


Job Name: Balscadden Bay , Howth.		Planting Schedule			
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Job No.: 486					
note : xtr= no. of times trees transplanted.		PLANNING			
Tree Species	Specification	Comment	No.	No. native	
<i>Acer saccharum</i> (sugar maple)	Clear stem 1.8m min, 50-60cm girth. Rootballed 5xtr. Min 4.5m tall	Located in sheltered courtyard/ shade tolerant			
<i>Arbutus unedo</i> (Strawberry Tree)	Multistem min 3 breaks from base, min 2m tall, Rootballed 4xtr	Native coastal tolerant, Seward side and also in locations to manage venilation ope screening.	1		
<i>Acer Palmatum</i> (Japanese Maple)	Multistem min 3 breaks from base, min 2m tall,Rootballed 4xtr	Located in sheltered courtyard/ shade tolerant	34		34
<i>Cornus kousa</i>	Multistem min 3 breaks from base, min 2m tall,Rootballed 4xtr	Located in sheltered courtyard/ shade tolerant	4		
<i>Corylus avellana</i> (Hazel)	Clear stem 1.8m min, 30-35cm girth. Rootballed 5xtr. Min 3m tall	Native moderate coastal tolerance. Located primarily in sheltered boundary locations	5		
<i>Crataegus monogyna</i> (Hawthorn)	Multistem min 3 breaks from base, min 2.5m tall, Rootballed 4xtr	Native, hardy, Costal tolerant	2		2
<i>Elaeagnus x ebbingei</i> (Mouseberry)	Clear stem 1.8m min, 30-35cm girth. Rootballed 4xtr. Min 2.5m tall	Coastal tolerant	7		7
<i>Hippophae salicifolia</i> 'Streetwise' (sea buckthron)	Clear stem 1.8m min, 30-35cm girth. Rootballed 5xtr. Min 4.5m tall	Coastal tolerant	1		
<i>Juniperus communis</i> (Common Juniper)	Clear stem 1.8m min, 30-35cm girth. Rootballed 5xtr. Min 2m tall	Native Coastal tolerant located to seaward embankment	11		
<i>Malus sylvestris</i> 'Evereste' (Crab apple 'Evereste')	Clear stem 1.8m min, 30-35cm girth. Rootballed 5xtr. Min 4m tall	Native moderate coastal tolerance. Located in sheltered boundary locations	4		4
<i>Pinus mugo</i> 'Pumilio' (Dwarf Mountain Pine)	Multistem min 3 breaks from base, min 1.2m tall, Rootballed 3xtr	Shrub, coastal tolerant this cultivar is low to permit view to and from the proposed public amenity space.	11		11
<i>Pinus mugo</i> (Mountain Pine)	Multistem min 3 breaks from base, min 1.2m tall, Rootballed 3xtr	Small tree, coastal tolerant this small tree	29		
<i>Pinus nigra</i> (Austrian Pine)	Clear stem 1.8m min, 30-35cm girth. Rootballed 5xtr. Min 4.5m tall	coastal tolerant, seaward facing	9		
<i>Populus tremula</i> (aspen)	Clear stem 1.8m min, 30-35cm girth. Rootballed 4xtr. Min 4.5m tall	Native coastal tolerant	19		
<i>Prunus avium</i> (Wild cherry)	Clear stem 1.8m min, 30-35cm girth. Rootballed 4xtr. Min 4.5m tall	Native moderate coastal tolerant,Located in sheltered areas.	3		3
<i>Pyrus calleryana</i> 'Chanticleer' (Callery pear 'Chanticleer')	Clear stem 1.8m min, 30-35cm girth. Rootballed 4xtr. Min 4.5m tall	Urban tolerant narrow habit street tree set back from coastal portion of proposed development	2		2
<i>Quercus petraea</i> (sessile oak)	Clear stem 1.8m, 20-25cm girth, Irish grown specimen 30-35cm girth. Rootballed Min 4.5m tall	Native oak, must be Irish grown on phytosanitary grounds, moderately coastal tolerant placed in sheltered locations.	13		
<i>Quercus robur</i> (English oak)	Clear stem 1.8m, 20-25cm girth, Irish grown specimen 30-35cm girth. Rootballed Min 4.5m tall	Native oak, must be Irish grown on phytosanitary grounds, moderately coastal tolerant placed in sheltered locations.	1		1
<i>Sorbus aria</i> 'Majestica' (Whitebeam Majestica)	Clear stem 1.8m min, 30-35cm girth. Rootballed 4xtr. Min 4m tall	Coastal ,Tolerant Native tree located set somewhat back from front coastal line	3		3
<i>Sorbus aucuparia</i> (Rowen)	Clear stem 1.8m min, 30-35cm girth. Rootballed 4xtr. Min 3.5m tall	Native hardy tree, modestly costal tolerant species , located in sheltered area of propped development.	9		9
<i>Tilia tomentosa</i> (Silver Linder, European White Lime)	Clear stem 1.8m min, 30-35cm girth. Rootballed 4xtr. Min 4.5m tall	Urban tolerant and coastal tolerant street tree set back from coastal portion of proposed development	3		3
Total trees			5		79
HEDGING:					
Hedge type 1:					
<i>Buxus sempervirens</i> (common box)	Rootballed, bushy specimen min 600mm high	Hedge type 1Sheltered courtyard setting to lawn games areas and private terraces privacy strips to inner courtyard.			
<i>Elaeagnus x ebbingei</i>	Rootballed, bushy specimen min 1.8mm high	Exposed areas to salt and coast in public realm near retaining wall.			
Hedge type 2:					
<i>Corylus avellana</i> (hazel)	Rootballed bushy specimen min 1.8m tall * all from same lot	hardy dense habit, native and source of food for wildlife.			
<i>Crataegus monogyna</i> (hawthorn)	Rootballed bushy specimen min 1.8m tall * all from same lot	hardy,dense habit, thorny, native and source of food for wildlife			
<i>Hedra helix</i> (Ivy)	P9 or larger pot	hardy native climbing evergreen, self clinging plant, source of food for wildlife.			
<i>Ilex aquifolium</i> (holly)	Rootballed bushy specimen min 1.8m tall * all from same lot	hardy,dense evergreen habit, spikey, native and source of food for wildlife			
<i>Lonicera periclymenum</i> (honey suckle)	5L pot	hardy scrambling native hedgrow plant , attractive scented twining shrub and source of food for wildlife			
<i>Rosa canina</i> 'alba' (dog rose 'alba')	Rootballed bushy specimen min 0.6m tall * all from same lot	hardy native hedgrow shrub , attractive flowers and thorny and source of food for wildlife			
<i>Sambucus nigra</i> (elder)	Rootballed bushy specimen min 1.8m tall * all from same lot	hardy native hedgrow plant , native and source of food for wildlife			
<i>Viburnum opulus</i> (guelder rose)	Rootballed bushy specimen min 1.8m tall * all from same lot	hardy native hedgrow plant , attractive flowers and source of food for wildlife			

Grass area to front of embankment	Grass flower meadow mixture to wide margins: 'Biodiverse wildflower meadow mixture Ref WF02 @ 1.5g/m2 or as otherwise directed by supplier with integrated grass mix 50% 1.5g/m2 as pre mixed by 'Design by Nature'. Required min seed mixture 1.1KG of Native Sourced Irish Wildflower Seed Mixture, without added 'Grass Seeds'. Plus 1.1kg of grass seed mixed into mixture (rate of sowing for grass is also 1.5 grams per square metre). Special mixture of bents and fescues by Design by Nature. Please note, use perennial rye grass with wildflowers is not permitted.	front of margin wildflower grass mix. Low maintenance where grass margin pertains.		
Hedge type 3:				
Olearia traversii	rootballed 1.8m tall, bushy specimen	retaining wall edges.		
Planting mix 3: Amenity lawn				
Amenity lawn :40% Perennial ryegrass 40% - Strong Creeping Red Fescue 20% Chewings fescue	Sowing rate 30 - 40g per m2 25 - 35g per m2	Amenity lawn to games areas.		
Planting mix 1: Underplanting to raised courtyard planters.	Specification.	Sheltered courtyard setting.		
<i>Clematis macropetala</i>	2L pot	climber near pergola/ ramp		
<i>Cornus canadensis</i> (creeping dogwood)	2L pot	underplanting perennial		
<i>Fatsia japonica</i>	10L pot, bushy specimen			
<i>Gallium odoratum</i> (sweet woodruff)	2L pot	underplanting perennial		
<i>Hydrangea anomala</i> subsp. <i>Petiolaris</i> (climbing hydrangea)	2L pot	climber near retaining wall.		
<i>Liriope muscari</i> (big blue lilyturf)	2L pot	underplanting perennial		
<i>Lonicera japonica</i> 'Halliana' (honeysuckle)	2L pot	climber near pergola/ ramp		
<i>Luzula nivea</i> (snow rush)	5L pot	underplanting perennial		
<i>Polystichum setiferum</i> 'Pulcherrimum Bevis' (soft shield fern)	5L pot	underplanting perennial		
<i>Solanum crispum</i> 'Glasnevin'	2L pot	climber near pergola/ ramp		
<i>Vinca Major</i> 'Alba' (greater periwinkle)	2L pot	underplanting perennial		
<i>Rosa</i> 'Claire Austin'	6L pot, min 3 breaks lwr third.			
<i>Rosa</i> 'rushing stream'	6L pot ,min 3 breaks lwr third.			
<i>Rudbeckia fulgida</i> var. <i>deamii</i> (late summer)	18	2L pot		
<i>Allium</i> 'Globemaster'	large good quality flowering blub	seasonal bulb		
<i>Narcissus</i> 'Thalia'	large good quality flowering blub	seasonal bulb		
<i>Narcissus papyraceus</i>	large good quality flowering blub	seasonal bulb		
<i>Tulipa</i> 'Blue Heron' *late	large good quality flowering blub	seasonal bulb		
<i>Tulipa</i> 'Purissima (White Emperor) *Fosteriana mid	large good quality flowering blub	seasonal bulb		
<i>Tulipa</i> 'White Triumphator' *late	large good quality flowering blub	seasonal bulb		
Planting mix 2 Watergarden/ Sculpture garden courtyard				
<i>Acanthus mollis</i> (bears breaches)	2L pot	shade tolerant		
<i>Asplenium scol. Angustifolia</i>	2L pot	shaded but sheltered garden.		
<i>Campanula persicifolia</i> (fairy bellflower)	2L pot	shade tolerant		
<i>Dryopteris championii</i>	2L pot	shaded but sheltered garden.		
<i>Filipendula purpurea</i> (purple meadowsweet)	2L pot	shade tolerant		
<i>Geranium phaeum</i> 'Lily Lovell'	2L pot	shade tolerant		
<i>Helleborus niger</i> (Christmas rose)	2L pot	shaded but sheltered garden.		
<i>Iris</i> 'Flight of Butterflies' (early summer)	2L pot	shaded but sheltered garden.		
<i>Matteuccia struthiopteris</i> (osterich fern)	2L pot	shaded but sheltered garden.		
<i>Nymphaea alba</i> (white water lilly)	Large mature specimen ready to flower (June-Oct) within initial planting season	shaded but sheltered garden.		
<i>Phyllostachys bissetii</i>	2L pot	coastal tolerant bamboo . Located in sheltered courtyard garden area.		
<i>Polystichum setiferum</i> 'Pulcherrimum Bevis' (soft shield fern)	5L pot	shaded but sheltered garden.		
<i>Pulmonaria</i> 'Blue Ensign' (lungwort)	2L pot	shade tolerant		
<i>Sarcococca hookeriana</i> var. <i>humilis</i> (dwarf sweet box)	5L pot	shade tolerant		
<i>Vinca Major</i> 'Alba' (greater periwinkle)	2L pot	shaded but sheltered garden.		
Planting mix 3 : Bunday underplanting / edge of border				
<i>Callicarpa bodinieri</i> var. <i>giraldii</i> 'Profusion' (purpleberry 'Profusion')	10L pot, bushy specimen			
<i>Daphne oleoides</i> (olive leaved daphne)	10L pot, bushy specimen			
<i>Exochorda</i> × <i>macrantha</i> 'The Bride'	10L pot, bushy specimen			
<i>Fatsia japonica</i> (Japanese aralia)	20L pot min 800mm high			
<i>Fothergilla gardenii</i> 'Blue Mist'	5L pot			
<i>Hydrangea paniculata</i> (paniculate hydrangea)	5L pot			
<i>Hydrangea arborescens</i> 'Annabelle'	5L pot			
<i>Mahonia aquifolium</i> 'Apollo' (Oregon grape 'Apollo')	10L pot, bushy specimen min 500mm high.			
<i>Hebe</i> 'Sapphire'	5L pot			
Front of Border planting:				
<i>Aquilegia vulgaris</i> 'White Star'	2L pot			
<i>Astilbe chinensis</i> var. <i>pumila</i> (dwarf Chinese astilbe)	2L pot			
<i>Astilbe</i> 'Feuer' (× <i>arendsii</i>)	2L pot			
<i>Asplenium scolopendrium</i>	2L pot			
<i>Blechnum spicant</i> *e	2L pot			
<i>Campanula persicifolia</i> (fairy bellflower)*e	2L pot			

