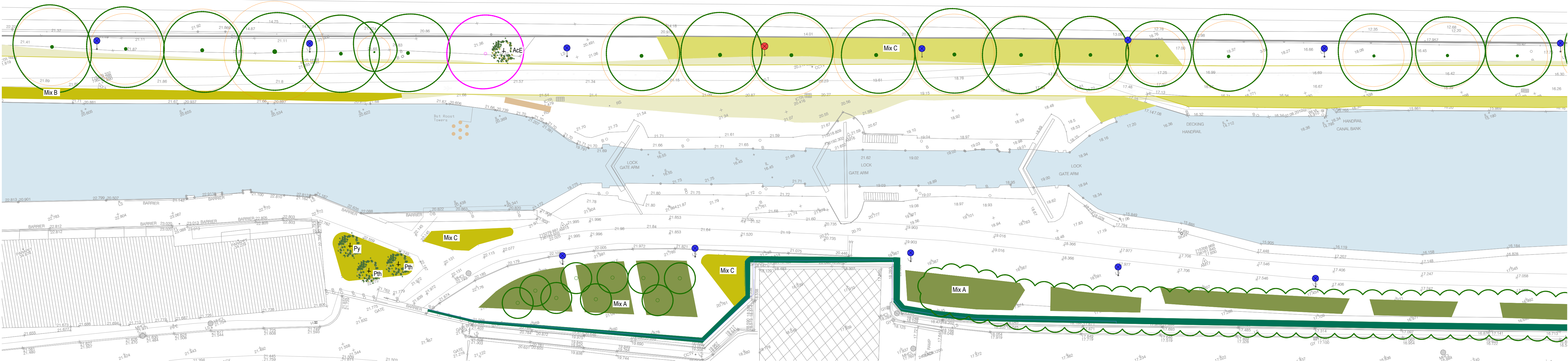
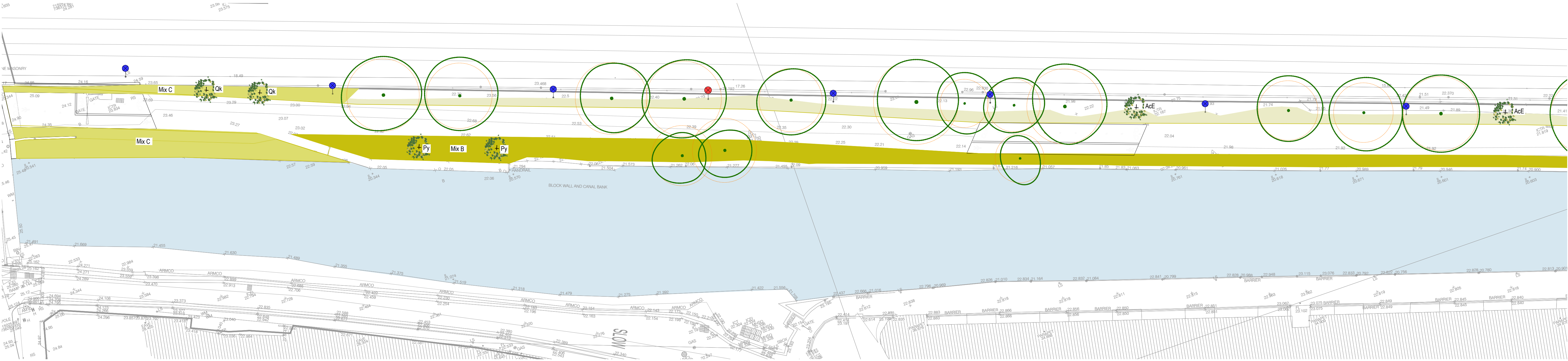




	3rd Floor Neerampal House, Newmarket House, Duttin B Duttin P. + 933 86 1736522 www.ait-urbanism.co	ISSUE STATUS: COMPLIANCE		
		DRAWING NO: 22D12-DR-400	REVISION: -	
CLIENT: NTA & DCC		DRAWN BY: MF		CHECKED BY: RJ
PROJECT: Royal Canal Greenway		1st ISSUE: 22.12.2022		
DRAWING: Soft Landscape - Key Plan		PROJECT NO: 220312	SCALE: 1:1000	SHEET SIZE: A1



LEGEND

Mix A: Trees Under-storey Planting

35% Area	Symphoricarpos chenaultii hancock	4m2	min 3L pot, min 300mm high; min 300mm breadth
25% Area	Dryopteris filix-mas	4m2	min 5L pot, min 500mm high; min 500mm breadth
20% Area	Luzula sylvatica	4m2	min 3L pot, min 300mm high; min 300mm breadth
20% Area	Vincetoxicum	7m2	min 3L pot, min 300mm high; min 300mm breadth

• Allium ursinum, Fritillaria meleagris, Hyacinthoides non-scripta, Galanthus nivalis, Lilium martagon 3 per every 1m2 high quality bulb

Grass Planting and Bulbs

This mix should be suitable for occasional cutting (every 6 weeks approx. from March - October) and should therefore incorporate predominantly low growing or creeping species. Seed should be of island of Ireland provenance (harvested from Irish growers). The seed mix should contain a selection of the following:

Sowing Rate: 5gr / sqm

Ratio of Grass seed to Wildflower seed: 70:30

Grasses: Creeping Bent (Agrostis stolonifera) Meadow Fescue (Festuca pratensis) Red Fescue (Festuca rubra) Timothy (Phleum pratense)

Wildflowers: Lady's Bedstraw (Galium verum) Bugle (Ajuga reptans) Meadow Buttercup (Ranunculus acris) Wild Chamomile (Chamaemelum nobile)

Bulb Mix (5 bulb types combined in equal proportions, planted 25 bulbs / m²)

Allium c. vars, Crocus spp c. vars, Galanthus nivalis, Narcissus c vars (3 approx), Fritillaria meleagris

Bulb coverage to amount to 50% of the overall area for this mix.

Mix B: Canal Bank Phase III

Lawn / Meadow Planting and Bulbs

This mix should be suitable for occasional cutting (Once to twice a year, outside of bird nesting season) and should therefore incorporate predominantly low growing or creeping species. Seed should be of island of Ireland provenance (harvested from Irish growers). The seed mix should contain a selection of the following:

Sowing Rate: 5gr / sqm

Ratio of Grass seed to Wildflower seed: 70:30

Grasses: Creeping Bent (Agrostis stolonifera) Meadow Fescue (Festuca pratensis) Red Fescue (Festuca rubra) Timothy (Phleum pratense)

Wildflowers: Lady's Bedstraw (Galium verum) Bugle (Ajuga reptans) Meadow Buttercup (Ranunculus acris) Wild Chamomile (Chamaemelum nobile)

Bulb Mix (5 bulb types combined in equal proportions, planted 25 bulbs / m²)

Allium c. vars, Crocus spp c. vars, Galanthus nivalis, Narcissus c vars (3 approx), Fritillaria meleagris

Mix C: Biodiversity Meadow Flowers and Bulbs

— Annual & Perennial Mix (high aesthetic impact in year 1 with the annuals & high nectar perennials subsequent years);

— Nectar rich native species to support local insects

— Seed mixtures to be agreed, but to include these perennials as a minimum:

Bird's-foot trefoil	Devil's Bit	Scabious	Field Scabious	Knapweed
Lady's Bedstraw	Meadowsweet	Oxeye Daisy	Scabious	Purple Loosestrife
Ragged Robin	Red Clover	Self-heal	Self-heal	Yellow Rattle
Vetches				

Bulb Mix - bulbs mixed in randomly spread groups (5 bulb types combined in equal proportions, planted 25 bulbs / m²)

Allium c. vars, Crocus spp c. vars, Galanthus nivalis, Narcissus c vars (3 approx), Fritillaria meleagris

Semi Mature Tree Planting

AcE Acer campestre 'Elsrijk', 20-25 cmg, min 5m high

Ok Quercus robur 'Koster', 20-25 cmg, min 5m high

Bp Prunus Tai haku, min 25-30 cmg, min 5m high; min 1.8m clear stem; straight leader; symmetrical crown

Py Prunus x yedoensis, min 30-35cm girth; min 5m high; min 2m clear stem; symmetrical crown

Native hedgerow - space transplants at 500mm centres

(Bare root accepted if available)

30% 0.9 - 1.2m. ht. Crataegus monogyna

30% 0.9 - 1.2m. ht. Ilex aquifolium

30% 0.9 - 1.2m. ht. Prunus spinosa

10% 0.9 - 1.2m. ht. Viburnum opulus

4 Plants Per Linear Metre

Existing Public Lighting

Existing Trees

Trees to be removed

Root Protection Area

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ISSUE STATUS:

COMPLIANCE

DRAWING NO:
22D12-DR-401

REVISION:
-

CLIENT: NTA & DCC

PROJECT: Royal Canal Greenway

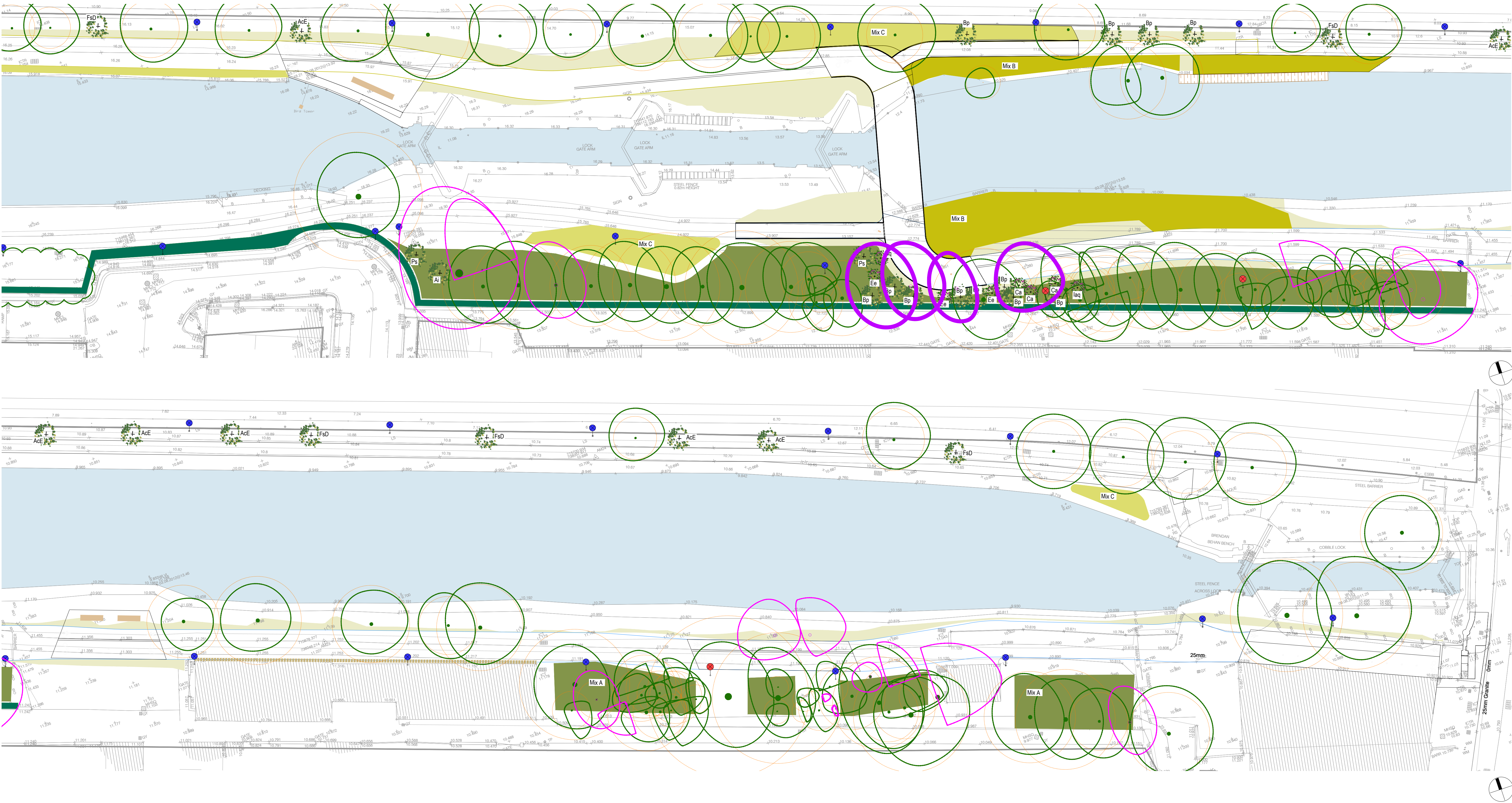
DRAWING: Soft Landscape Plan 1 of 4

SCALE: 1:250

SHEET SIZE: A1

CHECKED BY: RJ

NORTH



LEGEND

Mix A: Trees Under-storey Planting				
36% Area	Symphoricarpos chenaullii hancock	4m2	min 3L pot; min 300mm high; min 300mm breadth	
25% Area	Dryopteris filix-mas	4m2	min 5L pot; min 500mm high; min 300mm breadth	
20% Area	Luzula sylvatica	4m2	min 3L pot; min 300mm high; min 300mm breadth	
20% Area	Vinca Minor	7m2	min 3L pot; min 300mm high; min 300mm breadth	
	Allium ursinum, Fritillaria meleagris, Hyacinthoides non-scripta, Galanthus nivalis, Lilium martagon	3 per every 1m2	high quality bulb	

Grass Planting and Bulbs

This mix should be suitable for occasional cutting (every 6 weeks approx. from March - October) and should therefore incorporate predominantly low growing or creeping species. Seed should be of Island of Ireland provenance (harvested from Irish growers). The seed mix should contain a selection of the following:

Sowing Rate: 5gr / sqm

Ratio of Grass seed to Wildflower seed: 70:30

Grasses: Creeping Bent (Agrostis stolonifera) Meadow Fescue (Festuca pratensis) Red Fescue (Festuca rubra) Timothy (Phleum pratense)

Wildflowers: Lady's Bedstraw (Galium verum) Bugle (Ajuga reptans) Meadow Buttercup (Ranunculus acris) Wild Chamomile (Chamaemelum nobile) Red Clover (Trifolium pratense) Cowslip (Primula veris) Oxeye Daisy (Leucanthemum vulgare) Smooth Hawkbit (Leontodon saxatilis) Ribwort Plantain (Plantago lanceolata) Quaking Grass (Briza media)

Selfheal (Prunella vulgaris) Sorrel (Rumex acetosa) Birdfoot Trefoil (Lotus corniculatus) Yarrow (Achillea millefolium) Kidney Vetch (Anthyllus vulneraria)

Bulb Mix (5 bulb types combined in equal proportions, planted 25 bulbs / m²)

Allium c. vars, Crocus spp c. vars, Galanthus nivalis, Narcissus c vars (3 approx), Fritillaria meleagris

Bulb coverage to amount to 50% of the overall area for this mix.

Mix B: Canal Bank Phase III

Lawn / Meadow Planting and Bulbs

This mix should be suitable for occasional cutting (Once to twice a year, outside of bird nesting season) and should therefore incorporate predominantly low growing or creeping species.

Seed should be of Island of Ireland provenance (harvested from Irish growers). The seed mix should contain a selection of the following:

Sowing Rate: 5gr / sqm

Ratio of Grass seed to Wildflower seed: 70:30

Grasses: Creeping Bent (Agrostis stolonifera) Meadow Fescue (Festuca pratensis) Red Fescue (Festuca rubra) Timothy (Phleum pratense)

Wildflowers: Lady's Bedstraw (Galium verum) Bugle (Ajuga reptans) Meadow Buttercup (Ranunculus acris) Wild Chamomile (Chamaemelum nobile) Red Clover (Trifolium pratense) Cowslip (Primula veris) Oxeye Daisy (Leucanthemum vulgare) Smooth Hawkbit (Leontodon saxatilis) Ribwort Plantain (Plantago lanceolata) Quaking Grass (Briza media) Selfheal (Prunella vulgaris) Sorrel (Rumex acetosa) Birdfoot Trefoil (Lotus corniculatus) Yarrow (Achillea millefolium) Kidney Vetch (Anthyllus vulneraria)

Bulb Mix (5 bulb types combined in equal proportions, planted 25 bulbs / m²)

Allium c. vars, Crocus spp c. vars, Galanthus nivalis, Narcissus c vars (3 approx), Fritillaria meleagris

Mix C: Biodiversity Meadow Flowers and Bulbs

- Annual & Perennial Mix (high aesthetic impact in year 1 with the annuals & high nectar perennials subsequent years);
- Nectar rich native species to support local insects
- Seed mixtures to be agreed, but to include these perennials as a minimum:

Bird's-foot trefoil	Devil's Bit	Scabious	Field Scabious	Knapweed
Lady's Bedstraw	Meadowweet	Oxeye Daisy	Purple Loosestrife	Yellow Rattle
Ragged Robin	Red Clover	Self Heel		
Vetches				

Bulb Mix - bulbs mixed in randomly spread groups

(5 bulb types combined in equal proportions, planted 25 bulbs / m²)

Allium c. vars, Crocus spp c. vars, Galanthus nivalis, Narcissus c vars (3 approx), Fritillaria meleagris

Semi Mature Tree Planting

AcE	Acer campestre 'Elsrijk', 20-25 cmg, min 5m high
AI	Quercus robur 'Koster', 20-25 cmg, min 5m high
Bp	Betula pendula, 20-25 cmg, min 5m high
FsD	Fagus sylvatica 'Dawson Purple', 20-25 cmg, min 5m high
Qk	Quercus robur 'Koster', 20-25 cmg, min 5m high
Ps	Pinus sylvestris, 20-25 cmg, min 5m high

Native hedgerow - Planting Detail a variation on Detail 06 DR-670 - space transplants at 500mm centres

(Bare root accepted if available)
30% 0.9 - 1.2m. ht. Crataegus monogyna
30% 0.9 - 1.2m. ht. Ilex aquifolium
30% 0.9 - 1.2m. ht. Prunus spinosa
10% 0.9 - 1.2m. ht. Viburnum opulus
4 Plants Per Linear Metre

Small Tree Planting and Shrubs

Ca	Corylus avellana,	50 ltr.
Ee	Euonymus europaeus,	50 ltr.
Ia	Ilex aquifolium,	50 ltr.

Existing Trees

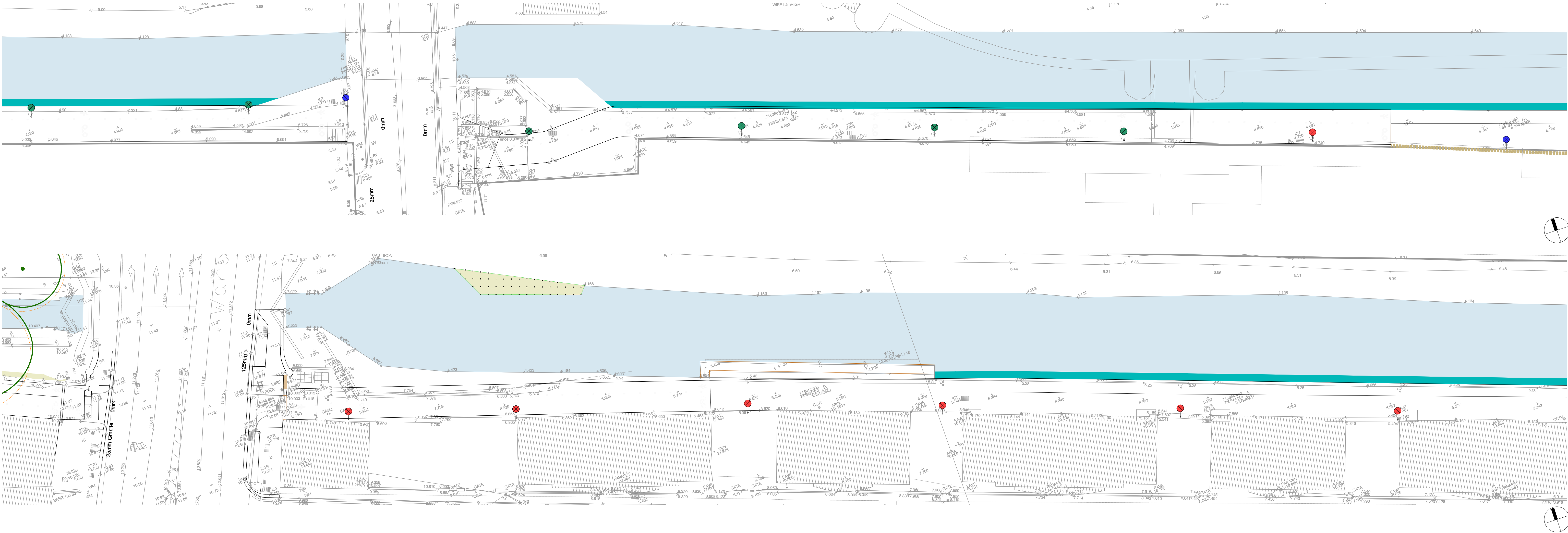
Root Protection Area

Trees to be removed

Existing Public Lighting

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	DRAWING NO: 22D12-DR-402		REVISION: -		
	CLIENT: NTA & DCC				
	PROJECT: Royal Canal Greenway				
	DRAWING: Soft Landscape Plan 2 of 4				
DRAWN BY: MF		1st ISSUE: 22.12.2022		NORTH	
PROJECT NO: 22D12		SCALE: 1:250		SHEET SIZE: A1	
				CHECKED BY: RJ	



LEGEND

Waterside planting - Coir Rolls

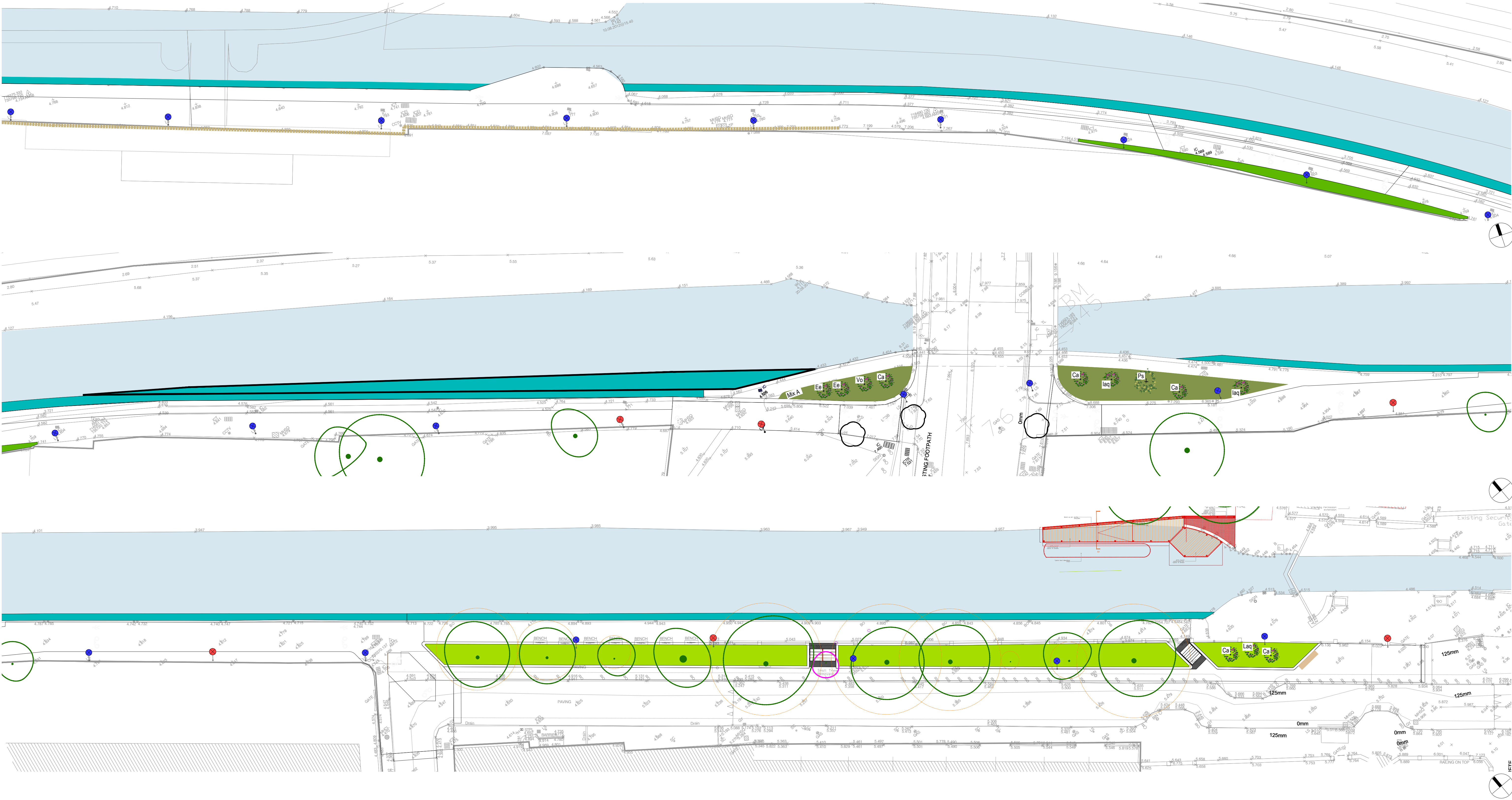
Carex acutiformis (Lesser Pond Sedge), *Juncus effusus* (Soft Rush), *Lythrum salicaria* (Purple Loosestrife),
Iris pseudacorus (Yellow Flag Iris), *Phalaris arundinacea* (Reed Canary Grass), *Typha angustifolia* (Lesser Bullrush)

Existing Public Lighting

NOTES: Planning Ref. 2870-15 Sub06

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CLIENT: NTA & DCC		DRAWING NO: 22D12-DR-403		REVISION: -	
PROJECT: Royal Canal Greenway		DRAWN BY: MF	1st ISSUE: 22.12.2022	NORTH	
DRAWING: Soft Landscape Plan 3 of 4		PROJECT NO: 22D12	SCALE: 1:250		
		SHEET SIZE: A1		CHECKED BY: RJ	



LEGEND

Mix A: Trees Under-storey Planting			
35% Area	Symphoricarpos chenaillii hancock	4m2	min 3L pot; min 300mm high; min 300mm breadth
25% Area	Dryopteris filix-mas	4m2	min 5L pot; min 500mm high; min 500mm breadth
20% Area	Luzula sylvatica	4m2	min 3L pot; min 300mm high; min 300mm breadth
20% Area	Vincetoxicum	7m2	min 3L pot; min 300mm high; min 300mm breadth
+ Allium ursinum, Fritillaria meleagris, Hyacinthoides non-scripta, Galanthus nivalis, Lilium martagon 3 per every 1m2 high quality bulb			
Plant Mixture D: Canal Bank Phase III			
75% Area	Symphoricarpos chenaillii hancock	4m2	min 3L pot; min 300mm high; min 300mm breadth
10% Area	Libertia formosa	7m2	min 3L pot; min 300mm high; min 300mm breadth
5% Area	Mahonia aquifolium	1m2	min 20L pot; min 800mm high; min 500mm breadth
5% Area	Prunus tenella 'Fire hill'	3m2	min 7L pot; min 600mm high; min 450mm breadth
5% Area	Hypericum 'Hidcote'	4m2	min 3L pot; min 300mm high; min 300mm breadth
+ Pinus Mugo 'Gnom' 1 per every 10m2			
+ Lilium henryi 1 per every 1m2			

Waterside planting - Coir Rolls			
Carex acutiformis (Lesser Pond Sedge), Juncus effusus (Soft Rush), Lythrum salicaria (Purple Loosestrife), Iris pseudacorus (Yellow Flag Iris), Phalaris arundinacea (Reed Canary Grass), Typha angustifolia (Lesser Bulrush)			
Mix C: Perimeter Wall Edge			
70% Area	Carex pendula	7m2	min 3L pot; min 300mm high; min 300mm breadth
30% Area	Luzula sylvatica	4m2	min 3L pot; min 300mm high; min 300mm breadth
+ Lilium henryi 1 per every 1m2 high quality bulb			
Climbers			
Self Climbing Climbers			
25% Length	Parthenocissus henryana	1/m	min 5L pot; min 600mm high; min 300mm breadth
25% Length	Pileostegia viburnoides	1/m	min 5L pot; min 600mm high; min 300mm breadth
25% Length	Hedra helix	1/m	min 5L pot; min 600mm high; min 300mm breadth
25% Length	Lonicera periclymenum	1/m	min 5L pot; min 600mm high; min 300mm breadth

Semi Mature Tree Planting

Ps	Pinus sylvestris, 20-25 cmg, min 5m high
Existing Trees	
Root Protection Area	
Trees to be removed	

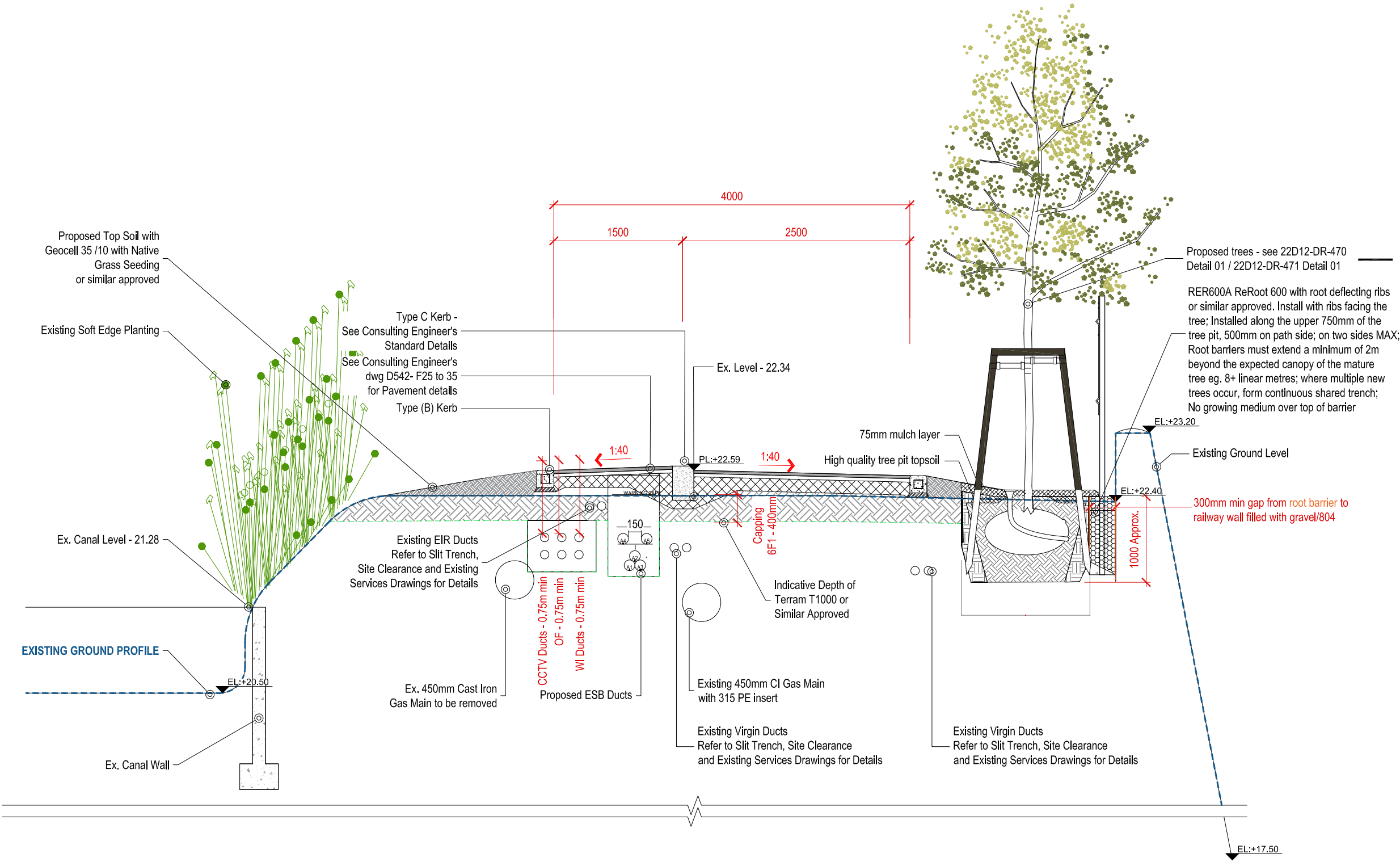
Small Tree Planting and Shrubs

Ca	Corylus avellana, 50 lr.
Ea	Eunymus europaeus, 50 lr.
laq	Ilex aquifolium, 50 lr.
Vo	Viburnum opulus, 50 lr.
Existing Public Lighting	

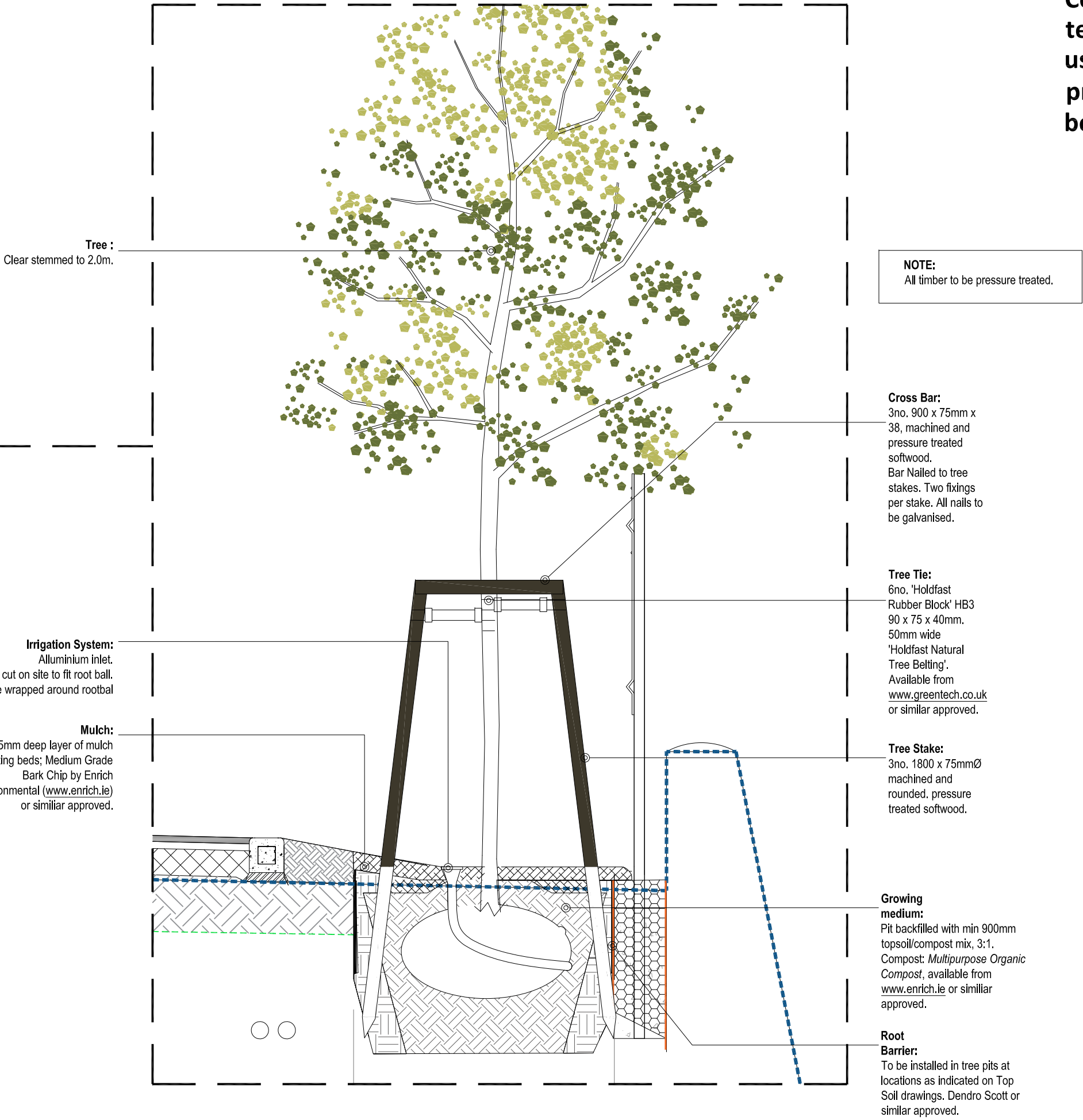
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	DRAWING NO: 22D12-DR-403		REVISION: -		
	DRAWN BY: MF		1st ISSUE: 22.12.2022		
	PROJECT: Royal Canal Greenway		SCALE: 1:250		
DRAWING: Soft Landscape Plan 4 of 4		SHEET SIZE: A1		CHECKED BY: RJ	

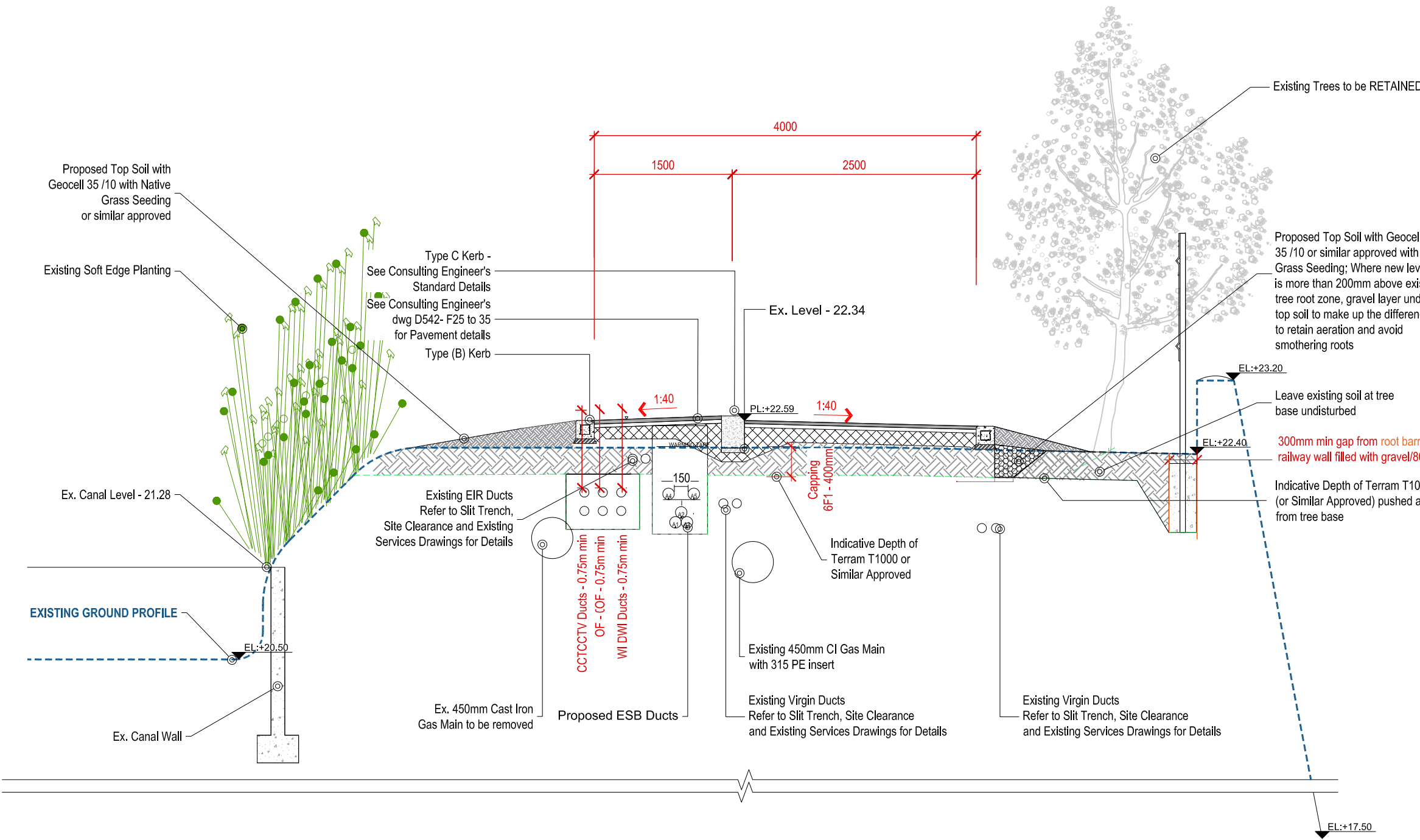
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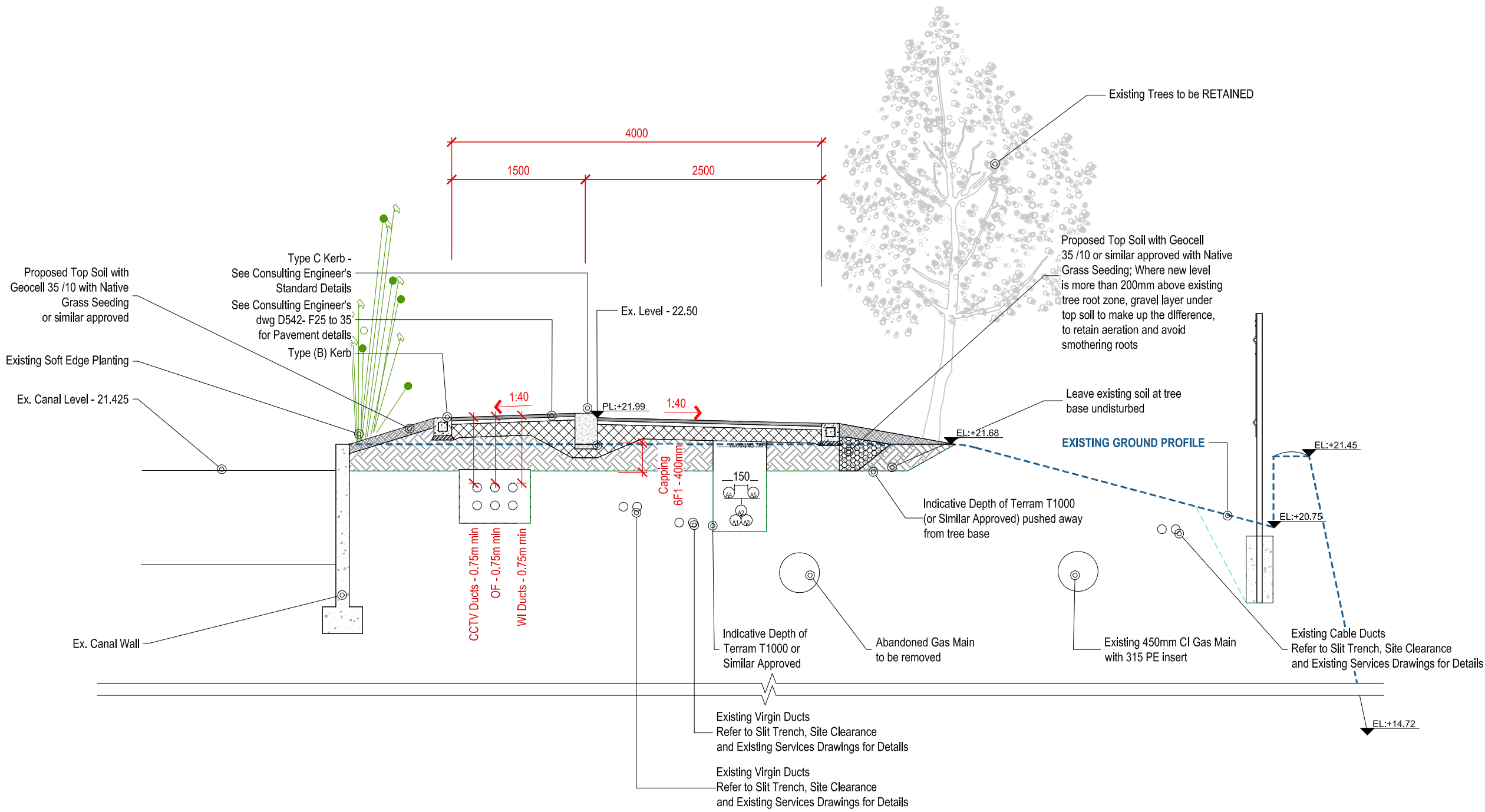
A-A TYPICAL CROSS SECTION A-A LINEAR PARK DR-401 PLAN A
470 Scale 1:50



01 TYPICAL SEMI-MATURE AND HEAVY STANDARD TREE PLANTING DETAIL
470 Scale 1:25



B-B TYPICAL CROSS SECTION B-B LINEAR PARK DR-401 PLAN A
470 Scale 1:50



C-C TYPICAL CROSS SECTION C-C LINEAR PARK DR-401 PLAN B
470 Scale 1:50

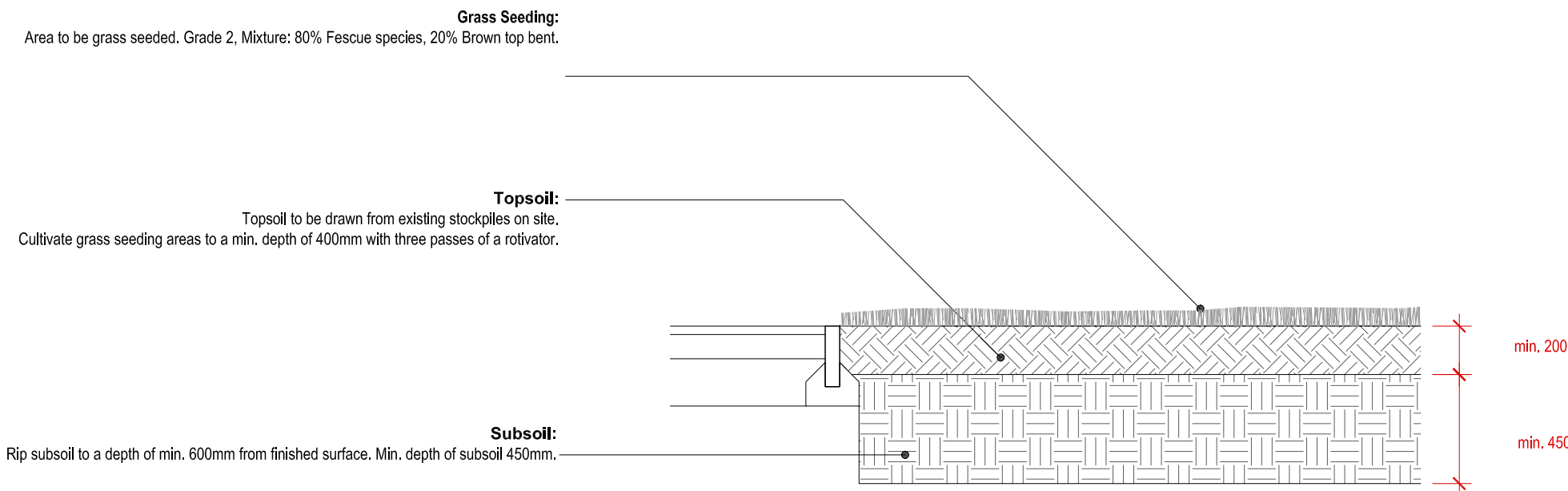
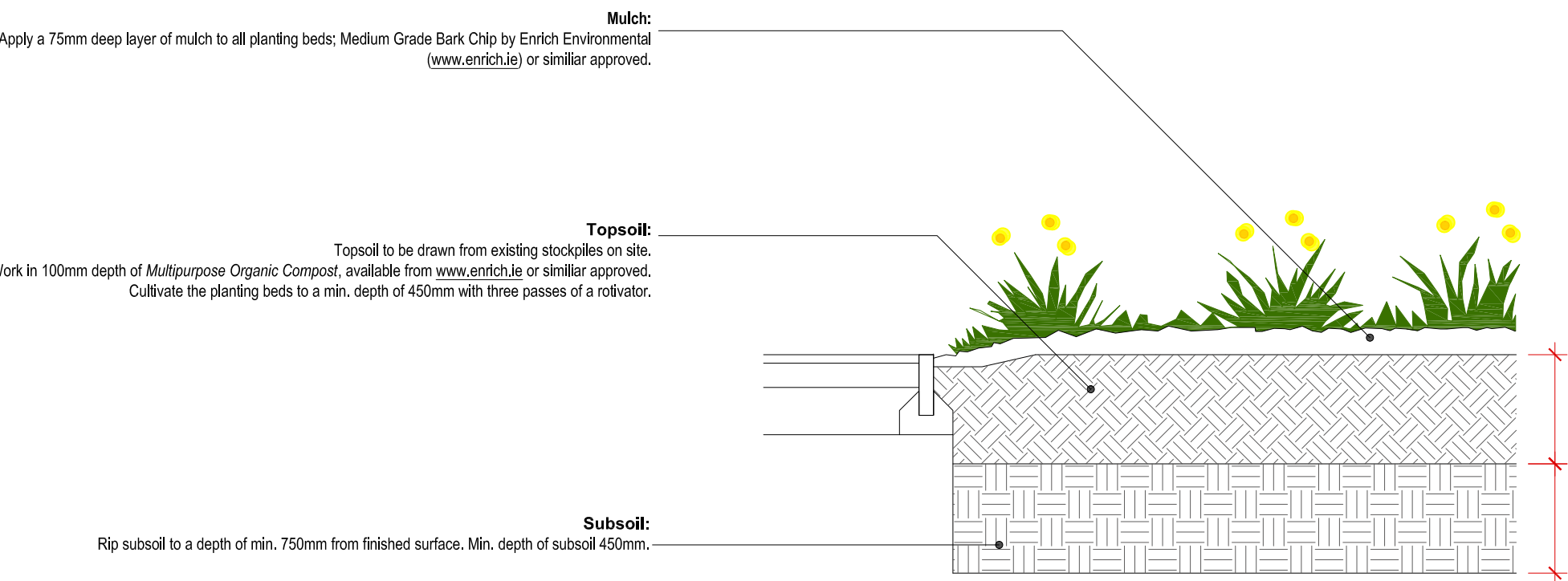
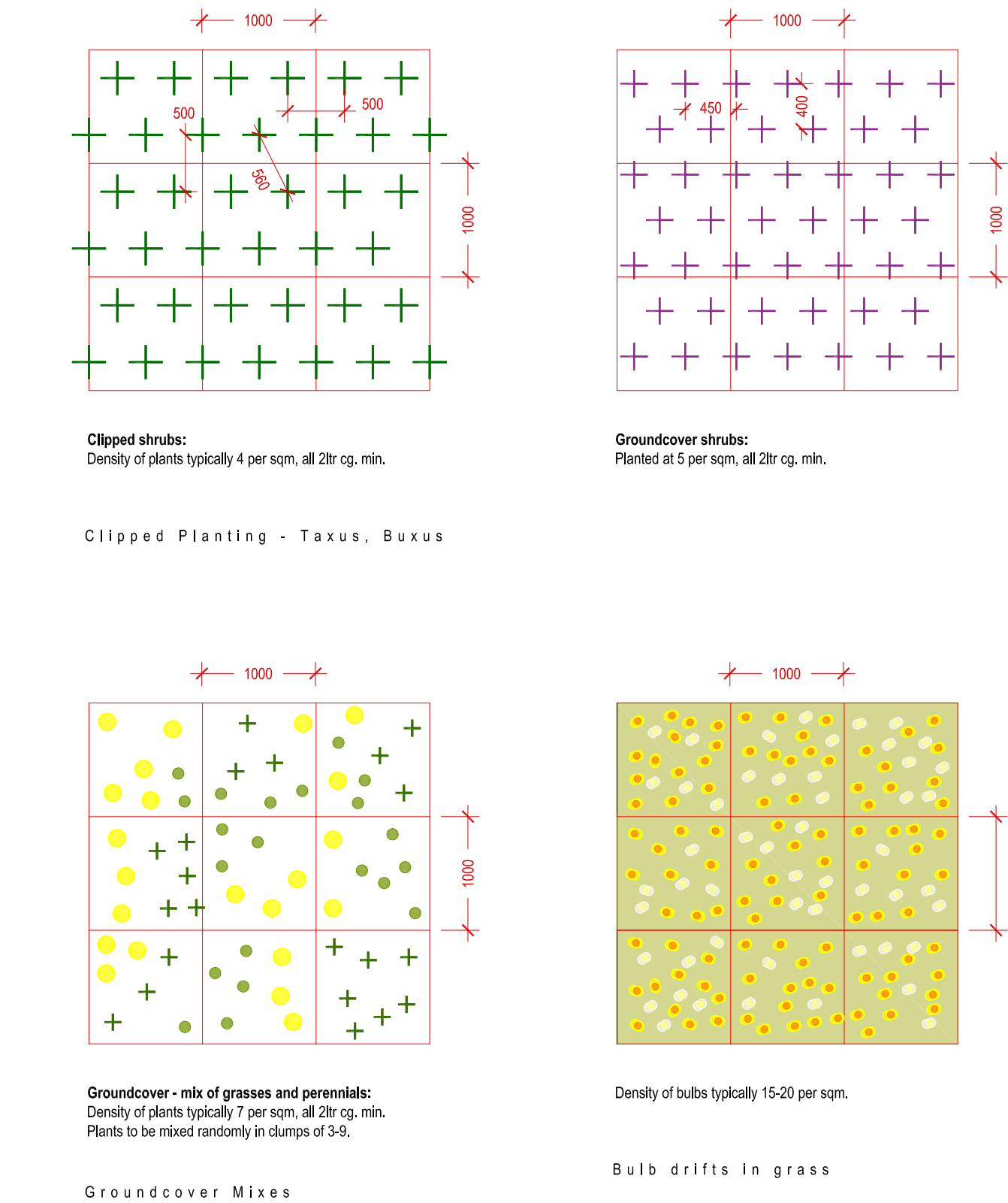
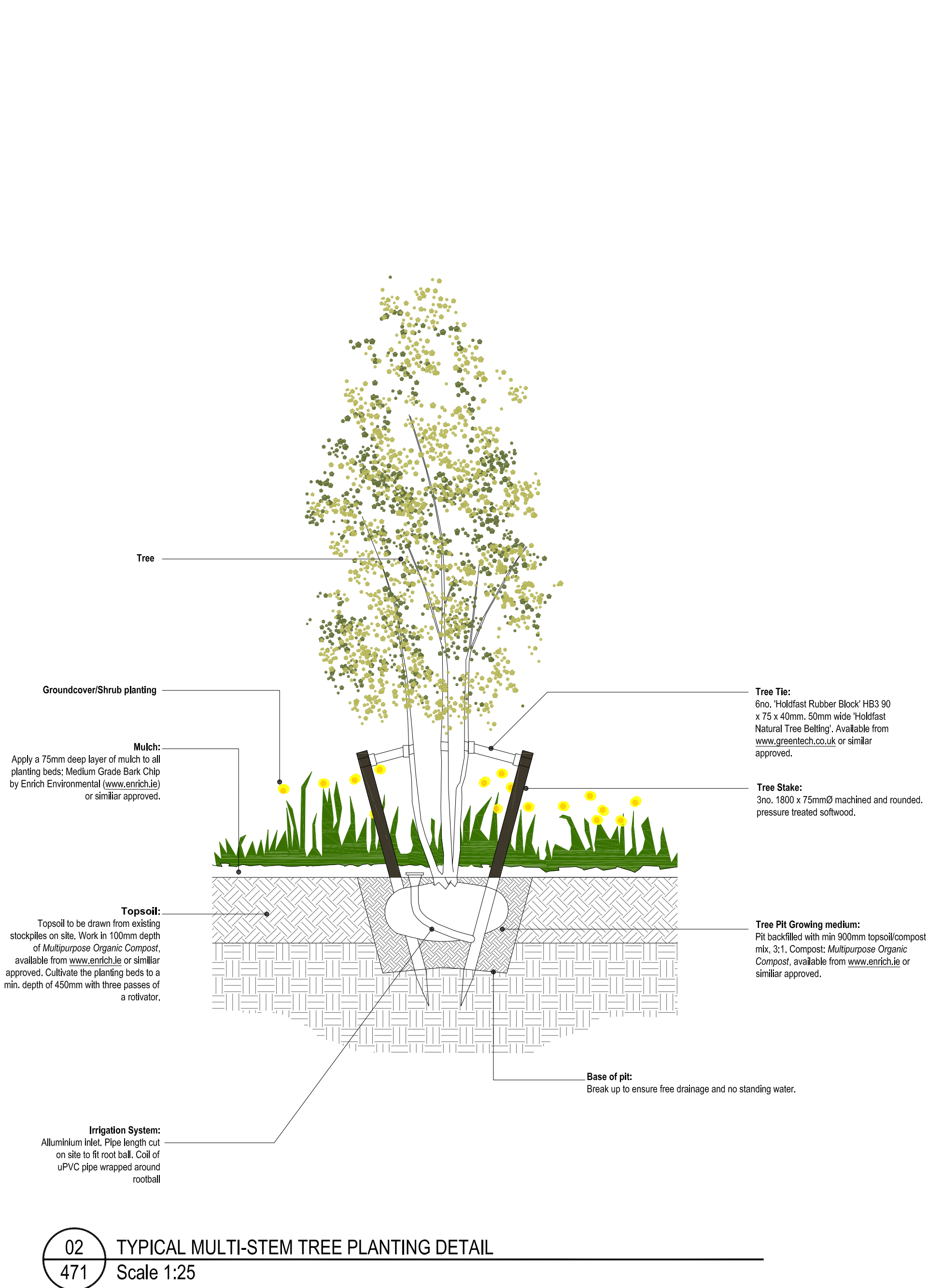
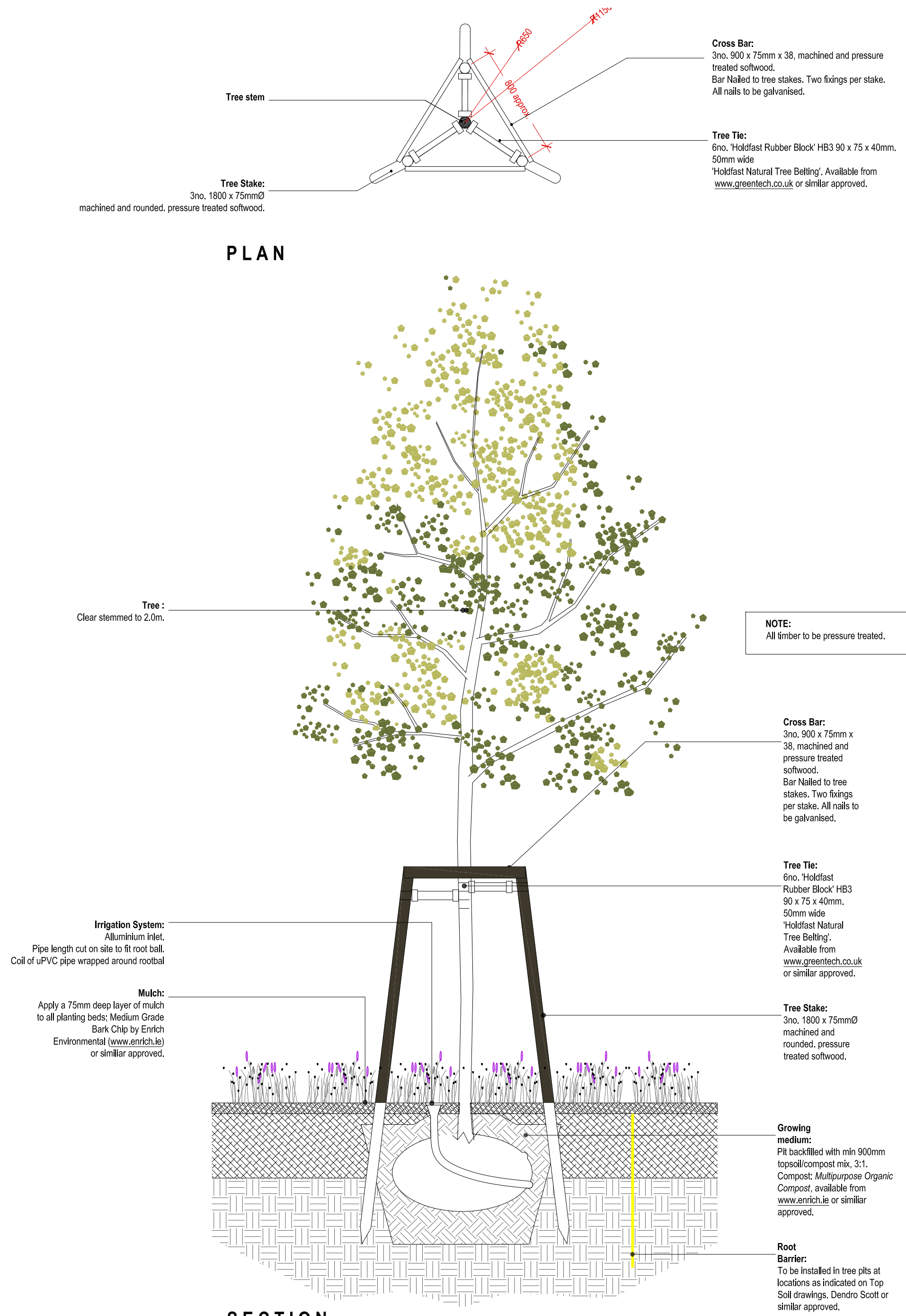
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DATE	REV.	DESCRIPTION	DRAWN BY:	CHECKED BY:
-	-	-	-	-

NOTES:
Planting Ref. 2870-15 Sub06

 3rd Floor Newmarket House Newmarket Square, Dulwich London SE 15 6JH t: +44 (0) 1753 6522 www.aitlondon.co.uk	ISSUE STATUS:				
	COMPLIANCE				
	DRAWING NO: 22D12-DR-470		REVISION: -		
	CLIENT: Royal Canal Greenway				
PROJECT: NTA & DCC		DRAWN BY: AD		1st ISSUE: 21.12.2022	
DRAWING: Typical Landscape Sections		PROJECT NO: 22D12		SCALE: As shown	
		SHEET SIZE: A1		CHECKED BY: RJ	

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DATE	REV.	DESCRIPTION	DRAWN BY:	CHECKED BY:
-	-	-	-	-

NOTES:
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	DRAWING NO: 22D12-DR-471				
	CLIENT: Royal Canal Greenway				
	PROJECT: NTA & DCC				
DRAWING: Typical Soft Landscape Details		DRAWN BY: AD	1st ISSUE: 21.12.2022	SHEET SIZE: A1	CHECKED BY: RJ