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REVISIONS			
DATE	REV.	BY	DESCRIPTION

  
 Travel & Transport - Active Travel  
 Merchants Quay  
 Limerick  
 DATE: 2022-04-28  
 SCALE: 1:1250  
 DRAWN: MS  
 CHECKED: APPROVED  
 JOB NO: LCC 18 0002


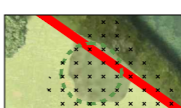


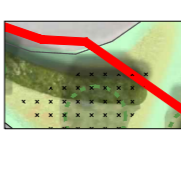


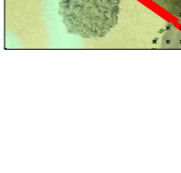



**PROJECT:** Quinns Cross to Raheen Roundabout Improvement Scheme  
**STAGE:** Part 8 Planning  
**DRAWING TITLE:** Key Plan

<b>DRAWING NO:</b> LP 01	<b>SHEET SIZE:</b> A1	<b>REVISION:</b> 00
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Hotel


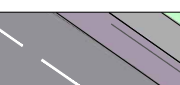



**Soft Landscape Legend:**

-  Red line boundary
-  Existing trees to be retained & protected  
Refer to Arbor Care drawings for details
-  Existing trees to be removed  
Refer to Arbor Care drawings for details
-  Lawn:  
50% Dwarf ryegrass  
45% Strong creeping red fescue  
5% Chewings fescue
-  Native Hedge planting:  
Planted on low mound in a double staggered row, 4no. /lin.m. (60-100cm tall with post and wire fence at centre):  
10% Viburnum opulus, b/r, 80-100cm  
30% Crataegus monogyna, b/r, 80-100cm  
10% Prunus spinosa, b/r, 100-120cm  
10% Rosa canina, b/r, 60-80cm  
30% Ilex aquifolium, rb, 60-80cm  
10% Euonymus europaeus  
Under-planted with 20% Asplenium scolopendrum, 20% Blechnum spicant, 30% Geranium sanguineum, 20% Fragaria vesca and 10% Hedera hibernica all 1L, planted at 3no./m<sup>2</sup> and seeded with native wildflower mix of Irish Provenance: 'Hedgerow Wildflower Mixture' (suitable for light shade - EC04 by 'Design by Nature') or equal and approved.
-  Specimen tree planting to include the following species:  
(all min. 2.0m clear stem)  
Quercus robur 'Fastigiata Koster', r/b, 18-20cm girth  
Carpinus betulus 'Frans Fontain', r/b, 18-20cm girth  
Pyrus calleryana 'Chanticleer', r/b, 18-20cm girth  
Prunus avium 'Pleas', r/b, 16-18cm girth  
Fagus sylvatica, r/b, 16-18cm girth  
Quercus robur, r/b, 16-18cm girth  
Castanea sativa, r/b, 16-18cm girth
-  Native woodland planting:  
(planted at 1.5m x1.5m / 1tree per 2.25sq m)  
15% Betula pubescens, b/r, 12-14cm girth, 3.5m height  
15% Pinus sylvestris, r/b, 1.0m tall  
10% Quercus robur, b/r, 12-14cm girth, 3.5m height  
10% Prunus avium, b/r, 120-150cm  
10% Viburnum opulus, b/r, 80-100cm  
10% Crataegus monogyna, b/r, 120-150cm  
5% Prunus spinosa, b/r, 100-120cm  
5% Rosa canina, b/r, 60-80cm  
10% Corylus avellana, b/r, 120-150cm  
10% Malus sylvestris, b/r, 120-150cm  
Under-planted with 20% Asplenium scolopendrum, 20% Blechnum spicant, 30% Geranium sanguineum, 20% Fragaria vesca and 10% Hedera hibernica all 1L, planted at 3no./m<sup>2</sup> and seeded with native wildflower mix of Irish Provenance: 'Hedgerow Wildflower Mixture' (suitable for light shade - EC04 by 'Design by Nature') or equal and approved.
-  Bulb planting:  
Narcissus 'Golden Echo', bulb, 18/sq.m.  
Narcissus 'Tete-a-Tete', 18/sq.m.  
Anemone nemorosa, 18/sq.m.  
Fritillaria meleagris, 12/sq.m.  
Hyacinthoides non-scripta, 18/sq.m.
-  Native wildflower meadow of Irish Provenance:  
'Biodiversity Wildflower Meadow Mixture' (suitable for light shade - WF02 by 'Design by Nature') or equal and approved
-  Bird box locations
-  Bat box locations



**Hard Landscape Legend:**

-  Footpath / Cyclepath - Refer to Engineer's drawings for details
-  Road / Road Markings- Refer to Engineer's drawings for details
-  Coloured Road Surfaces / Tactile Pavings and Crossings- Refer to Engineer's drawings for details



Typical wildflower meadow      Typical tree planting




Typical mown path      Bird box

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**REVISIONS**

DATE	REV. BY	CH.	DESCRIPTION

  
**Limerick City & County Council**  
 Travel & Transport - Active Travel  
 Merchants Quay  
 Limerick  
 DATE: 2022-04-28  
 SCALE: 1:500  
 DRAWN: MS  
 CHECKED: APPROVED  
 JOB NO: LCC 18 0002

**PROJECT:** Quinns Cross to Raheen Roundabout Improvement Scheme  
**STAGE:** Part 3 Planning  
**DRAWING TITLE:** Landscape Plan 1/3  
**DRAWING NO:** LP 02      **SHEET SIZE:** A1      **REVISION:** 00

**MUNGRET GATE HOUSING DEVELOPMENT**



**LEGEND:**

- Red line boundary
- Existing trees to be retained & protected  
Refer to Arbor Care drawings for details
- Existing trees to be removed  
Refer to Arbor Care drawings for details
- Lawn:  
50% Dwarf ryegrass  
45% Strong creeping red fescue  
5% Chewings fescue
- Native Hedge planting:  
Planted on low mound in a double staggered row, 4no. /lin.m. (60-100cm tall with post and wire fence at centre):  
10% Viburnum opulus, b/r, 80-100cm  
30% Crataegus monogyna, b/r, 80-100cm  
10% Prunus spinosa, b/r, 100-120cm  
10% Rosa canina, b/r, 60-80cm  
30% Ilex aquifolium, rb, 60-80cm  
10% Euonymus europaeus  
Under-planted with 20% Asplenium scolopendrum, 20% Blechnum spicant, 30% Geranium sanguineum, 20% Fragaria vesca and 10% Hedera hibernica all 1L, planted at 3no./m<sup>2</sup> and seeded with native wildflower mix of Irish Provenance: 'Hedgerow Wildflower Mixture' (suitable for light shade - EC04 by 'Design by Nature') or equal and approved.
- Specimen tree planting to include the following species:  
(all min. 2.0m clear stem)  
Quercus robur 'Fastigiata Koster', r/b, 18-20cm girth  
Carpinus betulus 'Frans Fontain', r/b, 18-20cm girth  
Pyrus calleryana 'Chanticleer', r/b, 18-20cm girth  
Prunus avium 'Plena', r/b, 16-18cm girth  
Fagus sylvatica, r/b, 16-18cm girth  
Quercus robur, r/b, 16-18cm girth  
Castanea sativa, r/b, 16-18cm girth
- Shrub & Herbaceous planting:  
To include the following pollinator mix species (but not limited to):  
(typical plant sizes and planting density shown)  
Sarcococca confusa, c/g, 3L, 3/sq.m  
Berberis darwinii, c/g, 3L, 3/sq.m  
Mahonia x media 'Charity', c/g, 5L, 3/sq.m  
Ribes nigrum, c/g, 3L, 3/sq.m  
Geranium 'Sweet Heidi', c/g, 2L, 4/sq.m  
Buddleja davidii, c/g, 3L, 3/sq.m  
Fuchsia 'Genii', c/g, 2L, 3/sq.m  
Solidago rugosa 'Fireworks', c/g, 3L, 3/sq.m  
Erica carnea 'Nathalie', c/g, 2L, 3/sq.m  
Bergenia 'Sunningdale', c/g, 2L, 3/sq.m  
Lavandula angustifolia 'Imperial Gem', c/g, 2L, 3/sq.m  
Laurus nobilis f. angustifolia, c/g, 10L, 3/sq.m  
Rosmarinus officinalis 'Sissinghurst Blue', c/g, 2L, 3/sq.m
- Bulb planting:  
Narcissus 'Golden Echo', bulb, 18/sq.m.  
Narcissus 'Tete-a-Tete', 18/sq.m.  
Anemone nemorosa, 18/sq.m.  
Fritillaria meleagris, 12/sq.m.  
Hyacinthoides non-scripta, 18/sq.m.
- Native wildflower meadow of Irish Provenance:  
'Biodiversity Wildflower Meadow Mixture' (suitable for light shade - WF02 by 'Design by Nature') or equal and approved
- Bird box locations
- Bat box locations

Note: Refer to Engineer's drawings for details.

**Hard Landscape Legend:**

- Footpath / Cyclepath - Refer to Engineer's drawings for details
- Road / Road Markings- Refer to Engineer's drawings for details
- Coloured Road Surfaces / Tactile Pavings and Crossings- Refer to Engineer's drawings for details
- School zone & bollards- Refer to Engineer's drawings for details



Typical wildflower meadow



Typical tree planting



Typical mown path

Bird box

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**REVISIONS**

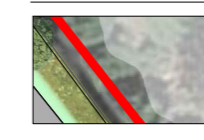
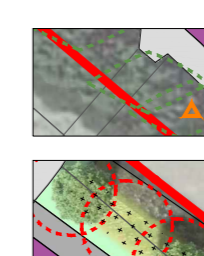
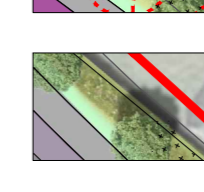

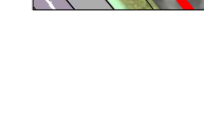
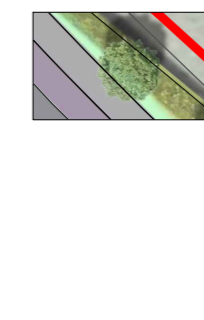
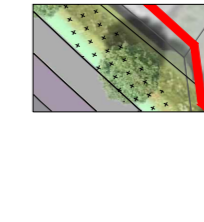
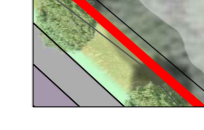
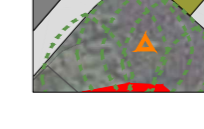
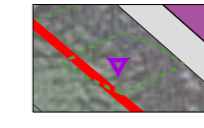
DATE	REV.	BY	CH.	DESCRIPTION

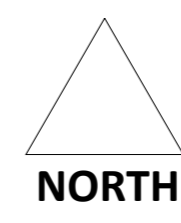
**Comhairle Cathrach & Contae Lúimnigh**  
**Limerick City & County Council**  
 Travel & Transport - Active Travel  
 Merchants Quay  
 Limerick  
 DATE: 2022-04-28  
 SCALE: 1:500  
 DRAWN: MS  
 CHECKED: APPROVED  
 JOB NO: LCC 18 0002

**PROJECT:** Quinns Cross to Raheen Roundabout Improvement Scheme  
**STAGE:** Part 3 Planning  
**DRAWING TITLE:** Landscape Plan 2/3  
**DRAWING NO:** LP 03  
**SHEET SIZE:** A1  
**REVISION:** 00

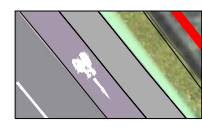
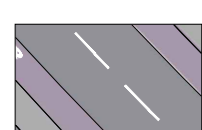



**Soft Landscape Legend:**

-  Red line boundary
  -  Existing trees to be retained & protected  
Refer to Arbor Care drawings for details
  -  Existing trees to be removed  
Refer to Arbor Care drawings for details
  -  Lawn:  
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45% Strong creeping red fescue  
5% Chewings fescue
  -  Native Hedge planting:  
Planted on low mound in a double staggered row, 4no./lin.m. (60-100cm tall with post and wire fence at centre):  
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Fagus sylvatica, r/b, 16-18cm girth  
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Castanea sativa, r/b, 16-18cm girth
  -  Bulb planting:  
Narcissus 'Golden Echo', bulb, 18/sq.m.  
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Anemone nemorosa, 18/sq.m.  
Fritillaria meleagris, 12/sq.m.  
Hyacinthoides non-scripta, 18/sq.m.
  -  Native wildflower meadow of Irish Provenance:  
'Biodiversity Wildflower Meadow Mixture'(suitable for light shade - WF02 by 'Design by Nature') or equal and approved
  -  Bird box locations
  -  Bat box locations
- Note: Refer to Engineer's drawings for details.



**Hard Landscape Legend:**

-  Footpath / Cyclepath - Refer to Engineer's drawings for details
-  Road / Road Markings- Refer to Engineer's drawings for details
-  Coloured Road Surfaces / Tactile Pavings and Crossings- Refer to Engineer's drawings for details




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**REVISIONS**

DATE	REV. BY.	CH.	DESCRIPTION

  
 Comhairle Cathrach & Contae Lúimnigh  
 Limerick City & County Council  
 Travel & Transport - Active Travel  
 Merchants Quay  
 Limerick  
 DATE: 2022-04-28  
 SCALE: 1:500  
 DRAWN: MS  
 CHECKED: APPROVED  
 JOB NO: LCC 18 0002

**PROJECT:** Quinns Cross to Raheen Roundabout Improvement Scheme  
**STAGE:** Part 3 Planning  
**DRAWING TITLE:** Landscape Plan 3/3  
**DRAWING NO:** LP 04  
**SHEET SIZE:** A1  
**REVISION:** 00



Section A




Section B

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 Comhairle Cathrach & Contae Luimnigh  
 Limerick City & County Council  
 Travel & Transport - Active Travel  
 Merchants Quay  
 Limerick  
 DATE: 2022-04-28  
 SCALE: 1:50  
 DRAWN: MS  
 CHECKED: APPROVED  
 JOB NO: LCC 18 0002

**PROJECT:**  
 Quinns Cross to Raheen  
 Roundabout Improvement Scheme  
**STAGE:**  
 Part 8 Planning  
**DRAWING TITLE:**  
 Landscape Sections  
**DRAWING NO:**  
 LS 01  
**SHEET SIZE:**  
 A1  
**REVISION:**  
 00