Luas Finglas

Railway Order Drawings 2024 Landscape Book













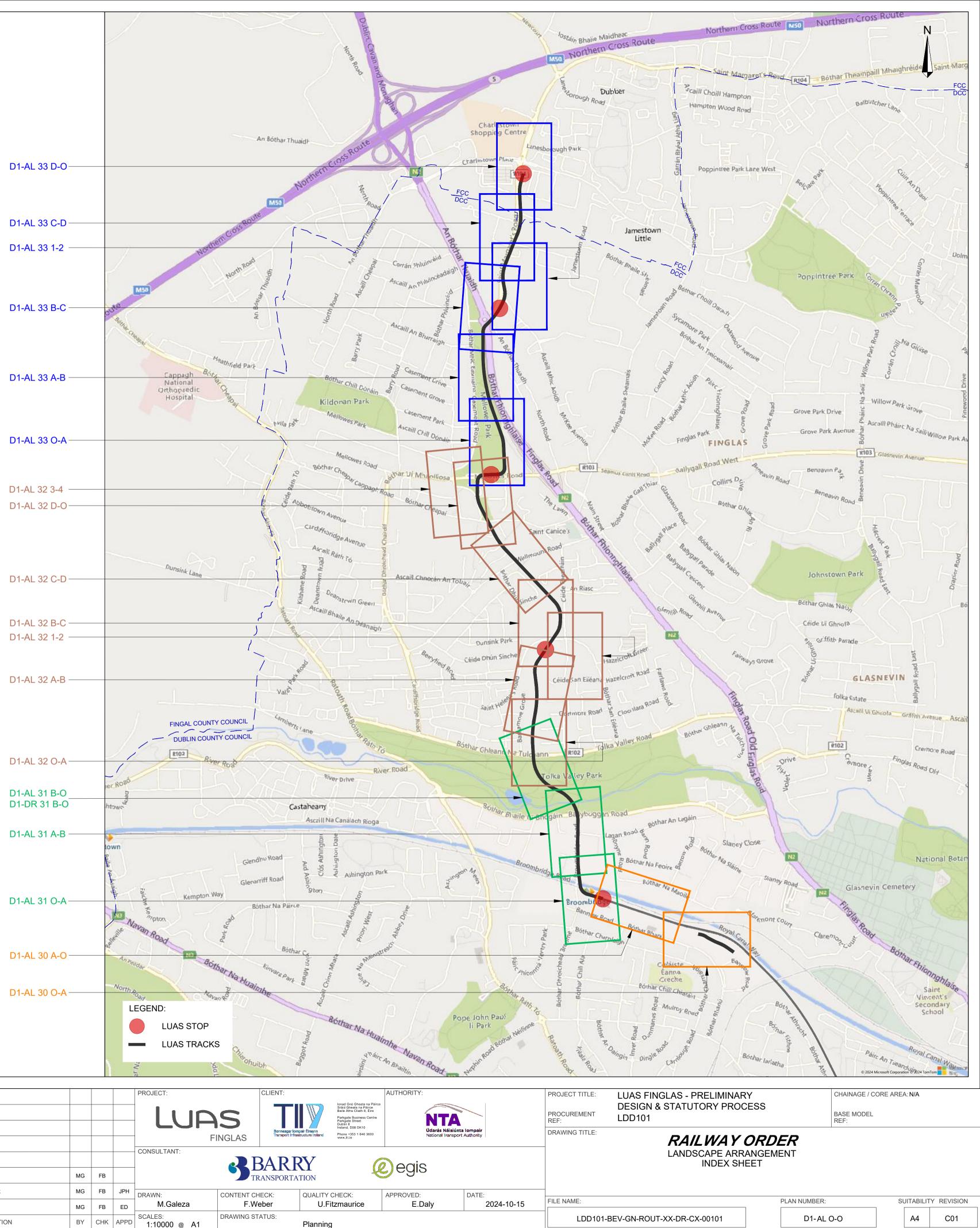
**Project Ireland 2040** Building Ireland's Future

		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 Mellowes 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	Mellowes Road to Mellowes Park
33	D1-AL 33 A-B	LDD101-BEV-GA-GZ33-XX-DR-AL-00102	Mellowes Park
33	D1-AL 33 B-C	LDD101-BEV-GA-GZ33-XX-DR-AL-00103	Mellowes 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

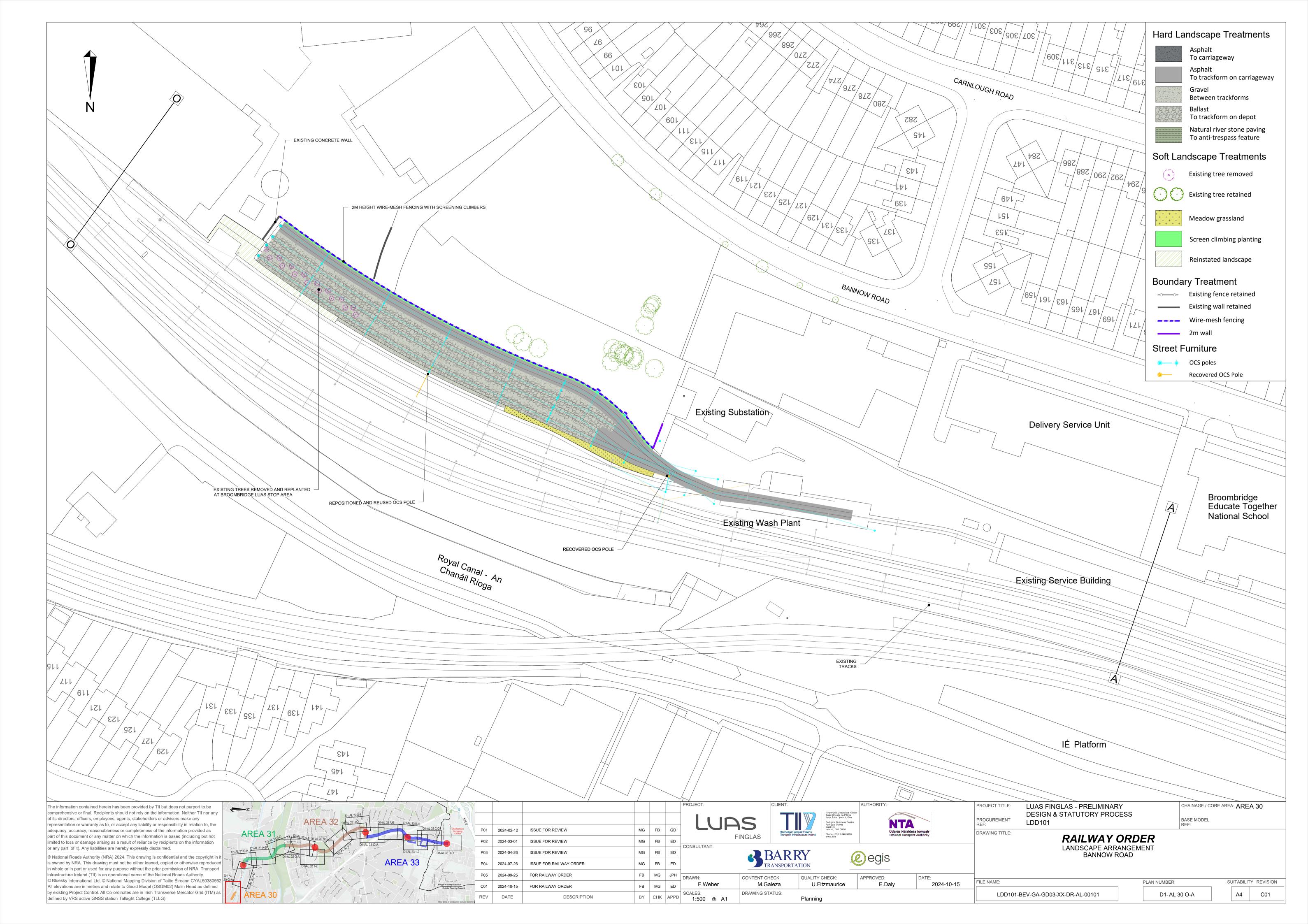
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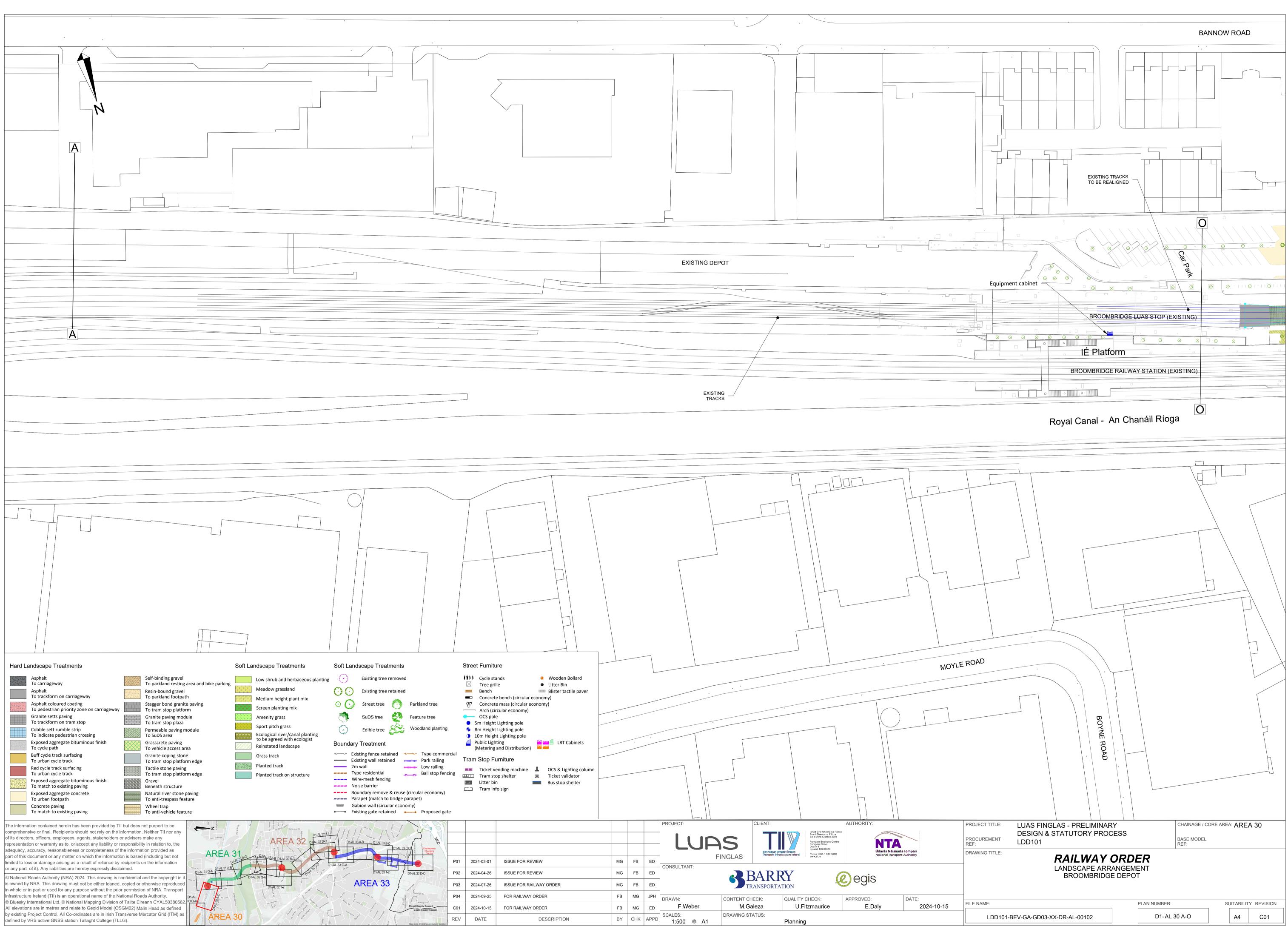
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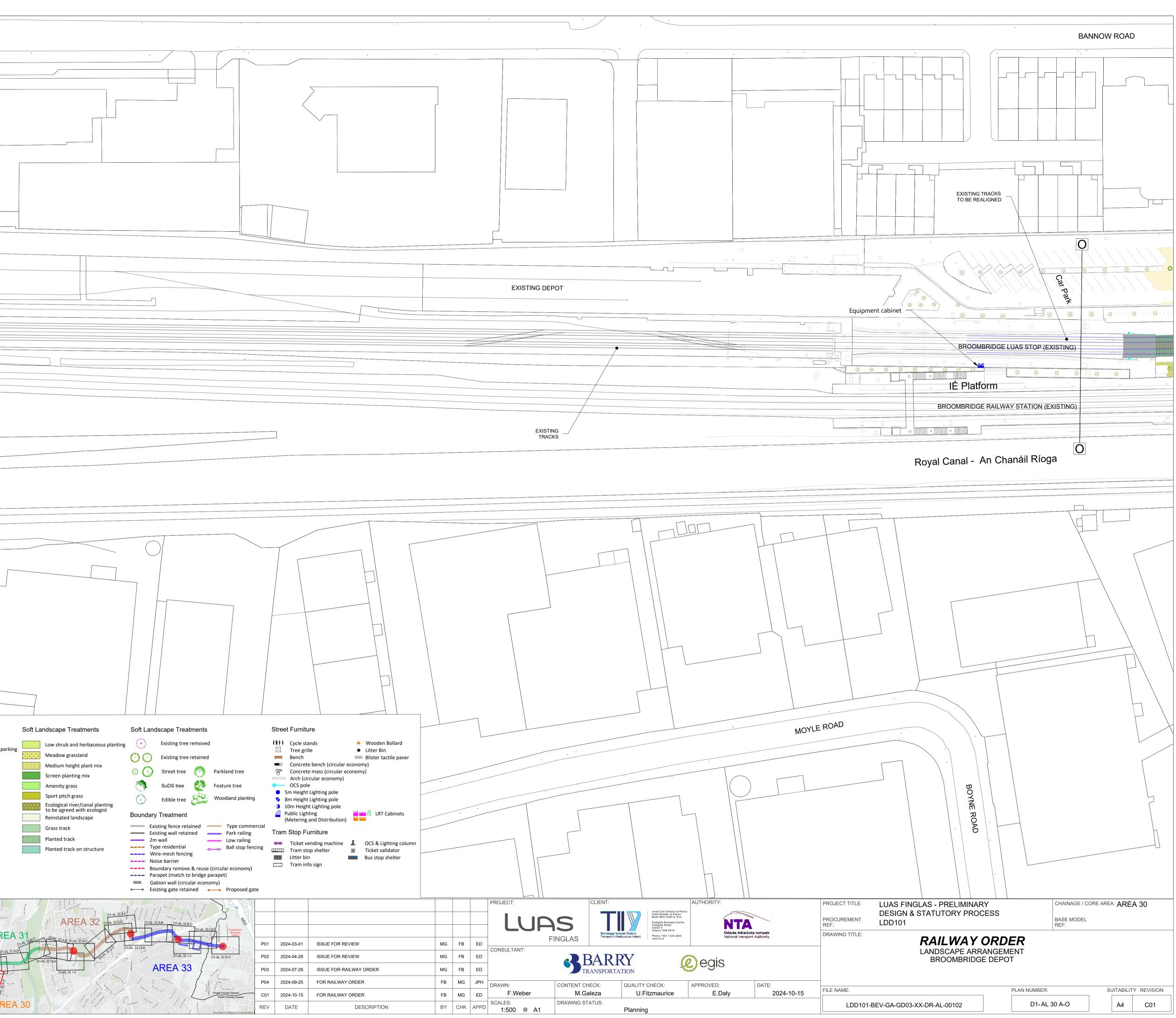
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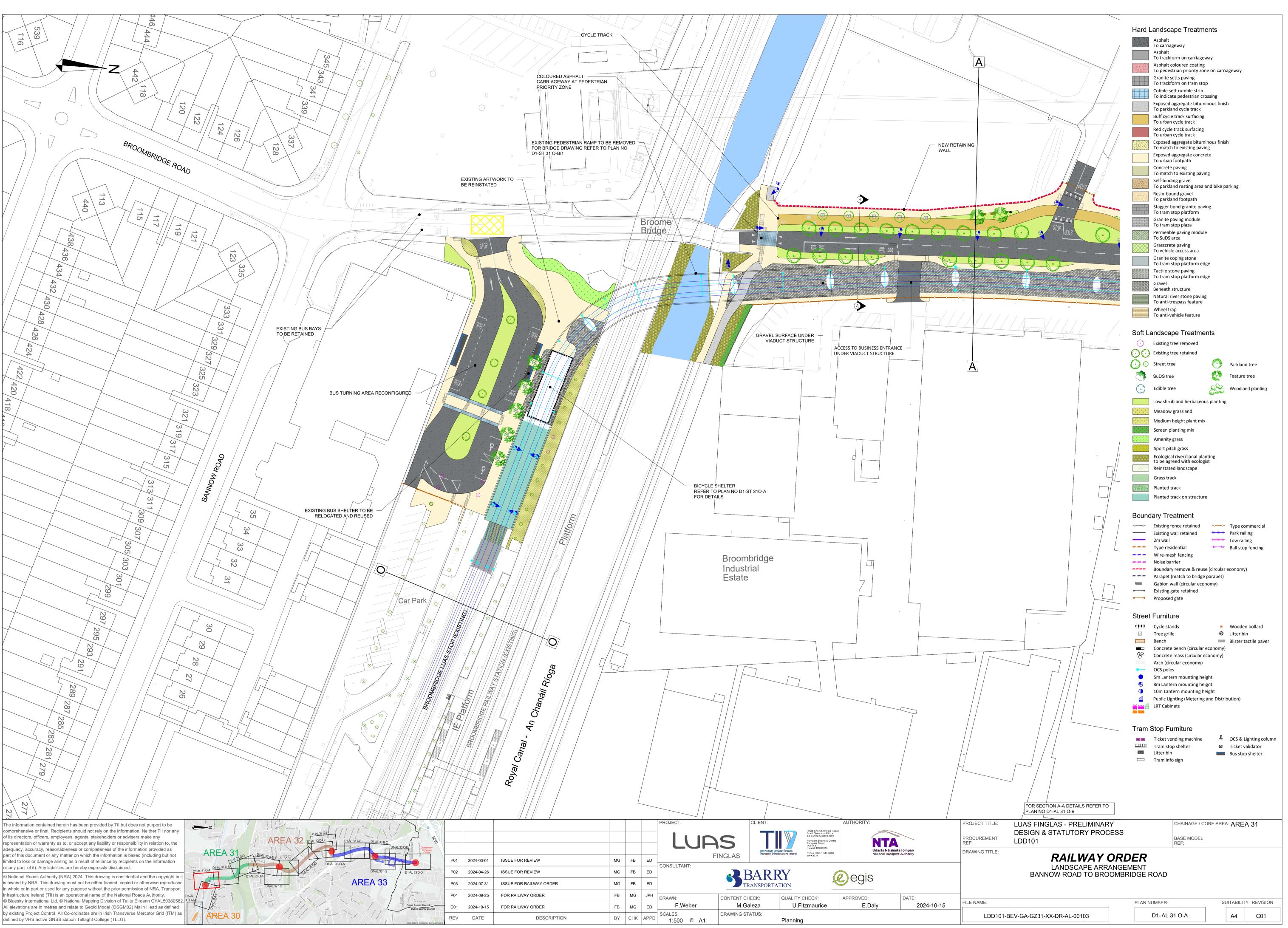


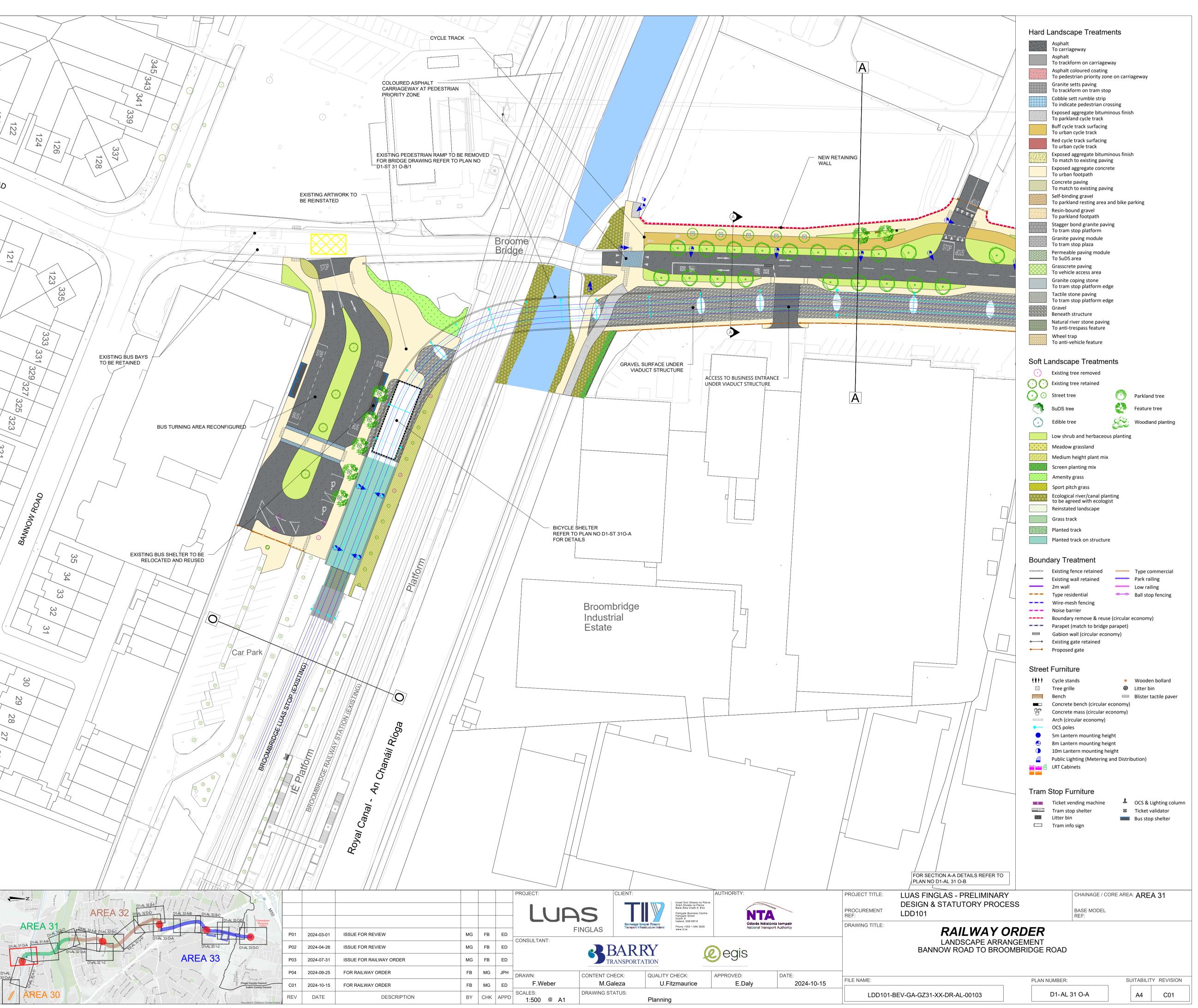
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					LUF	<b>AS</b> FINGLAS	Bonneagar lompair Éireann Transport Infrestructure Irele	Parkgate Street Dublin 8 Ireland D08 DK10	<b>NT</b> Údarás Ná	isiúnta lompair nsport Authority	PROCU REF: DRAWIN
2024-04-18	FIRST DRAFT FOR ISSUE	MG	FB		CONSULTANT:		BARRY	(	egis		
2024-09-02	ISSUE FOR RAILWAY ORDER	MG	FB	JPH	DRAWN:	CONTENT CHI	ECK: QUAL	ITY CHECK:	APPROVED:	DATE:	
2024-10-15	FOR RAILWAY ORDER	MG	FB	ED	M.Galeza	F.We	ber I	J.Fitzmaurice	E.Daly	2024-10-15	FILE NA
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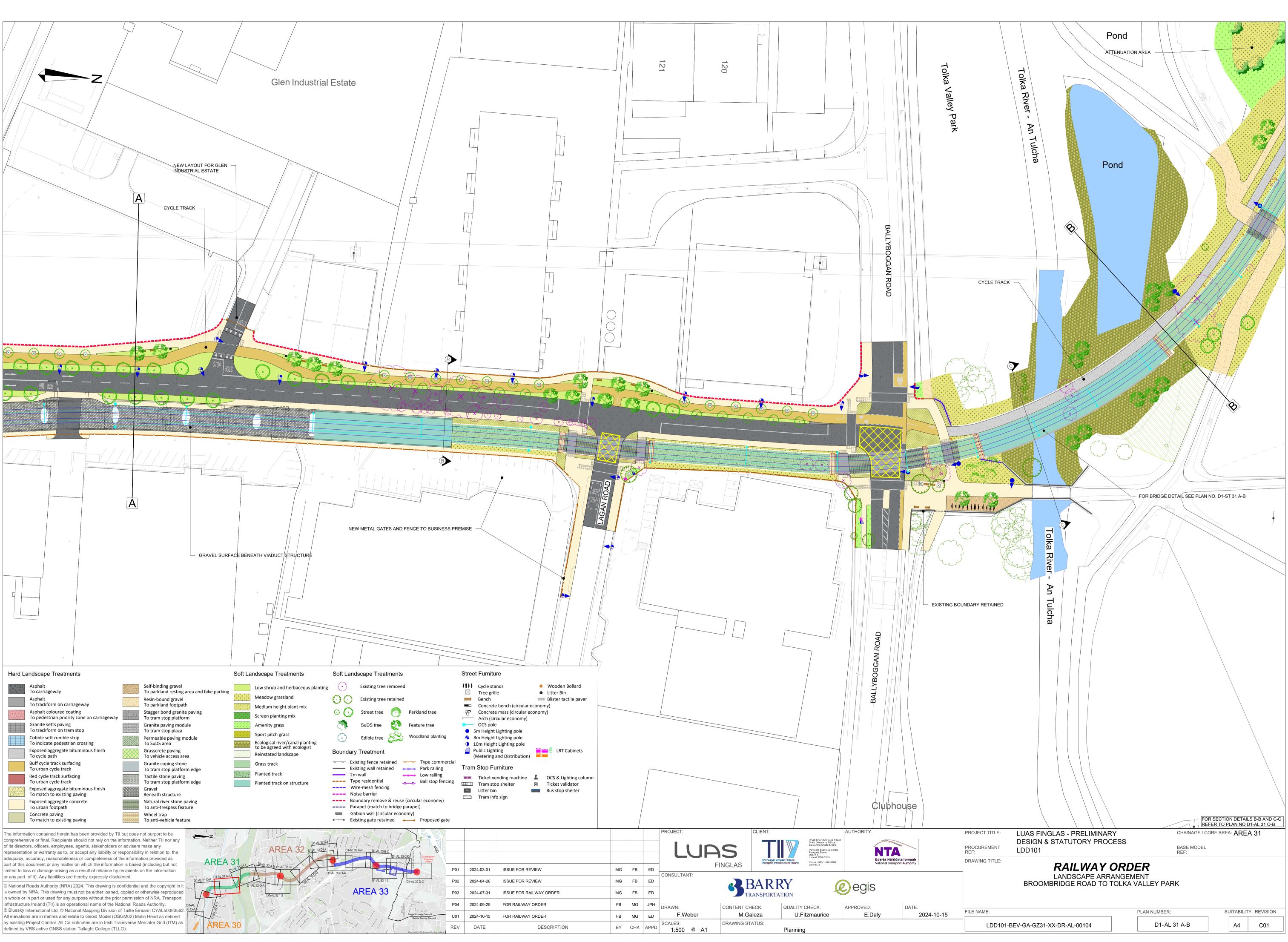


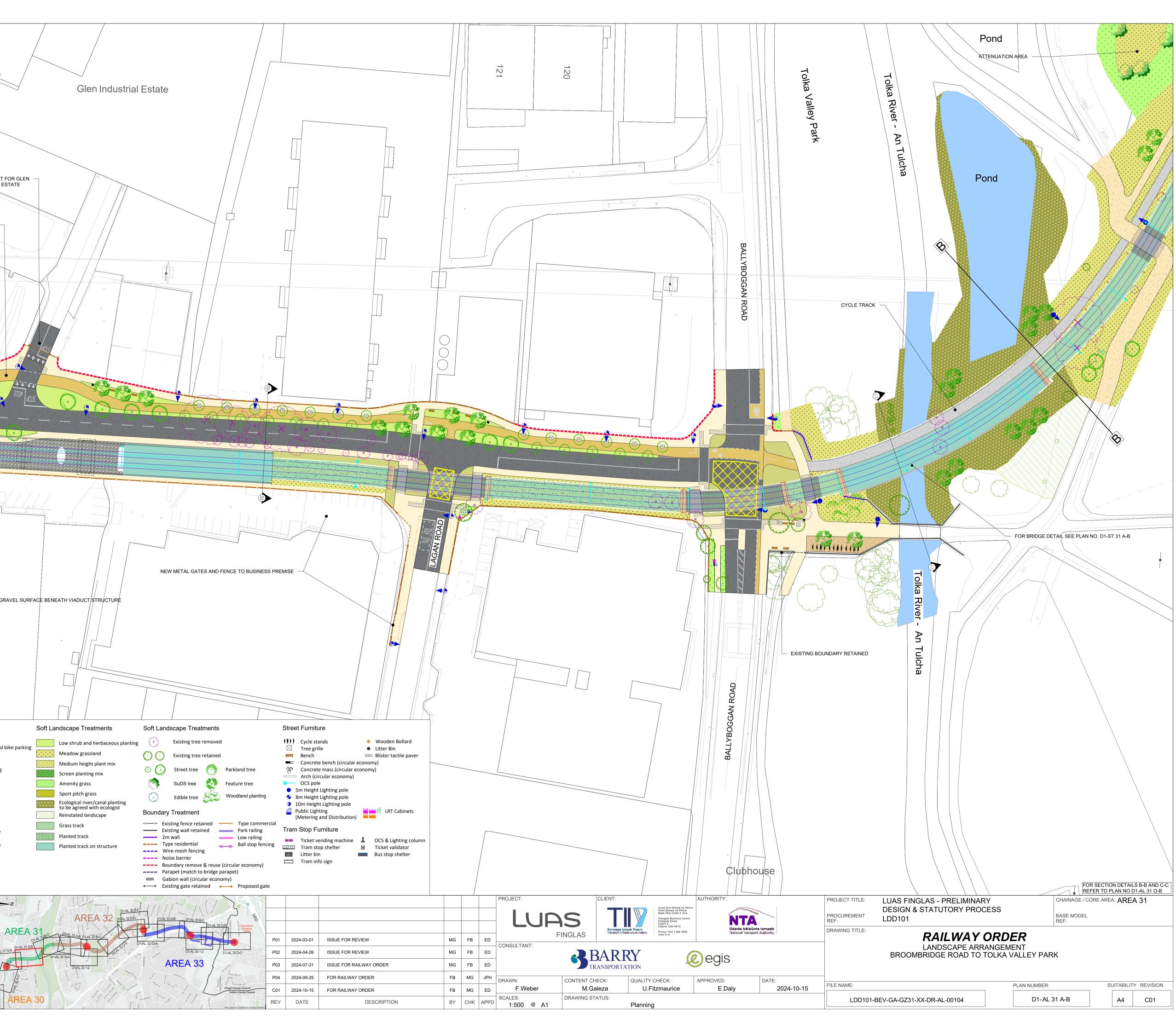


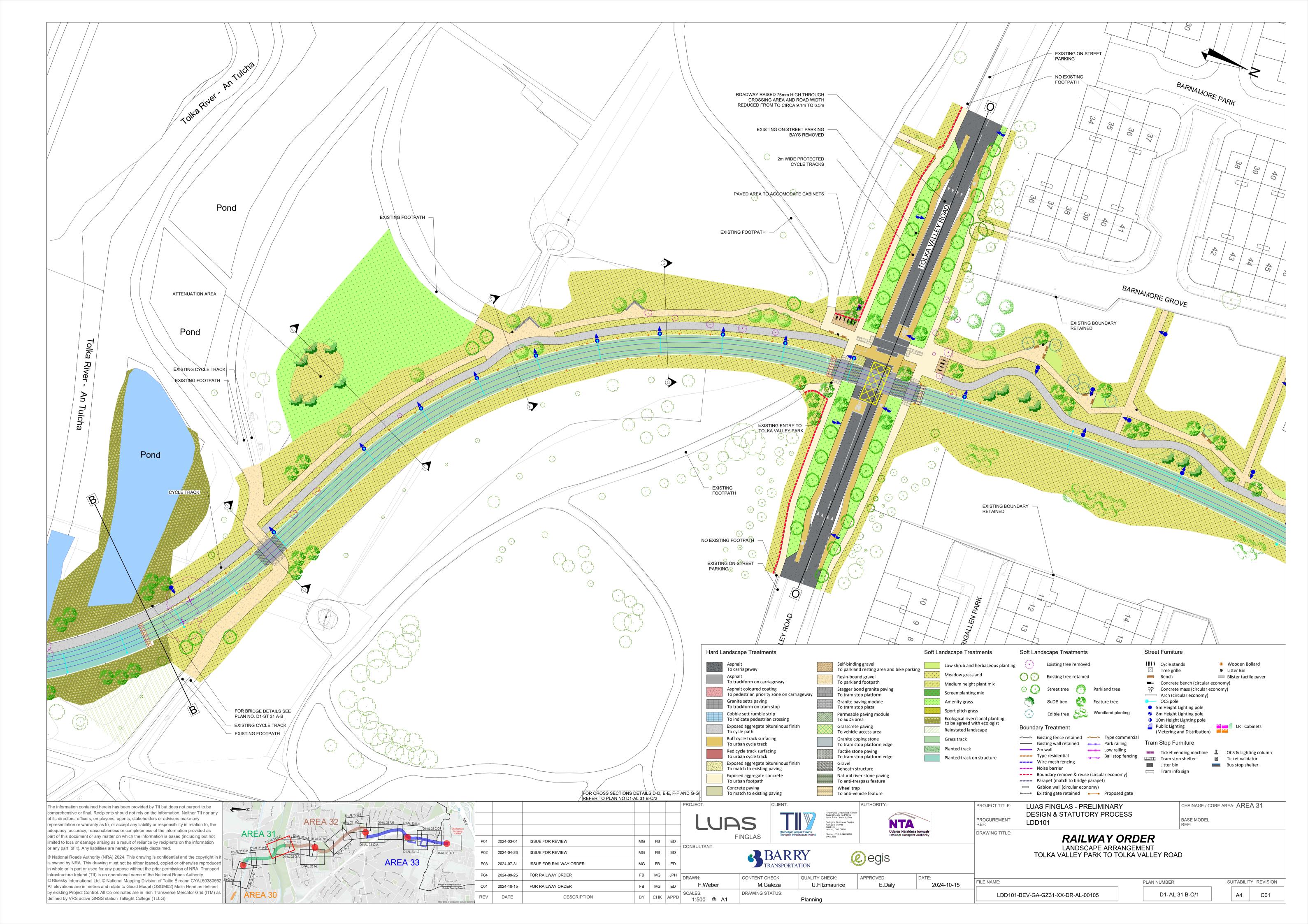


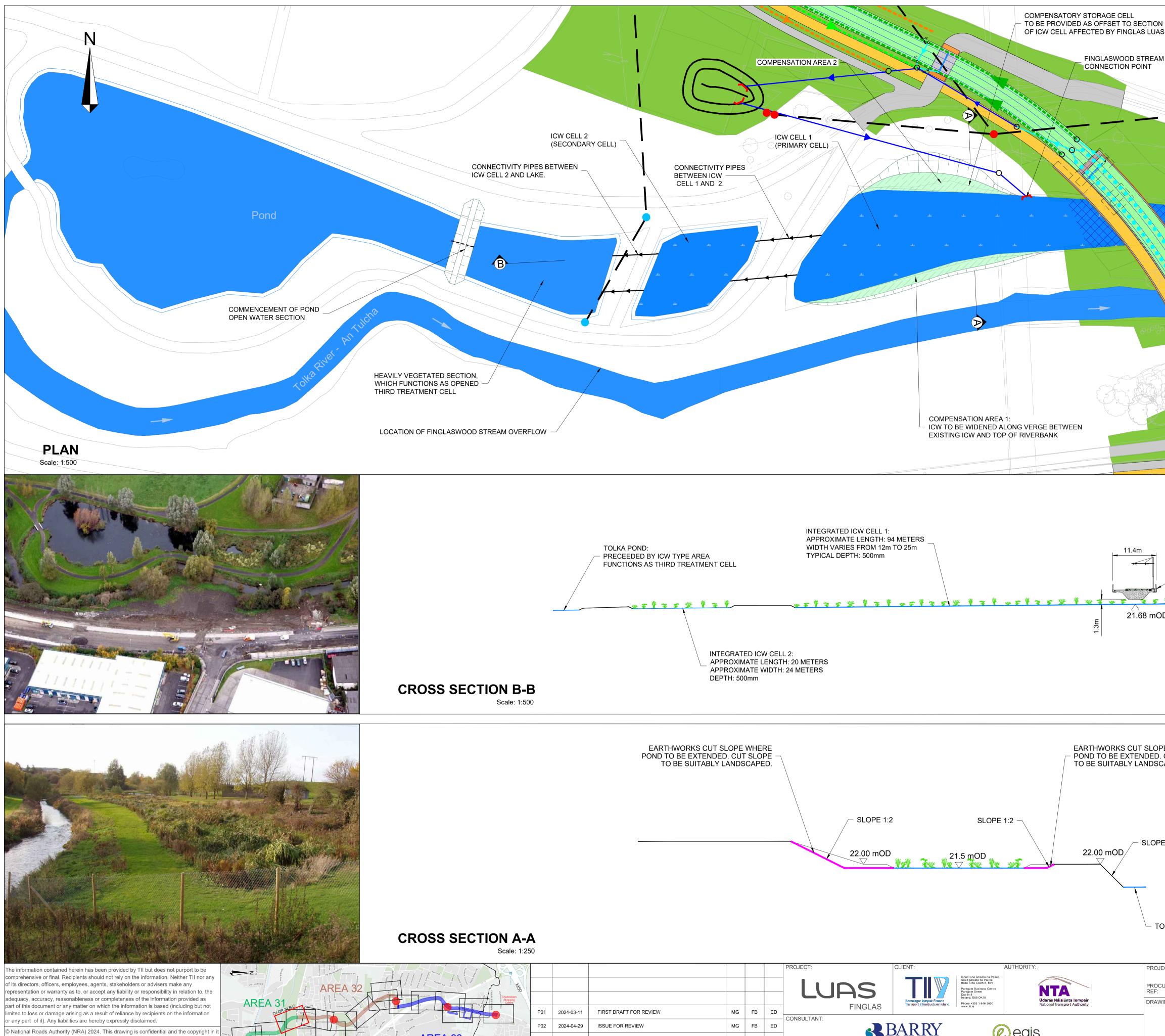




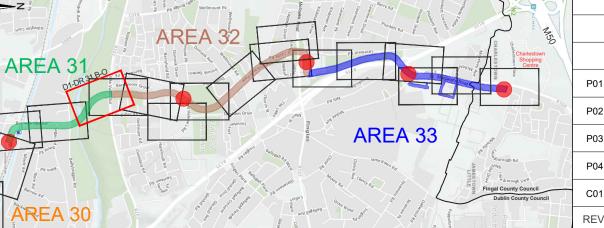






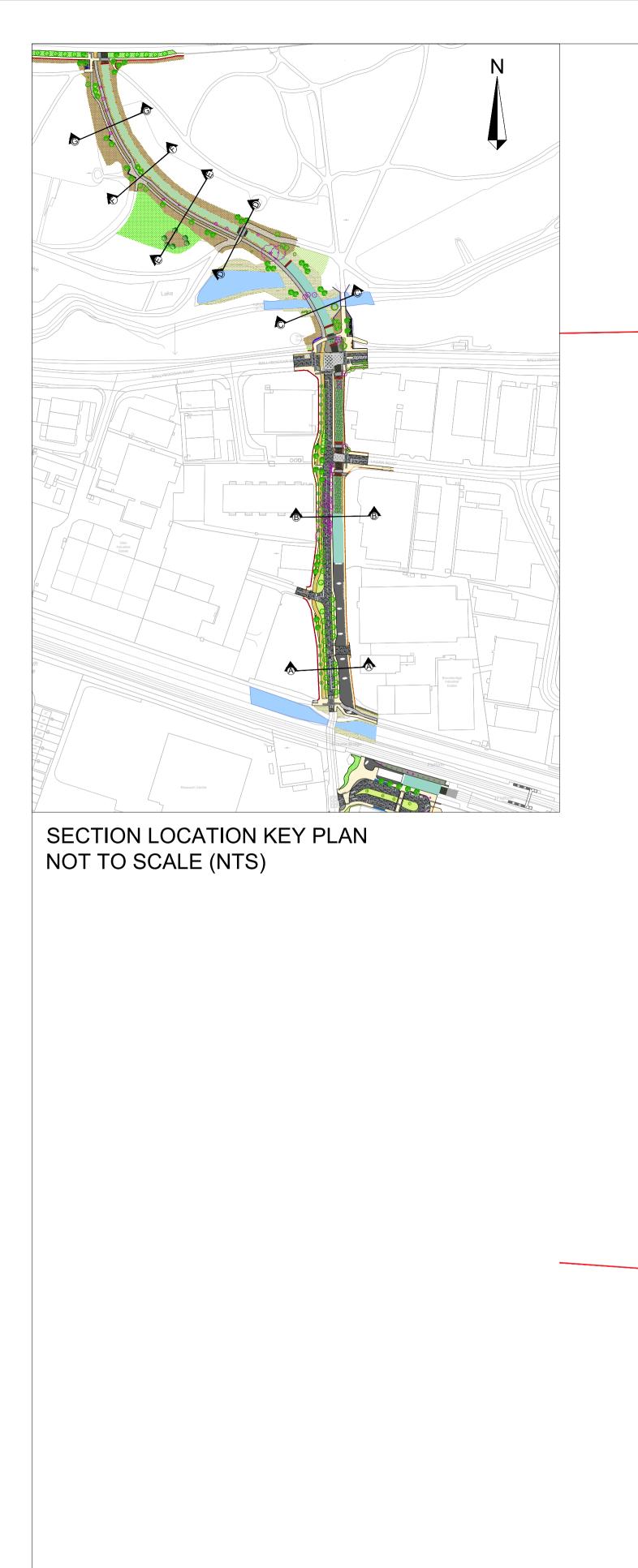


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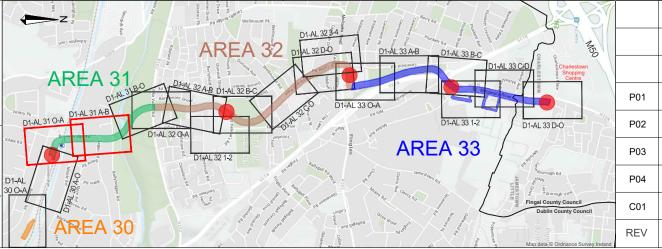
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					LUA	S		Ionad Gnó Gheata na Páirce Sráid Gheata na Páirce Baile Atha Cliath 8, Éire Parkgate Business Centre Parkgate Street	NTA		PROCUF REF:
							Bonneagar iompair Éi Transport Infrastructur	Parkgate Street Dublin 8 Ireann Ireann Phone +353 1 646 3600	<b>Údarás Náisi</b> u National Trans;	inta lompair	DRAWIN
2024-03-11	FIRST DRAFT FOR REVIEW	MG	FB	ED	CONSULTANT:	INGLAS		www.tii.ie			_
2024-04-29	ISSUE FOR REVIEW	MG	FB	ED	CONSULTANT.		BARRY	Z G			
2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED			ANSPORTATIO		egis		
2024-09-26	FOR RAILWAY ORDER	FB	MG	JPH	DRAWN:	CONTENT CH	IECK: QI	UALITY CHECK:	APPROVED:	DATE:	
2024-10-15	FOR RAILWAY ORDER	FB	MG	ED	F.Weber	M.Ga	leza	U.Fitzmaurice	E.Daly	2024-10-15	FILE NA
DATE	DESCRIPTION	BY	СНК	APPD	SCALES: 1:500 @ A1	DRAWING ST		lanning			

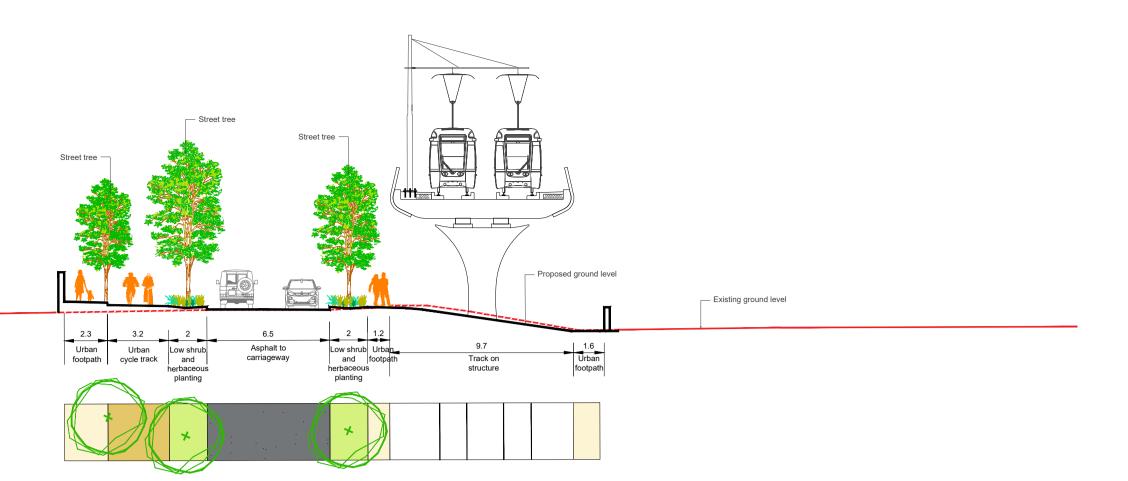
N	L	EGEND	Carrier Drain			
M			Carrier Drain Perforated Drainaç	ge Pipe		
			Infiltration Trench Track Drainage sy	stem		
			Filter Drain ACO Channel (Pe	destrian)	)	
			Proprietary slot ba ACO Drain or simi system		-	-
		- <b></b> - E	Dished Paving Existing Surface W			nholes
B		L	xisting Foul Sewe akes, rivers and c CW Cells	anals	annoies	
		C	Cell affected by brid Compensation Stor CW		а	
		O C O <sup>DM</sup> C	Access point Catchpit Chamber Distribution Manhol Road Gully	e		
		► 5 (P) P	ide Inlet Petrol Interceptor CW Connection Pi	oes		
		() E	tioretention Area	ened		
			Proposed street tree Proposed tree grou			
LUAS OVERBRIDGE SECTION						
22.20 mOD						
DC						
PE WHERE						
CAPED.						
PE 1:1						
OLKA RIVER						
LUAS FINGLAS - PRELIMINAR DESIGN & STATUTORY PROC LDD101			CHAINAGE / C BASE MODEL REF:	ORE ARE	A: AREA	A 31
WING TITLE: RAILWAY DRAINAGE D INTEGRATED CONSTRU TOLKA VALLE	DETAIL	WETLAN	D			
NAME: LDD101-BEV-GA-GZ31-XX-DR-CD-00101	]	PLAN NUMBI	ER: DR 31 B-O	s		Y REVISION
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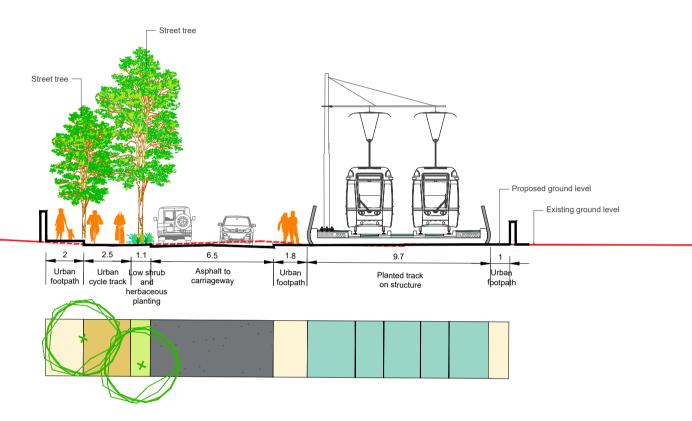
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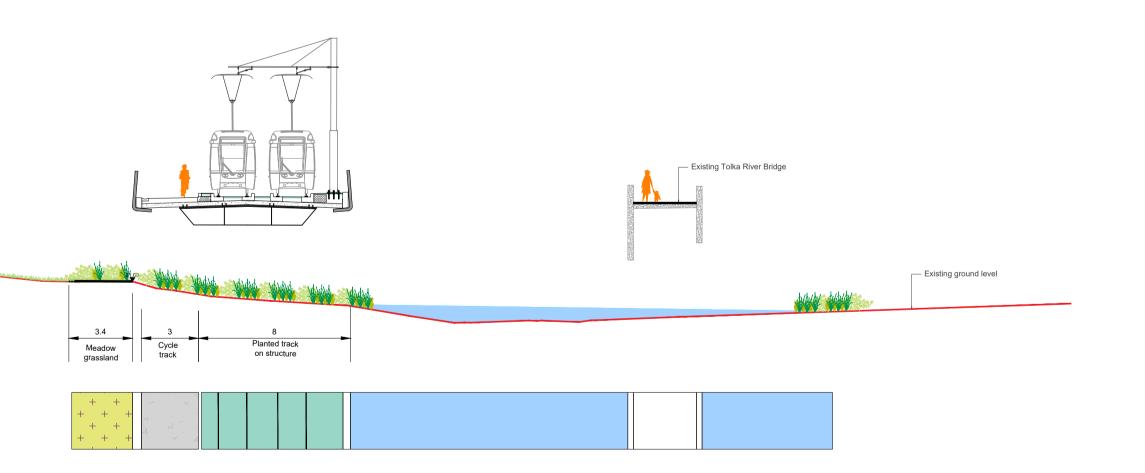




CROSS SECTION A-A BROOMBRIDGE ROAD SCALE 1:200



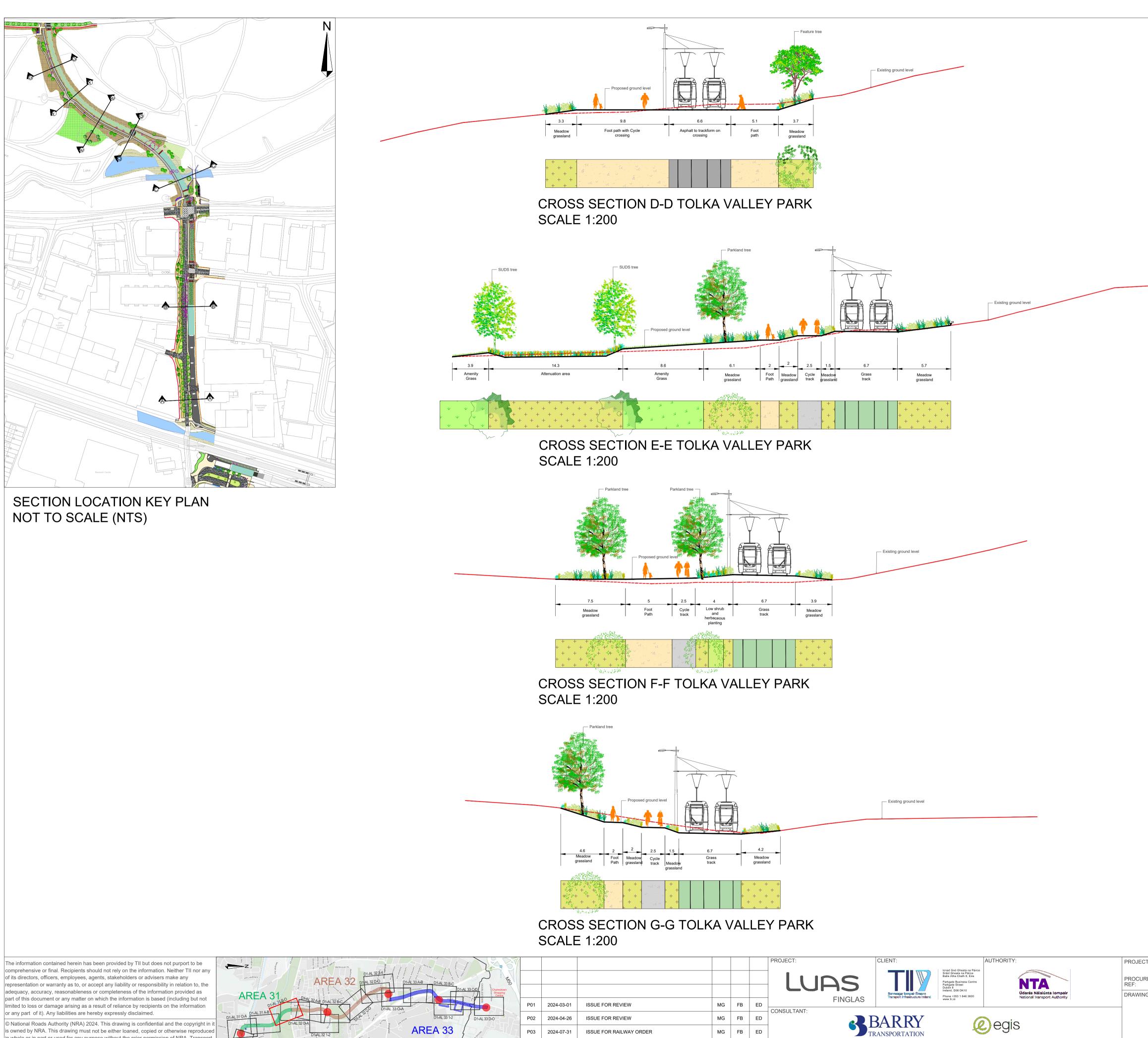
CROSS SECTION B-B BROOMBRIDGE ROAD SCALE 1:200



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

					PROJECT:		CLIENT:			AUTHORITY:		PROJECT TITLE:
					LUP	S		Éleann	Ionad Gnó Gheata na Páirce Sráid Gheata na Páirce Baile Atha Cliath 8, Éire Parkgate Business Centre Parkgate Street Dublin 8 Ireland, D08 DK10	NTA Údarás Náisiú		PROCUREMENT REF: DRAWING TITLE:
 2024-03-01	FIRST DRAFT FOR REVIEW	MG	FB	ED		INGLAS	Bonneagar lompair Transport Infrestruct	ture Ireland	Phone +353 1 646 3600 www.tii.ie	National Transpo	ort Authority	
2024-04-26	ISSUE FOR REVIEW	MG	FB	ED	CONSULTANT:	<b>P</b>	BARR	Y	G	egis		
2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED			ANSPORTATI		Ke Ke	egis		
2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH	DRAWN:	CONTENT CH	ECK: G	QUALITY	CHECK:	APPROVED:	DATE:	
2024-10-15	FOR RAILWAY ORDER	FB	MG	ED	F.Weber	M.Ga	lleza	U.Fi	itzmaurice	E.Daly	2024-10-15	FILE NAME:
DATE	DESCRIPTION	BY	СНК	APPD	SCALES: 1:200 @ A1	DRAWING STA		Planning	)			LDD101-
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	Hard I	_andscape Tr	eatments		
		Asphalt To carriageway Asphalt			
		To trackform on c Asphalt coloured To pedestrian pric	coating	iageway	
		Granite setts pavi To trackform on t Cobble sett rumbl	ram stop		
		To indicate pedes Exposed aggregate To parkland cycle	trian crossing e bituminous finis	sh	
		Buff cycle track su To urban cycle tra	ırfacing ack		
		Red cycle track su To urban cycle tra Exposed aggregat	ack e bituminous finis	sh	
		To match to existi Exposed aggregat To urban footpath	e concrete		
		Concrete paving To match to existi Self-binding grave			
		To parkland restin Resin-bound grave	ng area and bike p el	arking	
		To parkland footp Stagger bond grar To tram stop plati	nite paving		
		Granite paving mo To tram stop plaza Permeable paving	а		
		To SuDS area Grasscrete paving To vehicle access	I		
		Granite coping sto To tram stop plati	one form edge		
		Tactile stone pavi To tram stop plati Gravel			
		Beneath structure Natural river ston To anti-trespass fo	e paving		
		Wheel trap To anti-vehicle fea			
	Soft L	andscape Tre	eatments		
	$\odot$	Existing tree remo			
	$\bigcirc \circ$	Street tree	0	Parklar	
		SuDS tree Edible tree		Feature Woodla	e tree and planting
		Low shrub and he		3	
		Meadow grasslan Medium height pl	ant mix		
		Screen planting m Amenity grass	nix		
	,	Sport pitch grass Ecological river/ca to be agreed with	anal planting ecologist		
		Reinstated landsc Grass track			
		Planted track Planted track on s	structure		
	Bound	lary Treatmer	nt		
		Existing fence reta	ained	Type co Park ra	ommercial
		2m wall Type residential	-DD-	Low rai	
		Wire-mesh fencin Noise barrier Boundary remove		econom	w)
		Parapet (match to Gabion wall (circu	o bridge parapet) ılar economy)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Existing gate retai Proposed gate	ined		
		Furniture			
	╡╡╫┾ ⊠	Cycle stands Tree grille Bench	• ©	Litter b	en bollard vin tactile paver
		Concrete bench (o Concrete mass (ci	circular economy)		
	•	Arch (circular eco OCS poles 5m Lantern moun			
	€ ● ●	8m Lantern moun 10m Lantern mou	iting heignt Inting height		
		Public Lighting (M LRT Cabinets	etering and Distri	bution)	
	Tram	Stop Furniture	е		
		Ticket vending ma Tram stop shelter		Ticket	Lighting column validator
		Litter bin Tram info sign		Bus sto	op 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					
OJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101		CHAINA BASE M REF:	AGE / CORE ARE	A: ARE	A 31
AWING TITLE: RAILWAY ORI					
LANDSCAPE CROSS SEC BROOMBRIDGE ROAD TO TOLKA					
E NAME:	PLAN N	UMBER:	S		TY REVISION
LDD101-BEV-GA-GZ31-XX-DR-AL-00106		D1-AL 31 O-B/	1	A4	C01



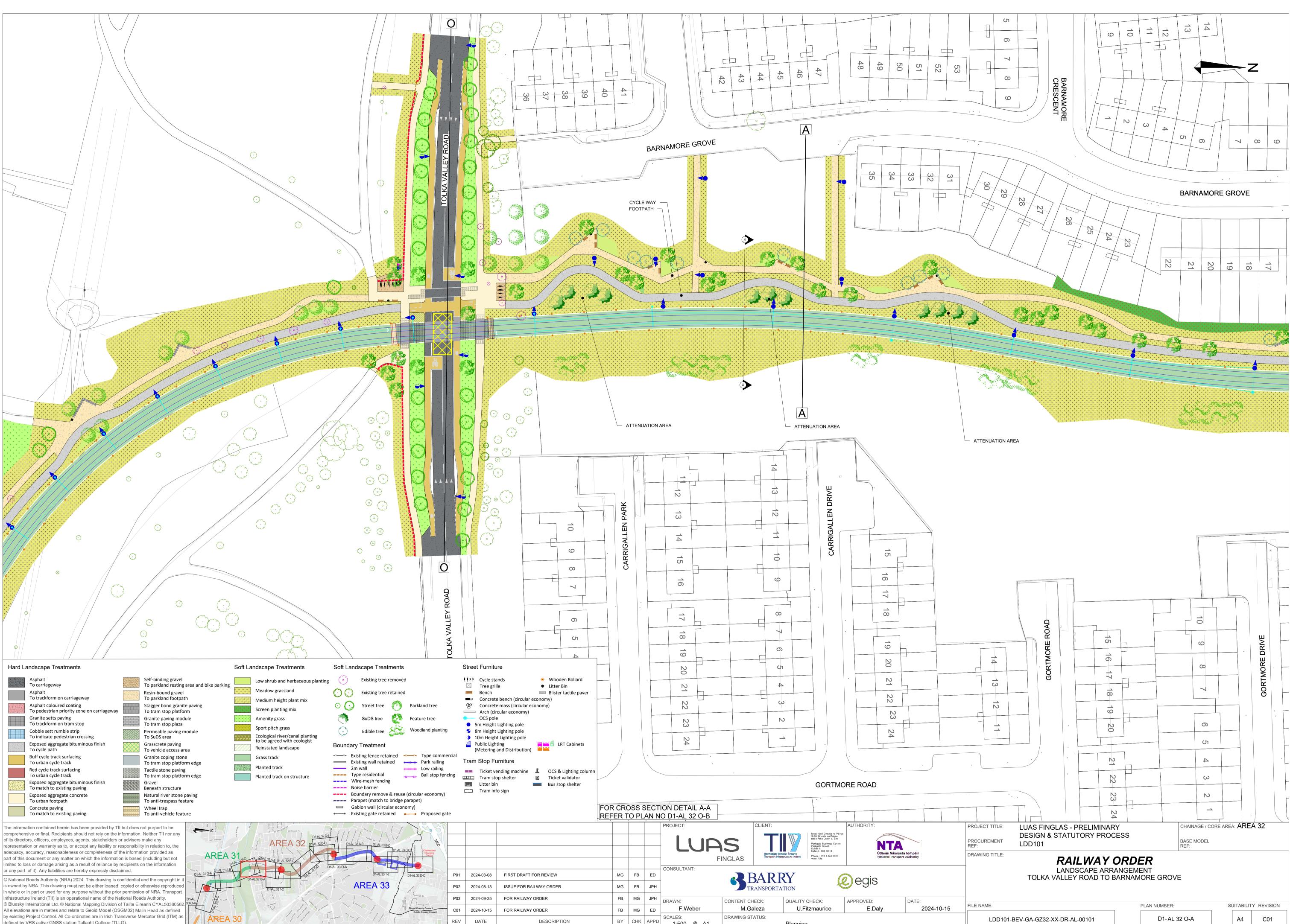
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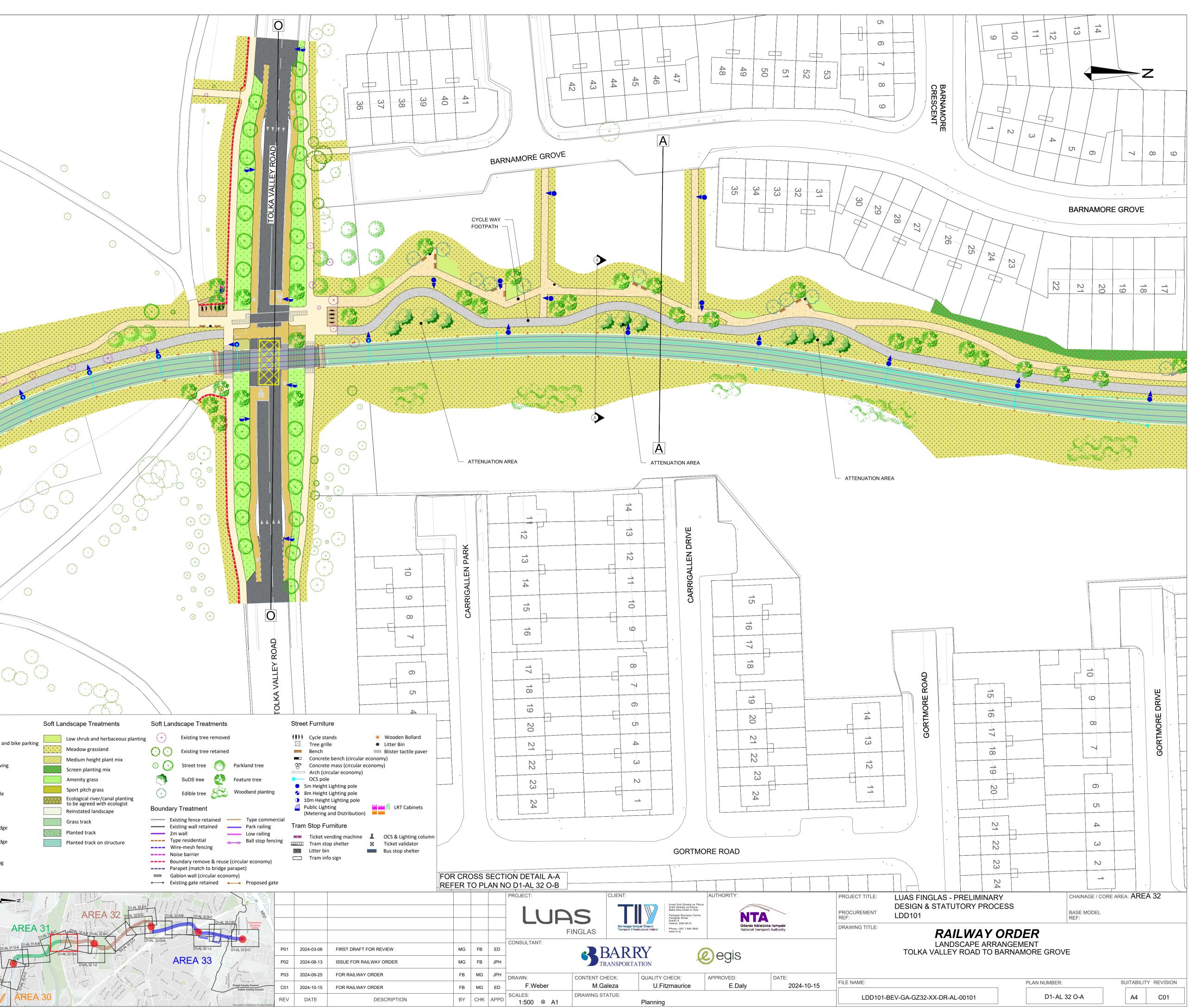
AREA 30

					PROJECT:		CLIENT:		AUTHORITY:		PROJECT T
					LUA	S		Ionad Gnó Gheata na Páirce Sráid Gheata na Páirce Baile Atha Cliath 8, Éire Parkgate Business Centre Parkgate Street Dublin 8 Ireland, 008 DK10	NT/	-	PROCUREM REF:
2024-03-01	ISSUE FOR REVIEW	MG	FB	ED	FI CONSULTANT:	NGLAS	Bonneagar Iompair Éireann Transport Infrestructure Ireland	Phone +353 1 646 3600 www.tii.ie		port Authority	DRAWING T
2024-04-26	ISSUE FOR REVIEW	MG	FB	ED			ARRY	6	Ogie		
2024-07-31	ISSUE FOR RAILWAY ORDER	MG	FB	ED			ANSPORTATION	K	egis		
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2024-10-15	FOR RAILWAY ORDER	FB	MG	ED	F.Weber	M.Gal	eza U.F	itzmaurice	E.Daly	2024-10-15	FILE NAME:
DATE	DESCRIPTION	BY	СНК	APPD	SCALES: 1:200 @ A1	DRAWING STA	TUS: Planning	9			L

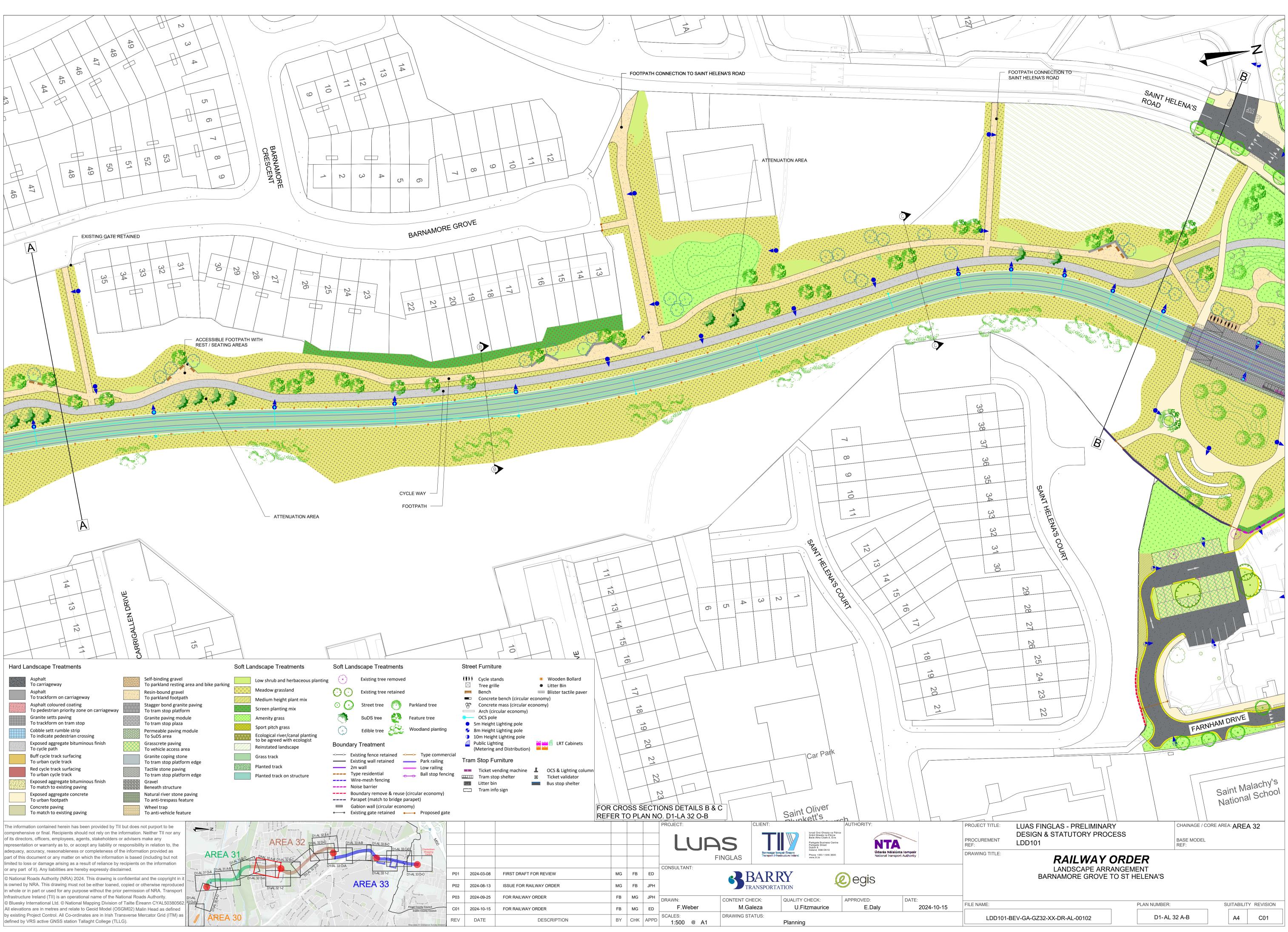
	Hard Landscape Treatments         Asphalt         To carriageway         Asphalt         To trackform on carriageway         Asphalt coloured coating         To pedestrian priority zone on carriageway         Granite setts paving         To trackform on tram stop         Cobble sett rumble strip         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 resting area and bike parking         Resin-bound gravel         To parkland footpath         Stagger bond granite paving         To tram stop platform         Granite paving module         To SuDS area         Granite coping stone         To tram stop platform edge         To tram stop platform edge         Granite coping stone         To tram stop platform edge         Granite coping stone         To tram stop platform edge         Gravel         Beneath structure         Natural river stone paving         To anti-trespass feature         Wheel trap         To anti-trespass feature
	To anti-vehicle feature         Soft Landscape Treatments <ul> <li>Existing tree removed</li> <li>Existing tree retained</li> <li>Street tree</li> <li>Street tree</li> <li>SuDS tree</li> <li>Edible tree</li> <li>Edible tree</li> <li>Meadow grassland</li> <li>Meadow grassland</li> <li>Meadow grassland</li> <li>Meadow grass</li> <li>Screen planting mix</li> <li>Screen planting mix</li> <li>Secological river/canal planting to be agreed with ecologist</li> <li>Reinstated landscape</li> <li>Grass track</li> <li>Planted track on structure</li> </ul> Planted track on structure           Boundary Treatment         Image from the structure         Type commercial Park railing Low railing Low railing
	<ul> <li>Type residential</li> <li>Wire-mesh fencing</li> <li>Noise barrier</li> <li>Boundary remove &amp; reuse (circular economy)</li> <li>Parapet (match to bridge parapet)</li> <li>Gabion wall (circular economy)</li> <li>Existing gate retained</li> <li>Proposed gate</li> </ul> Street Furniture
	<ul> <li>Cycle stands</li> <li>Tree grille</li> <li>Bench</li> <li>Blister tactile paver</li> <li>Concrete bench (circular economy)</li> <li>Concrete mass (circular economy)</li> <li>Arch (circular economy)</li> <li>Arch (circular economy)</li> <li>OCS poles</li> <li>Sm Lantern mounting height</li> <li>8m Lantern mounting height</li> <li>10m Lantern mounting height</li> <li>Public Lighting (Metering and Distribution)</li> <li>LRT Cabinets</li> </ul>
	Tram Stop Furniture       Icket vending machine       Icket vending machine         Tram stop shelter       Icket validator         Litter bin       Bus stop shelter         Tram info sign       Tram info sign
FOR CROSS SECTION MARKINGS D, E, F AND G REFER TO PLAN NO DL-AL 31 B-O/1 CT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS LDD101 IG TITLE: <b>RAILWAY ORL</b> LANDSCAPE CROSS SEC TOLKA VALLEY PARK TO TOLKA	CTIONS
ME: LDD101-BEV-GA-GZ31-XX-DR-AL-00107	PLAN NUMBER:     SUITABILITY REVISION       D1-AL 31 B-O/2     A4     C01

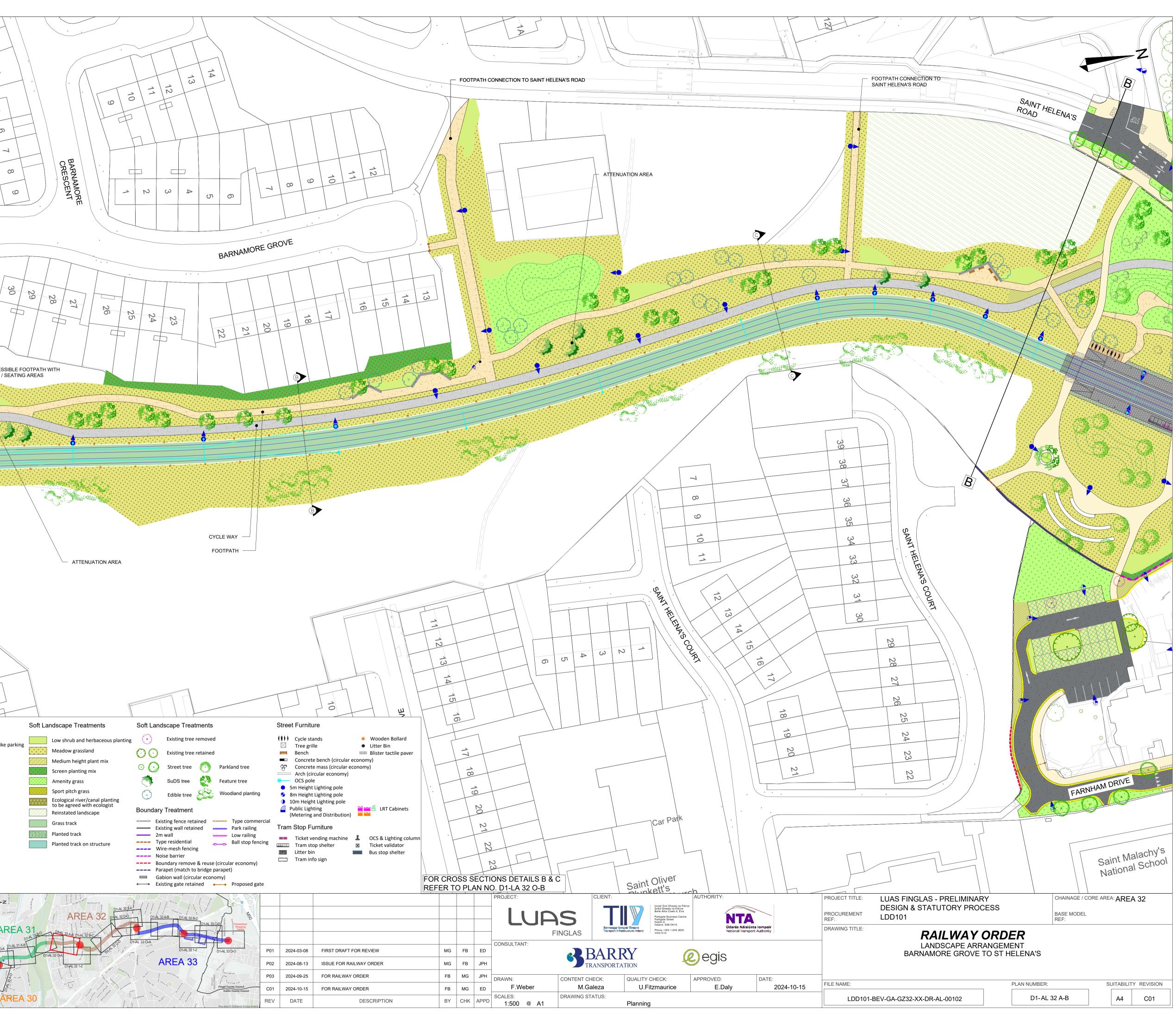


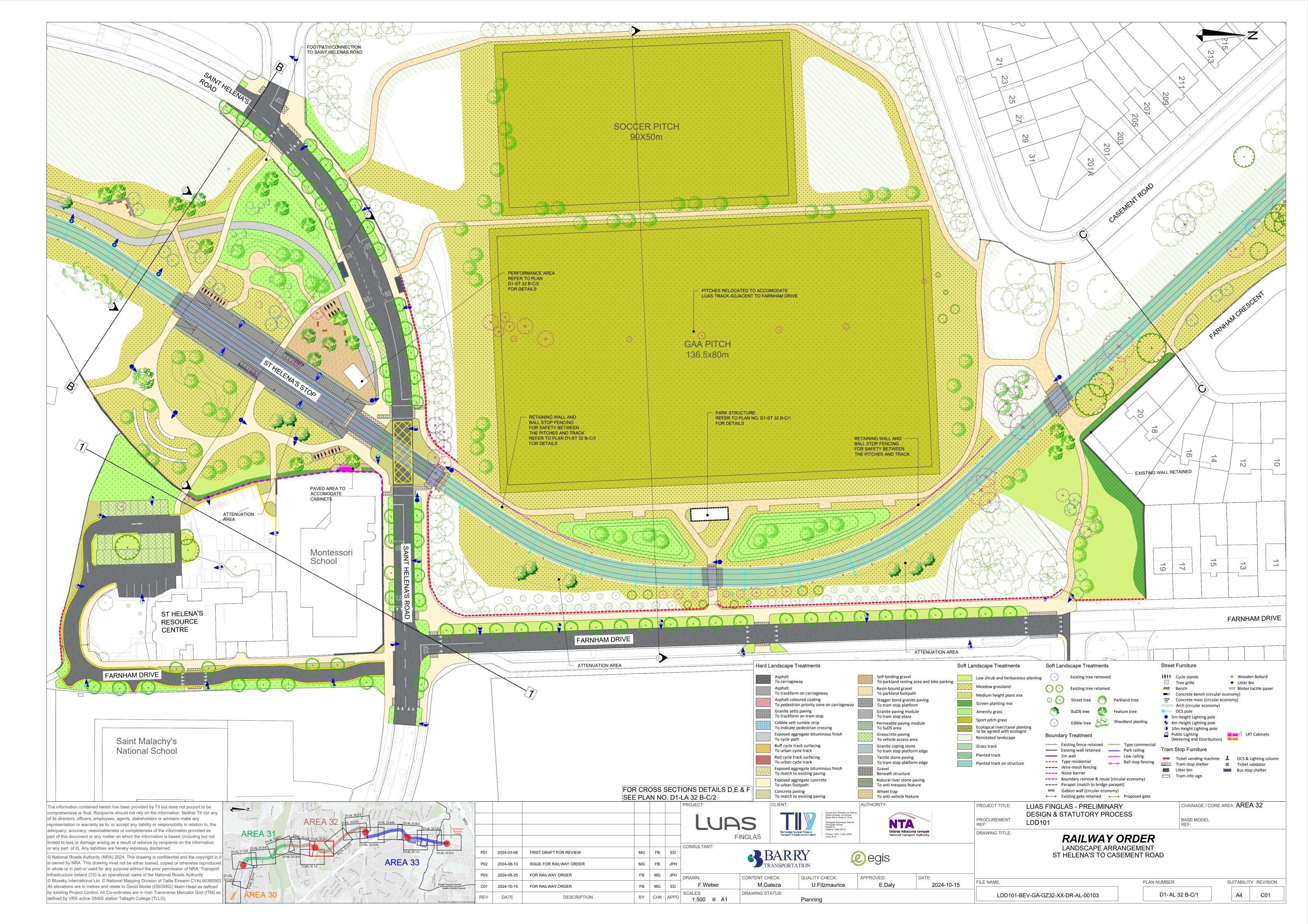
defined by VRS active GNSS station Tallaght College (TLLG).

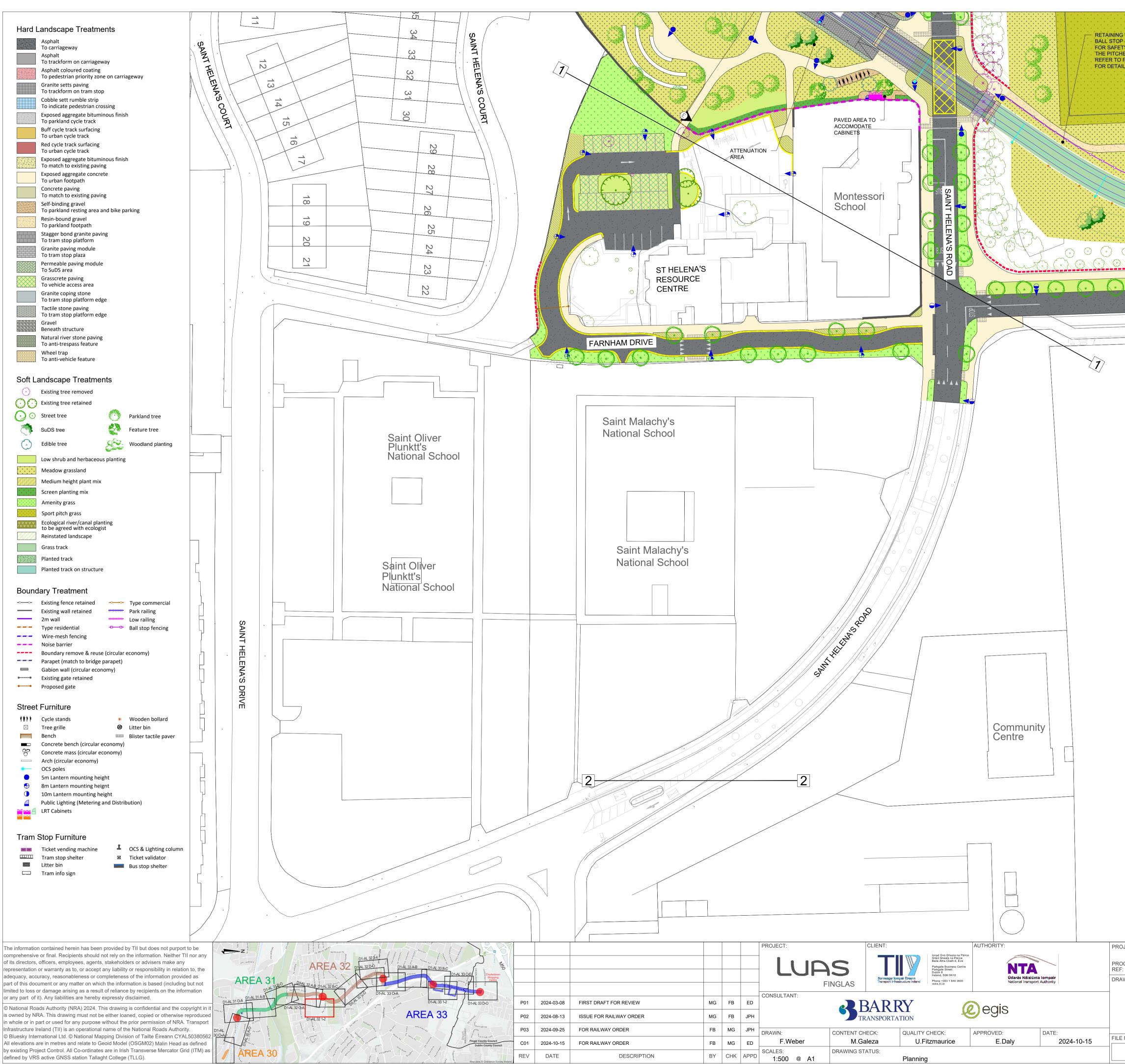


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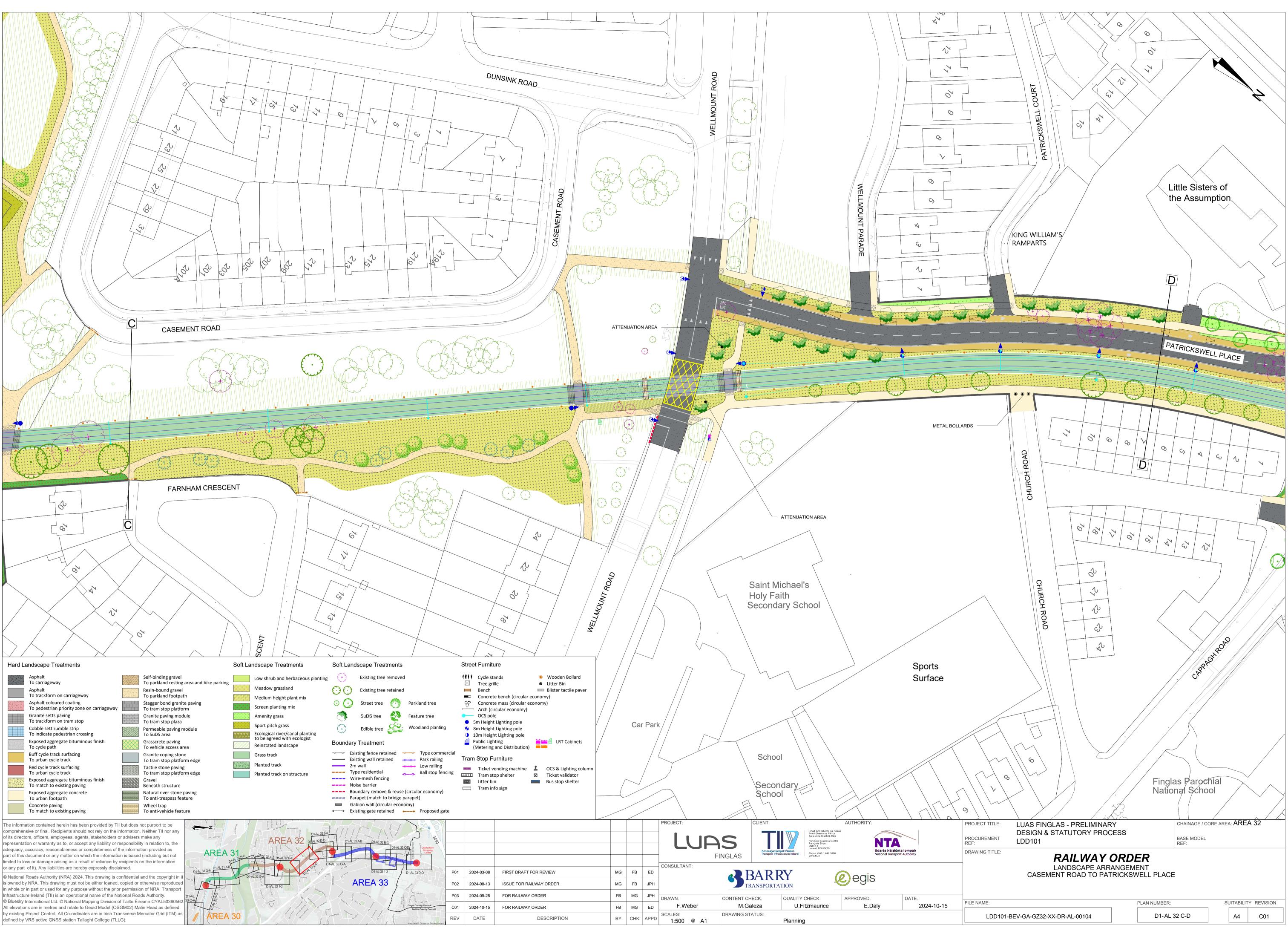




9 WALL AND P FENCING TY BETWEEN HES AND TRACK 9 PLAN D1-ST 32 B-C/3 JLS	PARK STRUCTURE REFER TO PLAN NO. D1-ST 32 B-C/1, FOR DETAILS
FARNHAM DRIVE	
ATTENUATION AREA	

Erin's Isle G.A.A Club

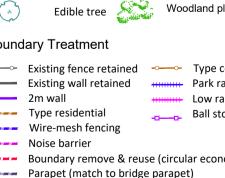
NAME:		PLAN NUMBER:	SUITABILIT	Y REVISION
	<b>RAILWAY C</b> LANDSCAPE ARRA FARNHAM DE	NGEMENT		
WING TITLE:	LDD101	REF:		
CUREMENT	DESIGN & STATUTORY PROCE	ESS BASE MODEL		
	LUAS FINGLAS - PRELIMINARY	CHAINAGE / CO	DRE AREA: AREA	A JZ

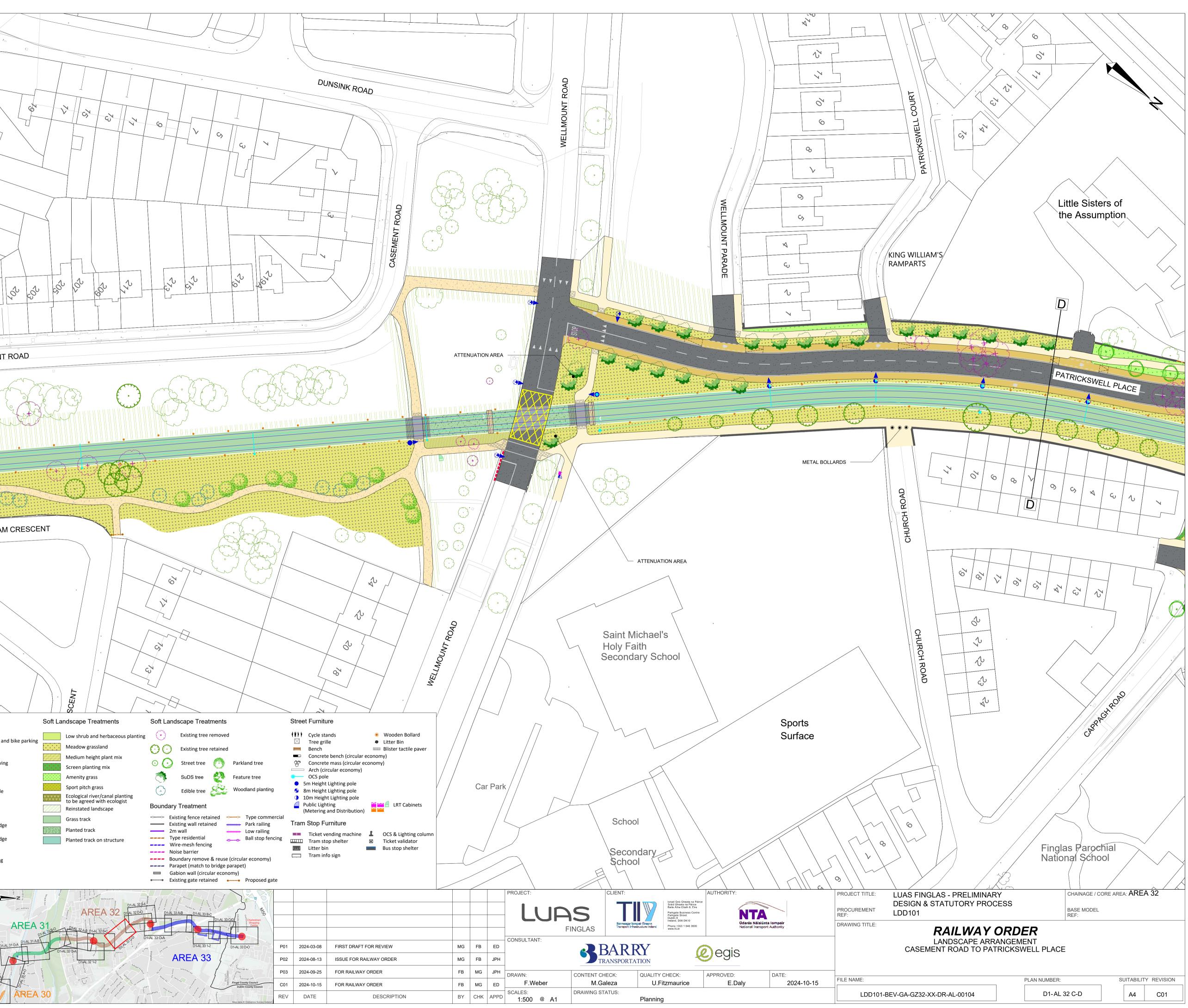


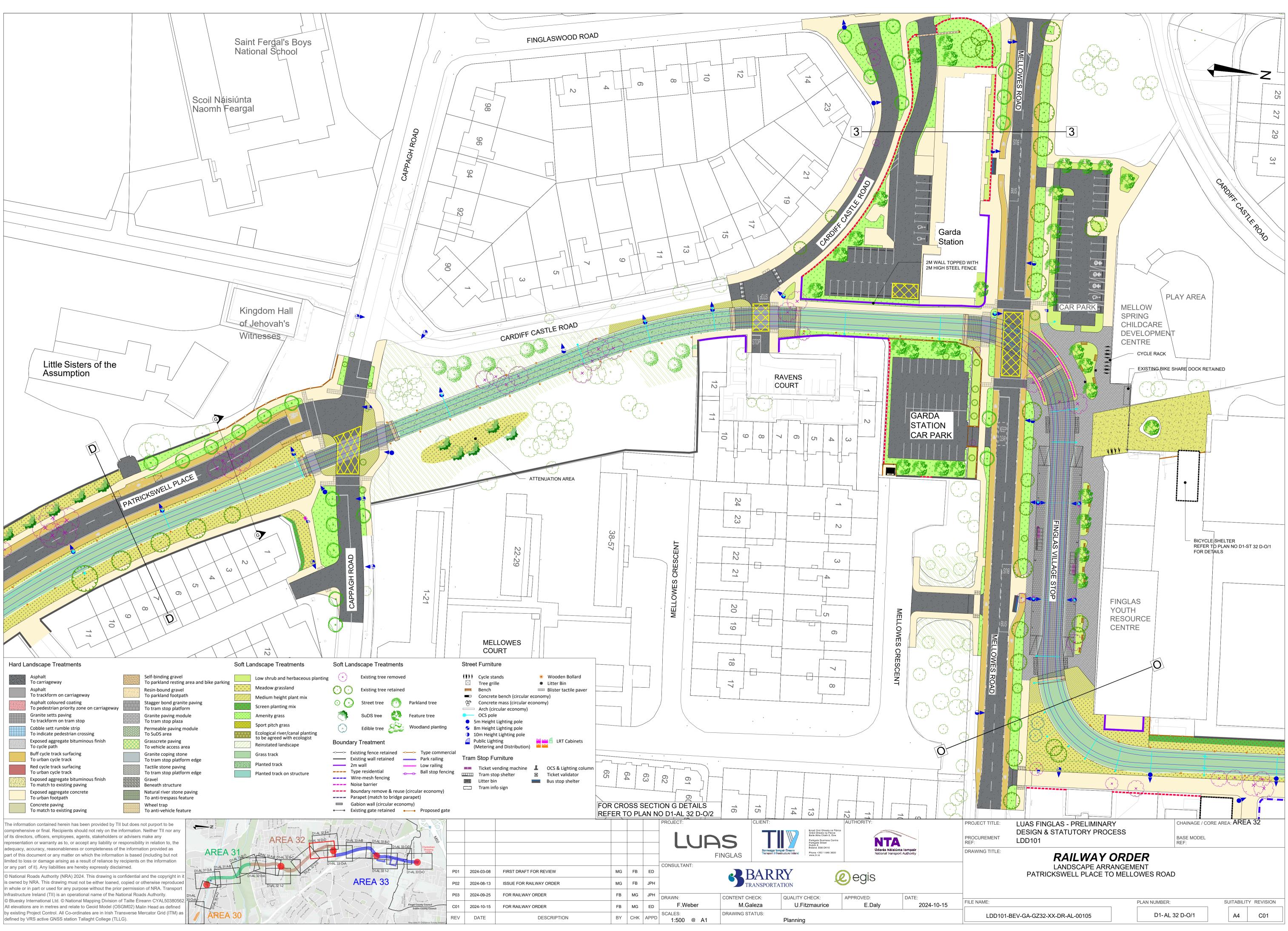
Asphalt To carriageway
Asphalt To trackform on carriageway
Asphalt coloured coating To pedestrian priority zone on carriageway
Granite setts paving To trackform on tram stop
Cobble sett rumble strip To indicate pedestrian crossing
Exposed aggregate bituminous finish To cycle path
Buff cycle track surfacing 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

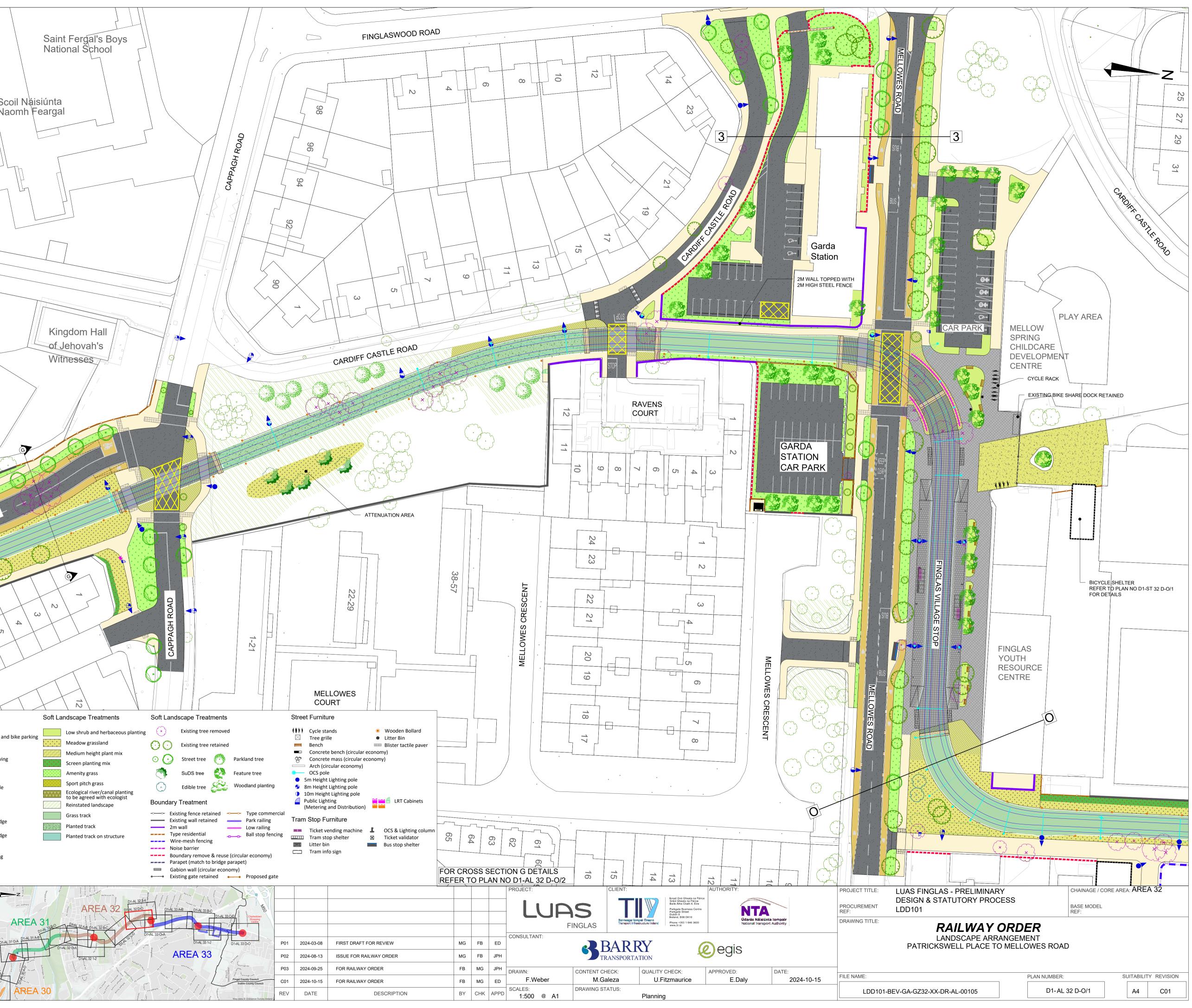
	Self-binding gravel To parkland resting area and bike parking
	Resin-bound gravel To parkland footpath
	Stagger bond granite paving To tram stop platform
	Granite paving module To tram stop plaza
	Permeable paving module To SuDS area
$\bigotimes$	Grasscrete paving To vehicle access area
	Granite coping 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















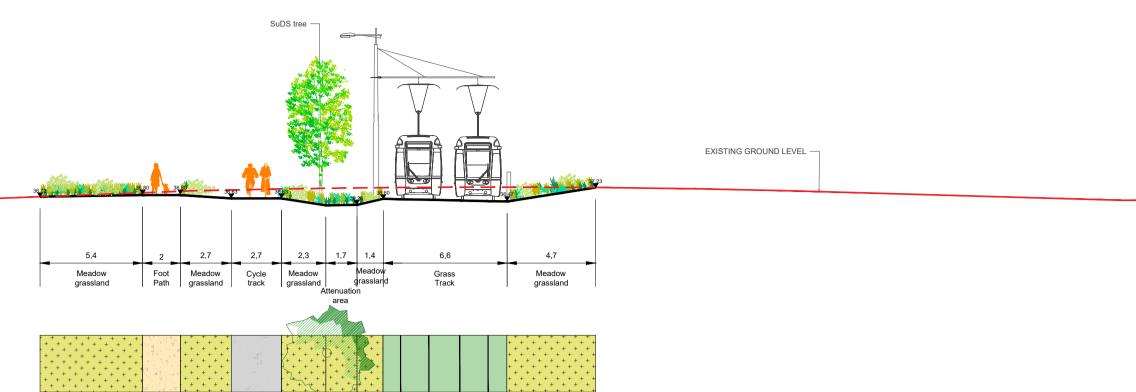
P01

P02

AREA 33

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AREA 30

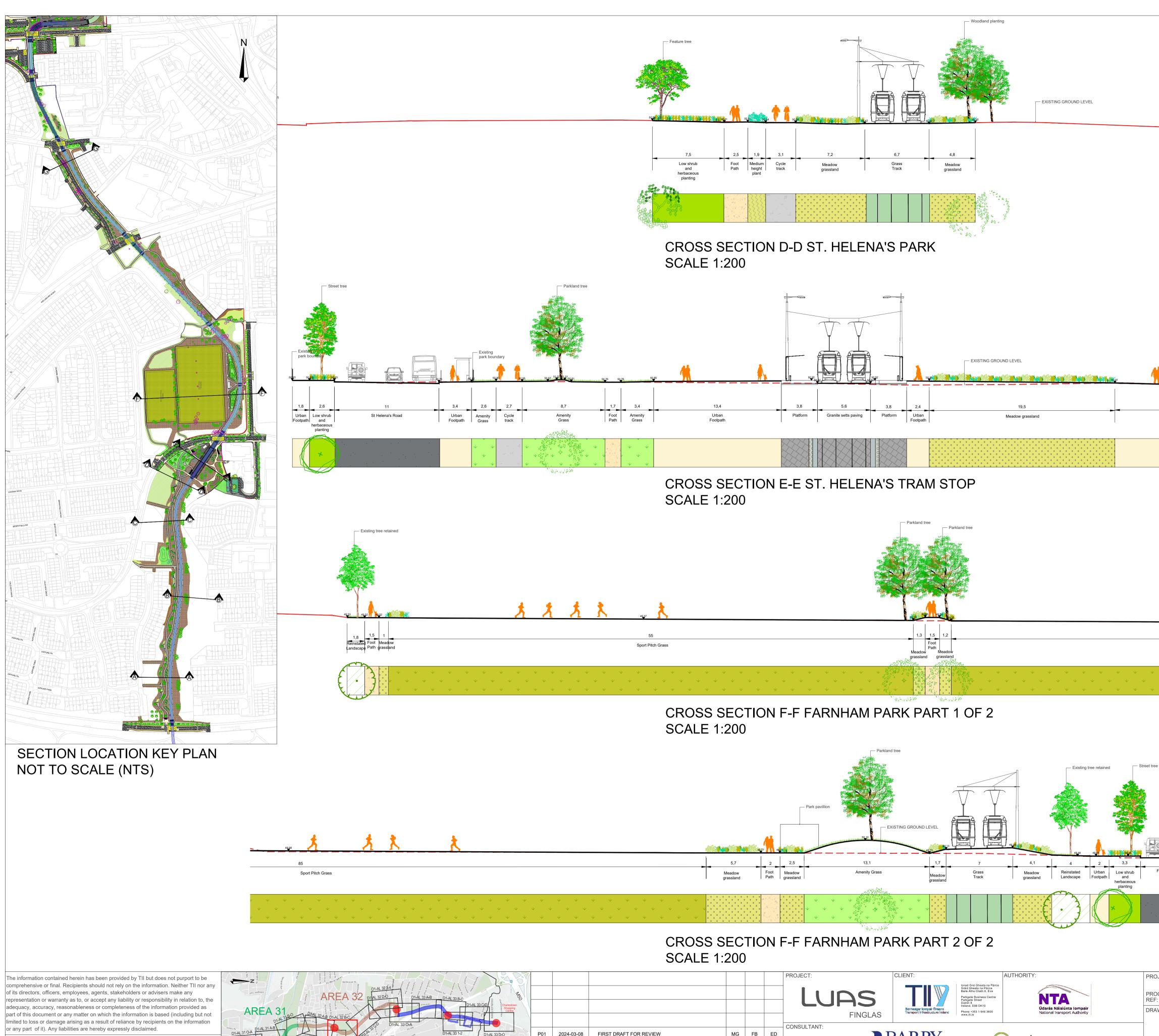


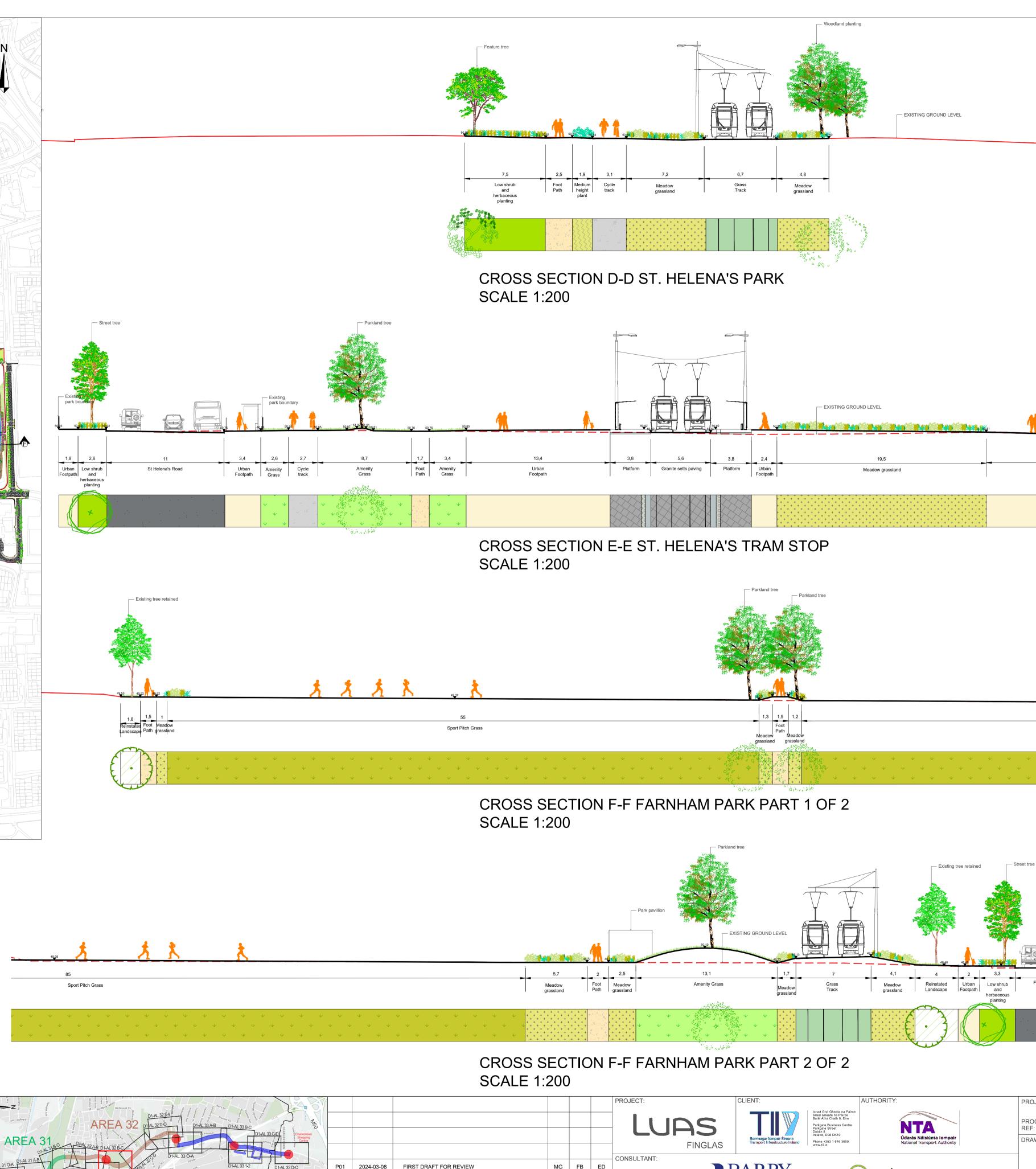
					PROJECT:		CLIENT:		AUTHORITY:		PROJE
					LUP		Bonneagar lompair Éireann Transport Infrastructure Ireland	Ionad Gnó Gheata na Páirce Sráid Gheata na Páirce Baile Ahna Clahh S, Éire Parkgate Business Centre Parkgate Street Dublin 8 Ireland, D08 DK10 Phone +353 1 646 3600 www.tii.ie	NT. Údarás Ná	isiúnta lompair nsport Authority	PROCU REF: DRAWI
 					CONSULTANT:						
2024-03-08	FIRST DRAFT FOR REVIEW	MG	FB	ED		BARRY @eqis					
2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH		BARRY LE Egis					
2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH	DRAWN:	CONTENT CHE		CHECK:	APPROVED:	DATE:	
 2024-10-15	FOR RAILWAY ORDER	FB	MG	ED	F.Weber	M.Gal		itzmaurice	E.Daly	2024-10-15	FILE NA
DATE	DESCRIPTION	BY	СНК	APPD	SCALES: 1:200 @ A1	DRAWING STA	TUS: Plannin	ıg	•		

Existing boundary
to residential garden

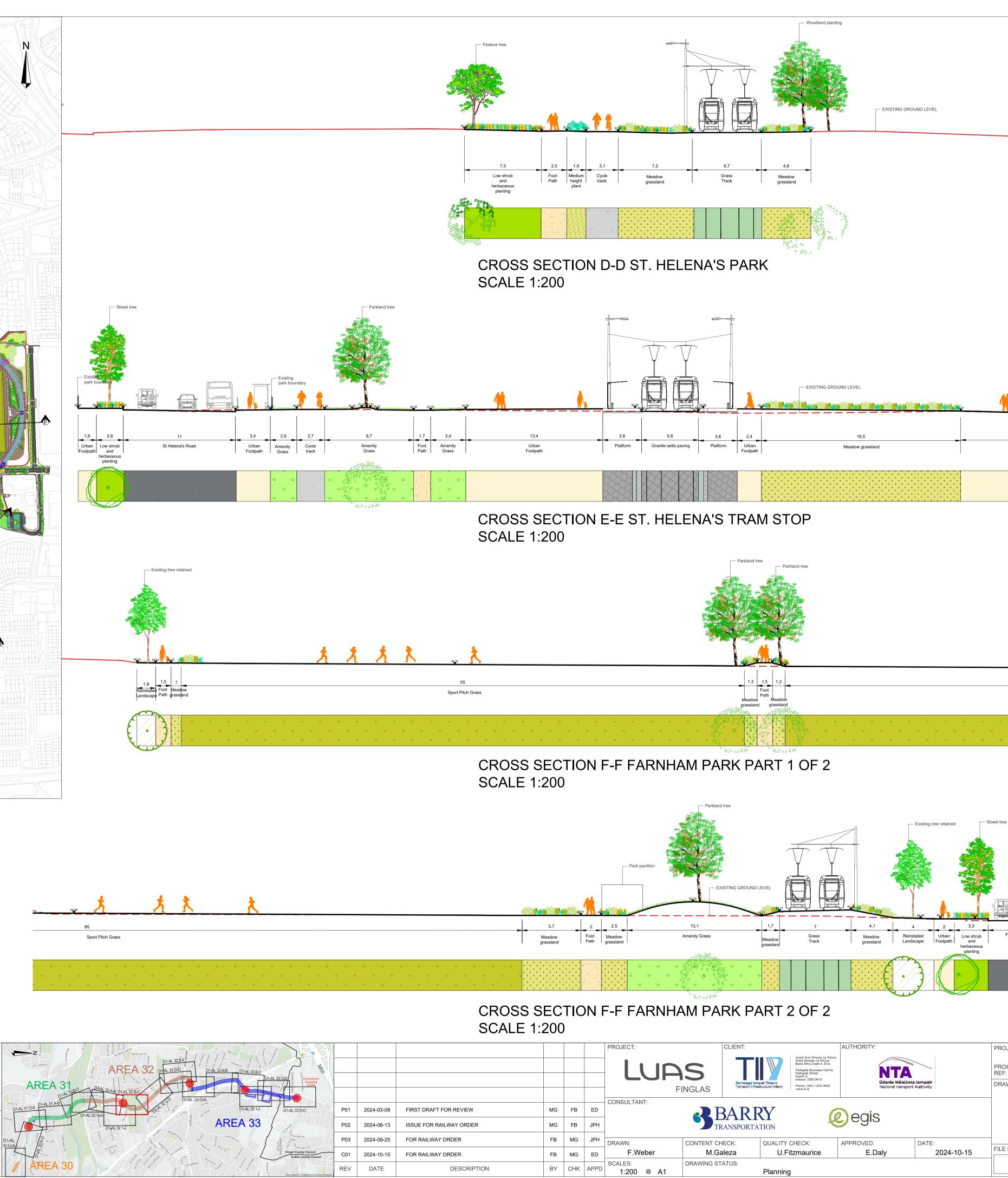
	Hard	Landsca	pe Treatm	ents	
		Asphalt To carriag	eway		
		Asphalt	orm on carriage	wav	
		Asphalt co	ploured coating rian priority zoi	-	NGAW2V
		Granite se	etts paving		igeway
		Cobble se	orm on tram sto tt rumble strip	-	
			e pedestrian cr ggregate bitum	-	1
		-	nd cycle track track surfacing		
Existing boundary     to residential garden		To urban	cycle track track surfacing		
		To urban	cycle track	in aug finisk	
		To match	ggregate bitum to existing pavi	ng	1
		Exposed a To urban	ggregate concr footpath	ete	
		Concrete To match	paving to existing pavi	ng	
		Self-bindiı To parklaı	ng gravel nd resting area	and bike pa	irking
		Resin-bou To parklaı	nd gravel nd footpath		
		Stagger bo	ond granite pav top platform	ing	
		Granite pa	aving module		
			e paving modul	e	
		To SuDS a Grasscrete			
			e access area		
	02020202026	To tram st	top platform ed	ge	
		To tram st	one paving top platform ed	ge	
		Gravel Beneath s	tructure		
			ver stone paving espass feature	g	
		Wheel tra To anti-ve	p hicle feature		
	Soft L	andscap.	be Treatme	ents	
	() ()		ee removed		
Existing boundary		Street tree	ee retained	en.	Darkland tree
to residential garden					Parkland tree Feature tree
		SuDS tree			
	Ŷ	Edible tre	e	Caroline Sail	Woodland planting
	+ + + + + + + + +	Low shrub Meadow g	and herbaceou	us planting	
			neight plant mix	(	
	* * * * * * *		anting mix		
		Amenity g			
		Sport pitc	h grass   river/canal pla	nting	
		to be agre	eed with ecolog d landscape	ist	
		Grass trac			
		Planted tr	ack		
		Planted tr	ack on structur	e	
	Bound	dary Tre	atment		
		-	ence retained	-00	Type commercial
			all retained	+++++++++++++++++++++++++++++++++++++++	Park railing
		2m wall Type resid	dential	-00-	Low railing Ball stop fencing
		Wire-mes Noise bar	0		
		Boundary	remove & reus		economy)
			match to bridge all (circular eco		
	•••••••••	Existing ga Proposed	ate retained		
		rioposeu	gate		
	Street	t Furnitu	re		
	f##⊁ ⊠	Cycle stan Tree grille		• 0	Wooden bollard Litter bin
		Bench			Blister tactile paver
	8		bench (circular mass (circular e		
		Arch (circ OCS poles	ular economy)		
	•		, rn mounting he	ight	
	(†) (†)		rn mounting hei ern mounting h	-	
		Public Ligh	nting (Metering	-	oution)
		LRT Cabin	ets		
	Tram	Stop Fu	rniture		
			nding machine	T	OCS & Lighting column
		Tram stop	-		Ticket validator
		Litter bin Tram info	sign		Bus stop shelter
OSS SECTION MARKING A TO PLAN NO D1-AL 32 O-A					
OSS SECTION MARKINGS B AND C					
TO PLAN NO D1-AL 32 A-B		I			
LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCESS			CHAINAGE / C	ure AREA	AREA 32
LDD101			BASE MODEL REF:		
RAILWAY ORI					
LANDSCAPE CROSS SEC		5			
ST HELENA'S PARI					

NAME:	PLAN NUMBER:	SUITABII	ITY REVISION
LDD101-BEV-GA-GZ32-XX-DR-AL-00107	D1-AL 32 O-B	A4	C01





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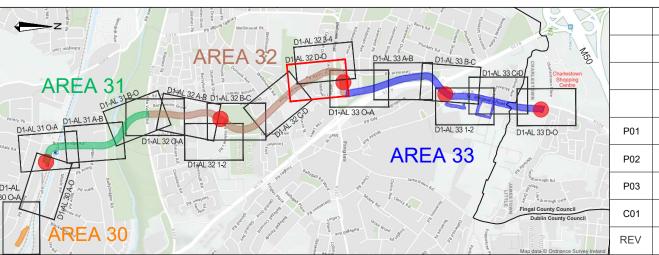
── Woodland planting	
	Hard Landscape Treatments
Feature tree	Asphalt To carriageway
	Asphalt To trackform on carriageway
	Asphalt coloured coating To pedestrian priority zone on carriageway
Existing boundary to residential garden	Granite setts paving To trackform on tram stop Cobble sett rumble strip
	To indicate pedestrian crossing Exposed aggregate bituminous finish
49.50	To parkland cycle track Buff cycle track surfacing
7,5 2,5 1,9 3,1 7,2 6,7 4,8	To urban cycle track Red cycle track surfacing
Low shrub Foot Medium Cycle Meadow Grass Meadow and Path height track grassland Track grassland	To urban cycle track Exposed aggregate bituminous finish
herbaceous plant planting	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
CROSS SECTION D-D ST. HELENA'S PARK	Stagger bond granite paving To tram stop platform
SCALE 1:200	Granite paving module To tram stop plaza
— Parkland tree	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
EXISTING GROUND LEVEL	To anti-trespass feature Wheel trap
	To anti-vehicle feature
sdes	Soft Landscape Treatments
8,71,73,413,413,43,85,63,82,419,521,1AmenityFootAmenityUrbanUrbanPlatformPlatformUrbanUrbanUrbanUrbanUrban	Existing tree removed
Amenity Grass     Foot Path     Amenity Grass     Urban     Urban     Urban     Urban       Amenity Grass     Path     Grass     Path     Grass     Path     Path     Urban	<ul> <li>Existing tree retained</li> <li>Street tree</li> <li>Parkland tree</li> </ul>
	SuDS tree Feature tree
	Edible tree Woodland planting
	Low shrub and herbaceous planting
CROSS SECTION E-E ST. HELENA'S TRAM STOP	Meadow grassland
SCALE 1:200	Medium height plant mix Screen planting mix
Parkland tree     Parkland tree	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 Type commercial
55     1,3     1,2       Sport Pitch Grass     Foot Path	Existing wall retained The Park railing 2m wall Existing Low railing
Path   Meadow Meadow grassland grassland	Type residential Ball stop fencing Wire-mesh fencing
	<ul> <li>Noise barrier</li> <li>Boundary remove &amp; reuse (circular economy)</li> </ul>
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Parapet (match to bridge parapet)
	<ul><li>Existing gate retained</li><li>Proposed gate</li></ul>
CROSS SECTION F-F FARNHAM PARK PART 1 OF 2	
SCALE 1:200	Street Furniture  #### Cycle stands   Wooden bollard
Parkland tree	Image: Second
Existing tree retained Street tree	Concrete bench (circular economy)
	Arch (circular economy)
	<ul> <li>OCS poles</li> <li>5m Lantern mounting height</li> </ul>
	<ul> <li>8m Lantern mounting height</li> <li>10m Lantern mounting height</li> </ul>
	<ul> <li>Public Lighting (Metering and Distribution)</li> </ul>
	Tram Stop Furniture
5,7     2     2,5     13,1     1,7     7     4,1     4     2     3,3     6     3,1       Meadow     Foot     Meadow     Amenity Grass     Meadow     Grass     Meadow     Reinstated     Low shrub     Farnham Drive     Reinstated       Meadow     Path     resolved     Track     Track     resolved     Landscape     Footpath     and	
Meadow     Foot grassland     Meadow     Amenity Grass     Grass Meadow     Meadow     Reinstated grassland     Urban     Low shrub     Farnham Drive     Reinstated Landscape	Ticket vending machine CCS & Lighting column Tram stop shelter Ticket validator
Meadow grassland     Foot Path     Meadow grassland     Amenity Grass Path     Grass grassland     Meadow grassland     Reinstated Landscape     Urban Footpath     Low shrub and herbaceous planting     Farnham Drive     Reinstated Landscape	Ticket vending machine L OCS & Lighting column Tram stop shelter I Ticket validator
Meadow grassland     Foot hath     Meadow grassland     Amenity Grass     Meadow grassland     Grass Track     Meadow grassland     Reinstated Landscape     Low shrub and herbaceous planting     Farnham Drive     Reinstated Landscape       V     <	Ticket vending machineLicket vending columnTram stop shelterTicket validatorLitter binBus stop shelter
Meadow grassland     Foot path     Meadow grassland     Amenity Grass     Meadow grassland     Grass Track     Meadow grassland     Reinstated Landscape     Urban herbaceous planting     Low shrub and berbaceous planting     Farnham Drive     Reinstated Landscape       V </td <td>Ticket vending machineLicket vending columnTram stop shelterTicket validatorLitter binBus stop shelter</td>	Ticket vending machineLicket vending columnTram stop shelterTicket validatorLitter binBus stop shelter
Meadow grassland V V V V V V V V V V V V V V V V V V V	<ul> <li>Ticket vending machine</li> <li>Tram stop shelter</li> <li>Litter bin</li> <li>Tram info sign</li> </ul>
Meadow grassland Meadow Meadow	<ul> <li>Ticket vending machine</li> <li>Tram stop shelter</li> <li>Litter bin</li> <li>Tram info sign</li> </ul>
Meadow       Port       Meadow       Amenity Grass       Grass       Meadow       Reinstated       Under Strand       Reinstated       Reinstated <th< td=""><td>ID F Y CHAINAGE / CORE AREA: AREA 32 CHAINAGE / CORE AREA: AREA 32</td></th<>	ID F Y CHAINAGE / CORE AREA: AREA 32 CHAINAGE / CORE AREA: AREA 32
Image: Construction of the second of the	ID F Y CHAINAGE / CORE AREA: AREA 32
Image: Construction of the start of the	ID F Y ESS CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF: BASE MODEL REF:
Mestor       Mestor       Arrenty Gass       Mestor       Mestor<	ID F Y ESS CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF: CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF:
Image: The first	ID F Y ESS CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF: CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF:
Multiple       Peril       Description       Anny Grass       Description	ID F Y ESS CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF: CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF:
Method	ID F Y ESS CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF: CHAINAGE / CORE AREA: AREA 32 BASE MODEL REF:

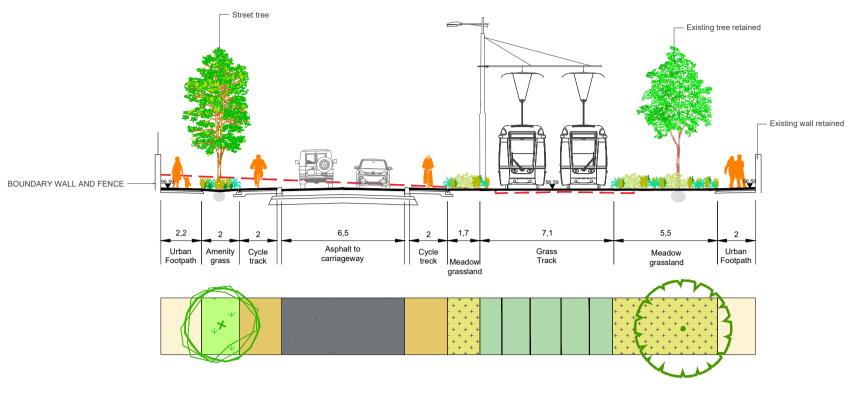


## SECTION LOCATION KEY PLAN NOT TO SCALE (NTS)

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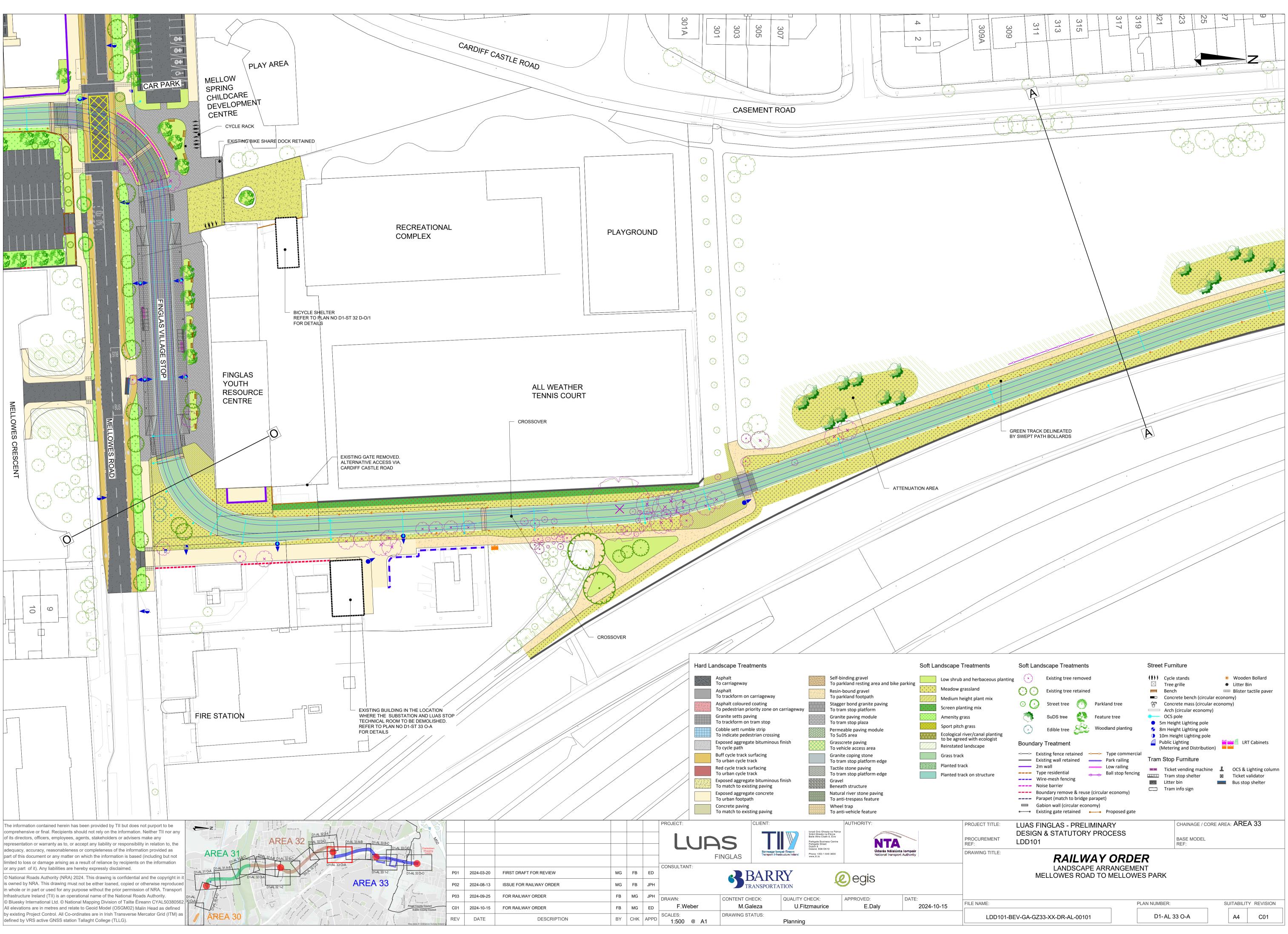


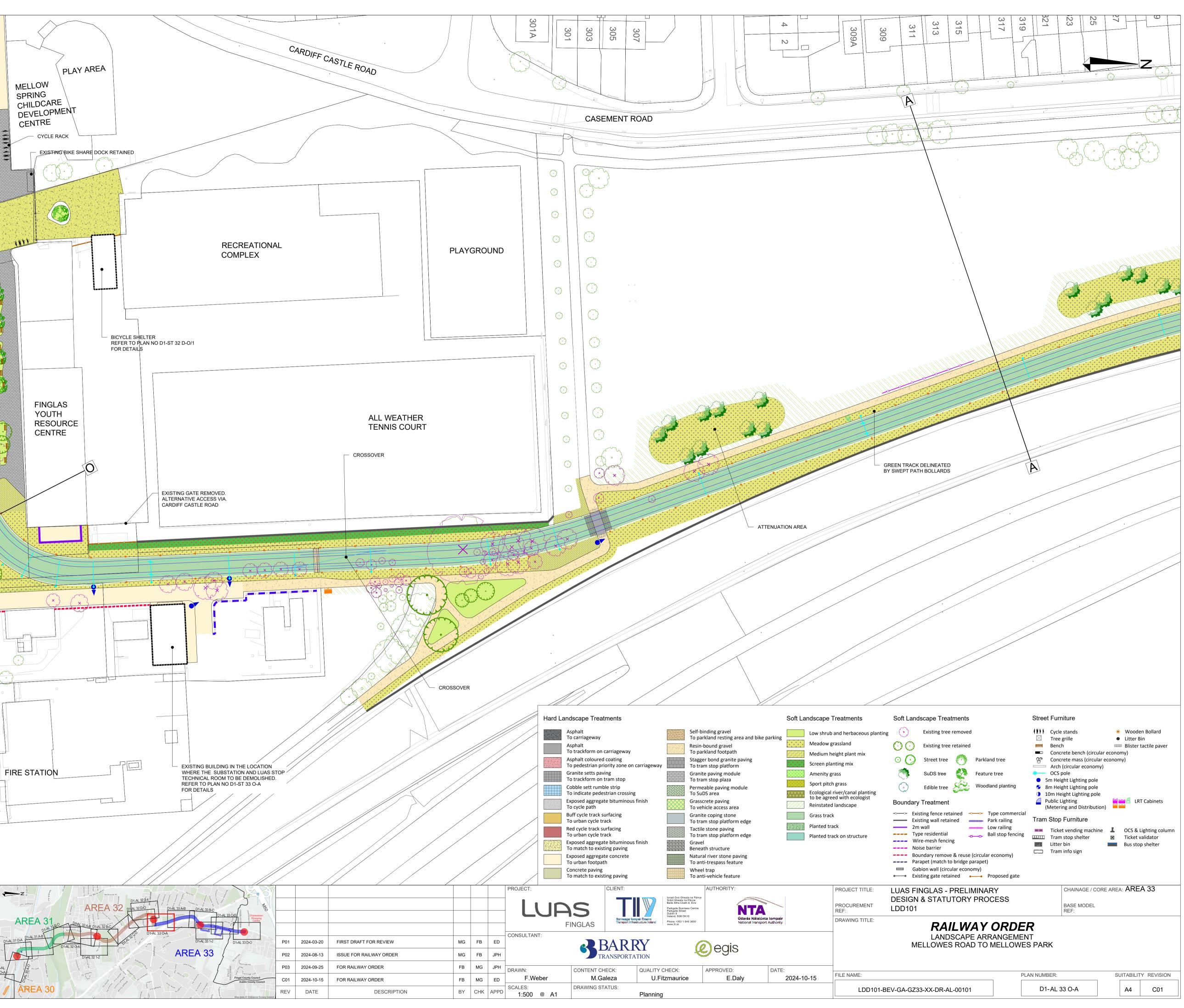


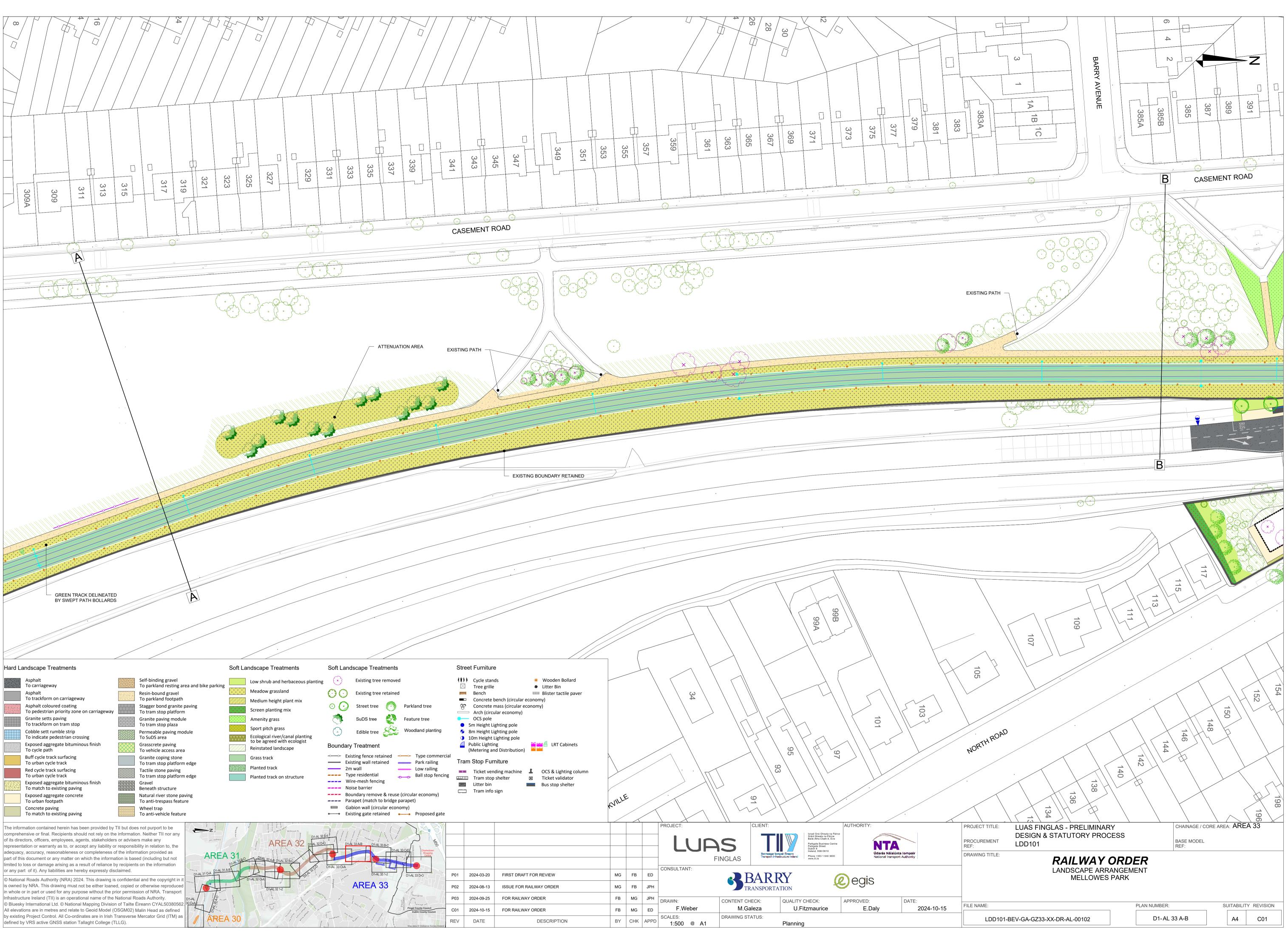
CROSS SECTION G-G PATRICKS WELL PLACE SCALE 1:200

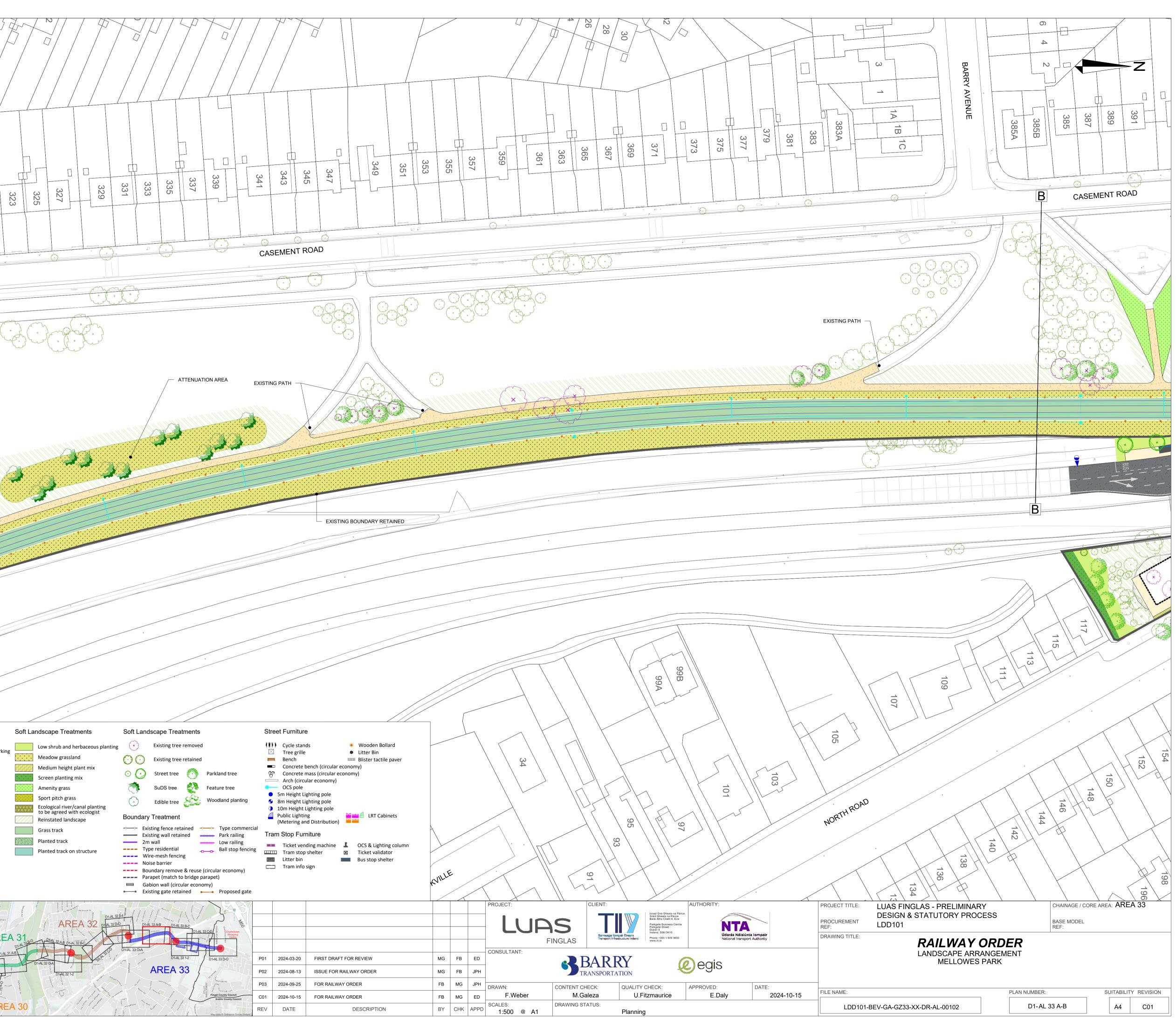
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				PROJECT:	CLIE	ENT:		AUTHORITY:		PROJECT TITLE:
						Bonneagar Iompair Éireann Transport Infrastructure Ireland	Ionad Gnó Gheata na Páirce Sráid Gheata na Páirce Baile Átha Clath 8, Éire Parkgate Business Centre Parkgate Street Dublin 8 Ireland, D08 DK10 Phone +353 1 646 3600 www.tijis	NTA Údarás Náisiúr	nta lompair	PROCUREMENT REF: DRAWING TITLE:
					INGLAS					
2024-03-08	FIRST DRAFT FOR REVIEW	6 FB	ED	CONSULTANT:		RRY	G			
2024-08-13	ISSUE FOR RAILWAY ORDER MO	6 FB	JPH	-			Ke Ke	egis		
2024-09-25	FOR RAILWAY ORDER FE	MG	JPH	DRAWN:	CONTENT CHECK	: QUALITY	CHECK:	APPROVED:	DATE:	_
2024-10-15	FOR RAILWAY ORDER FE	MG	ED	F.Weber	M.Galeza	a U.Fi	tzmaurice	E.Daly	2024-10-15	FILE NAME:
DATE	DESCRIPTION BY	СНК	APPD	SCALES: 1:200 @ A1	DRAWING STATUS		l			LDD10
	2024-08-13 2024-09-25 2024-10-15	2024-08-13ISSUE FOR RAILWAY ORDERMG2024-09-25FOR RAILWAY ORDERFB2024-10-15FOR RAILWAY ORDERFB	2024-08-13ISSUE FOR RAILWAY ORDERMGFB2024-09-25FOR RAILWAY ORDERFBMG2024-10-15FOR RAILWAY ORDERFBMG	2024-08-13ISSUE FOR RAILWAY ORDERMGFBJPH2024-09-25FOR RAILWAY ORDERFBMGJPH2024-10-15FOR RAILWAY ORDERFBMGED	Image: state of the state	2024-03-08       FIRST DRAFT FOR REVIEW       MG       FB       ED         2024-03-08       FIRST DRAFT FOR REVIEW       MG       FB       ED         2024-09-25       FOR RAILWAY ORDER       MG       FB       JPH         2024-10-15       FOR RAILWAY ORDER       FB       MG       ED         DATE       DESCRIPTION       RX       CUK       APPE	Image: Second state in the second s	Image: Construction of the state of the	Image: Contract of the contract	Image: Construction of the construc

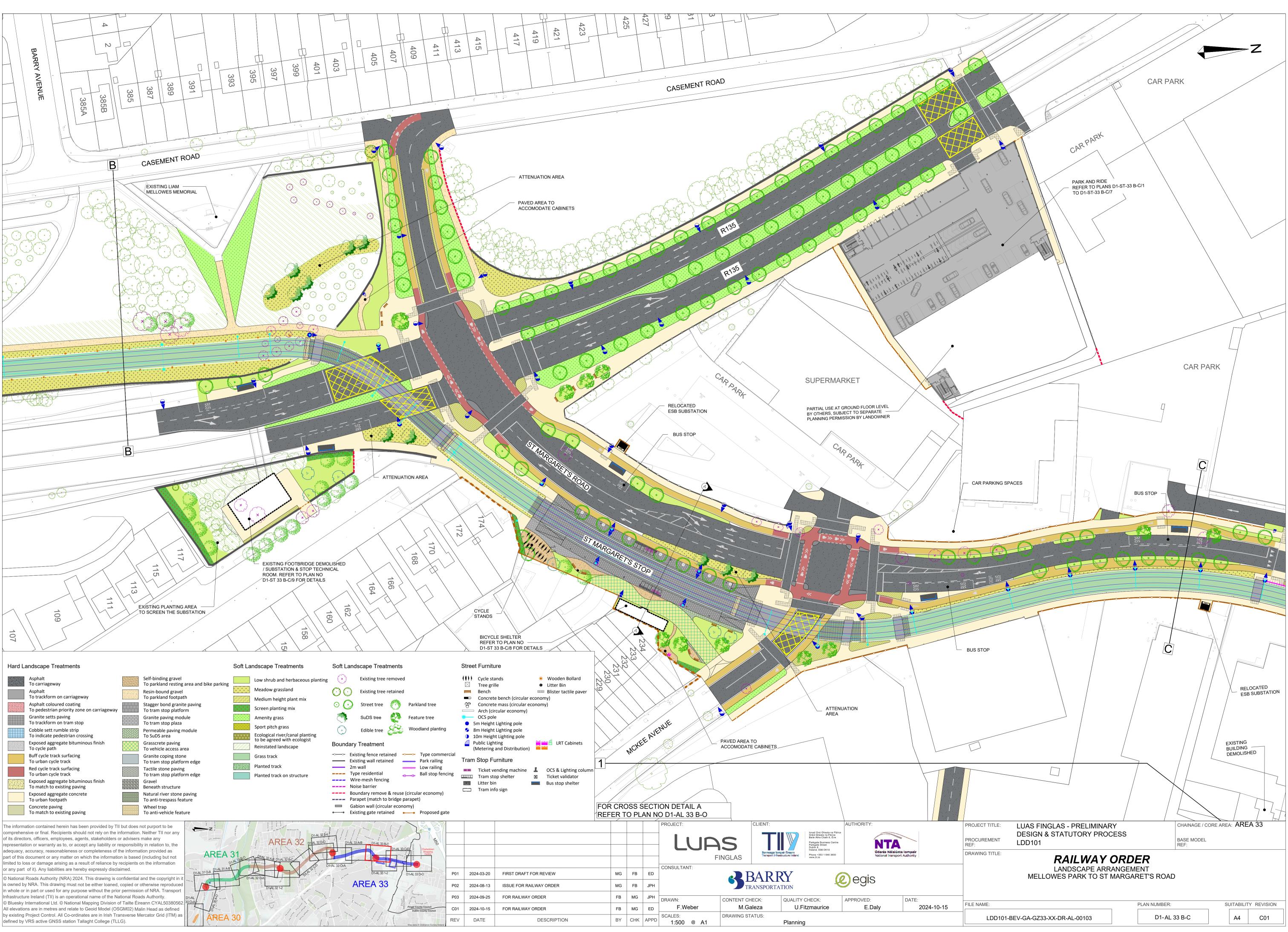
			Asphalt To carriag Asphalt To trackf Asphalt of To pedes Granite s To trackf Cobble se To indica Exposed a To parkla Buff cycle To urban Exposed a To urban Concrete To urban Stagger b To tram s Consult Contan Con	orm on carriagew oloured coating trian priority zon etts paving orm on tram stop ett rumble strip te pedestrian cro aggregate bitumi nd cycle track track surfacing cycle track track surfacing cycle track aggregate bitumi to existing pavin aggregate concre footpath paving to existing pavin ing gravel nd resting area a und gravel nd footpath bond granite pavin top platform aving module top platform aving module top platform edg one paving top platform edg one paving top platform edg one paving top platform edg	vay e on carria o ossing nous finish nous finish ng nd bike pa ng ge ge	1	
			Street tree SuDS tree Edible tree Low shru Meadow Medium Screen pl Amenity Sport pite Ecologica to be agr Reinstate Grass tra Planted t	ee b and herbaceou grassland height plant mix grass ch grass ch grass	nting st	Parklan Feature Woodla	
			Existing f Existing v 2m wall Type resi Wire-me Noise bar Boundary Parapet ( Gabion w	ence retained vall retained dential sh fencing rrier v remove & reuse match to bridge vall (circular econ vate retained	parapet)	Park rai Low rai Ball sto	ling p fencing
		Street	Concrete Arch (circ OCS pole 5m Lante 8m Lante 10m Lant	nds e bench (circular e mass (circular ec cular economy) s rn mounting hei ern mounting hei tern mounting hei hting (Metering a	conomy) ght gnt ight	Litter b Blister t	n bollard in tactile paver
		Tram S	Stop Fu Ticket ve Tram sto Litter bin Tram infe	nding machine p shelter	<b>1</b> 2	Ticket v	Lighting column validator p shelter
FOR CROSS SECTION MARKING G REFER TO PLAN NO D1-AL 32 D-O/ DJECT TITLE: LUAS FINGLAS - PRELIMINARY DESIGN & STATUTORY PROCE DCUREMENT LDD101 WING TITLE: WING TITLE: RAILWAY C LANDSCAPE CROSS PATRICKSWELL	TESS	FIONS		CHAINAGE / CC BASE MODEL REF:	DRE AREA	ARE	A 32
LDD101-BEV-GA-GZ32-XX-DR-AL-00109		PLAN NI		32 D-O/2	SU	IITABILIT A4	C01







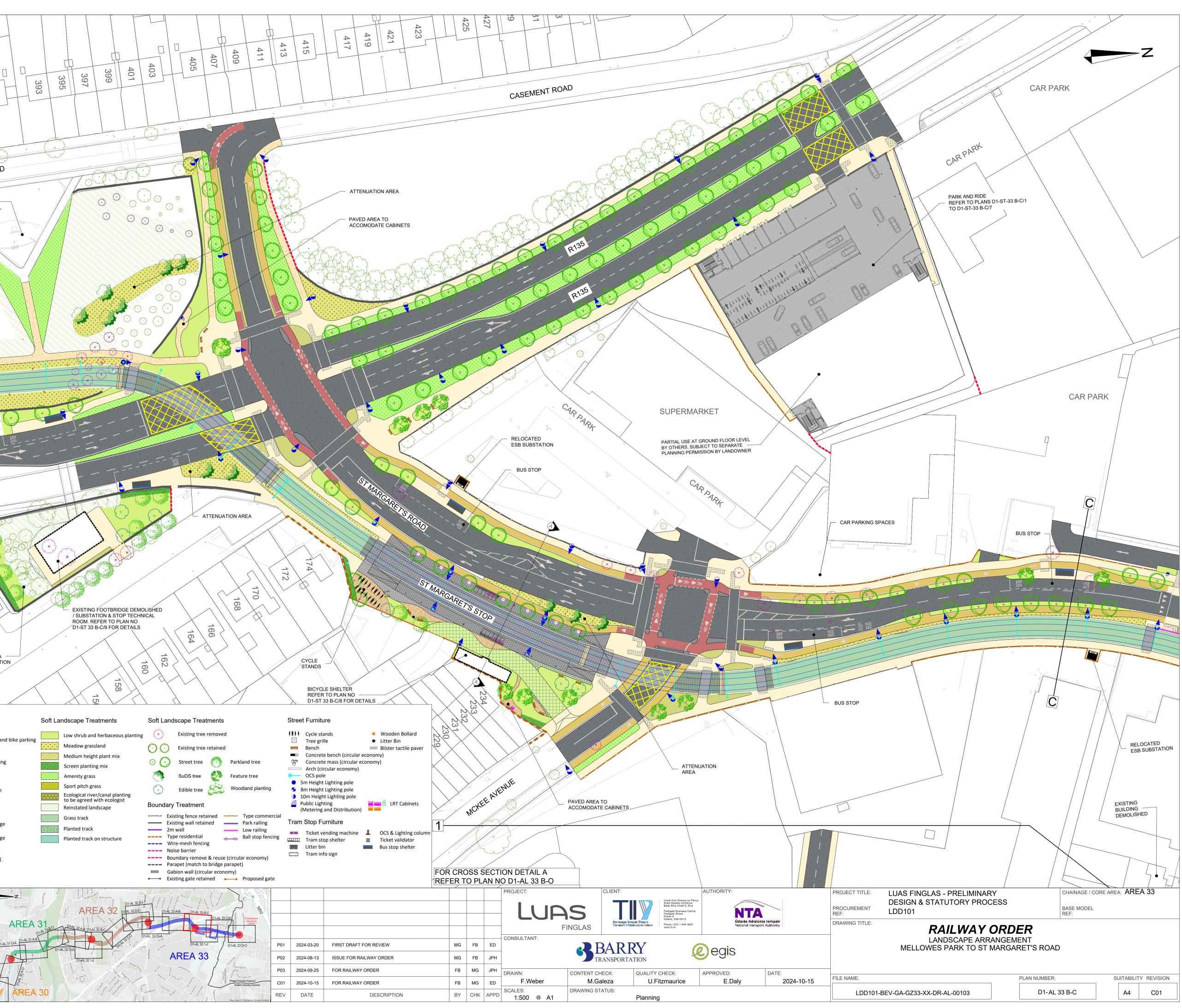


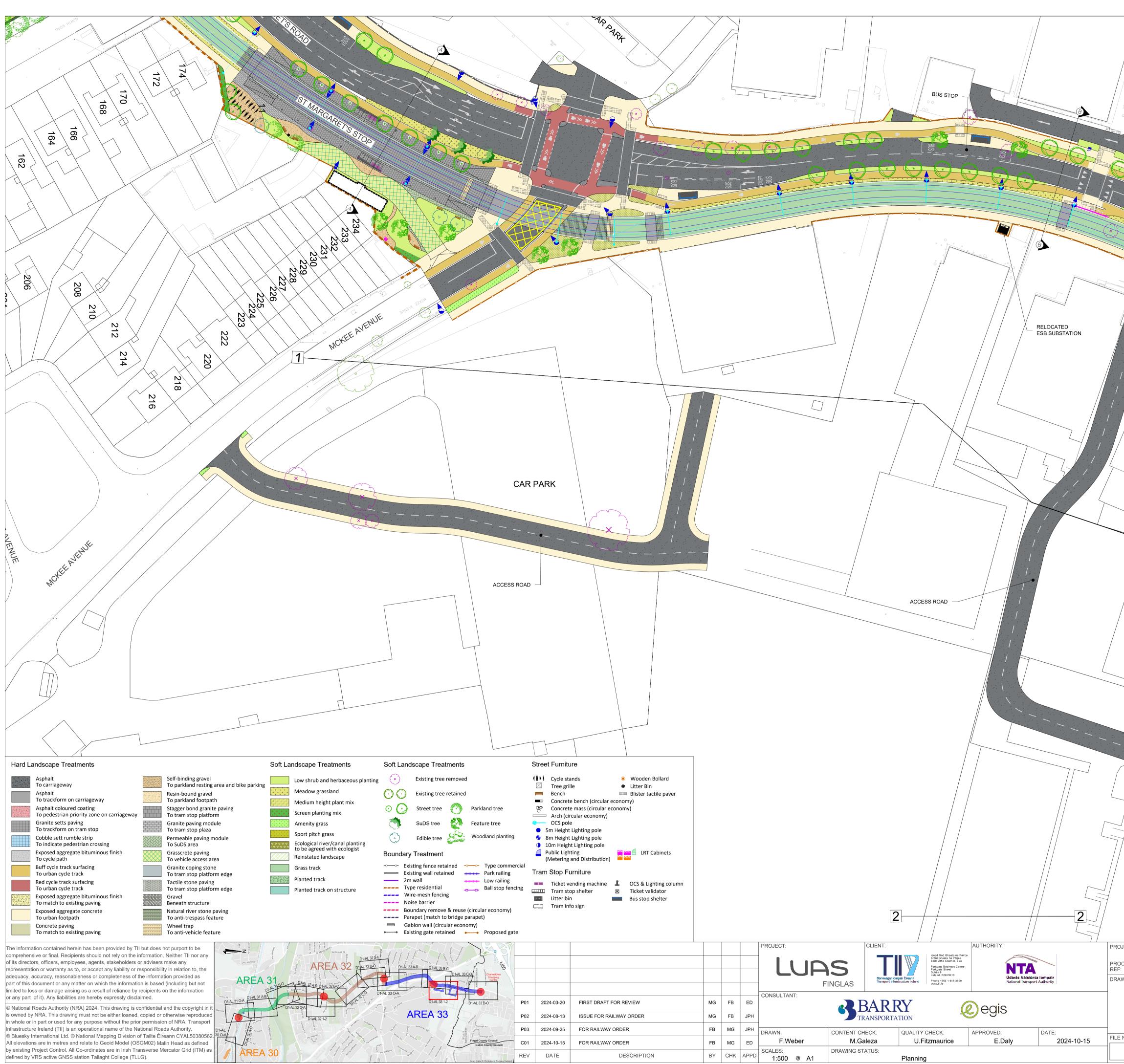


Asphalt To carriageway
Asphalt To trackform on carriageway
Asphalt coloured coating To pedestrian priority zone on carriageway
Granite setts paving To trackform on tram stop
Cobble sett rumble strip To indicate pedestrian crossing
Exposed aggregate bituminous finish To cycle path
Buff cycle track surfacing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

and and a second	Self-binding gravel To parkland resting area and bike parki
	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

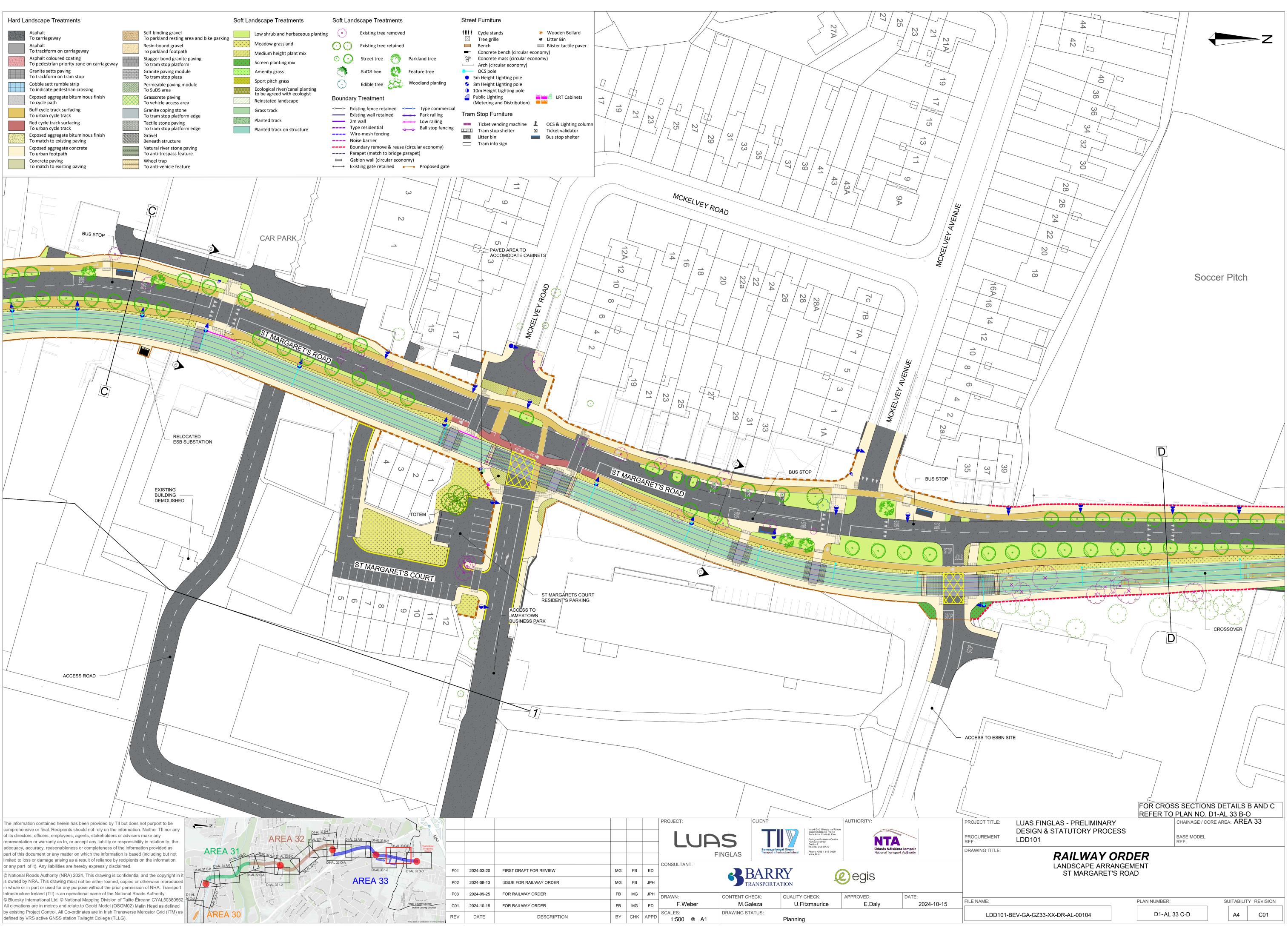
	Soft Landscape Treatments							
planting	$\langle \times \rangle$	Existing tree removed						
	OC	Existing tree retained						
	$\odot$	Street tree 🥂 Parkland tree						
ing t	<b></b>	SuDS tree 🧖 Feature tree						
	٩	Edible tree 🔬 Woodland planting						
	Boundary Treatment							
		Existing fence retainedImage: Type commercialExisting wall retainedPark railing2m wallLow railingType residentialBall stop fencingWire-mesh fencingNoise barrier						
	Boundary remove & reuse (circular economy) Parapet (match to bridge parapet)							
		Gabion wall (circular economy)						

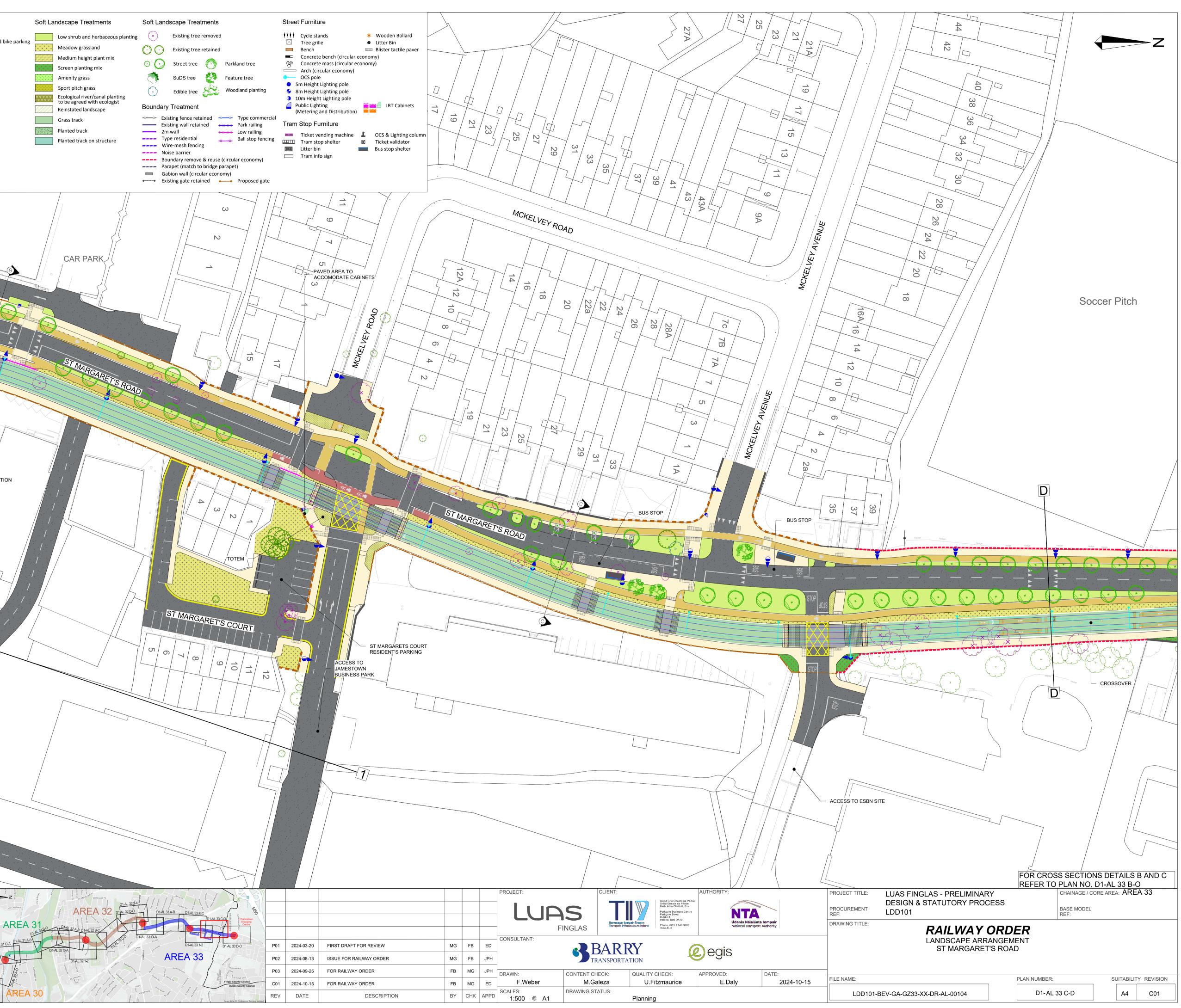


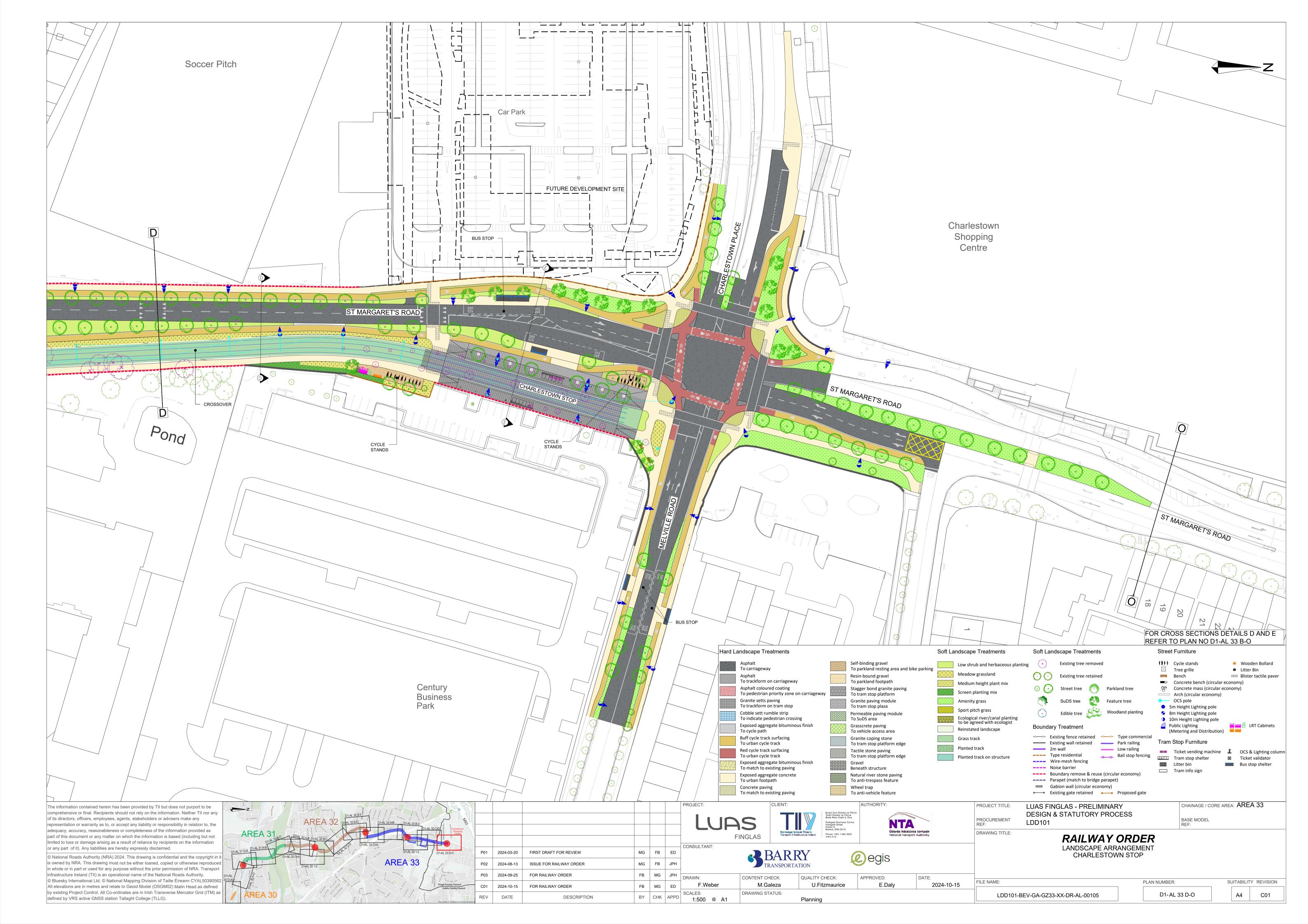




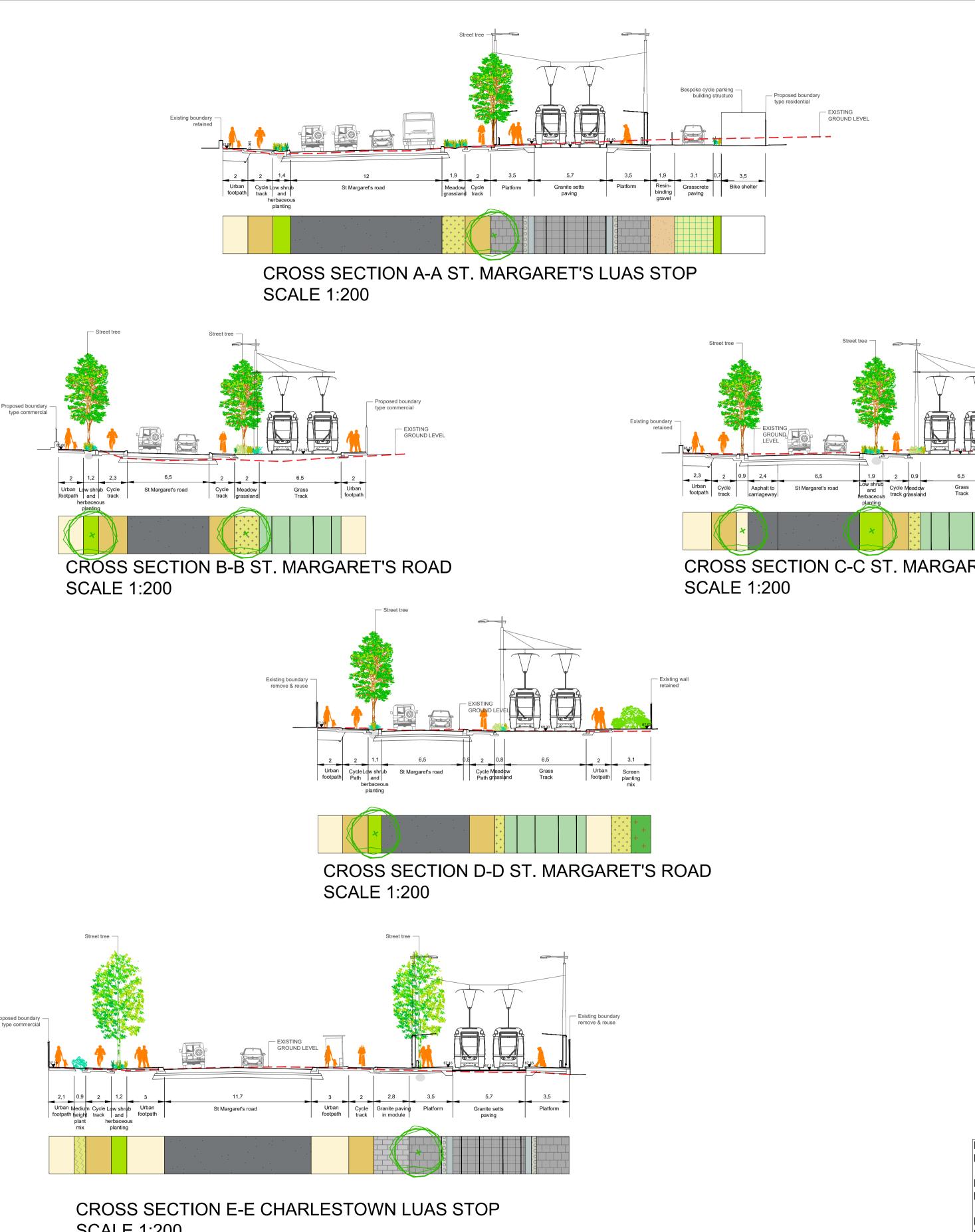
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	NGLAS - PRELIMINARY	/ REFER TO	SS SECTIONS DET PLAN NO D1-AL 3 CHAINAGE / CORE AREA	33 B-O
CUREMENT LDD101	I & STATUTORY PROCE <b>RAILWAY C</b> LANDSCAPE ARRA JAMESTOWN BP AC	DRDER INGEMENT	BASE MODEL REF:	
NAME:		PLAN NUMBER:	SU	ITABILITY REVISION
LDD101-BEV-GA-GZ	33-XX-DR-AL-00106	D1-AL 3	33 1-2	A4 C01



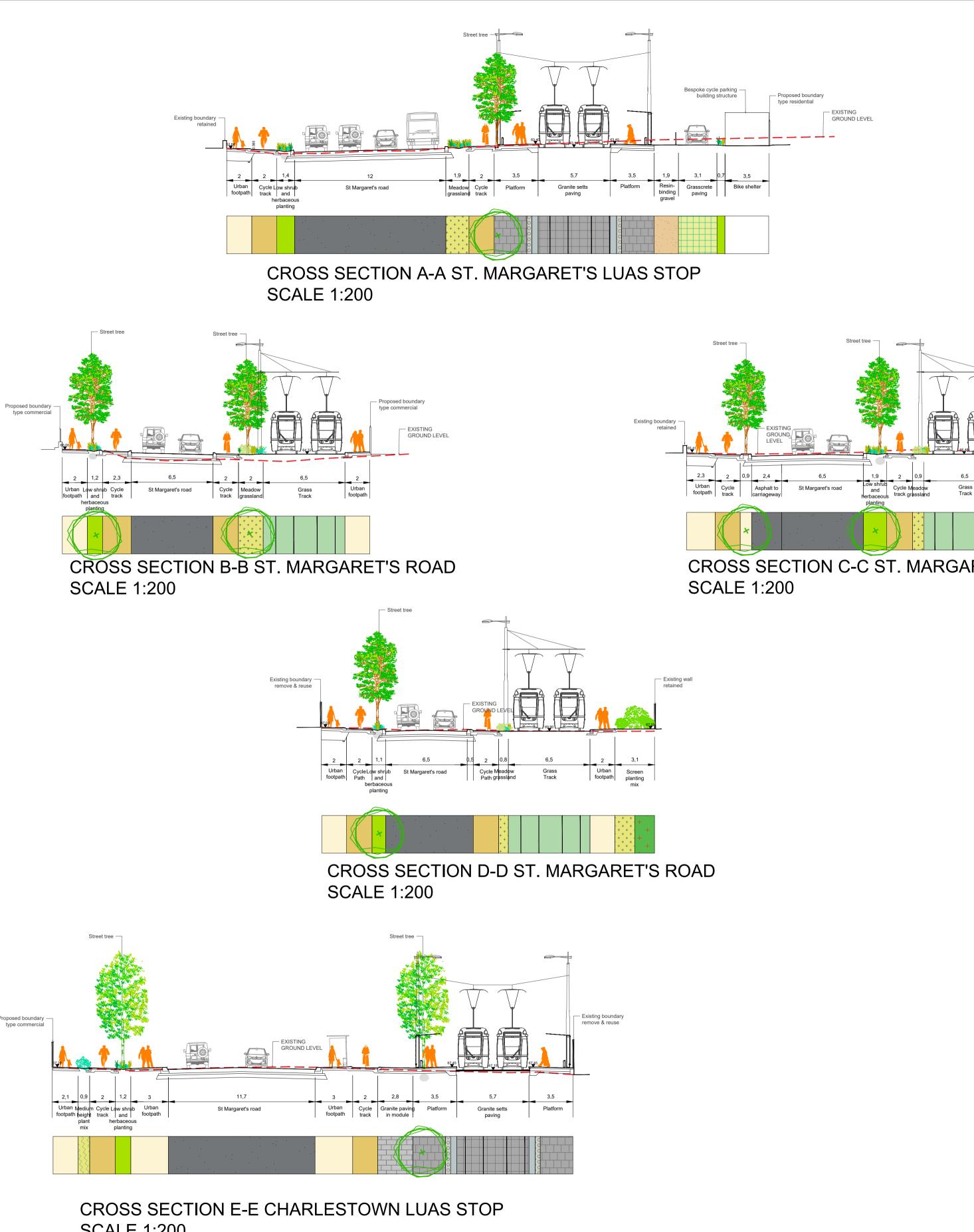








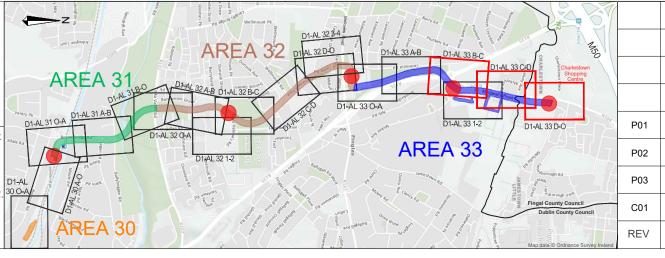
SECTION LOCATION KEY PLAN NOT TO SCALE (NTS)



# SCALE 1:200

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					PROJECT:		CLIENT:		AUTHORITY:		PROJEC
					LUF		Bonneagar lompair Éireann Transport Infrestructure I refand	Ionad Gnó Gheata na Páirce Sráid Gheata na Páirce Baile Átha Cliath 8, Éire Parkgate Business Centre Parkgate Street Dublin 8 Ireland, D08 DK10 Phone +353 1 646 3600	NTTA Údarás Nálsii National Transj	inta lompair	PROCUI REF: DRAWIN
						FINGLAS		www.tii.ie			
2024-03-20	FIRST DRAFT FOR REVIEW	MG	FB	ED	CONSULTANT:		BARRY	G			
2024-08-13	ISSUE FOR RAILWAY ORDER	MG	FB	JPH			BARRY Legis				
2024-09-25	FOR RAILWAY ORDER	FB	MG	JPH	DRAWN:	CONTENT C	HECK: QUALITY	CHECK:	APPROVED:	DATE:	
2024-10-15	FOR RAILWAY ORDER	FB	MG	ED	F.Weber	M.G	aleza U.F	itzmaurice	E.Daly	2024-10-15	FILE NA
DATE	DESCRIPTION	BY	СНК	APPD	SCALES: 1:200 @ A1	DRAWING S	TATUS: Planning	g			

	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
$\overline{\sqrt{2}}$	Granite coping stone
Proposed boundary	To tram stop platform edge Tactile stone paving
type commercial	To tram stop platform edge
	Gravel Beneath structure
	Natural river stone paving To anti-trespass feature
	Wheel trap
	To anti-vehicle feature
Urban footpath	Soft Landscape Treatments
	Existing tree removed
	(··) (··) Existing tree retained
	💽 💿 Street tree 🌕 Parkland tree
RET'S ROAD	SuDS tree Feature tree
KET O KOAD	C Edible tree Woodland planting
	Voodland planting
	Low shrub and herbaceous planting
	Meadow grassland
	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 Type commercial
	Existing wall retained
	2m wall     2m wall     Cow railing     Type residential     Ball stop fencing
	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
	t # P Cycle stands ● Wooden bollard
	☑ Tree grille ☑ Litter bin ■ Bench ■ Blister tactile paver
	Concrete bench (circular economy)
	Concrete mass (circular economy) Arch (circular economy)
	<ul> <li>OCS poles</li> </ul>
	<ul> <li>5m Lantern mounting height</li> <li>8m Lantern mounting height</li> </ul>
	10m Lantern mounting height
	<ul> <li>Public Lighting (Metering and Distribution)</li> <li>LRT Cabinets</li> </ul>
	Tram Stop Furniture
	Ticket vending machine
FOR CROSS SECTIONS MARKING A	Tram stop shelter   Ticket validator
REFER TO PLAN NO D1-AL 33 B-C	Litter bin Bus stop shelter Tram info sign
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	
UECT TITLE: LUAS FINGLAS - PRELIMINARY	CHAINAGE / CORE AREA: AREA 33
DESIGN & STATUTORY PROCESS	BASE MODEL
WING TITLE:	REF:
RAILWAY ORI	
LANDSCAPE CROSS SE MELLOWES PARK TO ST MARG	
IVIELLUVVES PARK TU ST MARC	
NAME:	PLAN NUMBER: SUITABILITY REVISION
LDD101-BEV-GA-GZ33-XX-DR-AL-00107	D1-AL 33 B-O A4 C01