

NOTES

GENERAL CLEARANCE BEFORE PLANTING AND SPREADING TOPSOIL

1. All rubble, stone over 150 mm, general rubbish and builders' debris to be cleared from the proposed planting areas to the depth of the cultivated medium depending if trees, shrubs or grass (see spec for depths) and removed from site to an approved tip prior to any cultivation works.
2. The planting area shall be treated with an approved herbicide 2 weeks before spreading topsoil.

SITE PREPARATION

1. Following herbicide treatment (duration depending on herbicide type) the entire area shall be leveled to a medium grade prior to topsoil being spread.
2. Topsoil to be cultivated so free of grass, pernicious weeds and weed seed, stones larger than 50 mm and other debris. Similarly the top 50 mm of subsoil for grass areas should be free of grass, pernicious weeds and weed seed, stones larger than 30 mm and other debris.
3. Topsoil to be spread in 150 mm layers and gently firmed. Subsoil to be spread in 300 mm layers and gently firmed.

PLANT MATERIAL

1. All plant material shall be pest and disease free.
2. Topsoil shall be supplied in accordance with BS3882.
3. All plants to be planted at the same depth as previously grown.
4. Sufficient soil must be removed to allow all roots to fully spread. Care must be taken with root systems - with dry, damaged roots being carefully pruned prior to planting.

PLANTING

General

Times of year for planting:

- Deciduous trees and shrubs : November to March.
- Conifers and evergreens : November to March.
- Container grown plants : At any time if ground and weather conditions are favorable.
- Watering and weed control : Provide as necessary.

Refer to Plant Schedule for species, sizes and planting densities.

Trees

1. Soil ameliorants to consist of an approved compost, at 20L for each feathered tree and 12-14cm gth tree, 35L for each 14-18cm gth tree and 50L for each 20-25 cm gth tree and 150g/tree of 10.10.10 NPK slow release fertilizer and 0.1% by weight of 'BroadLeaf' P4 water retentive gel.
2. For further details, see drawing no. tree planting details.

All planting to be watered thoroughly immediately after planting without damaging or displacing plants or soil.



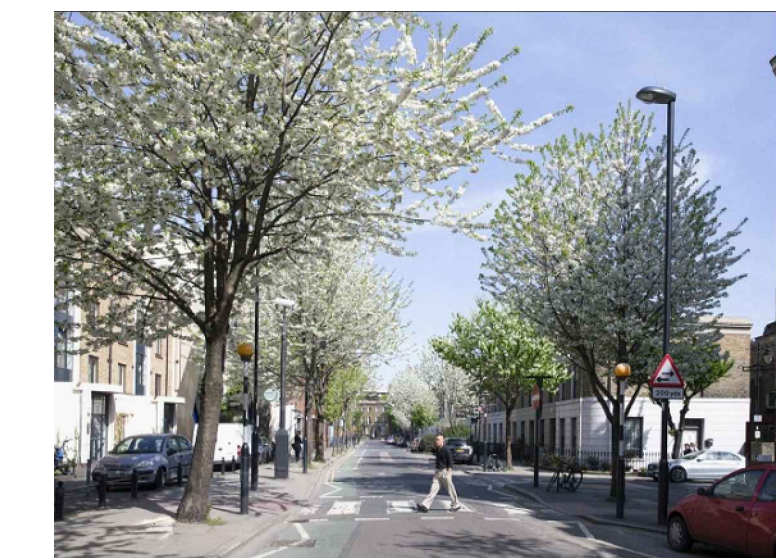
Pp - Cherry (Prunus padus 'Fastigiata') Residential Streetscape



Ph - London Plane (Platanus x hispanica) Avenue



Bp - Birch (Betula pendula) Woodland



Pp - Cherry (Prunus padus 'Fastigiata') Streetscape



Ac - Field Maple (Acer campestre 'Elsrijk')



Sa - Pin Oak (Quercus palustris)



Cycle/pedestrian paths



Mixed tree planting Streetscape



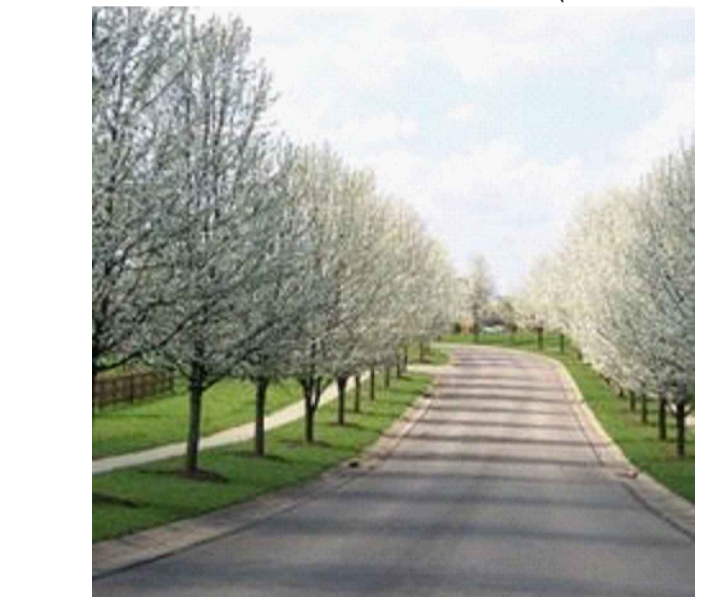
Ul - Elm (Ulmus 'Lobel') streetscape



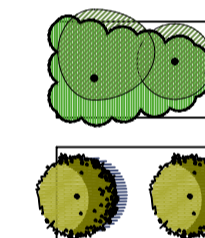
Gt - Golden Cappadocian Maple (Acer cappadocicum 'Aureum')



Cl - Lebanese Cedar (Cedrus libani)



Tc - Lime (Tilia cordata 'Green Spire') Avenue



Existing Trees managed and retained
(See arborists report)



Proposed Street Trees

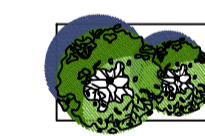
Planted in same species groups or lines on individual streets

Large Trees

Corylus colurna 14-16cm gth, 5-6m ht
Tilia cordata 'Greenspire' 16-18cm, 5-6m ht
Ulmus 'Lobel' 16-18cm, 5-6m ht
Acer cappadocicum 'Aureum' 16-18cm, 5-6m ht
Acer campestre 16-18cm, 5-6m ht
Prunus padus 'Fastigiata'

Medium Trees

Pyrus 'Chanticleer', 14-16cm, 3-4m ht
Quercus palustris 12-14cm, 2.5-3.5m ht
Acer campestre 'Streetwise' 16-18 cm gth, 4-6m ht
Acer campestre 'Elsrijk' 16-18cm gth, 4-6m ht



Proposed Parkland, Open Spaces and Feature Trees (572 no.)

To include species from the above list and selected species from the following:

Large Trees

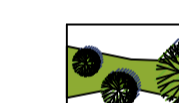
Acer pseudoplatanus 14-16cm, 4.25-6m ht
Fagus sylvatica 14-16cm, 4.25-6m ht
Platanus x hispanica 14-16cm, 4.25-6m ht
Aesculus hippocastanum 14-16cm, 4.25-6m ht
Quercus robur 'Fastigiata' 14-16cm, 4.25-6m ht

Medium Trees

Pyrus 'Chanticleer', 14-16cm, 3-4m ht
Quercus palustris 12-14cm, 2.5-3.5m ht

Specimens:
Cedrus libani 120-150cm, RB

Underplanted with selected bulbs - Narcissus and Hyacinthoides non-scripta



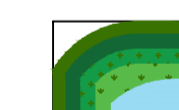
Proposed Native Trees

Large Trees

Betula pendula 12-14cm, 2.5-3.5m ht
Alnus glutinosa 12-14cm, 2.5-3.5m ht
Populus tremula 12-14cm, 2.5-3.5m ht

Small Trees

Salix caprea 12-14cm, 2.5-3.5m ht
Corylus avellana 12-14cm, 2.5-3.5m ht



Shrub planting

Indicative species list

Aquatic & marginal plants to include:

- 2L min. pot size and planted at 4/m2

Species tolerant of fluctuating water levels and duration
Phragmites australis (common reed)
Phalaris arundinacea (reed canary grass)
Persicaria amphibian (amphibious bistort)

Species requiring shallow standing water at all times
Sparganium erectum (branched bur-reed)
Glyceria fluitans (flote-grass)
Typha latifolia (reed mace)

Species requiring moderate to deep standing water at all times
Schoenoplectus lacustris (common club-rush)
Myriophyllum spicatum (spiked water-milfoil)
Potamogeton species (pond weeds)

Amenity Grass

Wildflower Meadow

Existing Ditch /Stream
to include riparian planting to banks

Brushed Concrete Footpath

-to Engineers Detail

Tarmac Cycleway

-To Engineers Detail

REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS

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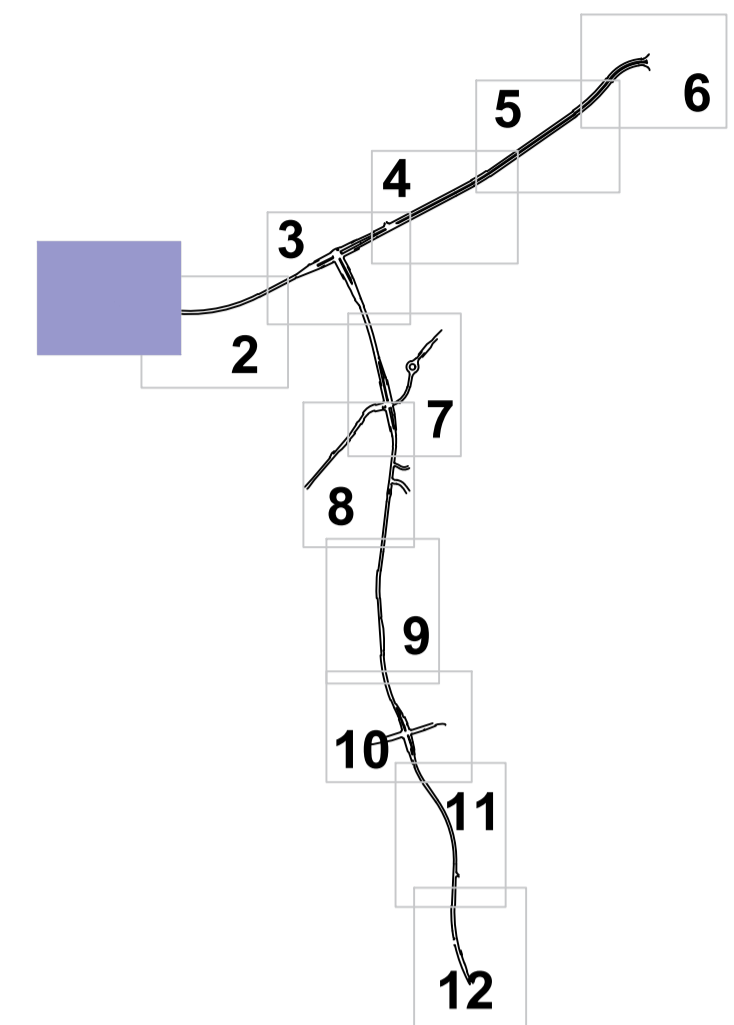
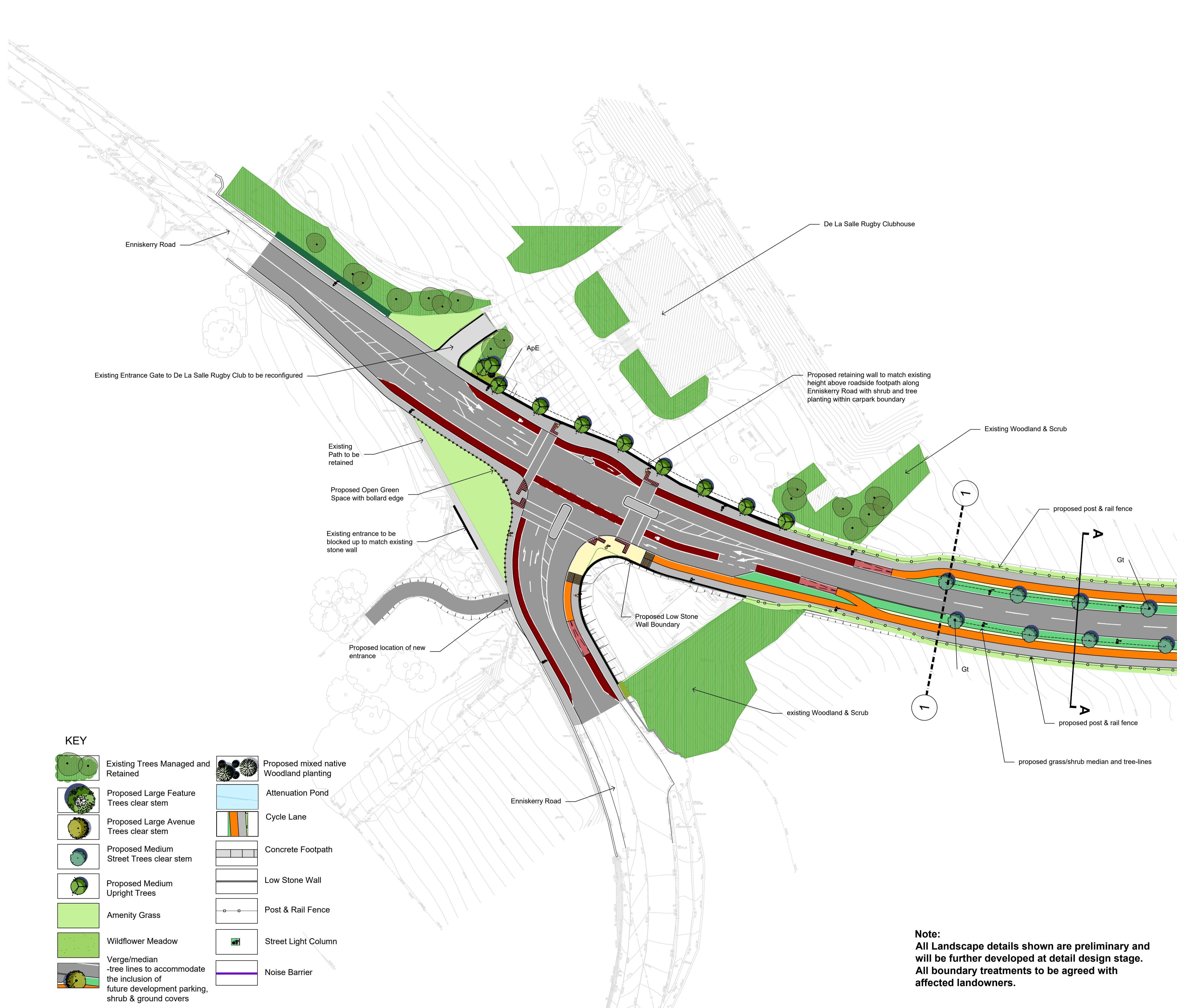


Note:
All Landscape details shown are preliminary and will be further developed at detail design stage.
All boundary treatments to be agreed with affected landowners.

PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DRAWING:
LANDSCAPE KEY PLAN

DATE:	DECEMBER 2018
SCALE:	1:5000 @ A1 1:10000 @ A3
DRAWN:	DL
CHECKED:	DOL
DRAWING NO.:	17479-2-100
EIAR FIGURE REF:	12.0



KEY

	Existing Trees Managed and Retained		Proposed mixed native Woodland planting
	Proposed Large Feature Trees clear stem		Attenuation Pond
	Proposed Large Avenue Trees clear stem		Cycle Lane
	Proposed Medium Street Trees clear stem		Concrete Footpath
	Proposed Medium Upright Trees		Low Stone Wall
	Amenity Grass		Post & Rail Fence
	Wildflower Meadow		Street Light Column
	Verge/median -tree lines to accommodate the inclusion of future development parking, shrub & ground covers		Noise Barrier

Key

Street Trees

- Pp - Cherry (*Prunus padus* 'Fastigiata')
- Ac - Field Maple (*Acer campestre* 'Elsrijk')
- Cc - Turkish hazel (*Corylus colurna*)
- Tc - Lime (*Tilia cordata* 'Green Spire')
- Pc - Chanticleer pear (*Pyrus calleryana* 'Chanticleer')
- Fs - Beech (*Fagus sylvatica* 'Dawyck')
- Qr - Oak (*Quercus robur* 'Fastigiata')
- Ul - Elm (*Ulmus* 'Lobel')
- ApE - Field Maple (*Acer campestre*)
- Gt - Golden Cappedocian Maple (*Acer cappadocicum* 'Aureum')
- Cl - Lebanese Cedar (*Cedrus libani*)
- Ph - London Plane (*Platanus x hispanica*)
- Sa - Pin Oak (*Quercus palustris*)
- Ap - Sycamore (*Acer pseudoplatanus*)

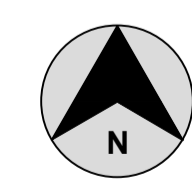
Native Trees

- Bp - Birch (*Betula pendula*)
- Sc - Goat Willow (*Salix capraea*)
- Ag - Alder (*Alnus glutinosa*)
- Pt - Aspen (*Populus tremula*)
- Ca - Hazel (*Corylus avellana*)

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CUNNANE STRATTON REYNOLDS
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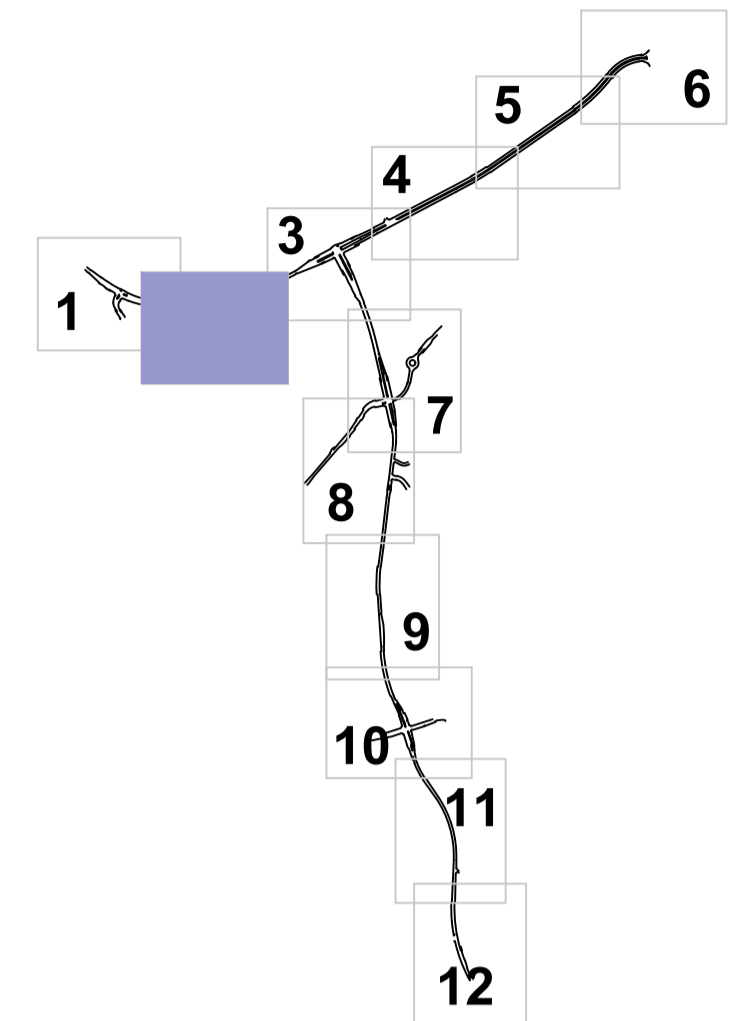
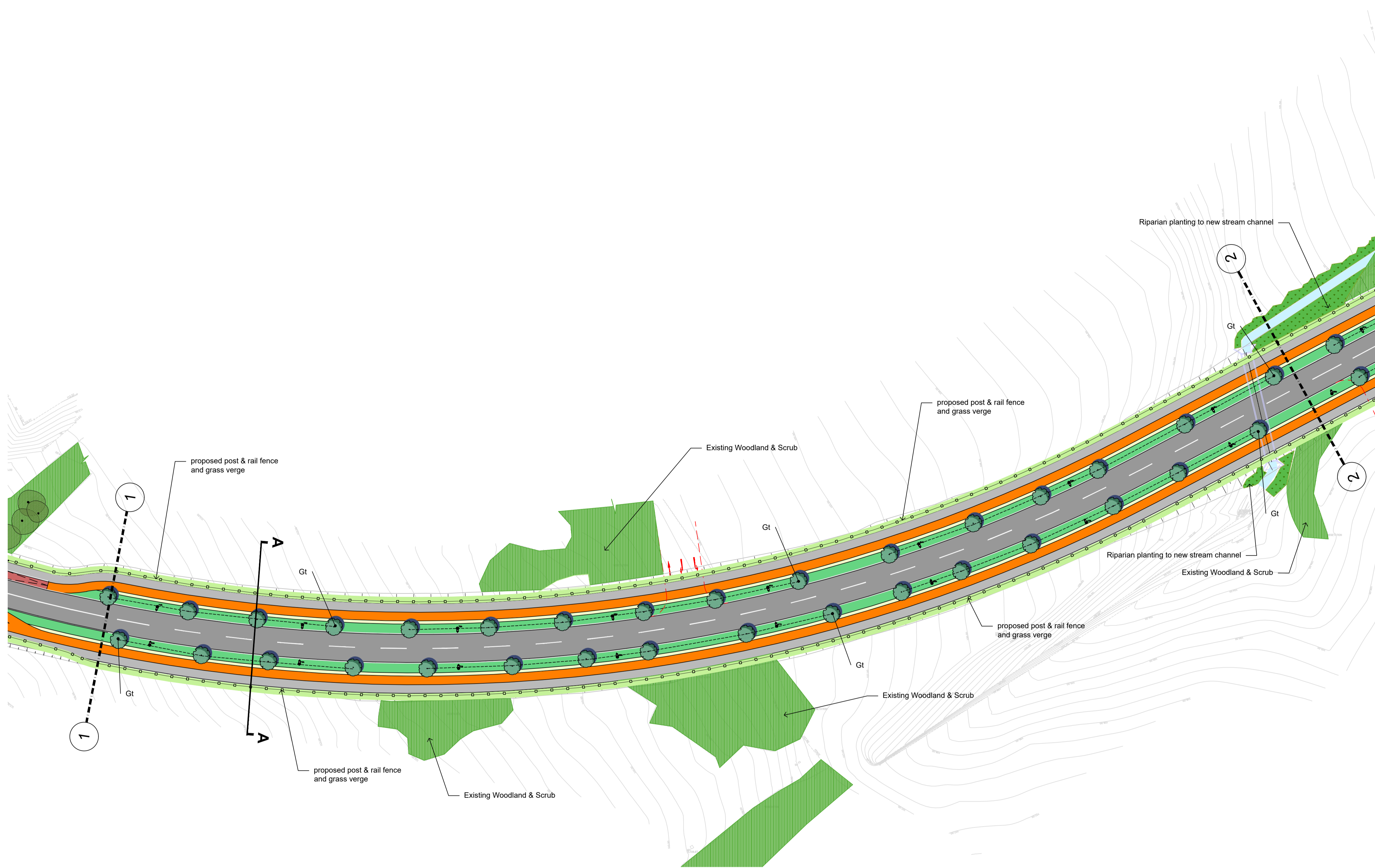


PROJECT: GLENAMUCK DISTRICT ROADS SCHEME
 DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DRAWING: LANDSCAPE PLAN
 01 OF 12

DATE:	DECEMBER 2018
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DRAWING NO:	17479-2-101
EIAR FIGURE REF:	12.1

Note:
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KEY

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	Proposed Large Feature Trees clear stem		Attenuation Pond
	Proposed Large Avenue Trees clear stem		Cycle Lane
	Proposed Medium Street Trees clear stem		Concrete Footpath
	Proposed Medium Upright Trees		Low Stone Wall
	Amenity Grass		Post & Rail Fence
	Wildflower Meadow		Street Light Column
	Verge/median -tree lines to accommodate the inclusion of future development parking, shrub & ground covers		Noise Barrier

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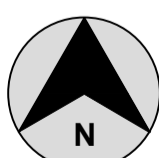
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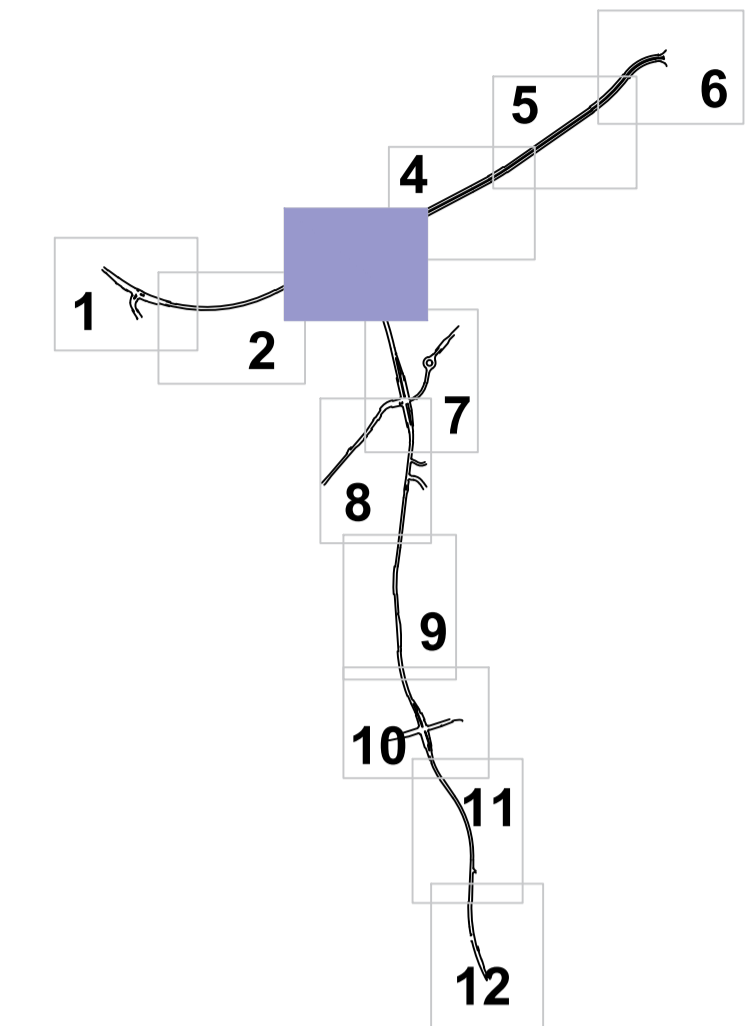
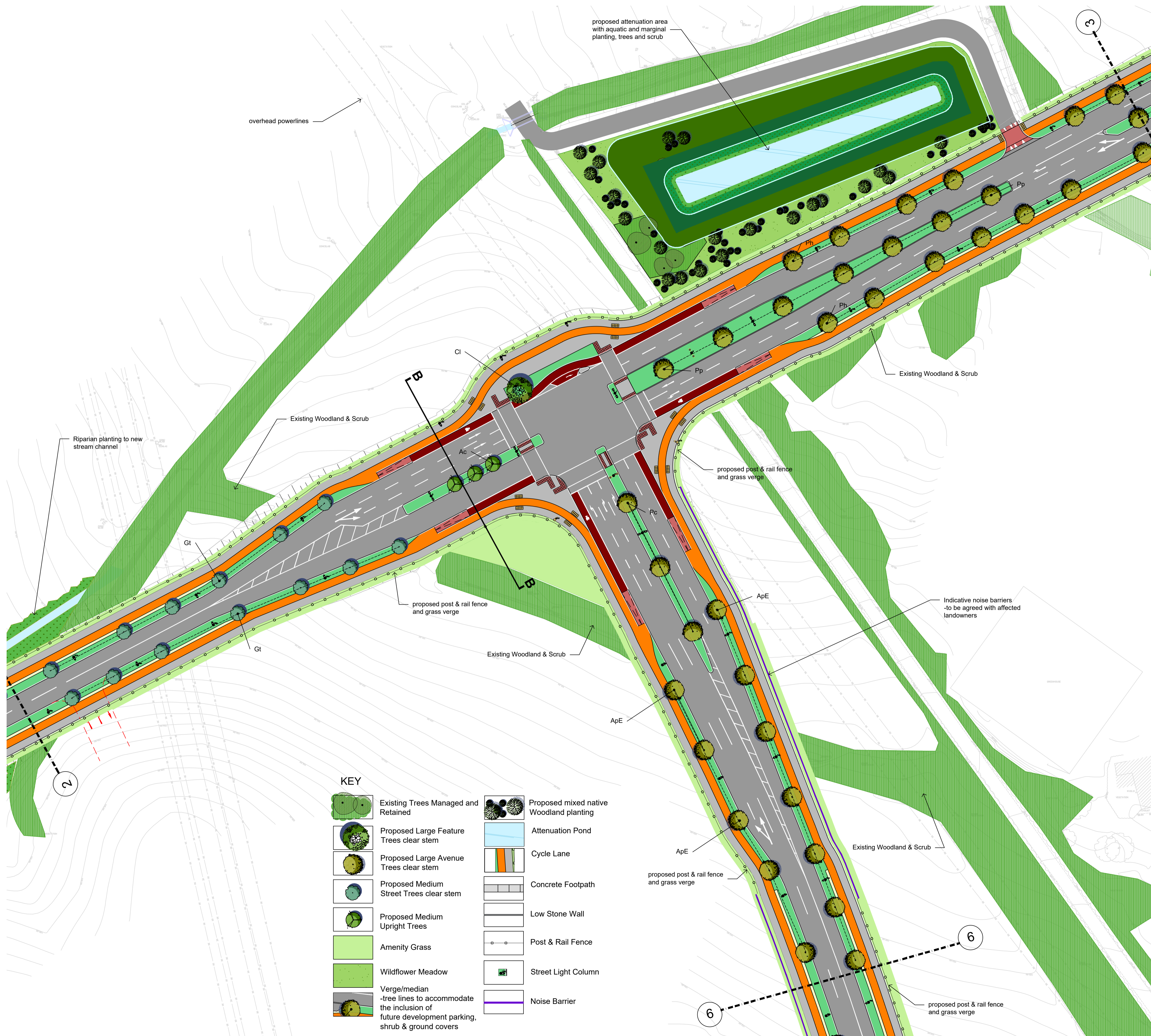


PROJECT:
GLENAMUCK DISTRICT ROADS
SCHEME
 DUN LAOGHAIRE RATHDOWN
 COUNTY COUNCIL

DRAWING:
LANDSCAPE PLAN
 02 OF 12

DATE:	DECEMBER 2018
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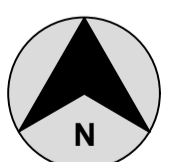
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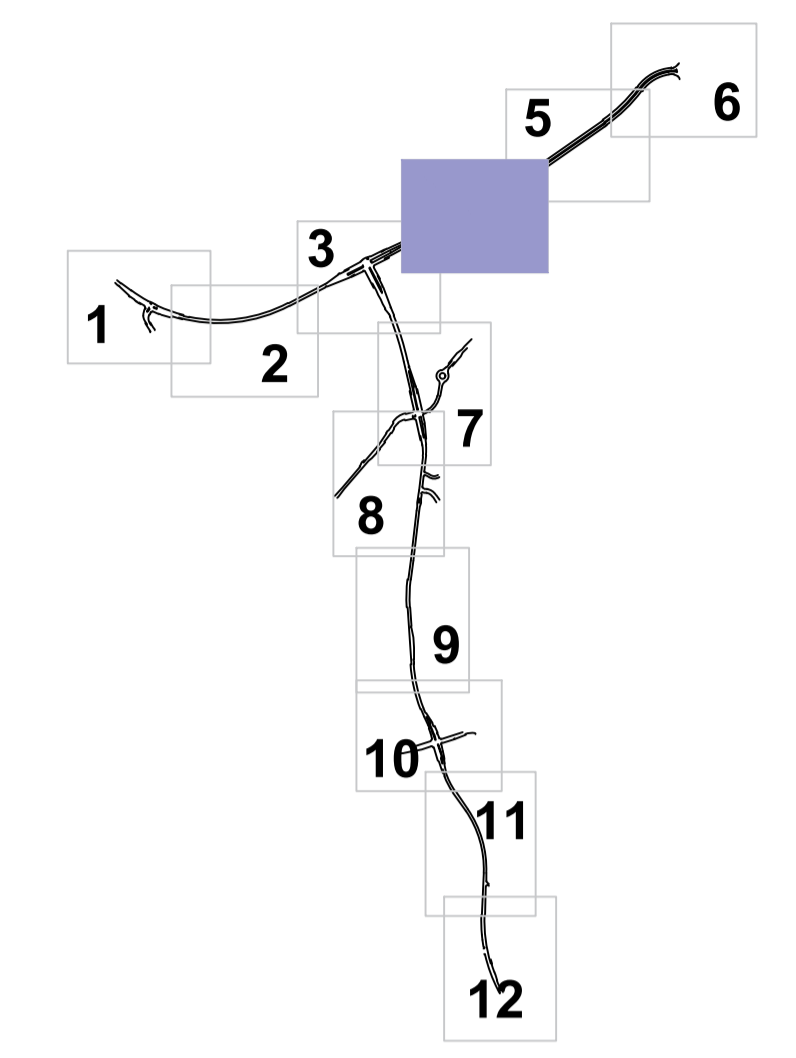
PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DRAWING:
LANDSCAPE PLAN
03 OF 12

DATE:	DECEMBER 2018
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DRAWING NO:	17479-2-103
EIAR FIGURE REF:	12.3

KEY

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	Proposed Medium Street Trees clear stem		Concrete Footpath
	Proposed Medium Upright Trees		Low Stone Wall
	Amenity Grass		Post & Rail Fence
	Wildflower Meadow		Street Light Column
	Verge/median-tree lines to accommodate the inclusion of future development parking, shrub & ground covers		Noise Barrier



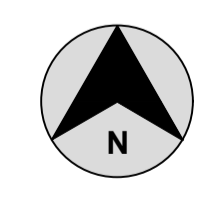
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REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN

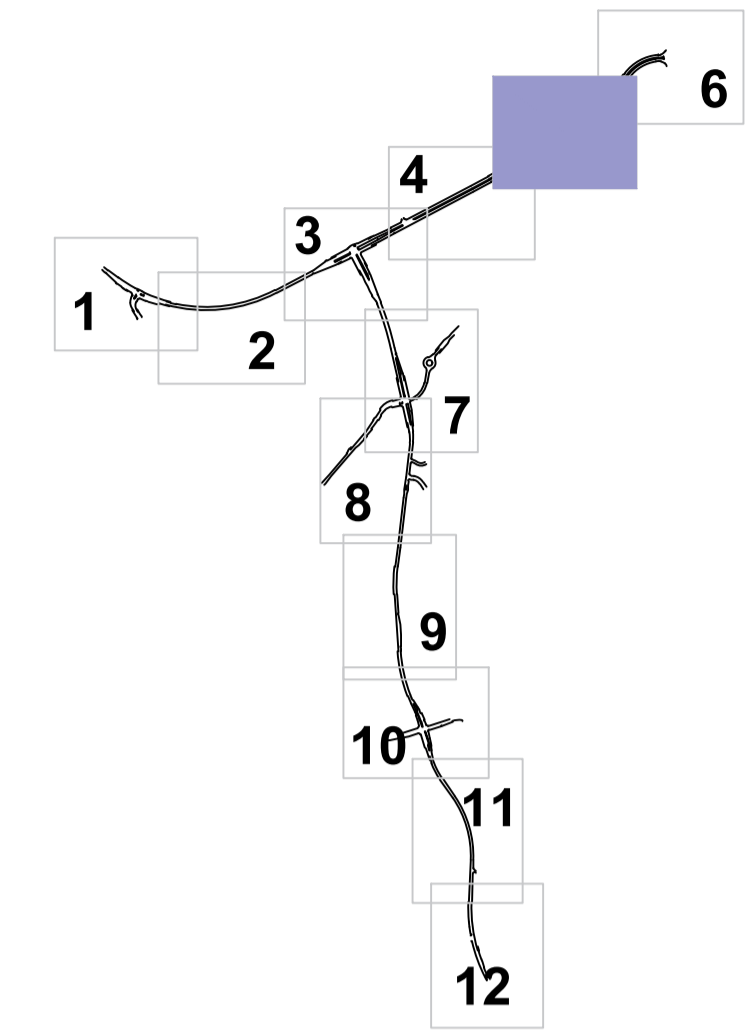
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PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
 DUN LAOGHAIRE RATHDOWN COUNCIL

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LANDSCAPE PLAN
 04 OF 12

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EIAR FIGURE REF:	12.4



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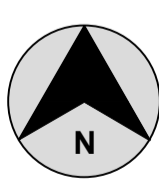
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- Existing Trees Managed and Retained
 - Proposed Large Feature Trees clear stem
 - Proposed Large Avenue Trees clear stem
 - Proposed Medium Street Trees clear stem
 - Proposed Medium Upright Trees
 - Amenity Grass
 - Wildflower Meadow
 - Verge/median - tree lines to accommodate the inclusion of future development parking, shrub & ground covers
 - Proposed mixed native Woodland planting
 - Attenuation Pond
 - Cycle Lane
 - Concrete Footpath
 - Low Stone Wall
 - Post & Rail Fence
 - Street Light Column
 - Noise Barrier

REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN

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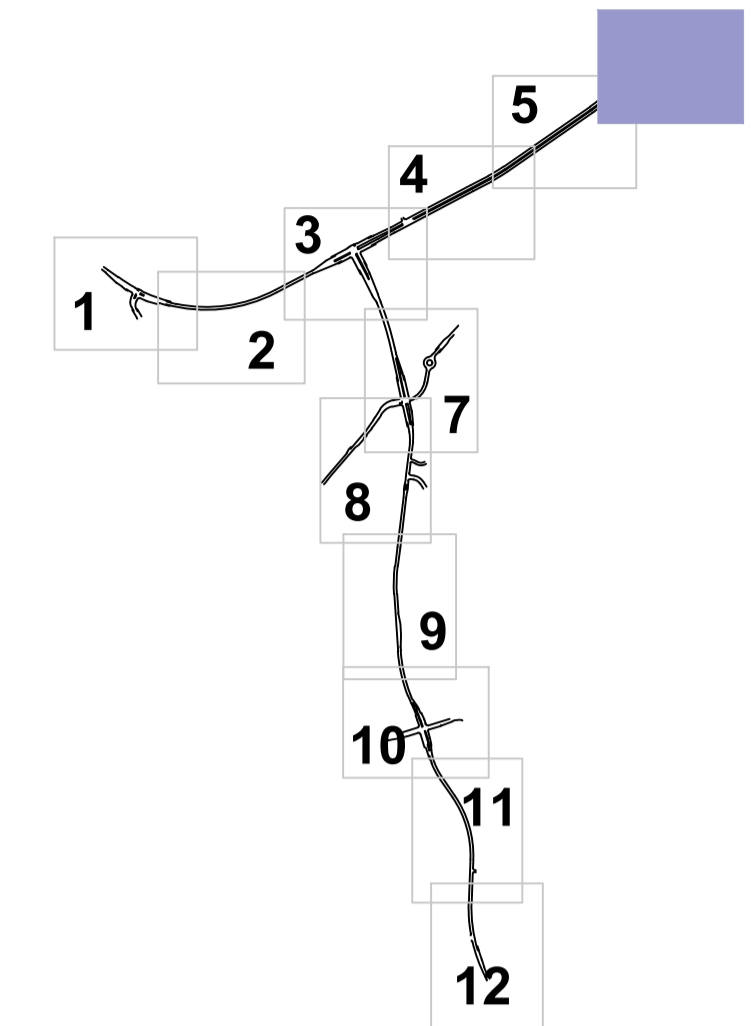
PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DRAWING:
LANDSCAPE PLAN
05 OF 12

DATE:	DECEMBER 2018
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DRAWING NO:	17479-2-105
EIAR FIGURE REF:	12.5

KEY

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|--|--|--|---|
| | Existing Trees Managed and Retained | | Proposed mixed native Woodland planting |
| | Proposed Large Feature Trees clear stem | | Attenuation Pond |
| | Proposed Large Avenue Trees clear stem | | Cycle Lane |
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key

Street Trees

- Pp - Cherry (*Prunus padus* 'Fastigiata')
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- Tc - Lime (*Tilia cordata* 'Green Spire')
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Attenuation Area Trees

- Bp - Birch (*Betula pendula*)
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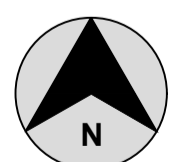
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A 27/02/2019 Omit shrub planting

REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN

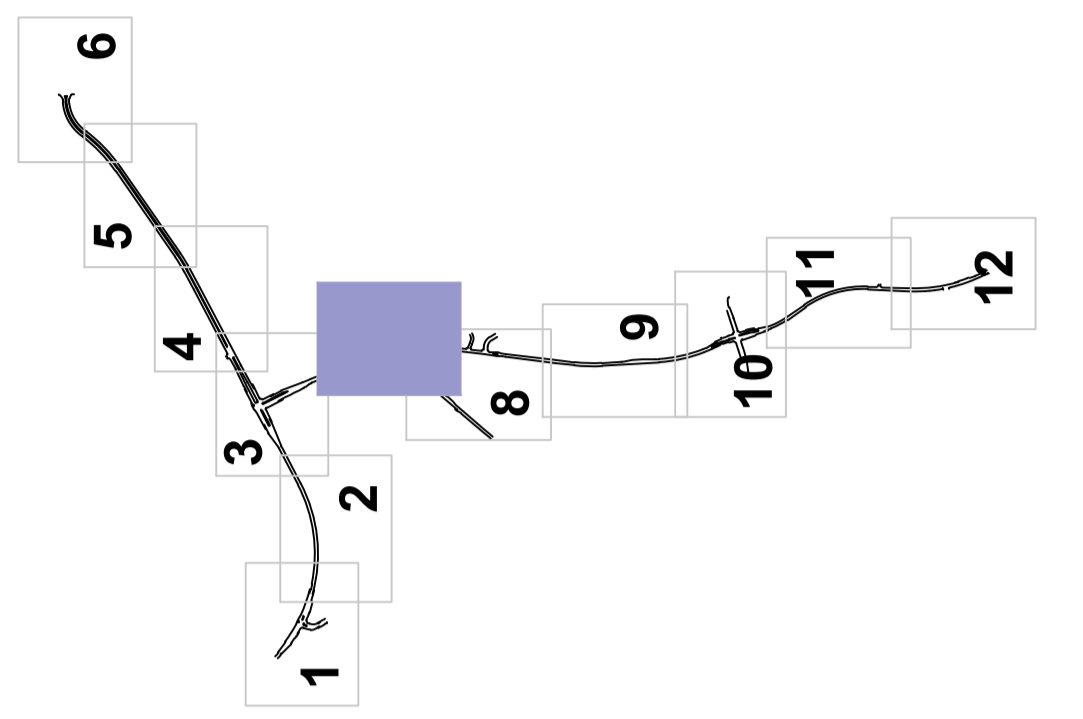
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PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
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DRAWING:
LANDSCAPE PLAN
06 OF 12

DATE:	DECEMBER 2018
SCALE:	1:500@A1/1:1000@A3
DRAWN:	DL
CHECKED:	DOL
DRAWING NO:	17479-2-106
EIAR FIGURE REF:	12.6



- Key**
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 - Pc - Chanticleer pear (*Pyrus calleryana* 'Chanticleer')
 - Fs - Beech (*Fagus sylvatica* 'Dawyck')
 - Qr - Oak (*Quercus robur* 'Fastigiata')
 - Ul - Elm (*Ulmus* 'Lobel')
 - ApE - Field Maple (*Acer campestre*)
 - Gt - Golden Cappodocian Maple (*Acer cappadocicum* 'Aureum')
 - Cl - Lebanon Cedar (*Cedrus libani*)
 - Ph - London Plane (*Platanus x hispanica*)
 - Sa - Pin Oak (*Quercus palustris*)
 - Ap - Sycamore (*Acer pseudoplatanus*)
- Attenuation Area Trees**
- Bp - Birch (*Betula pendula*)
 - Sc - Goat Willow (*Salix capraea*)
 - Ag - Alder (*Alnus glutinosa*)
 - Pt - Aspen (*Populus tremula*)
 - Ca - Hazel (*Corylus avellana*)

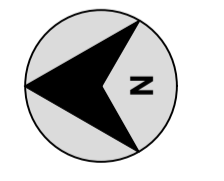
Note:
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- KEY**
- | | | | |
|--|--|--|---|
| | Existing Trees Managed and Retained | | Proposed mixed native Woodland planting |
| | Proposed Large Feature Trees clear stem | | Attenuation Pond |
| | Proposed Large Avenue Trees clear stem | | Cycle Lane |
| | Proposed Medium Street Trees clear stem | | Concrete Footpath |
| | Proposed Medium Upright Trees | | Low Stone Wall |
| | Amenity Grass | | Post & Rail Fence |
| | Wildflower Meadow | | Street Light Column |
| | Verge/median -tree lines to accommodate the inclusion of future development parking, shrub & ground covers | | Noise Barrier |

REV	DATE	AMENDMENT

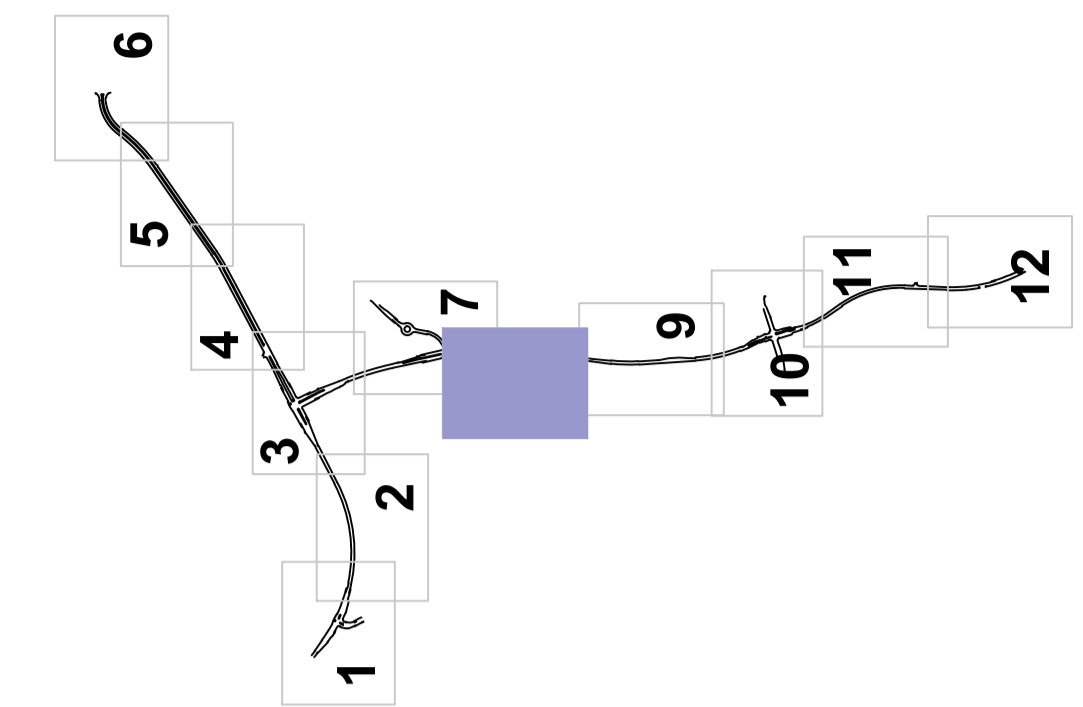
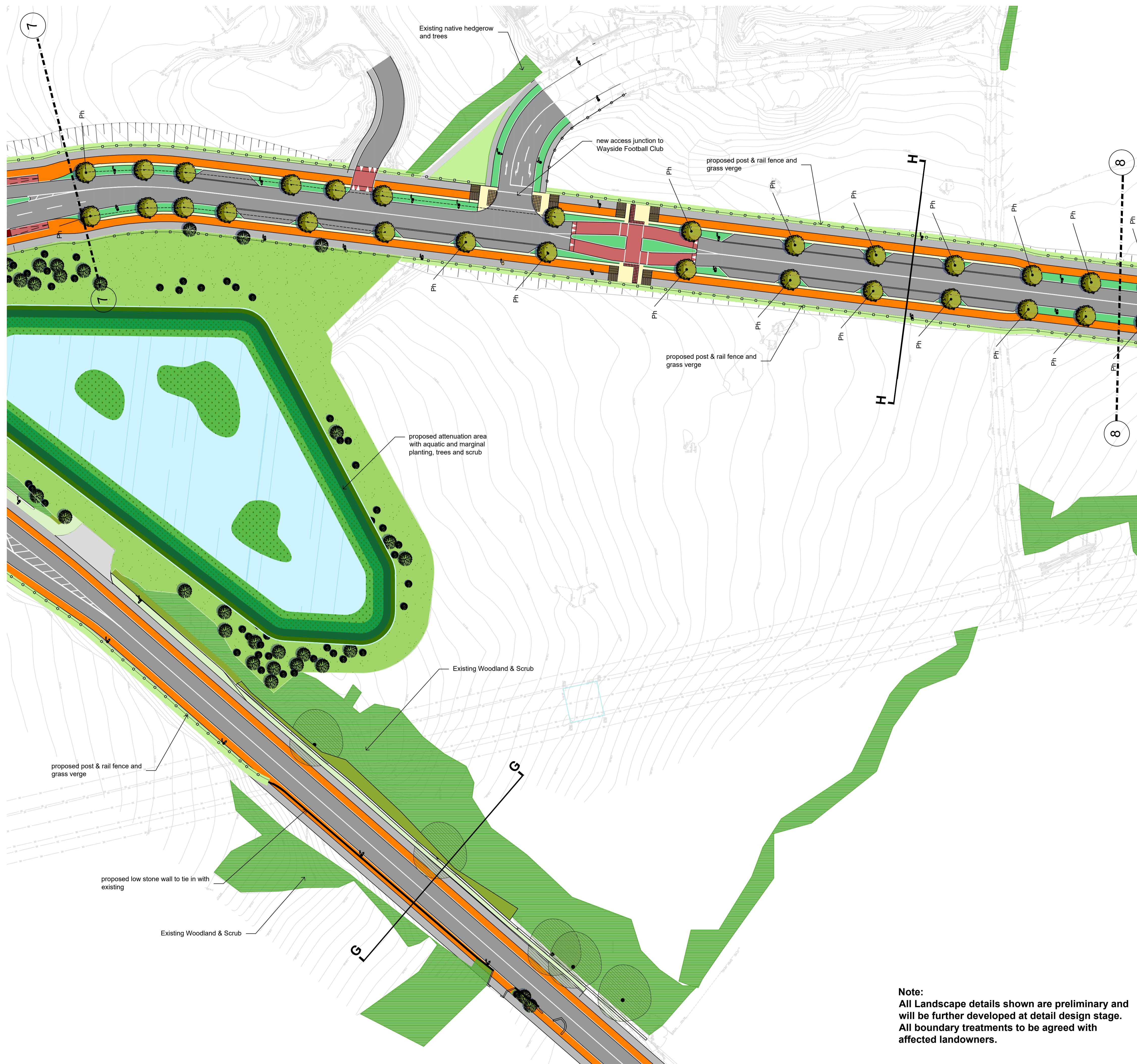
CUNNANE STRATTON REYNOLDS
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PROJECT: **GLENAMUCK DISTRICT ROADS SCHEME**
DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DATE:	DECEMBER 2018
SCALE:	1:500@A1/1:1000@A3
DRAWN:	DL
CHECKED:	DOL
DRAWING NO:	17479-2-107
EIAR FIGURE REF:	12.7



- key**
- Street Trees**
- Pp - Cherry (*Prunus padus* 'Fastigiata')
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- Attenuation Area Trees**
- Bp - Birch (*Betula pendula*)
 - Sc - Goat Willow (*Salix capraea*)
 - Ag - Alder (*Alnus glutinosa*)
 - Pt - Aspen (*Populus tremula*)
 - Ca - Hazel (*Corylus avellana*)

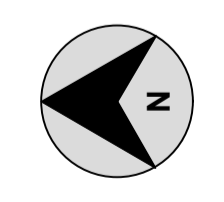
KEY

	Existing Trees Managed and Retained		Proposed mixed native Woodland planting
	Proposed Large Feature Trees clear stem		Attenuation Pond
	Proposed Large Avenue Trees clear stem		Cycle Lane
	Proposed Medium Street Trees clear stem		Concrete Footpath
	Proposed Medium Upright Trees		Low Stone Wall
	Amenity Grass		Post & Rail Fence
	Wildflower Meadow		Street Light Column
	Verge/median -tree lines to accommodate the inclusion of future development parking, shrub & ground covers		Noise Barrier

REV	DATE	AMENDMENT

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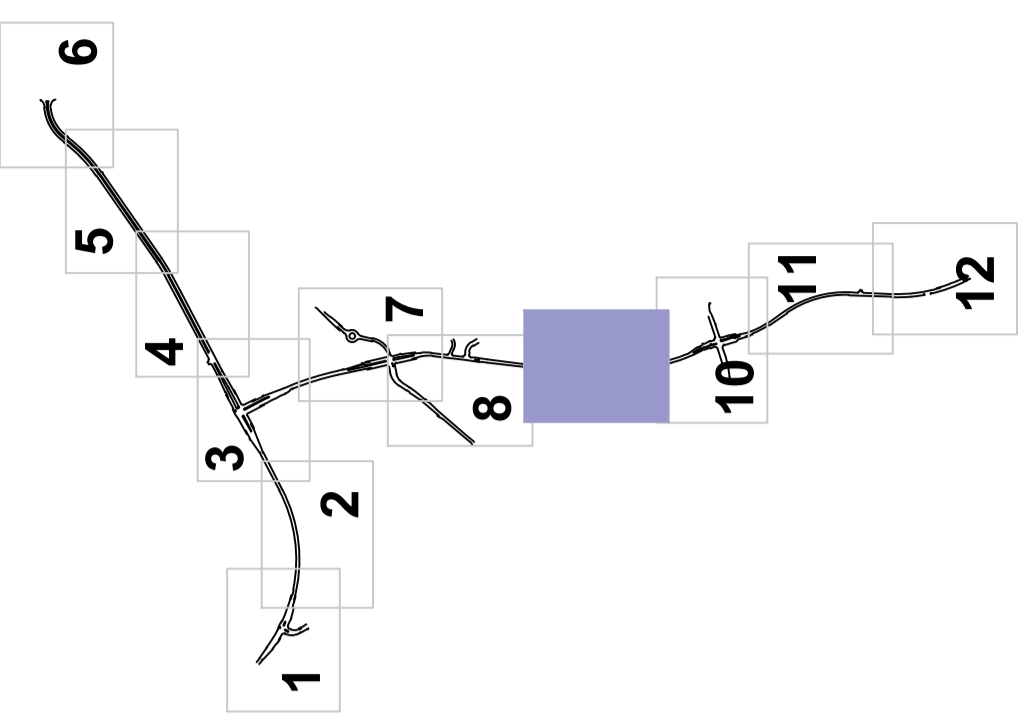


PROJECT: GLENAMUCK DISTRICT ROADS SCHEME
 DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DRAWING: LANDSCAPE PLAN
 08 OF 12

DATE:	DECEMBER 2018
SCALE:	1:500@A1/1:1000@A3
DRAWN:	DL
CHECKED:	DOL
DRAWING NO:	17479-2-108
EIAR FIGURE REF:	12.8

Note:
 All Landscape details shown are preliminary and will be further developed at detail design stage. All boundary treatments to be agreed with affected landowners.



KEY

	Existing Trees Managed and Retained		Proposed mixed native Woodland planting
	Proposed Large Feature Trees clear stem		Attenuation Pond
	Proposed Large Avenue Trees clear stem		Cycle Lane
	Proposed Medium Street Trees clear stem		Concrete Footpath
	Proposed Medium Upright Trees		Low Stone Wall
	Amenity Grass		Post & Rail Fence
	Wildflower Meadow		Street Light Column
	Verge/median-tree lines to accommodate the inclusion of future development parking, shrub & ground covers		Noise Barrier

Key

Street Trees

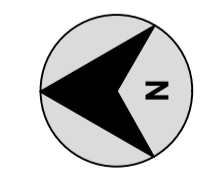
- Pp - Cherry (*Prunus padus* 'Fastigiata')
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- Gt - Golden Cappadocian Maple (*Acer cappadocicum* 'Aureum')
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- Ph - London Plane (*Platanus x hispanica*)
- Sa - Pin Oak (*Quercus palustris*)
- Ap - Sycamore (*Acer pseudoplatanus*)

Attenuation Area Trees

- Bp - Birch (*Betula pendula*)
- Sc - Goat Willow (*Salix capraea*)
- Ag - Alder (*Alnus glutinosa*)
- Pt - Aspen (*Populus tremula*)
- Ca - Hazel (*Corylus avellana*)

REV	DATE	AMENDMENT

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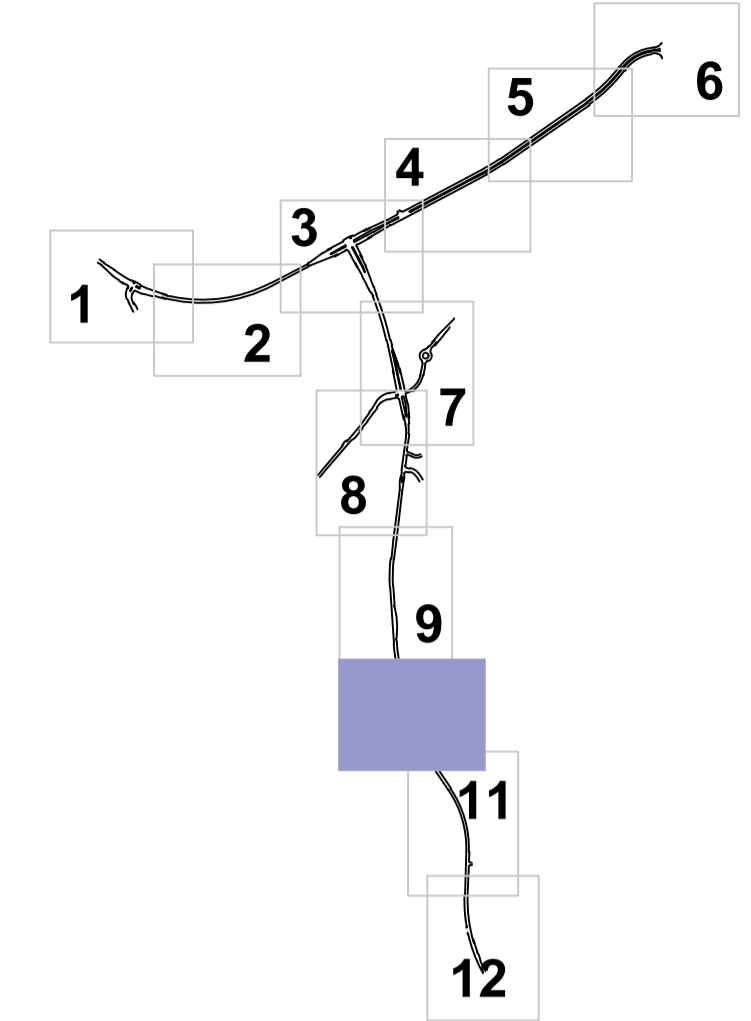
Note:
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PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
 DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DRAWING:
LANDSCAPE PLAN
 09 OF 12

DATE:	DECEMBER 2018
SCALE:	1:500@A1/1:1000@A3
DRAWN:	DL
CHECKED:	DOL
DRAWING NO:	17479-2-109
EIAR FIGURE REF:	12.9

Note:
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Key

Street Trees

- Pp - Cherry (*Prunus padus* 'Fastigiata')
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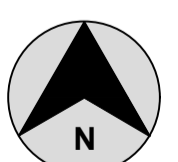
KEY

	Existing Trees Managed and Retained		Proposed mixed native Woodland planting
	Proposed Large Feature Trees clear stem		Attenuation Pond
	Proposed Large Avenue Trees clear stem		Cycle Lane
	Proposed Medium Street Trees clear stem		Concrete Footpath
	Proposed Medium Upright Trees		Low Stone Wall
	Amenity Grass		Post & Rail Fence
	Wildflower Meadow		Street Light Column
	Verge/median -tree lines to accommodate the inclusion of future development parking, shrub & ground covers		Noise Barrier

REV	DATE	AMENDMENT

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LAND PLANNING & DESIGN

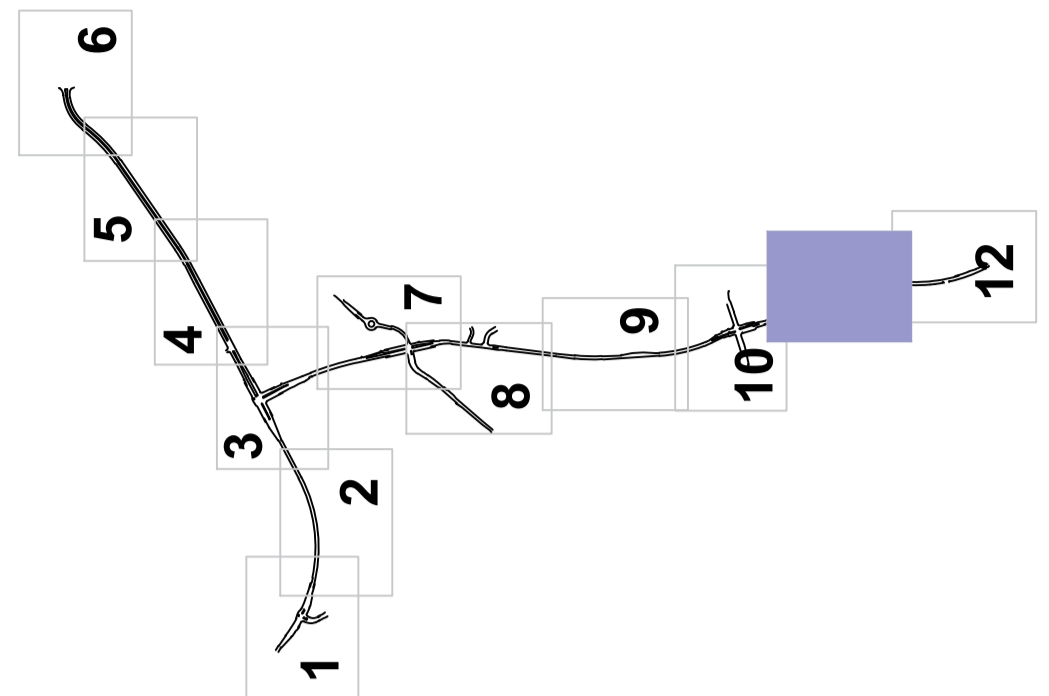
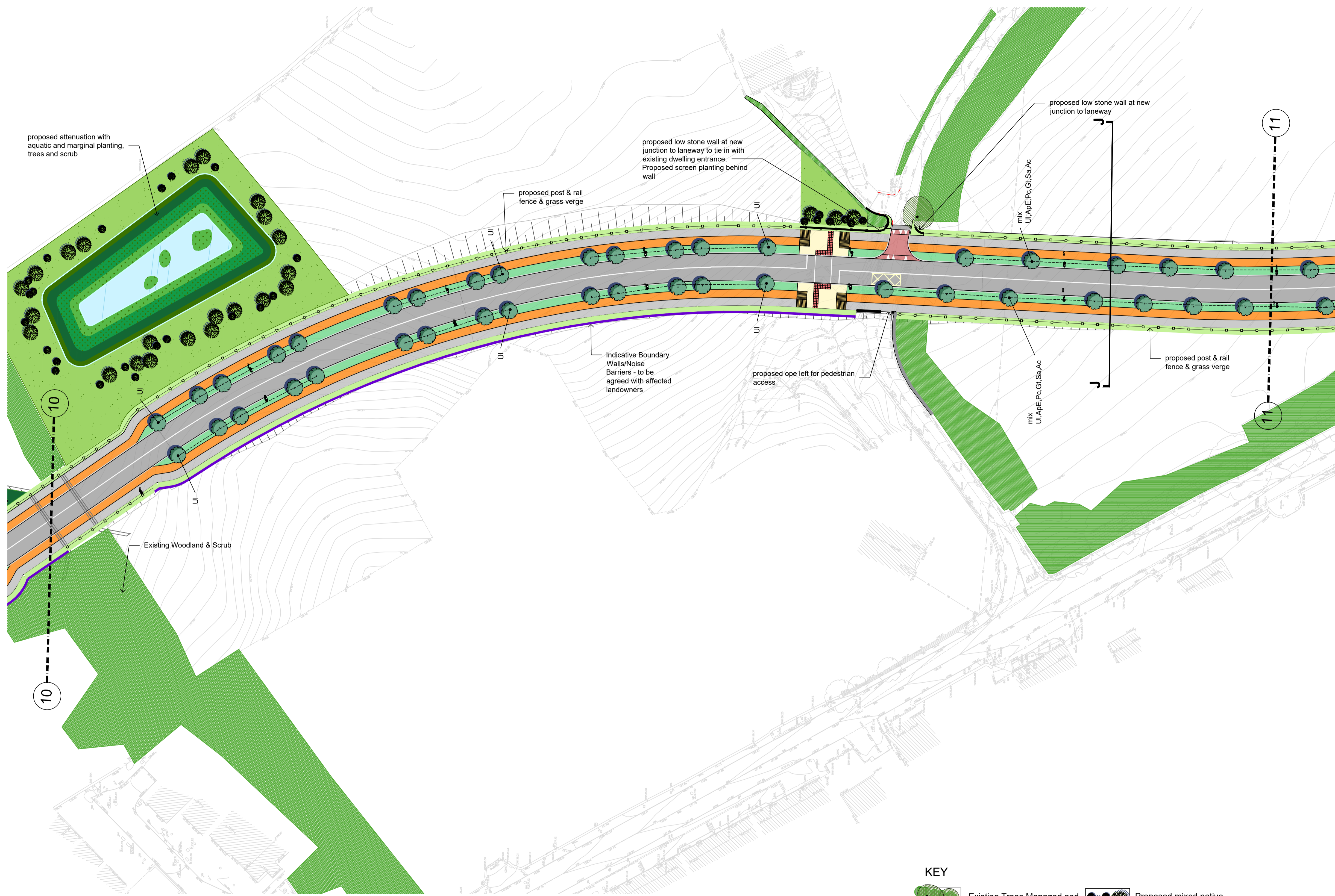
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PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

DRAWING:
LANDSCAPE PLAN
 10 OF 12

DATE:	DECEMBER 2018
SCALE:	1:500@A1/1:1000@A3
DRAWN:	DL
CHECKED:	DOL
DRAWING NO:	17479-2-110
EIAR FIGURE REF:	12.10



Note:
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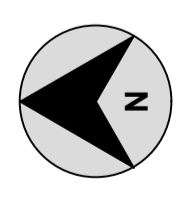
- Key**
- Street Trees**
- Pp - Cherry (*Prunus padus* 'Fastigiata')
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- KEY**
- Existing Trees Managed and Retained
 - Proposed Large Feature Trees clear stem
 - Proposed Large Avenue Trees clear stem
 - Proposed Medium Street Trees clear stem
 - Proposed Medium Upright Trees
 - Amenity Grass
 - Wildflower Meadow
 - Verge/median -tree lines to accommodate the inclusion of future development parking, shrub & ground covers
 - Proposed mixed native Woodland planting
 - Attenuation Pond
 - Cycle Lane
 - Concrete Footpath
 - Low Stone Wall
 - Post & Rail Fence
 - Street Light Column
 - Noise Barrier

REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS
LAND PLANNING & DESIGN

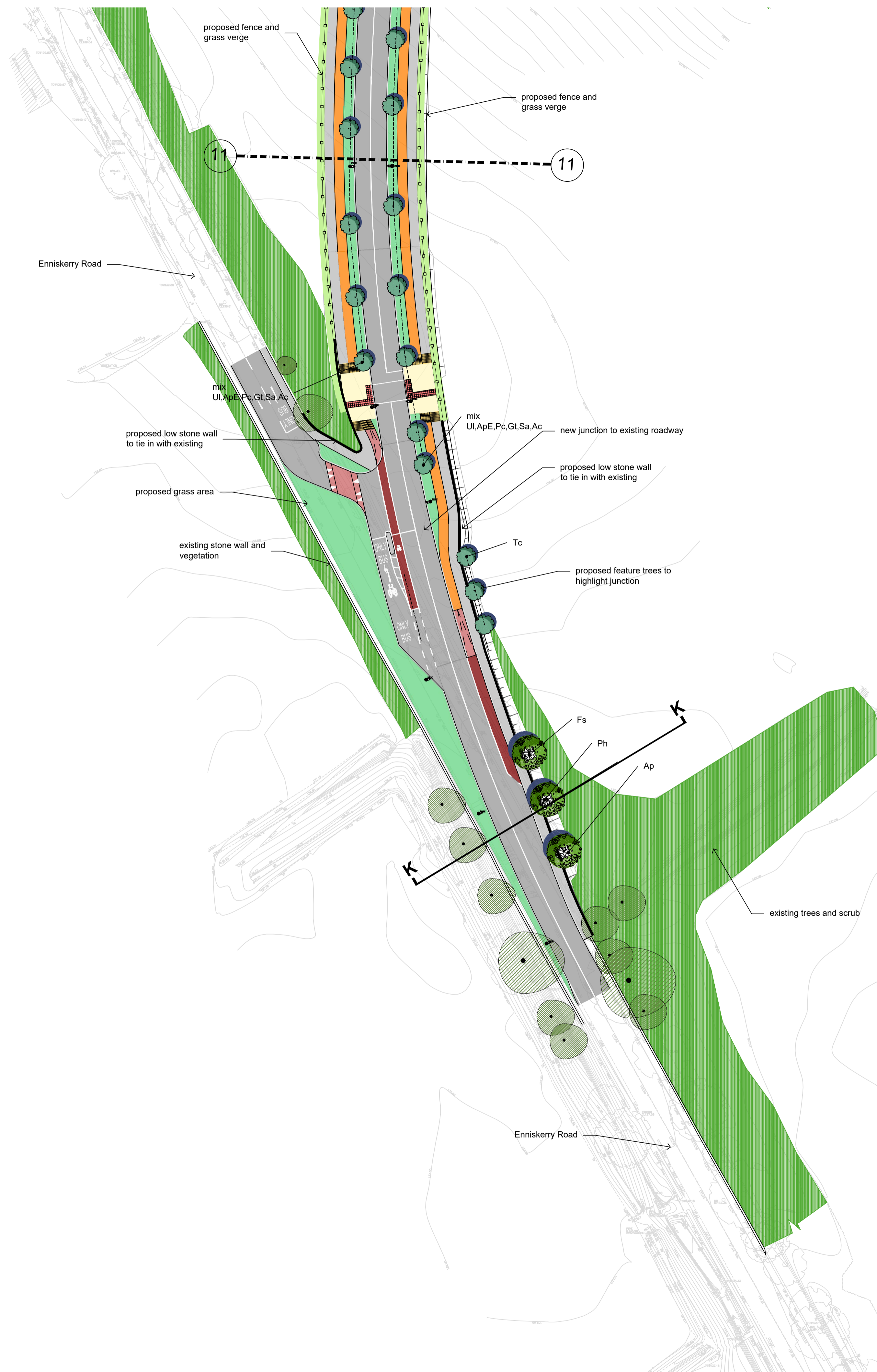
DUBLIN OFFICE
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PROJECT:
GLENAMUCK DISTRICT ROADS SCHEME
DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

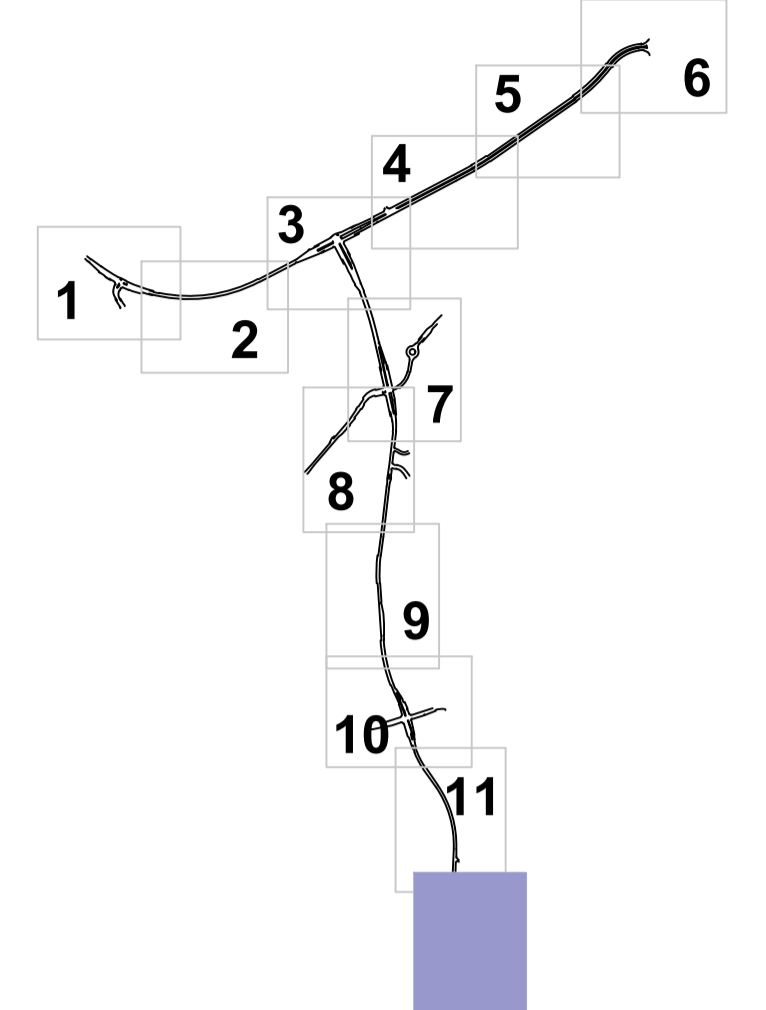
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LANDSCAPE PLAN
11 OF 12

DATE:	DECEMBER 2018
SCALE:	1:500@A1/1:1000@A3
DRAWN:	DL
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DRAWING NO:	17479-2-111
EIAR FIGURE REF:	12.11



KEY

	Existing Trees Managed and Retained		Proposed mixed native Woodland planting
	Proposed Large Feature Trees clear stem		Attenuation Pond
	Proposed Large Avenue Trees clear stem		Cycle Lane
	Proposed Medium Street Trees clear stem		Concrete Footpath
	Proposed Medium Upright Trees		Low Stone Wall
	Amenity Grass		Post & Rail Fence
	Wildflower Meadow		Street Light Column
	Verge/median-tree lines to accommodate the inclusion of future development parking, shrub & ground covers		Noise Barrier



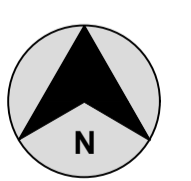
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- Street Trees**
- Pp - Cherry (*Prunus padus* 'Fastigiata')
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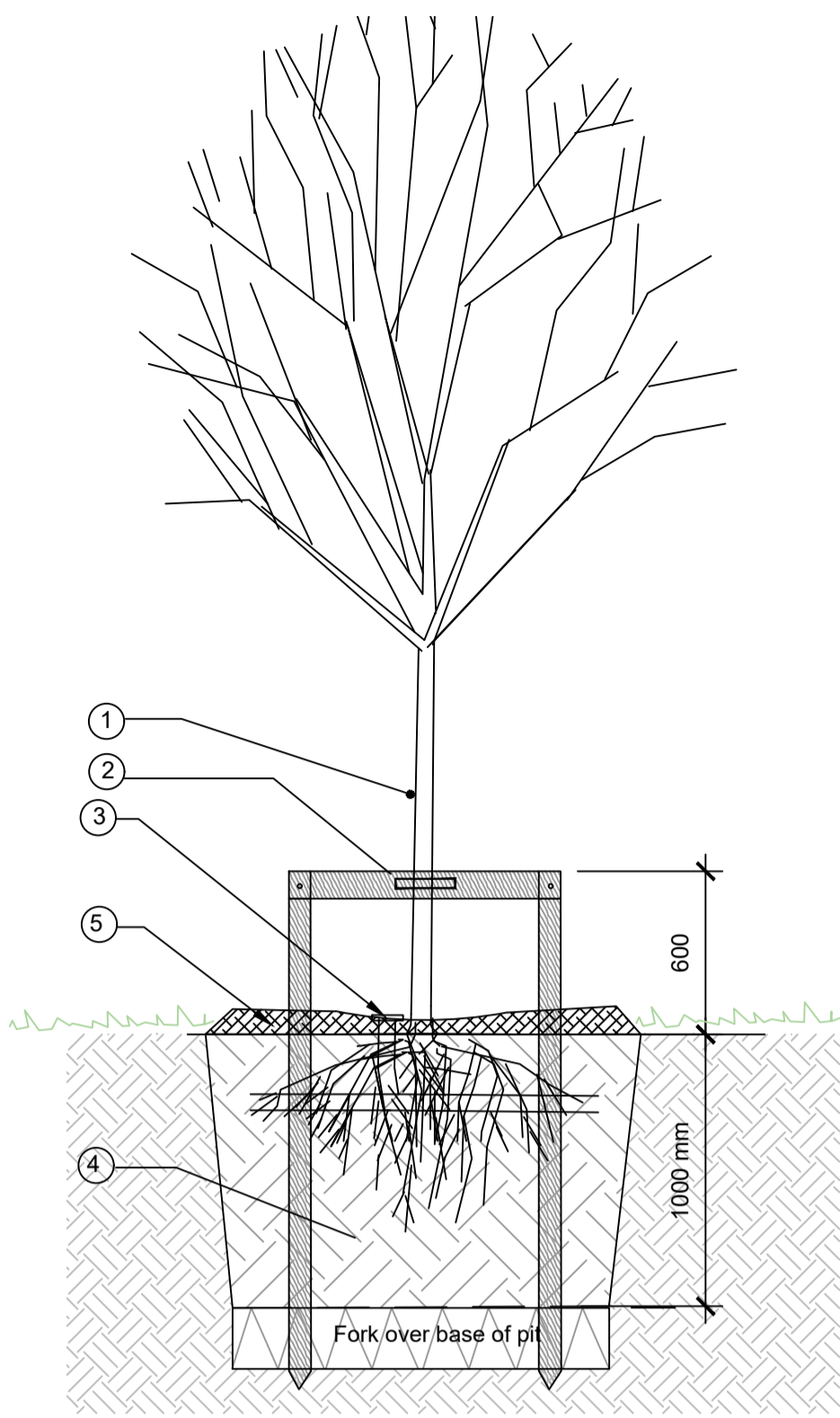
REV	DATE	AMENDMENT

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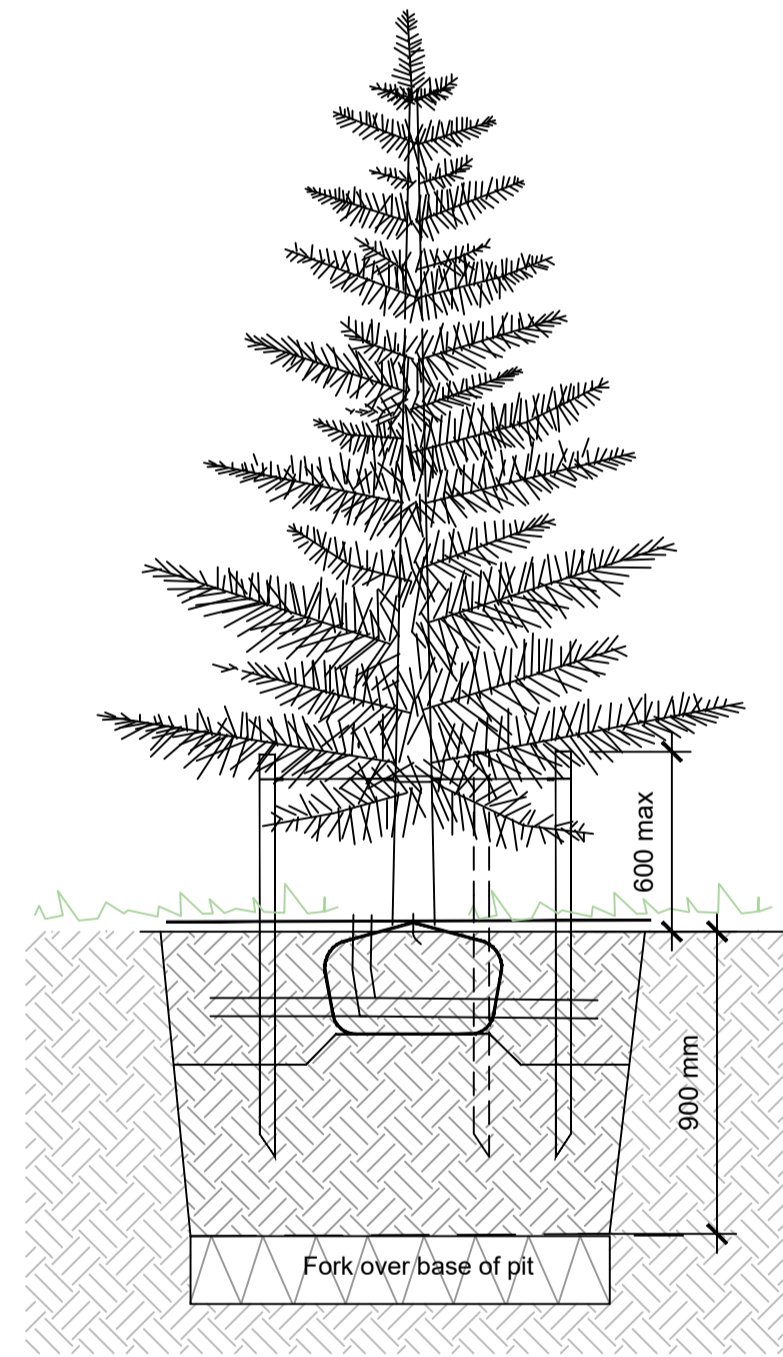
PROJECT: GLENAMUCK DISTRICT ROADS SCHEME DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL DRAWING: LANDSCAPE PLAN 12 OF 12	DATE:	DECEMBER 2018
	SCALE:	1:500@A1/1:1000@A3
	DRAWN:	DL
	CHECKED:	DOL
	DRAWING NO:	17479-2-112
	EIAR FIGURE REF:	12.12



NOTES

- ① To have a clear stem height of 2m.
- ② 2no. 75 mm diameter stakes pressure treated driven 1300 mm below ground 600 mm above ground with specified biodegradable adjustable tie affixed to tree & stake.
- ③ 60mm diameter perforated flexible plastic drainage pipe positioned as shown over rootball with one end open to surface to facilitate watering.
- ④ Pits to be size 1200 x 1200 x 1000 mm or 150mm wider than rootball which ever is greater. Remove the full depth of topsoil and set aside for reuse if of good quality, otherwise import good quality top soil. Scarify sides and incorporate a soil ameliorant into base. Back fill pit with topsoil mixed with soil ameliorants in 150 mm firmed-in layers. All planting to receive a minimum of 25 lt water per m2 immediately after planting.
- ⑤ 50mm bark mulch in 1000mm dia circle to base of trunk.
- ⑥ Adjoining road kerb & surface
- ⑦ Adjoining path surface

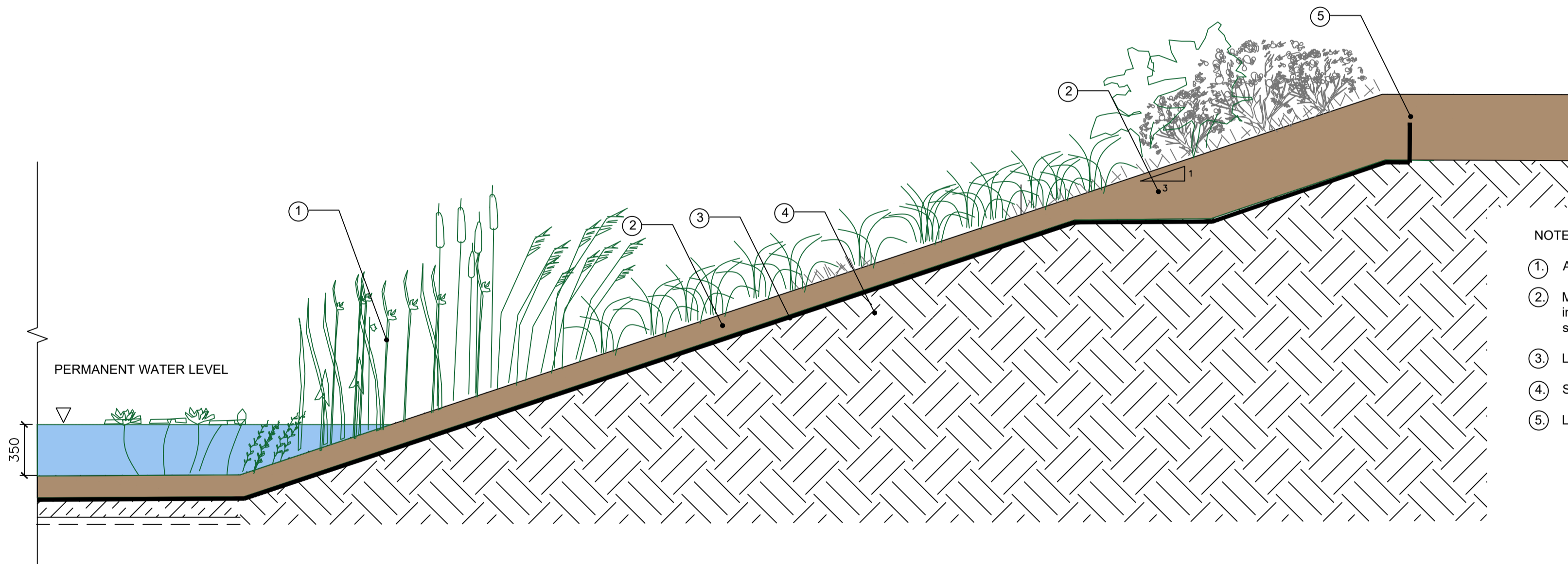
V01 Tree Pit Detail in Grass
SCALE: 1: 25@A1/1: 50@A3



NOTES

1. 3no. 75mm Ø stakes pressure treated driven 1300mm below ground 400-600mm above ground, (depending on the height of the tree) with specified biodegradable rubber hose around wire at tree and nailed to stakes. Locate stakes 450mm from tree trunk.
2. 50mm mulch, as per spec., to base in 600mm dia. circle.
3. Pits to be min size 1000 x 1000 x 900mm or 300mm wider than rootball, which ever is greater. Remove the full depth of topsoil and set aside for reuse is of good quality. Scarify sides, break up base of pit to a depth of 200mm and incorporate a soil ameliorant. Fold down or cut and remove top 1/3 of burlap. If non-biodegradable wrap is used, remove totally. All planting to receive a minimum of 5-10lt water per m² immediately after planting.

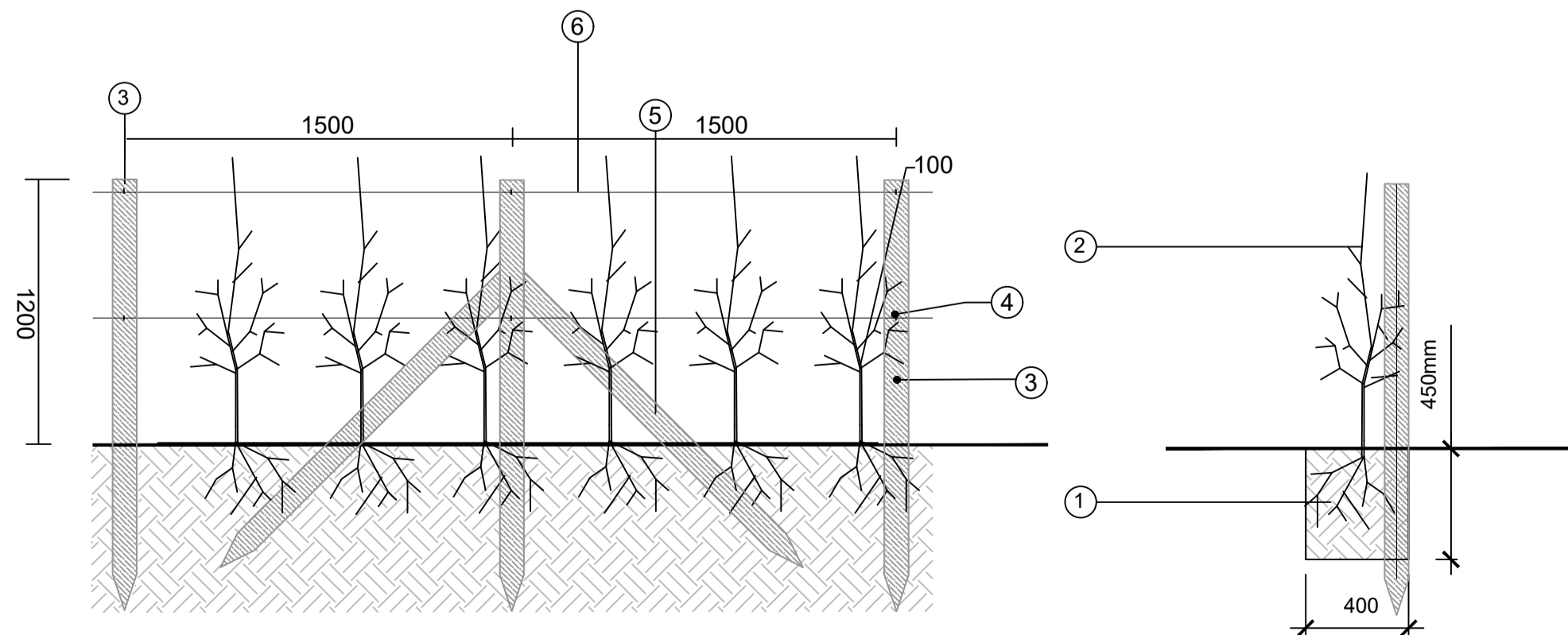
V03 Small Conifer/Feathered Tree Planting Detail
SCALE: 1: 25@A1/1: 50@A3



NOTES

- ① Aquatic and marginal planting to bank.
- ② Min 150mm topsoil planting substrate (depth of topsoil to increase to min 450mm over liner to accommodate larger shrubs) on
- ③ Liner (see engineers specification) on
- ④ Subsoil
- ⑤ Liner anchor point (see engineers specification)

V05 Aquatic & Marginal Planting Detail
SCALE: 1: 25@A1/1: 50@A3



NOTES :

Planting Transplants:

- ① The transplant planting is to be carried out single trenches dug 400 mm wide x 300 mm deep and to the required length. Mix the dug soil with the spec. ameliorants. Break up the soil in the base of the trench by 150 mm.
- ② Prepare the plants by: pruning back any damaged roots to healthy growth; placing roots of waiting plants in water whilst planting; applying an approved root-dip. Place the plants in the trench, 300 mm between the plants in the row. Backfill the trench to half its depth and firm by treading. Continue planting the trench. Once planted, backfill with the remaining soil and firm as before. Prior to new growth cut the plants hard back to within 300 mm of the ground to encourage bushy growth from the base.

FENCING NOTES : (if required for wind conditions on bund)

- ③ 1800 mm treated timber stakes driven securely into existing ground. Fencing to be positioned where there is no other wall / fence / railing beside a hedge.
- ④ Galvanized steel 100 mm gauge 'single wire' tensioned and securely fastened to posts using galvanized steel staples.
- ⑤ 1800 mm treated timber strainer posts every 15 m, change of direction, and for end of each run.

V04 Transplants with 1.2m high temporary support fence
SCALE: 1: 25@A1/1: 50@A3

NOTES

GENERAL CLEARANCE BEFORE PLANTING AND SPREADING TOPSOIL

1. All rubble, stone over 150mm, general rubbish and builders' debris to be cleared from the proposed planting areas to the depth of the cultivated medium depending if trees, shrubs or grass (see spec for depths) and removed from site to an approved tip prior to any cultivation works.
2. The planting area shall be treated with an approved herbicide 2 weeks before spreading topsoil.

SITE PREPARATION

1. Following control of weeds, the entire area shall be leveled to a medium grade prior to topsoil being spread.
2. Topsoil to be cultivated so free of grass, pernicious weeds or and weed seed, stones larger than 50mm and other debris. Grade topsoil layer then remove stones larger than 30mm.
3. Topsoil to be spread in 150mm layers and gently firmed. Subsoil to be spread in 300mm layers and gently firmed.

PLANT MATERIAL

1. All plant material shall be pest and disease free.
2. Topsoil shall be supplied in accordance with BS3882.
3. All plants to be planted at the same depth as previously grown.
4. Sufficient soil must be removed to allow all roots to fully spread. Care must be taken with root systems - with dry or damaged roots are to be carefully pruned prior to planting.

PLANTING

General

Times of year for planting:

- Deciduous trees and shrubs : November to March.
- Conifers and evergreens : November to March.
- Container grown plants : At any time if ground and weather conditions are favorable.
 - Watering and weed control : Provide as necessary.

Refer to Plant Schedule for species, sizes and planting densities.

Whips/shrubs

1. All whips/shrubs to be pit planted as per detail.
2. Soil ameliorants can be premixed with the soil applied or mixed in during planting.
3. Soil ameliorants to consist of an approved compost at 10L per m²; and 50g/m² of 10.10.10 NPK slow release fertilizer.

Trees

1. Soil ameliorants to consist of an approved compost, at 20L for each feathered tree, 35L for each 14-16cm girth tree and 45L for each 18-20cm girth tree and 150g/m² of 10.8.4 NPK slow release fertilizer.
2. For further details, see drawing no. tree planting details.

Hedges

1. Soil ameliorants can be premixed with the soil applied or mixed in during planting, but must be through full width of trench.
2. Soil ameliorants to consist of an approved compost at 10L per m²; and 50g/m² of 10.8.4 NPK slow release fertilizer.

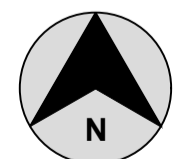
All planting to be watered thoroughly immediately after planting without damaging or displacing plants or soil.

A 01/03/2019 amended notes

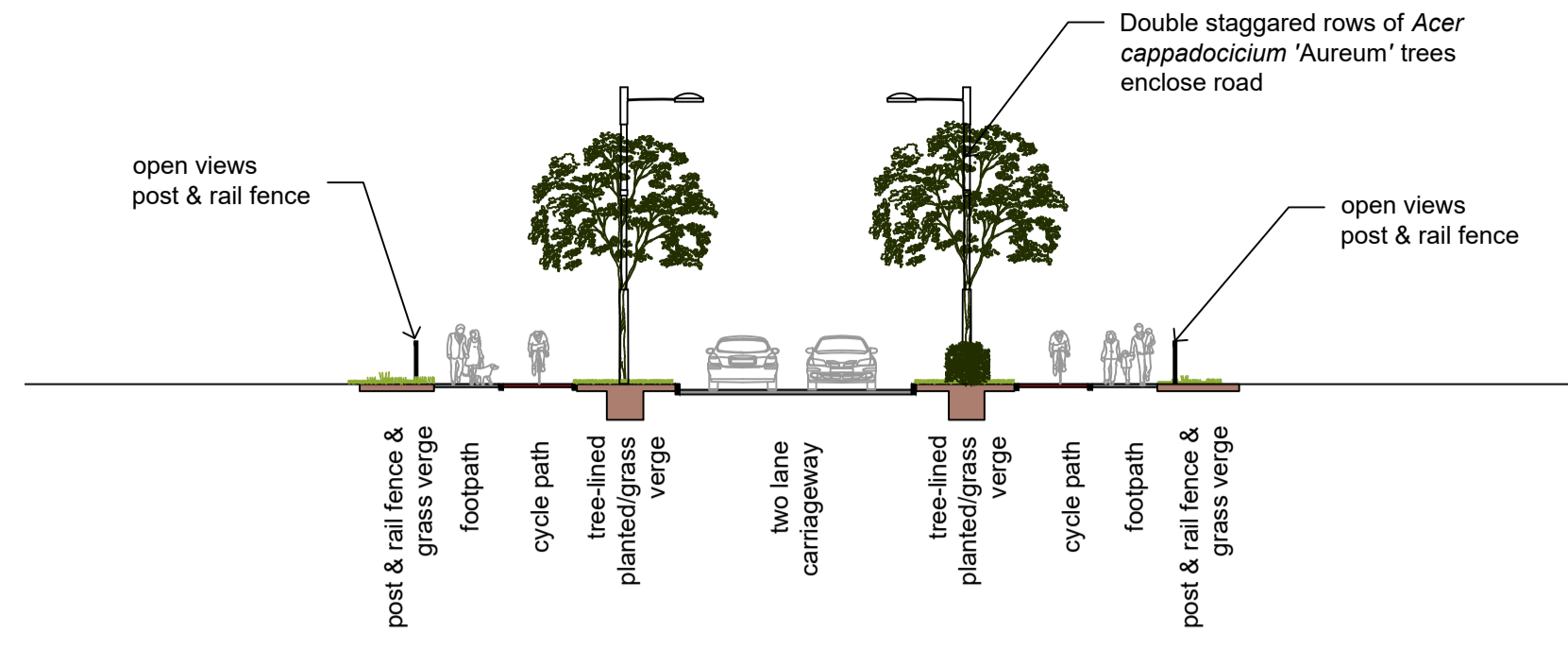
REV	DATE	AMENDMENT

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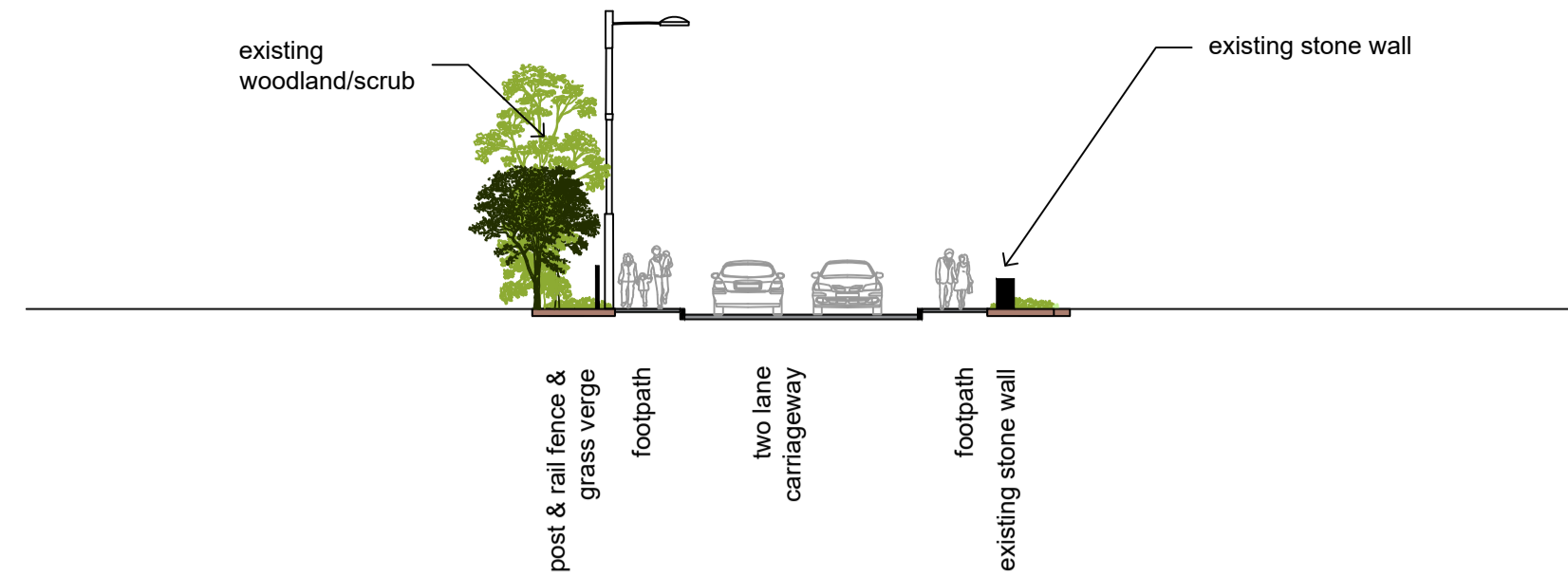
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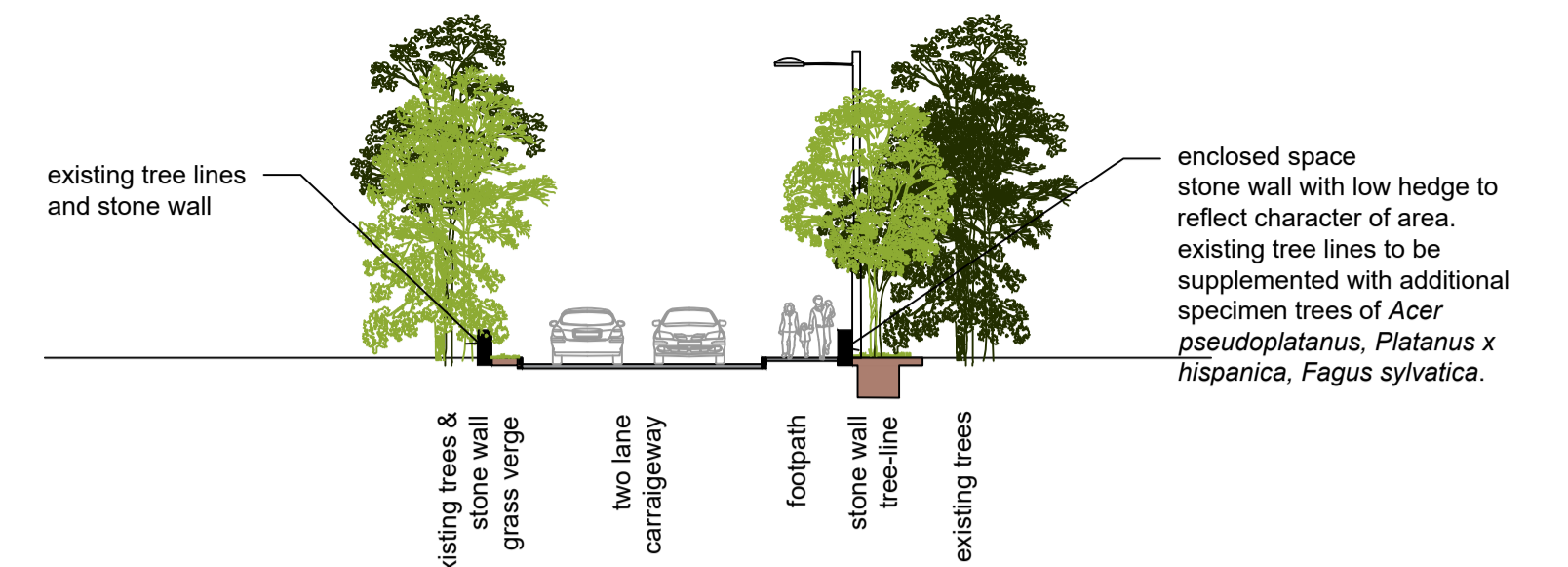
PROJECT: GLENAMUCK DISTRICT ROAD SCHEME DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL	DATE: DECEMBER 2018
DRAWING: PLANTING DETAILS	SCALE: 1:25 @ A1
CHECKED:	DRAWN: DL
DRAWING NO: 17479-2-901	CHECKED:
EIAR FIGURE REF: 12.13	



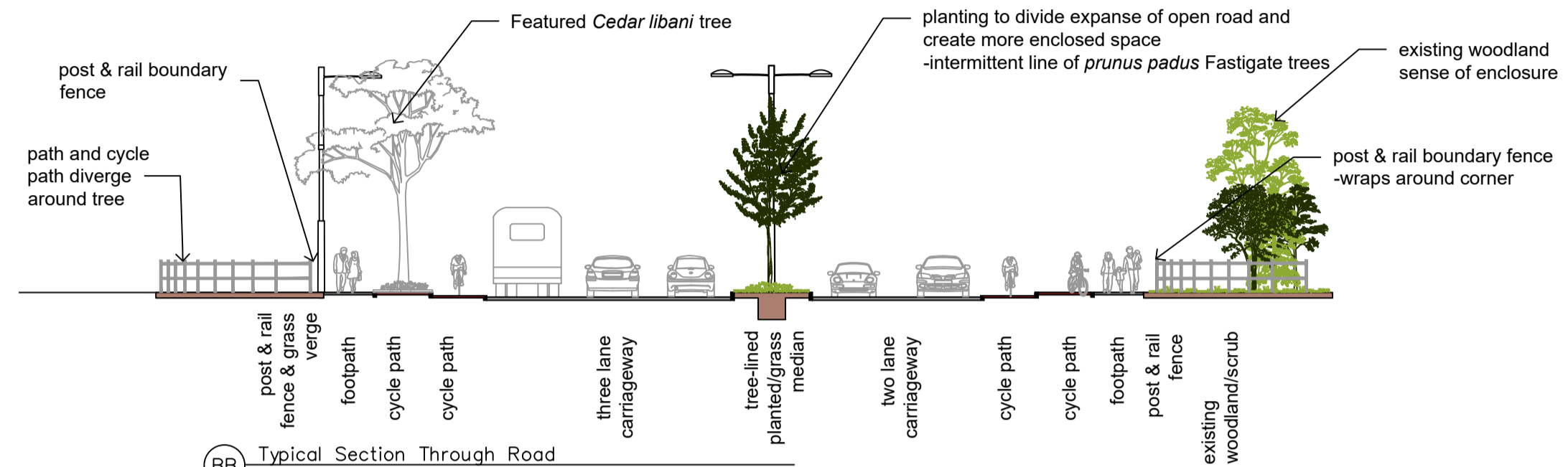
AA Typical Section Through Road
SCALE: 1:200 @ A1



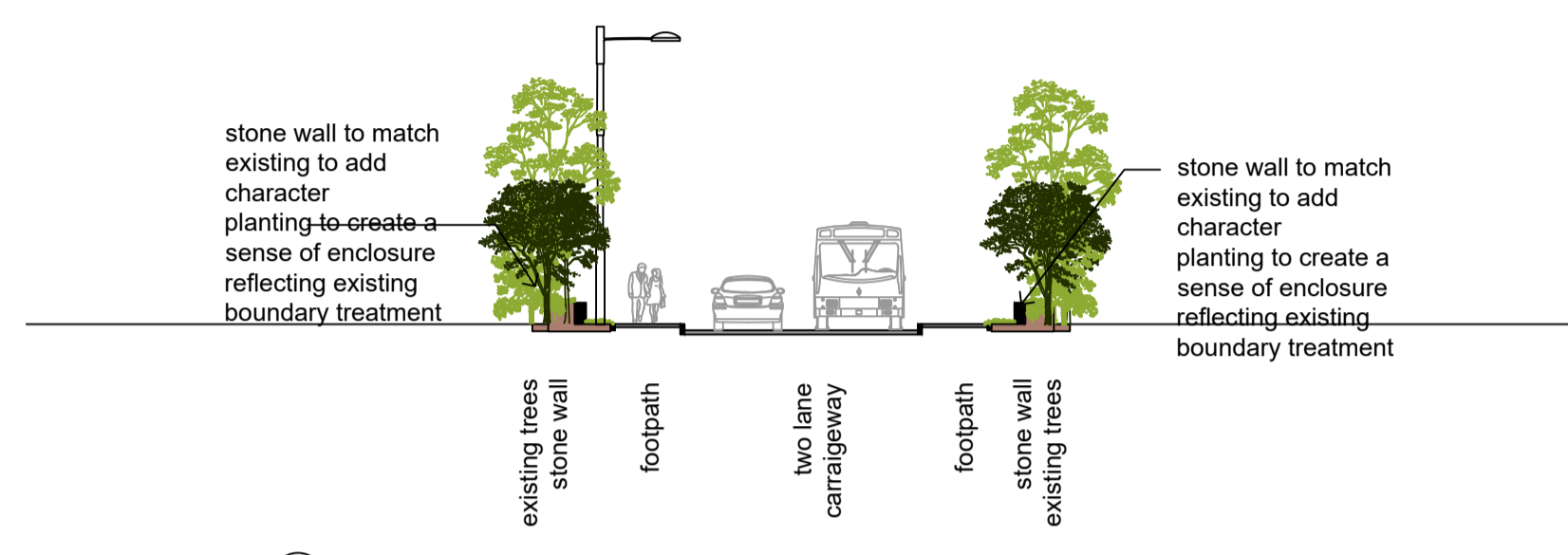
FF Typical Section Through Road
SCALE: 1:200 @ A1



KK Typical Section Through Road
SCALE: 1:200 @ A1

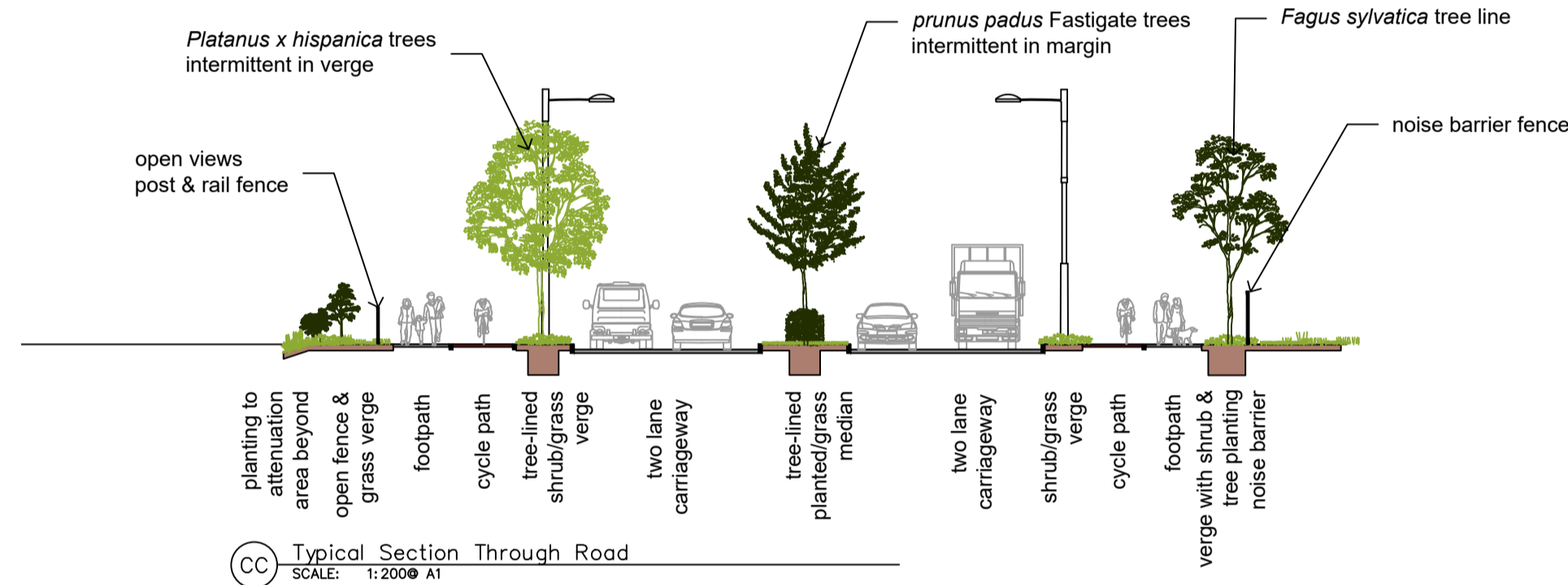


BB Typical Section Through Road
SCALE: 1:200 @ A1

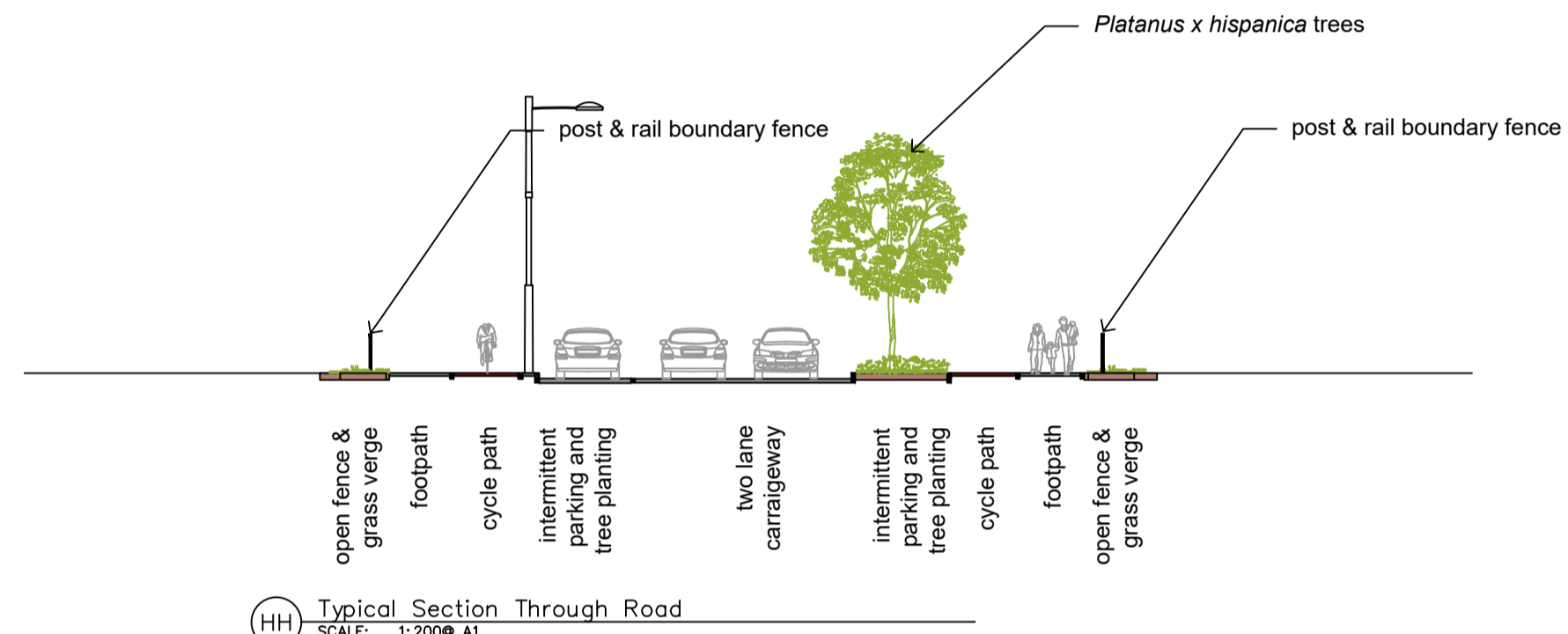


GG Typical Section Through Road
SCALE: 1:200 @ A1

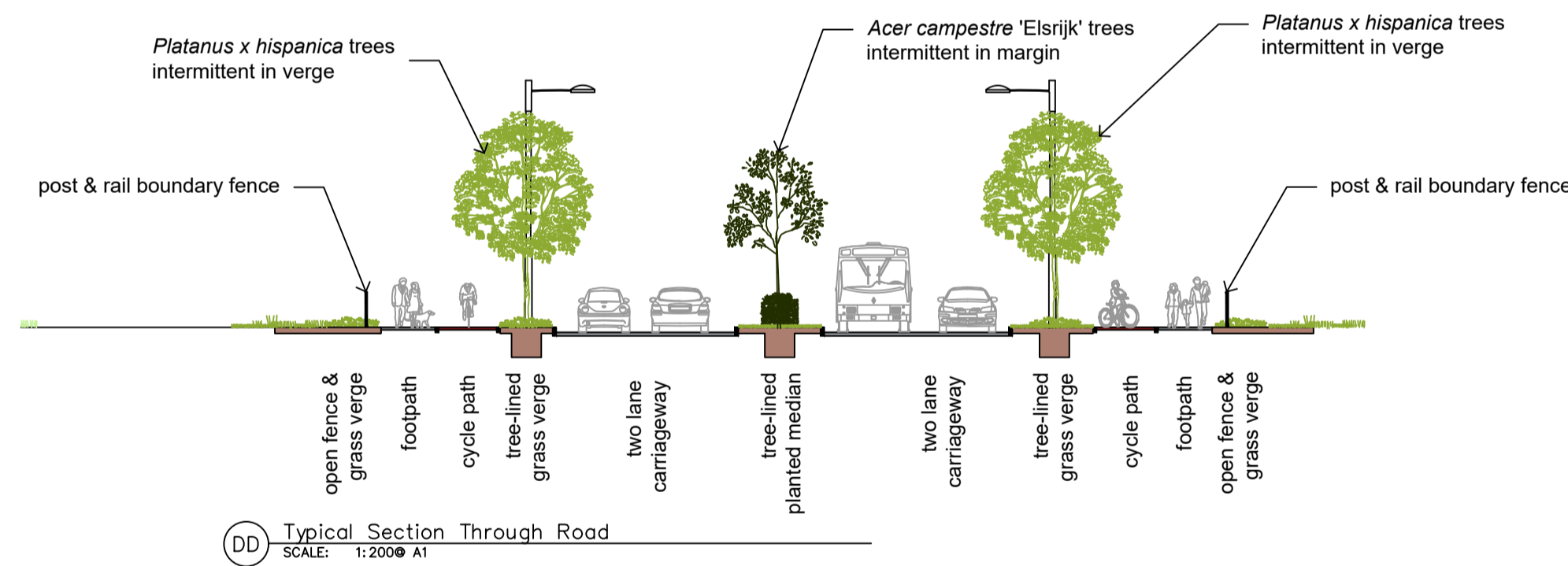
NOTE:
SEE DWG 17479-2-100 FOR SECTION LOCATIONS DETAIL.
ALL LANDSCAPE DETAILS SHOWN ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED AT DETAIL DESIGN STAGE. ALL BOUNDARY TREATMENTS TO BE AGREED WITH AFFECTED LANDOWNERS.



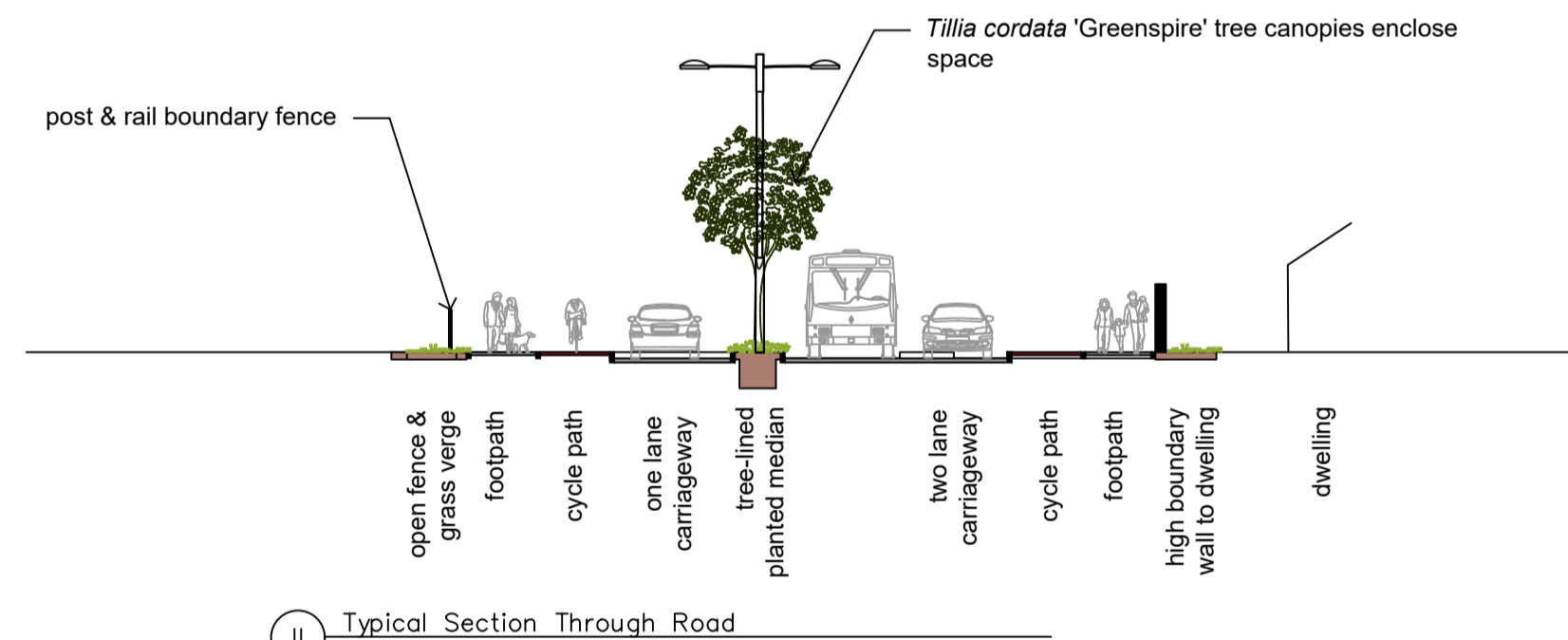
CC Typical Section Through Road
SCALE: 1:200 @ A1



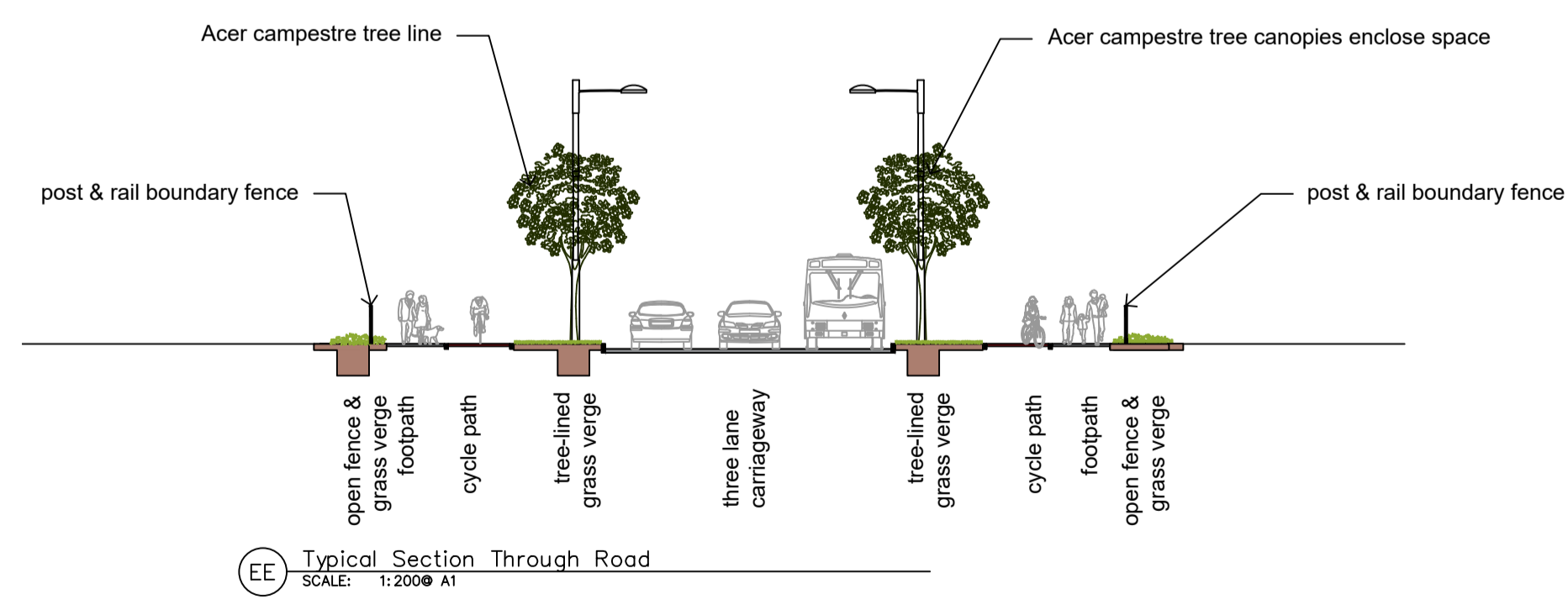
HH Typical Section Through Road
SCALE: 1:200 @ A1



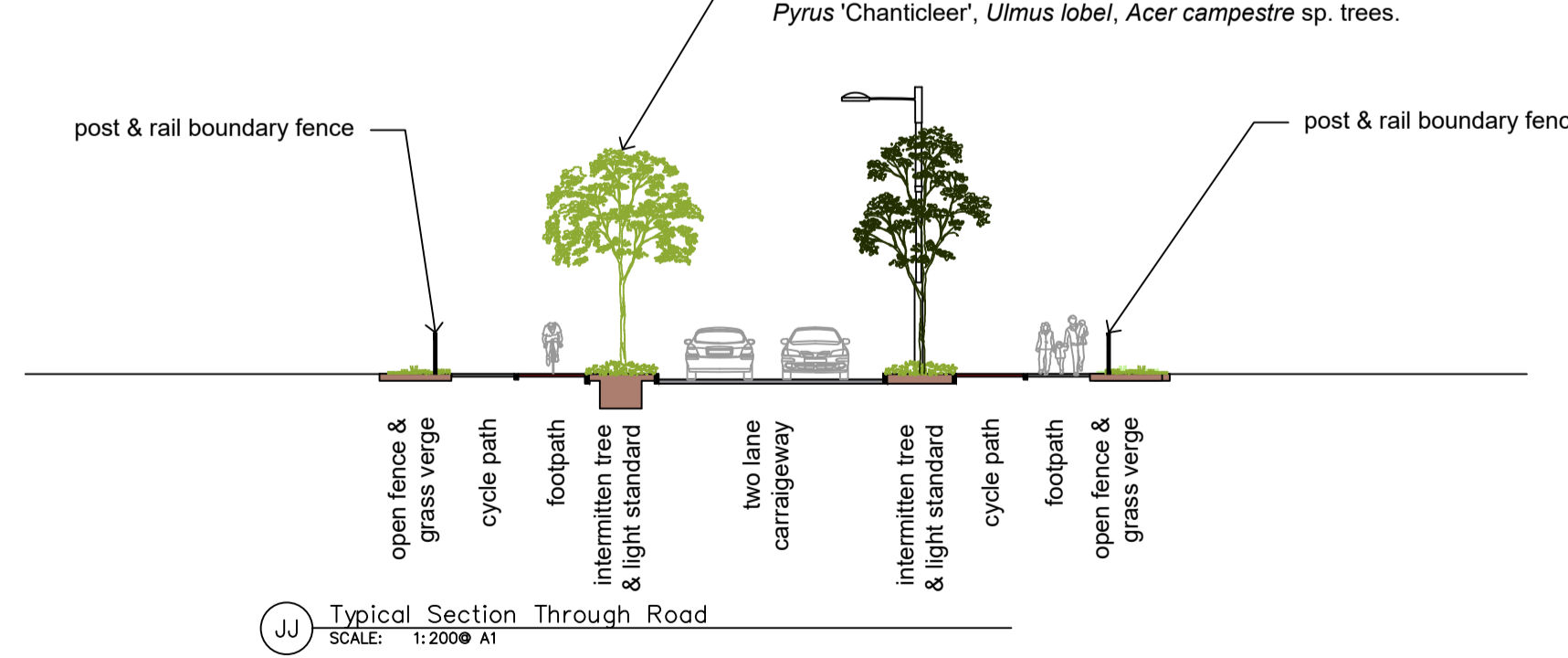
DD Typical Section Through Road
SCALE: 1:200 @ A1



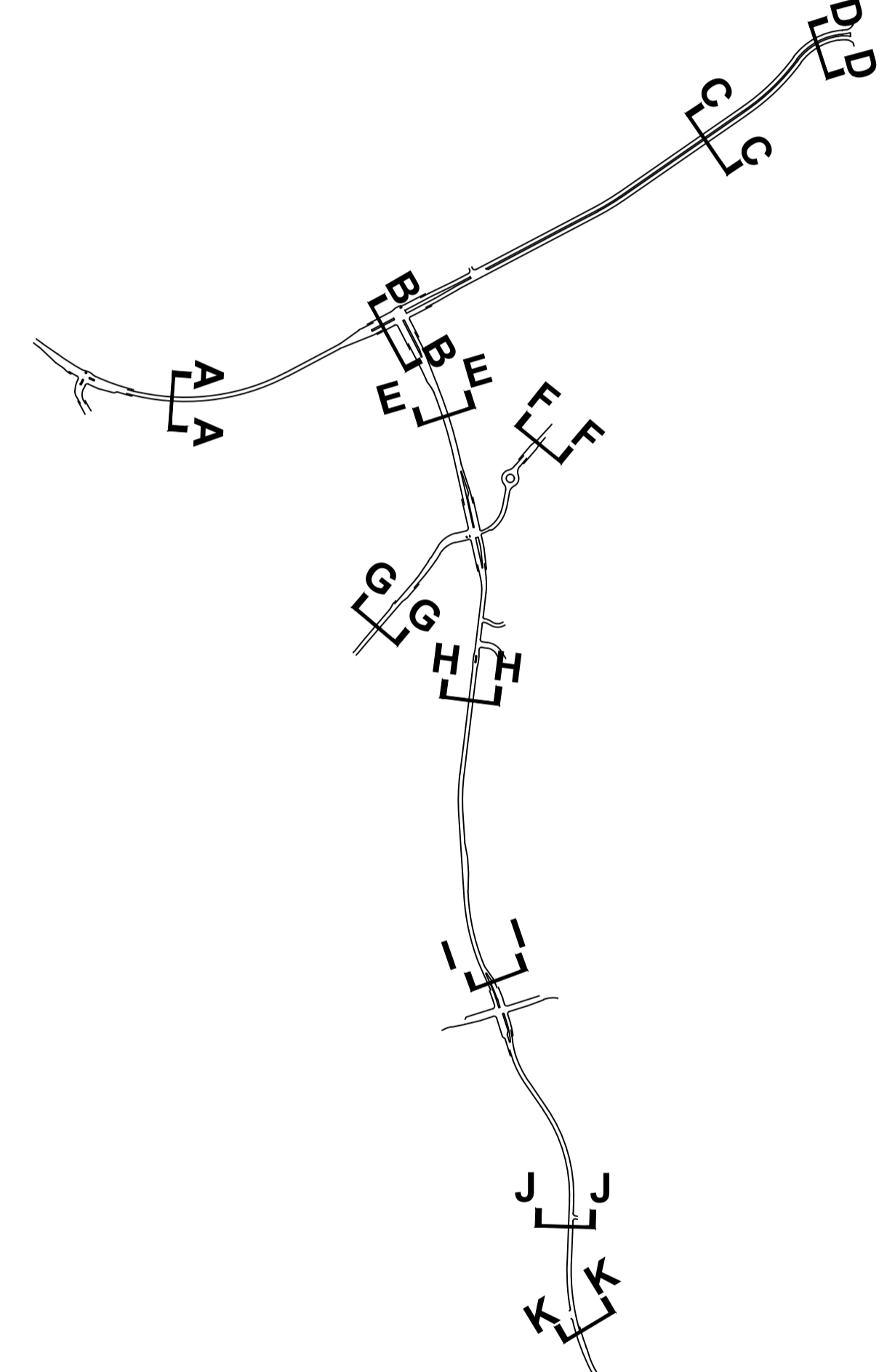
II Typical Section Through Road
SCALE: 1:200 @ A1



EE Typical Section Through Road
SCALE: 1:200 @ A1



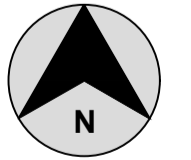
JU Typical Section Through Road
SCALE: 1:200 @ A1



REV	DATE	AMENDMENT
A	01/03/2019	amended notes

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PROJECT:	GLENAMUCK DISTRIBUTOR ROAD	DATE:	DECEMBER 2018
DRAWING:	LANDSCAPE SECTIONS	SCALE:	1:200 @ A1 / 1:400 @ A3
CHECKED:		DRAWN:	DL
DRAWING NO:	17479-2-201	CHECKED:	
EIAR FIGURE REF:	12.14	DRAWING NO:	