

Luas Finglas

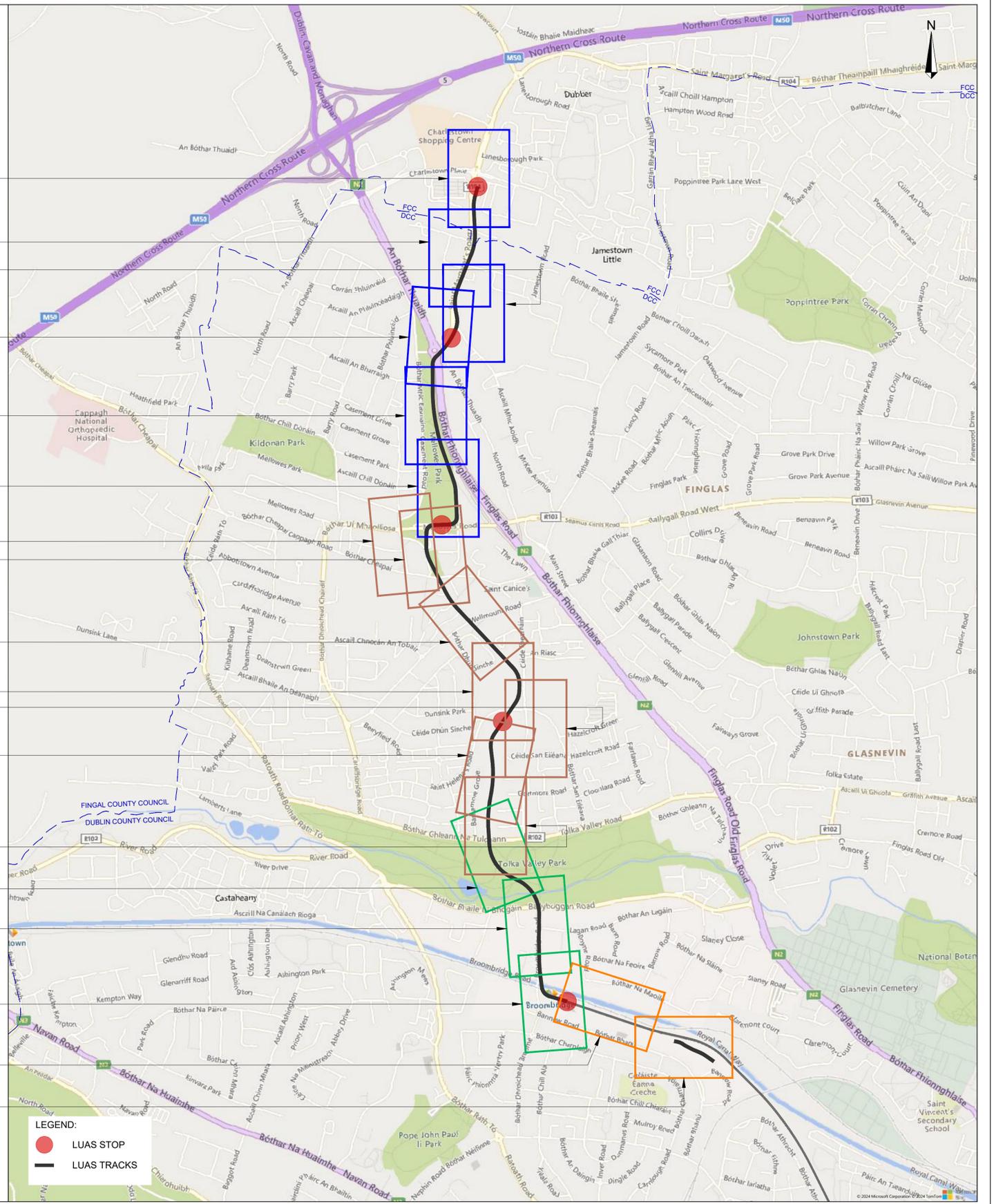
Railway Order Drawings 2024

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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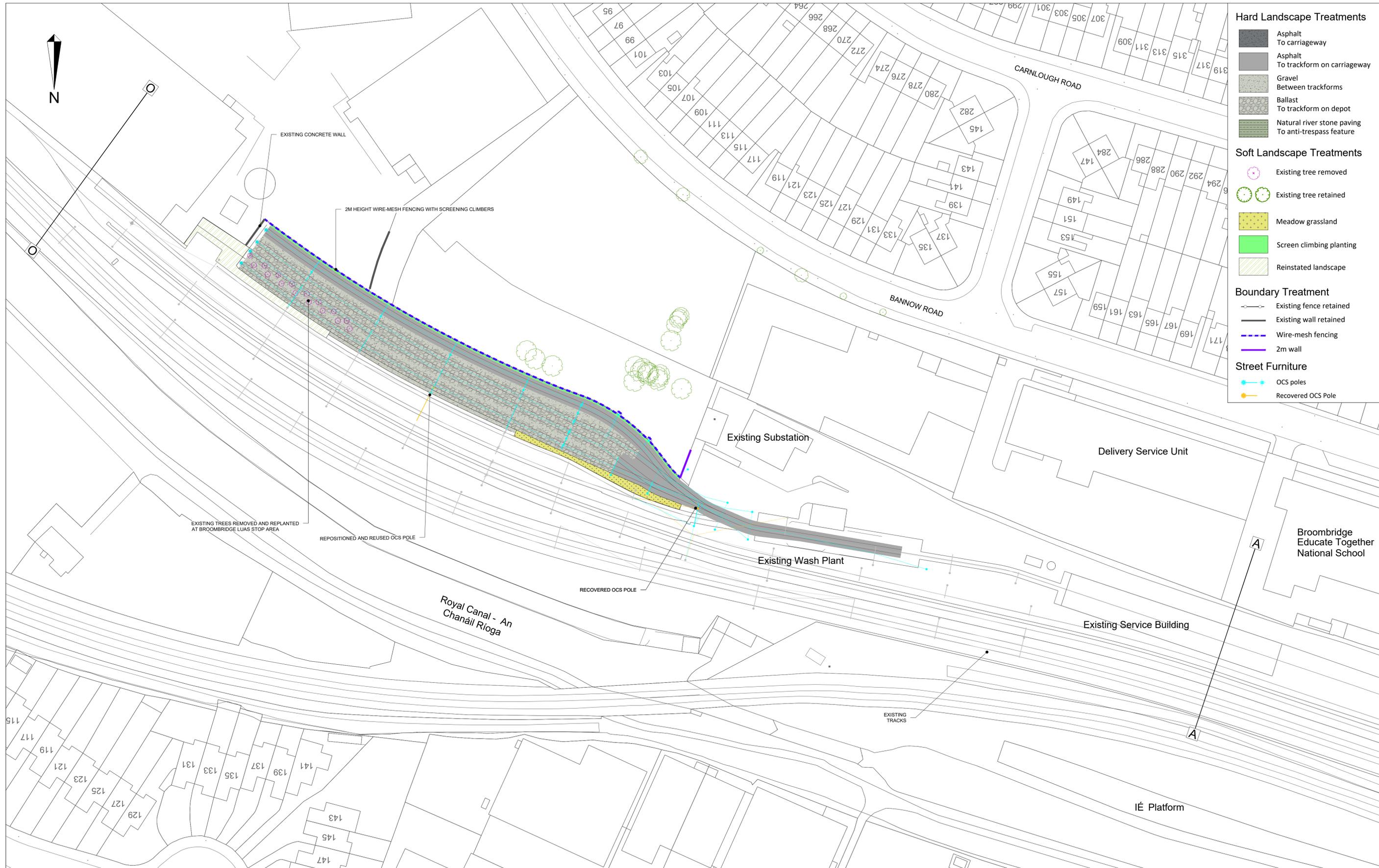
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PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII	NTA
CONSULTANT:	BARRY TRANSPORTATION	egis
DRAWN:	M. Galeza	CONTENT CHECK: F. Weber
QUALITY CHECK:	U. Fitzmaurice	APPROVED: E. Daly
DATE:	2024-10-15	
SCALES:	1:10000 @ A1	DRAWING STATUS: Planning

PROJECT TITLE:	CHAINAGE / CORE AREA N/A
LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101	
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

PROJECT:	CLIENT:	AUTHORITY:
LUAS FINGLAS	TII	NTA
CONSULTANT:	BARRY TRANSPORTATION	egis
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

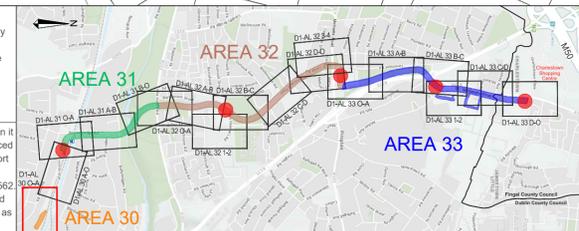


- ### Hard Landscape Treatments
- Asphalt To carriageway
 - Asphalt To trackform on carriageway
 - Gravel Between trackforms
 - Ballast To trackform on depot
 - Natural river stone paving To anti-trespass feature
- ### Soft Landscape Treatments
- Existing tree removed
 - Existing tree retained
 - Meadow 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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REV	DATE	DESCRIPTION	BY	CHK	APPD
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

PROJECT: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

BASE MODEL REF:

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

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

PLAN NUMBER: D1-AL 30 O-A

SUITABILITY REVISION: A4 C01

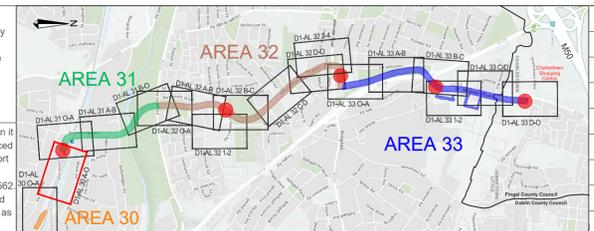


Hard Landscape Treatments	Soft Landscape Treatments	Soft Landscape Treatments	Street Furniture	Tram Stop Furniture	
<ul style="list-style-type: none"> Asphalt To carriageway Asphalt To trackform on carriageway Asphalt coloured coating To pedestrian priority zone on carriageway Granite setts paving To 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Existing tree removed Existing tree retained Street tree SuDS tree Edible tree Parkland tree Feature tree Woodland planting 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Ticket vending machine 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
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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

PROJECT: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

PROCUREMENT REF: **LDD101**

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE ARRANGEMENT BROOMBRIDGE DEPOT**

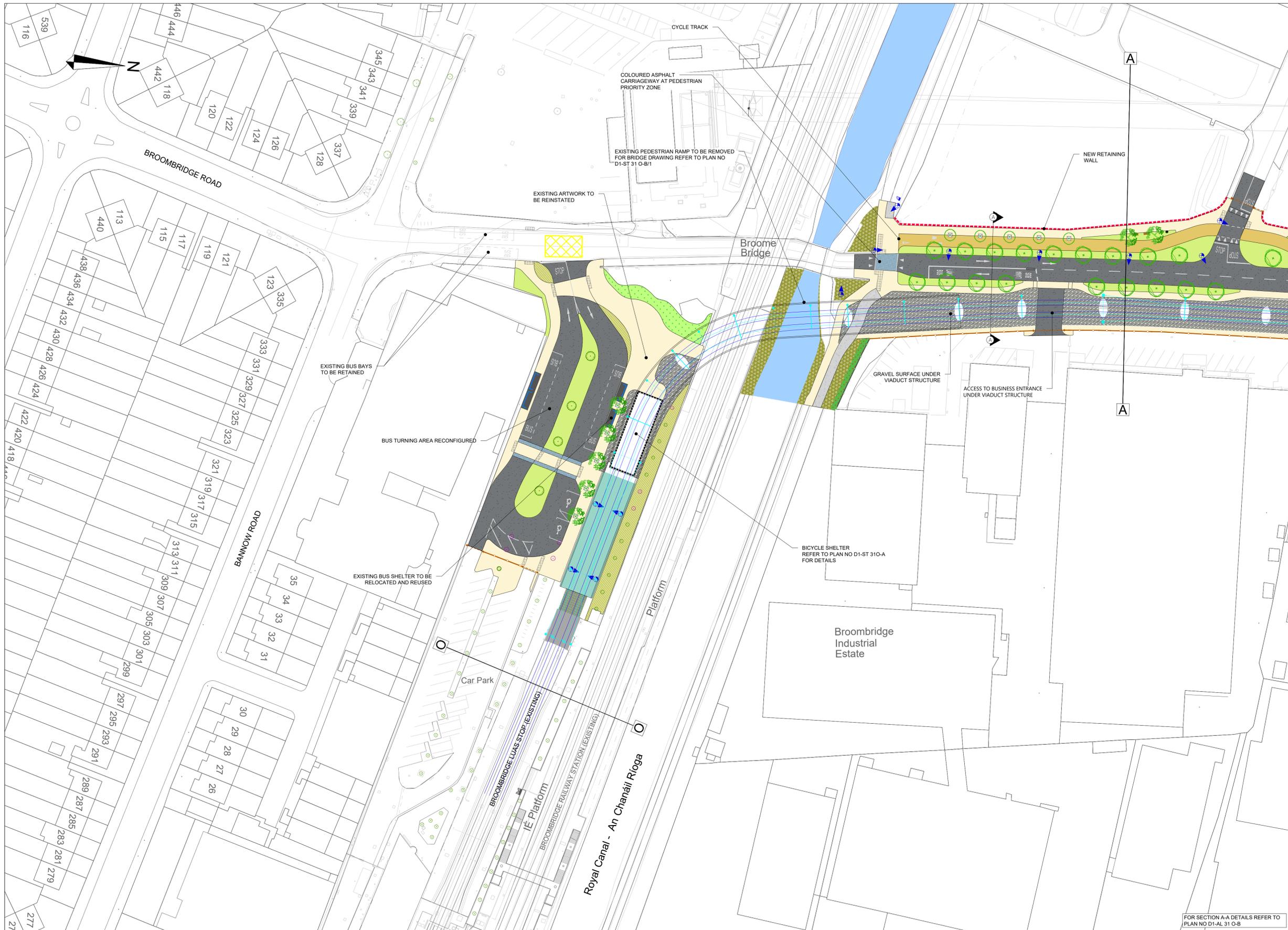
CHAINAGE / CORE AREA: **AREA 30**

BASE MODEL REF:

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-tress 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

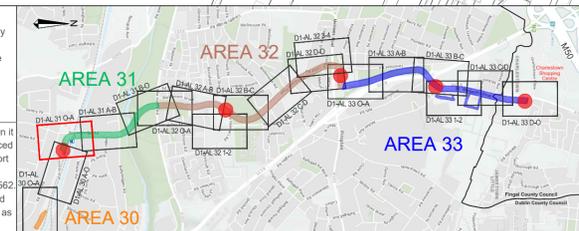
- ### Street Furniture
- Cycle stands
 - Tree grille
 - Bench
 - Concrete bench (circular economy)
 - Concrete mass (circular economy)
 - Arch (circular economy)
 - OCS poles
 - 5m Lantern mounting height
 - 8m Lantern mounting height
 - 10m Lantern mounting height
 - Public Lighting (Metering and Distribution)
 - 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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P01	2024-03-01	ISSUE FOR REVIEW	MG	FB	ED
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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)

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 31**

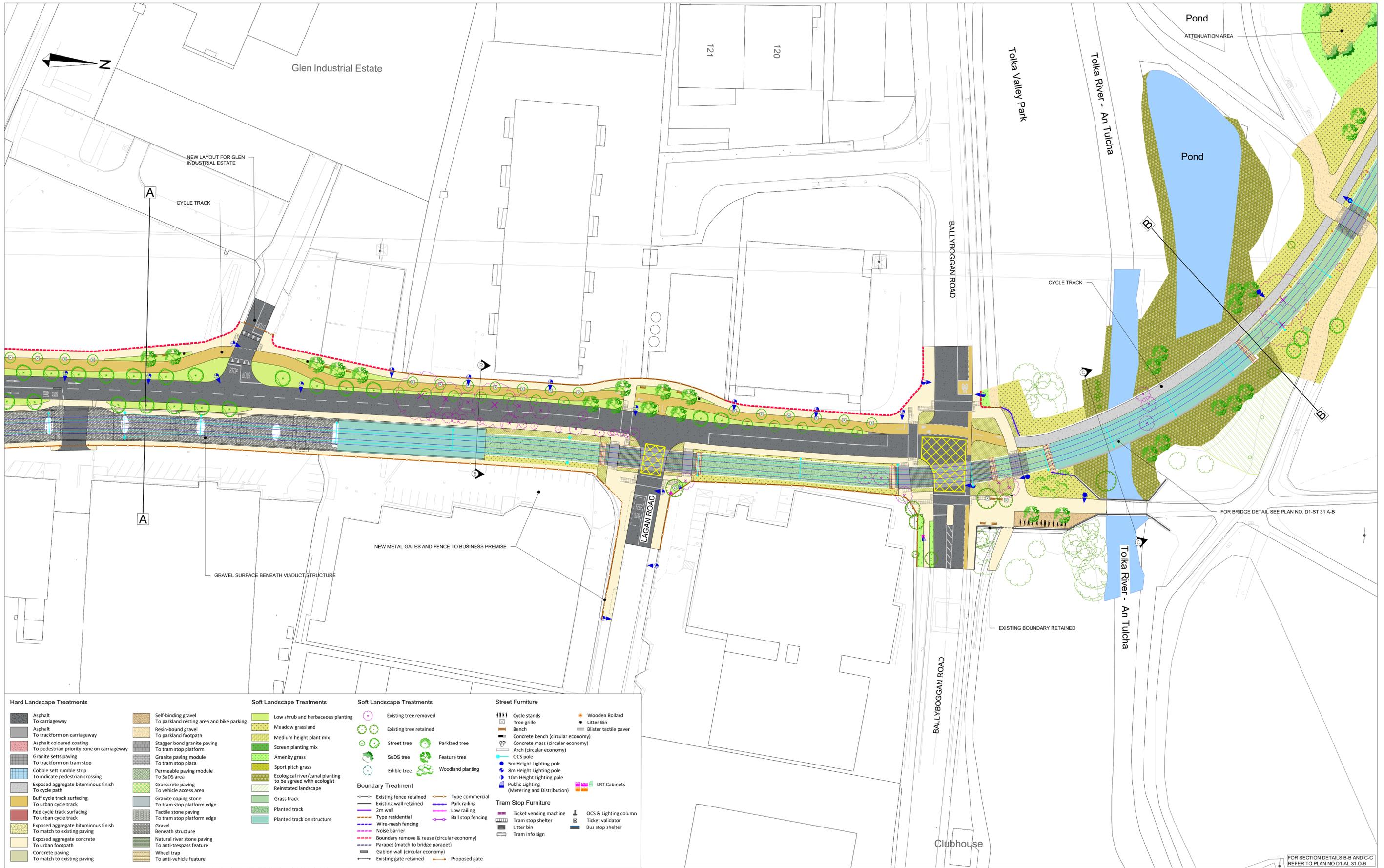
BASE MODEL REF:

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

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

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

SUITABILITY REVISION: **A4 C01**

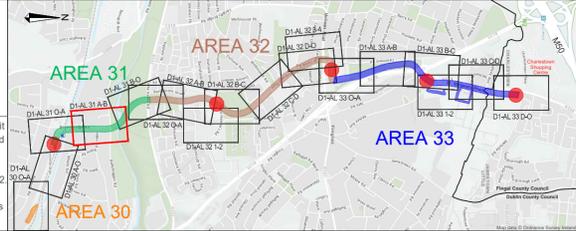


Hard Landscape Treatments		Soft Landscape Treatments		Street Furniture	
Asphalt To carriageway	Self-binding gravel To parkland resting area and bike parking	Low shrub and herbaceous planting	Existing tree removed	Cycle stands	Wooden Bollard
Asphalt To trackform on carriageway	Resin-bound gravel To parkland 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 trackform on tram stop	Granite paving module To tram stop platform	Screen planting mix	SuDS tree	Concrete bench (circular economy)	Concrete mass (circular economy)
Cobble sett rumble strip To indicate pedestrian crossing	Permeable paving module To SuDS area	Amenity grass	Edible tree	Arch (circular economy)	OCS pole
Exposed aggregate bituminous finish To cycle path	Grasscrete paving To vehicle access area	Sport pitch grass	Feature tree	5m Height Lighting pole	8m Height Lighting pole
Buff cycle track surfacing To urban cycle track	Granite coping stone To tram stop platform edge	Ecological river/canal planting to be agreed with ecologist	Woodland planting	10m Height Lighting pole	Public Lighting (Metering and Distribution)
Red cycle track surfacing To urban cycle track	Tactile stone paving To tram stop platform edge	Reinstated landscape	Boundary Treatment	Litter bin	LRT Cabinets
Exposed aggregate bituminous finish To match to existing paving	Gravel Beneath structure	Grass track	Existing fence retained	Tram stop shelter	OCS & Lighting column
Exposed aggregate concrete To urban footpath	Natural river stone paving To anti-trespass feature	Planted track	2m wall	Litter bin	Ticket validator
Concrete paving To match to existing paving	Wheel trap To anti-vehicle feature	Planted track on structure	Type residential	Tram info sign	Bus stop shelter
			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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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

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 31

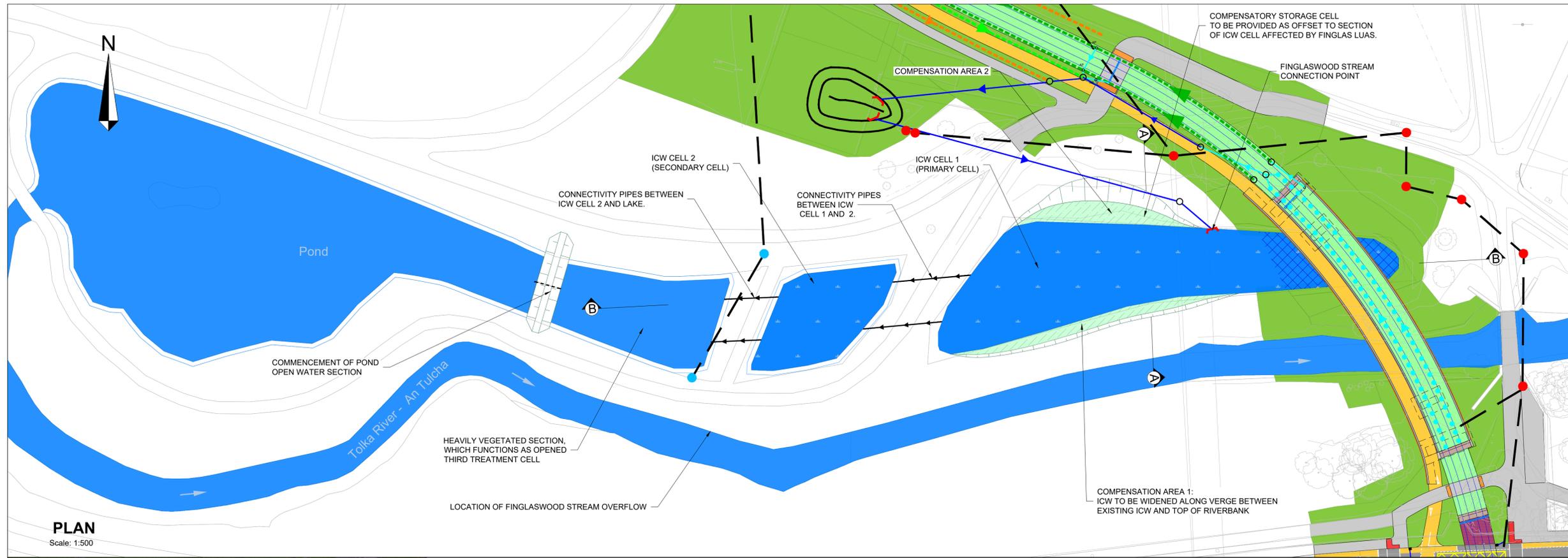
BASE MODEL REF:

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

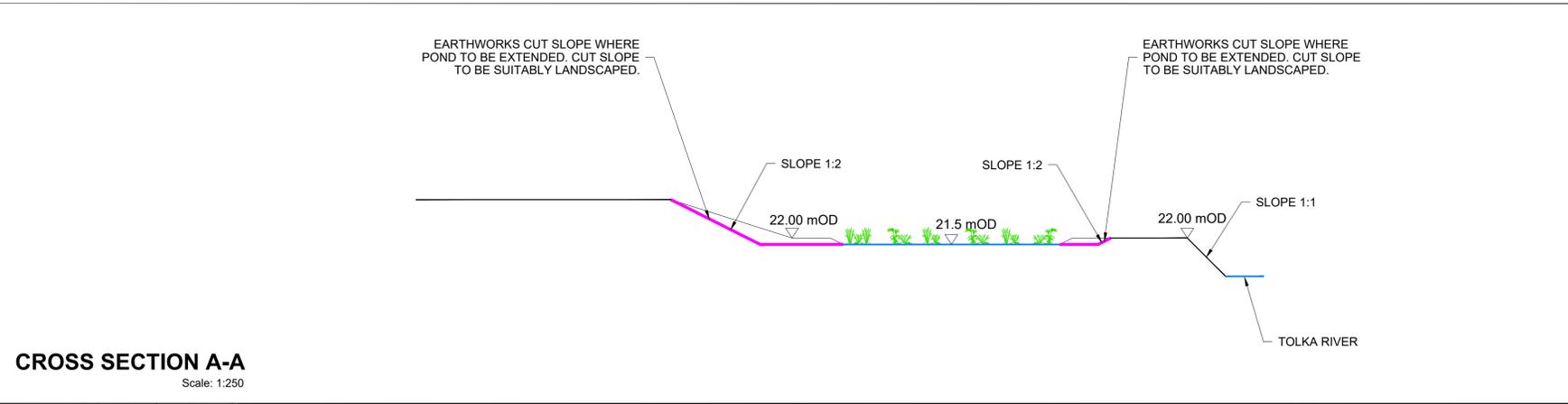
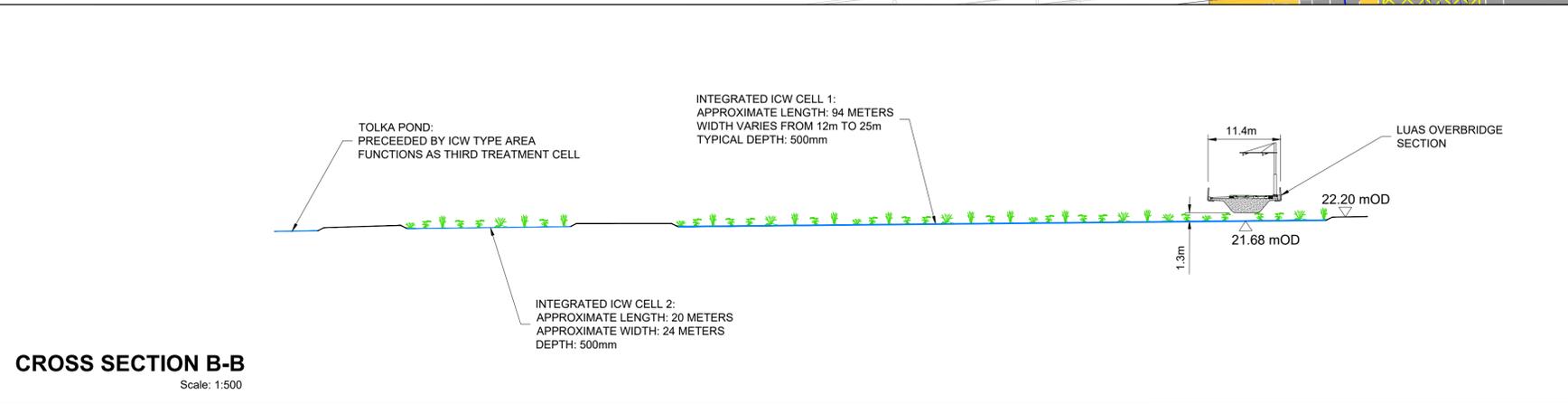
FILE NAME: LDD101-BEV-GA-GZ31-XX-DR-AL-00104

PLAN NUMBER: D1-AL 31 A-B

SUITABILITY REVISION: A4 C01



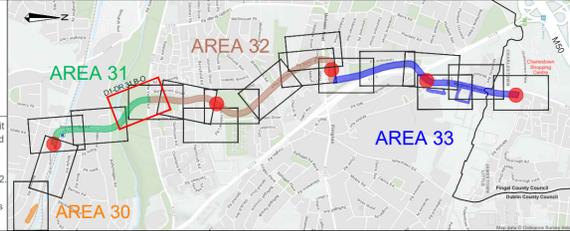
- LEGEND:**
- Carrier Drain
 - Carrier Drain
 - Perforated Drainage Pipe
 - Infiltration Trench
 - Track Drainage system
 - Filter Drain
 - ACO Channel (Pedestrian)
 - Proprietary slot based track drainage system
 - ACO Drain or similar traverse track drainage system
 - Dished Paving
 - Existing Surface 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



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REV	DATE	DESCRIPTION	BY	CHK	APPD
P01	2024-03-11	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-04-29	ISSUE FOR REVIEW	MG	FB	ED
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: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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 31**

BASE MODEL REF:

DRAWING TITLE: **RAILWAY ORDER DRAINAGE DETAIL INTEGRATED CONSTRUCTION WETLAND TOLKA VALLEY PARK**

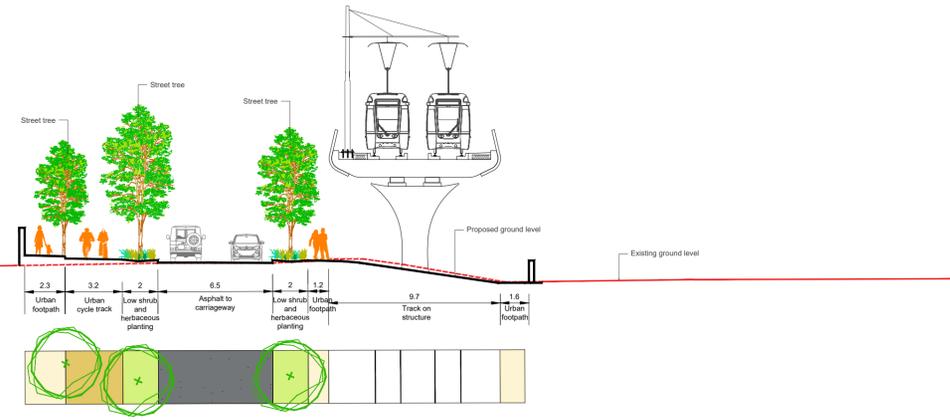
FILE NAME: LDD101-BEV-GA-GZ31-XX-DR-CD-00101

PLAN NUMBER: D1-DR 31 B-O

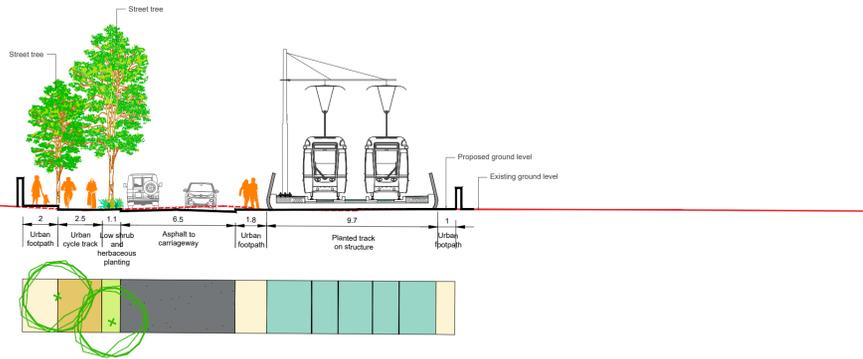
SUITABILITY REVISION: A4 C01



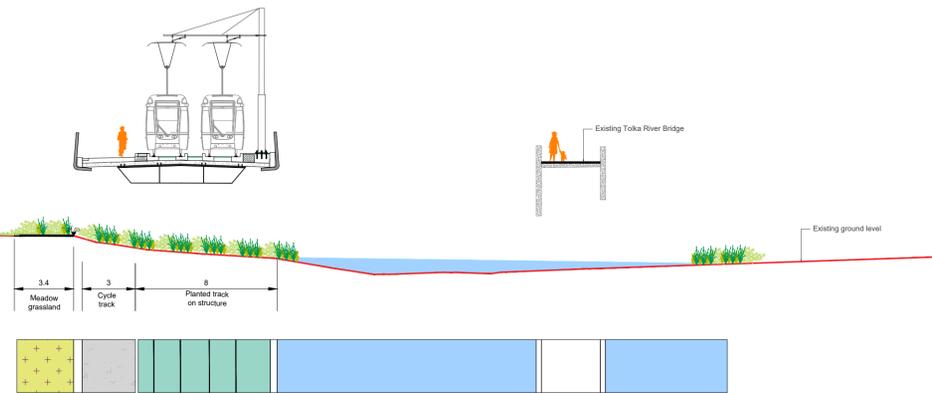
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



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
- 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 paving

Tram Stop Furniture

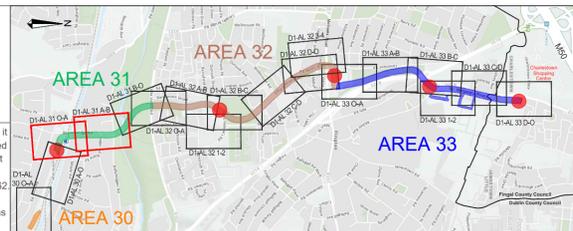
- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

FOR CROSS SECTION MARKING A
REFER TO PLAN NO D1-AL 31 O-A
FOR CROSS SECTIONS MARKING B AND C
REFER TO PLAN NO D1-AL 31 A-B

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P01	2024-03-01	FIRST DRAFT FOR REVIEW	MG	FB	ED
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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** (National Transport Authority)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

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

CHAINAGE / CORE AREA: **AREA 31**

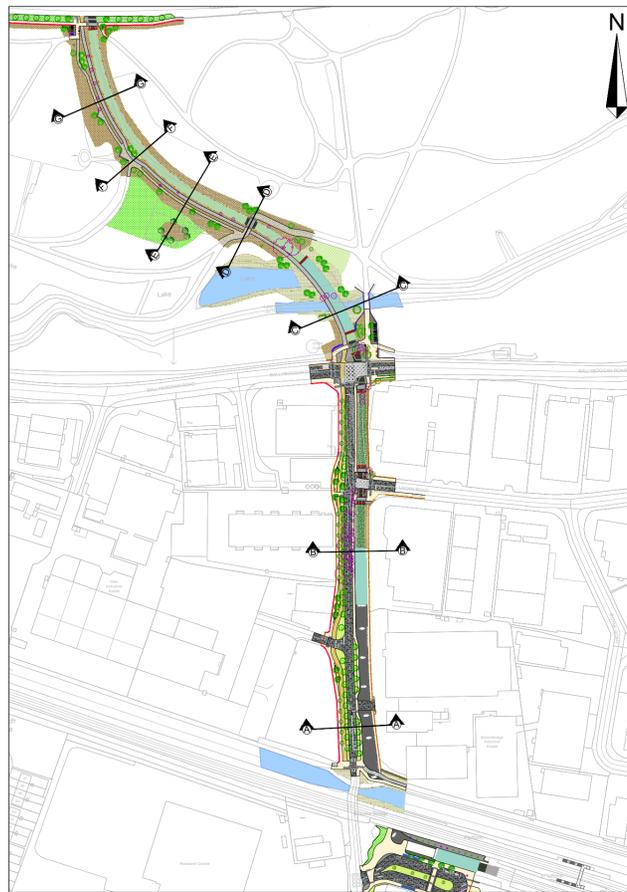
BASE MODEL REF:

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

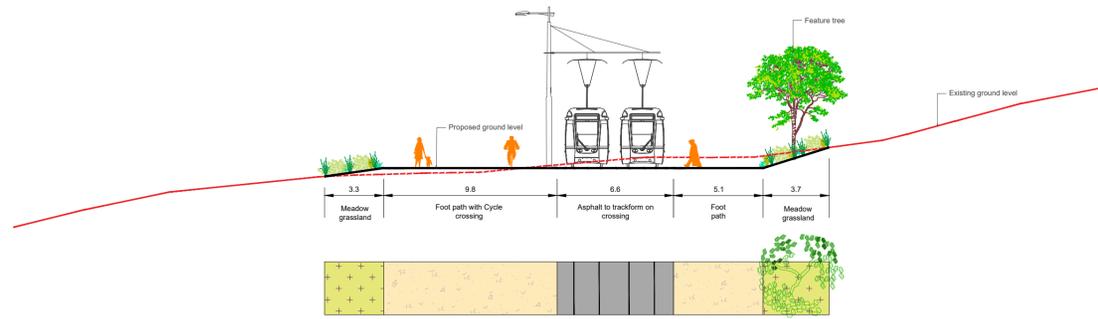
FILE NAME: **LDD101-BEV-GA-GZ31-XX-DR-AL-00106**

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

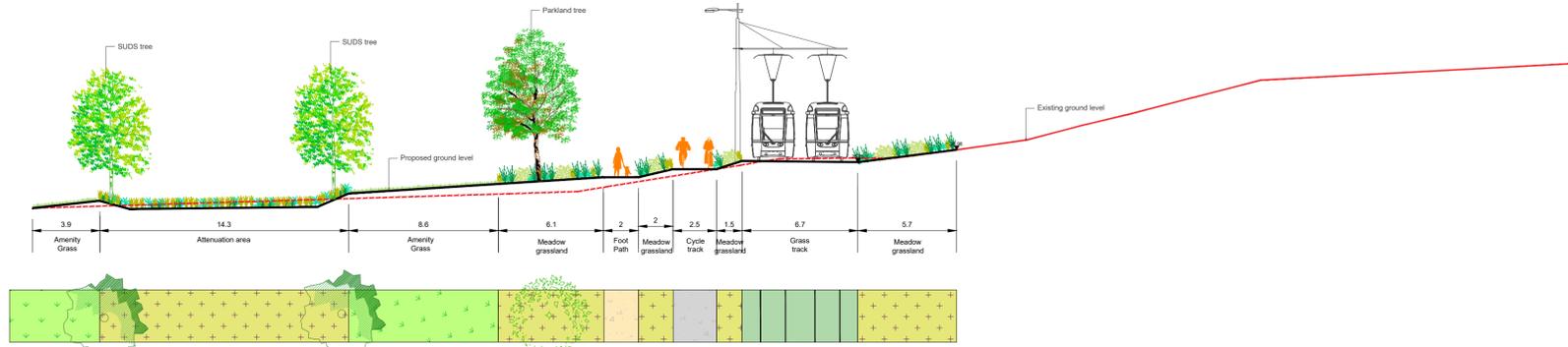
SUITABILITY REVISION: **A4 C01**



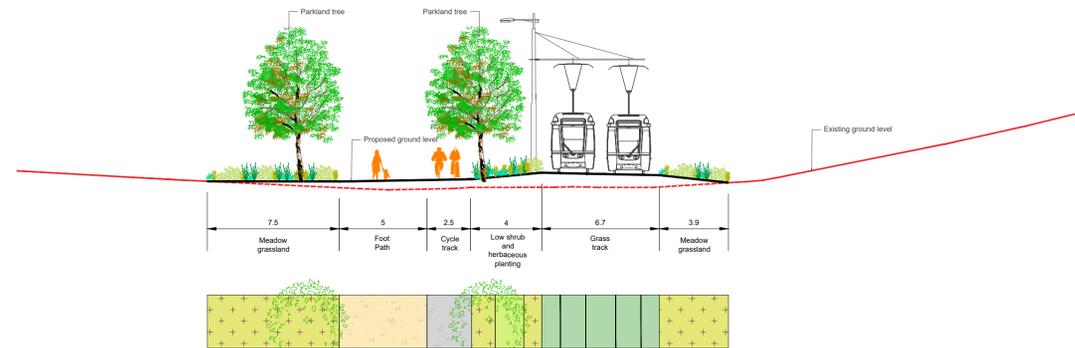
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



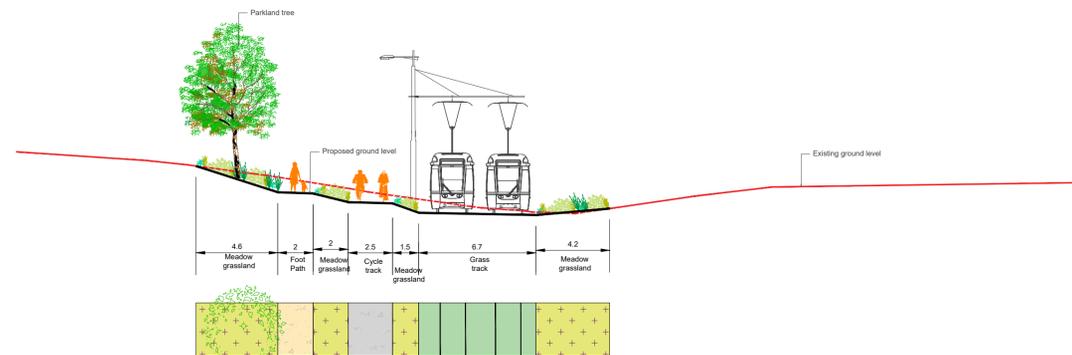
CROSS SECTION D-D TOLKA VALLEY PARK
SCALE 1:200



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
- 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
- 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
- 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

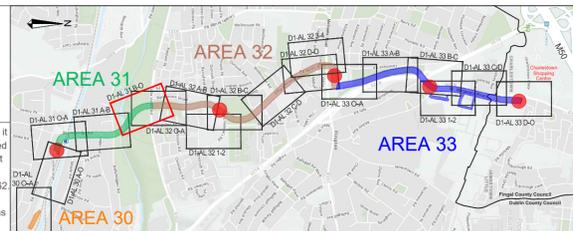
- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

FOR CROSS SECTION MARKINGS D, E, F AND G
REFER TO PLAN NO DL-AL-31-B-01

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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** (National Transport Authority)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

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

PROCUREMENT REF: **LDD101**

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

CHAINAGE / CORE AREA: **AREA 31**

BASE MODEL REF:

FILE NAME: **LDD101-BEV-GA-GZ31-XX-DR-AL-00107**

PLAN NUMBER: **D1-AL-31-B-0/2**

SUITABILITY REVISION: **A4 C01**



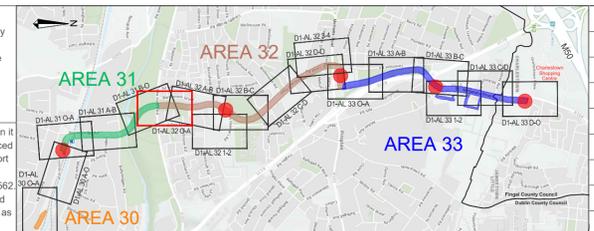
- | | | | | | |
|---|---|--|---|--|--|
| <p>Hard Landscape Treatments</p> <ul style="list-style-type: none"> Asphalt To carriageway Asphalt To trackform on carriageway Asphalt coloured coating To pedestrian priority zone on carriageway Granite setts paving To trackform on tram stop Cobble sett rumble 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 | <p>Soft Landscape Treatments</p> <ul style="list-style-type: none"> 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 Graville coping stone To tram stop platform edge Tactile stone paving To tram stop platform edge Gravel Beneath structure Natural river stone paving To anti-trespas feature Wheel trap To anti-vehicle feature | <p>Soft Landscape Treatments</p> <ul style="list-style-type: none"> 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 | <p>Street Furniture</p> <ul style="list-style-type: none"> 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 | <p>Tram Stop Furniture</p> <ul style="list-style-type: none"> Ticket vending machine Tram stop shelter Litter bin Tram info sign OCS & Lighting column Ticket validator Bus stop shelter | <p>Boundary Treatment</p> <ul style="list-style-type: none"> 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 |
|---|---|--|---|--|--|

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)

CONSULTANT: **BARRY TRANSPORTATION** and **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 32**

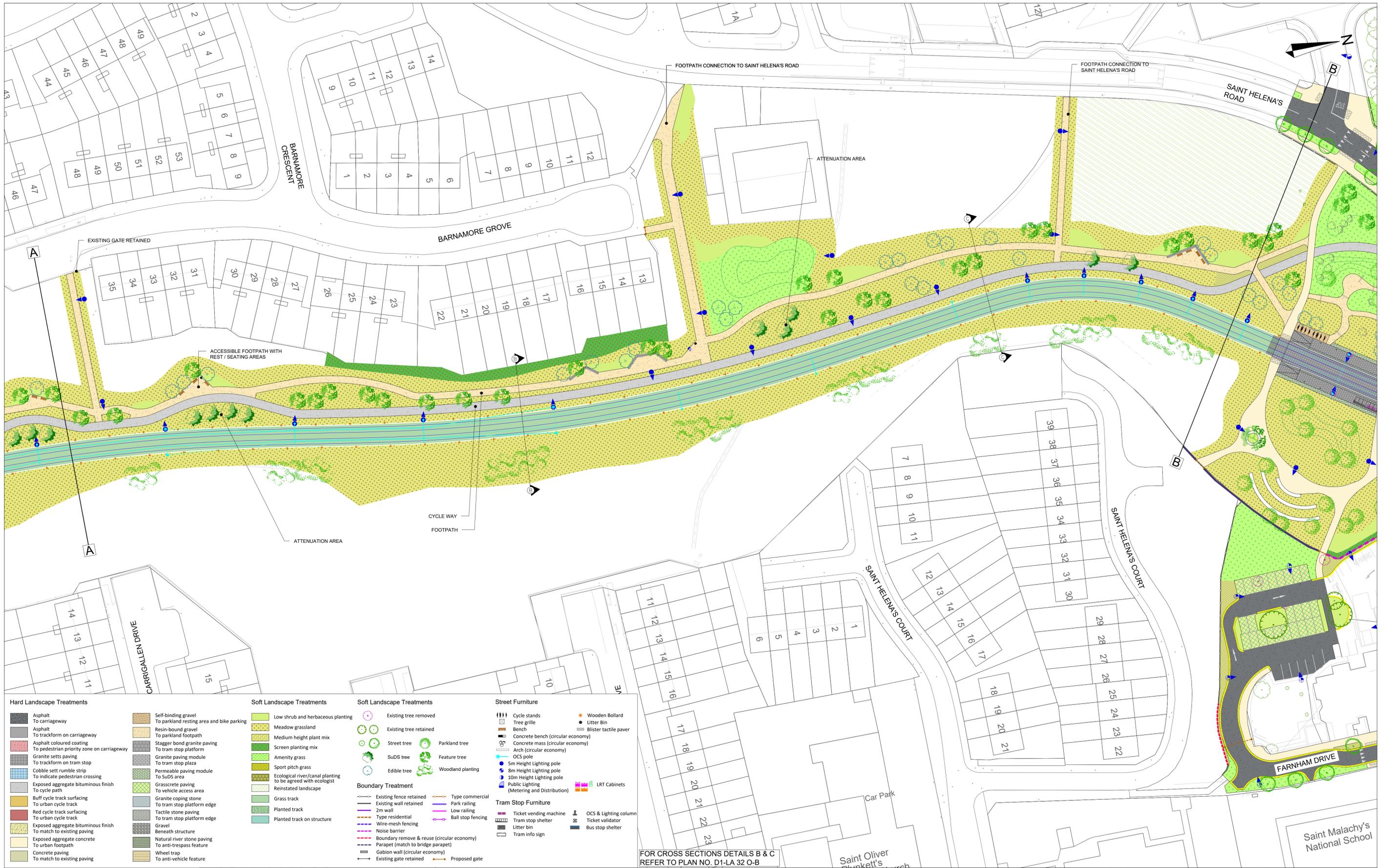
BASE MODEL REF:

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 REVISION: A4 C01



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 trackform on tram stop	Grasscrete paving	To vehicle access area	Screen planting mix	SuDS tree	Concrete bench (circular economy)	Concrete mass (circular economy)
Cobble sett rumble strip	To indicate pedestrian crossing	Grasscrete paving	To tram stop platform edge	Amenity grass	Edible tree	Arch (circular economy)	OCS pole
Exposed aggregate bituminous finish	To cycle path	Grasscrete paving	To tram stop platform edge	Sport pitch grass	Feature tree	5m Height Lighting pole	8m Height Lighting pole
Buff cycle track surfacing	To urban cycle track	Grasscrete paving	To tram stop platform edge	Ecological river/canal planting to be agreed with ecologist	Woodland planting	10m Height Lighting pole	Public Lighting (Metering and Distribution)
Red cycle track surfacing	To urban cycle track	Grasscrete paving	To tram stop platform edge	Reinstated landscape	Boundary Treatment	Public Lighting (Metering and Distribution)	LRT Cabinets
Exposed aggregate bituminous finish	To match to existing paving	Grasscrete paving	To tram stop platform edge	Grass track	Existing fence retained	Ticket vending machine	OCS & Lighting column
Exposed aggregate concrete	To urban footpath	Grasscrete paving	To tram stop platform edge	Planted track	Existing wall retained	Tram stop shelter	Ticket validator
Concrete paving	To match to existing paving	Grasscrete paving	To tram stop platform edge	Planted track on structure	2m wall	Litter bin	Bus stop shelter
		Grasscrete paving	To tram stop platform edge		Type residential	Tram info sign	
		Grasscrete paving	To tram stop platform edge		Wire-mesh fencing		
		Grasscrete paving	To tram stop platform edge		Noise barrier		
		Grasscrete paving	To tram stop platform edge		Boundary remove & reuse (circular economy)		
		Grasscrete paving	To tram stop platform edge		Parapet (match to bridge parapet)		
		Grasscrete paving	To tram stop platform edge		Gabion wall (circular economy)		
		Grasscrete paving	To tram stop platform edge		Existing gate retained		
		Grasscrete paving	To tram stop platform edge		Proposed gate		
		Grasscrete paving	To tram stop platform edge				

FOR CROSS SECTIONS DETAILS B & C REFER TO PLAN NO. D1-LA 32 0-B

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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: LUAS FINGLAS

CLIENT: TII

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

PROCUREMENT REF: LDD101

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

CHAINAGE / CORE AREA: AREA 32

BASE MODEL REF:

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

PLAN NUMBER: D1-LA 32 A-B

SUITABILITY REVISION: A4 C01



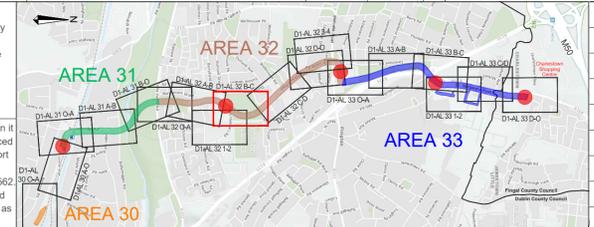
FOR CROSS SECTIONS DETAILS D,E & F
SEE PLAN NO. D1-LA 32 B-C/2

Hard Landscape Treatments	Soft Landscape Treatments	Soft Landscape Treatments	Street Furniture	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 trackform on tram stop Permeable paving module To SUDS area Grasscrete paving To vehicle access area Granite coping stone To tram stop platform edge Tactile stone paving To urban cycle track Gravel Beneath structure Natural river stone paving To anti-trespass feature Concrete paving To anti-vehicle feature 	<ul style="list-style-type: none"> 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 on structure 	<ul style="list-style-type: none"> Existing tree removed Existing tree retained Street tree SUDS tree Edible tree Parkland tree Feature tree Woodland planting 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 	<ul style="list-style-type: none"> 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) LRT Cabinets Tram Stop Furniture Ticket vending machine Tram stop shelter Litter bin Tram info sign Wooden Bollard Litter Bin Blister tactile paver Concrete bench (circular economy) Blister tactile paver OCS pole 5m Height Lighting pole 8m Height Lighting pole 10m Height Lighting pole Public Lighting (Metering and Distribution) LRT Cabinets Ticket vending machine Tram stop shelter Litter bin Tram info sign Wooden Bollard Litter Bin Blister tactile paver 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** and **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**

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-AL 32 B-C/1**

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

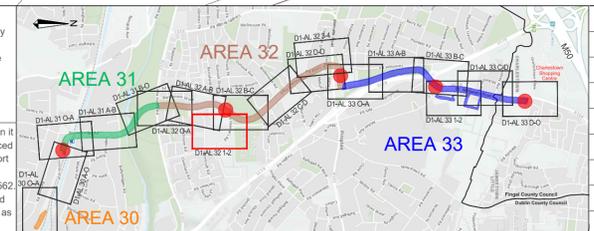
- ### Street Furniture
- Cycle stands
 - Tree grille
 - Bench
 - Concrete bench (circular economy)
 - Concrete mass (circular economy)
 - Arch (circular economy)
 - OCS poles
 - 5m Lantern mounting height
 - 8m Lantern mounting height
 - 10m Lantern mounting height
 - Public Lighting (Metering and Distribution)
 - 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	2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED
P02	2024-06-13	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)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

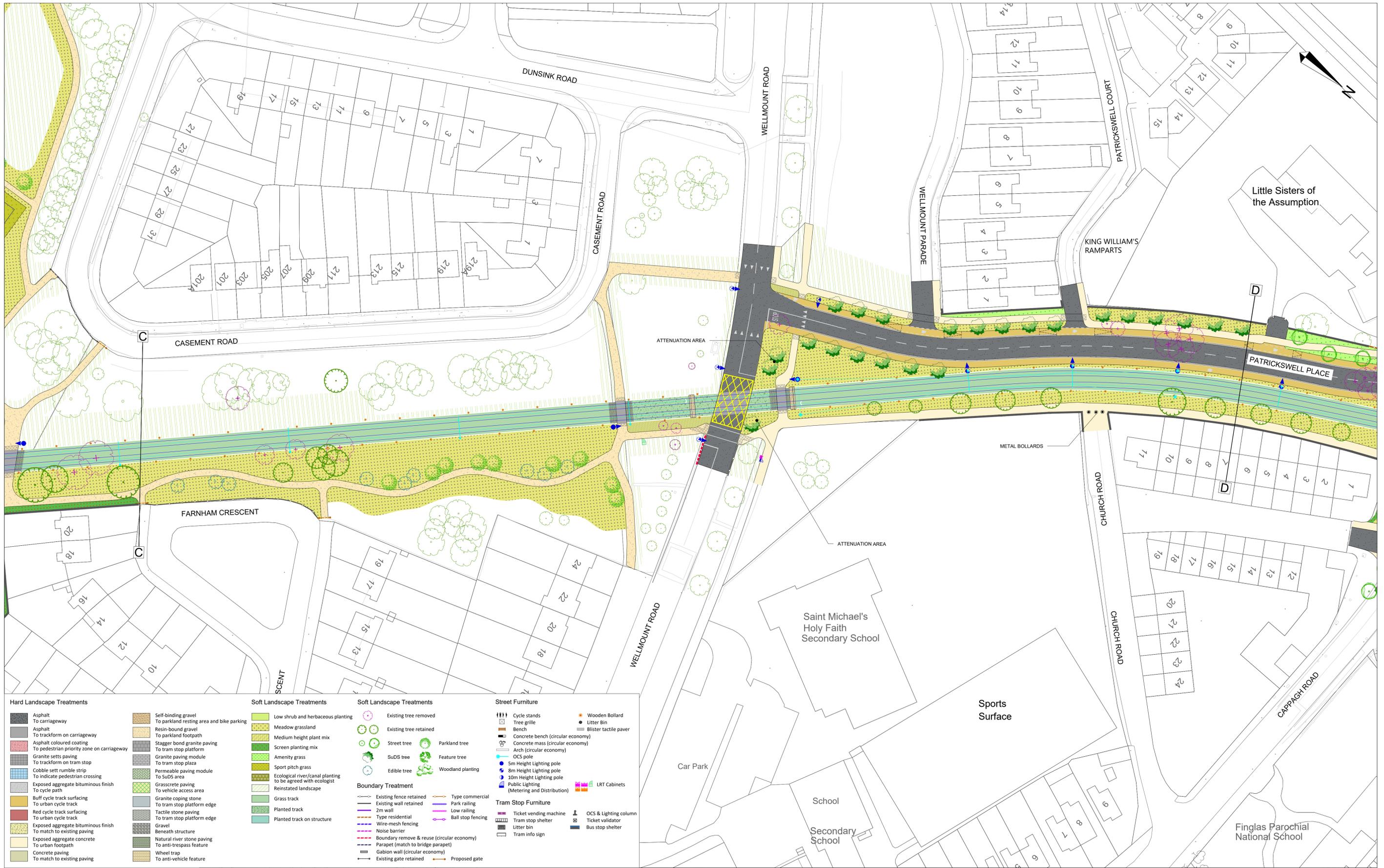
CHAINAGE / CORE AREA: **AREA 32**

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
- Asphalt to carriageway
- Asphalt to trackform on carriageway
- Asphalt coloured coating
- Asphalt 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
- To SuDS area
- Grasscrete paving
- To vehicle access area
- Grass 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
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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
- Proposed gate
- Type commercial
- Park railing
- Low railing
- Ball stop fencing

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P01	2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED
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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: LUAS FINGLAS

CLIENT: TII

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

PROCUREMENT REF: LDD101

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

CHAINAGE / CORE AREA: AREA 32

BASE MODEL REF:

FILE NAME: LDD101-BEV-GA-GZ32-XX-DR-AL-00104

PLAN NUMBER: D1-AL 32 C-D

SUITABILITY REVISION: A4 C01



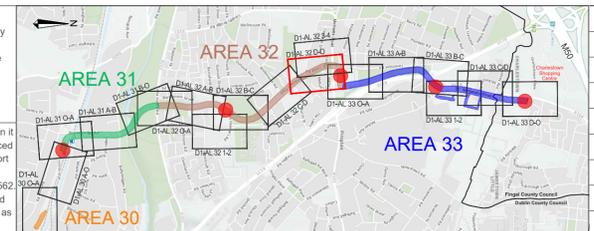
- | | | | | | |
|--|---|---|---|--|--|
| Hard Landscape Treatments
<ul style="list-style-type: none"> Asphalt To carriageway Asphalt To trackform on carriageway Asphalt coloured coating To pedestrian priority zone on carriageway Grasscrete paving To trackform on tram stop Cobble sett rumble strip To 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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> Ticket vending machine Tram stop shelter Litter bin Tram info sign OCS & Lighting column Ticket validator Bus stop shelter | Boundary Treatment
<ul style="list-style-type: none"> 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 |
|--|---|---|---|--|--|

FOR CROSS SECTION G DETAILS REFER TO PLAN NO D1-AL 32 D-O/2

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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

PROJECT: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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 32**

BASE MODEL REF:

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

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

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

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

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

PROJECT: **LUAS FINLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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 FINLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101**

CHAINAGE / CORE AREA: **AREA 32**

BASE MODEL REF.

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE ARRANGEMENT CARDIFF CASTLE ROAD TO FINGLASWOOD ROAD**

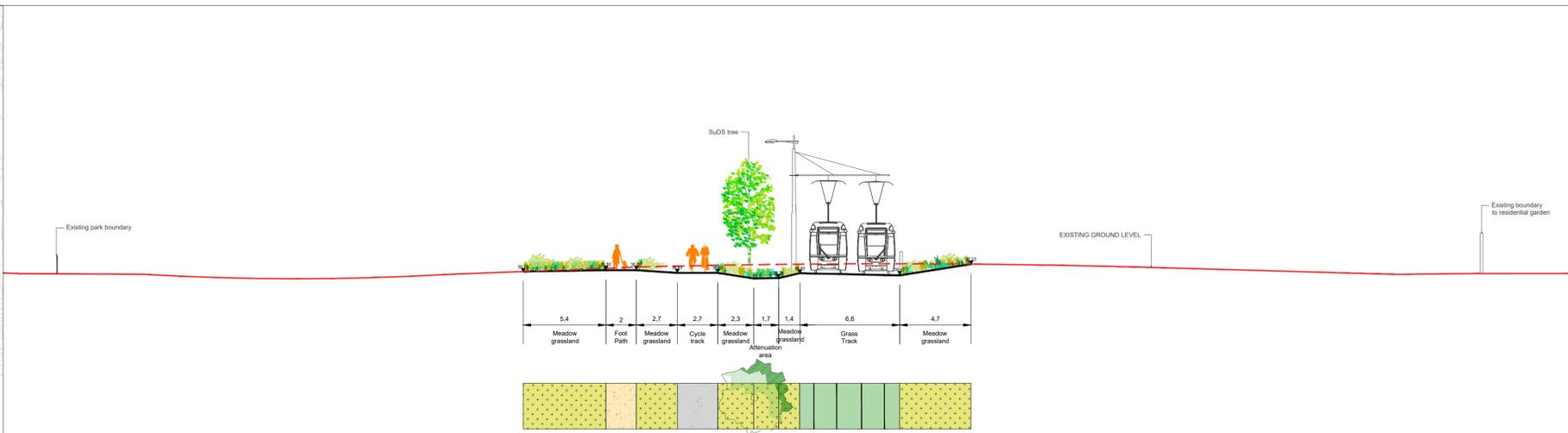
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PLAN NUMBER: D1-AL 32 3-4

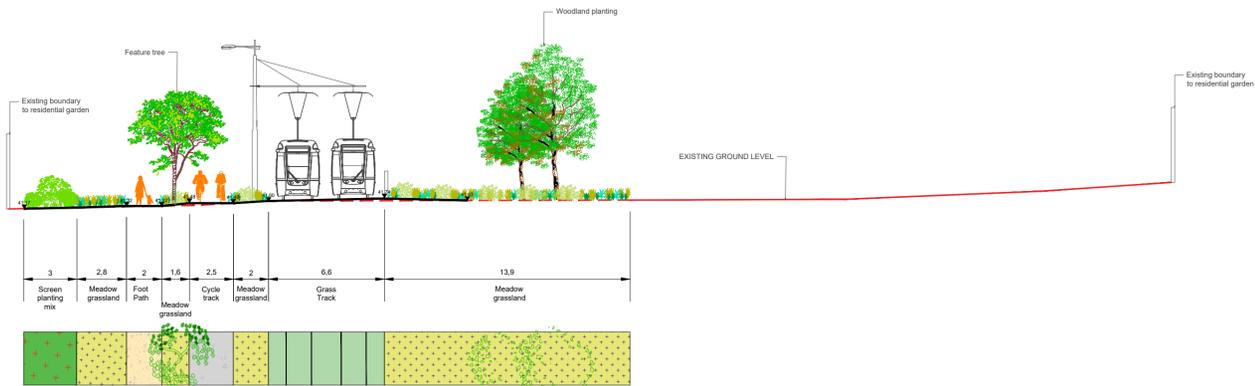
SUITABILITY REVISION: A4 C01



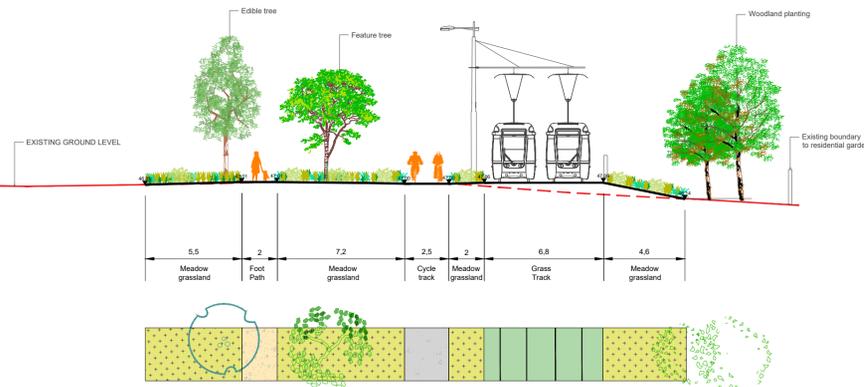
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



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-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

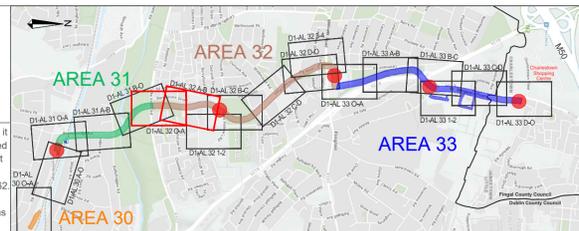
- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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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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** and **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**

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

PROCUREMENT REF: **LDD101**

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE CROSS SECTIONS ST HELENA'S PARK**

CHAINAGE / CORE AREA: **AREA 32**

BASE MODEL REF:

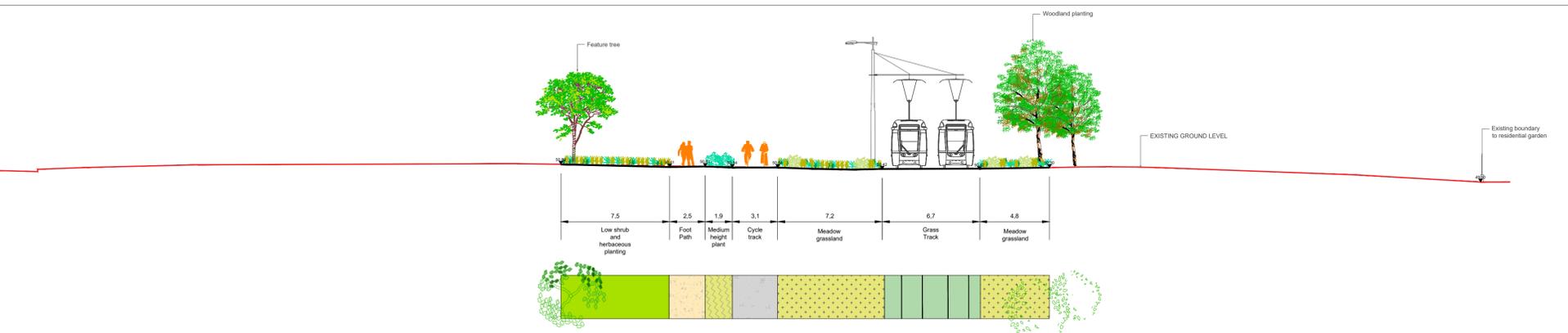
FILE NAME: **LDD101-BEV-GA-GZ32-XX-DR-AL-00107**

PLAN NUMBER: **D1-AL 32 O-B**

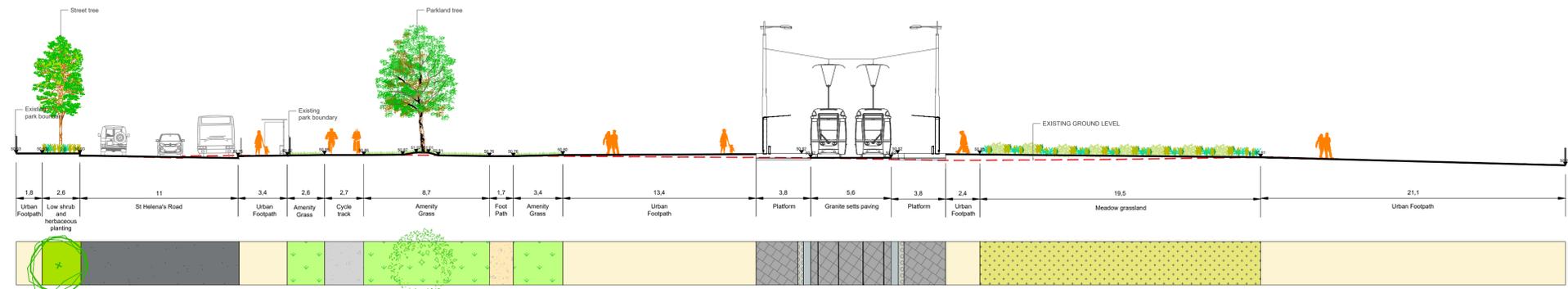
SUITABILITY REVISION: **A4 C01**



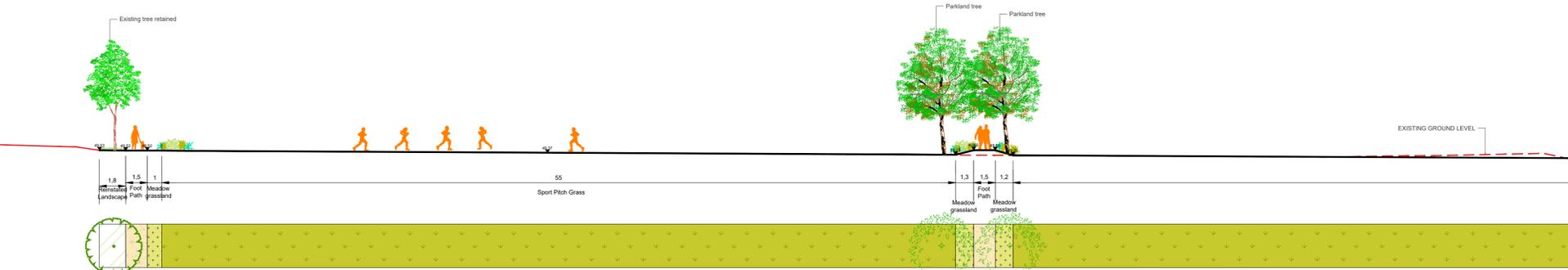
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



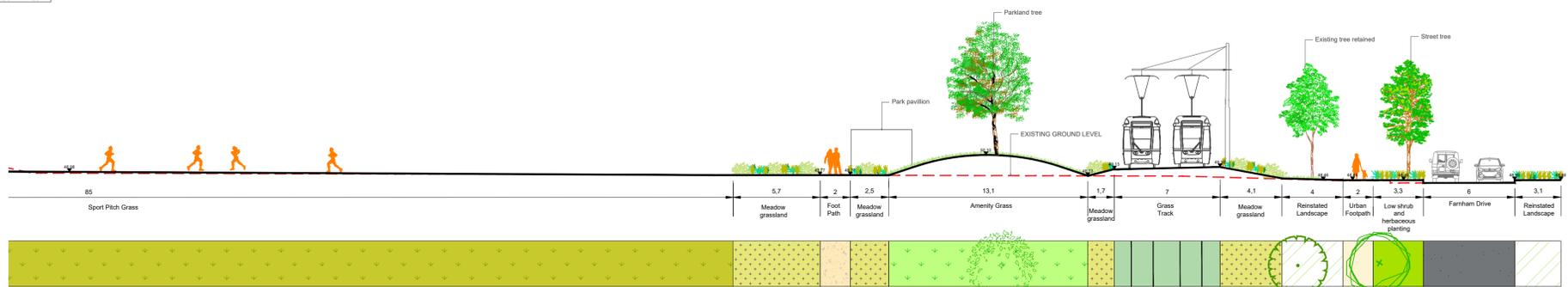
CROSS SECTION D-D ST. HELENA'S PARK
SCALE 1:200



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 urban footpath
 - 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
 - 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

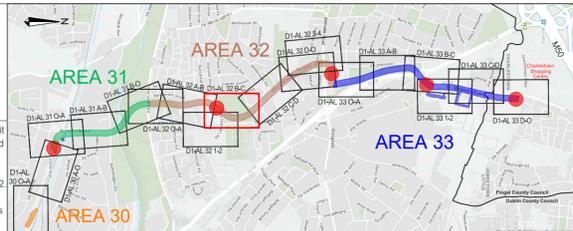
- ### Street Furniture
- Cycle stands
 - Tree grille
 - Bench
 - Concrete bench (circular economy)
 - Concrete mass (circular economy)
 - Arch (circular economy)
 - OCS poles
 - 5m Lantern mounting height
 - 8m Lantern mounting height
 - 10m Lantern mounting height
 - Public Lighting (Metering and Distribution)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

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

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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: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

AUTHORITY: **NTA** (National Transport Authority)

CONSULTANT: **BARRY TRANSPORTATION** and **egis**

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

SCALES: **1:200 @ A1** | DRAWING STATUS: **Planning**

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

PROCUREMENT REF: **LDD101**

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE CROSS SECTIONS ST HELENA'S AND FARNHAM PITCH**

CHAINAGE / CORE AREA: **AREA 32**

BASE MODEL REF:

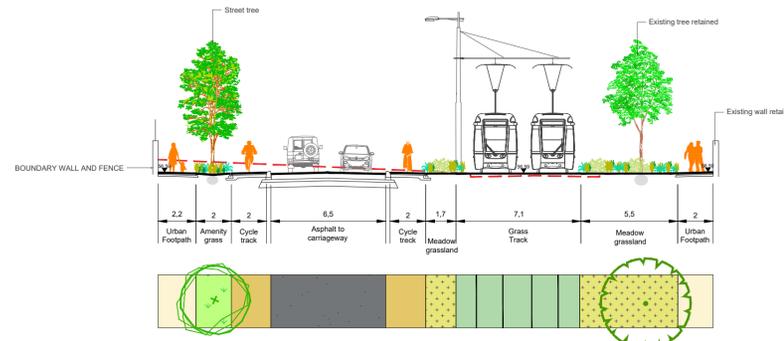
FILE NAME: **LDD101-BEV-GA-GZ32-XX-DR-AL-00108**

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

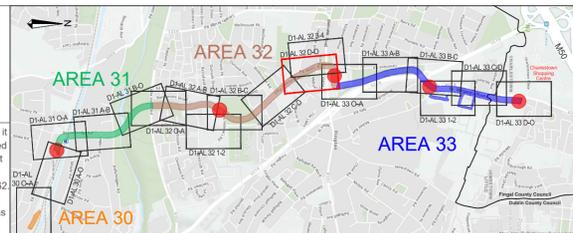
- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

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

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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: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

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

PROCUREMENT REF: **LDD101**

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

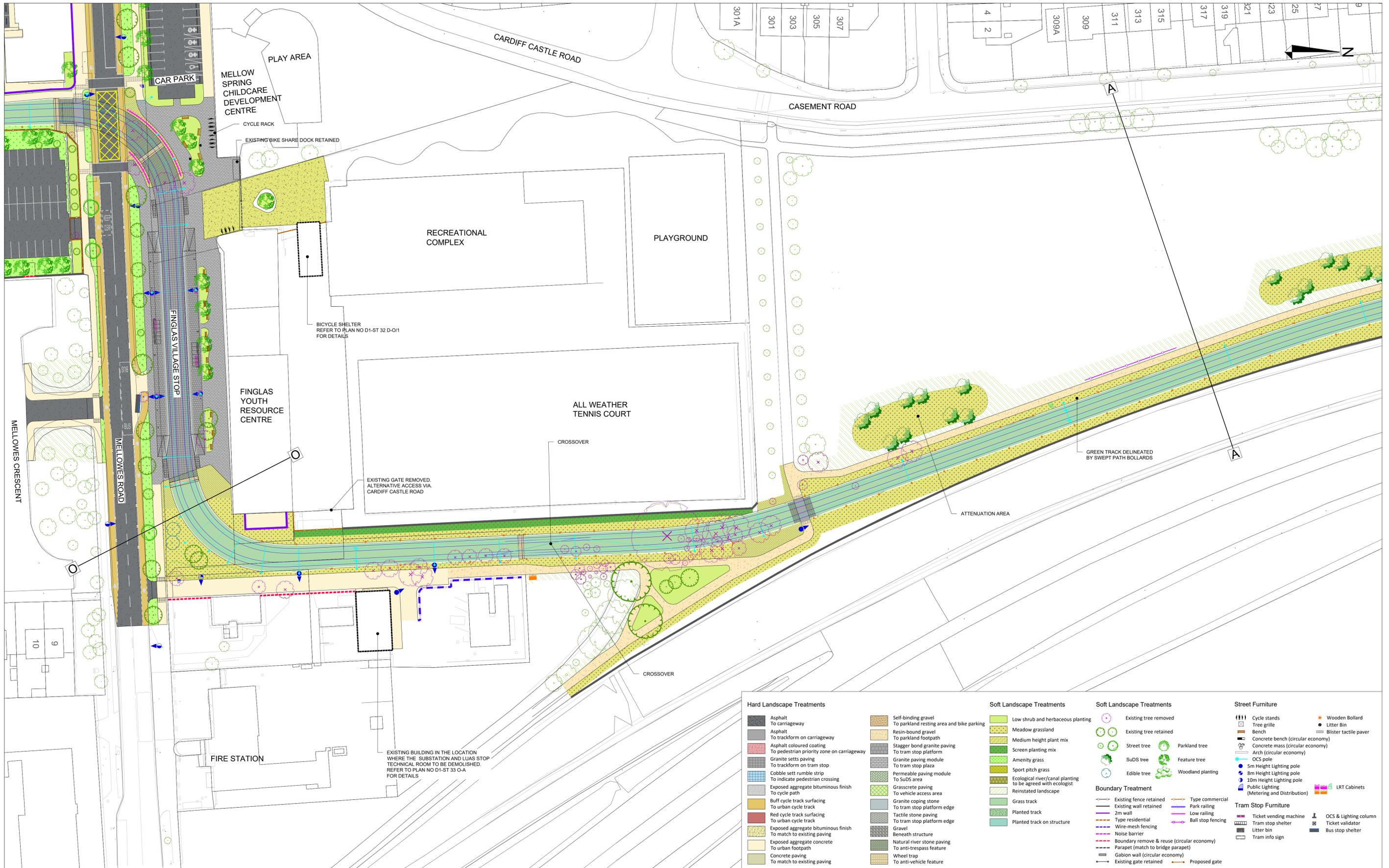
CHAINAGE / CORE AREA: **AREA 32**

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**

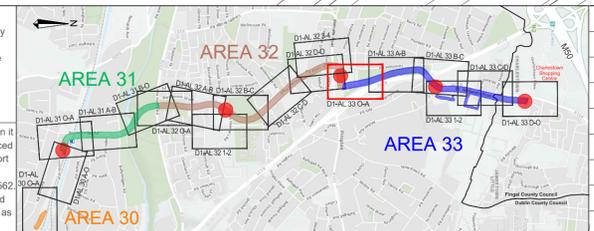


Hard Landscape Treatments	Soft Landscape Treatments	Soft Landscape Treatments	Street Furniture
<ul style="list-style-type: none"> Asphalt Asphalt To parkland resting area and bike parking Asphalt To trackform on carriageway Asphalt coloured coating Asphalt priority zone on carriageway Granite setts paving Cobble sett rumble strip Exposed aggregate bituminous finish Buff cycle track surfacing Red cycle track surfacing Exposed aggregate bituminous finish Exposed aggregate concrete Concrete paving 	<ul style="list-style-type: none"> Self-binding gravel Resin-bound gravel Stagger bond granite paving Granite paving module Permeable paving module Gravel Gravel Natural river stone paving Wheel trap 	<ul style="list-style-type: none"> Low shrub and herbaceous planting Meadow grassland Medium height plant mix Screen planting mix Amenity grass Sport pitch grass Ecological river/canal planting Reinstated landscape Grass track Planted track Planted track on structure 	<ul style="list-style-type: none"> Existing tree removed Existing tree retained Street tree SuDS tree Edible tree Woodland planting
<ul style="list-style-type: none"> Asphalt Asphalt To trackform on carriageway Asphalt coloured coating Asphalt priority zone on carriageway Granite setts paving Cobble sett rumble strip Exposed aggregate bituminous finish Buff cycle track surfacing Red cycle track surfacing Exposed aggregate bituminous finish Exposed aggregate concrete Concrete paving 	<ul style="list-style-type: none"> Self-binding gravel Resin-bound gravel Stagger bond granite paving Granite paving module Permeable paving module Gravel Gravel Natural river stone paving Wheel trap 	<ul style="list-style-type: none"> Low shrub and herbaceous planting Meadow grassland Medium height plant mix Screen planting mix Amenity grass Sport pitch grass Ecological river/canal planting Reinstated landscape Grass track Planted track Planted track on structure 	<ul style="list-style-type: none"> Existing tree removed Existing tree retained Street tree SuDS tree Edible tree Woodland planting

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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: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

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
- 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
- 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
- LRT Cabinets

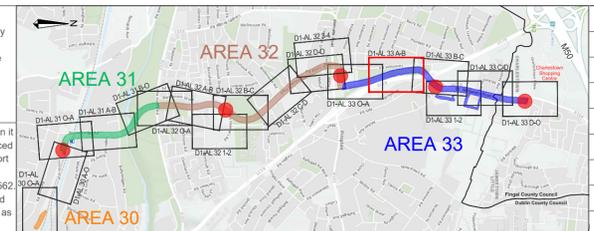
Tram Stop Furniture

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

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C01	2024-10-15	FOR RAILWAY ORDER	FB	MG	ED

PROJECT: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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 33**

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE ARRANGEMENT MELLOWES PARK**

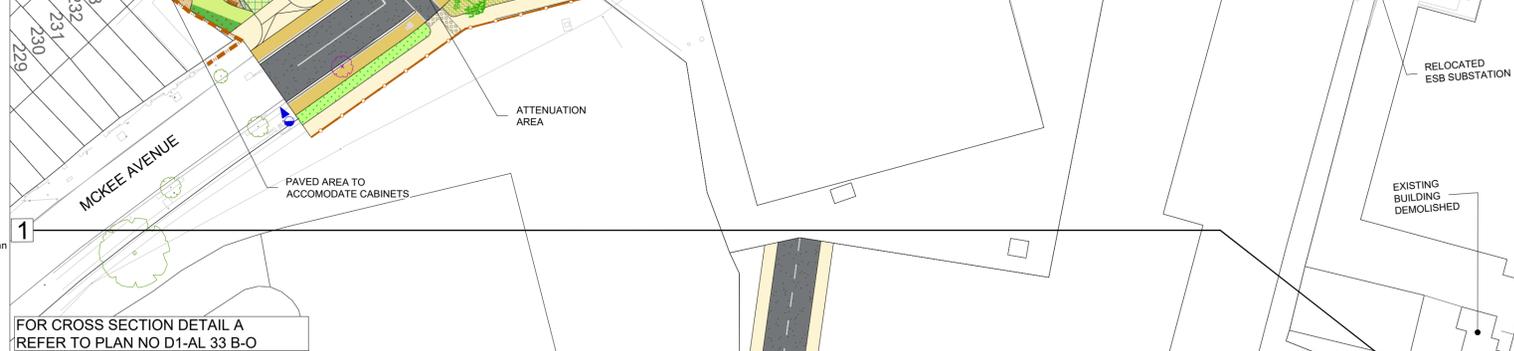
FILE NAME: **LDD101-BEV-GA-GZ33-XX-DR-AL-00102**

PLAN NUMBER: **D1-AL 33 A-B**

SUITABILITY REVISION: **A4 C01**



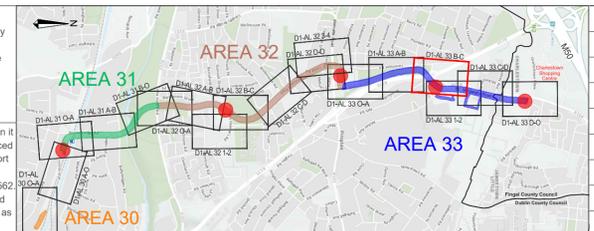
- | | | | | | |
|---|---|--|--|--|--|
| Hard Landscape Treatments
<ul style="list-style-type: none"> Asphalt To carriageway Asphalt To trackform on carriageway Asphalt coloured coating To pedestrian priority zone on carriageway Granite setts paving To trackform on tram stop Cobble sett rumble strip To 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
<ul style="list-style-type: none"> 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 Gravel Beneath structure Natural river stone paving To anti-trespass feature Wheel trap To anti-vehicle feature | Soft Landscape Treatments
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> Existing tree removed Existing tree retained Street tree SuDS tree Edible tree Parkland tree Feature tree Woodland planting | Street Furniture
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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	2024-03-20	FIRST DRAFT FOR REVIEW	MG	FB	ED
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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: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

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 33**

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 REVISION: **A4 C01**

Hard Landscape Treatments

- Asphalt
- Asphalt To trackform on carriageway
- Asphalt To trackform on pedestrian priority zone on carriageway
- Granite setts paving
- Granite paving module
- Cobble sett rumble strip
- Exposed aggregate bituminous finish
- Buff cycle track surfacing
- Red cycle track surfacing
- Exposed aggregate bituminous finish
- Exposed aggregate concrete
- Concrete paving

Soft Landscape Treatments

- Self-binding gravel
- Resin-bound gravel
- Stagger bond granite paving
- Permeable paving module
- Grasscrete paving
- Grasscrete paving To vehicle access area
- Gravel
- Natural river stone paving
- Concrete paving

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

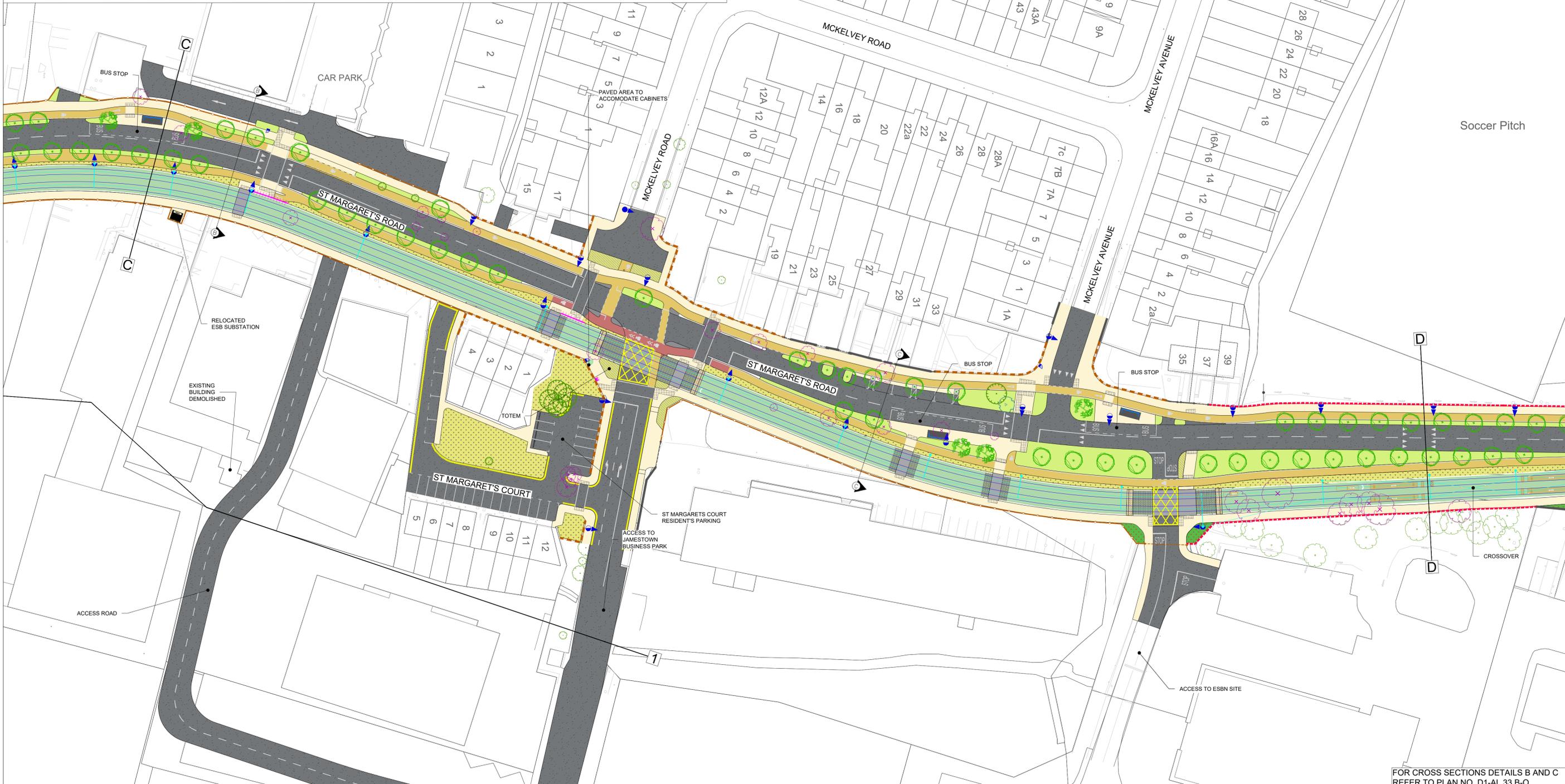
- Existing fence retained
- Existing wall retained
- 2m wall
- Type residential
- Wire-mesh fencing
- Noise barrier
- Boundary remove & reuse (circular economy)
- Parapet (match to bridge parapet)
- Gabion wall (circular economy)
- Existing gate retained
- Proposed gate

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
- OCS & Lighting column
- Ticket validator
- Bus stop shelter

Tram Stop Furniture

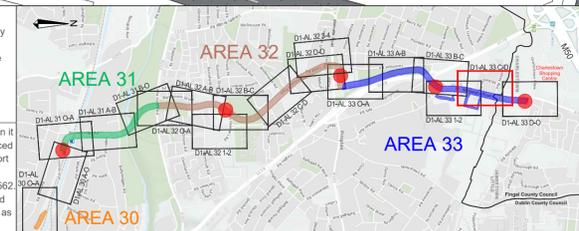
- Ticket vending machine
- Tram stop shelter
- Litter bin
- Tram info sign



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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: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

PROCUREMENT REF: **LDD101**

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 B AND C REFER TO PLAN NO. D1-AL 33 B-O



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

Hard Landscape Treatments	Soft Landscape Treatments	Soft Landscape Treatments	Street Furniture	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Existing tree removed Existing tree retained Street tree SuDS tree Edible tree 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 	<ul style="list-style-type: none"> 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) LRT Cabinets Wooden Bollard Litter Bin Blister tactile paver Concrete mass (circular economy) Concrete mass (circular economy) 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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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** and **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**

BASE MODEL REF:

DRAWING TITLE: **RAILWAY ORDER LANDSCAPE ARRANGEMENT CHARLESTOWN STOP**

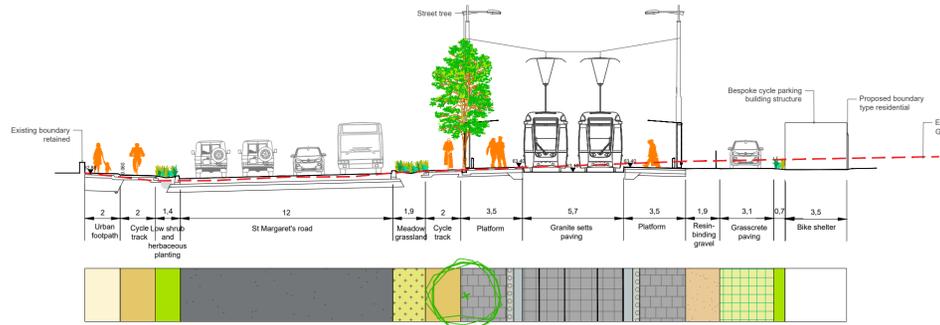
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PLAN NUMBER: **D1-AL 33 D-O**

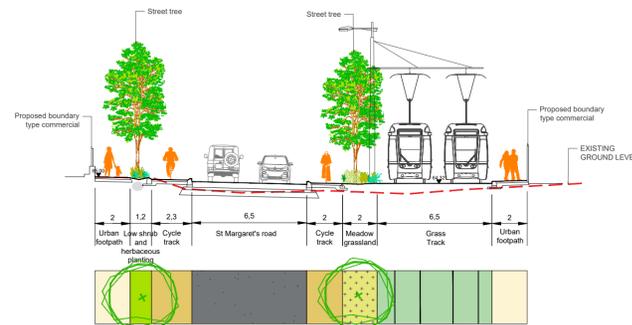
SUITABILITY REVISION: **A4 C01**



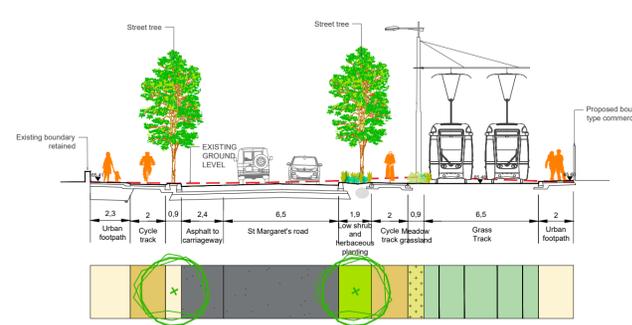
SECTION LOCATION KEY PLAN
NOT TO SCALE (NTS)



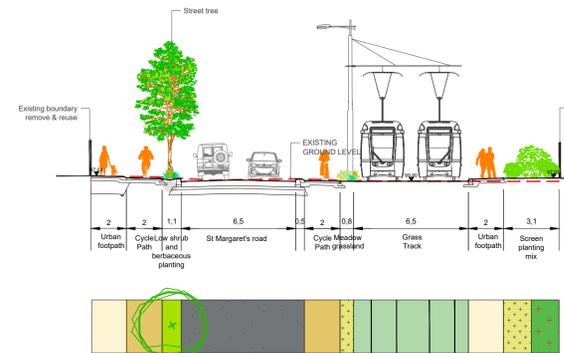
CROSS SECTION A-A ST. MARGARET'S LUAS STOP
SCALE 1:200



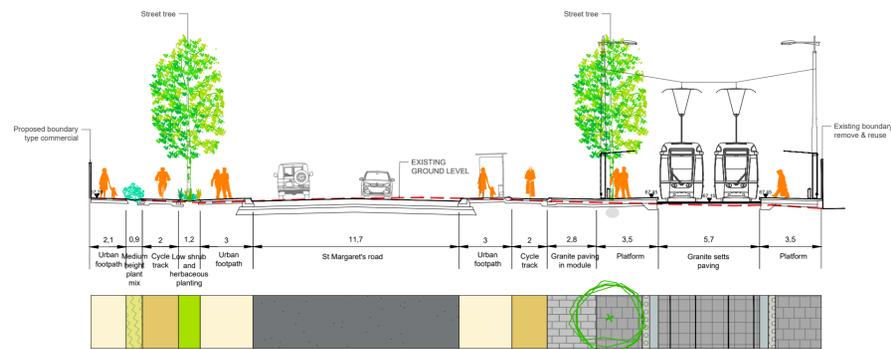
CROSS SECTION B-B ST. MARGARET'S ROAD
SCALE 1:200



CROSS SECTION C-C ST. MARGARET'S ROAD
SCALE 1:200



CROSS SECTION D-D ST. MARGARET'S ROAD
SCALE 1:200



CROSS SECTION E-E CHARLESTOWN LUAS STOP
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-tress feature
- Wheel trap To anti-vehicle feature

Soft Landscape Treatments

- Existing tree removed
- Existing tree retained
- Street tree
- SuDS tree
- Edible tree
- 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
- 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
- Proposed gate
- Type commercial
- Park railing
- Low railing
- Ball stop fencing

Street Furniture

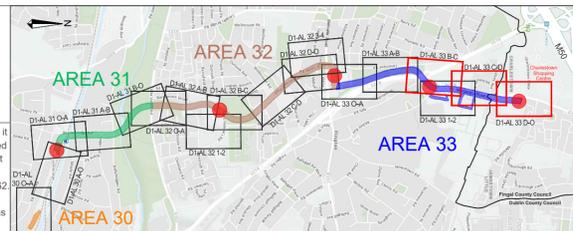
- Cycle stands
- Tree grille
- Bench
- Concrete bench (circular economy)
- Concrete mass (circular economy)
- Arch (circular economy)
- OCS poles
- 5m Lantern mounting height
- 8m Lantern mounting height
- 10m Lantern mounting height
- Public Lighting (Metering and Distribution)
- LRT Cabinets
- Wooden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

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PROJECT: **LUAS FINGLAS**

CLIENT: **TII** (Transport Infrastructure Ireland)

AUTHORITY: **NTA** (National Transport Authority)

CONSULTANT: **BARRY TRANSPORTATION** and **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**

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

CHAINAGE / CORE AREA: **AREA 33**

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 REVISION: **A4 C01**