

Limerick WWTP Upgrade and Regional Bioresource Centre

Appendix 15.1 - Landscape Masterplan & Planting Plan

June 2026



Formerly JB Barry Partners who became part of Egis in 2023



GENERAL NOTES

- ALL DIMENSIONS SHOWN ARE IN METRES UNLESS OTHERWISE STATED AND LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE.
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO JBA CONSULTING IMMEDIATELY.
- THE LOCATIONS OF ANY KNOWN SERVICES SHOWN ON THIS DRAWING ARE APPROXIMATE AND FOR GUIDANCE ONLY. THE TRUE LOCATIONS OF ALL SERVICES SHALL BE CONFIRMED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- THE ELECTRONIC VERSION OF THIS DRAWING IS NOT TO BE USED FOR SETTING OUT.
- ANY VEGETATION CLEARANCE TO TAKE PLACE OUTSIDE THE BIRD NESTING SEASON

LEGEND

SITE BOUNDARY

OWNERSHIP BOUNDARY

GREEN BOUNDARY

EXISTING TREES TO BE RETAINED

EXISTING TREES TO BE REMOVED

EXISTING VEGETATION TO BE RETAINED AND ENHANCED

EXISTING VEGETATION TO BE REMOVED

EXISTING HEDGE TO BE RETAINED

PROPOSED TREE PLANTING

PROPOSED YOUNG WOODLAND PLANTING

PROPOSED TREE REMOVAL RESTRICTED TO MINIMUM WIDTH REQUIRED FOR ACCESS (ABOUT 5M)

PROPOSED DEADWOOD RETENTION: FELLED TREES REUSED ON-SITE FOR BIODIVERSITY ENHANCEMENT

PROPOSED MEADOW MANAGEMENT

PROPOSED GRASSCRETE

PROPOSED SWIFT BOX - INDICATIVE LOCATION

PROPOSED KESTREL NESTING BOX - INDICATIVE LOCATION

PROPOSED BAT BOX - INDICATIVE LOCATION

EXISTING FENCE

EXISTING FENCE TO BE REMOVED

EXISTING GATE

PROPOSED FENCE

EXISTING ROAD

EXISTING FOOTPATH

EXISTING STRUCTURES

PROPOSED STRUCTURES

C02	Updated Site Boundary	28/07/26	PP	PP	CP	BOC
C01	Accepted version	22/06/26	PP	PP	CP	BOC
P02	Update according to the feedback	09/04/26	PP	PP	CP	BOC
P01	Limerick Wastewater Treatment Plant Landscape Masterplan & Planting Plan	25/03/26	PP	PP	CP	BOC
Rev.	Description	Date	Author	Designer	Checker	Approver

Document Control

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Project Title

Limerick WWTP upgrade and Regional Bioresource Centre

Drawing Title

Limerick Wastewater Treatment Plant Landscape Masterplan & Planting Plan

Client

Egis Engineering Ireland Ltd

Parent Model

GRF-JBAI-XX-XX-DR-L-0001-0002-A3-C02-Landscape_Masteplan_& Planting_Plan.dwg

Security Classification

OFFICIAL

Scale

1:1250

Author

PP

Designer

PP

Checker

CP

Approver

BOC

Suitability

PUBLISHED DEFINITION

Status

A3

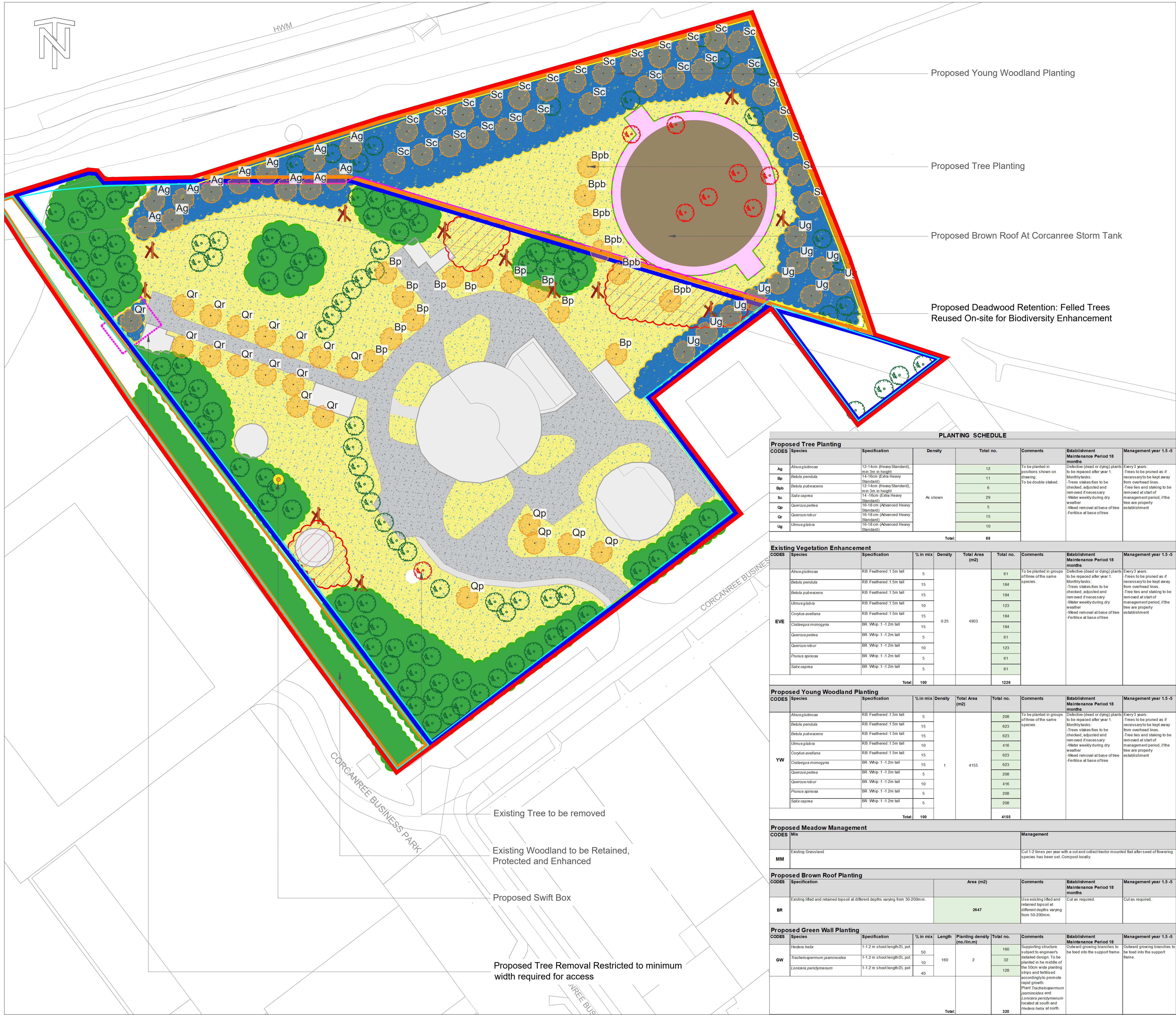
Revision

C02

Information Container

GRF-JBAI-XX-XX-DR-L-0001

A1 Sheet Size



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- LEGEND
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 - OWNERSHIP BOUNDARY
 - GREEN BOUNDARY
 - EXISTING TREES TO BE RETAINED
 - EXISTING TREES TO BE REMOVED
 - EXISTING VEGETATION TO BE RETAINED AND ENHANCED
 - EXISTING VEGETATION TO BE REMOVED
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 - PROPOSED TREE PLANTING
 - PROPOSED YOUNG WOODLAND PLANTING
 - PROPOSED TREE REMOVAL RESTRICTED TO MINIMUM WIDTH REQUIRED FOR ACCESS (ABOUT 5M)
 - PROPOSED DEADWOOD RETENTION: FELLED TREES REUSED ON-SITE FOR BIODIVERSITY ENHANCEMENT
 - PROPOSED MEADOW MANAGEMENT
 - PROPOSED BROWN ROOF AT CORCANREE STORM TANK
 - PROPOSED GREEN WALL AT CORCANREE STORM TANK
 - PROPOSED SWIFT BOX - INDICATIVE LOCATION
 - EXISTING FENCE
 - EXISTING FENCE TO BE REMOVED
 - EXISTING GATE
 - PROPOSED FENCE
 - EXISTING ROAD
 - EXISTING FOOTPATH

PLANTING SCHEDULE									
Proposed Tree Planting									
CODES	Species	Specification	Density		Total no.	Comments	Establishment Maintenance Period 18 months	Management year 1.5-5	
Ag	<i>Alnus glutinosa</i>	12-14cm (Heavy Standard), min 3m in height	As shown		12	To be planted in positions shown on drawing. To be double staked.	Defective (dead or dying) plants to be replaced after year 1. Monthly tasks: - Trees stakes/fies to be checked, adjusted and removed if necessary - Water weekly during dry weather - Weed removal at base of tree - Fertilise at base of tree	Every 3 years: - Trees to be pruned as if necessary to be kept away from overhead lines - Tree ties and staking to be removed at start of management period, if the tree are properly establishment	
Bp	<i>Betula pendula</i>	14-16cm (Extra Heavy Standard)		11					
Bpb	<i>Betula pubescens</i>	12-14cm (Heavy Standard), min 3m in height		6					
Sc	<i>Salix caprea</i>	14-16cm (Extra Heavy Standard)		29					
Qp	<i>Quercus petraea</i>	16-18 cm (Advanced Heavy Standard)		5					
Qr	<i>Quercus robur</i>	16-18 cm (Advanced Heavy Standard)		15					
Ug	<i>Ulmus glabra</i>	16-18 cm (Advanced Heavy Standard)		10					
Total:					88				
Existing Vegetation Enhancement									
CODES	Species	Specification	% in mix	Density	Total Area (m2)	Total no.	Comments	Establishment Maintenance Period 18 months	Management year 1.5-5
EVE	<i>Alnus glutinosa</i>	RB Feathered 1.5m tall	5	0.25	4903	61	To be planted in groups of three of the same species. Defective (dead or dying) plants to be replaced after year 1. Monthly tasks: - Trees stakes/fies to be checked, adjusted and removed if necessary - Water weekly during dry weather - Weed removal at base of tree - Fertilise at base of tree	Every 3 years: - Trees to be pruned as if necessary to be kept away from overhead lines - Tree ties and staking to be removed at start of management period, if the tree are properly establishment	
	<i>Betula pendula</i>	RB Feathered 1.5m tall	15			184			
	<i>Betula pubescens</i>	RB Feathered 1.5m tall	15			184			
	<i>Ulmus glabra</i>	RB Feathered 1.5m tall	10			123			
	<i>Corylus avellana</i>	RB Feathered 1.5m tall	15			184			
	<i>Crataegus monogyna</i>	BR Whip 1-1.2m tall	15			184			
	<i>Quercus petraea</i>	BR Whip 1-1.2m tall	5			61			
	<i>Quercus robur</i>	BR Whip 1-1.2m tall	10			123			
	<i>Pinus apressa</i>	BR Whip 1-1.2m tall	5			61			
	<i>Salix caprea</i>	BR Whip 1-1.2m tall	5			61			
	Total:					100			
Proposed Young Woodland Planting									
CODES	Species	Specification	% in mix	Density	Total Area (m2)	Total no.	Comments	Establishment Maintenance Period 18 months	Management year 1.5-5
YW	<i>Alnus glutinosa</i>	RB Feathered 1.5m tall	5	1	4155	208	To be planted in groups of three of the same species. Defective (dead or dying) plants to be replaced after year 1. Monthly tasks: - Trees stakes/fies to be checked, adjusted and removed if necessary - Water weekly during dry weather - Weed removal at base of tree - Fertilise at base of tree	Every 3 years: - Trees to be pruned as if necessary to be kept away from overhead lines - Tree ties and staking to be removed at start of management period, if the tree are properly establishment	
	<i>Betula pendula</i>	RB Feathered 1.5m tall	15			623			
	<i>Betula pubescens</i>	RB Feathered 1.5m tall	15			623			
	<i>Ulmus glabra</i>	RB Feathered 1.5m tall	10			416			
	<i>Corylus avellana</i>	RB Feathered 1.5m tall	15			623			
	<i>Crataegus monogyna</i>	BR Whip 1-1.2m tall	15			623			
	<i>Quercus petraea</i>	BR Whip 1-1.2m tall	5			208			
	<i>Quercus robur</i>	BR Whip 1-1.2m tall	10			416			
	<i>Pinus apressa</i>	BR Whip 1-1.2m tall	5			208			
	<i>Salix caprea</i>	BR Whip 1-1.2m tall	5			208			
	Total:					100			
Proposed Meadow Management									
CODES	Mix	Management							
MM	Existing Grassland	Cut 1-2 times per year with a cut and collector tractor mounted flail after seed of flowering species has been set. Compost locally.							
Proposed Brown Roof Planting									
CODES	Specification	Area (m2)	Comments	Establishment Maintenance Period 18 months	Management year 1.5-5				
BR	Existing lifted and retained topsoil at different depths varying from 50-200mm.	2647	Use existing lifted and retained topsoil at different depths varying from 50-200mm.	Cut as required.	Cut as required.				
Proposed Green Wall Planting									
CODES	Species	Specification	% in mix	Length	Planting density (no./lin.m)	Total no.	Comments	Establishment Maintenance Period 18 months	Management year 1.5-5
GW	<i>Hedera helix</i>	1-1.2 m shoot length/2L pot	50	160	2	160	Supporting structure subject to Engineer's detailed design. To be planted in the middle of the 50cm wide planting strips and fertilised accordingly to promote rapid growth. Plant <i>Trachelospermum jasminoides</i> and <i>Lonicera periclymenum</i> located at south and <i>Hedera helix</i> at north.	To be bed into the support frame.	Outward growing branches to be tied into the support frame.
	<i>Trachelospermum jasminoides</i>	1-1.2 m shoot length/2L pot	10			32			
	<i>Lonicera periclymenum</i>	1-1.2 m shoot length/2L pot	40			128			
Total:						320			

C02	Updated Site Boundary	28/07/26	PP	PP	CP	BOC
C01	Accepted version	22/06/26	PP	PP	CP	BOC
P02	Update according to the feedback	09/04/26	PP	PP	CP	BOC
P01	Corcanree Pump Station Landscape Masterplan & Planting Plan	25/03/26	PP	PP	CP	BOC
Rev.	Description	Date	Author	Designer	Checker	Approver

Document Control					
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Project Title					
Limerick WWTP upgrade and Regional Bioresource Centre					

Drawing Title					
Corcanree Pump Station Landscape Masterplan & Planting Plan					

Client					
Egis Engineering Ireland Ltd					

Parent Model GRF-JBAI-XX-XX-DR-L-0001-0002-A3-C02-Landscape_Masteplan_& Planting_Plan.dwg					
Security Classification OFFICIAL			Scale 1:500		
Author PP	Designer PP	Checker CP	Approver BOC		
Suitability PUBLISHED DEFINITION			Status A3	Revision C02	
Information Container GRF-JBAI-XX-XX-DR-L-0002				A1 Sheet Size	