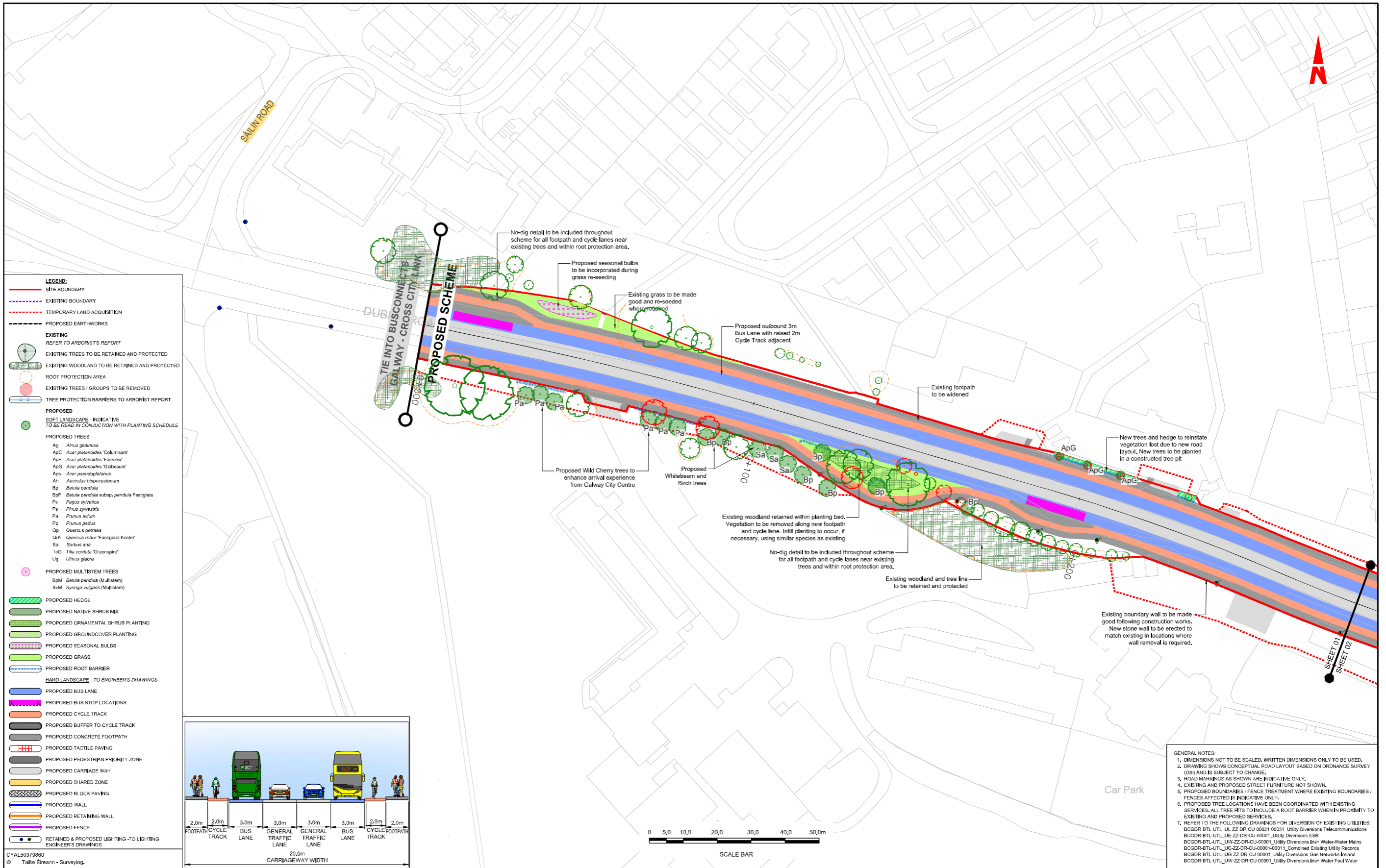
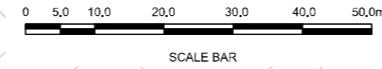
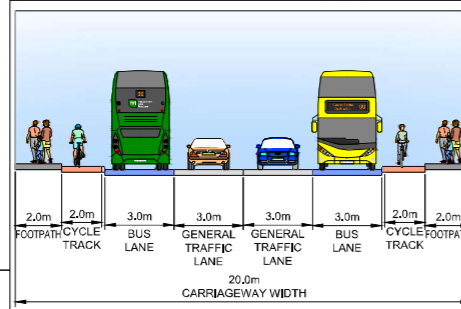


The image features a vibrant yellow background with abstract, overlapping shapes in shades of blue and green. These shapes include rounded rectangles, elongated ovals, and curved bands. Interspersed among these shapes are several white circles of varying sizes, some with thin colored outlines. The overall composition is dynamic and modern.

# Landscaping General Arrangement



CYAL50379880  
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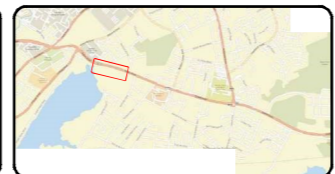


- GENERAL NOTES:
1. DIMENSIONS NOT TO BE SCALED. WRITTEN DIMENSIONS ONLY TO BE USED. (OS) AND IS SUBJECT TO CHANGE.
  2. DRAWING SHOWS CONCEPTUAL ROAD LAYOUT BASED ON ORDNANCE SURVEY (OS) AND IS SUBJECT TO CHANGE.
  3. ROAD MARKINGS AS SHOWN ARE INDICATIVE ONLY.
  4. EXISTING AND PROPOSED STREET FURNITURE NOT SHOWN.
  5. PROPOSED BOUNDARIES / FENCE TREATMENT WHERE EXISTING BOUNDARIES / FENCES AFFECTED IS INDICATIVE ONLY.
  6. PROPOSED TREE LOCATIONS HAVE BEEN COORDINATED WITH EXISTING SERVICES. ALL TREE FITS TO INCLUDE A ROOT BARRIER WHEN IN PROXIMITY TO EXISTING AND PROPOSED SERVICES.
  7. REFER TO THE FOLLOWING DRAWINGS FOR DIVERSION OF EXISTING UTILITIES:  
 BCGDR-BTL-UTL\_LA-ZZ-DR-CU-0002\_1\_Utility Diversions Telecommunications  
 BCGDR-BTL-UTL\_LA-ZZ-DR-CU-0001\_Utility Diversions ESB  
 BCGDR-BTL-UTL\_LA-ZZ-DR-CU-0001\_Utility Diversions Irish Water-Water Mains  
 BCGDR-BTL-UTL\_LA-ZZ-DR-CU-0001\_1\_Combined Existing Utility Racetracks  
 BCGDR-BTL-UTL\_LA-ZZ-DR-CU-0001\_Utility Diversions Gas Networks Ireland  
 BCGDR-BTL-UTL\_LA-ZZ-DR-CU-0001\_Utility Diversions Irish Water Foul Water

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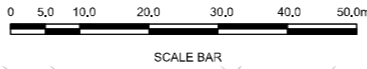
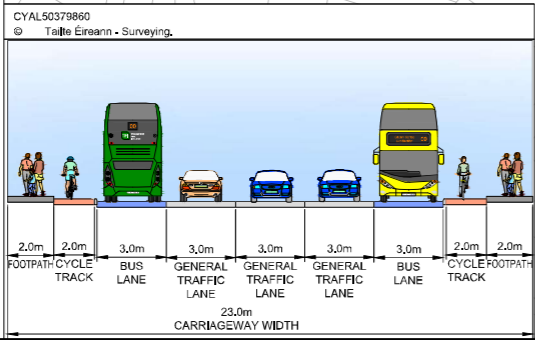
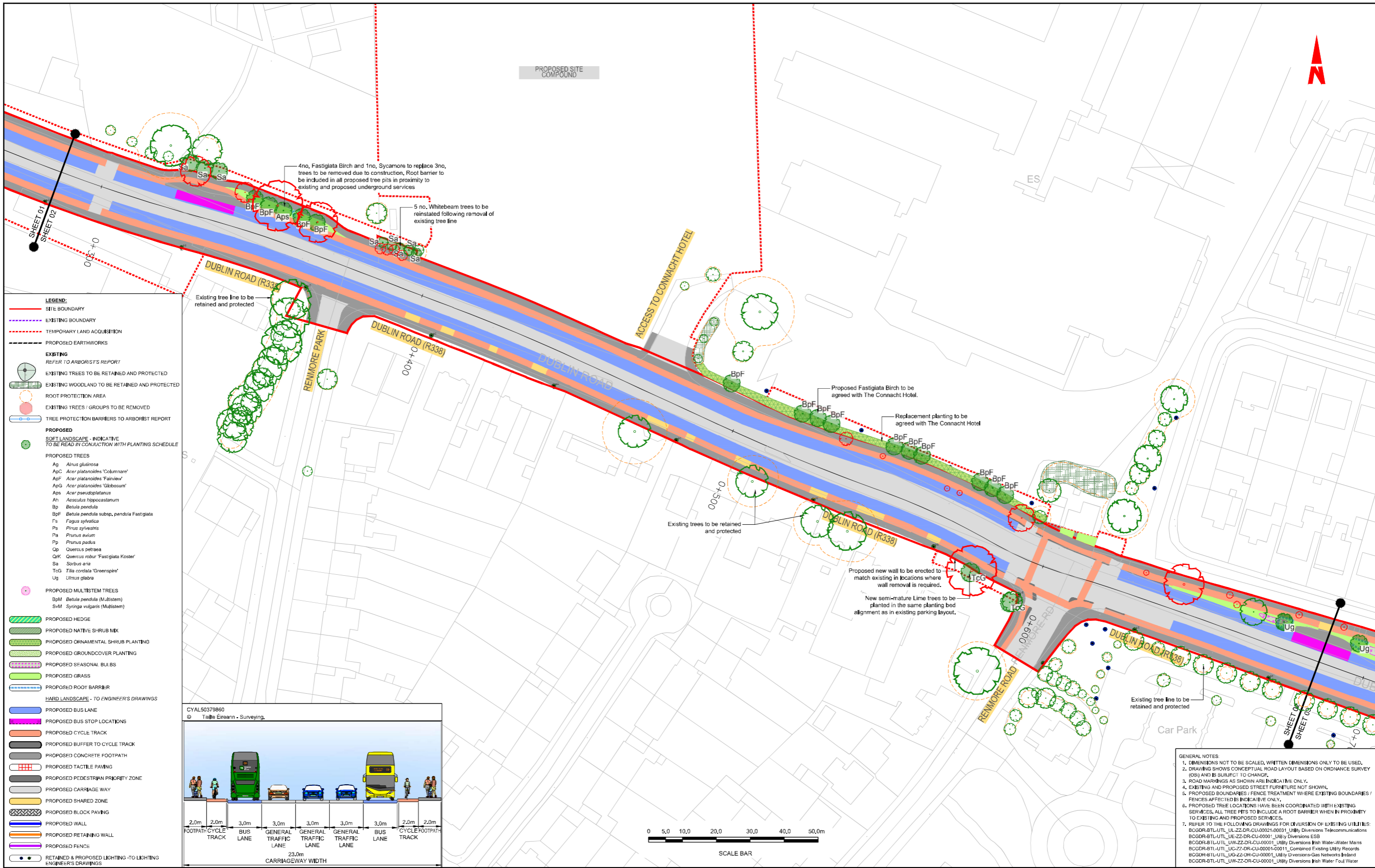
**BARRY TRANSPORTATION** @egis

JBA

Notes:  
DO NOT SCALE. Use figured dimensions only.  
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Rev.	Date	Drawn	Description	Chkd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

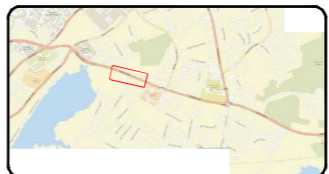
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Drawing Title:	LANDSCAPE GENERAL ARRANGEMENT SHEET 01 OF 11	Rev:	C01
Designed: MT	Drawing No. BCGDR-BTL-ENV_LA-XX-DR-CE-00001	Approved: CP	Scale at A1: 1:500
Reviewed: CP	Date: OCT 2023		



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NTA Údarás Náisiúnta Iompair National Transport Authority



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Rev.	Date	Drawn	Description	Chk'd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

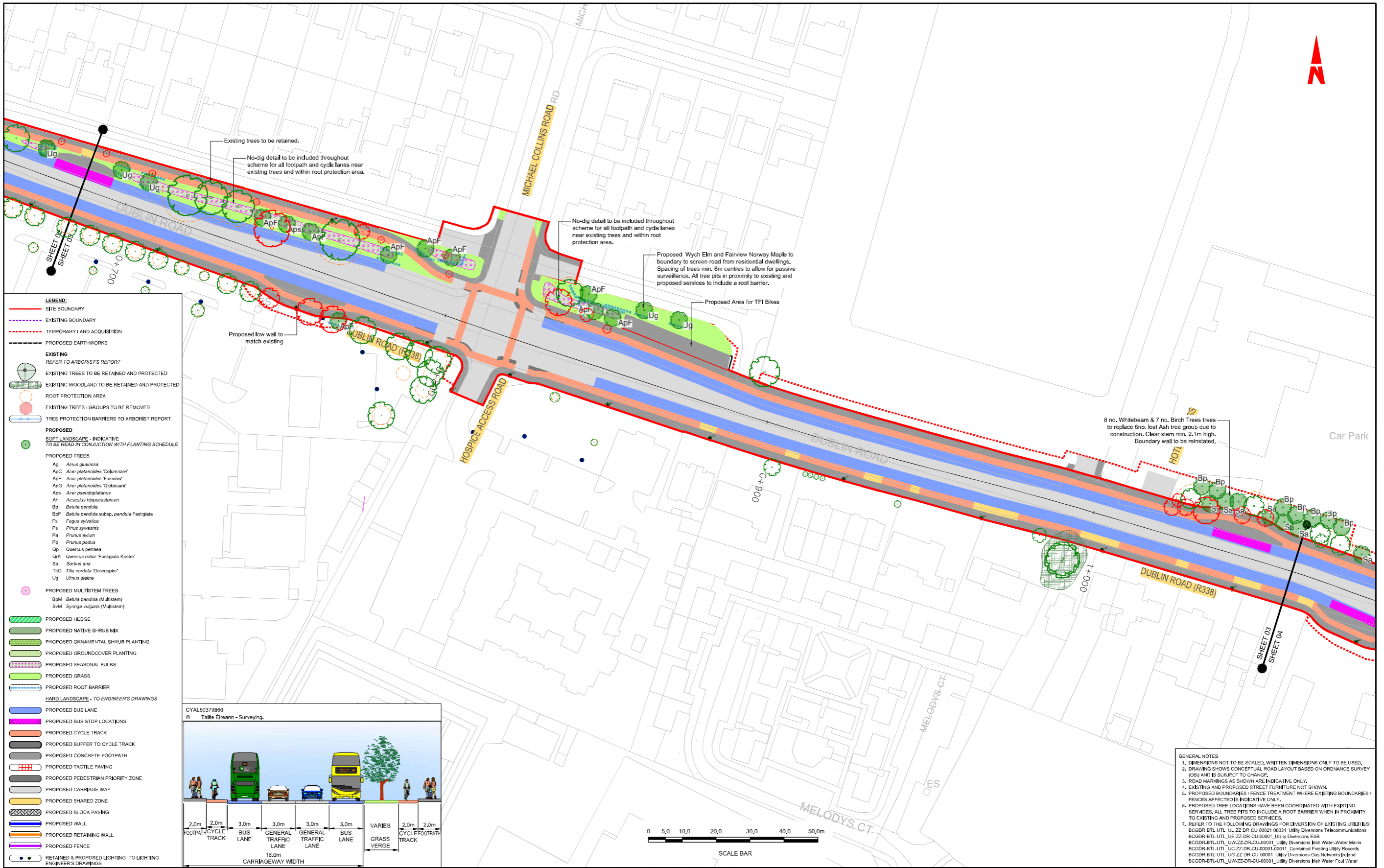
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Drawing Title: LANDSCAPE GENERAL ARRANGEMENT SHEET 02 OF 11

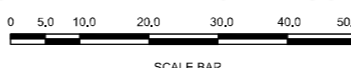
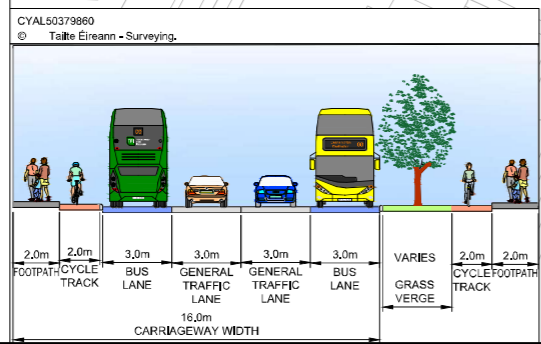
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Drawn: MT  
Approved: CP  
Reviewed: CP

Drawing No: BCGDR-BTL-ENV\_LA-XX-DR-CE-00002  
Scale at A1: 1:500  
Date: OCT 2023

Status: A1  
Rev: C01



- LEGEND:**
- SITE BOUNDARY
  - EXISTING BOUNDARY
  - TEMPORARY LAND ACQUISITION
  - PROPOSED EARTHWORKS
- EXISTING**  
REFER TO ARBORIST'S REPORT
- EXISTING TREES TO BE RETAINED AND PROTECTED
  - EXISTING WOODLAND TO BE RETAINED AND PROTECTED
  - ROOT PROTECTION AREA
  - EXISTING TREES / GROUPS TO BE REMOVED
  - TREE PROTECTION BARRIERS TO ARBORIST REPORT
- PROPOSED**  
SOFT LANDSCAPE - INDICATIVE  
TO BE READ IN CONJUNCTION WITH PLANTING SCHEDULE
- PROPOSED TREES**
- Ag *Alnus glutinosa*
  - ApC *Acer platanoides* 'Columnare'
  - ApF *Acer platanoides* 'Fairview'
  - ApG *Acer platanoides* 'Globosum'
  - Aps *Acer pseudoplatanus*
  - Ah *Aesculus hippocastanum*
  - Bp *Betula pendula*
  - BpF *Betula pendula* subsp. *pendula* Fastigiata
  - Fs *Fagus sylvatica*
  - Ps *Pinus sylvestris*
  - Pa *Prunus avium*
  - Pp *Prunus padus*
  - Qp *Quercus petraea*
  - QrK *Quercus robur* 'Fastigiata Koster'
  - Sa *Sorbus aria*
  - ToG *Tilia cordata* 'Greenspire'
  - Ug *Ulmus glabra*
- PROPOSED MULTISTEM TREES**
- BpM *Betula pendula* (Multistem)
  - SvM *Syringa vulgaris* (Multistem)
- PROPOSED HEDGE
  - PROPOSED NATIVE SHRUB MIX
  - PROPOSED ORNAMENTAL SHRUB PLANTING
  - PROPOSED GROUND COVER PLANTING
  - PROPOSED SEASONAL BULBS
  - PROPOSED GRASS
  - PROPOSED ROOT BARRIER
- HARD LANDSCAPE - TO ENGINEER'S DRAWINGS**
- PROPOSED BUS LANE
  - PROPOSED BUS STOP LOCATIONS
  - PROPOSED CYCLE TRACK
  - PROPOSED BUFFER TO CYCLE TRACK
  - PROPOSED CONCRETE FOOTPATH
  - PROPOSED TACTILE PAVING
  - PROPOSED PEDESTRIAN PRIORITY ZONE
  - PROPOSED CARRIAGE WAY
  - PROPOSED SHARED ZONE
  - PROPOSED BLOCK PAVING
  - PROPOSED WALL
  - PROPOSED RETAINING WALL
  - PROPOSED FENCE
  - RETAINED & PROPOSED LIGHTING - TO LIGHTING ENGINEER'S DRAWINGS



- GENERAL NOTES:**
- DIMENSIONS NOT TO BE SCALED, WRITTEN DIMENSIONS ONLY TO BE USED.
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  - PROPOSED BOUNDARIES / FENCE TREATMENT WHERE EXISTING BOUNDARIES / FENCES AFFECTED IS INDICATIVE ONLY.
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  - REFER TO THE FOLLOWING DRAWINGS FOR DIVERSION OF EXISTING UTILITIES:  
BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0003\_Utility Diversions Telecommunications  
BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_Utility Diversions ESS  
BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_Utility Diversions Irish Water-Water Mains  
BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_Utility Diversions Gas Networks Ireland  
BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_Utility Diversions Irish Water-Food Water

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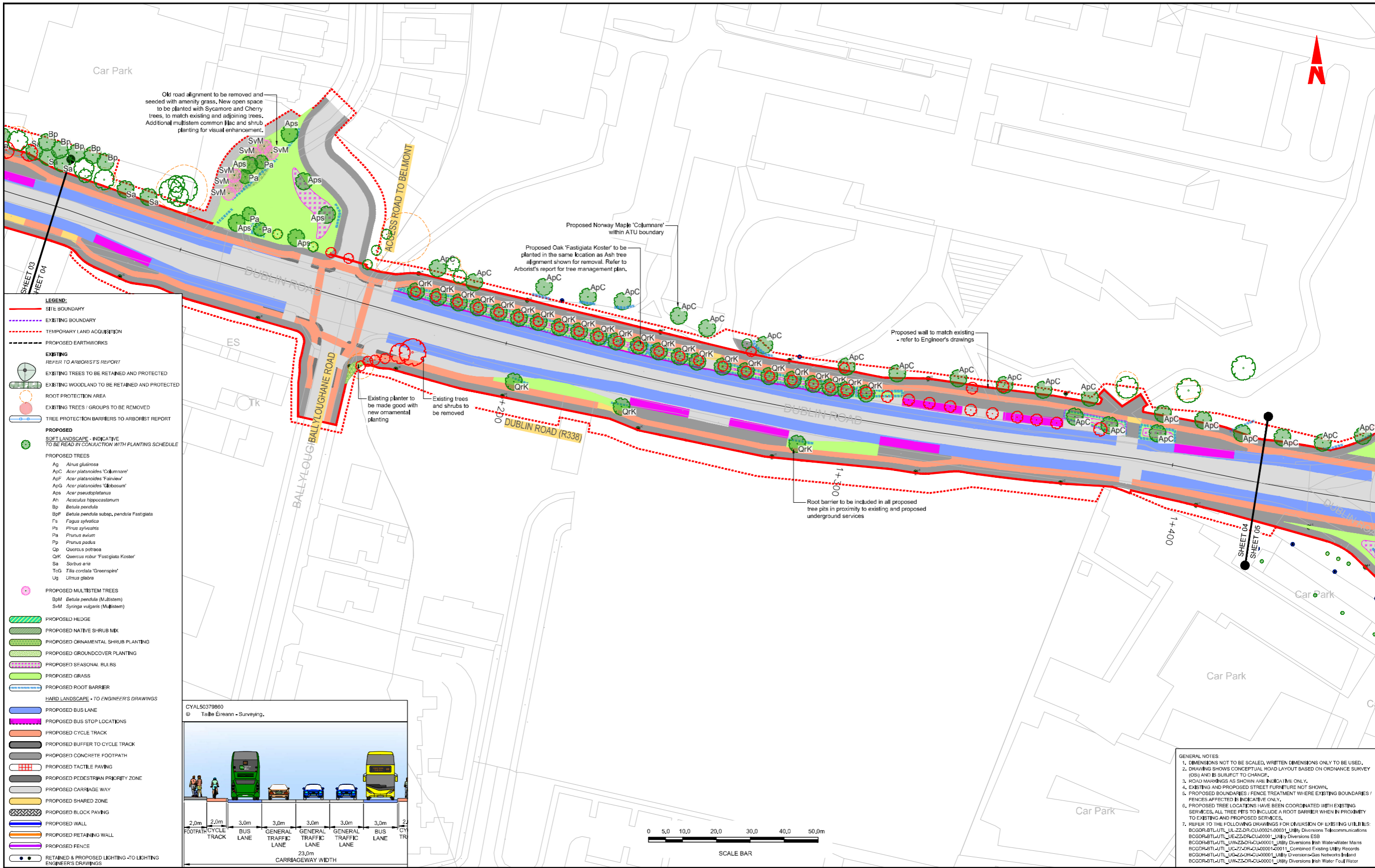
**BARRY** TRANSPORTATION @egis

JBA

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Rev.	Date	Drawn	Description	Chkd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE GENERAL ARRANGEMENT SHEET 03 OF 11	Rev:	C01
Designed:	MT	Drawing No.:	BCGDR-BTL-ENV_LA-XX-DR-CE-00003
Drawn:	MT	Scale at A1:	1:500
Approved:	CP	Date:	OCT 2023
Reviewed:	CP		

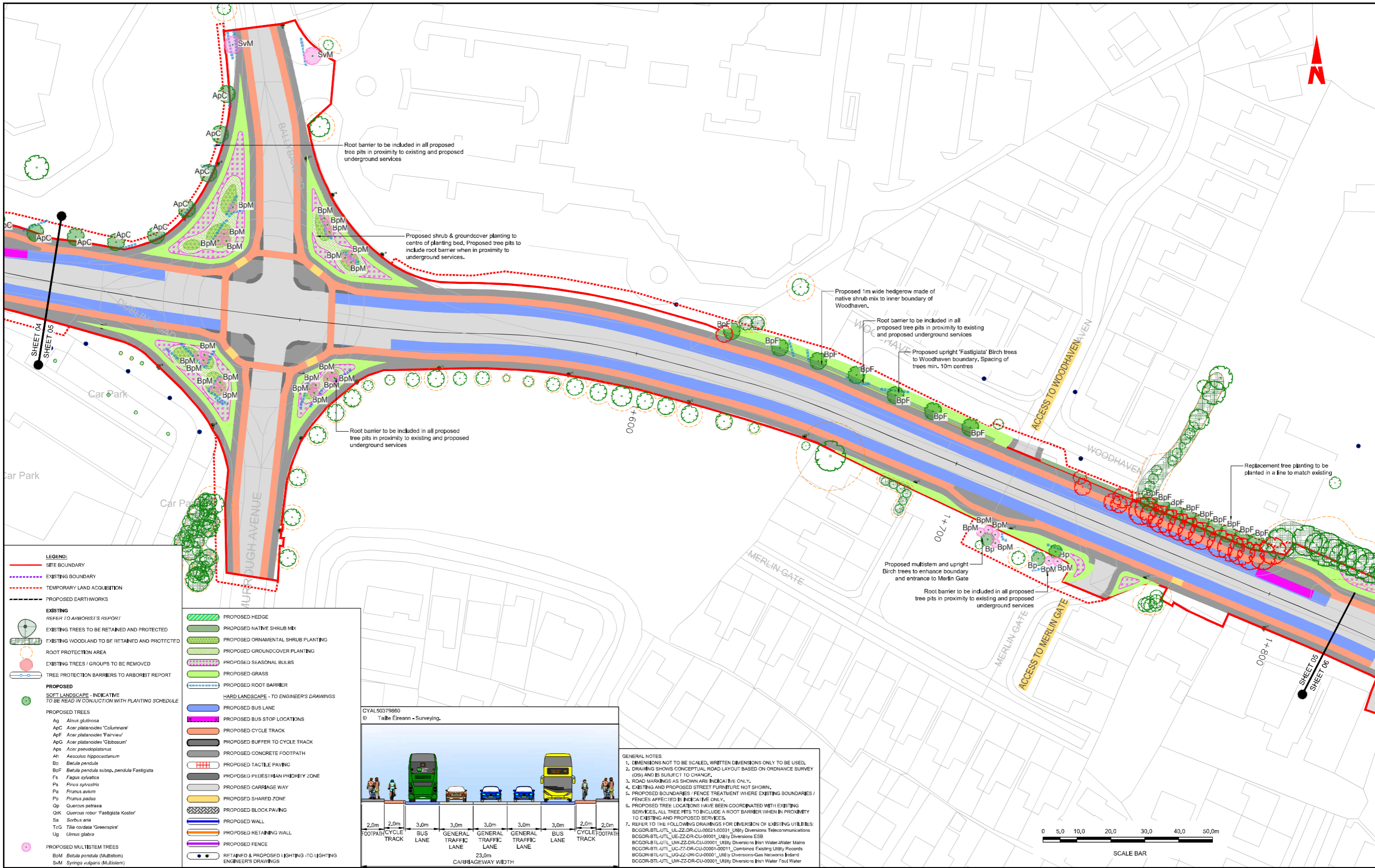


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Rev.	Date	Drawn	Description	Chkd	Appr.
001	06/24	MIT	ISSUE FOR PLANNING	CP	CP

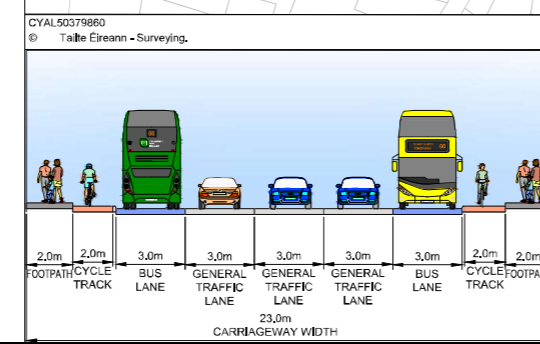
Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE GENERAL ARRANGEMENT SHEET 04 OF 11	Rev:	C01
Designed: MIT	Drawing No. BCGDR-BTL-ENV_LA-XX-DR-CE-00004	Approved: CP	Scale at A1: 1:500
Reviewed: CP	Date: OCT 2023		

**GENERAL NOTES:**  
 1. DIMENSIONS NOT TO BE SCALED, WRITTEN DIMENSIONS ONLY TO BE USED.  
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 7. REFER TO THE FOLLOWING DRAWINGS FOR DIVERSION OF EXISTING UTILITIES:  
 BCGDR-BTL-UTI\_LU-ZZ-DR-CLU0001-0003\_1\_Utility Diversions To Communications  
 BCGDR-BTL-UTI\_LU-ZZ-DR-CLU0001-0004\_1\_Utility Diversions To Gas  
 BCGDR-BTL-UTI\_LU-ZZ-DR-CLU0001-0005\_1\_Utility Diversions To Water  
 BCGDR-BTL-UTI\_LU-ZZ-DR-CLU0001-0006\_1\_Utility Diversions To Sewer  
 BCGDR-BTL-UTI\_LU-ZZ-DR-CLU0001-0007\_1\_Utility Diversions To Stormwater  
 BCGDR-BTL-UTI\_LU-ZZ-DR-CLU0001-0008\_1\_Utility Diversions To Electricity



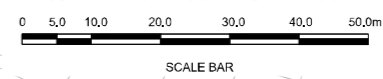
- LEGEND:**
- SITE BOUNDARY
  - EXISTING BOUNDARY
  - TEMPORARY LAND ACQUISITION
  - PROPOSED EARTHWORKS
- EXISTING**  
REFER TO ARBORIST'S REPORT
- EXISTING TREES TO BE RETAINED AND PROTECTED
  - EXISTING WOODLAND TO BE RETAINED AND PROTECTED
  - ROOT PROTECTION AREA
  - EXISTING TREES / GROUPS TO BE REMOVED
  - TREE PROTECTION BARRIERS TO ARBORIST REPORT
- PROPOSED**  
SOFT LANDSCAPE - INDICATIVE  
TO BE READ IN CONJUNCTION WITH PLANTING SCHEDULE
- PROPOSED TREES**
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  - ApC *Acer platanoides* 'Columnare'
  - ApF *Acer platanoides* 'Fairview'
  - ApG *Acer platanoides* 'Globosum'
  - ApS *Acer pseudoplatanus*
  - Ah *Aesculus hippocastanum*
  - Bp *Betula pendula*
  - BpF *Betula pendula* subsp. *pendula* 'Fastigiate'
  - Fs *Fagus sylvatica*
  - Ps *Pinus sylvestris*
  - Pa *Prunus avium*
  - Po *Prunus padus*
  - Op *Quercus petraea*
  - QK *Quercus robur* 'Fastigiate Koster'
  - Sa *Sorbus aria*
  - TcG *Tilia cordata* 'Greenspire'
  - Ug *Ulmus glabra*
- PROPOSED MULTISTEM TREES**
- BpM *Betula pendula* (Multistem)
  - SvM *Syringa vulgaris* (Multistem)

- PROPOSED HEDGE
- PROPOSED NATIVE SHRUB MIX
- PROPOSED ORNAMENTAL SHRUB PLANTING
- PROPOSED GROUNDCOVER PLANTING
- PROPOSED SEASONAL BULBS
- PROPOSED GRASS
- PROPOSED ROOT BARRIER
- HARD LANDSCAPE - TO ENGINEER'S DRAWINGS
- PROPOSED BUS LANE
- PROPOSED BUS STOP LOCATIONS
- PROPOSED CYCLE TRACK
- PROPOSED BUFFER TO CYCLE TRACK
- PROPOSED CONCRETE FOOTPATH
- PROPOSED TACTILE PAVING
- PROPOSED PEDESTRIAN PRIORITY ZONE
- PROPOSED CARRIAGE WAY
- PROPOSED SHARED ZONE
- PROPOSED BLOCK PAVING
- PROPOSED WALL
- PROPOSED RETAINING WALL
- PROPOSED FENCE
- RETAINED & PROPOSED LIGHTING - TO LIGHTING ENGINEER'S DRAWINGS



**GENERAL NOTES**

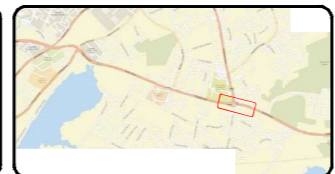
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  - BCGDR-BTL-UTL\_UL-ZZ-DR-CU-0002-00031\_Utility\_Divisions\_Telecommunications
  - BCGDR-BTL-UTL\_UL-ZZ-DR-CU-0001\_Utility\_Divisions\_ESB
  - BCGDR-BTL-UTL\_UL-ZZ-DR-CU-0001\_Utility\_Divisions\_Bin\_Water-Water Mains
  - BCGDR-BTL-UTL\_UL-ZZ-DR-CU-0001-00011\_Combined\_Existing\_Utility\_Records
  - BCGDR-BTL-UTL\_UL-ZZ-DR-CU-0001\_Utility\_Divisions-Gas\_Networks\_Ireland
  - BCGDR-BTL-UTL\_UL-ZZ-DR-CU-0001\_Utility\_Divisions\_Bin\_Water\_Foul\_Water



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egis

USA

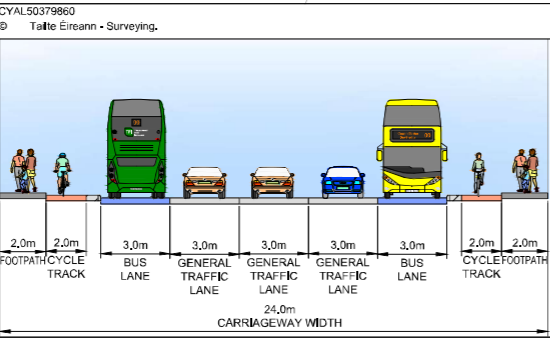
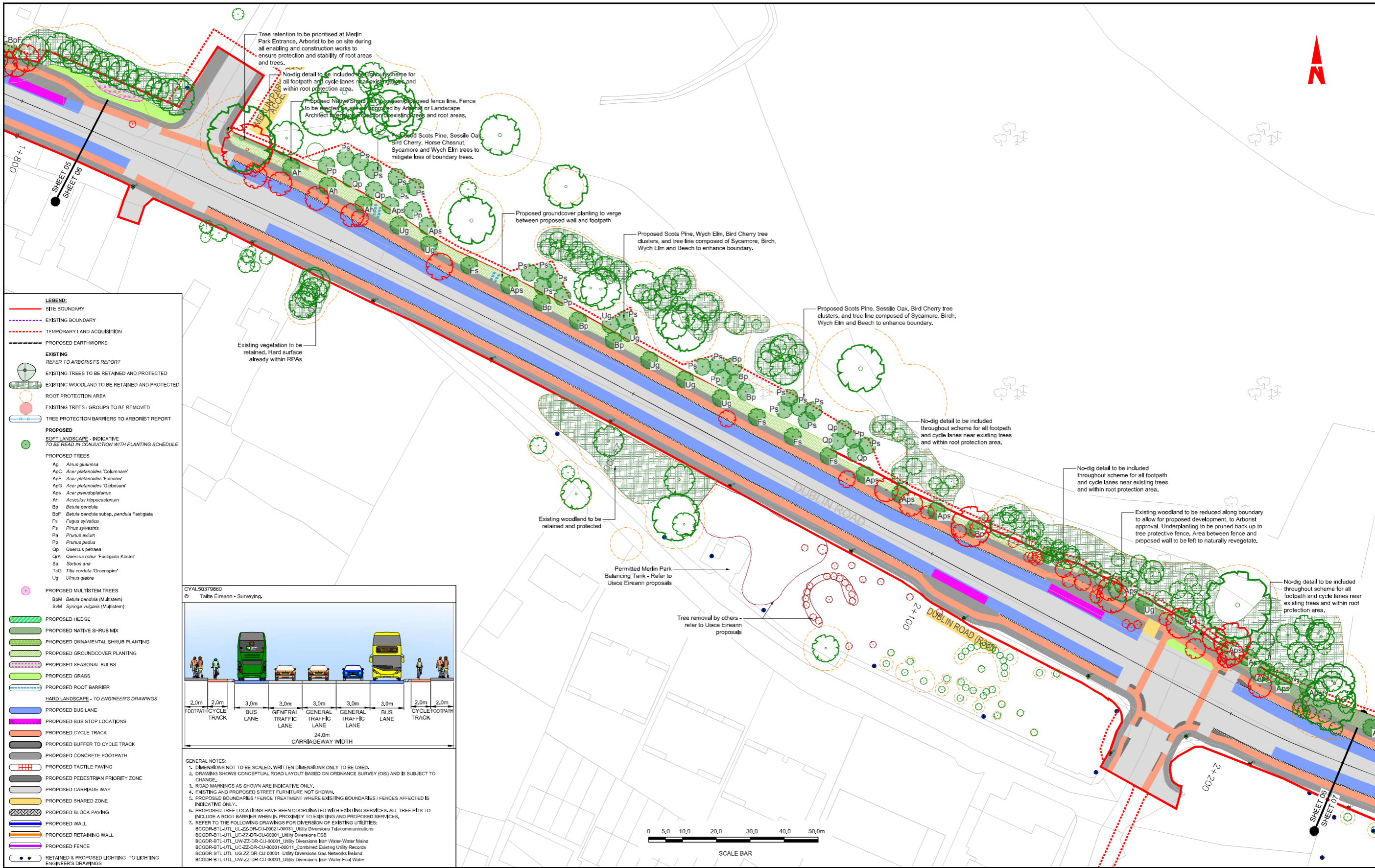
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Rev.	Date	Drawn	Description	Chkd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE GENERAL ARRANGEMENT SHEET 05 OF 11	Rev:	C01
Designed:	MT	Drawing No.:	BCGDR-BTL-ENV_LA-XX-DR-CE-00005
Drawn:	MT	Scale at A1:	1:500
Approved:	CP	Date:	OCT 2023
Reviewed:	CP		



**GENERAL NOTES:**

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- REFER TO THE FOLLOWING DRAWINGS FOR DIVERSION OF EXISTING UTILITIES:  
 BCGDR-BTL-UTL\_UV-ZZ-DR-CU-0001\_UTILITY Diversion-Telecommunications  
 BCGDR-BTL-UTL\_UV-ZZ-DR-CU-0001\_UTILITY Diversion-ESB  
 BCGDR-BTL-UTL\_UV-ZZ-DR-CU-0001\_UTILITY Diversion-Irish Water-Water Mains  
 BCGDR-BTL-UTL\_UV-ZZ-DR-CU-0001\_UTILITY Combined Existing Utility Records  
 BCGDR-BTL-UTL\_UV-ZZ-DR-CU-0001\_UTILITY Diversion-Gas Networks Ireland  
 BCGDR-BTL-UTL\_UV-ZZ-DR-CU-0001\_UTILITY Diversion-Irish Water Foul Water

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**BARRY** TRANSPORTATION @egis

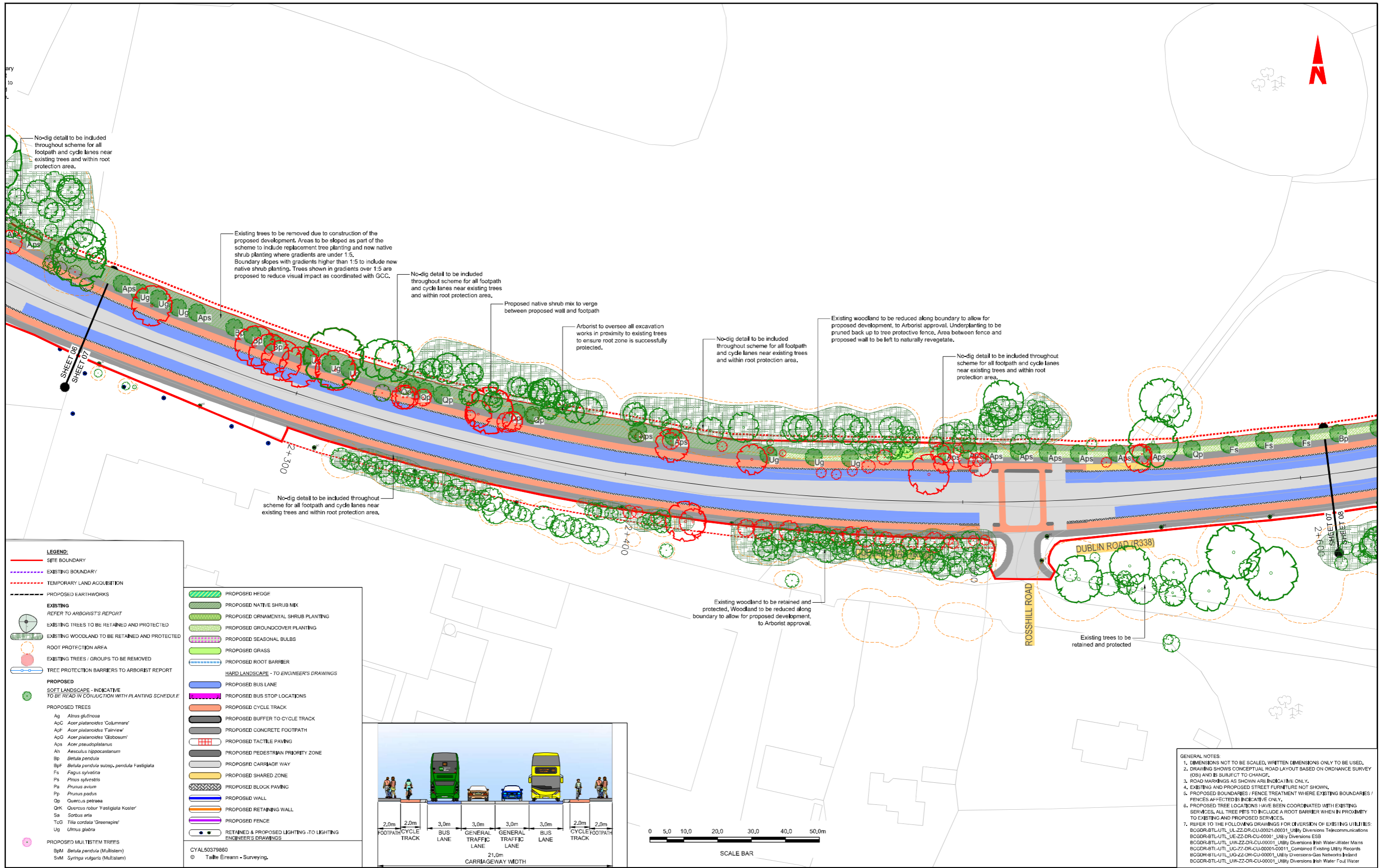
USA

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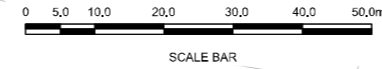
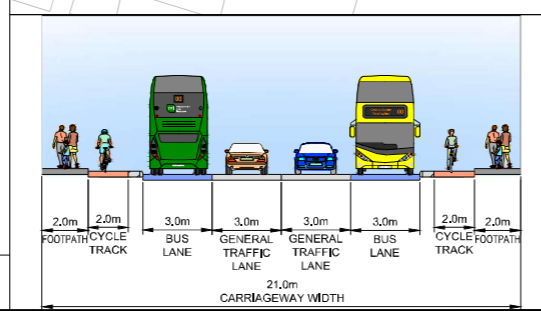
Rev.	Date	Drawn	Description	Chkd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE GENERAL ARRANGEMENT SHEET 06 OF 11	Rev:	C01
Designed: MT	Drawing No. BCGDR-BTL-ENV_LA-XX-DR-CE-00006	Scale at A1: 1:500	Date: OCT 2023
Drawn: MT			
Approved: CP			
Reviewed: CP			



- LEGEND:**
- SITE BOUNDARY
  - EXISTING BOUNDARY
  - TEMPORARY LAND ACQUISITION
  - PROPOSED EARTHWORKS
  - EXISTING TREES TO BE RETAINED AND PROTECTED
  - EXISTING WOODLAND TO BE RETAINED AND PROTECTED
  - ROOT PROTECTION AREA
  - EXISTING TREES / GROUPS TO BE REMOVED
  - TREE PROTECTION BARRIERS TO ARBORIST REPORT
  - PROPOSED SOFT LANDSCAPE - INDICATIVE TO BE READ IN CONJUNCTION WITH PLANTING SCHEDULE
  - PROPOSED TREES
  - PROPOSED MULTISTEM TREES

- PROPOSED HEDGE
- PROPOSED NATIVE SHRUB MIX
- PROPOSED ORNAMENTAL SHRUB PLANTING
- PROPOSED GROUND COVER PLANTING
- PROPOSED SEASONAL BULBS
- PROPOSED GRASS
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- HARD LANDSCAPE - TO ENGINEER'S DRAWINGS
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- PROPOSED TACTILE PAVING
- PROPOSED PEDESTRIAN PRIORITY ZONE
- PROPOSED CARRIAGE WAY
- PROPOSED SHARED ZONE
- PROPOSED BLOCK PAVING
- PROPOSED WALL
- PROPOSED RETAINING WALL
- PROPOSED FENCE
- RETAINED & PROPOSED LIGHTING - TO LIGHTING ENGINEER'S DRAWINGS

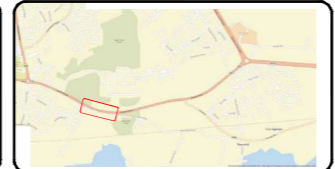


- GENERAL NOTES:**
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  - DRAWING SHOWS CONCEPTUAL ROAD LAYOUT BASED ON ORDNANCE SURVEY (OS) AND IS SUBJECT TO CHANGE.
  - ROAD MARKINGS AS SHOWN ARE INDICATIVE ONLY.
  - EXISTING AND PROPOSED STREET FURNITURE NOT SHOWN.
  - PROPOSED BOUNDARIES / FENCE TREATMENT WHERE EXISTING BOUNDARIES / FENCES AFFECTED IS INDICATIVE ONLY.
  - PROPOSED TREE LOCATIONS HAVE BEEN COORDINATED WITH EXISTING SERVICES. ALL TREE PITS TO INCLUDE A ROOT BARRIER WHEN IN PROXIMITY TO EXISTING AND PROPOSED SERVICES.
  - REFER TO THE FOLLOWING DRAWINGS FOR DIVERSION OF EXISTING UTILITIES: BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0003\_Utility Diversions Telecommunications BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001\_Utility Diversions ESS BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001\_Utility Diversions Irish Water-Water Mains BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_Combined Existing Utility Records BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001\_Utility Diversions Gas Networks Ireland BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001\_Utility Diversions Irish Water Foul Water

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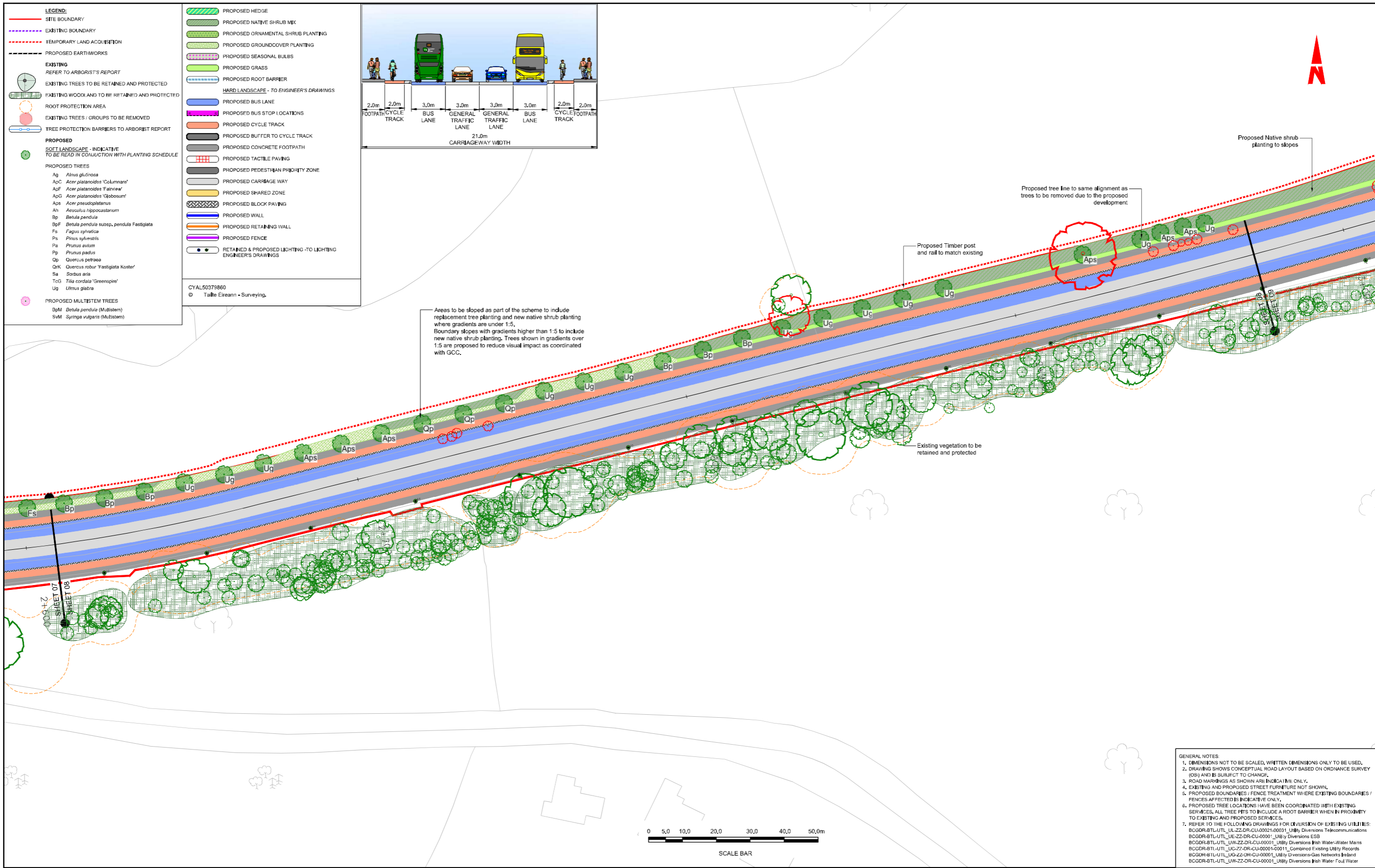
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Rev.	Date	Drawn	Description	Chkd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE GENERAL ARRANGEMENT SHEET 07 OF 11	Rev:	C01
Designed:	MT	Drawing No.:	BCGDR-BTL-ENV_LA-XX-DR-CE-00007
Drawn:	MT	Scale at A1:	1:500
Approved:	CP	Date:	OCT 2023
Reviewed:	CP		



**GENERAL NOTES:**

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7. REFER TO THE FOLLOWING DRAWINGS FOR DIVERSION OF EXISTING UTILITIES:  
 BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0003\_1\_Utility Diversions Telecommunications  
 BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_1\_Utility Diversions ESS  
 BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_1\_Utility Diversions Irish Water-Water Mains  
 BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_1\_Combined Existing Utility Records  
 BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_1\_Utility Diversions Gas Networks Ireland  
 BCGDR-BTL-UTL\_UJ-ZZ-DR-CU-0001-0001\_1\_Utility Diversions Irish Water Foul Water

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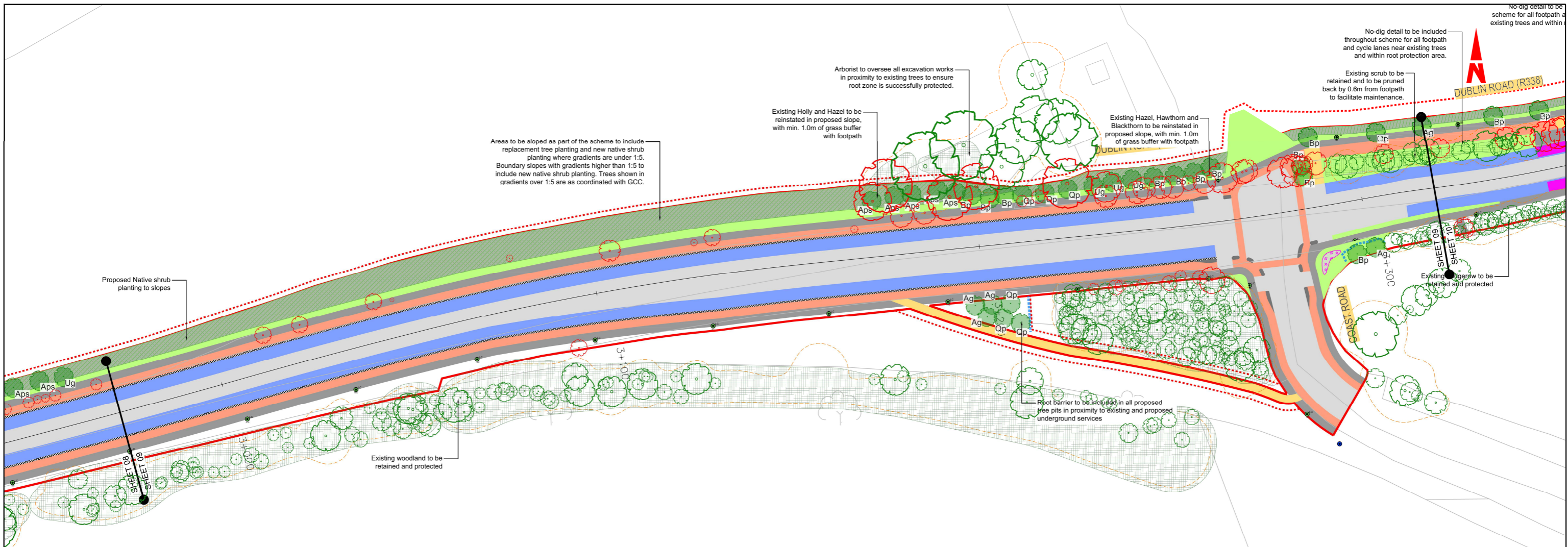
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Rev.	Date	Drawn	Description	Chkd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE GENERAL ARRANGEMENT SHEET 08 OF 11	Rev:	C01
Designed:	MT	Drawing No.:	BCGDR-BTL-ENV_LA-XX-DR-CE-00008
Drawn:	MT	Scale at A1:	1:500
Approved:	CP	Date:	OCT 2023
Reviewed:	CP		



**LEGEND:**

- SITE BOUNDARY
- EXISTING BOUNDARY
- TEMPORARY LAND ACQUISITION
- PROPOSED EARTHWORKS

**EXISTING**  
REFER TO ARBORIST'S REPORT

- EXISTING TREES TO BE RETAINED AND PROTECTED
- EXISTING WOODLAND TO BE RETAINED AND PROTECTED
- ROOT PROTECTION AREA
- EXISTING TREES / GROUPS TO BE REMOVED
- TREE PROTECTION BARRIERS TO ARBORIST REPORT

**PROPOSED**  
SOFT LANDSCAPE - INDICATIVE  
TO BE READ IN CONJUNCTION WITH PLANTING SCHEDULE

**PROPOSED TREES**

- Ag *Alnus glutinosa*
- ApC *Acer platanoides* 'Columnare'
- ApF *Acer platanoides* 'Fairview'
- ApG *Acer platanoides* 'Globosum'
- Aps *Acer pseudoplatanus*
- Ah *Aesculus hippocastanum*
- Bp *Betula pendula*
- BpF *Betula pendula* subsp. *pendula* 'Fastigiata'
- Fs *Fagus sylvatica*
- Ps *Pinus sylvestris*
- Pa *Pinus avium*
- Pp *Pinus pinaster*
- Qp *Quercus petraea*
- Qk *Quercus robur* 'Fastigiata Koster'
- Sa *Sorbus aria*
- TcG *Tilia cordata* 'Greenspire'
- Uj *Ulmus glabra*

**PROPOSED MULTISTEM TREES**

- BpM *Betula pendula* (Multistem)
- SvM *Syringa vulgaris* (Multistem)

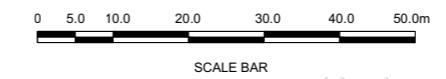
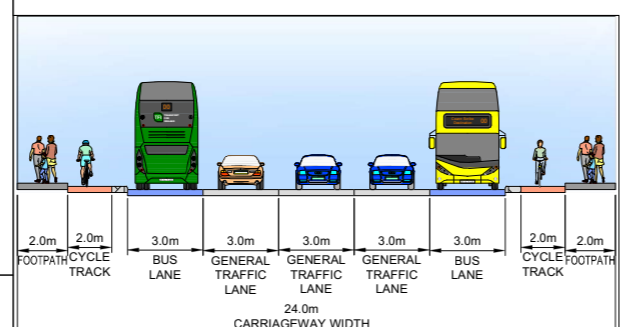
**PROPOSED HEDGE**

- PROPOSED NATIVE SHRUB MIX
- PROPOSED ORNAMENTAL SHRUB PLANTING
- PROPOSED GROUND COVER PLANTING
- PROPOSED SEASONAL BULBS
- PROPOSED GRASS
- PROPOSED ROOT BARRIER

**HARD LANDSCAPE - TO ENGINEER'S DRAWINGS**

- PROPOSED BUS LANE
- PROPOSED BUS STOP LOCATIONS
- PROPOSED CYCLE TRACK
- PROPOSED BUFFER TO CYCLE TRACK
- PROPOSED CONCRETE FOOTPATH
- PROPOSED TACTILE PAVING
- PROPOSED PEDESTRIAN PRIORITY ZONE
- PROPOSED CARRIAGE WAY
- PROPOSED SHARED ZONE
- PROPOSED BLACK PAVING
- PROPOSED WALL
- PROPOSED RETAINING WALL
- PROPOSED FENCE
- RETAINED & PROPOSED LIGHTING - TO LIGHTING ENGINEER'S DRAWINGS

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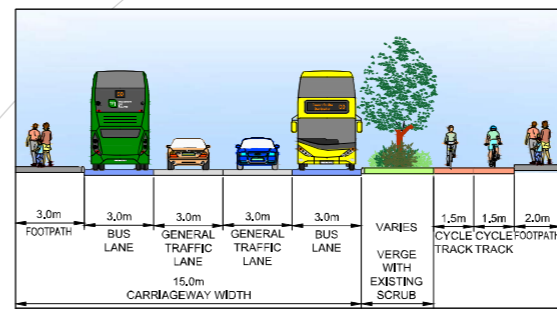
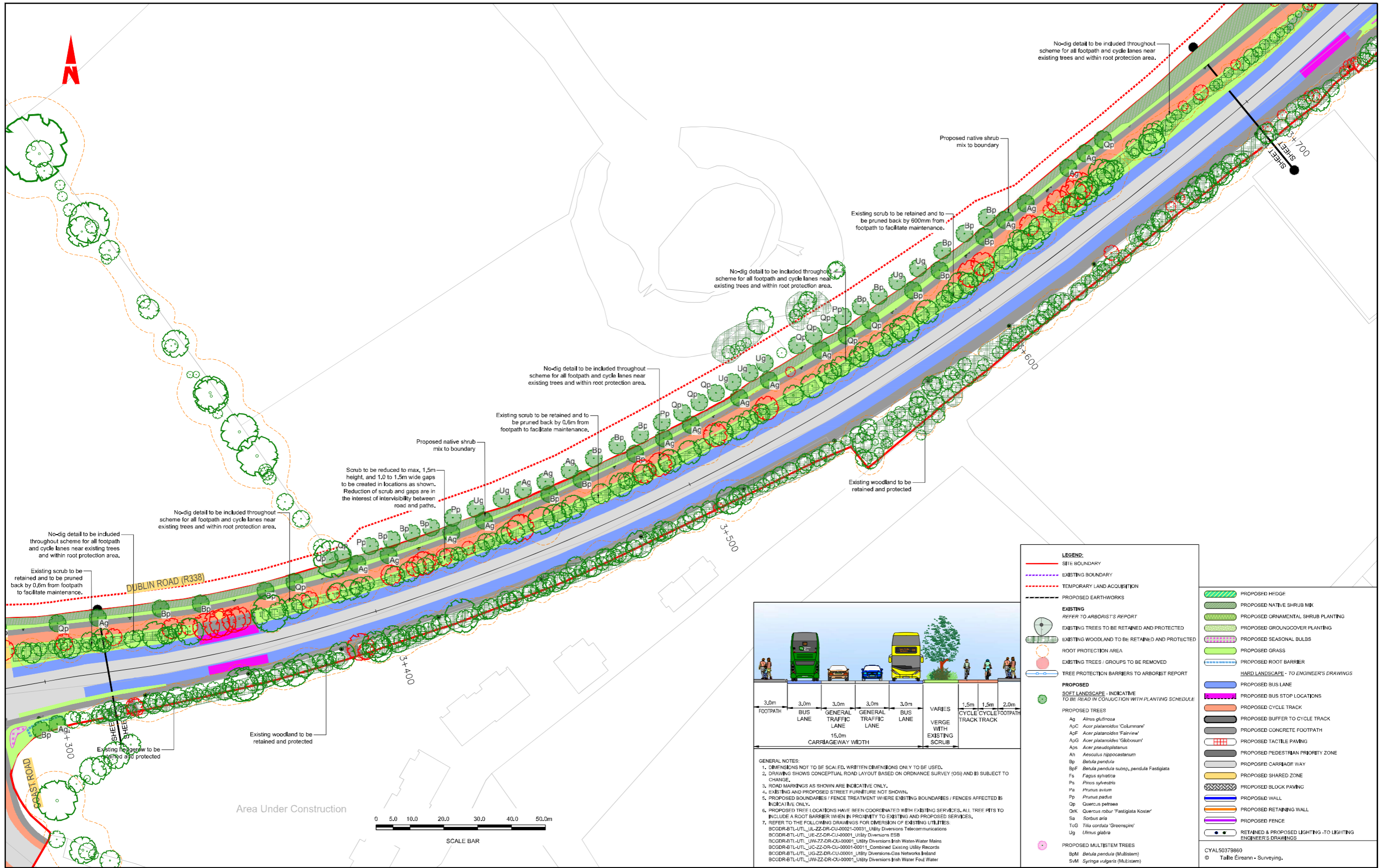
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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06.12.24	MIT	ISSUE FOR PLANNING	CP	CP

Project Title: <b>BUSCONNECTS GALWAY: DUBLIN ROAD</b>		Status: <b>A1</b>
Drawing Title: <b>LANDSCAPE GENERAL ARRANGEMENT SHEET 09 OF 11</b>		Rev: <b>C01</b>
Designed: MIT	Drawing No. BCGDR-BTL-ENV_LA-XX-DR-CE-00009	
Drawn: MIT	Scale at A1: 1:500	
Approved: CP	Date: OCT 2023	
Reviewed: CP		



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 BCGDR-BTL-UT-LJ-ZZ-DR-CU-0001-0001\_UTILITY DIVERSIONS ESB  
 BCGDR-BTL-UT-LJ-WZ-DR-CU-0001-0001\_UTILITY DIVERSIONS IRISH WATER-WATER MAINS  
 BCGDR-BTL-UT-LJ-CZ-DR-CU-0001-0001\_UTILITY DIVERSIONS GAS NETWORKS IRELAND  
 BCGDR-BTL-UT-LJ-WZ-DR-CU-0001-0001\_UTILITY DIVERSIONS IRISH WATER Foul WATER

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**EXISTING**

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- TREE PROTECTION BARRIERS TO ARBORIST REPORT

**PROPOSED**

**SOFT LANDSCAPE - INDICATIVE TO BE READ IN CONJUNCTION WITH PLANTING SCHEDULE**

**PROPOSED TREES**

- Ag *Alnus glutinosa*
- ApC *Acer platanoides* 'Columnare'
- ApF *Acer platanoides* 'Fairview'
- ApG *Acer platanoides* 'Glabosum'
- ApS *Acer pseudoplatanus*
- An *Aesculus hippocastanum*
- Bp *Betula pendula*
- BpF *Betula pendula* subsp. *pendula* Fastigiata
- Fs *Fagus sylvatica*
- Ps *Pinus sylvestris*
- Pr *Prunus avium*
- Pp *Prunus padus*
- Qp *Quercus petraea*
- Qr *Quercus robur* 'Fastigiata Koster'
- Sa *Sorbus aria*
- TcG *Tilia cordata* 'Greenspire'
- Ug *Ulmus glabra*

**PROPOSED MULTISTEM TREES**

- BpM *Betula pendula* (Multistem)
- SvM *Syringa vulgaris* (Multistem)

- PROPOSED HEDGE
- PROPOSED NATIVE SHRUB MIX
- PROPOSED ORNAMENTAL SHRUB PLANTING
- PROPOSED GROUND COVER PLANTING
- PROPOSED SEASONAL BULBS
- PROPOSED GRASS
- PROPOSED ROOT BARRIER
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- PROPOSED BUS LANE
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- PROPOSED BLOCK PAVING
- PROPOSED WALL
- PROPOSED RETAINING WALL
- PROPOSED FENCE
- RETAINED & PROPOSED LIGHTING - TO LIGHTING ENGINEER'S DRAWINGS

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Rev.	Date	Drawn	Description	Chkd	Appr.
C01	06/24	MT	ISSUE FOR PLANNING	CP	CP

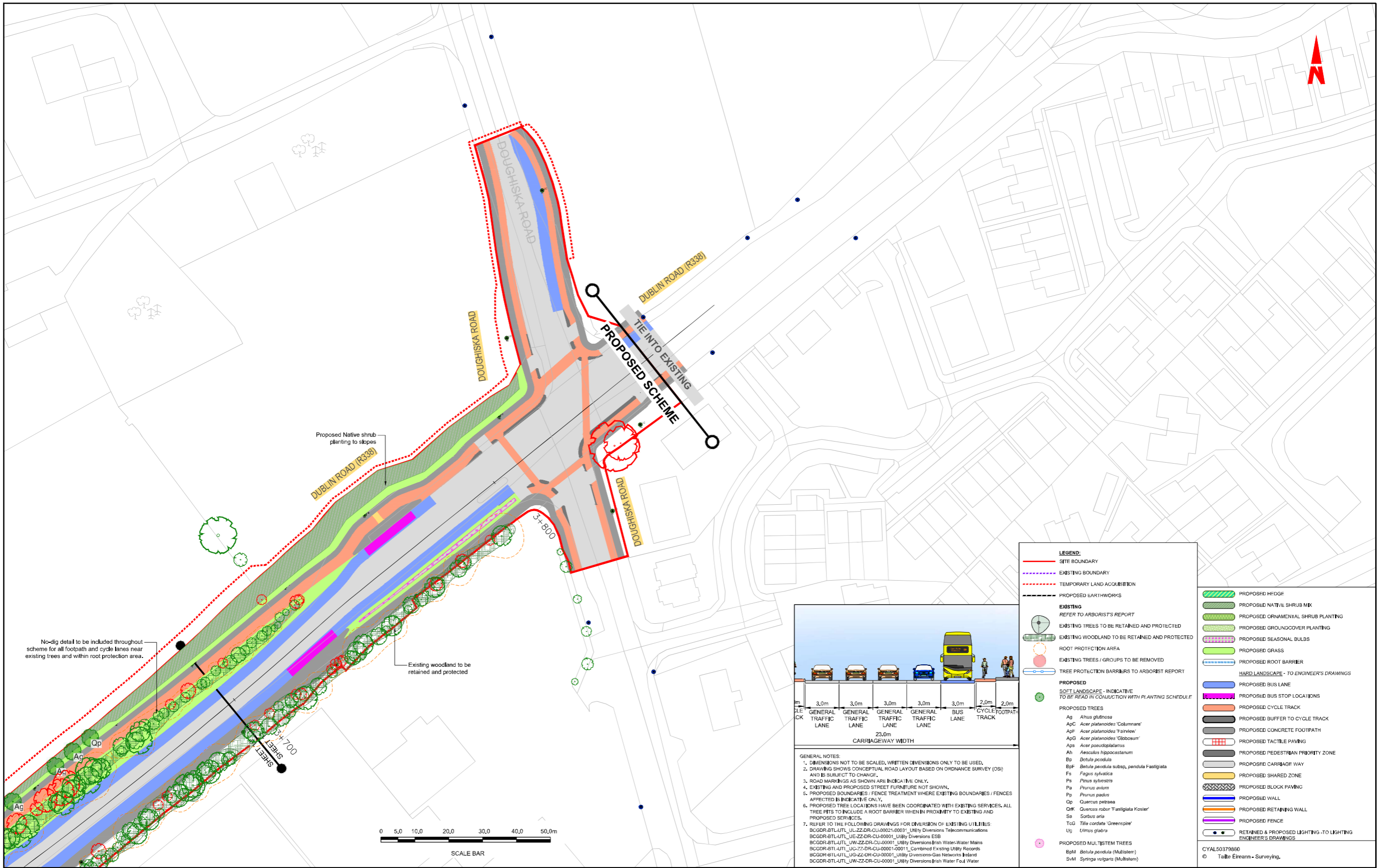
**Project Title:** BUSCONNECTS GALWAY: DUBLIN ROAD

**Drawing Title:** LANDSCAPE GENERAL ARRANGEMENT SHEET 10 OF 11

**Designed:** MT  
**Drawn:** MT  
**Approved:** CP  
**Reviewed:** CP

**Drawing No.:** BCGDR-BTL-ENV\_LA-XX-DR-CE-00010  
**Scale at A1:** 1:500  
**Date:** OCT 2023

**Status:** A1  
**Rev:** C01



**PLANTING SCHEDULE - INDICATIVE**  
To be read in conjunction with Landscape Plans

Species	Girth / Form / Height	Location	Planting Density	Total No.	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5
<i>Alnus glutinosa</i>	18-20cm (Advanced Heavy Standard), RB min 4.5m in height	As shown	As shown	21	-Trees to be planted in positions shown on drawing. To be double staked.	-Defective (dead or dying) plants to be replaced after year 1. -Monthly tasks. -Water weekly during dry weather -Weed removal at base of tree -Fertilise at base of tree	-Every 3 years. -Trees to be pruned if necessary to be kept away from footpath and roads. -Pruning works to occur outside of bird nesting season. -Tree ties and staking to be adapted/ removed as required to ensure stability and healthy growth. -Fertilise as required.
<i>Acer platanoides</i> 'Columnare'	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			27	-Where trees come in close proximity to underground services, a root barrier to be provided at 50cm offset from the service.		
<i>Acer platanoides</i> 'Fairview'	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			9	-Prunus species to be planted away from footpaths, or otherwise planted with a root barrier.		
<i>Acer platanoides</i> 'Globosum'	16-18cm (Advanced Heavy Standard), RB min 4.5m in height			3	-Heavy standard and Standard trees to have a clear stem of min 2.1m height.		
<i>Acer pseudoplatenus</i>	20-25cm (Advanced Heavy Standard), RB min 5m in height			45			
<i>Aesculus hippocastanum</i>	20-25cm (Advanced Heavy Standard), RB min 5m in height			3			
<i>Betula pendula</i>	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			64			
<i>Betula pendula</i> subsp. <i>pendula</i> 'Fastigiata'	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			30			
<i>Fagus sylvatica</i>	20-25cm (Advanced Heavy Standard), RB min 5m in height			7			
<i>Pinus sylvestris</i>	20-25cm (Advanced Heavy Standard), RB or CG min 5m in height			19			
<i>Prunus avium</i>	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			10			
<i>Prunus padus</i>	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			9			
<i>Quercus petraea</i>	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			33			
<i>Quercus robur</i> 'Fastigiata Koster'	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			26			
<i>Sorbus aria</i>	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			19			
<i>Tilia cordata</i> 'Greenspire'	18-20cm (Advanced Heavy Standard), RB min 4.5m in height			2			
<i>Ulmus glabra</i>	18-20cm (Advanced Heavy Standard), RB min 4.5m in height	45					
<b>Total</b>				<b>372</b>			

Species	Girth / Form / Height	Location	Planting Density	Total no.	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5
<i>Betula pendula</i>	2.5-3m height RB Multistem (3 no. stems)	As shown	As shown	28	-Trees to be planted in positions shown on drawing. To be double staked.	-Defective (dead or dying) plants to be replaced after year 1. -Monthly tasks. -Water weekly during dry weather -Weed removal at base of tree -Fertilise at base of tree	-Every 3 years. -Trees to be pruned if necessary to be kept away from footpath and roads. -Pruning works to occur outside of bird nesting season. -Tree ties and staking to be adapted/ removed as required to ensure stability and healthy growth. -Fertilise as required.
<i>Syringa vulgaris</i>	2.0-2.5m height RB Multistem (3 no. stems)			8			
<b>Total</b>				<b>36</b>			

Species	Specification	% in mix	Density (no./m)	Total length (m)	No.	Comments	Management year 1-5	Management year 5-10
<i>Fagus sylvatica</i>	80-90cm/BR	100	3	30	80	-Hedge to be planted in a single row.	-Pruning can be carried out in late spring. Use mulch and a general fertiliser after hard pruning.	-Yearly. -Prune to desired height. -Pruning works to occur outside of bird nesting season. -Preference for min. height at 80cm, but preferred height at 90cm. Maintain a minimum width of 80cm.

Species	Specification	% in mix	Density (no./m)	Total Area (sq.m)	No.	Comments	Management year 1-5	Management year 5-10
<i>Eucynimus europaeus</i>	60-90cm/BR	3	3	5369	483	-To be planted in staggered groups of 2-3 of same species.	-Defective (dead or dying) plants to be replaced after year 1. -Monthly tasks. -Water weekly during dry weather -Weed removal at base of whip/shrub -Fertilise at base of whip/shrub	-Every year: -Prune to desired height. Preference for height to 2m. -Maintain a minimum width of 80cm.
<i>Corylus avellana</i>	60-90cm/BR	15			2416			
<i>Crataegus monogyna</i>	60-90cm/BR	45			7248			
<i>Ilex aquifolium</i>	60-90cm/CG 2lit pot	13			2094			
<i>Lonicera periclymenum</i>	60-90cm/CG 2lit pot	4			844			
<i>Prunus spinosa</i>	60-90cm/BR	10			1611			
<i>Viburnum opulus</i>	60-90cm/BR	10			1611			
<b>Total</b>		<b>100</b>				<b>16107</b>		

Species	Specification	% in mix	Density (no./m2)	Total Area (m2)	No.	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5	
<i>Achillea millefolium</i> 'Cerise Queen'	10cm pot	9	6	609	329	-To be planted in groups of 3-5 of same species.	-Note - Establishment Maintenance to be 18 months after end of Defects Liability Period. Defective (dead or dying) plants to be replaced at end of Establishment Maintenance Period. Monthly tasks during Establishment Maintenance Period. -Water weekly during dry weather -Weed removal at base of shrub or tree -Bark mulch to be applied to beds	-Every year: -If over crowding of shrub bed has occurred then alternate shrubs to be removed. Top up bark mulch after 3 years. -Calamagrostis to be deadheaded in February, before the new growing season. -Top up bark mulch after 3 years.	
<i>Calamagrostis</i> x <i>acutiflora</i> 'Karl Foerster'	40-60cm shoot length/2L pot	14			512				
<i>Echinacea pallida</i>	10cm pot	9			329				
<i>Lavandula angustifolia</i> 'Hidcote'	20-30cm shoot length/2L pot	7			256				
<i>Phytoloba tuberosa</i> 'Amazess'	20-30cm shoot length/2L pot	4			146				
<i>Rosmarinus officinalis</i>	20-30cm shoot length/2L pot	7			256				
<i>Geranium macrorrhizum</i> 'Spessart'	10cm pot	6			219				
<i>Scabiosa columbata</i>	10cm pot	9			329				
<i>Rudbeckia fulgida</i> 'Goldstrum'	10cm pot	8			252				
<i>Salvia nemorosa</i> 'Ostfriesland'	10cm pot	5			183				
<i>Sarcococca hookeriensis</i> var. <i>humilis</i>	10cm pot	6			219				
<i>Saxa tenuissima</i> 'Pony Tails'	10cm pot	6			219				
<i>Symphoricarum</i> 'Little Carlow'	20-30cm shoot length/2L pot	6			219				
<i>Viburnum opulus</i>	20-30cm shoot length/2L pot	4			146				
<b>Total</b>		<b>100</b>				<b>3654</b>			

Planting schedule to be read in conjunction with Landscape Plans, drawings no.:

- BCGDR-BTL-ENV\_LA-XX-DR-CE-00001
- BCGDR-BTL-ENV\_LA-XX-DR-CE-00002
- BCGDR-BTL-ENV\_LA-XX-DR-CE-00003
- BCGDR-BTL-ENV\_LA-XX-DR-CE-00004
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- BCGDR-BTL-ENV\_LA-XX-DR-CE-00008
- BCGDR-BTL-ENV\_LA-XX-DR-CE-00009
- BCGDR-BTL-ENV\_LA-XX-DR-CE-00010
- BCGDR-BTL-ENV\_LA-XX-DR-CE-00011

Species	Specification	% in mix	Density (no./m2)	Total Area (m2)	No.	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5
<i>Anemone hepatica</i> var. <i>japonica</i> 'Prinz Heinrich'	20-30cm shoot length/2L pot	5	8	1734	694	-To be planted in groups of 3-5 of same species.	-Note - Establishment Maintenance to be 18 months after end of Defects Liability Period. Defective (dead or dying) plants to be replaced at end of Establishment Maintenance Period. Monthly tasks during Establishment Maintenance Period. -Water weekly during dry weather -Weed removal at base of shrub or tree -Bark mulch to be applied to beds. Ensure bark mulch has a min. depth of 50mm. -Do not cut the foliage of <i>Tubaghia violacea</i> while it's still green. Wait until it is fully yellow.	-Every year: -Prune back planting as deemed necessary (min. width of 80cm). -If over crowding of shrub bed has occurred then alternate shrubs to be removed. -Top up bark mulch after 3 years.
<i>Astrantia major</i> 'Claret'	20-30cm shoot length/2L pot	5			694			
<i>Carex elata</i> 'Aurea'	20-30cm shoot length/2L pot	7			971			
<i>Digitalis grandiflora</i>	10cm pot	5			694			
<i>Heuchera villosa</i> 'Palace Purple'	30-40cm shoot length/2L pot	3			418			
<i>Knautia anvensis</i>	10cm pot	5			694			
<i>Knautia macedonica</i>	10cm pot	5			694			
<i>Nepeta</i> x <i>faassenii</i> 'Walker's Low'	10cm pot	6			832			
<i>Provskia antipicibolia</i> 'Blue Spire'	30-40cm shoot length/2L pot	7			971			
<i>Rudbeckia fulgida</i> 'Goldstrum'	10cm pot	7			971			
<i>Salvia nemorosa</i> 'Caradonna'	20-30cm shoot length/2L pot	8			1110			
<i>Scabiosa columbata</i>	10cm pot	5			694			
<i>Stachys byzantina</i>	20-30cm shoot length/2L pot	5			694			
<i>Tubaghia violacea</i>	10cm pot/Standard size bulb/17.5cm	5			694			
<i>Verbena bonariensis</i>	10cm pot	5			694			
<i>Viburnum davidii</i>	30-40cm shoot length/2L pot	5			694			
<i>Persicaria affinis</i> 'Superba'	30-40cm shoot length/2L pot	7	971					
<i>Vinca minor</i>	10cm pot	5	694					
<b>Total</b>		<b>100</b>		<b>13872</b>				

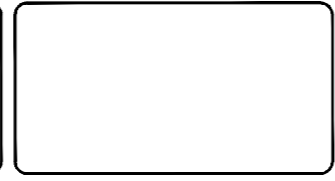
Species	Height	% in mix	Density (no./m2)	Total Area (m2)	No.	Comments	Establishment Maintenance Period 18 months	Management year 1.5 - 5	
<i>Galanthus nivalis</i>	Standard bulb size	5	15	1054	791	-Bulbs to be planted randomly at a depth equal to 2.5x their length and between the new plants.	-Do not mow the areas that include bulbs. -Only cut back when the foliage of bulbs has turned yellow. If foliage is cut while green, the bulbs will need to be replanted.	-Do not cut bulb foliage while it is still green, but only when after it has turned fully yellow.	
<i>Crocus chrysanthus</i> 'Romance'	Standard bulb size	10			1581				
<i>Crocus tommasinianus</i>	Standard bulb size	10			1581				
<i>Crocus pulchellus</i>	Standard bulb size	10			1581				
<i>Narcissus</i> 'Can Can Girl'	Standard bulb size	10			1581				
<i>Allium hollandicum</i> 'Purple Sensation'	Standard bulb size	5			791				
<i>Eranthis hyemalis</i>	Standard bulb size	10			1581				
<i>Eranthis robustus</i> 'Cleopatra'	Standard bulb size	10			1581				
<i>Muscari armeniacum</i>	Standard bulb size	5			791				
<i>Tulipa sprengeri</i>	Standard bulb size	5			791				
<i>Camassia leichlinii</i> 'Cerulaea'	Standard bulb size	10			1581				
<i>Tulipa</i> 'Paradise Mix'	Standard bulb size	10			1581				
<b>Total</b>		<b>100</b>				<b>11868</b>			

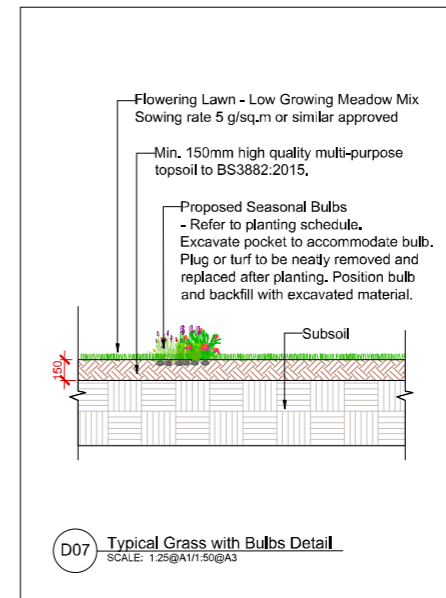
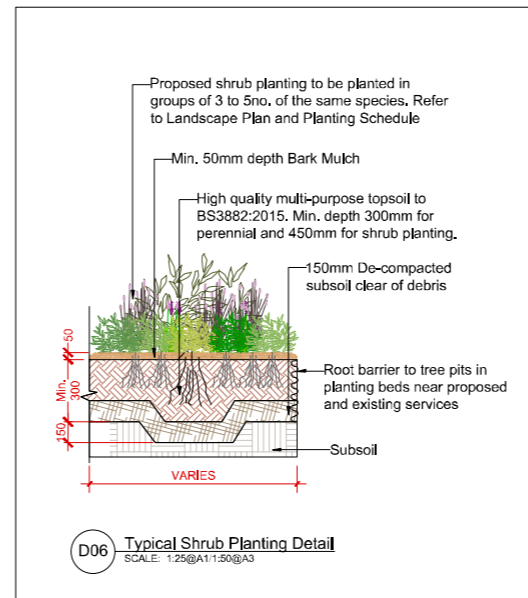
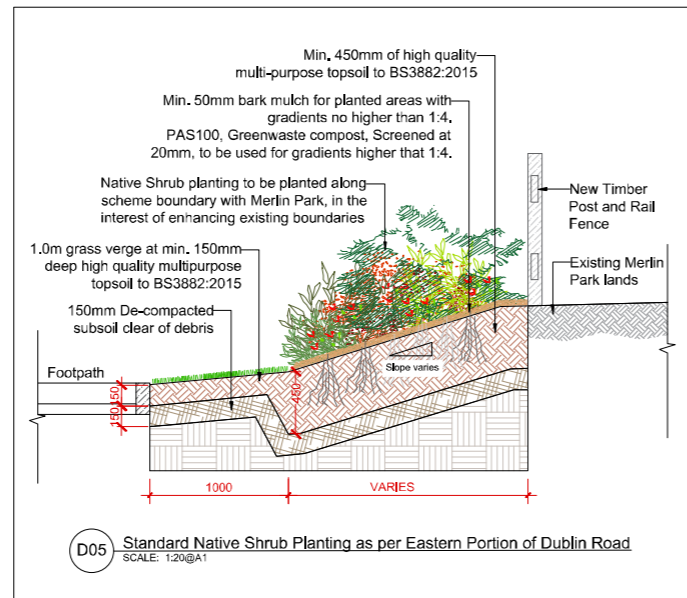
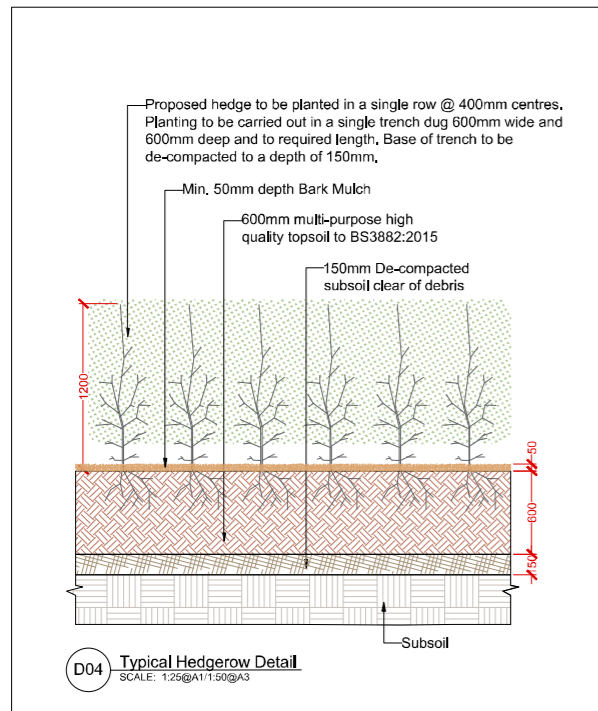
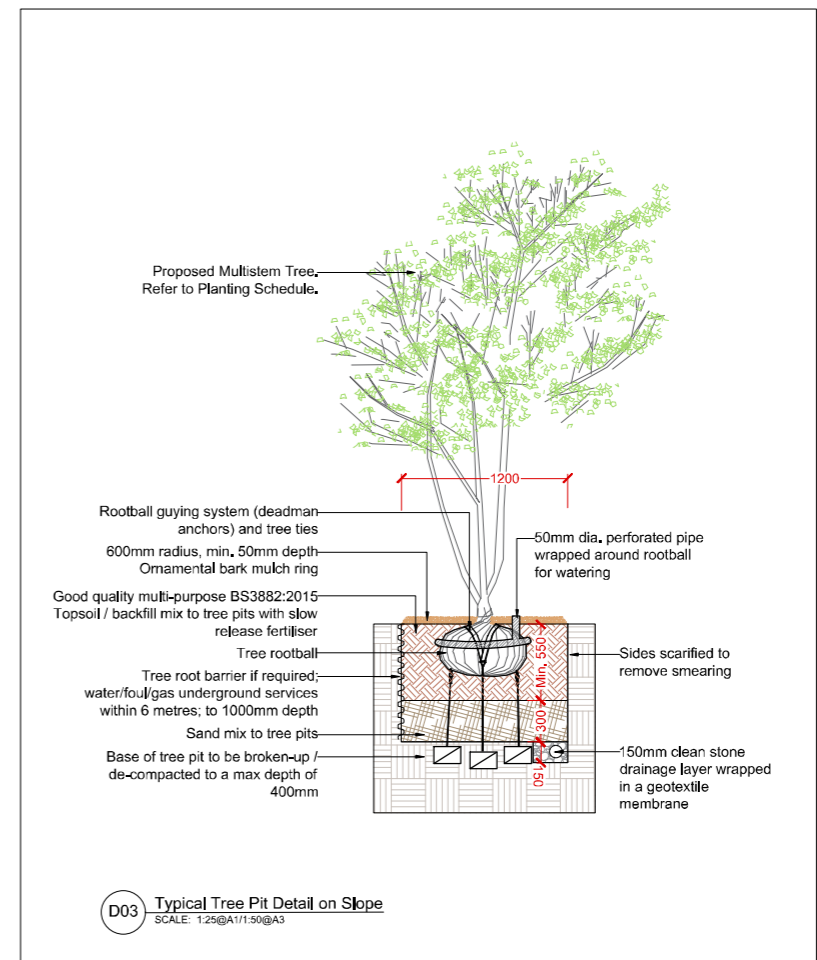
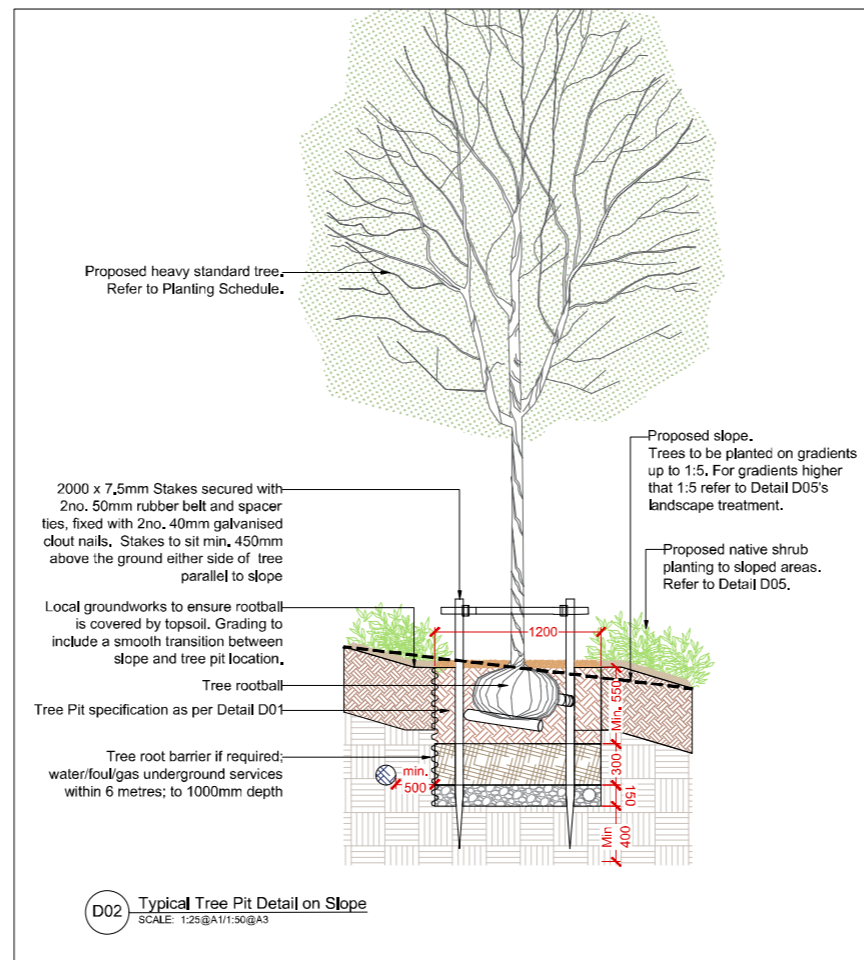
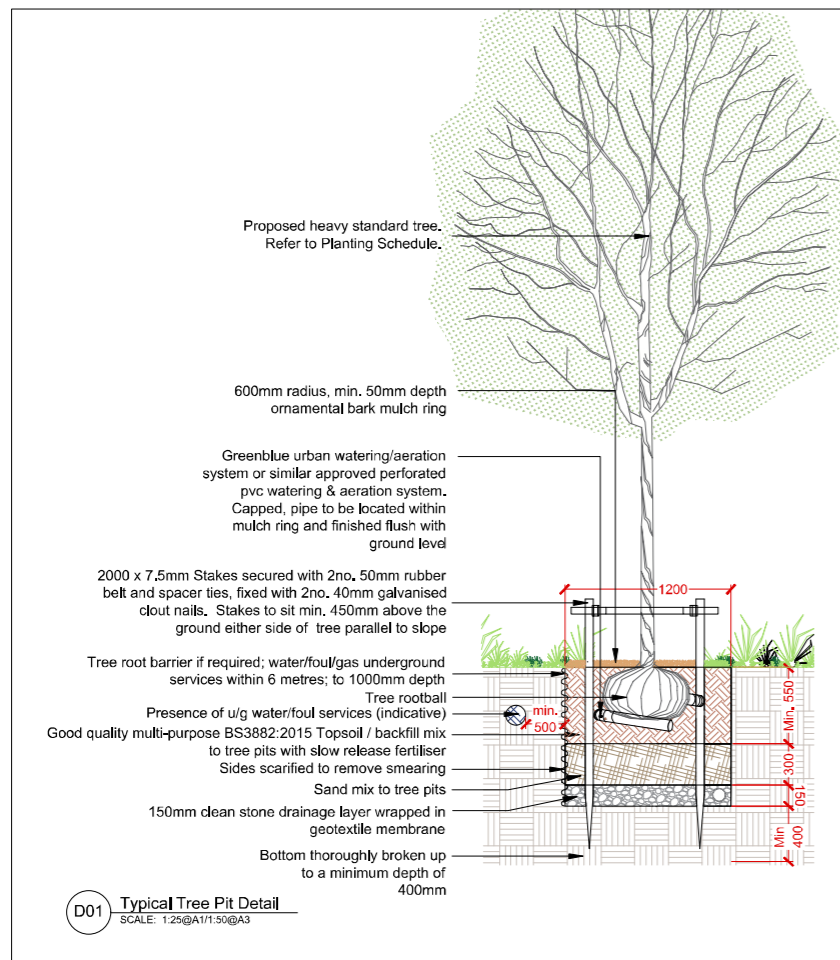
Grass Mix	Sowing Rate (g/m2)	% in mix	Total No. (kg)	Comments	Establishment Maintenance Period 18 months	Management year 5-10
Flowering Lawn - Low Growing Meadow Mix - Multiflowers & Grass from connecting landscape or similar approved	5	100	6348	-Site preparation should aim for a totally weed free start. -Top of edgework foundations to be scrapped off to allow for a minimum 150mm of topsoil prior to seeding grass mix.	-Establishment - protect from traffic until established. -Establishment cut to 10cm, in spring, cut again in Sept/Oct. -Cuttings to be removed and composted.	-Cut bi-weekly to 4-5cm. Spot sowing to bare patches. -Cuttings to be removed and composted.

Notes:  
DO NOT SCALE, use figured dimensions only.  
All levels are referred to Ordnance Survey Datum, Mean Head.  
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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	09/12/2024	MT	PLANTING SCHEDULE	CP	BOC

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	PLANTING SCHEDULE	Rev:	C01
Designed:	MT	Drawing No.:	BCGDR-BTL-ENV_LA-XX-DR-CE-00012
Drawn:	MT	Scale at A1:	N/A
Approved:	BOC	Date:	DEC 2024
Reviewed:	CP		

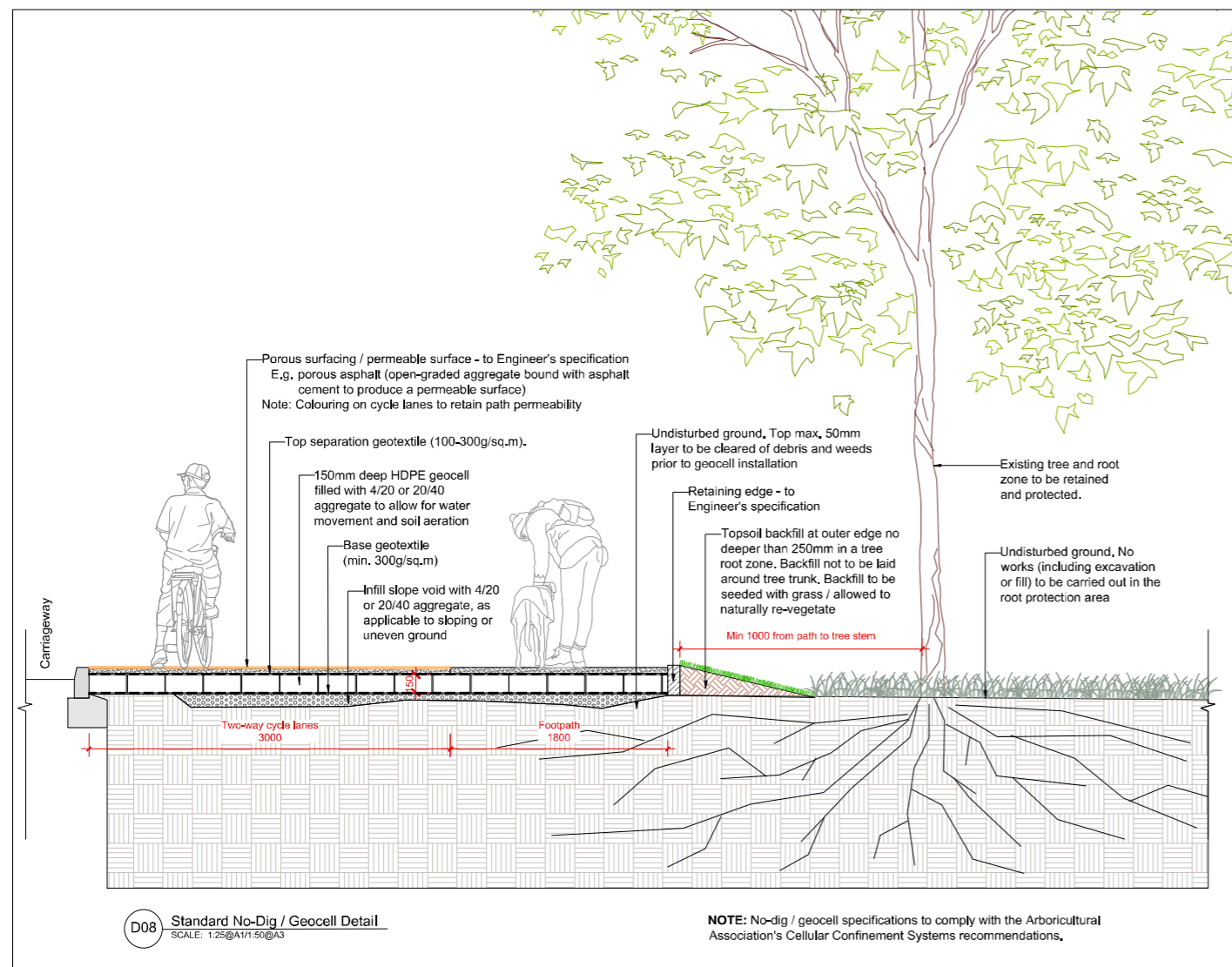




- DRAWING NOTES**
- LANDSCAPE DETAILS TO BE READ IN CONJUNCTION WITH LANDSCAPE PLANS, DWG. no. BCGDR-BTL-ENV\_LA-XX-DR-CE-00001 to 00011.
  - ALL DIMENSIONS SHOWN ARE IN MILLIMETRES UNLESS OTHERWISE STATED AND LEVELS IN METRES TO ORDNANCE DATUM.
  - ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE.
  - ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
  - TREE PROPOSALS HAVE BEEN COORDINATED WITH THE LOCATIONS OF KNOWN EXISTING AND PROPOSED UNDERGROUND SERVICES. TREE PITS IN PROXIMITY TO SERVICES TO INCLUDE A ROOT BARRIER, THE CONTRACTOR WILL CONFIRM THE LOCATION OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
  - REFER TO ARBORIST'S TREE SURVEY AND REPORT FOR MORE INFORMATION ON THE EXISTING VEGETATION ON SITE.
  - THE ELECTRONIC VERSION OF THIS DRAWING IS NOT TO BE USED FOR SETTING OUT.

Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06/12/2024	MIT	LANDSCAPE DET/MS	CP	CP

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE DETAILS - SHEET 01	Rev:	C01
Designed: MIT	Drawing No. BCGDR-BTL-ENV_LA-XX-DR-CE-00013	Approved: CP	Scale: at A1: 1:25
Reviewed: CP	Date: DEC 2024		



**DRAWING NOTES**

1. LANDSCAPE DETAILS TO BE READ IN CONJUNCTION WITH LANDSCAPE PLANS, DWG. no. BCGDR-BTL-ENV\_LA-XX-DR-CE-00001 to 00011.
2. ALL DIMENSIONS SHOWN ARE IN MILLIMETRES UNLESS OTHERWISE STATED AND LEVELS IN METRES TO ORDNANCE DATUM.
3. ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE.
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
5. TREE PROPOSALS HAVE BEEN COORDINATED WITH THE LOCATIONS OF KNOWN EXISTING AND PROPOSED UNDERGROUND SERVICES. TREE PITS IN PROXIMITY TO SERVICES TO INCLUDE A ROOT BARRIER, THE CONTRACTOR WILL CONFIRM THE LOCATION OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
6. REFER TO ARBORIST'S TREE SURVEY AND REPORT FOR MORE INFORMATION ON THE EXISTING VEGETATION ON SITE.
7. THE ELECTRONIC VERSION OF THIS DRAWING IS NOT TO BE USED FOR SETTING OUT.

Tionscadal Éireann  
Project Ireland  
2040

BUS  
CONNECTS  
GALWAY  
SUSTAINABLE TRANSPORT FOR A BETTER CITY.

NTA  
Údarás Náisiúnta Iompair  
National Transport Authority



**Notes:**  
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Rev.	Date	Drawn	Description	Chk'd	Appr.
001	06/12/2024	MIT	LANDSCAPE DETAILS	CP	CP

Project Title:	BUSCONNECTS GALWAY: DUBLIN ROAD	Status:	A1
Drawing Title:	LANDSCAPE DETAILS - SHEET 02	Rev:	C01
Designed: MIT	Drawing No.		
Drawn: MIT	BCGDR-BTL-ENV_LA-XX-DR-CE-00014		
Approved: CP	Scale at A1: 1:25		
Reviewed: CP	Date: DEC 2024		