

# PÁIRC ÁINEASA INIS SIONNACH LANDSCAPE MASTERPLAN

## PLANTING SCHEDULES

Table 1: Proposed grass mix

| Amenity Grass Seeding  | Sowing Rate                       |
|--|-----------------------------------|
| Grass for general areas<br>(Coburns Irish Premier Low Maintenance Mixture, as supplied by Coburns) | As per manufacturers instructions |
| 20% Hard Fescue  |                                   |
| 30% Strong Creeping Red Fescue   |                                   |
| 15% Smooth Stalked Meadow Grass  |                                   |
| 20% Chewings Fescue  |                                   |
| 15% Brown-top Bentgrass  |                                   |
|  | Total Area: 57355 m2              |

Table 2: Proposed Ornamental and Native Planting

Woodland Planting: Total Area: 10366m2  
Pioneer Species, 60% of woodland mix & 40% understorey

| Common Name | Botanical Name            | Transplanted/ Pot Size               | Spacing m2 | % Mix | Quantity |
|-------------|---------------------------|--------------------------------------|------------|-------|----------|
| Hazel       | <i>Corylus avellana</i>   | 1/1, 40-60cm, B, branched, 2 breaks  | 1m2        | 6     | 622      |
| Holly       | <i>Ilex aquifolium</i>    | 40-60cm, C, 3L, leaders and laterals | 1m2        | 6     | 622      |
| Hawthorn    | <i>Crataegus monogyna</i> | 1+1, 40-60cm, B                      | 1m2        | 6     | 622      |
| Wild Cherry | <i>Prunus avium</i>       | 1+1, 40-60cm, B                      | 1m2        | 6     | 622      |
| Blackthorn  | <i>Prunus spinosa</i>     | 1+1, 40-60cm, B                      | 1m2        | 6     | 622      |
| Birch       | <i>Betula pubescens</i>   | 1+1, 60-80cm, B                      | 1m2        | 10    | 1037     |
| Alder       | <i>Alnus glutinosa</i>    | 1+1, 60-80cm, B                      | 1m2        | 10    | 1037     |
| Willow      | <i>Salix caprea</i>       | 0/1, 60-80cm, B                      | 1m2        | 20    | 2073     |
| Alder       | <i>Alnus glutinosa</i>    | 1+2, 100-125cm, B                    | 1m2        | 10    | 1037     |
| Downy Birch | <i>Betula pubescens</i>   | 1+2, 100-125cm, B                    | 1m2        | 10    | 1037     |
| Common Oak  | <i>Quercus robur</i>      | 1+2, 100-125cm, B                    | 1m2        | 10    | 1037     |

Table 3: Proposed Trees

| Common Name         | Botanical Name          | Transplanted/ Pot Size  | Spacing m2        | Quantity |
|---------------------|-------------------------|---|-------------------|----------|
| Common Alder        | <i>Alnus glutinosa</i>  | Semi Mature, 4x, 25-30cm girth, min 450 height, 5 breaks, RB          | Planting as shown | 40       |
| Common Alder        | <i>Alnus glutinosa</i>  | Extra Heavy Standard, 3x, 18-20cm girth, min 450 height, 5 breaks, RB | Planting as shown | 31       |
| Downy Birch         | <i>Betula pubescens</i> | Semi Mature, 4x, 25-30cm girth, min 450 height, 5 breaks, RB          | Planting as shown | 38       |
| Downy Birch         | <i>Betula pubescens</i> | Extra Heavy Standard, 3x, 18-20cm girth, min 450 height, 5 breaks, RB | Planting as shown | 31       |
| Rowan               | <i>Sorbus aucuparia</i> | Extra Heavy Standard, 3x, 18-20cm girth, min 450 height, 5 breaks, RB | Planting as shown | 6        |
| Shearwater Seedling |                         |   |                   |          |
| Scots Pine          | <i>Pinus sylvestris</i> | Semi Mature, 4x, 25-30cm girth, min 450 height, 5 breaks, RB          | Planting as shown | 44       |
| Scots Pine          | <i>Pinus sylvestris</i> | Extra Heavy Standard, 3x, 18-20cm girth, min 450 height, 5 breaks, RB | Planting as shown | 27       |
| Oak                 | <i>Quercus robur</i>    | Semi Mature, 4x, 25-30cm girth, min 450 height, 5 breaks, RB          | Planting as shown | 60       |
| Oak                 | <i>Quercus robur</i>    | Extra Heavy Standard, 3x, 18-20cm girth, min 450 height, 5 breaks, RB | Planting as shown | 49       |
| Caucasian Lime      | <i>Tilia x euchlora</i> | Extra Heavy Standard, 3x, 18-20cm girth, min 450 height, 5 breaks, RB | Planting as shown | 11       |

Table 4: Proposed Wetland Mix

Wetland Species Area: 8832m2

| Common Name                   | Botanical Name               | Form | Sowing Rate                       | % Mix |
|-------------------------------|------------------------------|------|-----------------------------------|-------|
| Creeping Bent                 | <i>Agrostis stolonifera</i>  | Seed |                                   | 6     |
| Yorkshire Fog                 | <i>Holcus lanatus</i>        | Seed |                                   | 7     |
| Tufted Hair-grass             | <i>Deschampsia cespitosa</i> | Seed |                                   | 7     |
| Common Bent                   | <i>Agrostis capillaris</i>   | Seed |                                   | 6     |
| Meadow Foxtail                | <i>Alopecurus pratensis</i>  | Seed |                                   | 7     |
| Sweet Vernal-grass            | <i>Anthoxanthus odoratum</i> | Seed | As per manufacturers instructions | 7     |
| Red Fescue                    | <i>Festuca rubra</i>         | Seed |                                   | 6     |
| Meadow Buttercup              | <i>Ranunculus acris</i>      | Seed |                                   | 6     |
| Devil-bit Scabious            | <i>Succisa pratensis</i>     | Seed |                                   | 6     |
| Ragged-robin                  | <i>Lychnis flos-cuculi</i>   | Seed |                                   | 6     |
| Greater Bird's-foot Trefoil   | <i>Lotus pedunculatus</i>    | Seed |                                   | 6     |
| Yellow Iris                   | <i>Iris pseudacorus</i>      | Seed |                                   | 6     |
| Water Avers                   | <i>Geum rivale</i>           | Seed |                                   | 6     |
| Meadowsweet                   | <i>Filipendula ulmaria</i>   | Seed |                                   | 6     |
| Square-stalked St John's-wort | <i>Hypericum tetrapterum</i> | Seed |                                   | 6     |
| Fleabane                      | <i>Pulicaria dysenterica</i> | Seed |                                   | 6     |

Table 5: Proposed Hedge Mix

Hedge to car park: 52 linear m

| Common Name | Botanical Name            | Transplanted/ Pot Size | Spacing m2            | Quantity |
|-------------|---------------------------|------------------------|-----------------------|----------|
| Hawthorn    | <i>Crataegus monogyna</i> | 1+1, 60-80cm, B        | 45cm double staggered | 231      |

Table 6: Proposed Native Scrub Planting

Native Scrub Planting: Total Area: 928m2

| Common Name | Botanical Name            | Transplanted/ Pot Size              | Spacing m2 | % Mix | Quantity |
|-------------|---------------------------|-------------------------------------|------------|-------|----------|
| Hazel       | <i>Corylus avellana</i>   | 1/1, 40-60cm, B, branched, 2 breaks | 1m2        | 15    | 139      |
| Hawthorn    | <i>Crataegus monogyna</i> | 1+1, 40-60cm, B                     | 1m2        | 20    | 186      |
| Wild Cherry | <i>Prunus avium</i>       | 1+1, 40-60cm, B                     | 1m2        | 15    | 139      |
| Blackthorn  | <i>Prunus spinosa</i>     | 1+1, 40-60cm, B                     | 1m2        | 20    | 186      |
| Downy Birch | <i>Betula pubescens</i>   | 1+1, 60-80cm, B                     | 1m2        | 15    | 139      |
| Willow      | <i>Salix caprea</i>       | 0/1, 60-80cm, B                     | 1m2        | 15    | 139      |



- KEY: GENERAL**
- Proposed Grassed Areas (Refer to Table 1)
  - Reinforced grass area (Refer to Table 1)
  - Proposed Resin Bound Gravel Path 2.0m and 3.0m widths (Refer to Table 1)
  - Proposed Resin Bound Gravel Path 3.0m width (Refer to Table 1)
  - Proposed Ornamental and Native planting (Refer to Table 2)
  - Proposed Native scrub planting (Refer to Table 6 and Sheet 2 of 5/7)
  - Proposed Trees (Refer to Key: Tree Species, Table 3 and Sheet 2 of 5/7)
  - Proposed Wetland Areas (Refer to Table 4 and Sheet 2 of 5/7)
  - Proposed Double Staggered Hedge to car park (Refer to Table 5 and Sheet 2 of 5/7)
  - Proposed Football GAA Pitch (Refer to Table 5 and Sheet 2 of 5/7)
  - Proposed 1.4m high chestnut pale fencing to prevent pedestrian and dog access to Oystercatcher roosts (Refer to Sheet 1 of 5/7)
  - Proposed 3.0m maximum height security fence to Football GAA pitch with gate to Naval Base (Refer to Sheet 1 of 5/7)
  - Proposed bird viewing screens 1.0m high timber close boarded fence with sliding pane to permit viewing (Refer to Sheet 1 of 5/7)
  - Proposed entrance features in steelwork (Refer to Sheet 1 of 5/7)
  - Existing naval base
  - Proposed Cycle Stands Sheffield Cycle Stands (Refer to Sheet 1 of 5/7)
  - Electrode from arc furnace clean treated and erected as bollards at footpath entrance
  - Industrial plant feature focal point shot blasted 'Blacksmith's Hammer'
  - Proposed gate for access from the Naval Base to the sports pitch only
  - Proposed Fenitener Engineered Structure rock armour refer to engineers drawing for details

- KEY: TREE SPECIES**
- Alnus glutinosa (Common Alder) 'Semi Mature'
  - Betula pubescens (Downy Birch) 'Semi Mature'
  - Betula pubescens (Downy Birch) 'Extra Heavy Standard'
  - Sorbus aucuparia (Shearwater Seedling) 'Extra Heavy Standard'
  - Pinus sylvestris (Scots Pine) 'Semi Mature'
  - Pinus sylvestris (Scots Pine) 'Extra Heavy Standard'
  - Quercus robur (Oak) 'Semi Mature'
  - Quercus robur (Oak) 'Extra Heavy Standard'
  - Tilia x euchlora (Caucasian Lime) 'Extra Heavy Standard'

Title  
**PROPOSED  
REMEDATION  
SOLUTION**

Figure 3

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East Tip Remediation Project

**EAST TIP  
REMEDATION  
PROJECT**

