

Luas Finglas

Railway Order Drawings 2024

Landscape Book

LANDSCAPE			
Area	Plan Drawing No.	Internal Drawing No. (File No.)	Description
30	D1-AL 30 O-A	LDD101-BEV-GA-GD03-XX-DR-AL-00101	Bannow Road
30	D1-AL 30 A-O	LDD101-BEV-GA-GD03-XX-DR-AL-00102	Broombridge Depot
31	D1-AL 31 O-A	LDD101-BEV-GA-GZ31-XX-DR-AL-00103	Bannow Road to Broombridge Road
31	D1-AL 31 A-B	LDD101-BEV-GA-GZ31-XX-DR-AL-00104	Broombridge Road to Tolka Valley Park
31	D1-AL 31 B-O/1	LDD101-BEV-GA-GZ31-XX-DR-AL-00105	Tolka Valley Park to Tolka Valley Road
31	D1-DR 31 B-O	LDD101-BEV-GA-GZ31-XX-DR-CD-00101	Integrated Construction Wetland
31	D1-AL 31 O-B	LDD101-BEV-GA-GZ31-XX-DR-AL-00106	D1-AL 31 O-B Cross sections
31	D1-AL 31 B-O/2	LDD101-BEV-GA-GZ31-XX-DR-AL-00107	D1-AL 31 B-O Cross sections
32	D1-AL 32 O-A	LDD101-BEV-GA-GZ32-XX-DR-AL-00101	Tolka Valley Road to Barnamore Grove
32	D1-AL 32 A-B	LDD101-BEV-GA-GZ32-XX-DR-AL-00102	Barnamore Grove to St Helena's
32	D1-AL 32 B-C/1	LDD101-BEV-GA-GZ32-XX-DR-AL-00103	St Helena's to Casement Road
32	D1-AL 32 1-2	LDD101-BEV-GA-GZ32-XX-DR-AL-00106	Farnham Drive Extension
32	D1-AL 32 C-D	LDD101-BEV-GA-GZ32-XX-DR-AL-00104	Casement Road to Patrickswell Place
32	D1-AL 32 D-O/1	LDD101-BEV-GA-GZ32-XX-DR-AL-00105	Patrickswell Place to Mellows Road
32	D1-AL 32 3-4	LDD101-BEV-GA-GZ32-XX-DR-AL-00110	Cardiff Castle Road to Finglaswood Road
32	D1-AL 32 O-B	LDD101-BEV-GA-GZ32-XX-DR-AL-00107	D1-AL 32 O-B Cross sections
32	D1-AL 32 B-C/2	LDD101-BEV-GA-GZ32-XX-DR-AL-00108	D1-AL 32 B-C Cross sections
32	D1-AL 32 D-O/2	LDD101-BEV-GA-GZ32-XX-DR-AL-00109	D1-AL 32 D-O Cross sections
33	D1-AL 33 O-A	LDD101-BEV-GA-GZ33-XX-DR-AL-00101	Mellows Road to Mellows Park
33	D1-AL 33 A-B	LDD101-BEV-GA-GZ33-XX-DR-AL-00102	Mellows Park
33	D1-AL 33 B-C	LDD101-BEV-GA-GZ33-XX-DR-AL-00103	Mellows Park to St Margaret's Road
33	D1-AL 33 1-2	LDD101-BEV-GA-GZ33-XX-DR-AL-00106	Jamestown BP Access Road
33	D1-AL 33 C-D	LDD101-BEV-GA-GZ33-XX-DR-AL-00104	St Margaret's Road
33	D1-AL 33 D-O	LDD101-BEV-GA-GZ33-XX-DR-AL-00105	Charlestown Stop
33	D1-AL 33 B-O	LDD101-BEV-GA-GZ33-XX-DR-AL-00107	D1-AL 33 B-O Cross sections

D1-AL 33 D-O

D1-AL 33 C-D

D1-AL 33 1-2

D1-AL 33 B-C

D1-AL 33 A-B

D1-AL 33 O-A

D1-AL 32 3-4

D1-AL 32 D-O

D1-AL 32 C-D

D1-AL 32 B-C

D1-AL 32 1-2

D1-AL 32 A-B

D1-AL 32 O-A

D1-AL 31 B-O

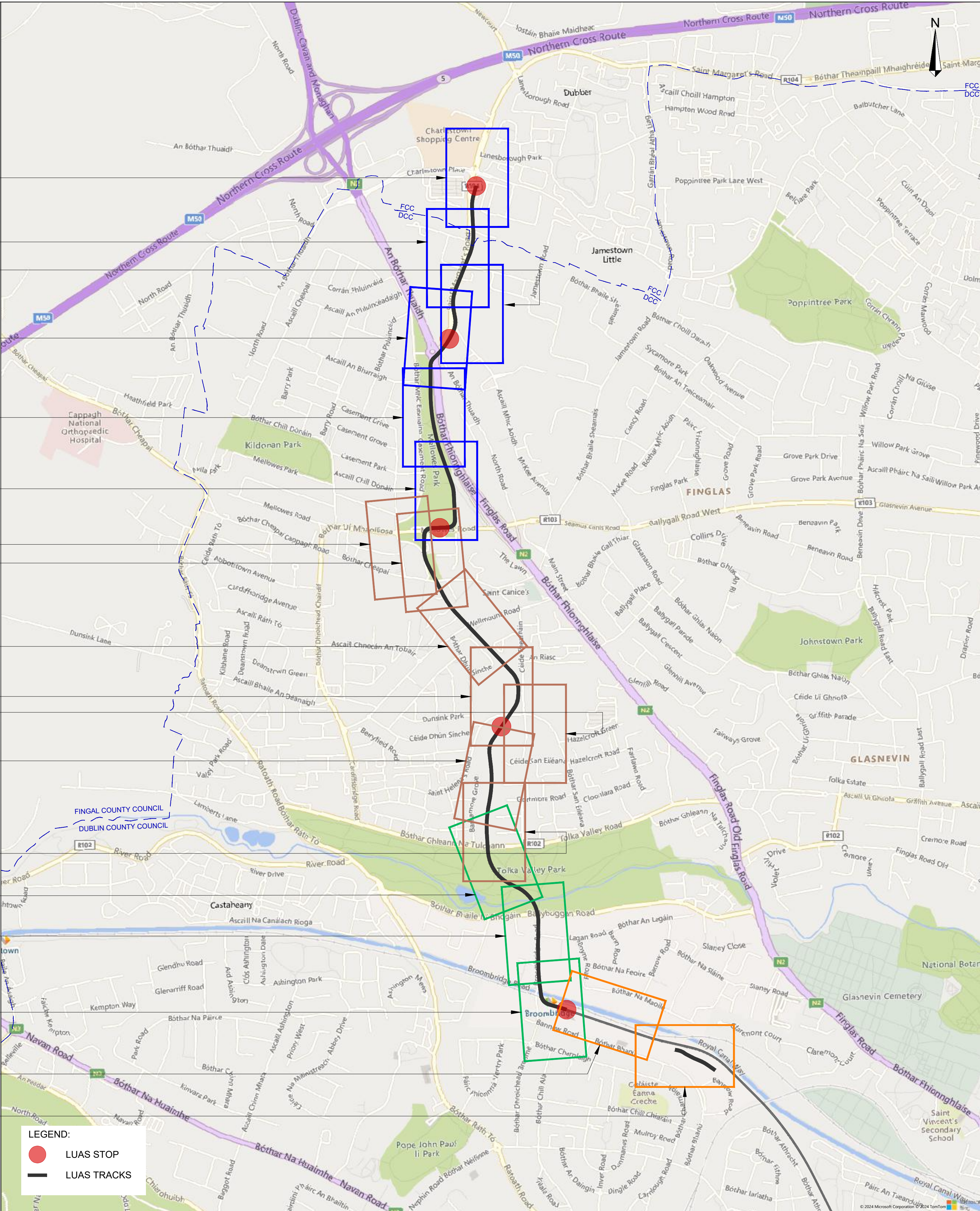
D1-DR 31 B-O

D1-AL 31 A-B

D1-AL 31 O-A

D1-AL 30 A-O

D1-AL 30 O-A



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P01	2024-04-18	FIRST DRAFT FOR ISSUE	MG	FB	
P02	2024-09-02	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
C01	2024-10-15	FOR RAILWAY ORDER	MG	FB	ED
REV	DATE	DESCRIPTION	BY	CHK	APPD

PROJECT: <div>LUAS</div> <div>FINGLAS</div>		CLIENT: <div><div>TII</div><div>Transport Infrastructure Ireland</div></div> <div><div>Issued On: 05/09/2024 at 10:56:16 AM</div><div>Drawn By: A. Clark E. Ely</div><div>Designed: Suzanne Curran</div><div>Drawn By: E. Daly</div><div>UTM Code: 4610</div><div>Phone: 00353 1 646 3800</div><div>www.tii.ie</div></div>		AUTHORITY: <div><div>NTA</div><div>Údará Náisiúnta Iomparáil</div><div>National Transport Authority</div></div>	
CONSULTANT: <div><div><div><div></div></div><div>BARRY</div><div>TRANSPORTATION</div></div><div><div>e</div><div>egis</div></div></div>					
DRAWN: M.Galeza	CONTENT CHECK: F.Weber	QUALITY CHECK: U.Fitzmaurice	APPROVED: E.Daly	DATE: 2024-10-15	
SCALES: 1:10000 @ A1	DRAWING STATUS: Planning				

PROJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS	CHAINAGE / CORE AREA N/A	
PROCUREMENT REF: LDD101	BASE MODEL REF:	
DRAWING TITLE: RAILWAY ORDER LANDSCAPE ARRANGEMENT INDEX SHEET		
FILE NAME: LDD101-BEV-GN-ROUT-XX-DR-CX-00101	PLAN NUMBER: D1-AL O-O	SUITABILITY REVISION: A4 C01



- Hard Landscape Treatments**
 - Asphalt
 - To carriageway
 - Asphalt
 - To trackform on carriageway
 - Gravel
 - Between trackforms
 - Ballast
 - To trackform on depot
 - Natural river stone paving
 - To anti-trespass feature
- Soft Landscape Treatments**
 - Existing tree removed
 - Existing tree retained
 - Meadow grassland
 - Screen climbing planting
 - Reinstated landscape
- Boundary Treatment**
 - Existing fence retained
 - Existing wall retained
 - Wire-mesh fencing
 - 2m wall
- Street Furniture**
 - OCS poles
 - Recovered OCS Pole

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P01	2024-02-12	ISSUE FOR REVIEW	MG	FB	GD
P02	2024-03-01	ISSUE FOR REVIEW	MG	FB	ED
P03	2024-04-26	ISSUE FOR REVIEW	MG	FB	ED
P04	2024-07-26	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P05	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED
REV	DATE	DESCRIPTION	BY	CHK	APPD

PROJECT:
LUAS
FINGLAS

CLIENT:
TII
Transport Infrastructure Ireland

Local OCS Upgrade as Part of LUAS Finglas Phase 2
Bannow Road Station
Preliminary Design
Drawing No. D1-AL 30 O-A
Issue Date: 2024-10-15
Project No: 1001 1446 3000
www.tii.ie

AUTHORITY:
NTA
Údarás Náisiúnta Iompair
National Transport Authority

CONSULTANT:
BARRY
TRANSPORTATION

egis

DRAWN:
F.Weber

CONTENT CHECK:
M.Galeza

QUALITY CHECK:
U.Fitzmaurice

APPROVED:
E.Daly

DATE:
2024-10-15

SCALES:
1:500 @ A1

DRAWING STATUS:
Planning

PROJECT TITLE:
LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS
LDD101

CHAINAGE / CORE AREA: AREA 30

DRAWING TITLE:
RAILWAY ORDER
LANDSCAPE ARRANGEMENT
BANNOW ROAD

BASE MODEL REF:

FILE NAME:
LDD101-BEV-GA-GD03-XX-DR-AL-00101

PLAN NUMBER:
D1-AL 30 O-A

SUITABILITY REVISION
A4 C01



Hard Landscape Treatments

- Asphalt
 - To carriageway
 - To trackform on carriageway
 - Asphalt coloured coating
 - To pedestrian priority zone on carriageway
 - Granite setts paving
 - To trackform on tram stop
 - Cobble sett rumble strip
 - To indicate pedestrian crossing
 - Exposed aggregate bituminous finish
 - To cycle path
 - Buff cycle track surfacing
 - To urban cycle track
 - Red cycle track surfacing
 - To urban cycle track
 - Exposed aggregate bituminous finish
 - To match to existing paving
 - Exposed aggregate concrete
 - To urban footpath
 - Concrete paving
 - To match to existing paving
- Self-binding gravel
 - To parkland resting area and bike parking
- Resin-bound gravel
 - To parkland footpath
- Stagger bond granite paving
 - To tram stop platform
- Granite paving module
 - To tram stop plaza
- Permeable paving module
 - To SuDS area
- Grasscrete paving
 - To vehicle access area
- Grass track
 - To tram stop platform edge
- Tactile stone paving
 - To tram stop platform edge
- Gravel
 - Beneath structure
- Natural river stone paving
 - To urban footpath
- Wheel trap
 - To anti-vehicle feature

Soft Landscape Treatments

- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- Parkland tree
- Feature tree
- Woodland planting

Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Type commercial
- Park railing
- Low railing
- Ball stop fencing
- Proposed gate

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS pole
- 5m Height Lighting pole
- 8m Height Lighting pole
- 10m Height Lighting pole
- Public Lighting (Metering and Distribution)
- Wooden Bollard
- Litter Bin
- Blister tactile paver
- LRT Cabinets

Tram Stop Furniture

- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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P01	2024-03-01	ISSUE FOR REVIEW	MG	FB	ED
P02	2024-04-26	ISSUE FOR REVIEW	MG	FB	ED
P03	2024-07-26	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P04	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED
REV	DATE	DESCRIPTION	BY	CHK	APPD

PROJECT:

CONSULTANT:

DRAWN:
F.Weber

SCALES:
1:500 @ A1

CLIENT:

QUALITY CHECK:
U.Fitzmaurice

CONTENT CHECK:
M.Galeza

DRAWING STATUS:
Planning

AUTHORITY:

APPROVED:
E.Daly

DATE:
2024-10-15

PROJECT TITLE:
LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101

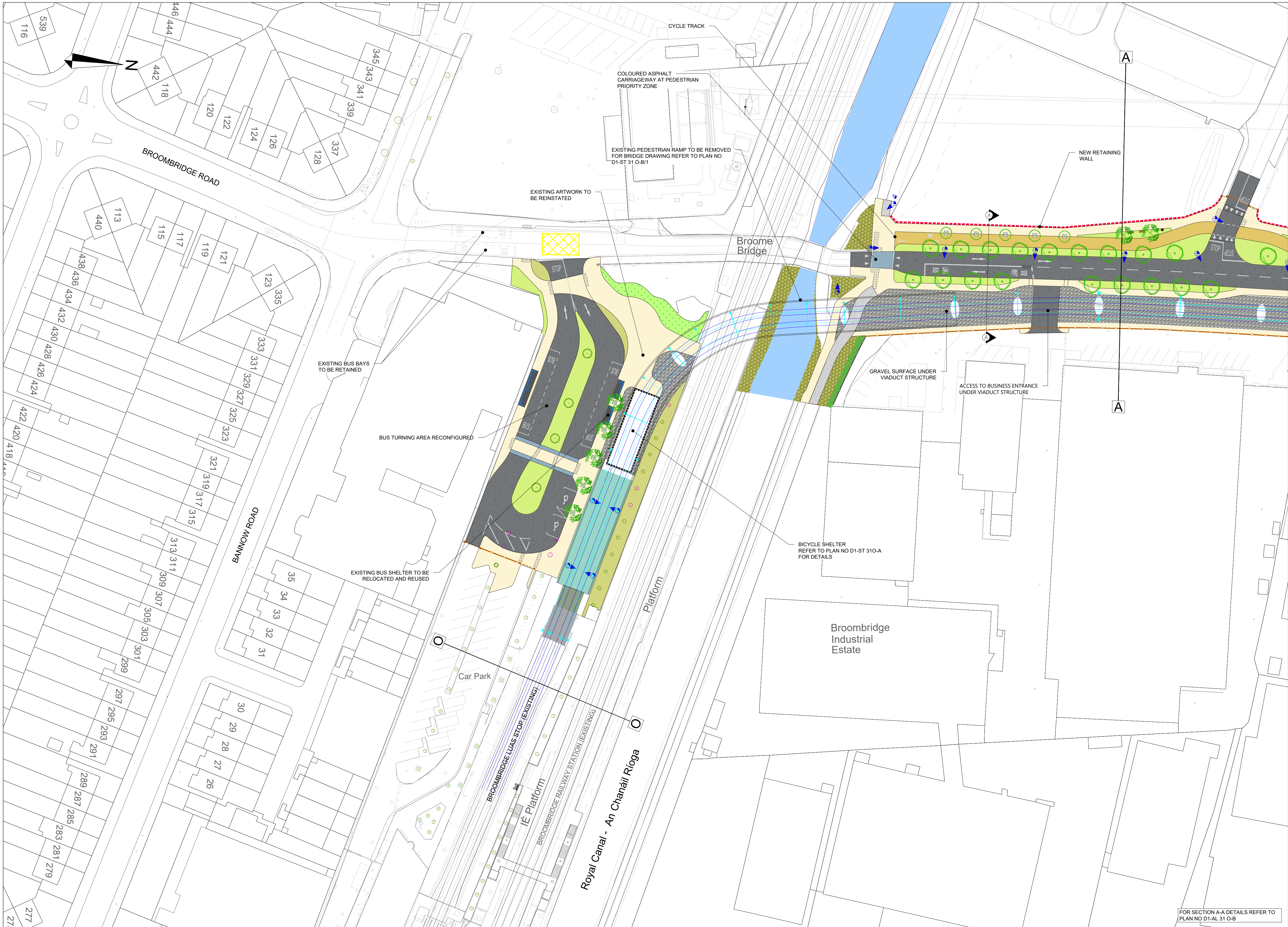
CHAINAGE / CORE AREA: AREA 30

DRAWING TITLE:
RAILWAY ORDER
LANDSCAPE ARRANGEMENT
BROOMBRIDGE DEPOT

FILE NAME:
LDD101-BEV-GA-GD03-XX-DR-AL-00102

PLAN NUMBER:
D1-AL 30 A-O

SUITABILITY REVISION:
A4 C01



Hard Landscape Treatments

- Asphalt
- To carriageway
- Asphalt
- To trackform on carriageway
- Asphalt coloured coating
- To pedestrian priority zone on carriageway
- Granite setts paving
- To trackform on tram stop
- Cobble sett rumble strip
- To indicate pedestrian crossing
- Exposed aggregate bituminous finish
- To parkland cycle track
- Buff cycle track surfacing
- To urban cycle track
- Red cycle track surfacing
- To urban cycle track
- Exposed aggregate bituminous finish
- To match to existing paving
- Exposed aggregate concrete
- To urban footpath
- Concrete paving
- To match to existing paving
- Self-binding gravel
- To parkland resting area and bike parking
- Resin-bound gravel
- To parkland footpath
- Stagger bond granite paving
- To tram stop platform
- Granite paving module
- To tram stop plaza
- Permeable paving module
- To SuDS area
- Grasscrete paving
- To vehicle access area
- Granite coping stone
- To tram stop platform edge
- Tactile stone paving
- To tram stop platform edge
- Gravel
- Beneath structure
- Natural river stone paving
- To anti-tresspass feature
- Wheel trap
- To anti-vehicle feature

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- Parkland tree
- Feature tree
- Woodland planting
- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Proposed gate
- Type commercial
- Park railing
- Low railing
- Ball stop fencing

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS poles
- 5m Lantern mounting height
- 8m Lantern mounting height
- 10m Lantern mounting height
- Public Lighting (Metering and Distribution)
- LRT Cabinets
- Wooden bollard
- Litter bin
- Blister tactile paver

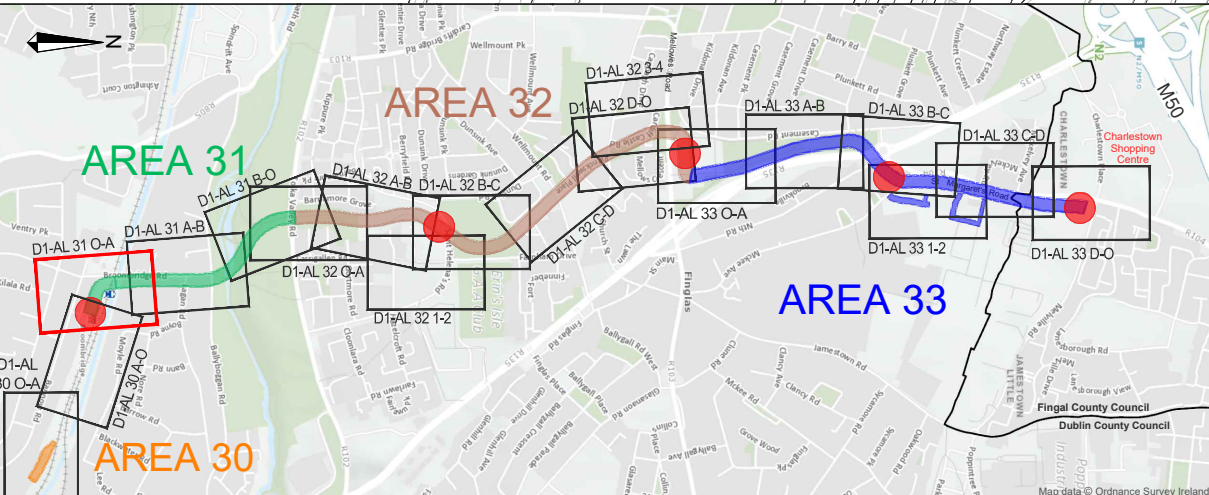
Tram Stop Furniture

- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-01	ISSUE FOR REVIEW	MG	FB	ED
P02	2024-04-26	ISSUE FOR REVIEW	MG	FB	ED
P03	2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P04	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT: **LUAS FINGLAS**

CONSULTANT: **BARRY TRANSPORTATION**

DRAWN: **F.Weber**

SCALES: **1:500 @ A1**

CLIENT: **TII**

CONTENT CHECK: **M.Galeza**

DRAWING STATUS: **Planning**

QUALITY CHECK: **U.Fitzmaurice**

APPROVED: **E.Daly**

DATE: **2024-10-15**

PROJECT TITLE: **LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101**

PROCUREMENT REF:

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE ARRANGEMENT BANNOW ROAD TO BROOMBRIDGE ROAD**

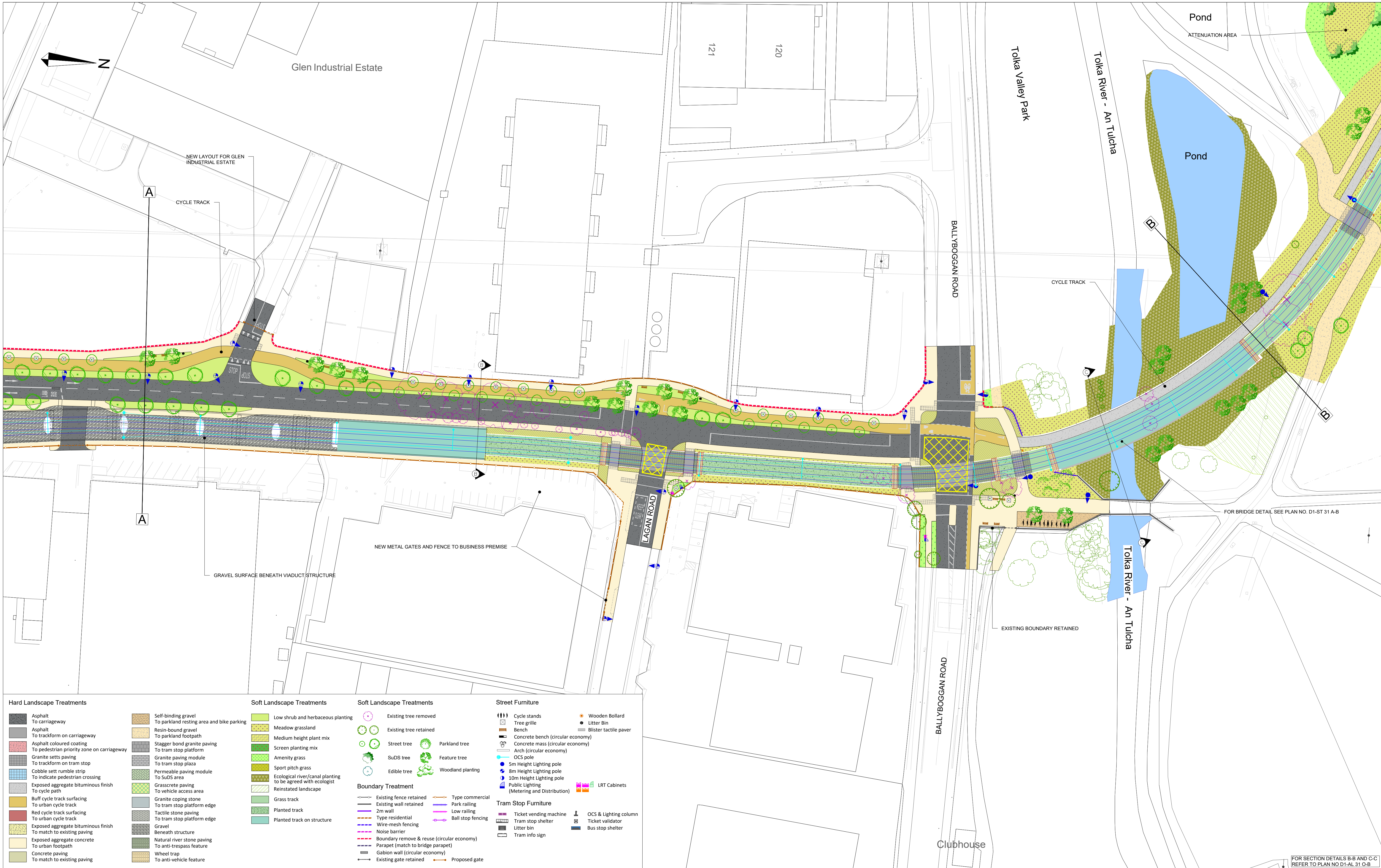
CHAINAGE / CORE AREA: **AREA 31**

BASE MODEL REF:

FILE NAME: **LDD101-BEV-GA-GZ31-XX-DR-AL-00103**

PLAN NUMBER: **D1-AL 31 O-A**

SUITABILITY REVISION: **A4 C01**



Hard Landscape Treatments

- Asphalt
- To carriageway
- Asphalt
- To trackform on carriageway
- Asphalt coloured coating
- To pedestrian priority zone on carriageway
- Granite setts paving
- To trackform on tram stop
- Cobble sett rumble strip
- To indicate pedestrian crossing
- Exposed aggregate bituminous finish
- To cycle path
- Buff cycle track surfacing
- To urban cycle track
- Red cycle track surfacing
- To urban cycle track
- Exposed aggregate bituminous finish
- To match to existing paving
- Exposed aggregate concrete
- To urban footpath
- Concrete paving
- To match to existing paving

Soft Landscape Treatments

- Self-binding gravel
- To parkland resting area and bike parking
- Resin-bound gravel
- To parkland footpath
- Stagger bond granite paving
- To tram stop platform
- Granite paving module
- To tram stop plaza
- Permeable paving module
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- Grasscrete paving
- To vehicle access area
- Granite coping stone
- To tram stop platform edge
- Tactile stone paving
- To tram stop platform edge
- Gravel
- Beneath structure
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- To anti-trespass feature
- Wheel trap
- To anti-vehicle feature

Soft Landscape Treatments

- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS pole
- 5m Height Lighting pole
- 8m Height Lighting pole
- 10m Height Lighting pole
- Public Lighting (Metering and Distribution)
- Wooden Bollard
- Litter Bin
- Blister tactile paver

Tram Stop Furniture

- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

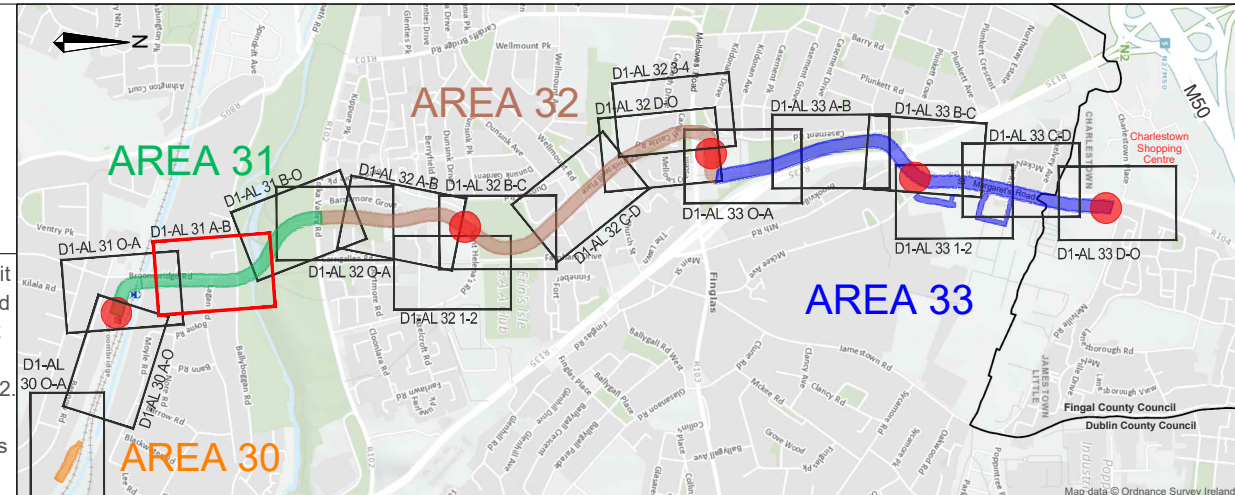
Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Type commercial
- Park railing
- Low railing
- Ball stop fencing
- Proposed gate

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-01	ISSUE FOR REVIEW	MG	FB	ED
P02	2024-04-26	ISSUE FOR REVIEW	MG	FB	ED
P03	2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P04	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT: **LUAS FINGLAS**

CONSULTANT: **BARRY TRANSPORTATION**

DRAWN: **F.Weber**

SCALES: **1:500 @ A1**

CLIENT: **TII**

CONTENT CHECK: **M.Galeza**

DRAWING STATUS: **Planning**

AUTHORITY: **NTA**

QUALITY CHECK: **U.Fitzmaurice**

APPROVED: **E.Daly**

DATE: **2024-10-15**

PROJECT TITLE: **LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101**

PROCUREMENT REF:

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE ARRANGEMENT BROOMBRIDGE ROAD TO TOLKA VALLEY PARK**

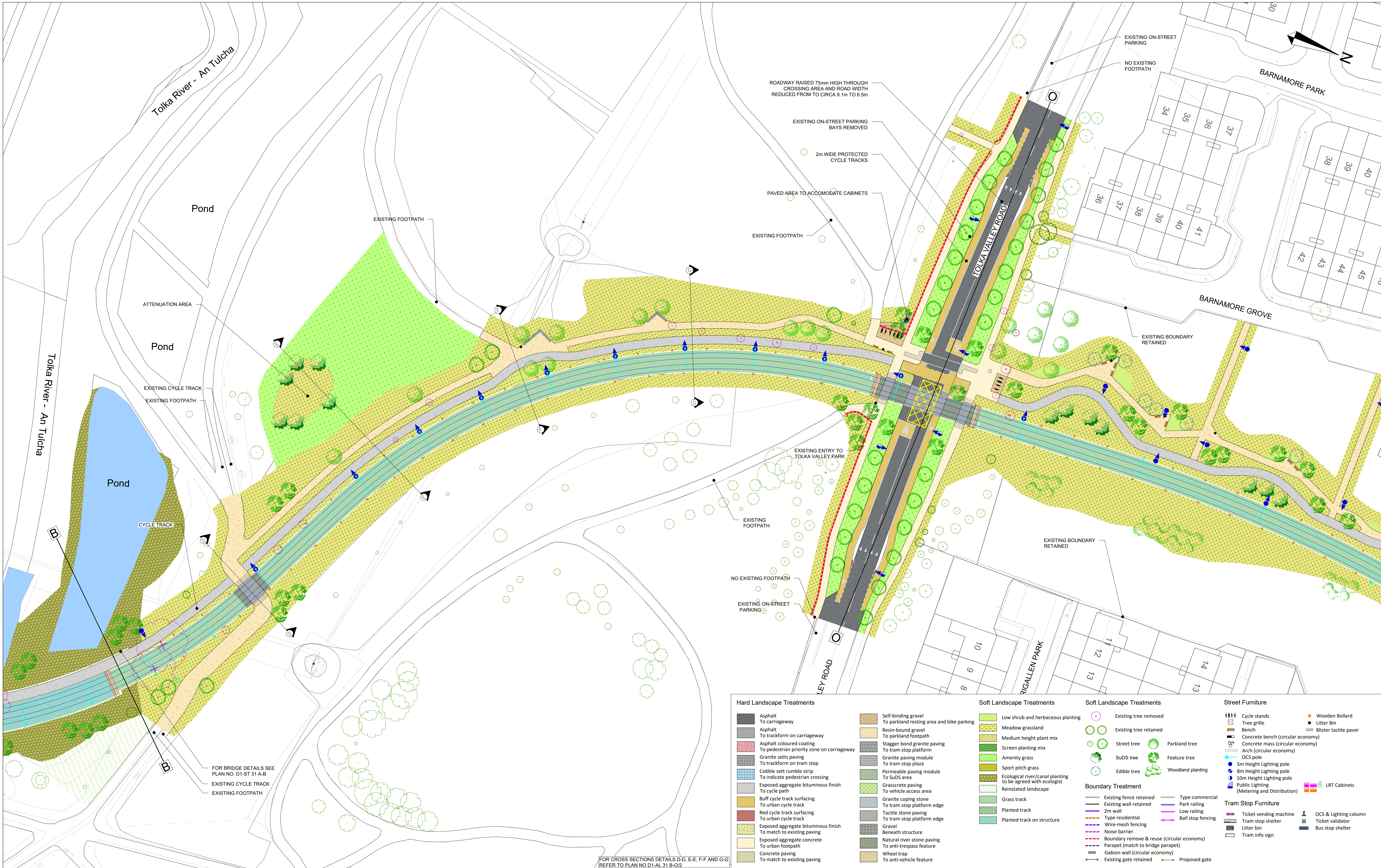
CHAINAGE / CORE AREA: **AREA 31**

BASE MODEL REF:

FILE NAME: **LDD101-BEV-GA-GZ31-XX-DR-AL-00104**

PLAN NUMBER: **D1-AL 31 A-B**

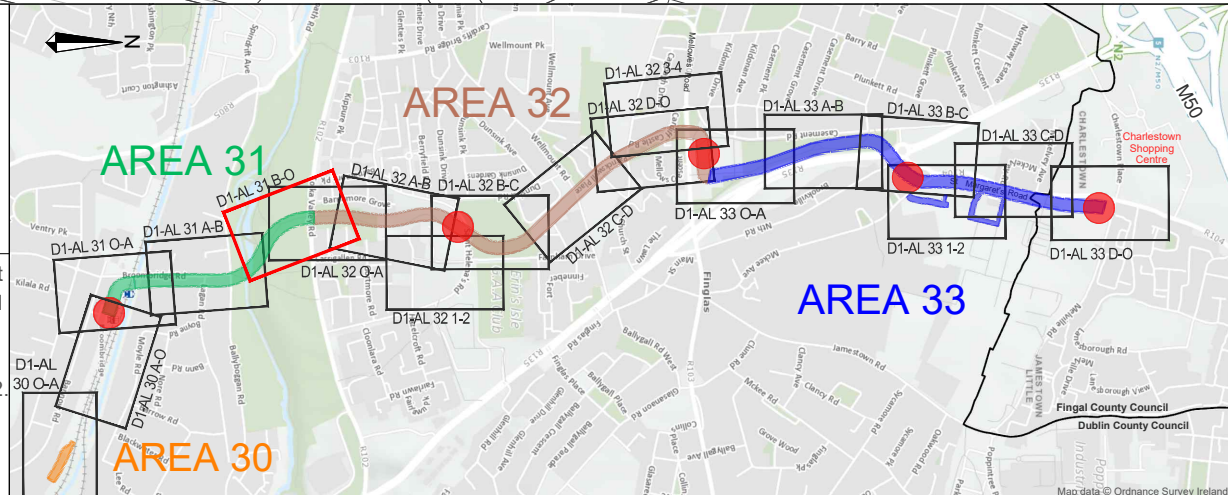
SUITABILITY REVISION: **A4 C01**



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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-01	ISSUE FOR REVIEW	MG	FB	ED
P02	2024-04-26	ISSUE FOR REVIEW	MG	FB	ED
P03	2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P04	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:
LUAS
FINGLAS

CLIENT:
TII
Transport Infrastructure Ireland

AUTHORITY:
NTA
Udaras Náisiúnta Iompair
National Transport Authority

CONSULTANT:
BARRY
TRANSPORTATION

egis

DRAWN:
F.Weber

CONTENT CHECK:
M.Galea

QUALITY CHECK:
U.Fitzmaurice

APPROVED:
E.Daly

DATE:
2024-10-15

SCALES:
1:500 @ A1

DRAWING STATUS:
Planning

PROJECT TITLE:
**LUAS FINGLAS - PRELIMINARY
DESIGN & STATUTORY PROCESS
LDD101**

CHAINAGE / CORE AREA: **AREA 31**

PROCUREMENT REF:

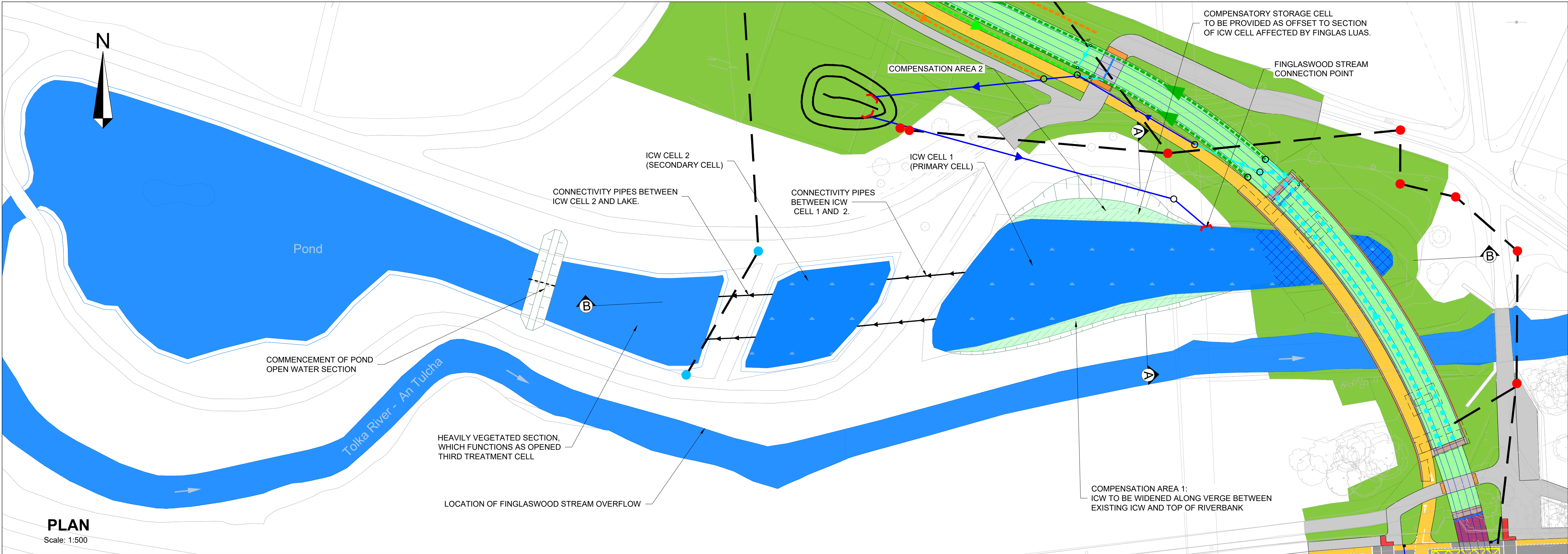
BASE MODEL REF:

DRAWING TITLE:
**RAILWAY ORDER
LANDSCAPE ARRANGEMENT
TOLKA VALLEY PARK TO TOLKA VALLEY ROAD**

FILE NAME:
LDD101-BEV-GA-GZ31-XX-DR-AL-00105

PLAN NUMBER:
D1-AL 31 B-O/1

SUITABILITY REVISION:
A4 C01

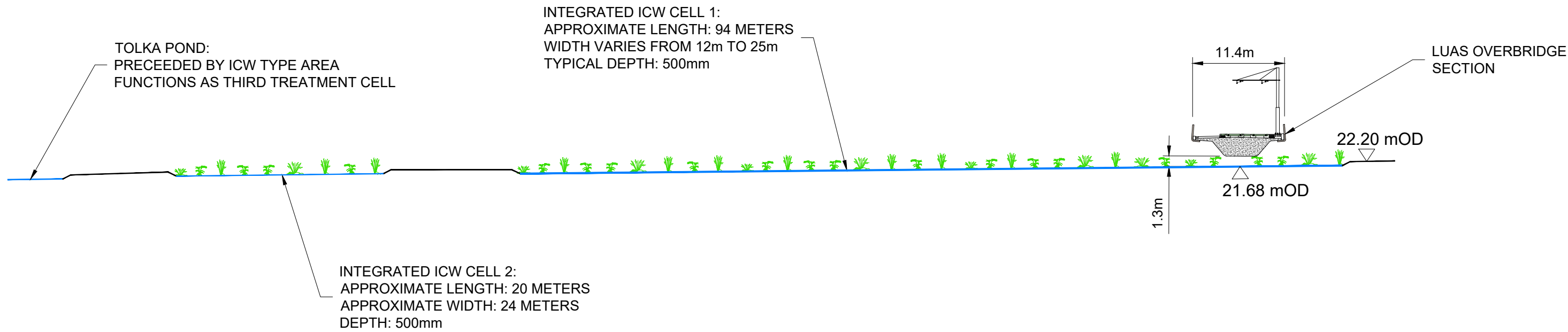


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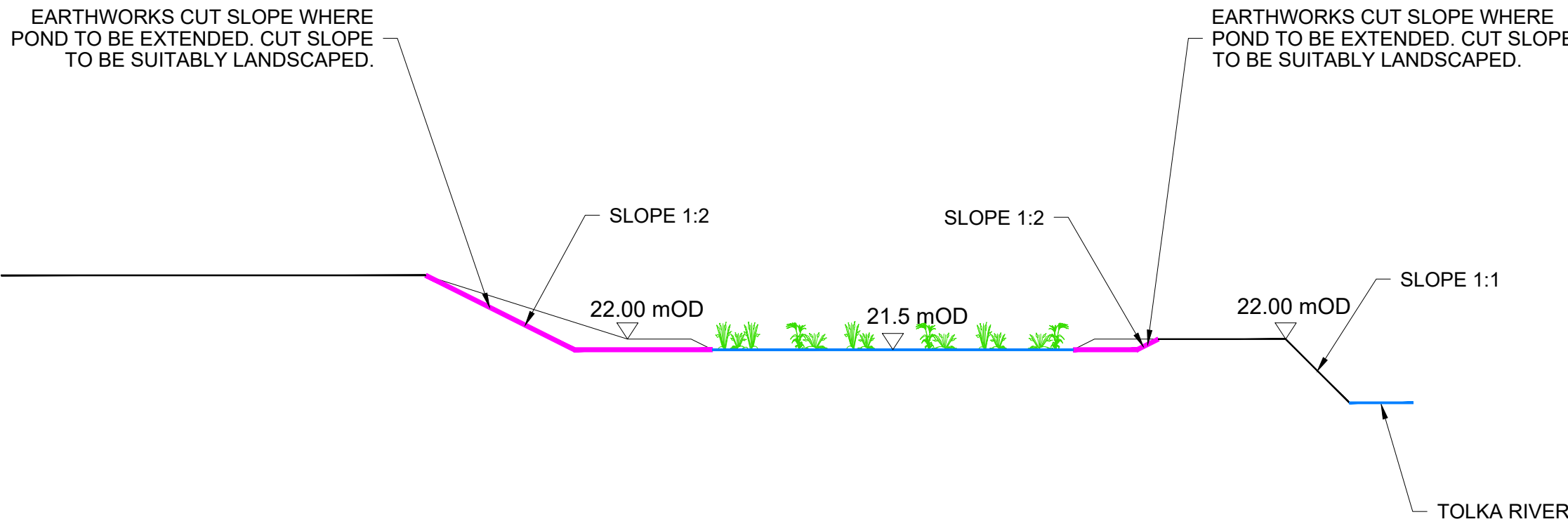
	Carrier Drain
	Carrier Drain
	Perforated Drainage Pipe
	Infiltration Trench
	Track Drainage system
	Filter Drain
	ACO Channel (Pedestrian)
	Proprietary slot based track drainage system
	ACO Drain or similar traverse track drainage system
	Dished Paving
	Existing Surface Water Pipe and Manholes
	Existing Foul Sewer and Manholes
	Lakes, rivers and canals
	ICW Cells
	Cell affected by bridge
	Compensation Storage Area
	ICW
	Access point
	Catchpit Chamber
	Distribution Manhole
	Road Gully
	Side Inlet
	Petrol Interceptor
	ICW Connection Pipes
	Bioretention Area
	Existing tree maintained
	Proposed street tree
	Proposed tree grouping



CROSS SECTION B-B
Scale: 1:500



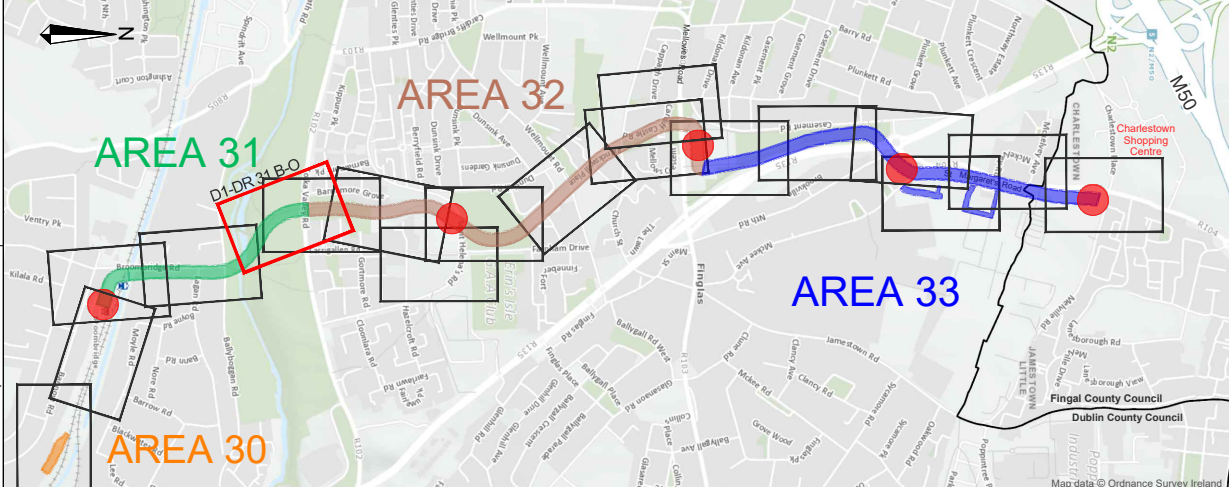
CROSS SECTION A-A
Scale: 1:250



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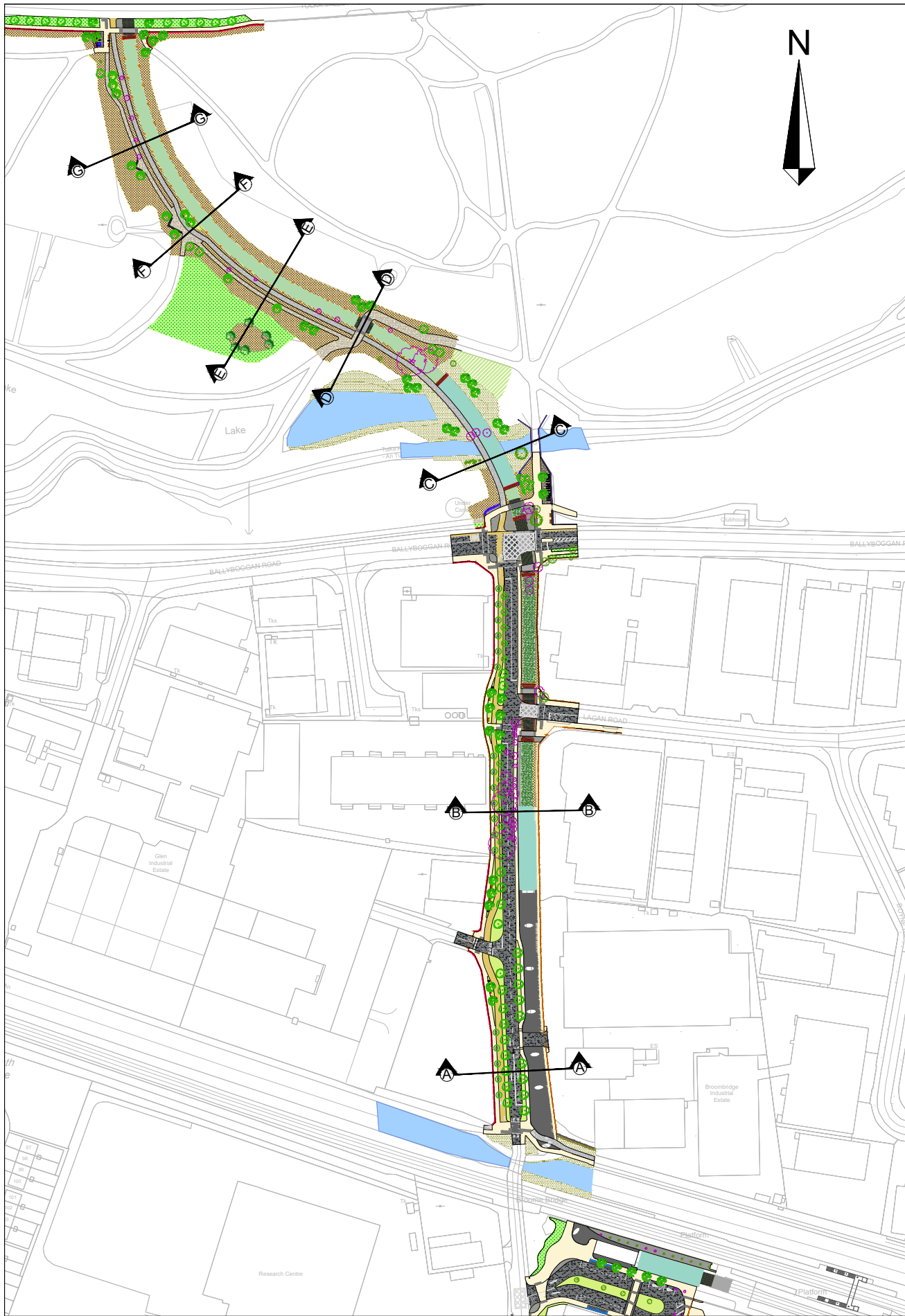
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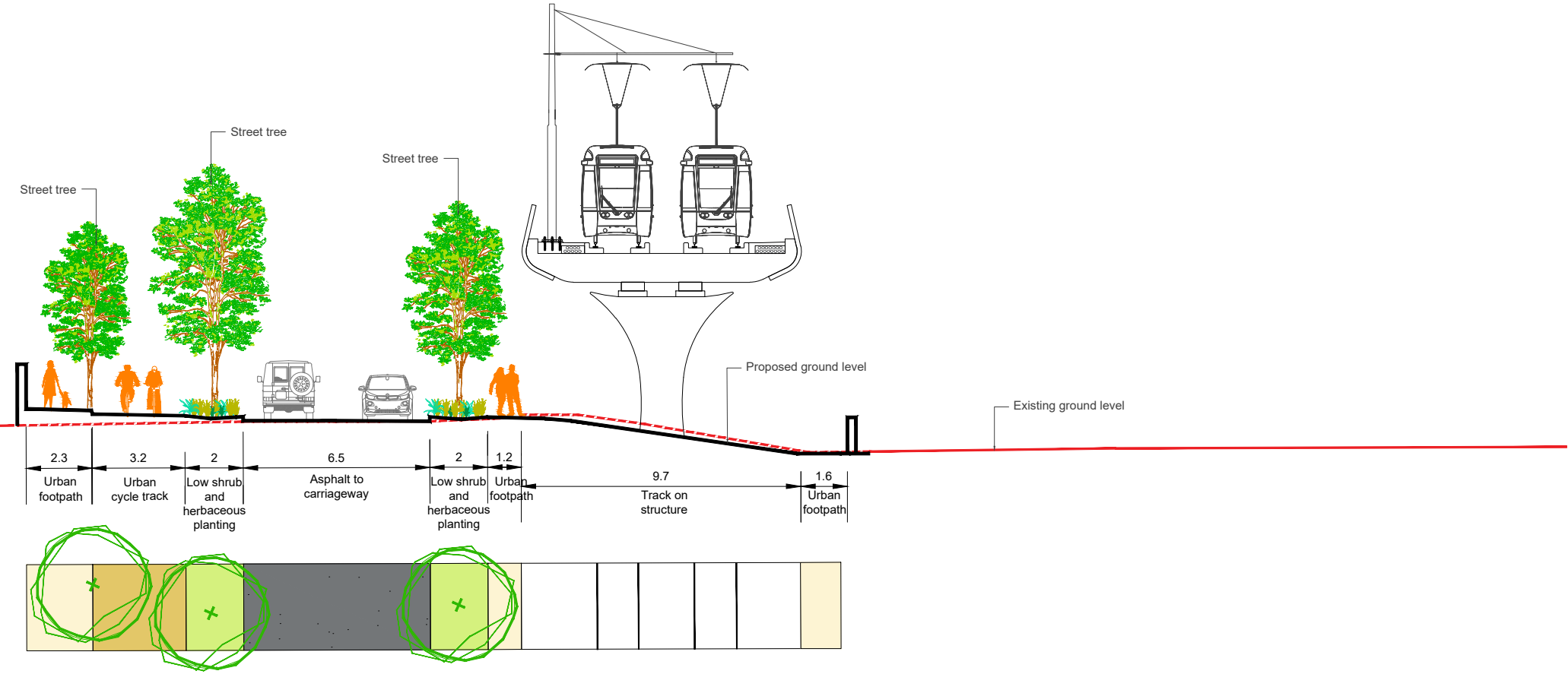
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P03	2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P04	2024-09-26	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII Transport Infrastructure Ireland	NTA Údará Náisiúnta Iompair National Transport Authority
CONSULTANT:	CONTENT CHECK:	QUALITY CHECK:
BARRY TRANSPORTATION	M.Galeza	U.Fitzmaurice
DRAWN:	APPROVED:	DATE:
F.Weber	E.Daly	2024-10-15
SCALES:	DRAWING STATUS:	
1:500 @ A1	Planning	

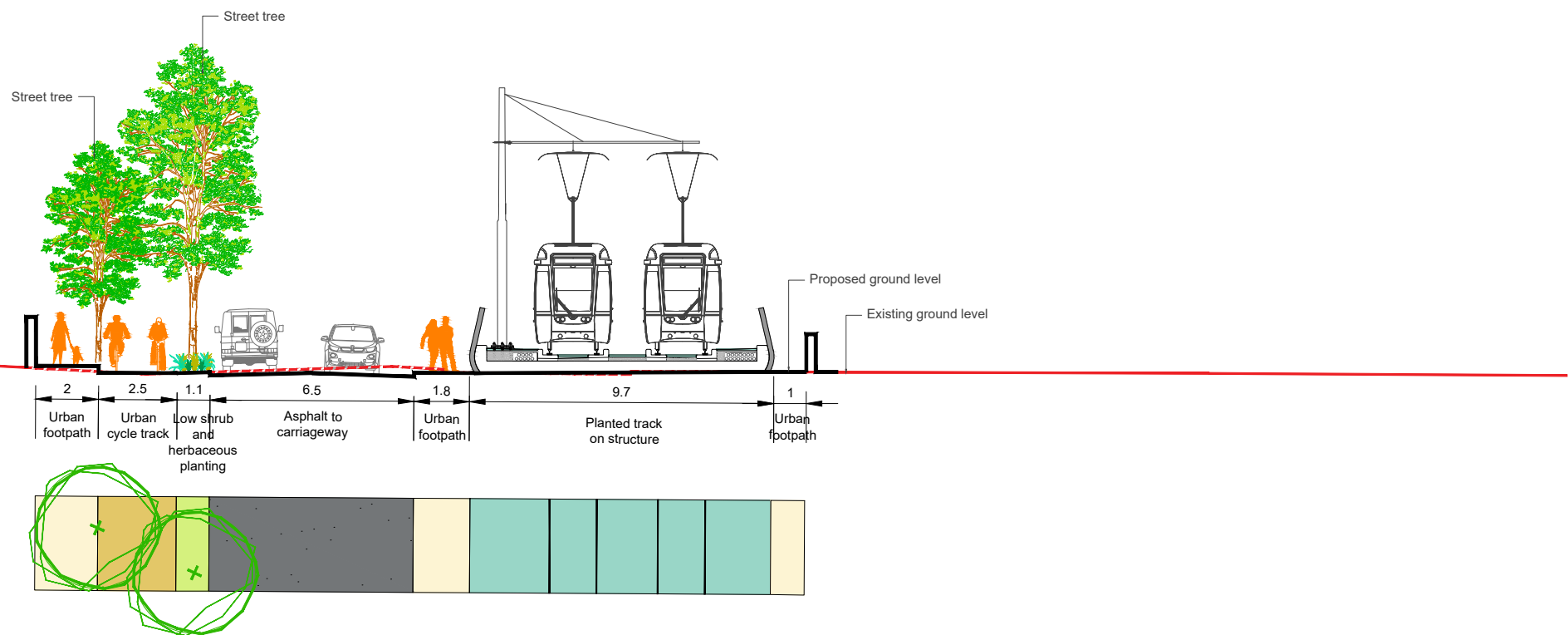
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LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101	AREA 31
PROCUREMENT REF:	BASE MODEL REF:
DRAWING TITLE:	
FILE NAME:	PLAN NUMBER:
LDD101-BEV-GA-GZ31-XX-DR-CD-00101	D1-DR 31 B-O
	SUITABILITY REVISION
	A4 C01



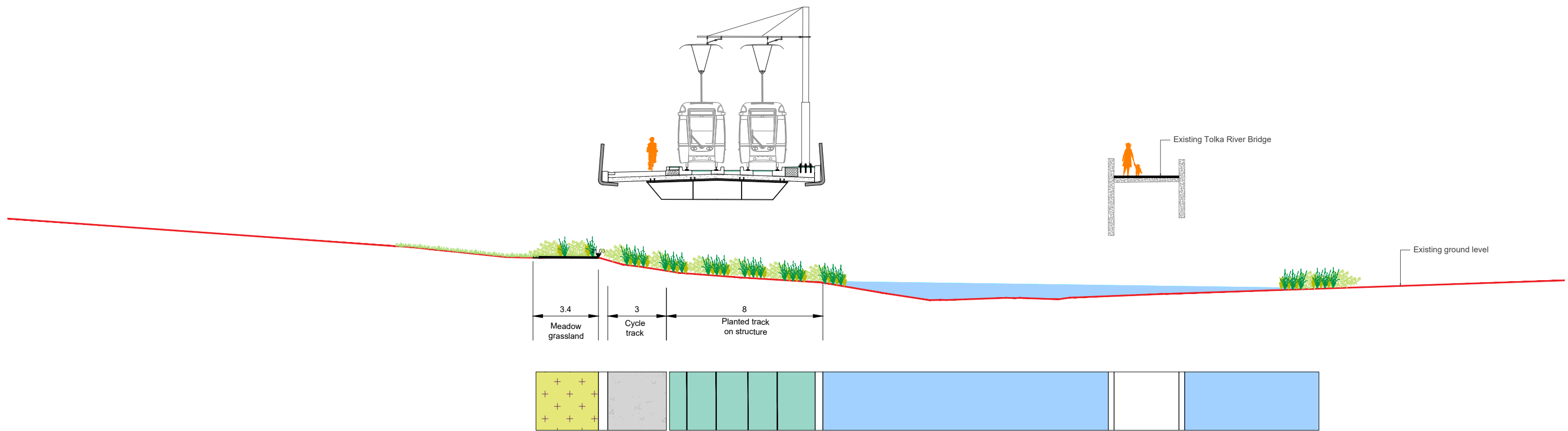
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



CROSS SECTION A-A BROOMBRIDGE ROAD
SCALE 1:200



CROSS SECTION B-B BROOMBRIDGE ROAD
SCALE 1:200



CROSS SECTION C-C TOLKA VALLEY PARK
SCALE 1:200

Hard Landscape Treatments

- Asphalt
- To carriageway
- Asphalt
- To trackform on carriageway
- Asphalt coloured coating
- To pedestrian priority zone on carriageway
- Granite setts paving
- To trackform on tram stop
- Cobble sett rumble strip
- To indicate pedestrian crossing
- Exposed aggregate bituminous finish
- To parkland cycle track
- Buff cycle track surfacing
- To urban cycle track
- Red cycle track surfacing
- To urban cycle track
- Exposed aggregate bituminous finish
- To match to existing paving
- Exposed aggregate concrete
- To urban footpath
- Concrete paving
- To match to existing paving
- Self-binding gravel
- To parkland resting area and bike parking
- Resin-bound gravel
- To parkland footpath
- Stagger bond granite paving
- To tram stop platform
- Granite paving module
- To tram stop plaza
- Permeable paving module
- To SuDS area
- Grasscrete paving
- To vehicle access area
- Granite coping stone
- To tram stop platform edge
- Tactile stone paving
- To tram stop platform edge
- Gravel
- Beneath structure
- Natural river stone paving
- To anti-trespass feature
- Wheel trap
- To anti-vehicle feature

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- Parkland tree
- Feature tree
- Woodland planting
- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Proposed gate
- Type commercial
- Park railing
- Low railing
- Ball stop fencing

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS poles
- 5m Lantern mounting height
- 8m Lantern mounting height
- 10m Lantern mounting height
- Public Lighting (Metering and Distribution)
- LRT Cabinets
- Wooden bollard
- Litter bin
- Blister tactile paver

Tram Stop Furniture

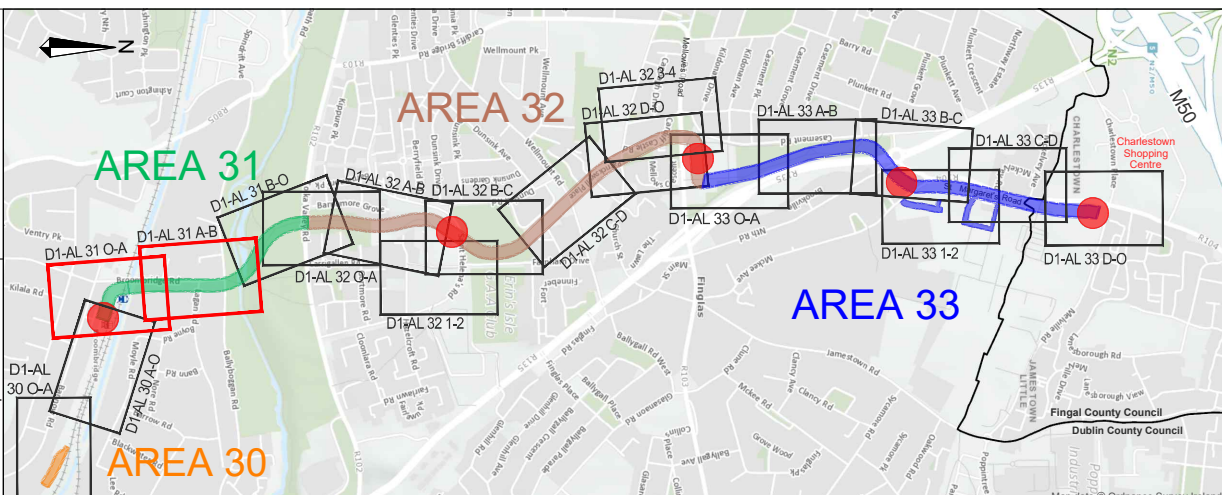
- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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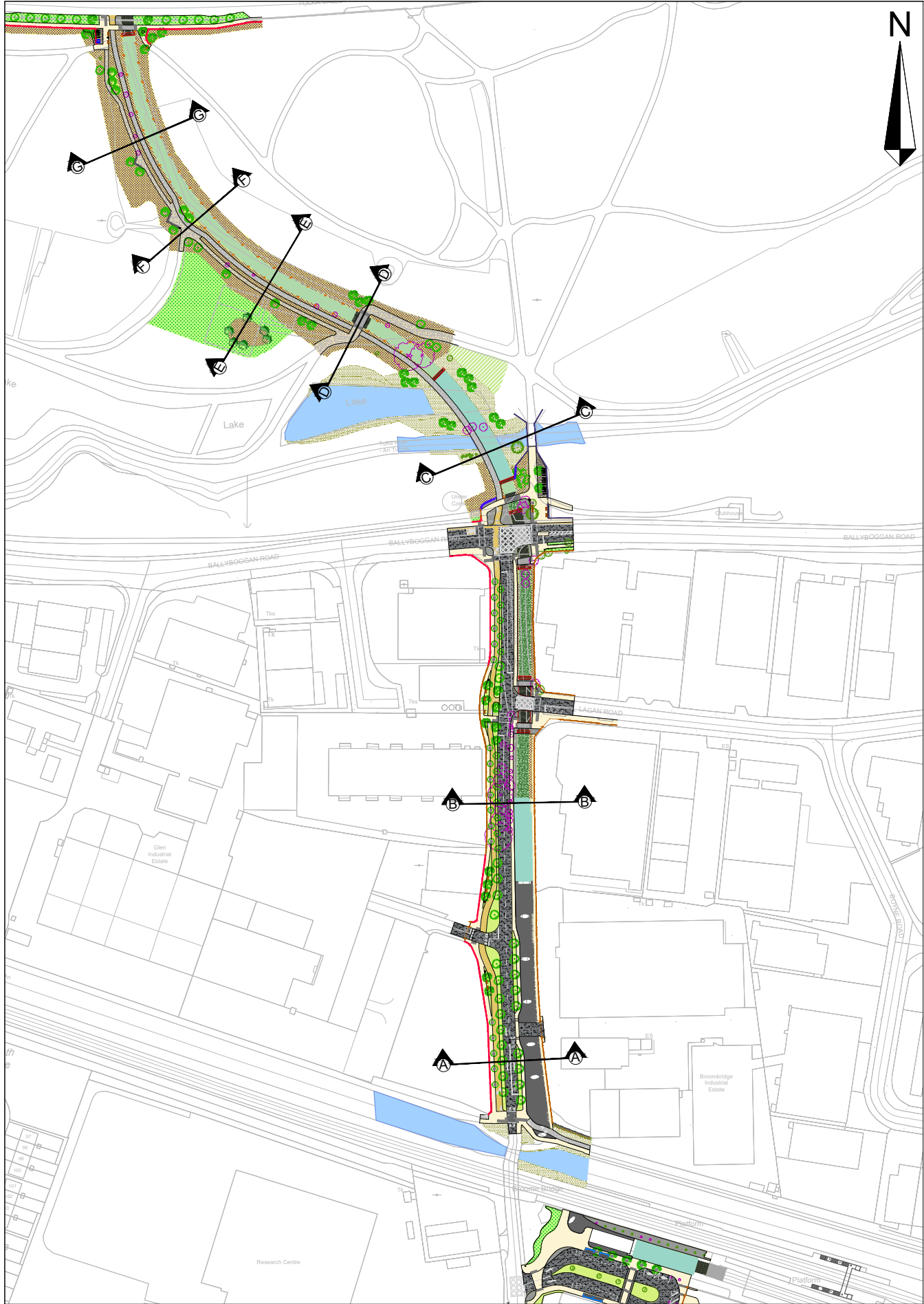
All elevations are in metres and relate to Geoid Model (OSGM02) Malin Head as defined by existing Project Control. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by VRS active GNSS station Tallaght College (TLLG).



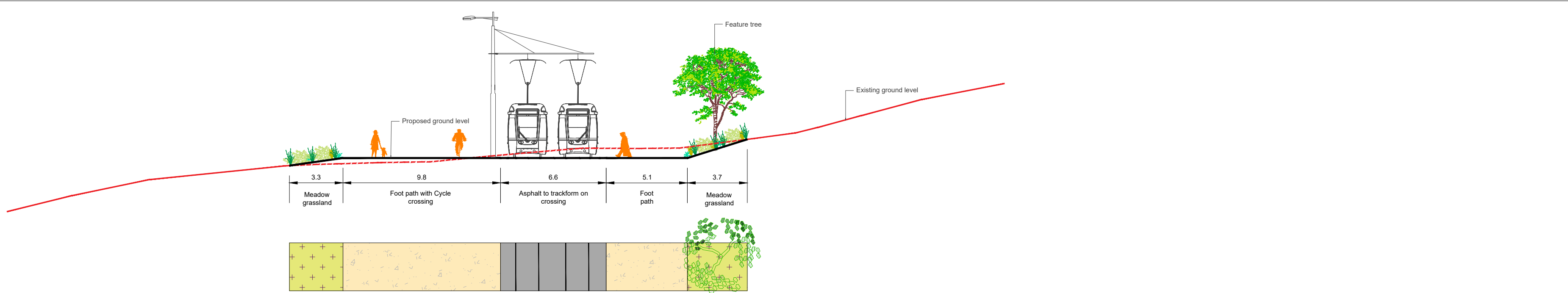
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P03	2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P04	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:		CLIENT:		AUTHORITY:	
<div></div>		<div><p>TII Transport Infrastructure Ireland</p></div>		<div><p>NTA Údair Náisiúnta Iompair National Transport Authority</p></div>	
CONSULTANT:					
<div></div>					
DRAWN:	CONTENT CHECK:	QUALITY CHECK:	APPROVED:	DATE:	
F.Weber	M.Galeza	U.Fitzmaurice	E.Daly	2024-10-15	
SCALES:	DRAWING STATUS:				
1:200 @ A1	Planning				

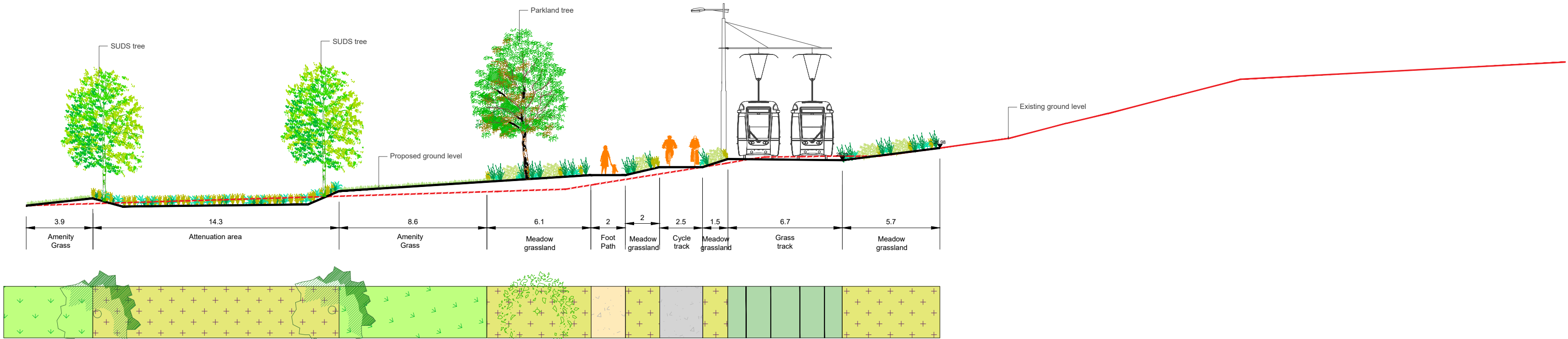
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PROCUREMENT REF:	LDD101	BASE MODEL REF:	
DRAWING TITLE:	RAILWAY ORDER LANDSCAPE CROSS SECTIONS BROOMBRIDGE ROAD TO TOLKA VALLEY PARK		
FILE NAME:	LDD101-BEV-GA-GZ31-XX-DR-AL-00106	PLAN NUMBER:	D1-AL 31 O-B/1
		SUITABILITY	A4
		REVISION	C01



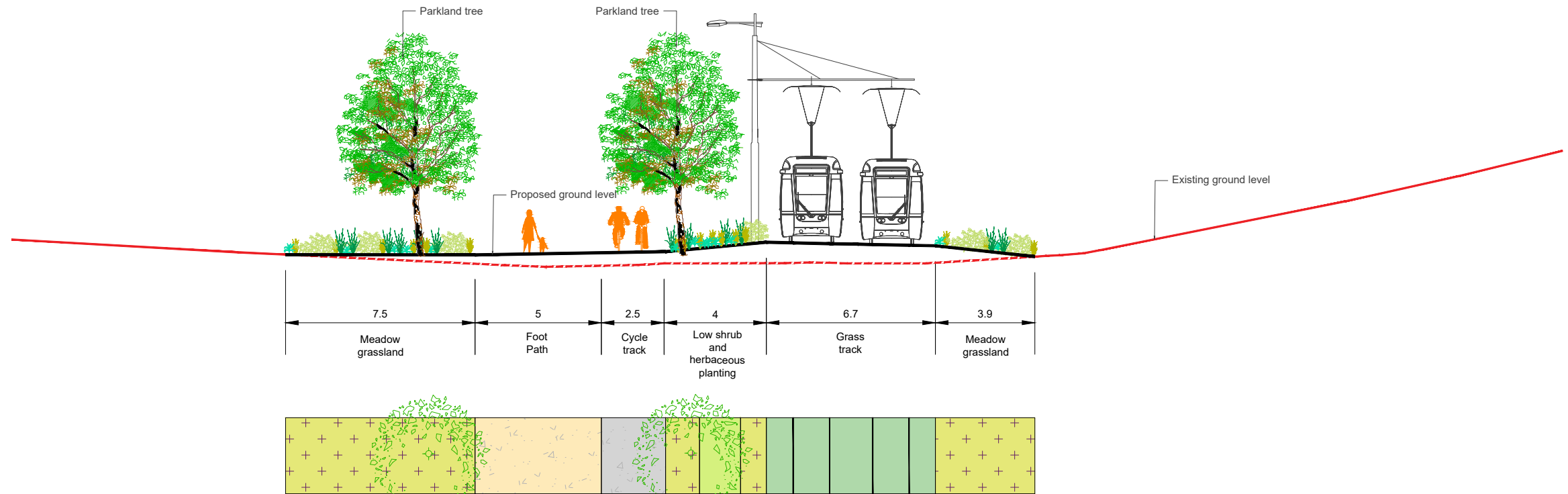
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



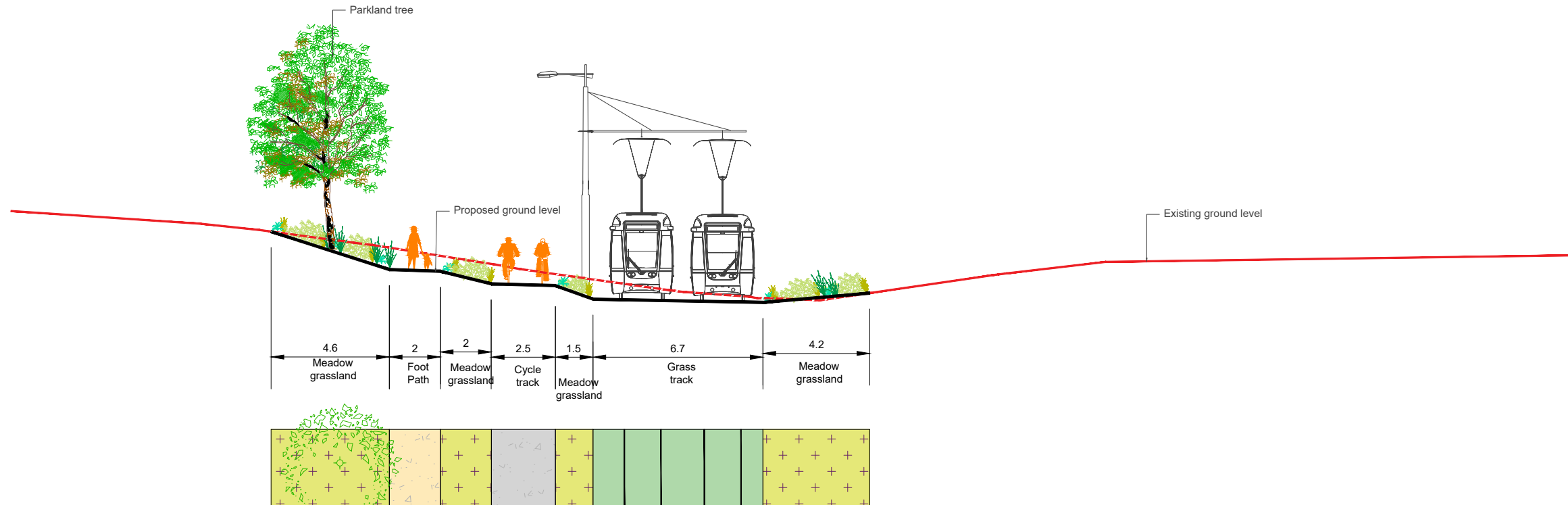
CROSS SECTION D-D TOLKA VALLEY PARK
SCALE 1:200



CROSS SECTION E-E TOLKA VALLEY PARK
SCALE 1:200



CROSS SECTION F-F TOLKA VALLEY PARK
SCALE 1:200



CROSS SECTION G-G TOLKA VALLEY PARK
SCALE 1:200

Hard Landscape Treatments

- Asphalt To carriageway
- Asphalt To trackform on carriageway
- Asphalt coloured coating To pedestrian priority zone on carriageway
- Granite setts paving To trackform on tram stop
- Cobble sett rumble strip To indicate pedestrian crossing
- Exposed aggregate bituminous finish To parkland cycle track
- Buff cycle track surfacing To urban cycle track
- Red cycle track surfacing To urban cycle track
- Exposed aggregate bituminous finish To match to existing paving
- Exposed aggregate concrete To urban footpath
- Concrete paving To match to existing paving
- Self-binding gravel To parkland resting area and bike parking
- Resin-bound gravel To parkland footpath
- Stagger bond granite paving To tram stop platform
- Granite paving module To tram stop plaza
- Permeable paving module To SuDS area
- Grasscrete paving To vehicle access area
- Granite coping stone To tram stop platform edge
- Tactile stone paving To tram stop platform edge
- Gravel Beneath structure
- Natural river stone paving To anti-tresspass feature
- Wheel trap To anti-vehicle feature

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- Parkland tree
- Feature tree
- Woodland planting
- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Proposed gate
- Type commercial
- Park railing
- Low railing
- Ball stop fencing

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS poles
- 5m Lantern mounting height
- 8m Lantern mounting height
- 10m Lantern mounting height
- Public Lighting (Metering and Distribution)
- LRT Cabinets
- Wooden bollard
- Litter bin
- Blister tactile paver

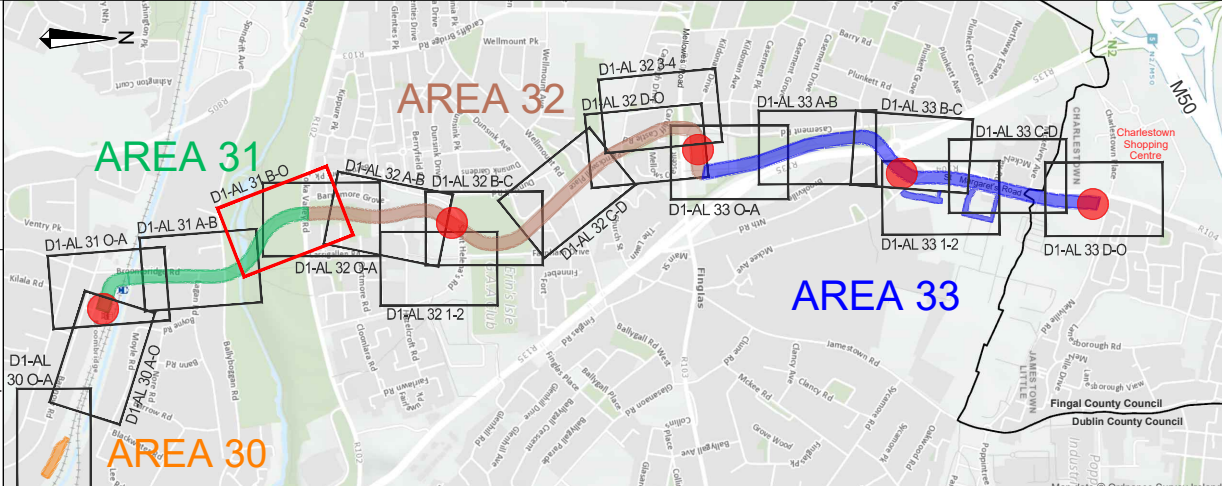
Tram Stop Furniture

- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-01	ISSUE FOR REVIEW	MG	FB	ED
P02	2024-04-26	ISSUE FOR REVIEW	MG	FB	ED
P03	2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED
P04	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:	CLIENT:	AUTHORITY:
CONSULTANT:	DRAWN:	CONTENT CHECK:
QUALITY CHECK:	APPROVED:	DATE:
SCALES:	DRAWING STATUS:	

PROJECT TITLE:	CHAINAGE / CORE AREA:
PROCUREMENT REF:	BASE MODEL REF:
DRAWING TITLE:	
FILE NAME:	PLAN NUMBER:
SUITABILITY:	REVISION:



- Hard Landscape Treatments**
 - Asphalt
 - To carriageway
 - To trackform on carriageway
 - Asphalt coloured coating
 - To pedestrian priority zone on carriageway
 - Granite setts paving
 - To trackform on tram stop
 - Cobble sett rumble strip
 - To indicate pedestrian crossing
 - Exposed aggregate bituminous finish
 - To cycle path
 - Buff cycle track surfacing
 - To urban cycle track
 - Red cycle track surfacing
 - To urban cycle track
 - Exposed aggregate bituminous finish
 - To match to existing paving
 - Exposed aggregate concrete
 - To urban footpath
 - Concrete paving
 - To match to existing paving
 - Self-binding gravel
 - To parkland resting area and bike parking
 - Resin-bound gravel
 - To parkland footpath
 - Stagger bond granite paving
 - To tram stop platform
 - Granite paving module
 - To tram stop plaza
 - Permeable paving module
 - To SuDS area
 - Grasscrete paving
 - To vehicle access area
 - Granite coping stone
 - To tram stop platform edge
 - Tactile stone paving
 - To tram stop platform edge
 - Gravel
 - Beneath structure
 - Natural river stone paving
 - To anti-trespass feature
 - Wheel trap
 - To anti-vehicle feature
- Soft Landscape Treatments**
 - Low shrub and herbaceous planting
 - Meadow grassland
 - Medium height plant mix
 - Screen planting mix
 - Amenity grass
 - Sport pitch grass
 - Ecological river/canal planting to be agreed with ecologist
 - Reinstated landscape
 - Grass track
 - Planted track
 - Planted track on structure
- Soft Landscape Treatments**
 - Existing tree removed
 - Existing tree retained
 - Street tree
 - SuDS tree
 - Edible tree
 - Parkland tree
 - Feature tree
 - Woodland planting
- Boundary Treatment**
 - Existing fence retained
 - Existing wall retained
 - 2m wall
 - Type residential
 - Wire-mesh fencing
 - Noise barrier
 - Boundary remove & reuse (circular economy)
 - Parapet (match to bridge parapet)
 - Gabion wall (circular economy)
 - Existing gate retained
 - Type commercial
 - Park railing
 - Low railing
 - Ball stop fencing
 - Proposed gate
- Street Furniture**
 - Cycle stands
 - Tree grille
 - Bench
 - Concrete bench (circular economy)
 - Concrete mass (circular economy)
 - Arch (circular economy)
 - OCS pole
 - 5m Height Lighting pole
 - 8m Height Lighting pole
 - 10m Height Lighting pole
 - Public Lighting (Metering and Distribution)
 - Wooden Bollard
 - Litter Bin
 - Blister tactile paver
 - Urt Cabinets
 - OCS & Lighting column
 - Ticket validator
 - Bus stop shelter
- Tram Stop Furniture**
 - Ticket vending machine
 - Tram stop shelter
 - Litter bin
 - Tram info sign

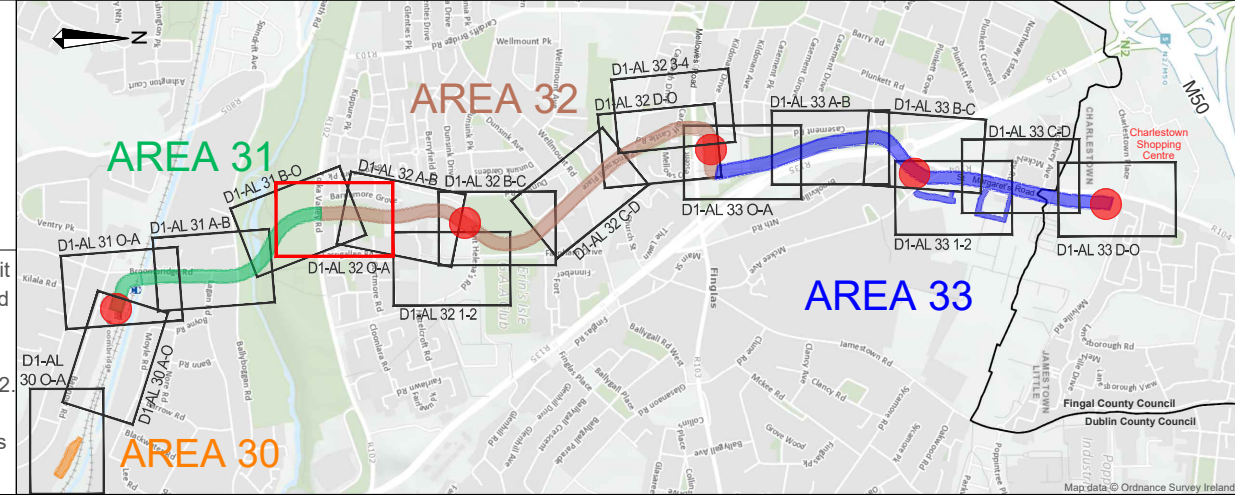
FOR CROSS SECTION DETAIL A-A
REFER TO PLAN NO D1-AL 32 O-B

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:
LUAS
FINGLAS

CLIENT:
TII
Transport Infrastructure Ireland

AUTHORITY:
NTA
National Transport Authority

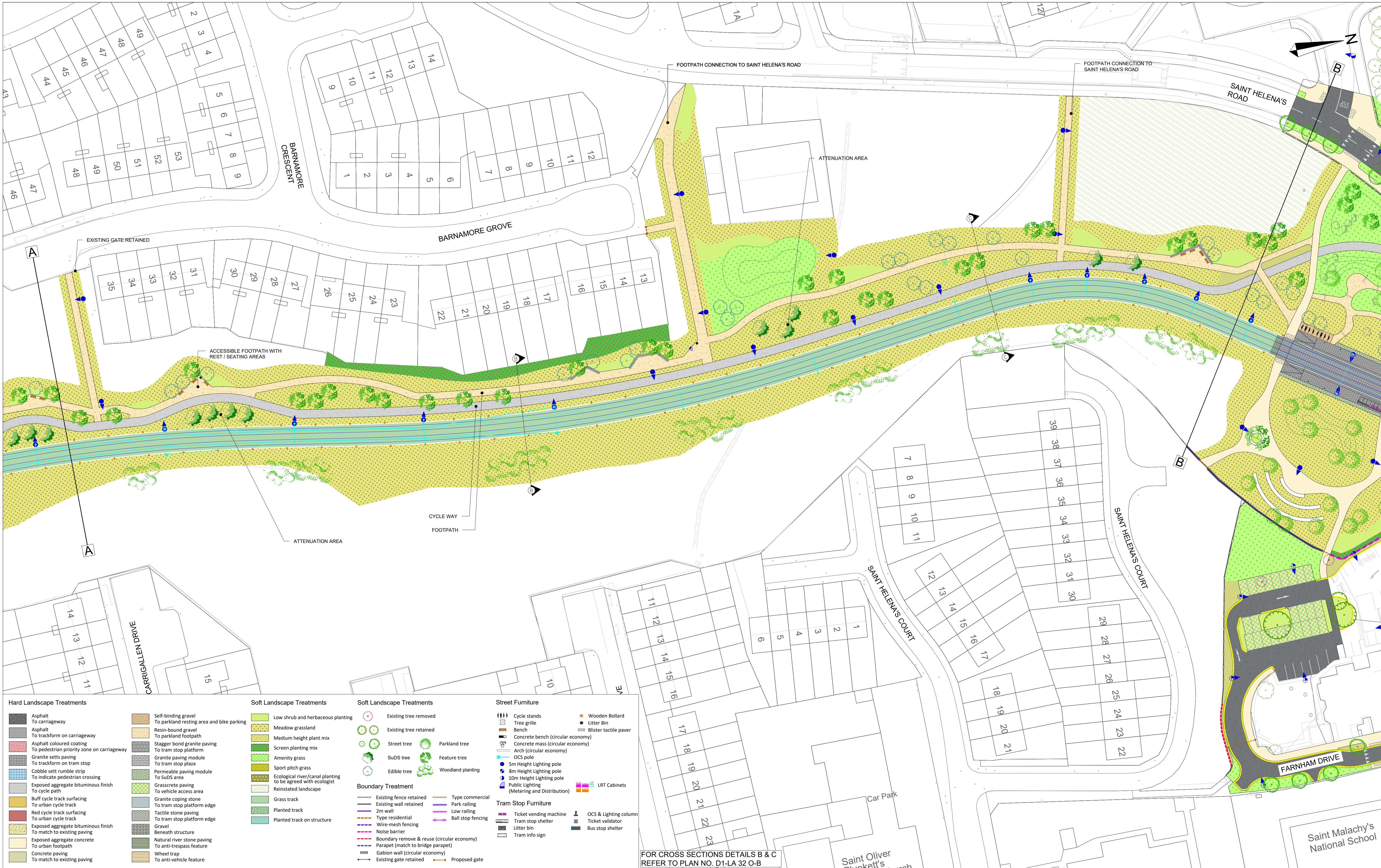
CONSULTANT:
BARRY
TRANSPORTATION

egis

DRAWN: F.Weber
CONTENT CHECK: M.Galea
QUALITY CHECK: U.Fitzmaurice
APPROVED: E.Daly
DATE: 2024-10-15

SCALES: 1:500 @ A1
DRAWING STATUS: Planning

PROJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101	CHAINAGE / CORE AREA: AREA 32
PROCUREMENT REF:	BASE MODEL REF:
DRAWING TITLE: RAILWAY ORDER LANDSCAPE ARRANGEMENT TOLKA VALLEY ROAD TO BARNAMORE GROVE	
FILE NAME: LDD101-BEV-GA-GZ32-XX-DR-AL-00101	PLAN NUMBER: D1-AL 32 O-A
SUITABILITY: A4	REVISION: C01



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P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT: LUAS FINGLAS

CONSULTANT: BARRY TRANSPORTATION

DRAWN: F.Weber

CONTENT CHECK: M.Galeza

QUALITY CHECK: U.Fitzmaurice

APPROVED: E.Daly

DATE: 2024-10-15

SCALES: 1:500 @ A1

DRAWING STATUS: Planning

PROJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101

CHAINAGE / CORE AREA: AREA 32

BASE MODEL REF:

DRAWING TITLE: RAILWAY ORDER LANDSCAPE ARRANGEMENT BARNAMORE GROVE TO ST HELENA'S

FILE NAME: LDD101-BEV-GA-GZ32-XX-DR-AL-00102

PLAN NUMBER: D1-LA 32 A-B

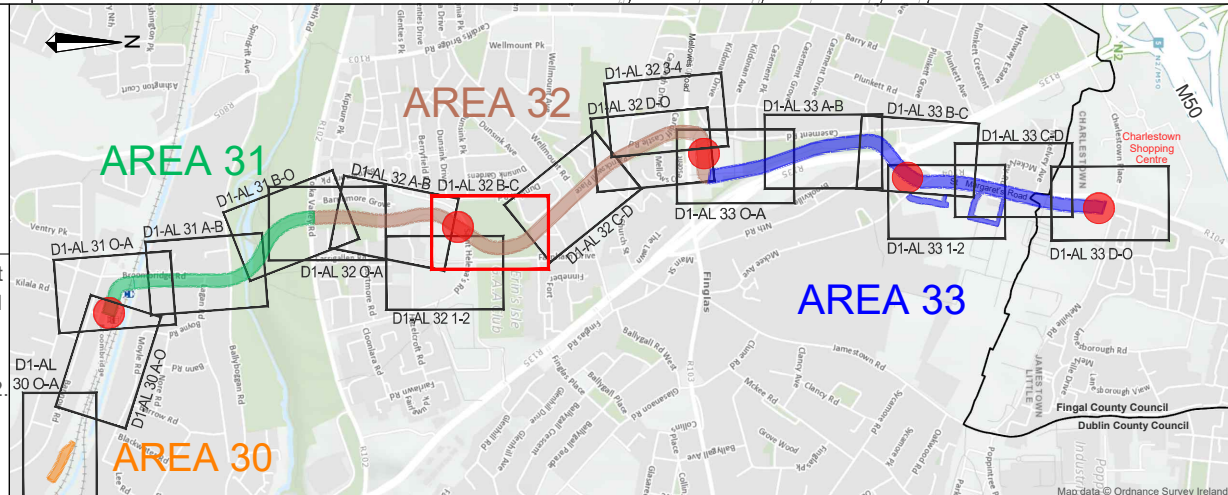
SUITABILITY REVISION: A4 C01



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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:

LUAS
FINGLAS

CLIENT:

TII
Transport Infrastructure Ireland

AUTHORITY:

NTA
National Transport Authority

CONSULTANT:

BARRY
TRANSPORTATION

DRAWN:

F. Weber

CONTENT CHECK:

M. Galea

QUALITY CHECK:

U. Fitzmaurice

APPROVED:

E. Daly

DATE:

2024-10-15

SCALES:

1:500 @ A1

DRAWING STATUS:

Planning

PROJECT TITLE:	LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS	CHAINAGE / CORE AREA:	AREA 32
PROCUREMENT REF:	LDD101	BASE MODEL REF:	
DRAWING TITLE:	RAILWAY ORDER LANDSCAPE ARRANGEMENT ST HELENA'S TO CASEMENT ROAD		
FILE NAME:	LDD101-BEV-GA-GZ32-XX-DR-AL-00103	PLAN NUMBER:	D1-LA 32 B-C/1
		SUITABILITY	REVISION
		A4	C01

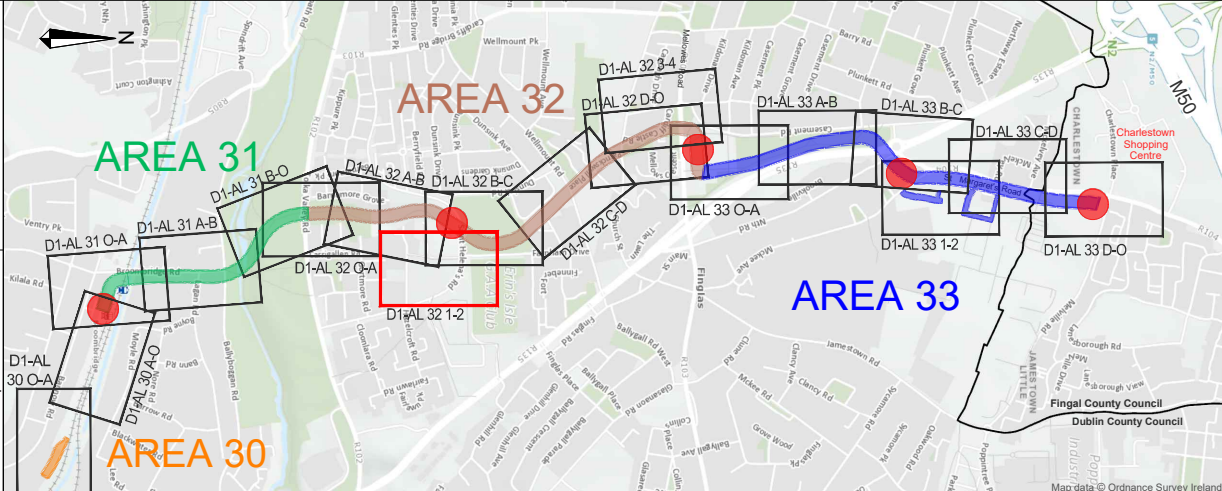


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REV	DATE	DESCRIPTION	BY	CHK	APPD
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P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII Transport Infrastructure Ireland	NTA National Transport Authority
CONSULTANT:	DRAWN:	CONTENT CHECK:
BARRY TRANSPORTATION	F.Weber	M.Galea
QUALITY CHECK:	APPROVED:	DATE:
U.Fitzmaurice	E.Daly	2024-10-15
SCALES:	DRAWING STATUS:	
1:500 @ A1	Planning	

PROJECT TITLE:	LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS	CHAINAGE / CORE AREA:	AREA 32
PROCUREMENT REF:	LDD101	BASE MODEL REF:	
DRAWING TITLE:	RAILWAY ORDER LANDSCAPE ARRANGEMENT FARNHAM DRIVE		
FILE NAME:	LDD101-BEV-GA-GZ32-XX-DR-AL-00106	PLAN NUMBER:	D1-AL 32 1-2
SUITABILITY	REVISION		
A4	C01		



- Hard Landscape Treatments**

 - Asphalt
 - To carriageway
 - Asphalt
 - To trackform on carriageway
 - Asphalt coloured coating
 - To pedestrian priority zone on carriageway
 - Granite settts paving
 - To trackform on tram stop
 - Cobble settt rumble strip
 - To indicate pedestrian crossing
 - Exposed aggregate bituminous finish
 - To cycle path
 - Buff cycle track surfacing
 - To urban cycle track
 - Red cycle track surfacing
 - To urban cycle track
 - Exposed aggregate bituminous finish
 - To match to existing paving
 - Exposed aggregate concrete
 - To urban footpath
 - Concrete paving
 - To match to existing paving
- Soft Landscape Treatments**

 - Self-binding gravel
 - To parkland resting area and bike parking
 - Resin-bound gravel
 - To parkland footpath
 - Stagger bond granite paving
 - To tram stop platform
 - Granite paving module
 - To tram stop platform
 - Permeable paving module
 - To SuDS area
 - Grasscrete paving
 - To vehicle access area
 - Granite coping stone
 - To tram stop platform edge
 - Tactile stone paving
 - To tram stop platform edge
 - Gravel
 - Beneath structure
 - Natural river stone paving
 - To anti-trespass feature
 - Wheel trap
 - To anti-vehicle feature
- Soft Landscape Treatments**

 - Low shrub and herbaceous planting
 - Meadow grassland
 - Medium height plant mix
 - Screen planting mix
 - Amenity grass
 - Sport pitch grass
 - Ecological river/canal planting to be agreed with ecologist
 - Reinstated landscape
 - Grass track
 - Planted track
 - Planted track on structure
- Street Furniture**

 - Cycle stands
 - Tree grille
 - Bench
 - Concrete bench (circular economy)
 - Concrete mass (circular economy)
 - Arch (circular economy)
 - OCS pole
 - 5m Height Lighting pole
 - 8m Height Lighting pole
 - 10m Height Lighting pole
 - Public Lighting (Metering and Distribution)
 - Wooden Bollard
 - Litter Bin
 - Blister tactile paver
 - Gravel
 - Grass
 - Grasscrete paving
 - Granite coping stone
 - Tactile stone paving
 - Gravel
 - Natural river stone paving
 - To anti-trespass feature
 - Wheel trap
 - To anti-vehicle feature
- Tram Stop Furniture**

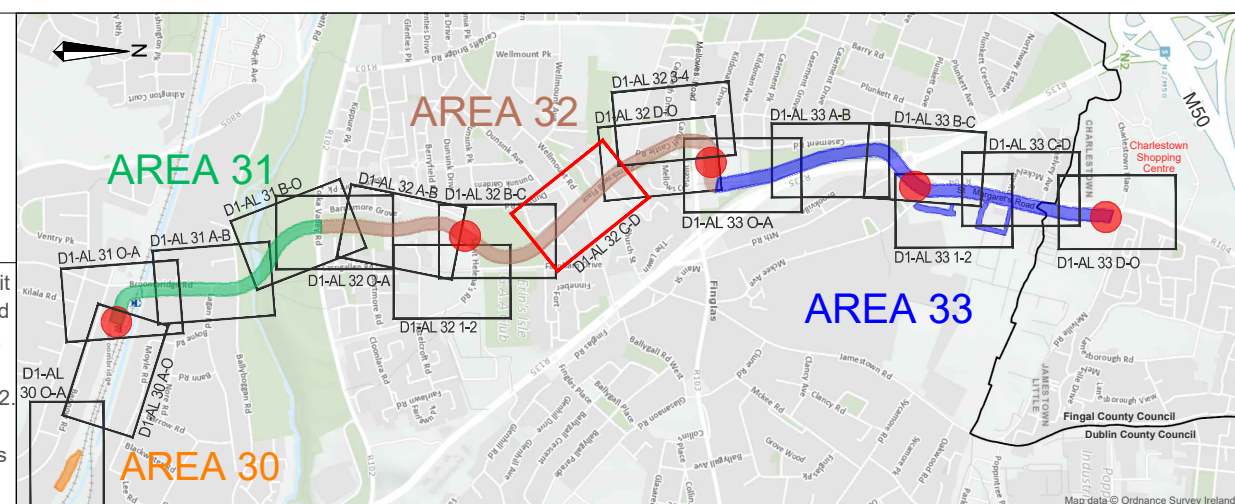
 - Ticket vending machine
 - Tram stop shelter
 - Litter bin
 - Tram info sign
 - OCS & Lighting column
 - Ticket validator
 - Bus stop shelter
- Boundary Treatment**

 - Existing fence retained
 - Existing wall retained
 - 2m wall
 - Type residential
 - Wire-mesh fencing
 - Noise barrier
 - Boundary remove & reuse (circular economy)
 - Parapet (match to bridge parapet)
 - Gabion wall (circular economy)
 - Existing gate retained
 - Type commercial
 - Park railing
 - Low railing
 - Ball stop fencing
 - Proposed gate

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT: **LUAS FINGLAS**

CONSULTANT: **BARRY TRANSPORTATION**

DRAWN: **F.Weber**

SCALES: **1:500 @ A1**

CLIENT: **TII**

CONTENT CHECK: **M.Galeza**

DRAWING STATUS: **Planning**

AUTHORITY: **NTA**

QUALITY CHECK: **U.Fitzmaurice**

APPROVED: **E.Daly**

DATE: **2024-10-15**

PROJECT TITLE:	LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS	CHAINAGE / CORE AREA:	AREA 32
PROCUREMENT REF:	LDD101	BASE MODEL REF:	
DRAWING TITLE:	RAILWAY ORDER LANDSCAPE ARRANGEMENT CASEMENT ROAD TO PATRICKSWELL PLACE		
FILE NAME:	LDD101-BEV-GA-GZ32-XX-DR-AL-00104	PLAN NUMBER:	D1-AL 32 C-D
		SUITABILITY	REVISION
		A4	C01



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P01	2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED
REV	DATE	DESCRIPTION	BY	CHK	APPD

PROJECT: LUAS FINGLAS

CLIENT: TII

CONSULTANT: BARRY TRANSPORTATION

DRAWN: F.Weber

CONTENT CHECK: M.Galea

QUALITY CHECK: U.Fitzmaurice

APPROVED: E.Daly

DATE: 2024-10-15

SCALES: 1:500 @ A1

DRAWING STATUS: Planning

PROJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS

PROCUREMENT REF: LDD101

DRAWING TITLE: RAILWAY ORDER LANDSCAPE ARRANGEMENT PATRICKSWELL PLACE TO MELLOWES ROAD

FILE NAME: LDD101-BEV-GA-GZ32-XX-DR-AL-00105

CHAINAGE / CORE AREA: AREA 32

BASE MODEL REF:

PLAN NUMBER: D1-AL 32 D-O/1

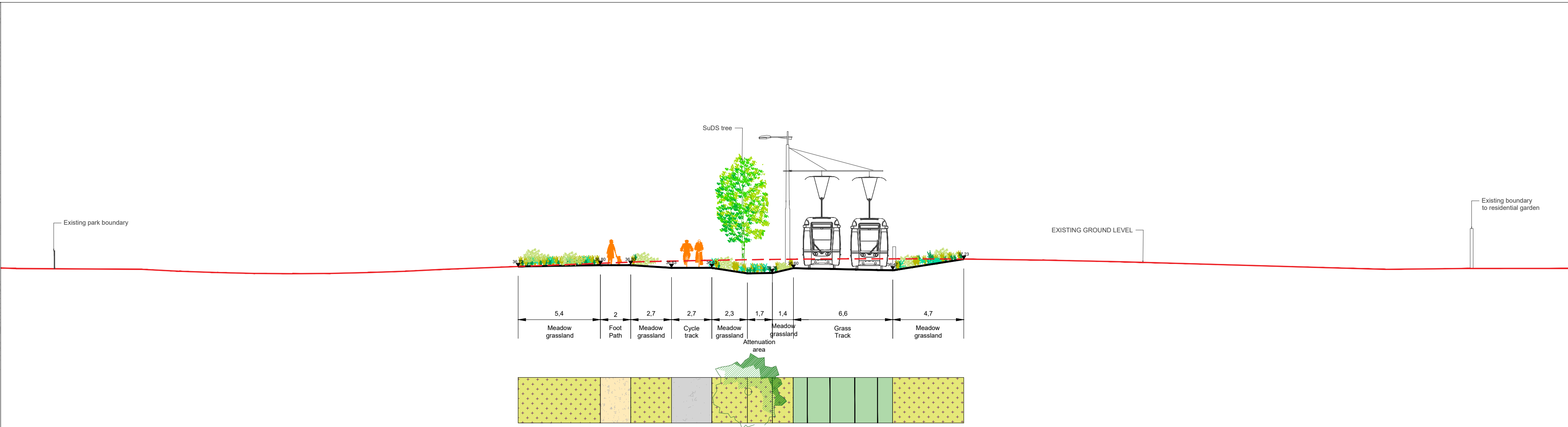
SUITABILITY: A4

REVISION: C01

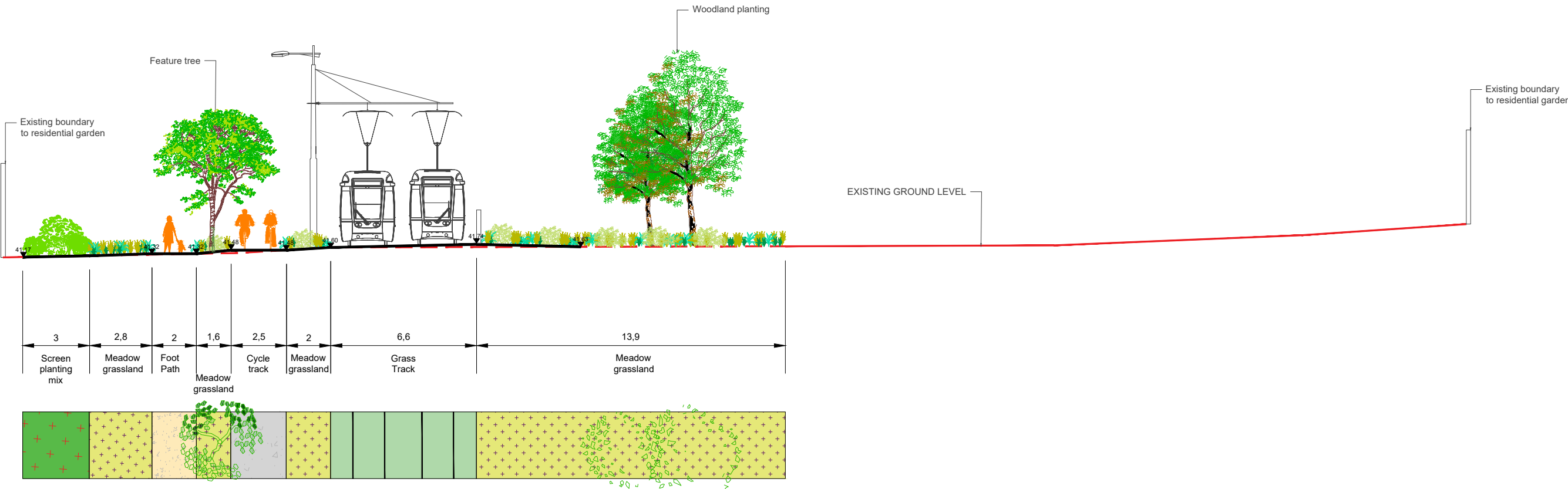




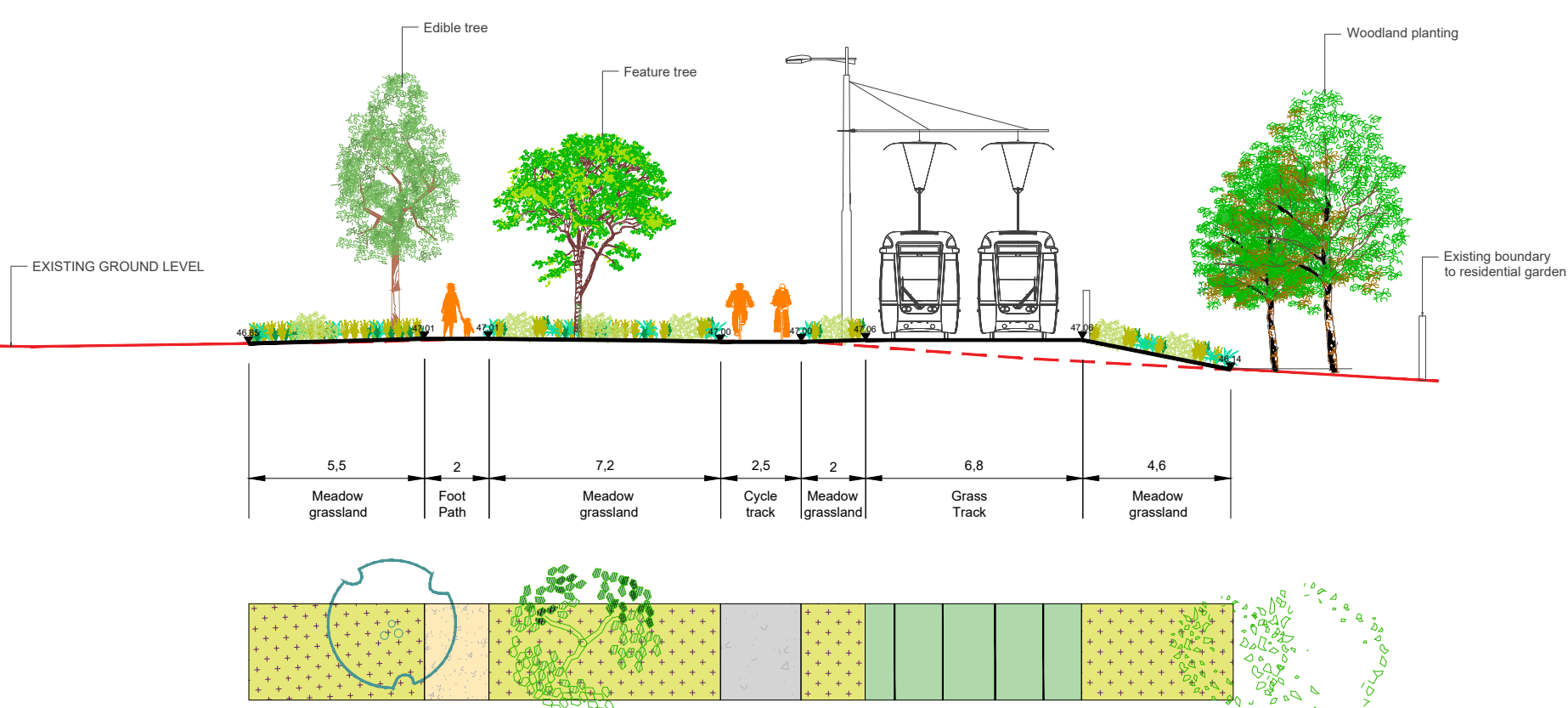
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



CROSS SECTION A-A ST. HELENA'S PARK
SCALE 1:200



CROSS SECTION B-B ST. HELENA'S PARK
SCALE 1:200



CROSS SECTION C-C ST. HELENA'S PARK
SCALE 1:200

- ### Hard Landscape Treatments
- Asphalt To carriageway
 - Asphalt To trackform on carriageway
 - Asphalt coloured coating To pedestrian priority zone on carriageway
 - Granite setts paving To trackform on tram stop
 - Cobble sett rumble strip To indicate pedestrian crossing
 - Exposed aggregate bituminous finish To parkland cycle track
 - Buff cycle track surfacing To urban cycle track
 - Red cycle track surfacing To urban cycle track
 - Exposed aggregate bituminous finish To match to existing paving
 - Exposed aggregate concrete To urban footpath
 - Concrete paving To match to existing paving
 - Self-binding gravel To parkland resting area and bike parking
 - Resin-bound gravel To parkland footpath
 - Stagger bond granite paving To tram stop platform
 - Granite paving module To tram stop plaza
 - Permeable paving module To SuDS area
 - Grasscrete paving To vehicle access area
 - Granite coping stone To tram stop platform edge
 - Tactile stone paving To tram stop platform edge
 - Gravel Beneath structure
 - Natural river stone paving To anti-trespass feature
 - Wheel trap To anti-vehicle feature

- ### Soft Landscape Treatments
- Existing tree removed
 - Existing tree retained
 - Street tree
 - SuDS tree
 - Edible tree
 - Parkland tree
 - Feature tree
 - Woodland planting
 - Low shrub and herbaceous planting
 - Meadow grassland
 - Medium height plant mix
 - Screen planting mix
 - Amenity grass
 - Sport pitch grass
 - Ecological river/canal planting to be agreed with ecologist
 - Reinstated landscape
 - Grass track
 - Planted track
 - Planted track on structure

- ### Boundary Treatment
- Existing fence retained
 - Existing wall retained
 - 2m wall
 - Type residential
 - Wire-mesh fencing
 - Noise barrier
 - Boundary remove & reuse (circular economy)
 - Parapet (match to bridge parapet)
 - Gabion wall (circular economy)
 - Existing gate retained
 - Proposed gate
 - Type commercial
 - Park railing
 - Low railing
 - Ball stop fencing

- ### Street Furniture
- Cycle stands
 - Tree grille
 - Bench
 - Concrete bench (circular economy)
 - Concrete mass (circular economy)
 - Arch (circular economy)
 - OCS poles
 - 5m Lantern mounting height
 - 8m Lantern mounting height
 - 10m Lantern mounting height
 - Public Lighting (Metering and Distribution)
 - LRT Cabinets
 - Wooden bollard
 - Litter bin
 - Blister tactile paver

- ### Tram Stop Furniture
- Ticket vending machine
 - Tram stop shelter
 - Litter bin
 - Tram info sign
 - OCS & Lighting column
 - Ticket validator
 - Bus stop shelter

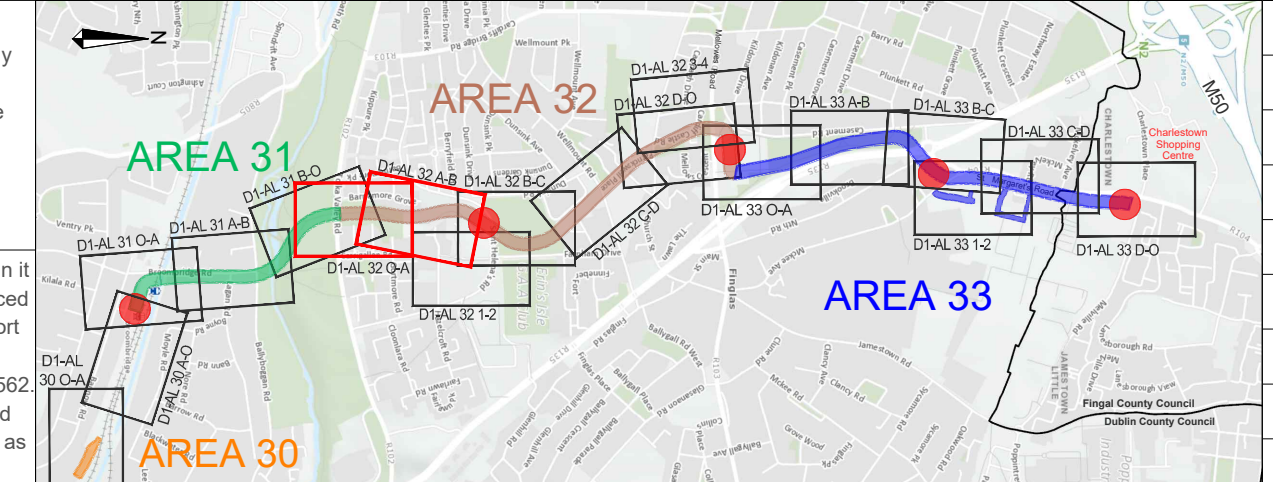
FOR CROSS SECTION MARKING A
REFER TO PLAN NO D1-AL 32 O-A
FOR CROSS SECTION MARKINGS B AND C
REFER TO PLAN NO D1-AL 32 A-B

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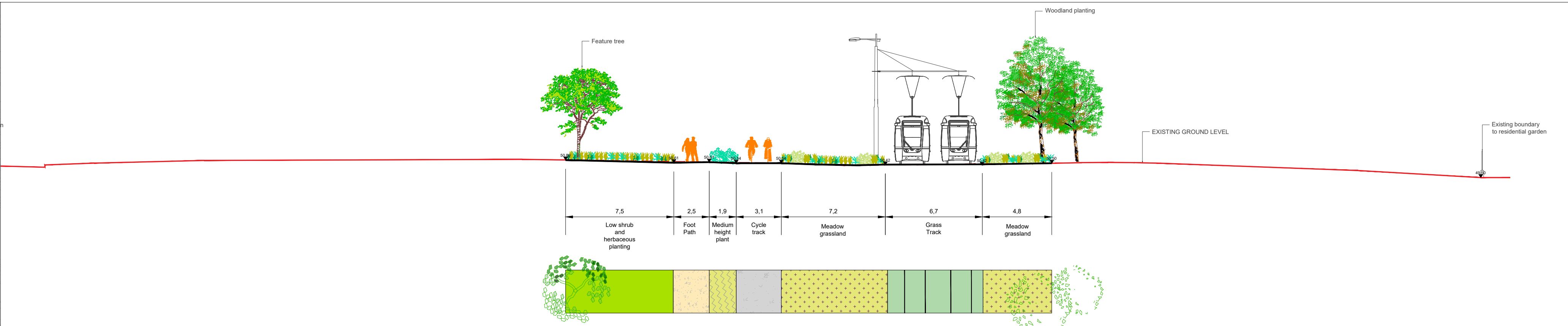
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P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:		CLIENT:		AUTHORITY:	
<div>LUAS</div> <div>FINGLAS</div>		<div><div>TII</div><div>Transport Infrastructure Ireland</div></div>		<div><div>NTA</div><div>Údarda Náisiúnaíompaí</div><div>National Transport Authority</div></div>	
CONSULTANT:					
<div><div>BARRY</div><div>TRANSPORTATION</div></div>		<div><div>e</div><div>egis</div></div>			
DRAWN: F.Weber		CONTENT CHECK: M.Galeza	QUALITY CHECK: U.Fitzmaurice	APPROVED: E.Daly	DATE: 2024-10-15
SCALES: 1:200 @ A1		DRAWING STATUS: Planning			

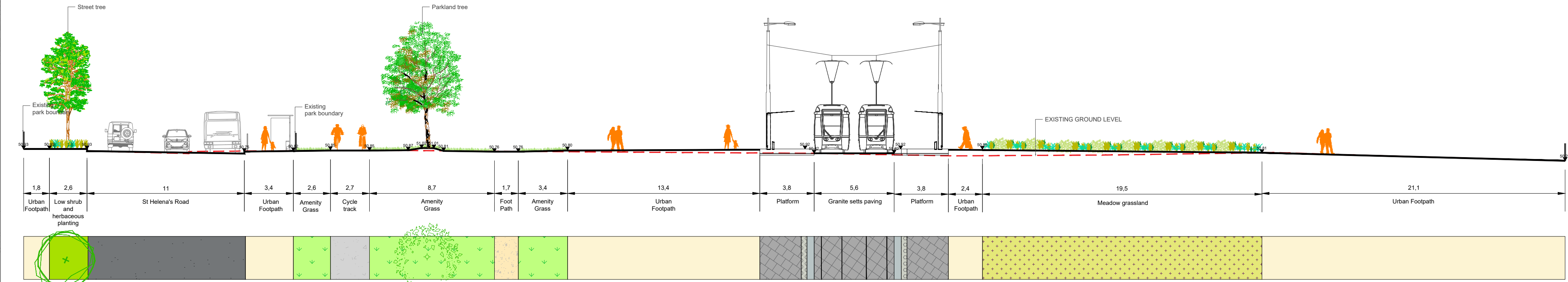
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PROCUREMENT REF: LDD101		BASE MODEL REF:	
DRAWING TITLE: <div>RAILWAY ORDER</div> <div>LANDSCAPE CROSS SECTIONS</div> <div>ST HELENA'S PARK</div>			
FILE NAME: <div>LDD101-BEV-GA-GZ32-XX-DR-AL-00107</div>		PLAN NUMBER: <div>D1-AL 32 O-B</div>	
		SUITABILITY REVISION <div>A4C01</div>	



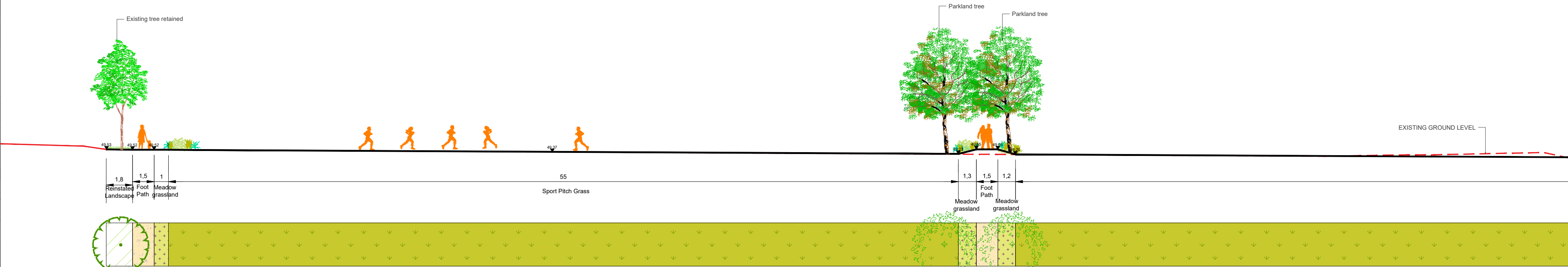
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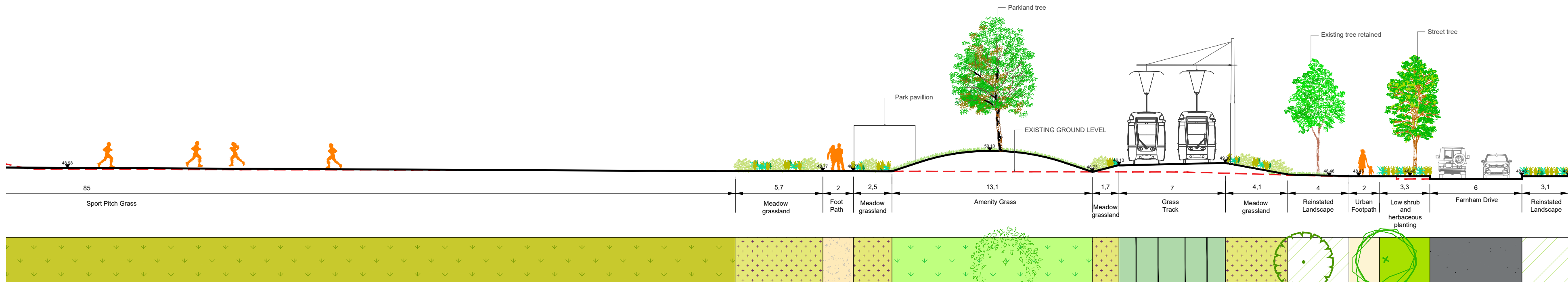
CROSS SECTION D-D ST. HELENA'S PARK
SCALE 1:200



CROSS SECTION E-E ST. HELENA'S TRAM STOP
SCALE 1:200



CROSS SECTION F-F FARNHAM PARK PART 1 OF 2
SCALE 1:200



CROSS SECTION F-F FARNHAM PARK PART 2 OF 2
SCALE 1:200

FOR CROSS SECTION MARKINGS D,E AND F
REFER TO PLAN NO D1-AL 32 B-C/1

Hard Landscape Treatments

- Asphalt To carriageway
- Asphalt To trackform on carriageway
- Asphalt coloured coating To pedestrian priority zone on carriageway
- Granite setts paving To trackform on tram stop
- Cobble sett rumble strip To indicate pedestrian crossing
- Exposed aggregate bituminous finish To parkland cycle track
- Buff cycle track surfacing To urban cycle track
- Red cycle track surfacing To urban cycle track
- Exposed aggregate bituminous finish To match to existing paving
- Exposed aggregate concrete To urban footpath
- Concrete paving To match to existing paving
- Self-binding gravel To parkland resting area and bike parking
- Resin-bound gravel To parkland footpath
- Stagger bond granite paving To tram stop platform
- Granite paving module To tram stop plaza
- Permeable paving module To SuDS area
- Grasscrete paving To vehicle access area
- Granite coping stone To tram stop platform edge
- Tactile stone paving To tram stop platform edge
- Gravel Beneath structure
- Natural river stone paving To anti-trespass feature
- Wheel trap To anti-vehicle feature

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- Parkland tree
- Feature tree
- Woodland planting
- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Proposed gate
- Type commercial
- Park railing
- Low railing
- Ball stop fencing

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS poles
- 5m Lantern mounting height
- 8m Lantern mounting height
- 10m Lantern mounting height
- Public Lighting (Metering and Distribution)
- LRT Cabinets
- Wooden bollard
- Litter bin
- Blister tactile paver

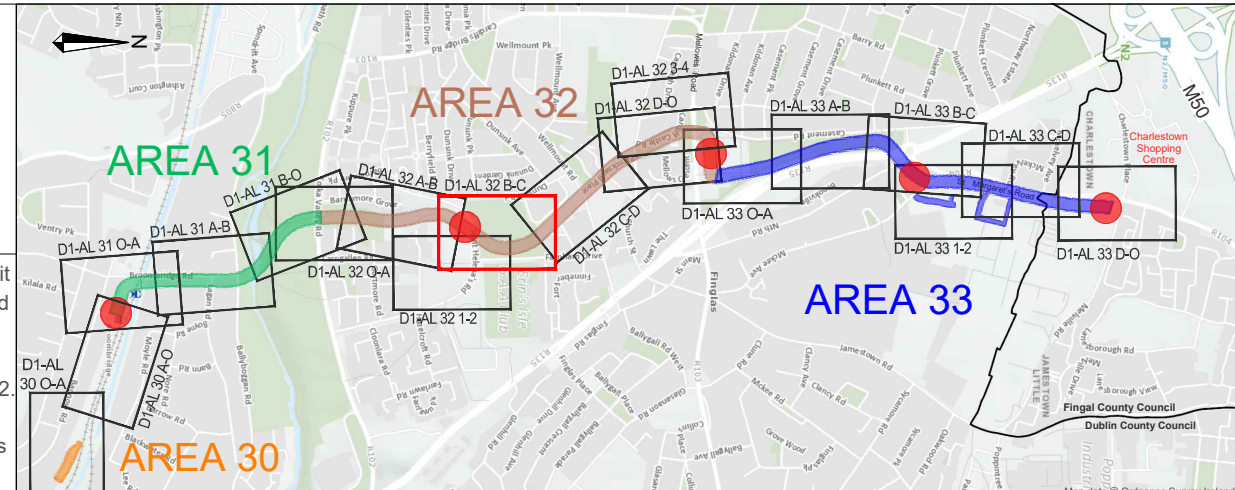
Tram Stop Furniture

- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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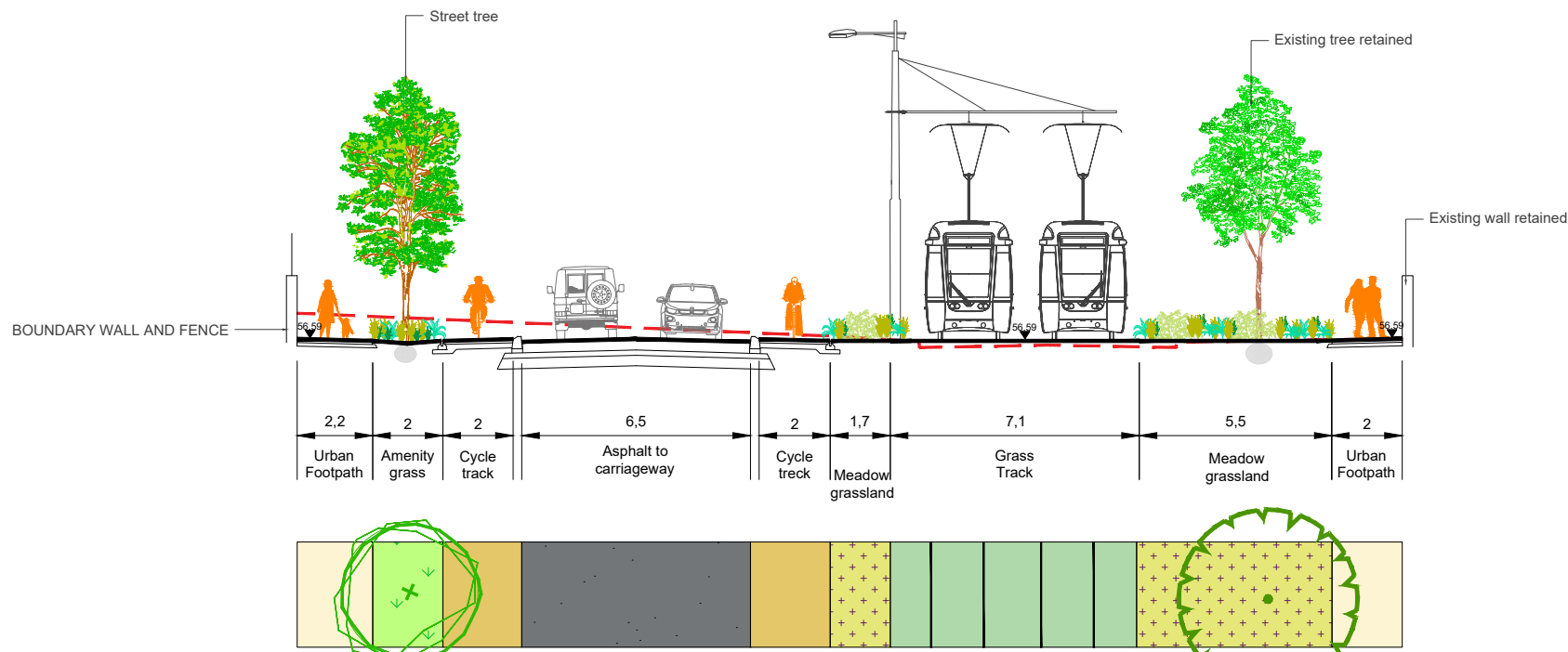
REV	DATE	DESCRIPTION	BY	CHK	APPD
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P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII	NTA
CONSULTANT:	BARRY TRANSPORTATION	egis
DRAWN:	CONTENT CHECK:	QUALITY CHECK:
F.Weber	M.Galea	U.Fitzmaurice
APPROVED:	DATE:	
E.Daly	2024-10-15	
SCALES:	DRAWING STATUS:	
1:200 @ A1	Planning	

PROJECT TITLE:	CHAINAGE / CORE AREA:
LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS	AREA 32
PROCUREMENT REF:	BASE MODEL REF:
LDD101	
DRAWING TITLE:	
FILE NAME:	PLAN NUMBER:
LDD101-BEV-GA-GZ32-XX-DR-AL-00108	D1-AL 32 B-C/2
	SUITABILITY REVISION
	A4 C01



SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



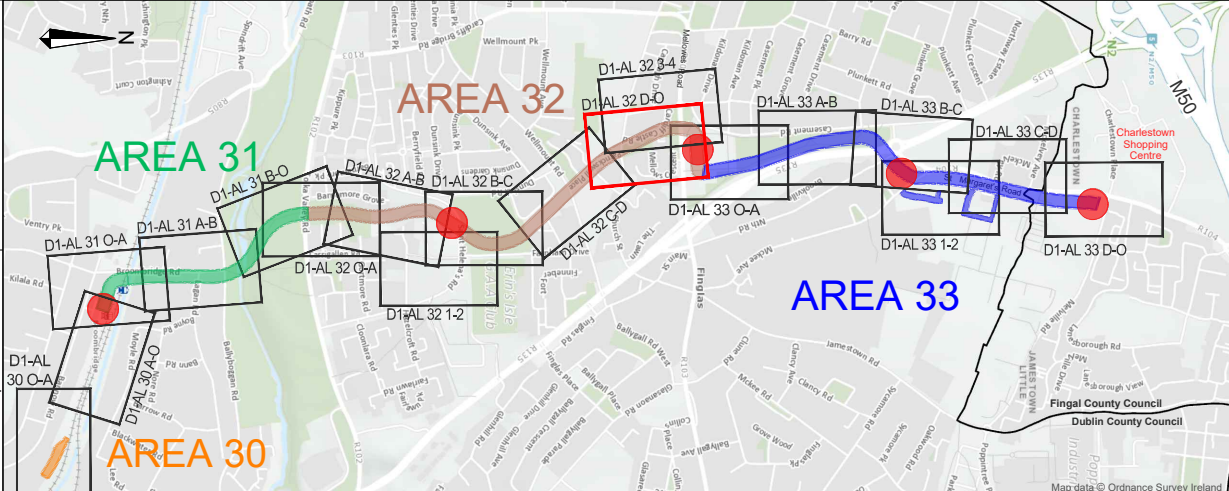
CROSS SECTION G-G PATRICKS WELL PLACE
SCALE 1:200

- ### Hard Landscape Treatments
- Asphalt To carriageway
 - Asphalt To trackform on carriageway
 - Asphalt coloured coating To pedestrian priority zone on carriageway
 - Granite setts paving To trackform on tram stop
 - Cobble sett rumble strip To indicate pedestrian crossing
 - Exposed aggregate bituminous finish To parkland cycle track
 - Buff cycle track surfacing To urban cycle track
 - Red cycle track surfacing To urban cycle track
 - Exposed aggregate bituminous finish To match to existing paving
 - Exposed aggregate concrete To urban footpath
 - Concrete paving To match to existing paving
 - Self-binding gravel To parkland resting area and bike parking
 - Resin-bound gravel To parkland footpath
 - Stagger bond granite paving To tram stop platform
 - Granite paving module To tram stop plaza
 - Permeable paving module To SuDS area
 - Grasscrete paving To vehicle access area
 - Granite coping stone To tram stop platform edge
 - Tactile stone paving To tram stop platform edge
 - Gravel Beneath structure
 - Natural river stone paving To anti-tresspass feature
 - Wheel trap To anti-vehicle feature
- ### Soft Landscape Treatments
- Existing tree removed
 - Existing tree retained
 - Street tree
 - SuDS tree
 - Edible tree
 - Parkland tree
 - Feature tree
 - Woodland planting
 - Low shrub and herbaceous planting
 - Meadow grassland
 - Medium height plant mix
 - Screen planting mix
 - Amenity grass
 - Sport pitch grass
 - Ecological river/canal planting to be agreed with ecologist
 - Reinstated landscape
 - Grass track
 - Planted track
 - Planted track on structure
- ### Boundary Treatment
- Existing fence retained
 - Existing wall retained
 - 2m wall
 - Type residential
 - Wire-mesh fencing
 - Noise barrier
 - Boundary remove & reuse (circular economy)
 - Parapet (match to bridge parapet)
 - Gabion wall (circular economy)
 - Existing gate retained
 - Proposed gate
 - Type commercial
 - Park railing
 - Low railing
 - Ball stop fencing
- ### Street Furniture
- Cycle stands
 - Tree grille
 - Bench
 - Concrete bench (circular economy)
 - Concrete mass (circular economy)
 - Arch (circular economy)
 - OCS poles
 - 5m Lantern mounting height
 - 8m Lantern mounting height
 - 10m Lantern mounting height
 - Public Lighting (Metering and Distribution)
 - LRT Cabinets
 - Wooden bollard
 - Litter bin
 - Blister tactile paver
- ### Tram Stop Furniture
- Ticket vending machine
 - Tram stop shelter
 - Litter bin
 - Tram info sign
 - OCS & Lighting column
 - Ticket validator
 - Bus stop shelter

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:
LUAS
FINGLAS

CLIENT:
TII
Transport Infrastructure Ireland

AUTHORITY:
NTA
National Transport Authority

CONSULTANT:
BARRY
TRANSPORTATION

egis

DRAWN:
F.Weber

CONTENT CHECK:
M.Galeza

QUALITY CHECK:
U.Fitzmaurice

APPROVED:
E.Daly

DATE:
2024-10-15

SCALES:
1:200 @ A1

DRAWING STATUS:
Planning

FOR CROSS SECTION MARKING G
REFER TO PLAN NO D1-AL 32 D-O/1

PROJECT TITLE:
**LUAS FINGLAS - PRELIMINARY
DESIGN & STATUTORY PROCESS
LDD101**

CHAINAGE / CORE AREA:
AREA 32

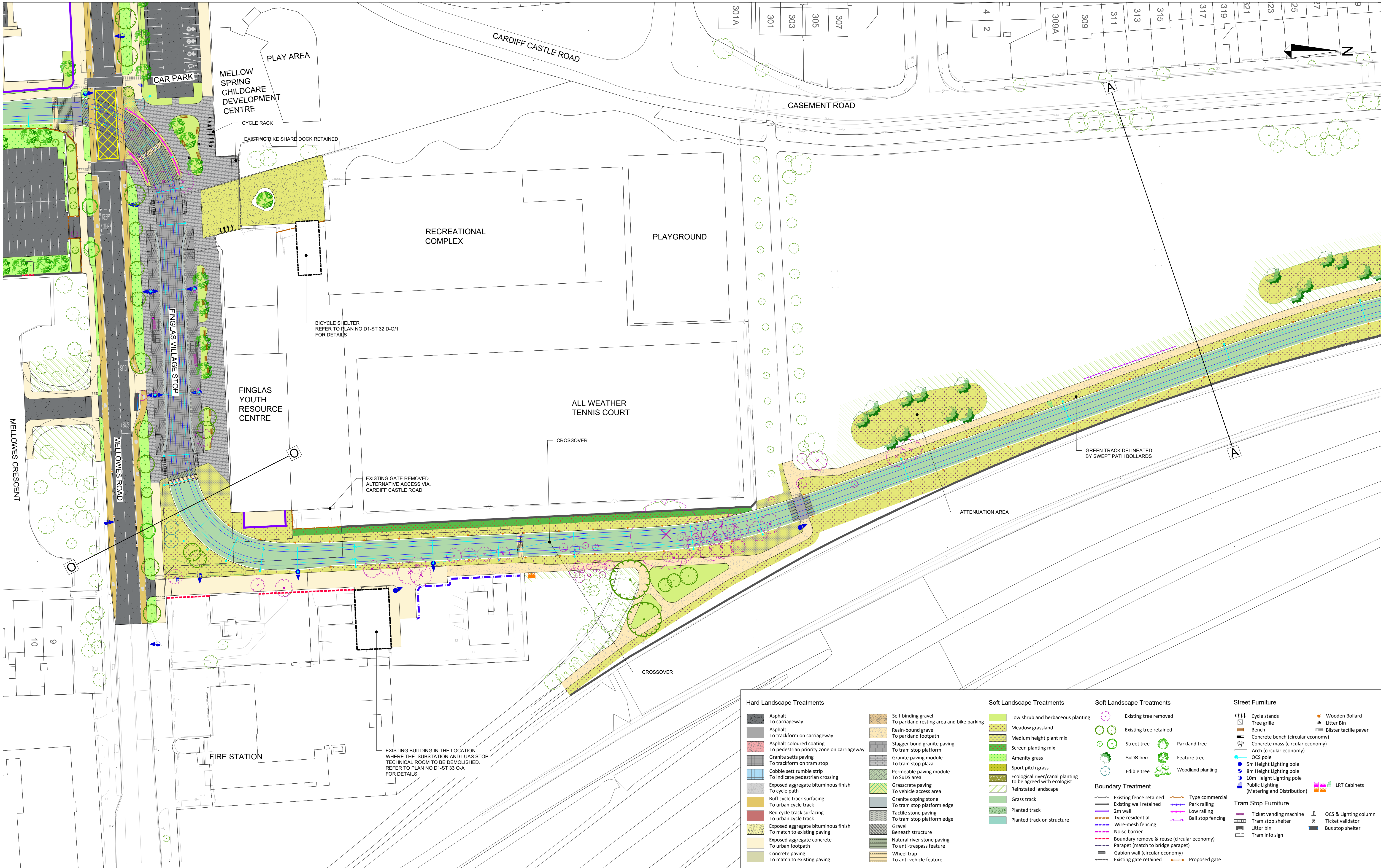
DRAWING TITLE:
**RAILWAY ORDER
LANDSCAPE CROSS SECTIONS
PATRICKSWELL PLACE**

BASE MODEL
REF:

FILE NAME:
LDD101-BEV-GA-GZ32-XX-DR-AL-00109

PLAN NUMBER:
D1-AL 32 D-O/2

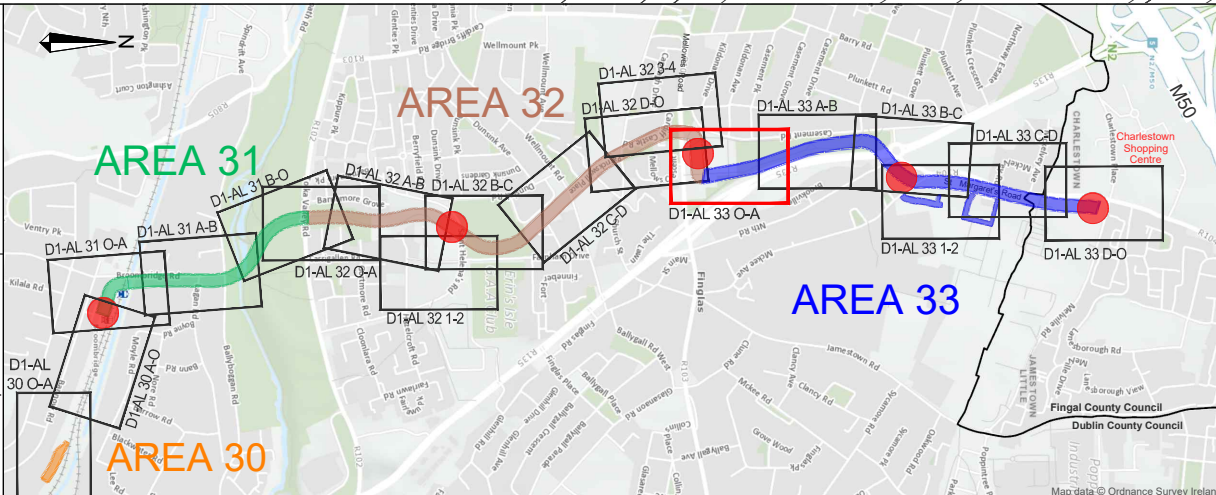
SUITABILITY REVISION
A4 C01



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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-20	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:
LUAS FINGLAS

CLIENT:
TII
Transport Infrastructure Ireland

AUTHORITY:
NTA
Udarás Náisiúnta Iompair
National Transport Authority

CONSULTANT:
BARRY TRANSPORTATION

egis

DRAWN:
F.Weber

CONTENT CHECK:
M.Galea

QUALITY CHECK:
U.Fitzmaurice

APPROVED:
E.Daly

DATE:
2024-10-15

SCALES:
1:500 @ A1

DRAWING STATUS:
Planning

PROJECT TITLE:
LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101

CHAINAGE / CORE AREA:
AREA 33

PROCUREMENT REF:

BASE MODEL REF:

DRAWING TITLE:
RAILWAY ORDER LANDSCAPE ARRANGEMENT MELLOWES ROAD TO MELLOWES PARK

FILE NAME:
LDD101-BEV-GA-GZ33-XX-DR-AL-00101

PLAN NUMBER:
D1-AL 33 O-A

SUITABILITY REVISION:
A4 C01

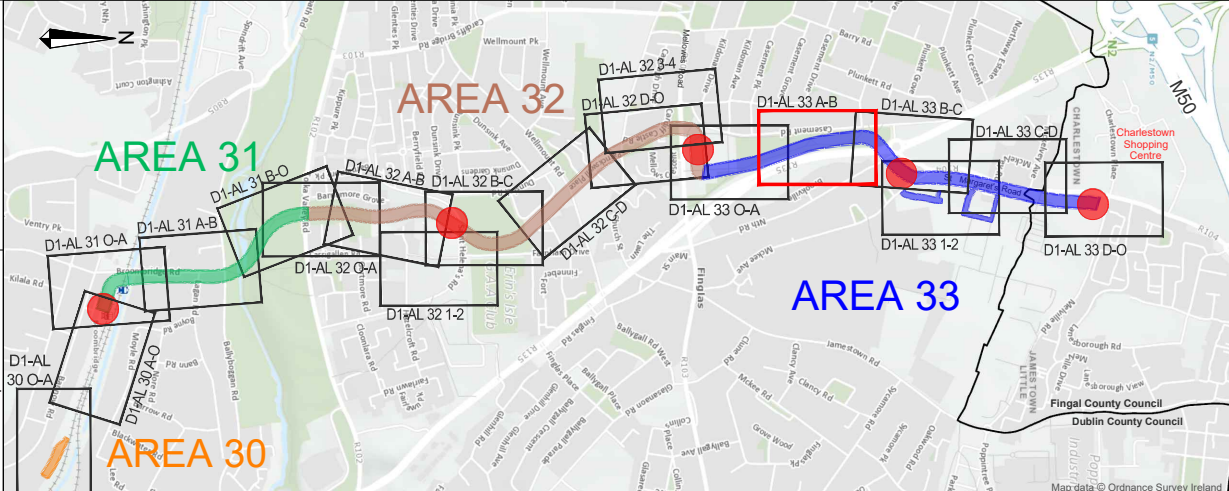


- Hard Landscape Treatments**
 - Asphalt
 - To carriageway
 - To trackform on carriageway
 - Asphalt coloured coating
 - To pedestrian priority zone on carriageway
 - Granite setts paving
 - To trackform on tram stop
 - Cobble sett rumble strip
 - To indicate pedestrian crossing
 - Exposed aggregate bituminous finish
 - To cycle path
 - Buff cycle track surfacing
 - To urban cycle track
 - Red cycle track surfacing
 - To urban cycle track
 - Exposed aggregate bituminous finish
 - To match to existing paving
 - Exposed aggregate concrete
 - To urban footpath
 - Concrete paving
 - To match to existing paving
 - Self-binding gravel
 - To parkland resting area and bike parking
 - Resin-bound gravel
 - To parkland footpath
 - Stagger bond granite paving
 - To tram stop platform
 - Granite paving module
 - To tram stop plaza
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 - To vehicle access area
 - Granite coping stone
 - To tram stop platform edge
 - Tactile stone paving
 - To tram stop platform edge
 - Gravel
 - Beneath structure
 - Natural river stone paving
 - To anti-trespass feature
 - Wheel trap
 - To anti-vehicle feature
- Soft Landscape Treatments**
 - Low shrub and herbaceous planting
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 - Screen planting mix
 - Amenity grass
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 - Woodland planting
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 - Existing wall retained
 - 2m wall
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 - Wire-mesh fencing
 - Noise barrier
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 - 8m Height Lighting pole
 - 10m Height Lighting pole
 - Public Lighting (Metering and Distribution)
 - Wooden Bollard
 - Litter Bin
 - Blister tactile paver
 - LRT Cabinets
 - OCS & Lighting column
 - Ticket validator
 - Bus stop shelter
- Tram Stop Furniture**
 - Ticket vending machine
 - Tram stop shelter
 - Litter bin
 - Tram info sign

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P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII Transport Infrastructure Ireland	NTA National Transport Authority
CONSULTANT:	CONTENT CHECK:	QUALITY CHECK:
F.Weber	M.Galeza	U.Fitzmaurice
DRAWN:	APPROVED:	DATE:
F.Weber	E.Daly	2024-10-15
SCALES:	DRAWING STATUS:	
1:500 @ A1	Planning	

PROJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101		CHAINAGE / CORE AREA: AREA 33	
PROCUREMENT REF: DRAWING TITLE:		BASE MODEL REF:	
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Hard Landscape Treatments		Soft Landscape Treatments		Soft Landscape Treatments		Street Furniture	
Asphalt	To carriageway	Self-binding gravel	To parkland resting area and bike parking	Low shrub and herbaceous planting	Existing tree removed	Cycle stands	Wooden Bollard
Asphalt	To trackform on carriageway	Resin-bound gravel	To parkland footpath	Meadow grassland	Existing tree retained	Tree grille	Litter Bin
Asphalt coloured coating	To pedestrian priority zone on carriageway	Stagger bond granite paving	To tram stop platform	Medium height plant mix	Street tree	Bench	Blister tactile paver
Granite setts paving	To tram stop platform	Granite paving module	To tram stop platform	Screen planting mix	SuDS tree	Concrete bench (circular economy)	
Cobble sett rumble strip	To indicate pedestrian crossing	Permeable paving module	To SuDS area	Amenity grass	Edible tree	Concrete mass (circular economy)	
Exposed aggregate bituminous finish	To cycle path	Grasscrete paving	To vehicle access area	Sport pitch grass		Arch (circular economy)	
Buff cycle track surfacing	To urban cycle track	Gravel	To tram stop platform edge	Ecological river/canal planting to be agreed with ecologist		OCS pole	
Red cycle track surfacing	To urban cycle track	Natural river stone paving	To anti-trespass feature	Reinstated landscape		5m Height Lighting pole	
Exposed aggregate bituminous finish	To match to existing paving	Wheel trap	To anti-vehicle feature			8m Height Lighting pole	
Concrete paving	To match to existing paving					10m Height Lighting pole	
						Public Lighting (Metering and Distribution)	

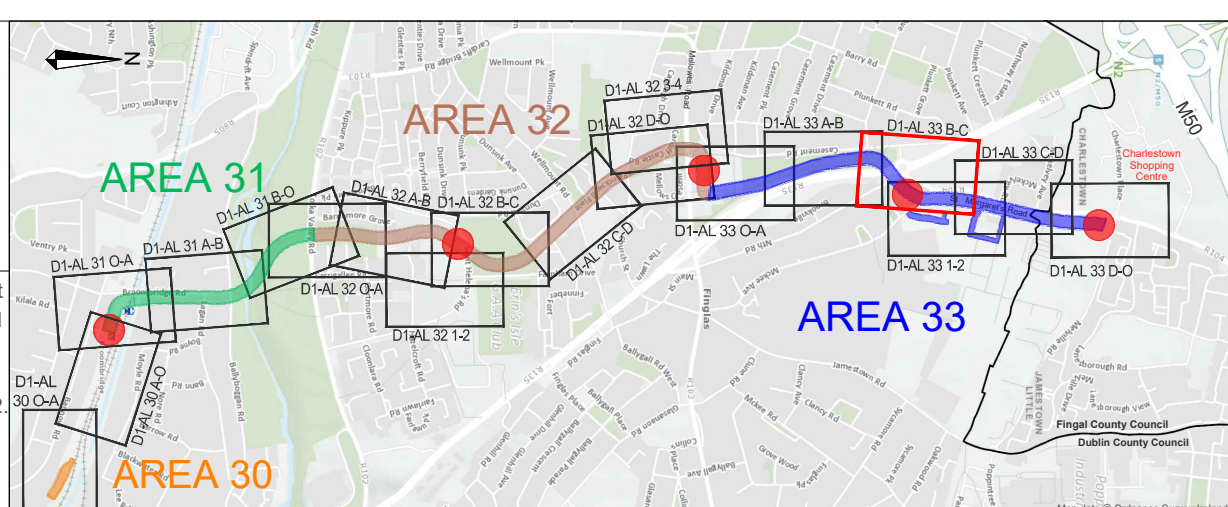
Boundary Treatment		Tram Stop Furniture	
Existing fence retained	Type commercial	Ticket vending machine	OCS & Lighting column
Existing wall retained	Park railing	Tram stop shelter	Ticket validator
2m wall	Low railing	Litter bin	Bus stop shelter
Type residential	Ball stop fencing	Tram info sign	
Wire-mesh fencing			
Noise barrier			
Boundary remove & reuse (circular economy)			
Parapet (match to bridge parapet)			
Gabion wall (circular economy)			
Existing gate retained	Proposed gate		

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-20	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:

LUAS
FINGLAS

CLIENT:

TII
Transport Infrastructure Ireland

AUTHORITY:

NTA
Údarás Náisiúnaí Iompair
National Transport Authority

CONSULTANT:

BARRY
TRANSPORTATION

DRAWN:

F. Weber

CONTENT CHECK:

M. Galea

QUALITY CHECK:

U. Fitzmaurice

APPROVED:

E. Daly

DATE:

2024-10-15

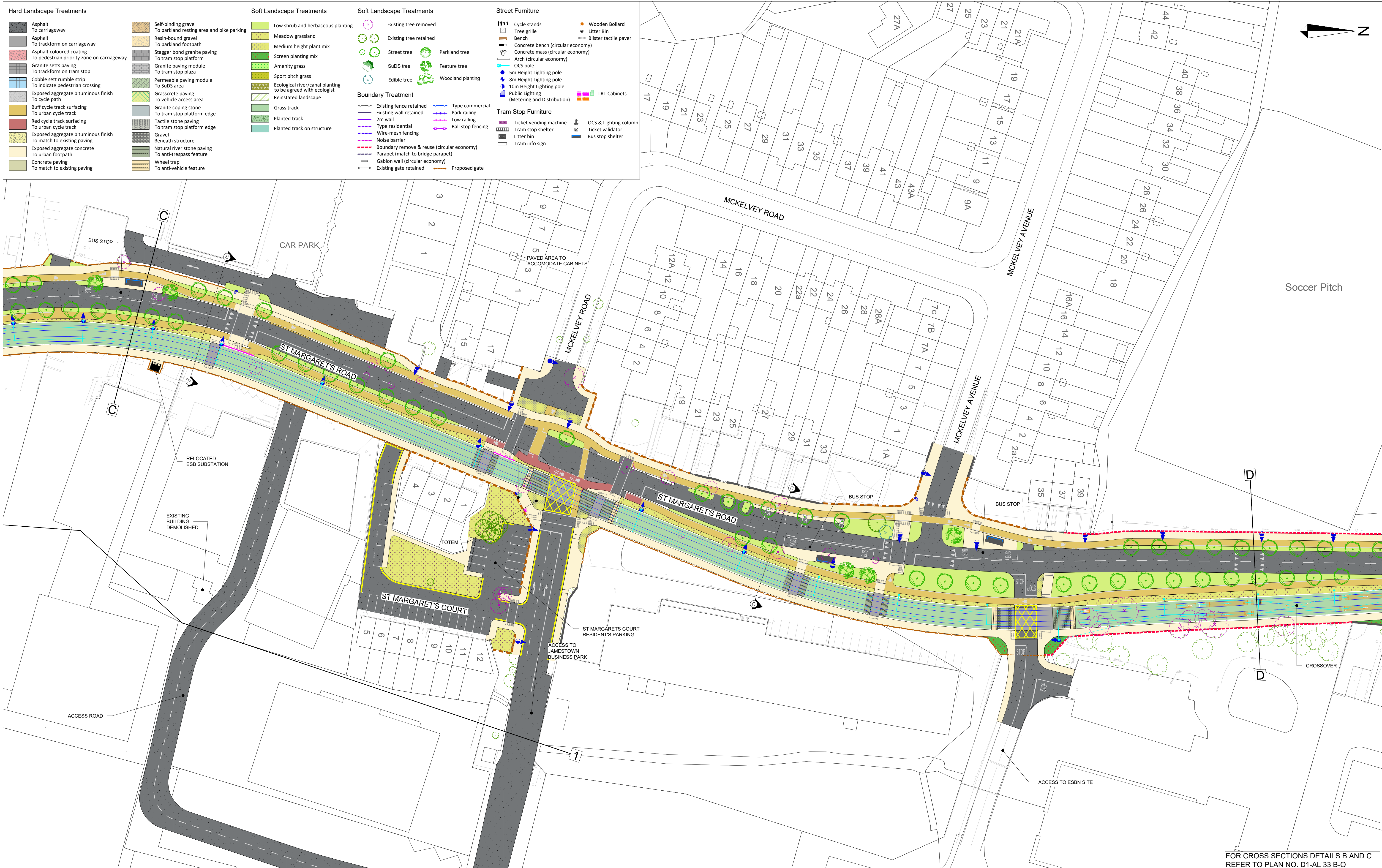
SCALES:

1:500 @ A1

DRAWING STATUS:

Planning

PROJECT TITLE:	LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS	CHAINAGE / CORE AREA:	AREA 33
PROCUREMENT REF:	LDD101	BASE MODEL REF:	
DRAWING TITLE:	RAILWAY ORDER LANDSCAPE ARRANGEMENT MELLOWES PARK TO ST MARGARET'S ROAD		
FILE NAME:	LDD101-BEV-GA-GZ33-XX-DR-AL-00103	PLAN NUMBER:	D1-AL 33 B-C
SUITABILITY	A4	REVISION	C01

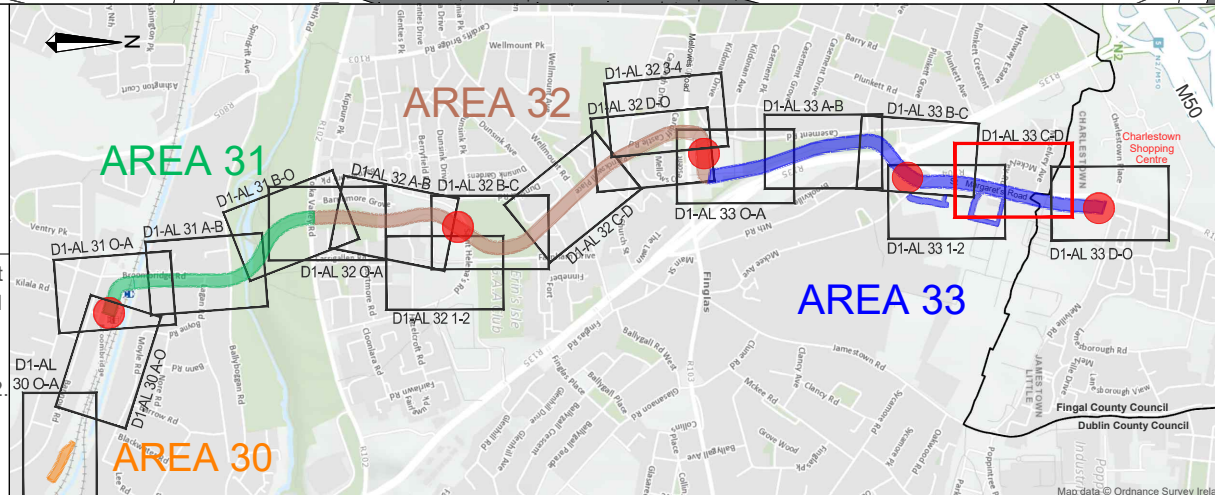


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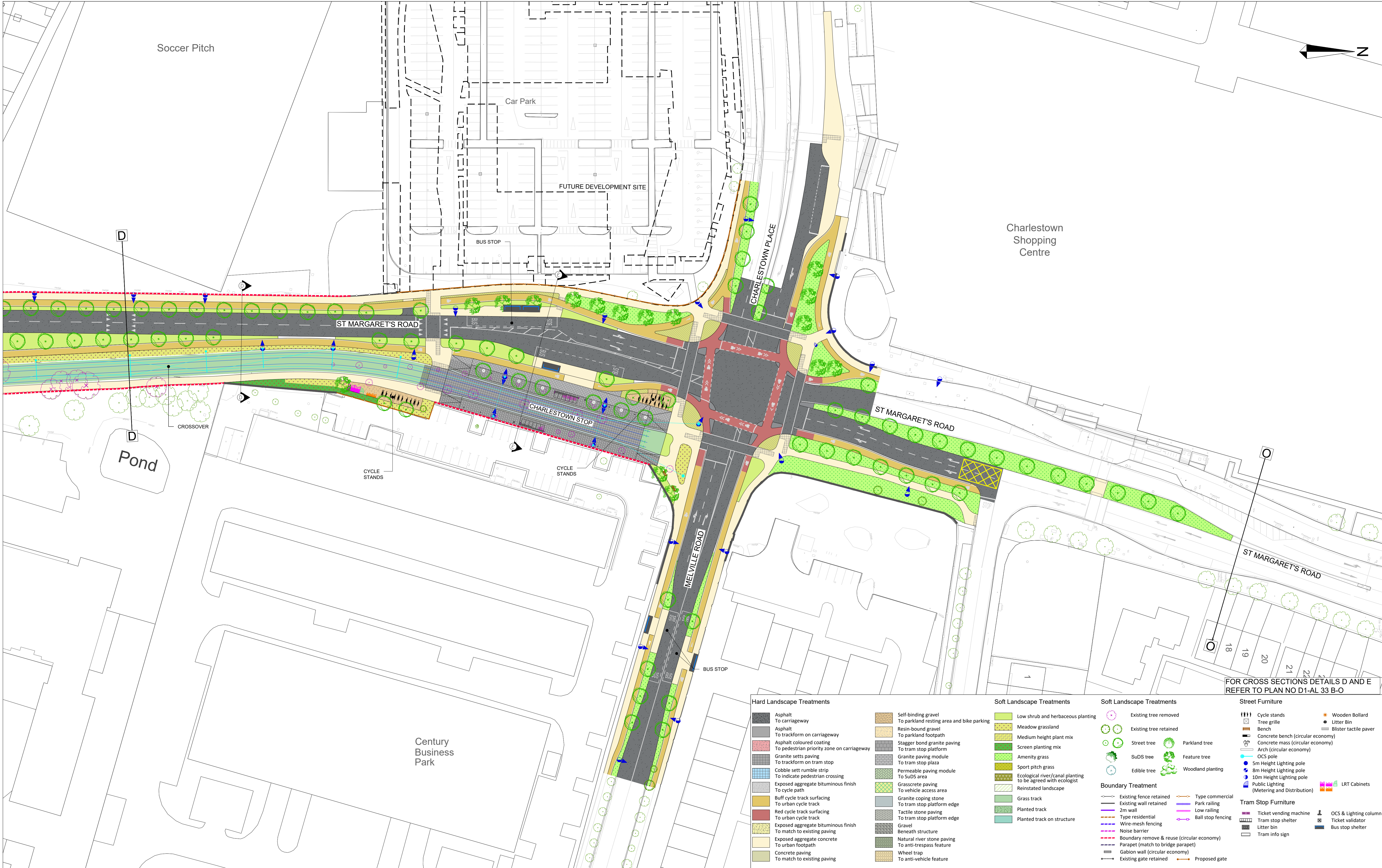
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P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII	NTA
CONSULTANT:	CONTENT CHECK:	QUALITY CHECK:
F.Weber	M.Galeza	U.Fitzmaurice
DRAWN:	APPROVED:	DATE:
F.Weber	E.Daly	2024-10-15
SCALES:	DRAWING STATUS:	
1:500 @ A1	Planning	

PROJECT TITLE:	LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS	CHAINAGE / CORE AREA:	AREA 33
PROCUREMENT REF:	LDD101	BASE MODEL REF:	
DRAWING TITLE:	RAILWAY ORDER LANDSCAPE ARRANGEMENT ST MARGARET'S ROAD		
FILE NAME:	LDD101-BEV-GA-GZ33-XX-DR-AL-00104	PLAN NUMBER:	D1-AL 33 C-D
		SUITABILITY	REVISION
		A4	C01



FOR CROSS SECTIONS DETAILS D AND E
REFER TO PLAN NO D1-AL 33 B-O

Hard Landscape Treatments

- Asphalt
 - To carriageway
 - To trackform on carriageway
 - Asphalt coloured coating
 - To pedestrian priority zone on carriageway
 - Granite setts paving
 - To trackform on tram stop
 - Cobble sett rumble strip
 - To indicate pedestrian crossing
 - Exposed aggregate bituminous finish
 - To cycle path
 - Buff cycle track surfacing
 - To urban cycle track
 - Red cycle track surfacing
 - To urban cycle track
 - Exposed aggregate bituminous finish
 - To match to existing paving
 - Exposed aggregate concrete
 - To urban footpath
 - Concrete paving
 - To match to existing paving
- Self-binding gravel
 - To parkland resting area and bike parking
- Resin-bound gravel
 - To parkland footpath
- Stagger bond granite paving
 - To tram stop platform
- Granite paving module
 - To tram stop plaza
- Permeable paving module
 - To SuDS area
- Grasscrete paving
 - To vehicle access area
- Granite coping stone
 - To tram stop platform edge
- Tactile stone paving
 - To tram stop platform edge
- Gravel
 - Beneath structure
- Natural river stone paving
 - To urban footpath
- Wheel trap
 - To anti-vehicle feature

Soft Landscape Treatments

- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- Parkland tree
- Feature tree
- Woodland planting

Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Type commercial
- Park railing
- Low railing
- Ball stop fencing
- Proposed gate

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS pole
- 5m Height Lighting pole
- 8m Height Lighting pole
- 10m Height Lighting pole
- Public Lighting (Metering and Distribution)
- Wooden Bollard
- Litter Bin
- Blister tactile paver
- Blister tactile paver
- LRT Cabinets

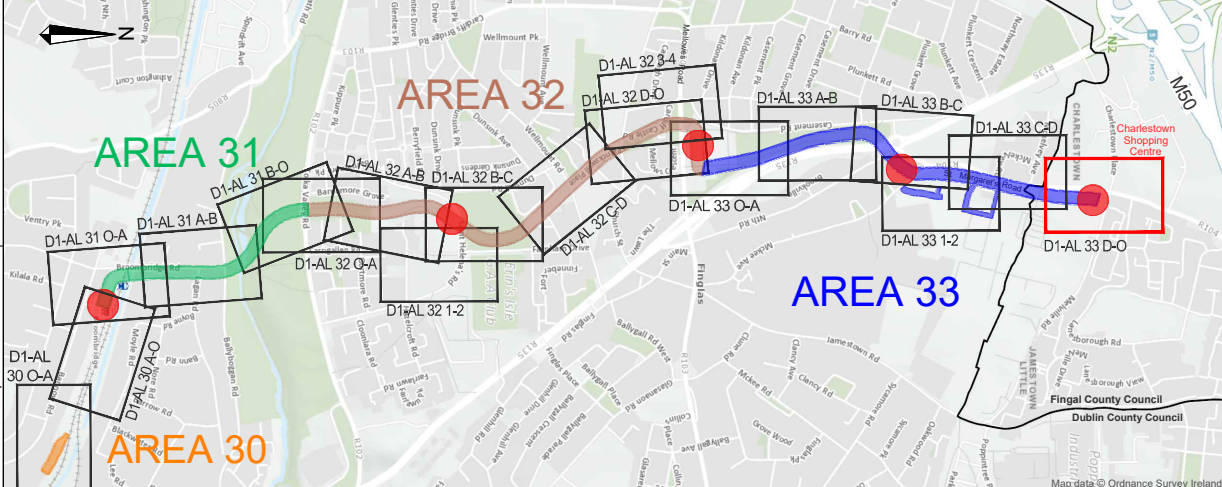
Tram Stop Furniture

- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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PROJECT:
LUAS FINGLAS

CLIENT:
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AUTHORITY:
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BARRY TRANSPORTATION

DRAWN: F.Weber
CONTENT CHECK: M.Galea
QUALITY CHECK: U.Fitzmaurice
APPROVED: E.Daly
DATE: 2024-10-15

SCALES: 1:500 @ A1
DRAWING STATUS: Planning

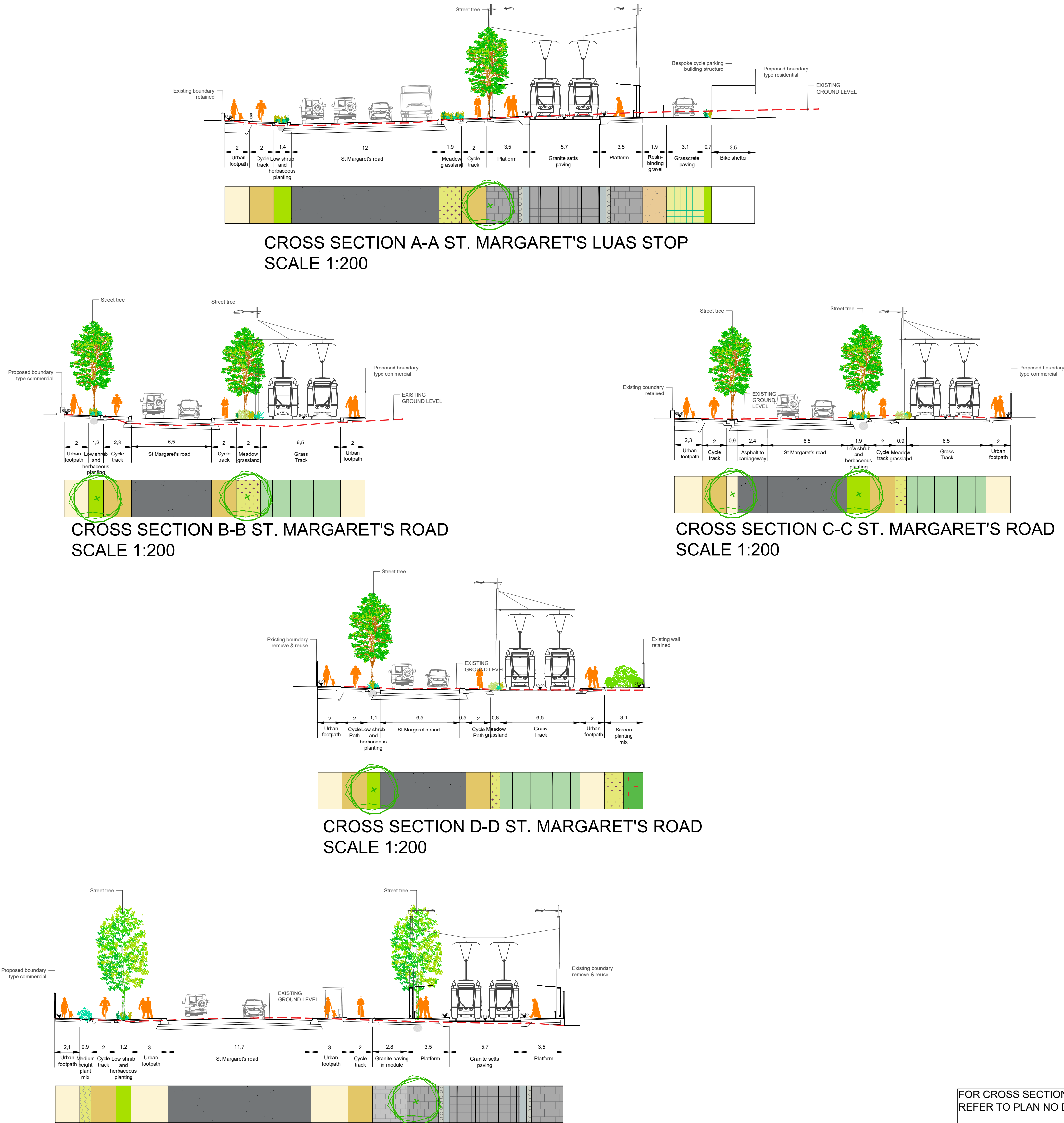
PROJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS
PROCUREMENT REF: LDD101
DRAWING TITLE: RAILWAY ORDER LANDSCAPE ARRANGEMENT CHARLESTOWN STOP

CHAINAGE / CORE AREA: AREA 33
BASE MODEL REF:

FILE NAME: LDD101-BEV-GA-GZ33-XX-DR-AL-00105
PLAN NUMBER: D1-AL 33 D-O
SUITABILITY REVISION: A4 C01



SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



CROSS SECTION E-E CHARLESTOWN LUAS STOP
SCALE 1:200

FOR CROSS SECTIONS MARKING A
REFER TO PLAN NO D1-AL 33 B-C

FOR CROSS SECTIONS MARKING B AND C
REFER TO PLAN NO D1-AL 33 C-D

FOR CROSS SECTIONS MARKING D AND E
REFER TO PLAN NO D1-AL 33 D-O

Hard Landscape Treatments

- Asphalt
- To carriageway
- Asphalt
- To trackform on carriageway
- Asphalt coloured coating
- To pedestrian priority zone on carriageway
- Granite setts paving
- To trackform on tram stop
- Cobble sett rumble strip
- To indicate pedestrian crossing
- Exposed aggregate bituminous finish
- To parkland cycle track
- Buff cycle track surfacing
- To urban cycle track
- Red cycle track surfacing
- To urban cycle track
- Exposed aggregate bituminous finish
- To match to existing paving
- Exposed aggregate concrete
- To urban footpath
- Concrete paving
- To match to existing paving
- Self-binding gravel
- To parkland resting area and bike parking
- Resin-bound gravel
- To parkland footpath
- Stagger bond granite paving
- To tram stop platform
- Granite paving module
- To tram stop plaza
- Permeable paving module
- To SuDS area
- Grasscrete paving
- To vehicle access area
- Granite coping stone
- To tram stop platform edge
- Tactile stone paving
- To tram stop platform edge
- Gravel
- Beneath structure
- Natural river stone paving
- To anti-tresspass feature
- Wheel trap
- To anti-vehicle feature

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- Parkland tree
- Feature tree
- Woodland planting
- Low shrub and herbaceous planting
- Meadow grassland
- Medium height plant mix
- Screen planting mix
- Amenity grass
- Sport pitch grass
- Ecological river/canal planting to be agreed with ecologist
- Reinstated landscape
- Grass track
- Planted track
- Planted track on structure

Boundary Treatment

- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Proposed gate
- Type commercial
- Park railing
- Low railing
- Ball stop fencing

Street Furniture

- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS poles
- 5m Lantern mounting height
- 8m Lantern mounting height
- 10m Lantern mounting height
- Public Lighting (Metering and Distribution)
- LRT Cabinets
- Wooden bollard
- Litter bin
- Blister tactile paver

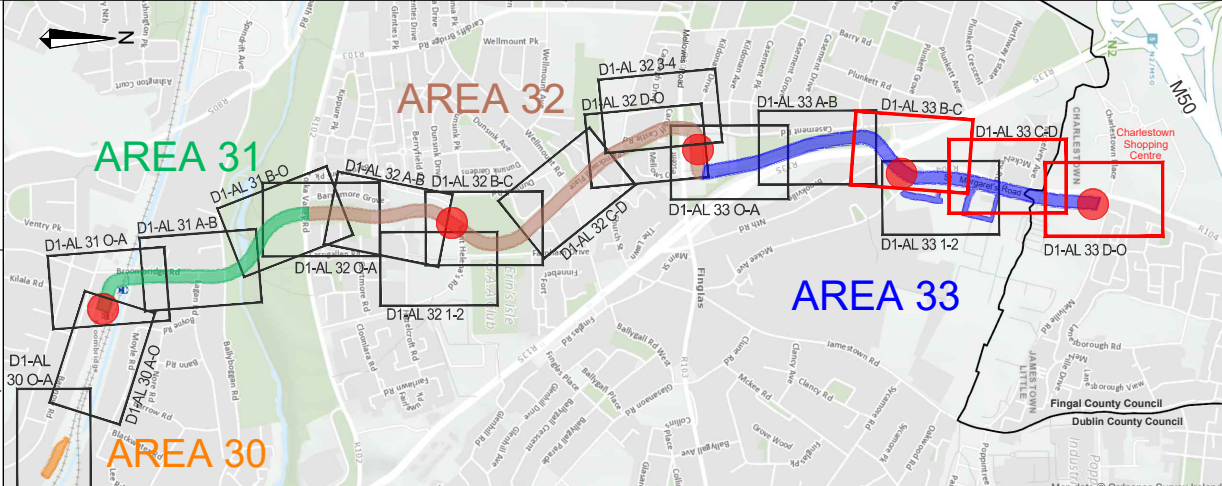
Tram Stop Furniture

- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-20	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH
P03	2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH
C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII Transport Infrastructure Ireland	NTA National Transport Authority
CONSULTANT:	DRAWN:	CONTENT CHECK:
BARRY TRANSPORTATION	F.Weber	M.Galeza
egis	QUALITY CHECK:	APPROVED:
	U.Fitzmaurice	E.Daly
DATE:	2024-10-15	
SCALES:	1:200 @ A1	DRAWING STATUS:
		Planning

PROJECT TITLE:	LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101	CHAINAGE / CORE AREA:	AREA 33
PROCUREMENT REF:		BASE MODEL REF:	
DRAWING TITLE:	RAILWAY ORDER LANDSCAPE CROSS SECTIONS MELLOWES PARK TO ST MARGARET'S ROAD	FILE NAME:	LDD101-BEV-GA-GZ33-XX-DR-AL-00107
PLAN NUMBER:	D1-AL 33 B-O	SUITABILITY	A4
REVISION	C01		