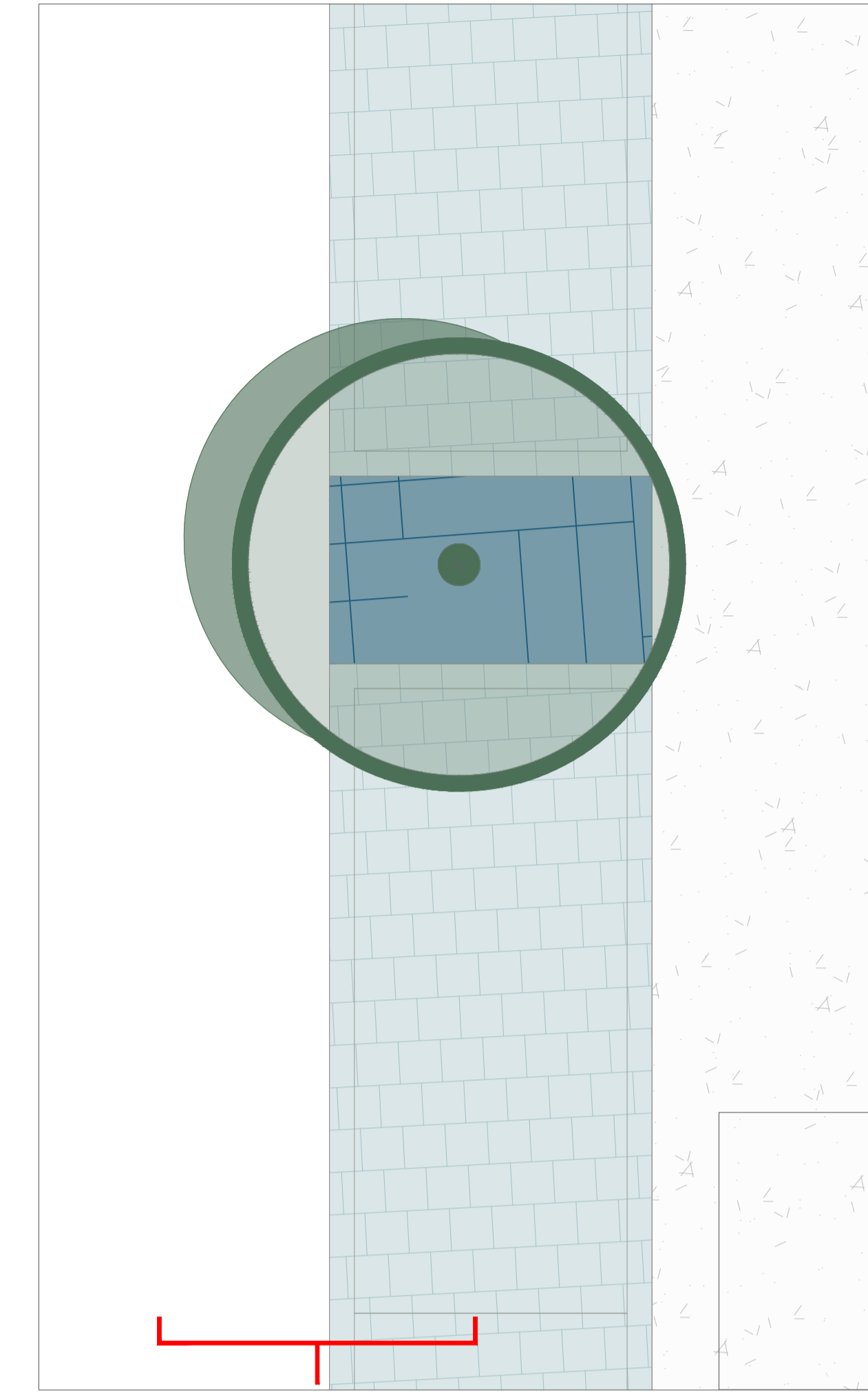
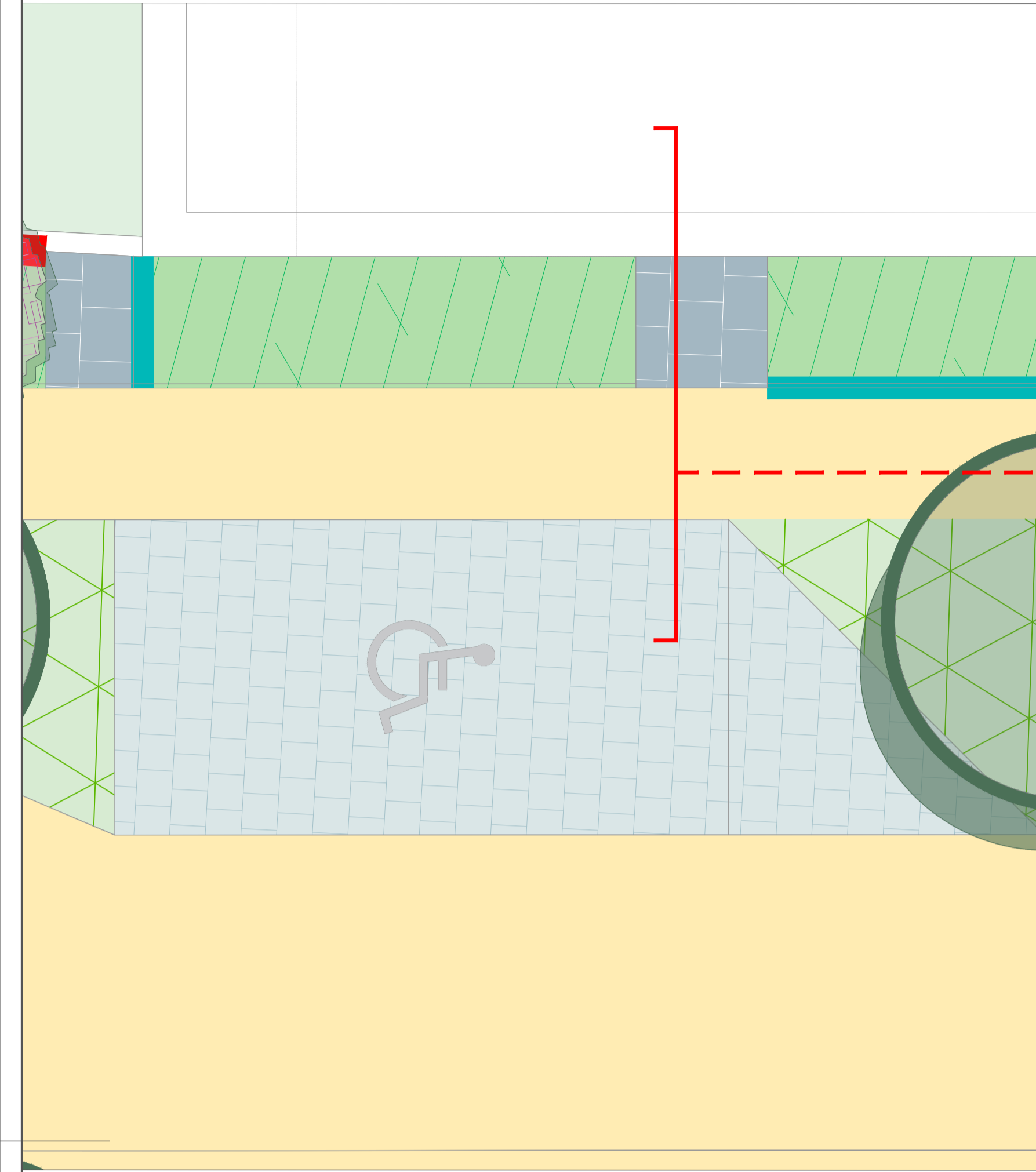
This Drawing is Copyright ©



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin					Client: South Dublin County Council		Dwg No. 2.3	
					Drawing Title: Hard Landscape Details		Scale: 1:20	
					Job No. 1799		Date 08/12/2023	
					 Ronan MacDiarmada + Associates Ltd. Landscape Architects and Consultants. 5 Tootenhill, Rathcoole, Co. Dublin tel: +353 1 412 4476 mob: 086 26 25 438 fax: +353 1 401 3748 e-mail: ronan@rmda.ie			
D	08/12/2023	PL	RMD	Planning				
C	28/11/2023	PL	RMD	Planning				
B	15/11/2023	PL	RMD	Planning				
A	04/10/2023	PL	RMD	Planning				
REV	DATE	BY	CHECKED	DESCRIPTION				

Detail Area 1 - Scale 1:50

Detail Area 2 - Scale 1:50



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin

Client: South Dublin County Council

Dwg No. 2.4

Drawing Title: Surface Details

Scale: 1:20

Job No. 1799

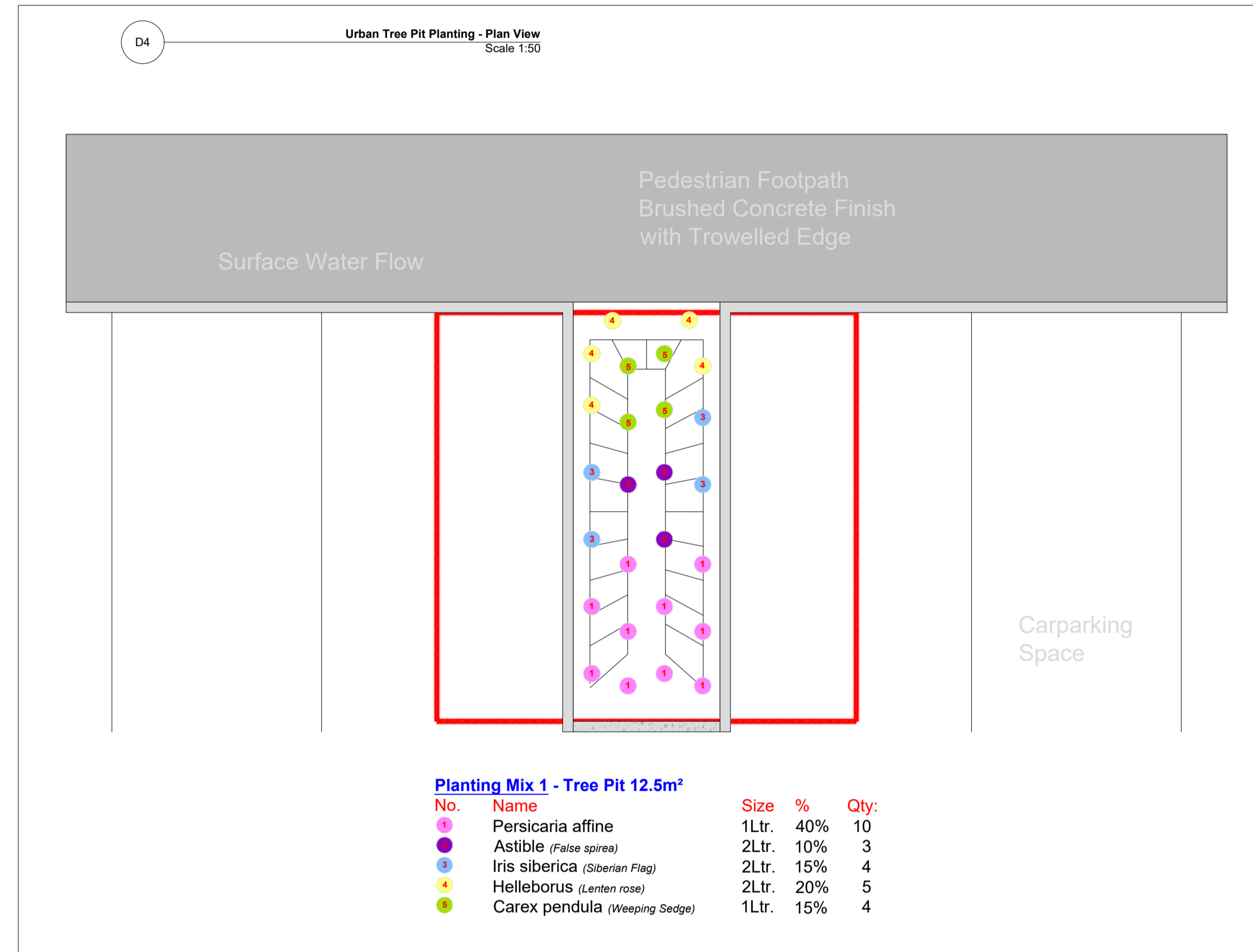
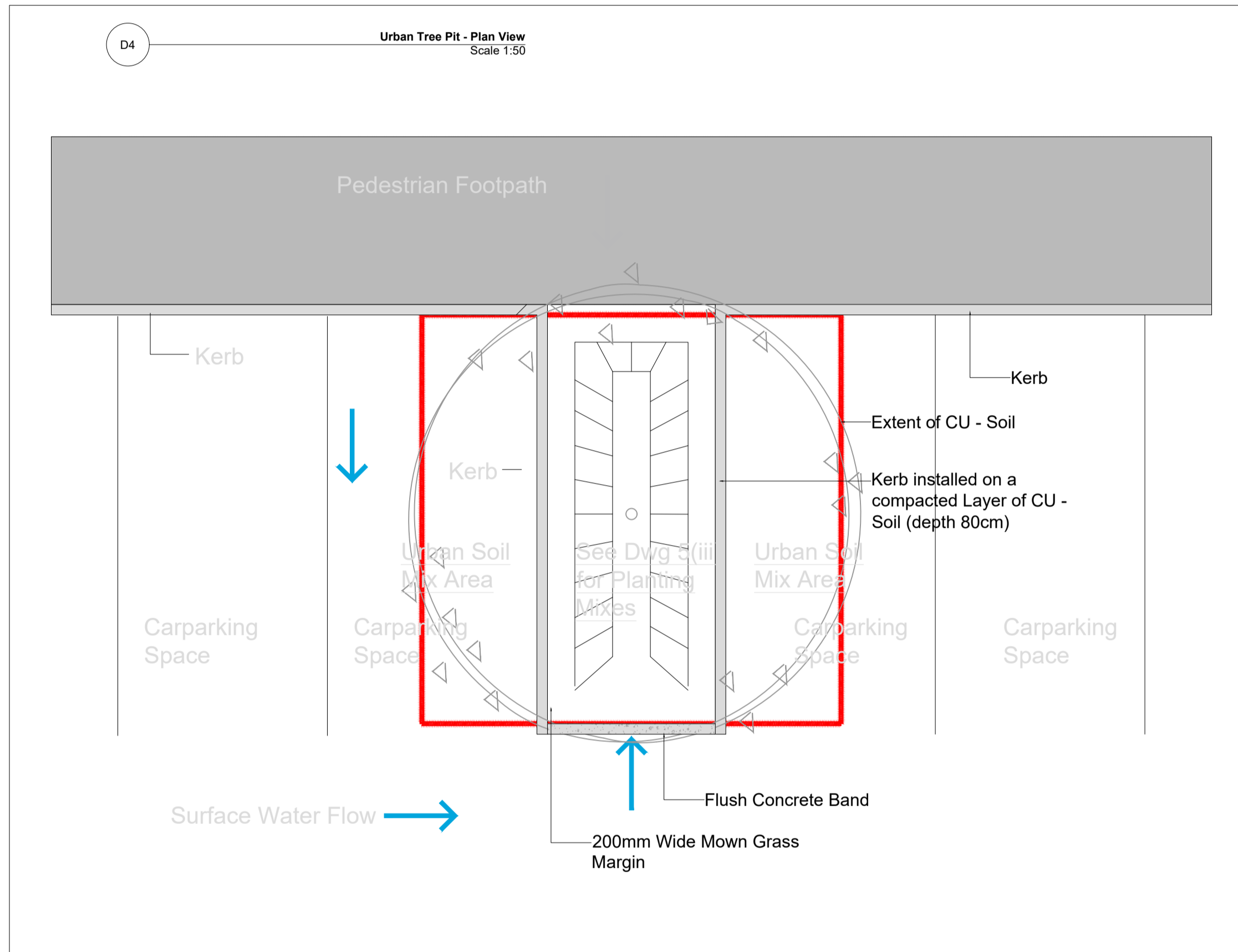
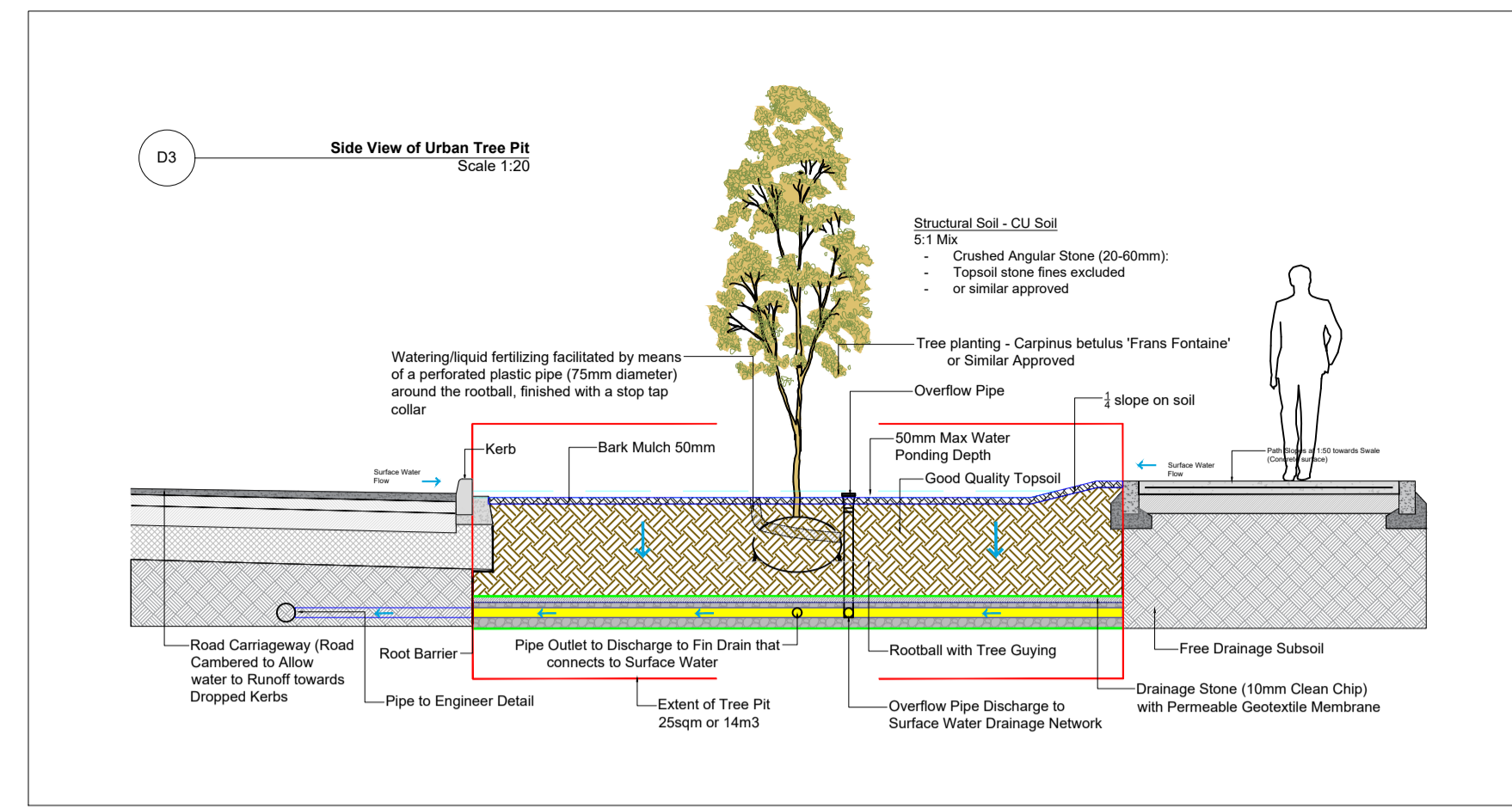
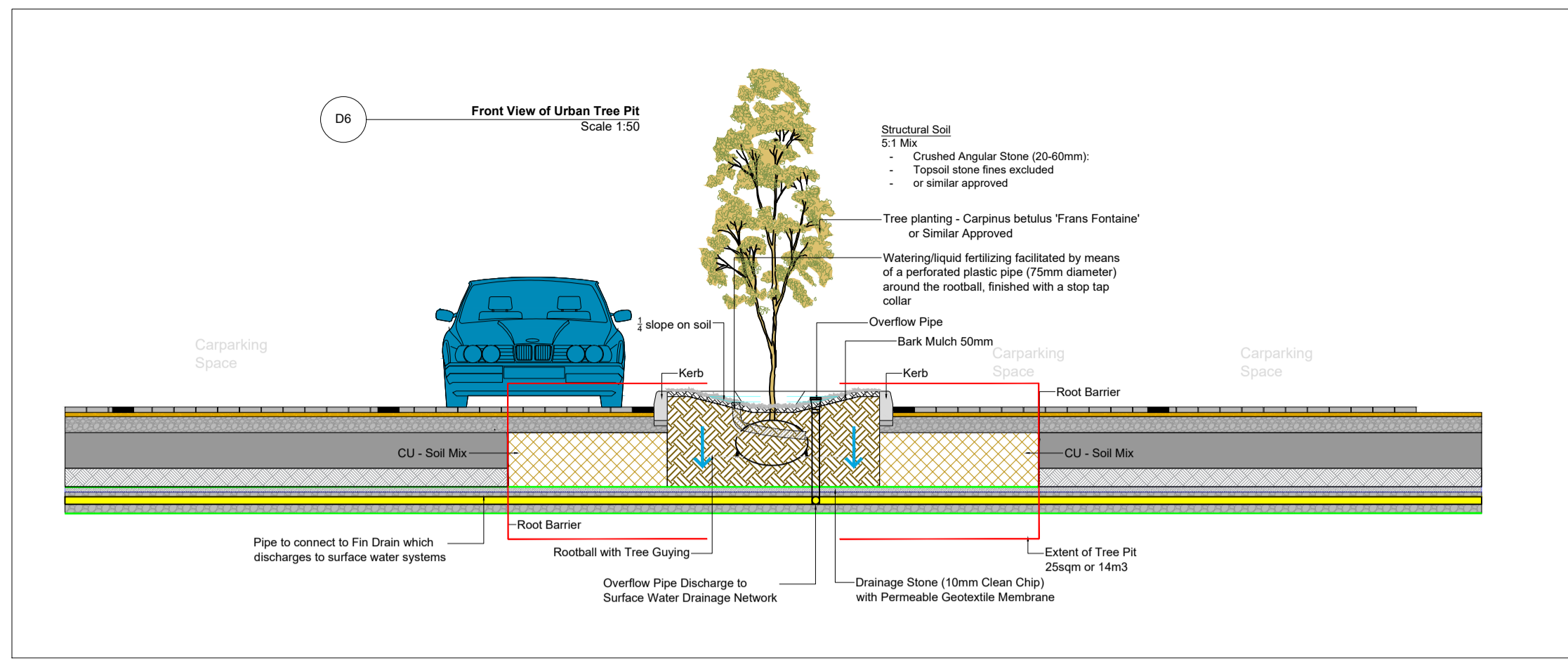
Date: 08/12/2023


REV	DATE	BY	CHECKED	DESCRIPTION
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning



Ronan MacDiarmada + Associates Ltd.
Landscape Architects and Consultants.

5 Tootenhill, Rathcoole, Co. Dublin
tel: +353 1 412 4476 mob: 086 26 25 438
fax: +353 1 401 3748 e-mail: ronan@rmda.ie



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin					Client: South Dublin County Council		Dwg No. 2.5																										
Drawing Title: Tree Pit Details					Job No. 1799		Scale As Shown																										
Date: 08/12/2023					Date: 08/12/2023																												
<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>CHECKED</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>08/12/2023</td> <td>PL</td> <td>RMD</td> <td>Planning</td> </tr> <tr> <td>C</td> <td>28/11/2023</td> <td>PL</td> <td>RMD</td> <td>Planning</td> </tr> <tr> <td>B</td> <td>15/11/2023</td> <td>PL</td> <td>RMD</td> <td>Planning</td> </tr> <tr> <td>A</td> <td>04/10/2023</td> <td>PL</td> <td>RMD</td> <td>Planning</td> </tr> </tbody> </table>					REV	DATE	BY	CHECKED	DESCRIPTION	D	08/12/2023	PL	RMD	Planning	C	28/11/2023	PL	RMD	Planning	B	15/11/2023	PL	RMD	Planning	A	04/10/2023	PL	RMD	Planning	 <p>RMDA LANDSCAPE ARCHITECTS + CONSULTANTS</p>		<p>Ronan MacDiarmada + Associates Ltd. Landscape Architects and Consultants.</p> <p>5 Tootenhill, Rathcoole, Co. Dublin tel: +353 1 412 4476 mob: 086 26 25 438 fax: +353 1 401 3748 e-mail: ronan@rmda.ie</p>	
REV	DATE	BY	CHECKED	DESCRIPTION																													
D	08/12/2023	PL	RMD	Planning																													
C	28/11/2023	PL	RMD	Planning																													
B	15/11/2023	PL	RMD	Planning																													
A	04/10/2023	PL	RMD	Planning																													
This Drawing is Copyright ©																																	



Landscape Detail Area I - sc. 1:250

SOFT LANDSCAPE

Proposed Tree Planting
Street Trees 14-16cm
 T1 *Acer campestre* 'Elsrijk'
 T2 *Pyrus calleryana* 'Chanticleer'
 T3 *Carpinus betulus* 'Fastigiata'
 T4 *Tilia cordata* 'Greenspire'
 T5 *Fagus sylvatica* 'Dawyck' 16-18cm

Open Space 14-16cm
 T6 *Betula pendula*
 T7 *Quercus robur* 'Koster'
 T8 *Prunus avium*
 T9 *Amelanchier lamarckii*

Multistemmed Trees 12-14cm
 T10 *Prunus avium* 'Plena'
 T11 *Malus* 'John Downie'
 T12 *Betula pendula* 'Multi-stem'

G1 Amenity Grass
 300mm min. Topsoil depth

G2 Amenity Grass - Rear Gardens
 300mm topsoil depth

W1 Attenuation Areas: Native Wildflower Seed Mix - Ecotype Range EC05
 Wetland Wild Flora (Seasonally Flooded) is a vigorous, medium tall mixture which can compete with the often fertile wetland soils on which many wetlands are situated. 1.5 grams per metre Species List:
 Devils Bit Scabious, Common Sorrel, Cowslip/Fleabane, Greater Trefoil, Hemp Agrimony, Lesser Knapweed, Marsh Cinquefoil, Marsh Marigold, Meadow Buttercup, Meadowsweet, Meadow Rue, Oxeye Daisy, Purple Loosetrife, Ragged Robin, Red Clover, Red Rattle, Ribwort Plantain, Selfheal, Sneezewort, Tufted Vetch, Water Avens, Wild Angelica, Wild Vervain, Yarrow, Yellow Flag Iris, Yellow Rattle, Red Rattle, Corn Marigold, Corn Poppy, Comcockle, Cornflower, Scentless Mayweed

S1 - Shrub Planting: Edging Buffer
 450mm topsoil depth

Species Name	Specification	Plant/m2
<i>Agapanthus</i> 'Blue Umbrella'	c/g 2L 30-40cm ht.	7m ²
<i>Armeria maritima</i> 'Splendens'	c/g 2L 30-40cm ht.	7m ²
<i>Bergenia cordifolia</i>	c/g 2L 30-40cm ht.	7m ²
<i>Lavandula angustifolia</i> 'Vera'	c/g 2L 30-40cm ht.	7m ²
<i>Perovskia</i> 'Blue Spire'	c/g 2L 30-40cm ht.	7m ²
<i>Schizostylis coccinea</i> 'Sunrise'	c/g 2L 30-40cm ht.	7m ²

S2 - Shrub Planting
 450mm topsoil depth

Species Name	Specification	Plant/m2
<i>Agapanthus africanus</i>	c/g 2L 30-40cm ht.	7m ²
<i>Allium ursinum</i>	c/g P9 20-30cm ht.	7m ²
'Eryngium 'Bowles' Mauve'	c/g 2L 30-40cm ht.	5m ²
<i>Liberia grandiflora</i>	c/g 3L 30-40cm ht.	3m ²
<i>Kniphofia</i> 'Royal Standard'	c/g 2L 30-40cm ht.	7m ²
<i>Tulbaghia violacea</i>	c/g 2L 30-40cm ht.	3m ²

S3 - Tree Pit Shrub Planting

Species Name	Specification	Plant/m2	%
<i>Persicaria affinis</i>	c/g 1L 20-30cm ht.	7m ²	50
<i>Astilbe</i>	c/g 2L 30-40cm ht.	7m ²	5
<i>Iris sibirica</i>	c/g 2L 30-40cm ht.	7m ²	15
<i>Helleborus</i>	c/g 2L 30-40cm ht.	7m ²	10
<i>Kniphofia Red Hot Poker</i>	c/g 2L 30-40cm ht.	7m ²	15
<i>Carex pendula</i>	c/g 2L 30-40cm ht.	7m ²	15

S4 - Swale / Aquatic Planting (Planting will Provide Habitat)
 40% Yellow Flag iris (*Iris pseudacorus*) 2Ltr. 10% Marsh marigold (*Caltha palustris*) 2Ltr.
 10% Water plantain (*Alisma plantago-aquatica*) 2Ltr. 10% Ragged robin (*Lychnis flos-cuculi*) 1Ltr.
 10% Water forget-me-not (*Myosotis scorpioides*) 1Ltr. 10% Brooklime (*Veronica beccabunga*) 1Ltr.
 10% Bogbean (*Menyanthes trifoliata*) 1Ltr.

H1 - Native Hedgerow (450mm topsoil depth / 100cm Double Staggered Row)

Species Name	Specification	Centres
<i>Craetagus monogyna</i>	c/g 2L 40-60cm ht.	500mm
<i>Prunus spinosa</i>	c/g 2L 40-60cm ht.	500mm
'Ilex aquifolium	c/g 2L 40-60cm ht.	500mm
<i>Rosa canina</i>	c/g 2L 40-60cm ht.	500mm
<i>Viburnum opulus</i>	c/g 2L 40-60cm ht.	500mm

H2 - Structural Hedgerow (450mm topsoil depth / 100cm Single Row)

Species Name	Specification	Centres
<i>Prunus lusitanica</i>	100cm ht.	500mm

HARD LANDSCAPE

Beige Tarmac

Feature Paving - Unit Entrance (to Engineer's Specification)
 Paving Dim. 200x100x80mm. Colour silver, with 200mm wide charcoal soldier course border

Feature Paving - to Engineer's Specification)
 Paving Dim. 200x100x80mm. Colour tbc, with 200mm wide charcoal soldier course border

Parking - Permeable Paving
 Hydropave Pavers. Colour: Natural 200 x 100 x 80mm

Concrete Footpath (to Engineer's Specification)
 In-situ concrete with exposed aggregate. Brushed with trowel edge finish

Bicycle Path - Coloured Tarmac

LANDSCAPE FURNITURE / FEATURES

Benches
 Hartecast HC2001S Bench or similar approved

Found Play Elements
 Natural Play Elements - mounding, stepping stones, balance logs, vertical logs, Climbing Rocks as agreed prior to taking in charge

Structured Play Elements
 Multi-age play Elements

Bicycle Parking

Bird/Bat Boxes

BOUNDARY TREATMENT

Feature Stone Wall (2m high)
 or similar approved

Parkland Metal Railing (1.2m high)
 (3 Bar Powder Coated Black) or similar approved.

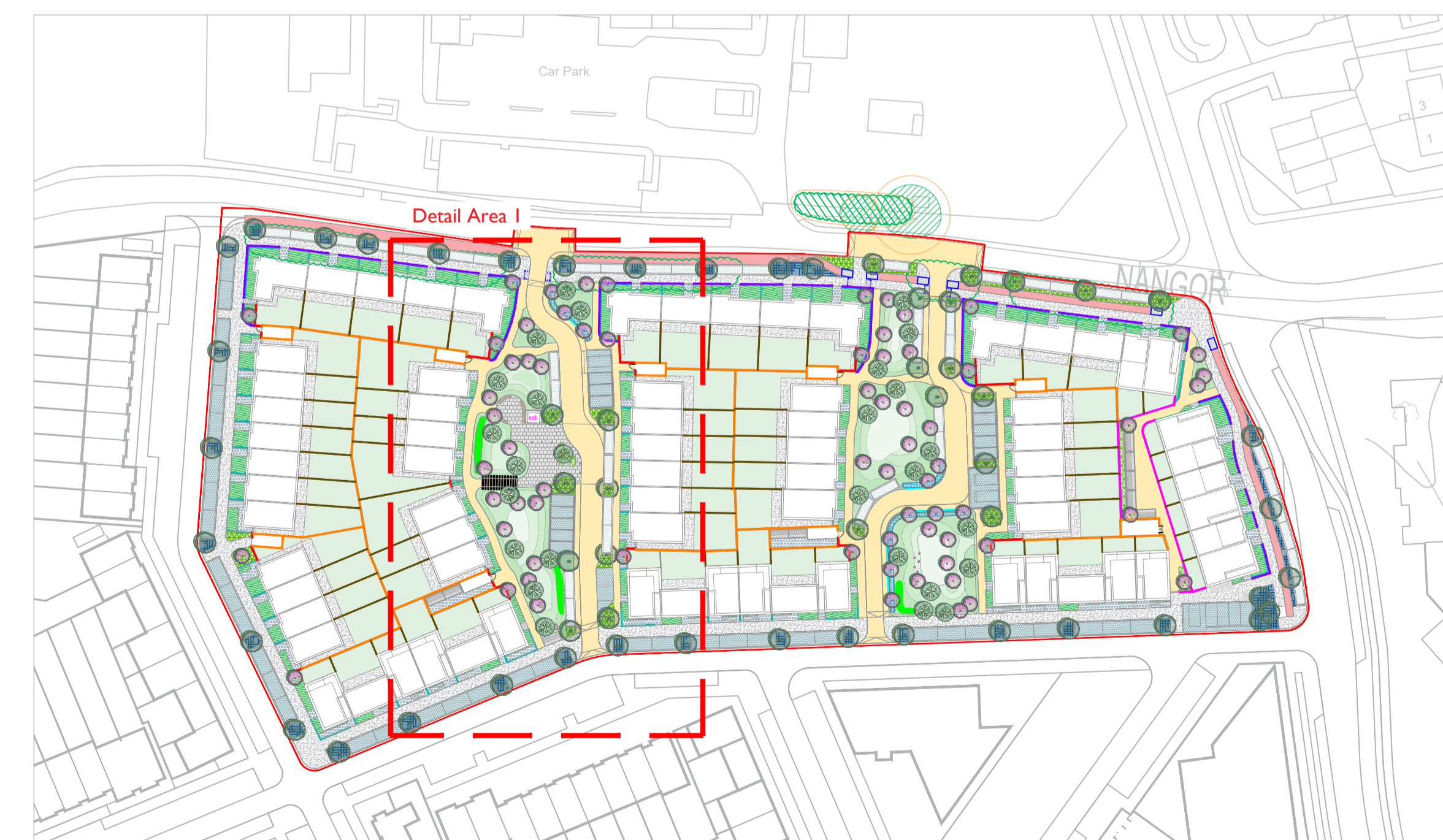
Fair Faced Block Wall with Concrete Capping (2m high)
 or similar approved

Residential Boundary Fence (1.8m high)
 Timber panel & concrete post fence or similar approved

Dash Block Wall with Brick Piers (2m high)
 or similar approved

HARDSCAPE / KERBS

KERB TREATMENT (Dropped Flush)
 TerraKerb (Reconstituted Natural Granite) 900x255x203mm or Similar Approved.



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin

Client: South Dublin County Council

Drawing Title: Detail Area 1

Job No. 1799

Dwg No. 3.1

Scale 1:250

Date 08/12/2023

D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning
REV	DATE	BY	CHECKED	DESCRIPTION

Ronan MacDiarmada + Associates Ltd.
 Landscape Architects and Consultants.

RMDA
 LANDSCAPE ARCHITECTS + CONSULTANTS

5 Tootenhill, Rathcoole, Co. Dublin
 tel: +353 1 412 4476 mob: 086 26 25 438
 fax: +353 1 401 3748 e-mail: ronan@rmda.ie

This Drawing is Copyright ©



SOFT LANDSCAPE

Proposed Tree Planting
Street Trees 14-16cm
 T1 *Acer campestre* 'Elsrijk'
 T2 *Pyrus calleryana* 'Chanticleer'
 T3 *Carpinus betulus* 'Fastigiata'
 T4 *Tilia cordata* 'Greenspire'
 T5 *Fagus sylvatica* 'Davyck' 16-18cm

Open Space 14-16cm
 T6 *Betula pendula*
 T7 *Quercus robur* 'Koster'
 T8 *Prunus avium*^h
 T9 *Amelanchier lamarckii*

Multistemmed Trees 12-14cm
 T10 *Prunus avium* 'Plena'
 T11 *Malus* 'John Downie'^h
 T12 *Betula pendula* 'Multi-stem'

G1 Amenity Grass
 300mm min. Topsoil depth

G2 Amenity Grass - Rear Gardens
 300mm topsoil depth

W1 Attenuation Areas: Native Wildflower Seed Mix - Ecotype Range EC05
 Wetland Wild Flora (Seasonally Flooded) is a vigorous, medium tall mixture which can compete with the often fertile wetland soils on which many wetlands are situated. 1.5 grams per metre

Species List:
Delphinium, *Common Sorrel*, *Cowslip*, *Fleabane*, *Greater Trefoil*, *Hemp Agrimony*, *Lesser Knapweed*, *Marsh Cinquefoil*, *Marsh Marigold*, *Meadow Buttercup*, *Meadowsweet*, *Meadow Rue*, *Oxeye Daisy*, *Purple Loosestrife*, *Ragged Robin*, *Red Clover*, *Red Rattle*, *Ribwort Plantain*, *Selheal*, *Sneezewort*, *Tufted Vetch*, *Water Avens*, *Wild Angelica*, *Wild Valerian*, *Yarrow*, *Yellow Flag Iris*, *Yellow Rattle*, *Red Rattle*, *Corn Marigold*, *Corn Poppy*, *Corncockle*, *Cornflower*, *Scintless Mayweed*

S1 - Shrub Planting: Edging Buffer
 450mm topsoil depth

Species Name	Specification	Plant/m2
<i>Agapanthus</i> 'Blue Umbrella'	c/g 2L 30-40cm ht.	7m ²
<i>Amherstia</i> 'Splendens'	c/g 2L 30-40cm ht.	7m ²
<i>Bergenia</i> 'cordifolia'	c/g 2L 30-40cm ht.	7m ²
<i>Lavandula angustifolia</i> 'Vera'	c/g 2L 30-40cm ht.	7m ²
<i>Perovskia</i> 'Blue Spire'	c/g 2L 30-40cm ht.	7m ²
<i>Schizostylis coccinea</i> 'Sunrise'	c/g 2L 30-40cm ht.	7m ²

S2 - Shrub Planting
 450mm topsoil depth

Species Name	Specification	Plant/m2
<i>Agapanthus africanus</i>	c/g P9 20-30cm ht.	7m ²
<i>Allium ursinum</i>	c/g 2L 30-40cm ht.	5m ²
'Eryngium 'Bowles' Mauve'	c/g 3L 30-40cm ht.	3m ²
<i>Liberia grandiflora</i>	c/g 2L 30-40cm ht.	7m ²
<i>Tulbaghia violacea</i>	c/g 2L 30-40cm ht.	3m ²

S3 - Tree PH Shrub Planting

Species Name	Specification	Plant/m2	%
<i>Panicum affine</i>	c/g 1L 20-30cm ht.	7m ²	50
<i>Astilbe</i>	c/g 2L 30-40cm ht.	7m ²	5
<i>Iris sibirica</i>	c/g 2L 30-40cm ht.	7m ²	15
<i>Helianthus</i>	c/g 2L 30-40cm ht.	7m ²	10
<i>Kniphofia Red Hot Poker</i>	c/g 2L 30-40cm ht.	7m ²	15
<i>Carex pendula</i>	c/g 2L 30-40cm ht.	7m ²	15

S4 - Swale / Aquatic Planting (Planting will Provide Habitat)
 40% Yellow Flag Iris (*Iris pseudacorus*) 2Ltr.
 10% Water plantain (*Alisma plantago-aquatica*) 2Ltr.
 10% Ragged robin (*Lychnis flos-cuculi*) 1Ltr.
 10% Bogbeam (*Menyanthes trifoliata*) 1Ltr.
 10% Marsh marigold (*Caltha palustris*) 2Ltr.
 10% Brooklime (*Veronica beccabunga*) 1Ltr.

H1 - Native Hedgerow (450mm topsoil depth / 100cm Double Staggered Row)

Species Name	Specification	Centres
<i>Craetagus monogyna</i>	c/g 2L 40-60cm ht.	500mm
<i>Prunus spinosa</i>	c/g 2L 40-60cm ht.	500mm
<i>Ilex aquifolium</i>	c/g 2L 40-60cm ht.	500mm
<i>Rosa canina</i>	c/g 2L 40-60cm ht.	500mm
<i>Viburnum opulus</i>	c/g 2L 40-60cm ht.	500mm

H2 - Structural Hedgerow (450mm topsoil depth / 100cm Single Row)

Species Name	Specification	Centres
<i>Prunus lusitanica</i>	100cm ht.	500mm

HARD LANDSCAPE

Beige Tarmac

Feature Paving - Unit Entrance (to Engineer's Specification)
 Paving Dim. 200x100x80mm. Colour silver, with 200mm wide charcoal soldier course border

Feature Paving - to Engineer's Specification)
 Paving Dim. 200x100x80mm. Colour tbc, with 200mm wide charcoal soldier course border

Parking - Permeable Paving
 Hydropave Pavers. Colour: Natural 200 x 100 x 80mm

Concrete Footpath (to Engineer's Specification)
 In-situ concrete with exposed aggregate. Brushed with trowel edge finish

Bicycle Path - Coloured Tarmac

LANDSCAPE FURNITURE / FEATURES

Benches
 Hartecast HC2001S Bench or similar approved

Found Play Elements
 Natural Play Elements - mounding, stepping stones, balance logs, vertical logs, Climbing Rocks as agreed prior to taking in charge

Structured Play Elements
 Multi-age play Elements

Bicycle Parking

Bird/Bat Boxes

BOUNDARY TREATMENT

Feature Stone Wall (2m high)
 or similar approved

Parkland Metal Railing (1.2m high)
 (3 Bar Powder Coated Black) or similar approved.

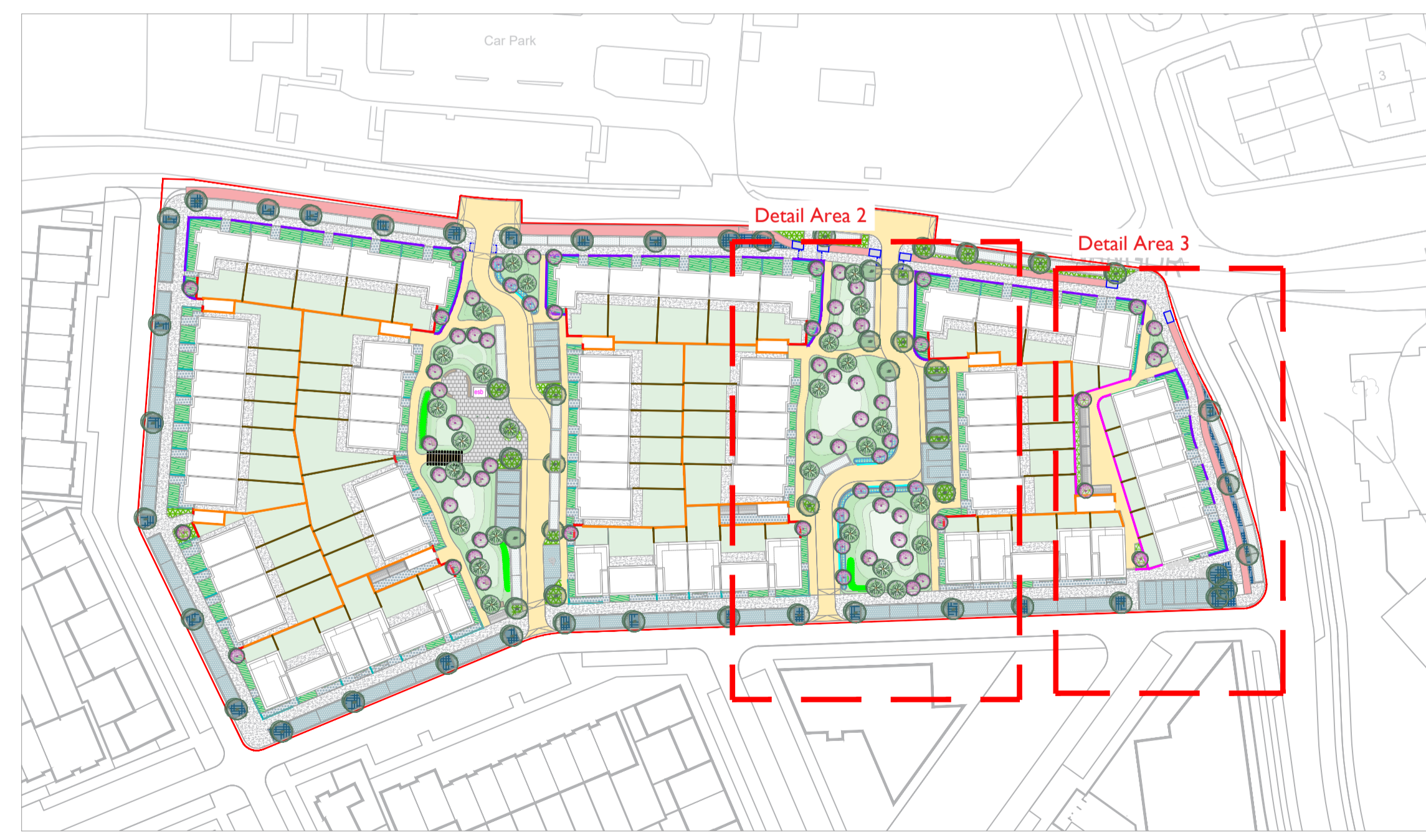
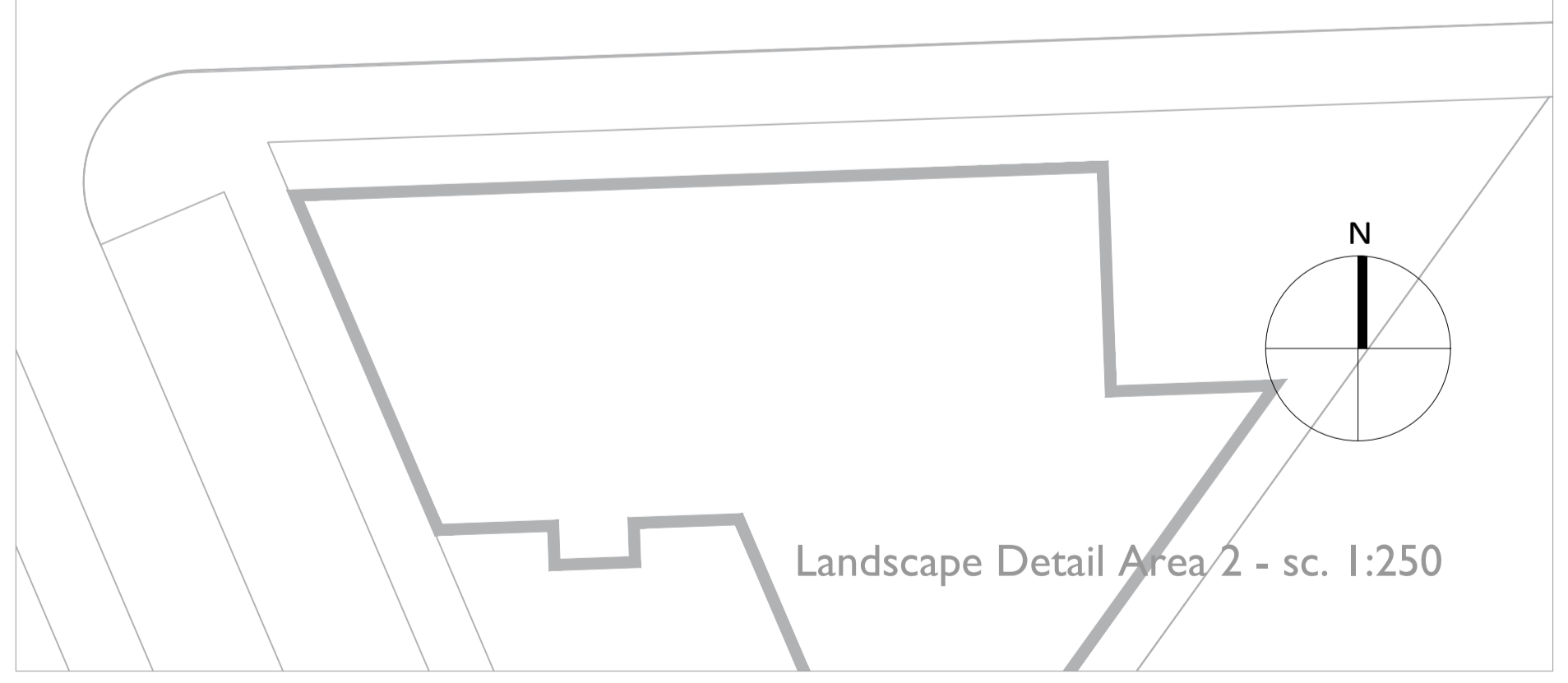
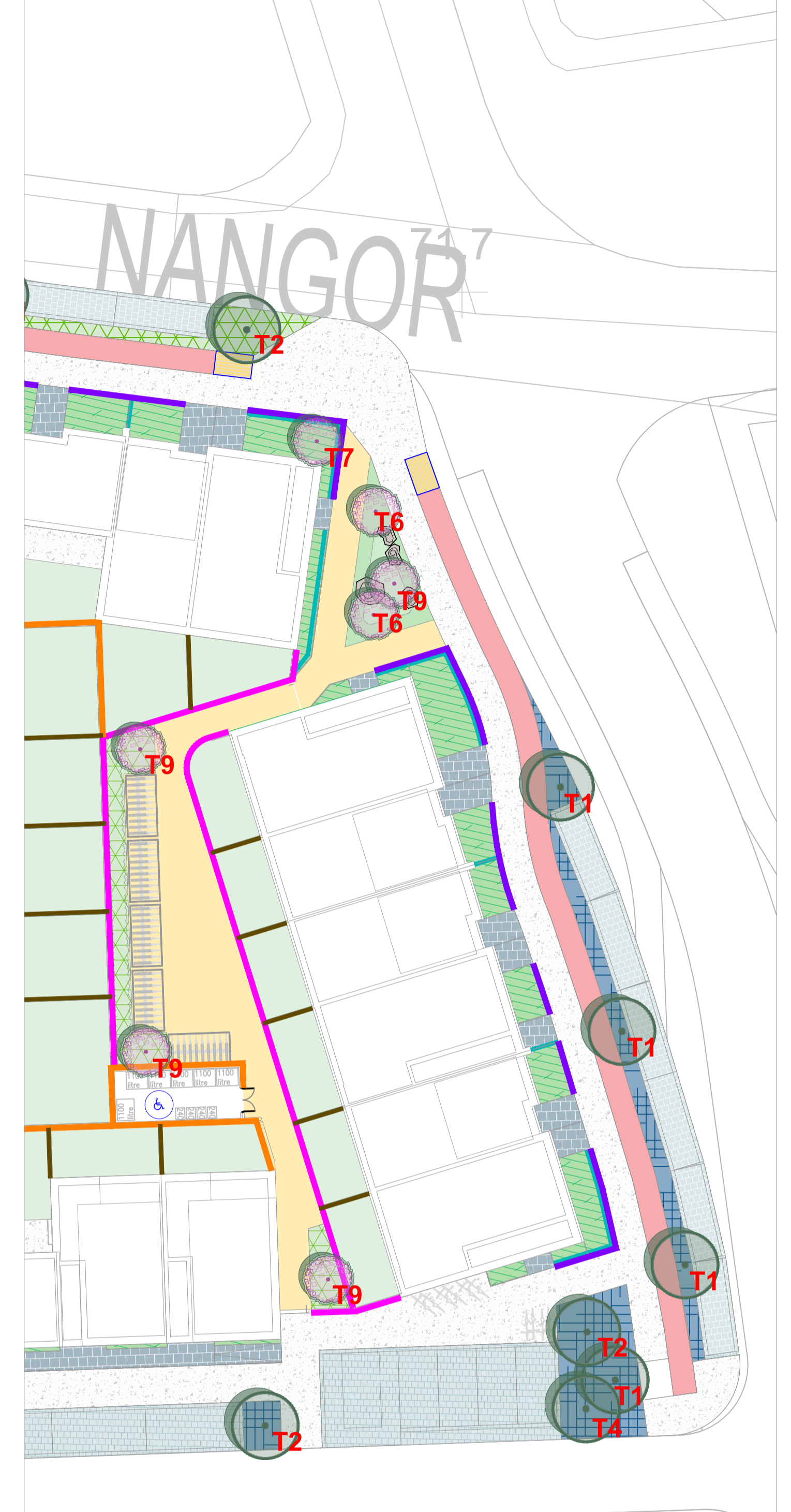
Fair Faced Block Wall with Concrete Capping (2m high)
 or similar approved

Residential Boundary Fence (1.8m high)
 Timber panel & concrete post fence or similar approved

Dash Block Wall with Brick Piers (2m high)
 or similar approved

HARDSCAPE / KERBS

KERB TREATMENT (Dropped Flush)
 TerraKerb (Reconstituted Natural Granite) 900x255x203mm or Similar Approved.



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin

Client: South Dublin County Council Dwg No. 3.2

Drawing Title: Detail Area 2 & 3 Scale: 1:250

Job No. 1799 Date: 08/12/2023

D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning

REV DATE BY CHECKED DESCRIPTION

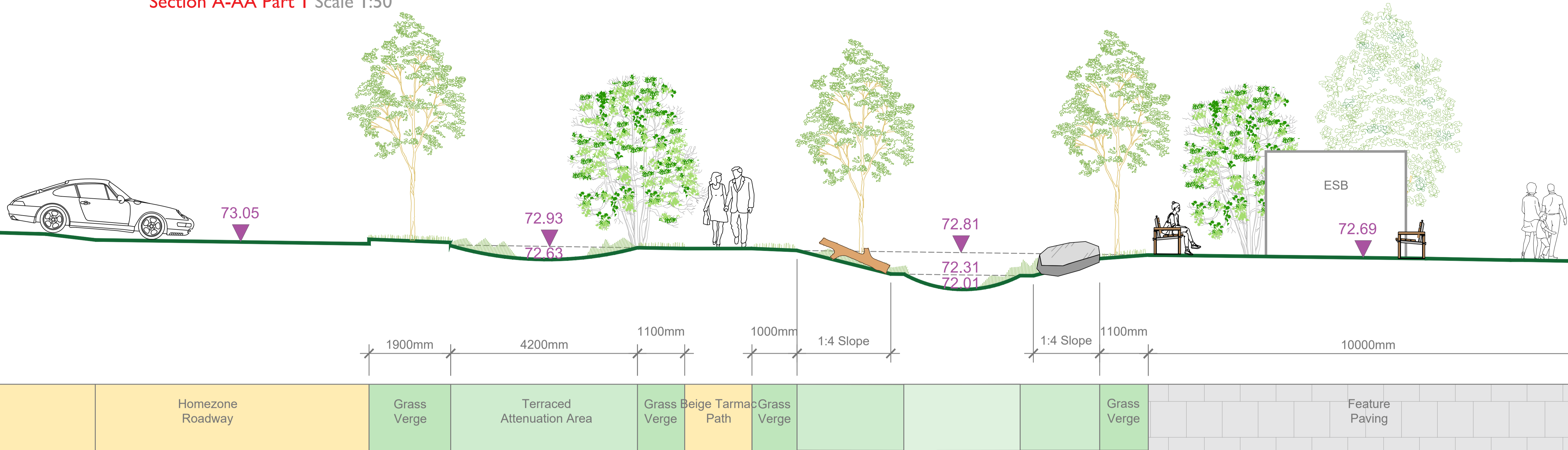
RMDA
 LANDSCAPE ARCHITECTS + CONSULTANTS

Ronan MacDiarmada + Associates Ltd.
 Landscape Architects and Consultants.

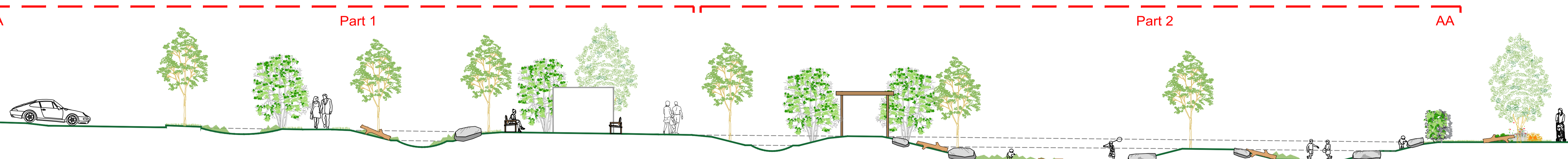
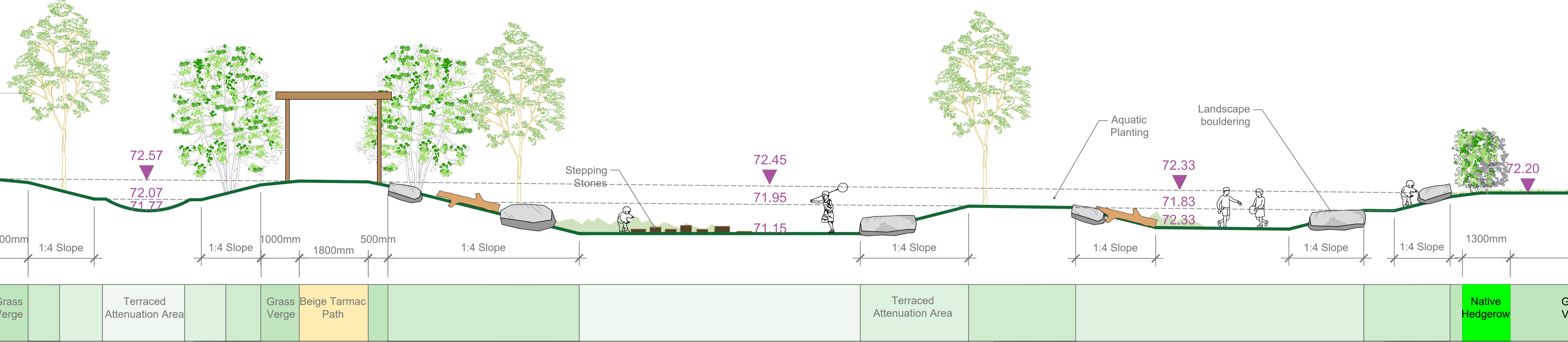
5 Tootenhill, Rathcoole, Co. Dublin
 tel: +353 1 412 4476 mob: 086 26 25 438
 fax: +353 1 401 3748 e-mail: ronan@rmda.ie

This Drawing is Copyright ©

Section A-AA Part 1 Scale 1:50



Section A-AA Part 2 Scale 1:50

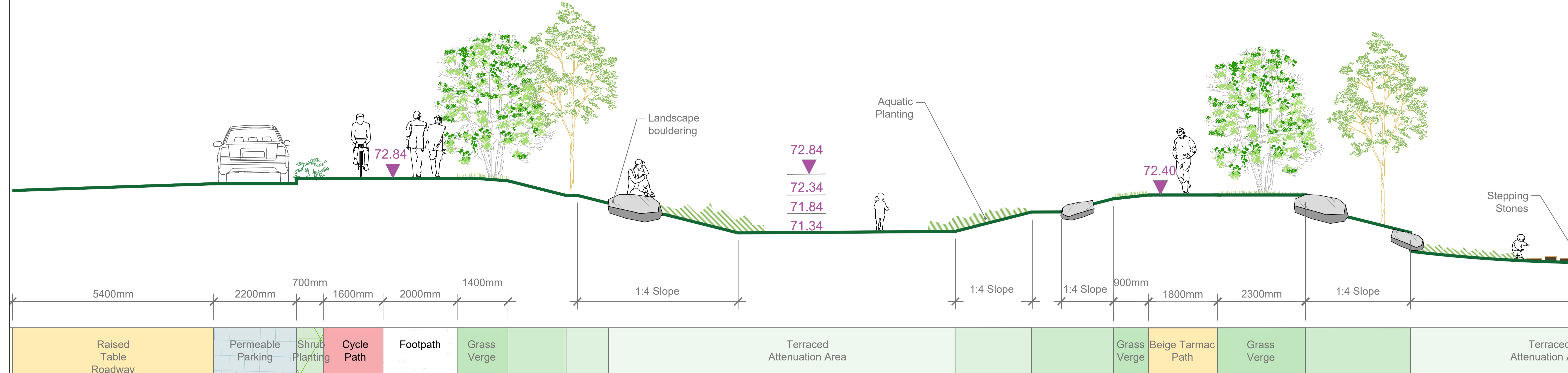


Section A-AA Through P.O.S. Scale 1:100

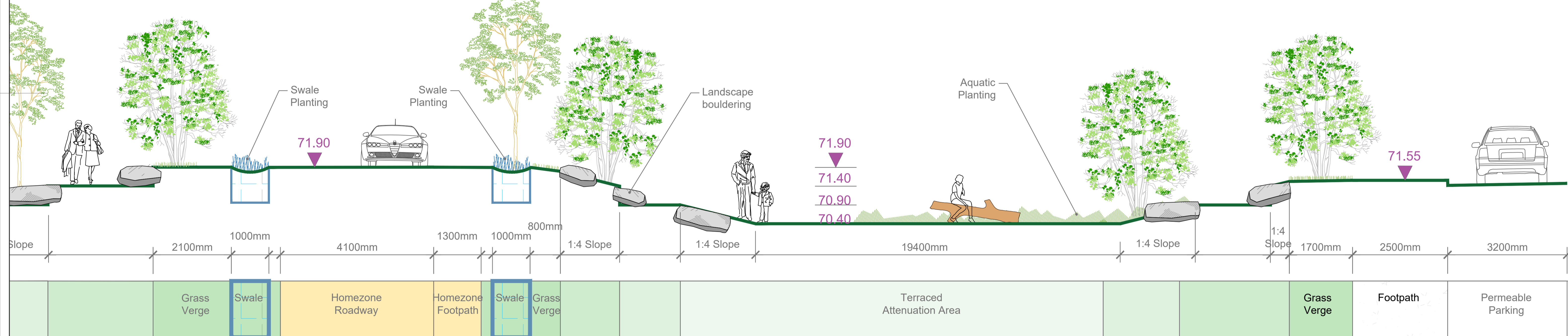


Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin				Client: South Dublin County Council	Dwg No. 4.1
Drawing Title: Section A-AA				Scale: 1:50 / 1:100	
Job No. 1799				Date: 08/12/2023	
 Ronan MacDiarmada + Associates Ltd. Landscape Architects and Consultants.					
5 Tootenhill, Rathcoole, Co. Dublin tel: +353 1 412 4476 mob: 086 26 25 438 fax: +353 1 401 3748 e-mail: ronan@rmda.ie					
This Drawing is Copyright ©					

Section B-BB Part I Scale 1:50

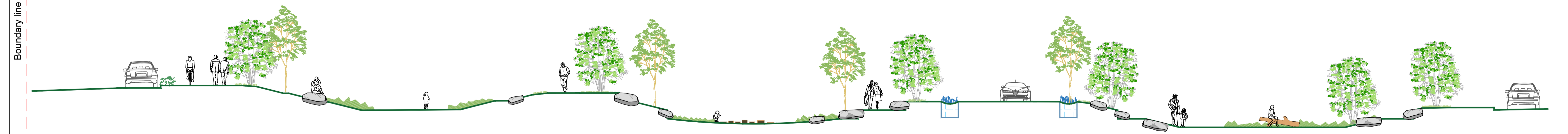


Section B-BB Part 2 Scale 1:50

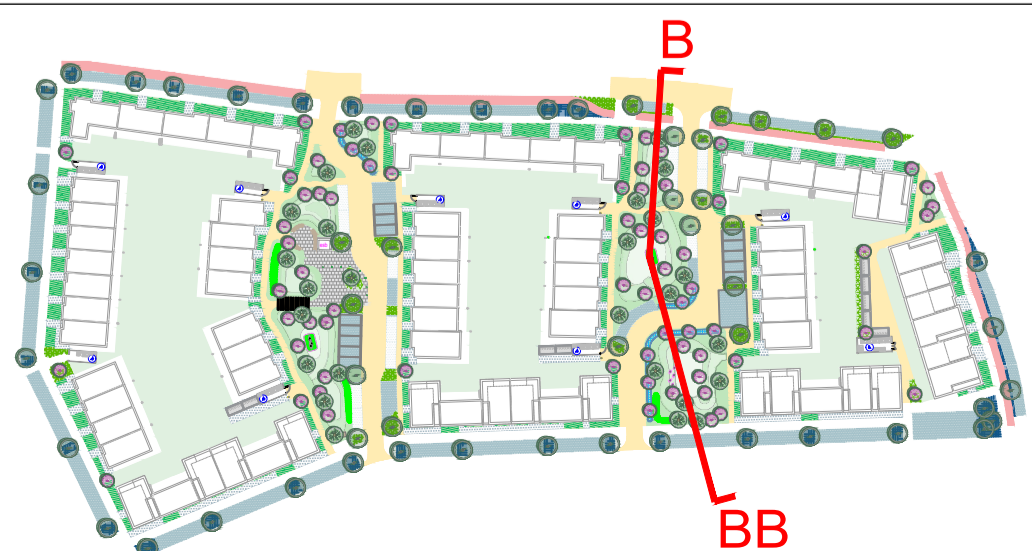


Part 1

Part 2

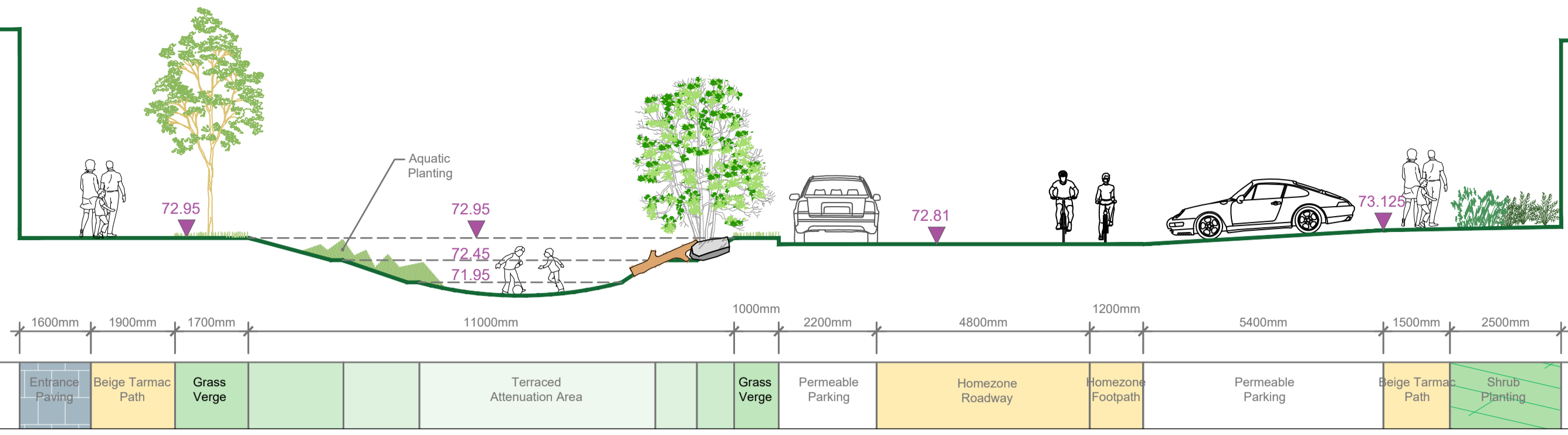


Section B-BB Through P.O.S. Scale 1:100

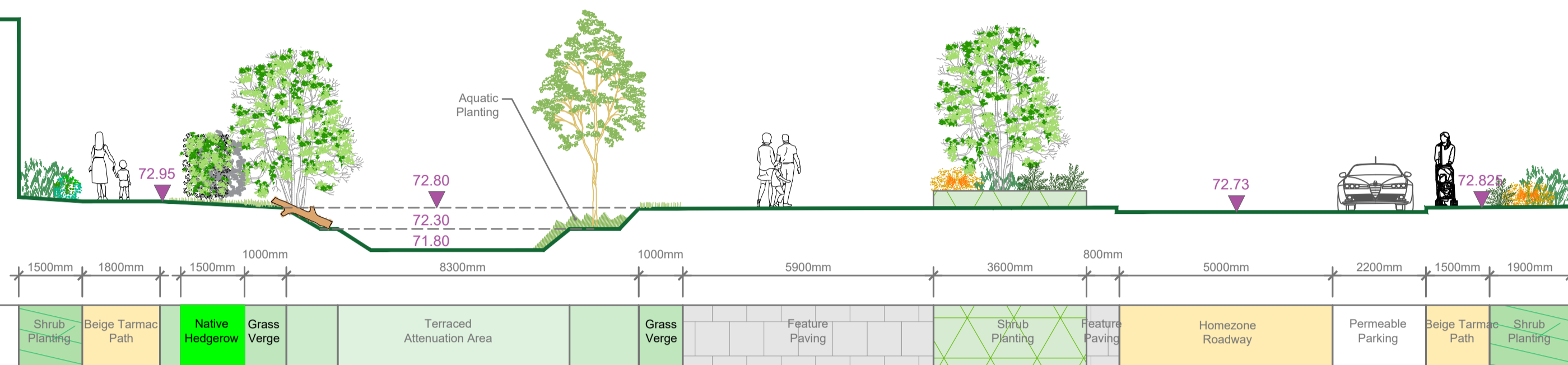


Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin					Client: South Dublin County Council		Dwg No. 4.2	
Drawing Title: Section B-BB					Scale: 1:50 / 1:100			
Job No. 1799					Date: 08/12/2023			
RMDA LANDSCAPE ARCHITECTS + CONSULTANTS					Ronan MacDiarmada + Associates Ltd. Landscape Architects and Consultants.			
5 Tootenhill, Rathcoole, Co. Dublin tel: +353 1 412 4476 mob: 086 26 25 438 fax: +353 1 401 3748 e-mail: ronan@rmda.ie					This Drawing is Copyright ©			
REV	DATE	BY	CHECKED	DESCRIPTION				
D	08/12/2023	PL	RMD	Planning				
C	28/11/2023	PL	RMD	Planning				
B	15/11/2023	PL	RMD	Planning				
A	04/10/2023	PL	RMD	Planning				

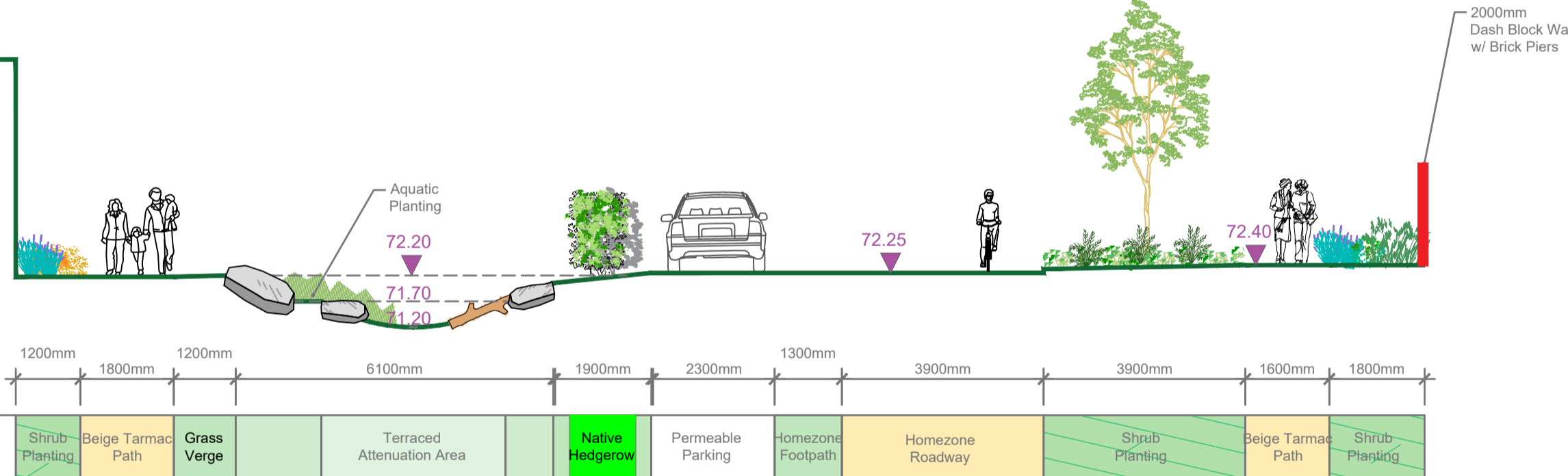
Section C-C' Scale 1:100



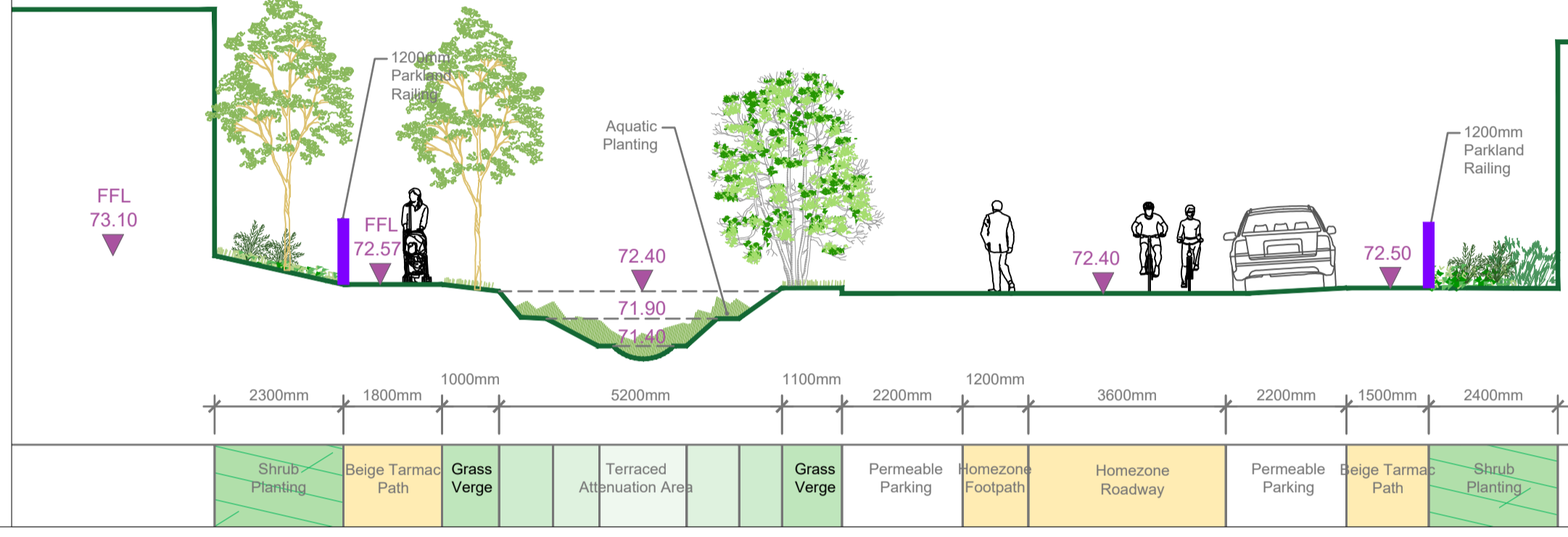
Section D-D' Scale 1:100



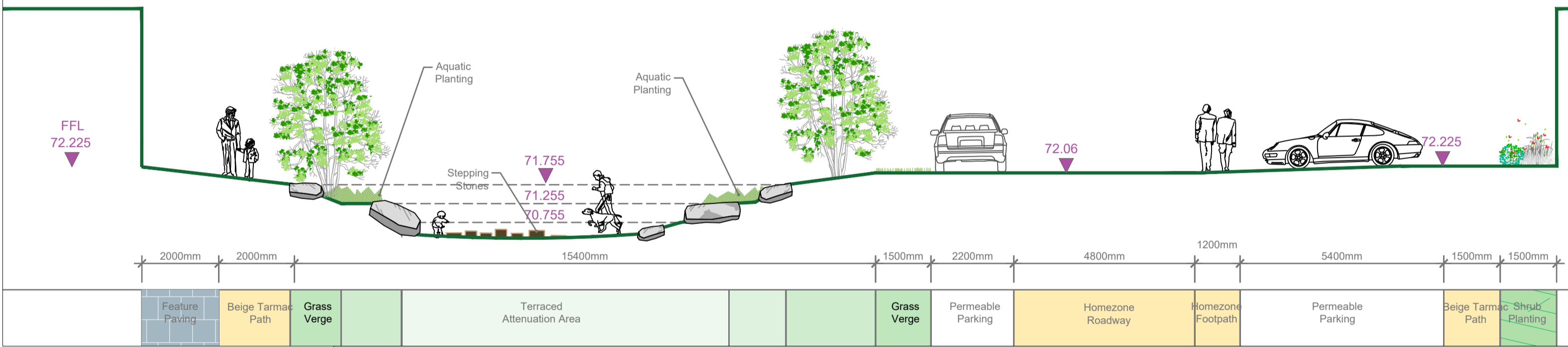
Section E-E' Scale 1:100



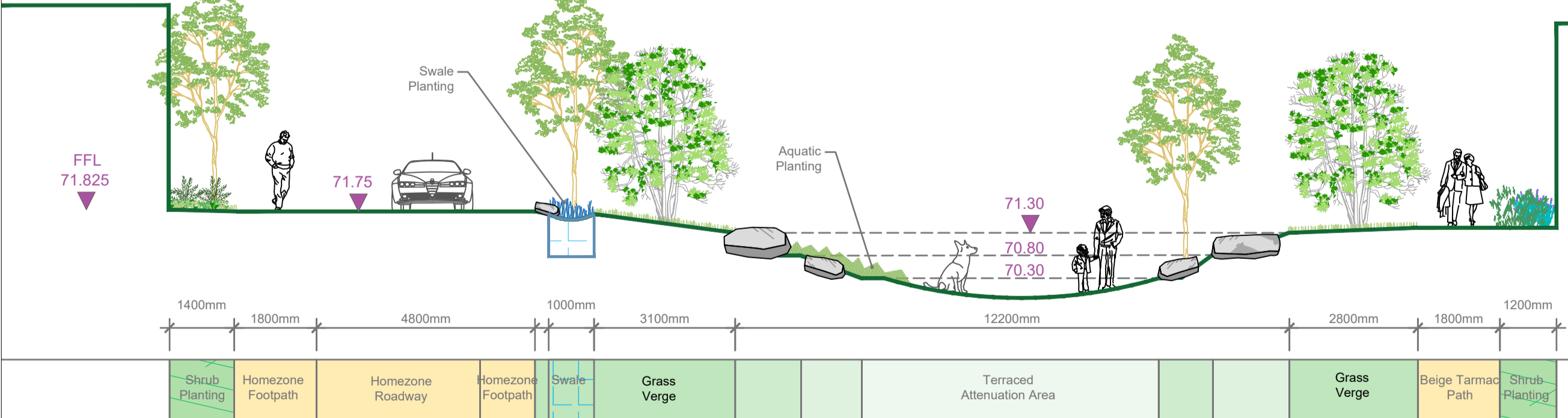
Section F-F' Scale 1:100



Section G-G' Scale 1:100



Section H-H' Scale 1:100



Project Title: Residential Development at Kilcarbery, Clondalkin, South Dublin

REV	DATE	BY	CHECKED	DESCRIPTION
D	08/12/2023	PL	RMD	Planning
C	28/11/2023	PL	RMD	Planning
B	15/11/2023	PL	RMD	Planning
A	04/10/2023	PL	RMD	Planning

Client: South Dublin County Council Dwg No. 4.3
 Drawing Title: Section Landscape Sections C, D, E, F, G, H Scale 1:50 / 1:100
 Job No. 1799 Date 08/12/2023



Ronan MacDiarmada + Associates Ltd.
 Landscape Architects and Consultants.
 5 Tootenhill, Rathcoole, Co. Dublin
 tel: +353 1 412 4476 mob: 086 26 25 438
 fax: +353 1 401 3748 e-mail: ronan@rmda.ie