



PROPOSED SITE DEVELOPMENT AT TOOTENHILL

Soft Landscape Masterplan

sc1:200

Site Notice

Double row planting of Hawthorn hedging

Pollinator friendly planting mix

Seasonal bulbs coupled with grass

Ornamental planting mix with Sorbus aucuparia tree planting

Single row planting of Hawthorn hedging along the retaining wall

Pollinator friendly planting mix with Betula pubescens tree planting

LEGEND

VEGETATION

Standard Trees
 @standard-extra heavy, 3X, 18-20cm grith, min. 200cm clear stem, 4.5-5.0m tall, R/B
Betula pubescens
Sorbus aucuparia^

SHRUBS

Grass area
 150mm topsoil depth

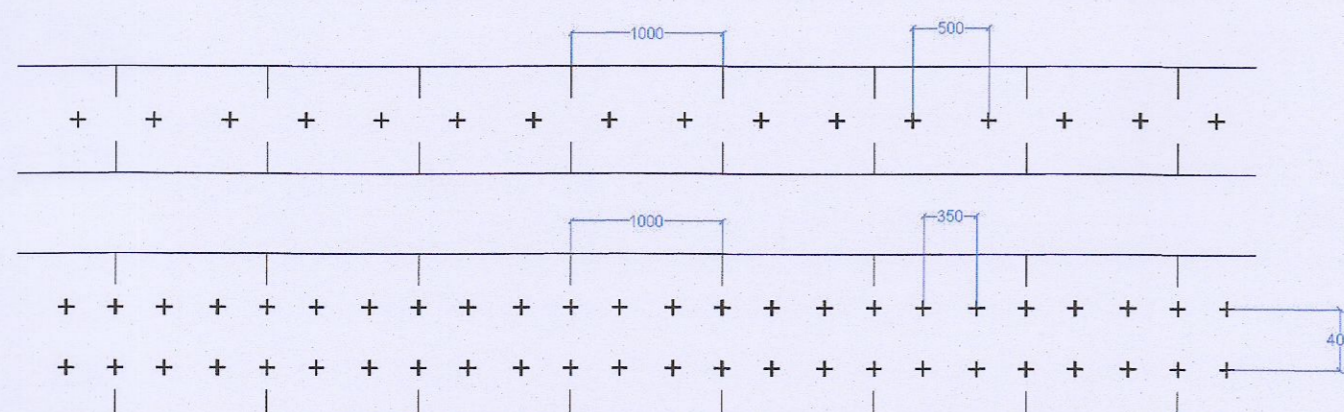
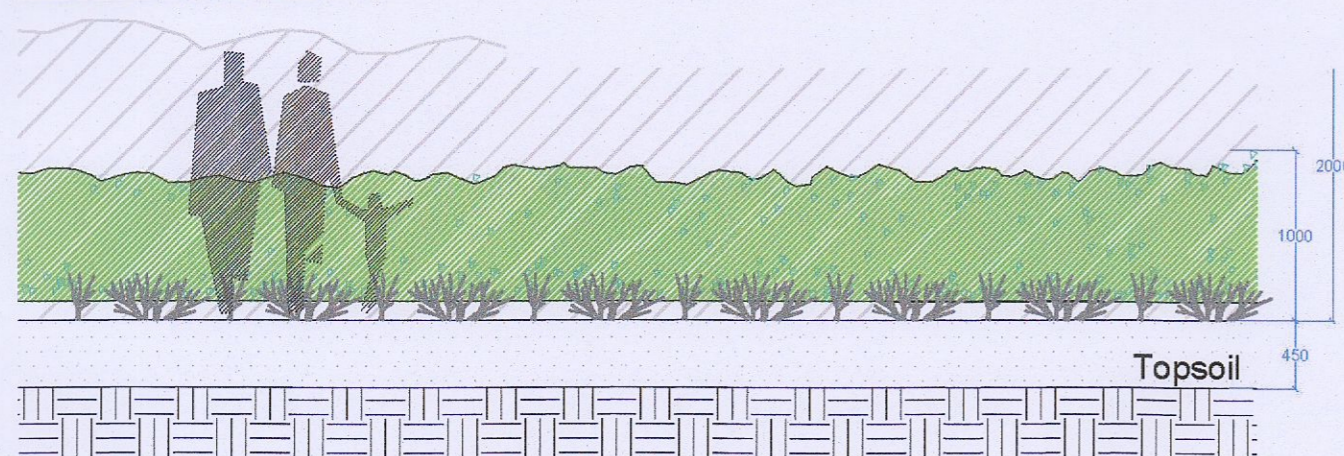
Ornamental planting mix
 @2L, C/G, planted at 300mm cntrs
Calamagrotis x acutiflora 'Karl Forester'
Carex hachijoensis
Stipa ponytails
Festuca glauca
Ophiopogon planiscapus 'Nigrescens'
Miscanthus senensis
Luzula sylvestris

Planted for nature
 @2L, C/G, planted at 300mm cntrs
Anemone x hybrida
Digitalis purpurea
Geranium Roxanne
Pulmonaria spp.
Berginia cordiflora
Helleborus foetidus
Viburnum tinus
Erica spp.
Verbena x hybrida
Campanula persicifolia

Seasonal Bulbs
 @30 bulbs per sq.m.
 50% *Narcissus* 'Febraury Gold'
 20% *Hyacinthoides non-scripta*
 15% *Galanthus nivalis*
 15% *Crocus spp.*

Hawthorn hedging
 @B/R, 1.0m height, 300cm cntrs
Crataegus monogyna

HEDGE PLANTING detail sc1/50



NOTE: Screen hedge to be planted as per planting schedule. Plants shall be 1m tall, and be shall conform to BS 3936 - Part 1: Nursery stock specification for trees and shrubs. Planting strip to be 700mm wide x 450mm deep with cultivated and evenly incorporated organic manure 100mm layer over area of strip, fertiliser 35g, 50mm depth bark mulch dressing on completion of planting.

NOTE: All hedges shall be planted at a density of 3 plants per linear metre in a single row. Where indicated, hedges shall be planted at a density of 6 plants per linear metre in a double staggered row, with 3 plants per linear metre in each row and 400mm between rows.

TREE PLANTING SPECIFICATION

Tree planting throughout the scheme has been selected to blend the development in to its surrounding environs and create focal points within the development. The tree species selected will maximise food and nectar sources for birds and invertebrates. Trees will be planted as Standard and Heavy Standard to provide a reasonable degree of instant maturity to the development. All trees shall be planted between the months of Nov and March. The trees shall be purchased from a reputable nursery as rootball specimens and final order to be agreed by Landscape Architect; The trees shall be planted on delivery. If this is not possible due to weather conditions (wet or frosty), the plants must be healed in. Maintenance Watering is essential during the first 2 growing seasons regardless of the weather conditions - 1000Lt / Tree/ Month.

Methodology and Guidance Notes: The tree pit should have a diameter at least 100mm greater than that of the root system, with the depth not exceeding the rootball. Any glazed or smeared sides caused by digging shall be scarified with the use of a fork. The tree will be positioned in the centre of the planting pit at the correct depth, taking into account the root flare and finished level. Prior to backfilling the hessian twine/wire cage supporting the rootball shall be loosened or removed. Backfilling shall be carried out in layers of 150mm, ensuring the tree is held upright. At each stage the fill will be carefully firmed in to eliminate air pockets under and around the root system. The final layer of backfill will not be consolidated, but should be of a sufficient depth to allow for settlement and mulching. Formative pruning should be carried out if required, removing dead, damaged, crossing or diseased branches. Refer to Tree planting specification for tree anchoring system. All trees planting operation will be carried in accordance with BS8545:2014 Trees: from nursery to independence in the landscape -Recommendations.

STANDARD TREES

Code	Scientific name	Common name	Size	Quantity
Bp	<i>Betula pubescens</i>	Birch	r/b, 3x trpt 18-20cm grith, 4.5-5.0m	3
Sa	<i>Sorbus aucuparia</i> ^A	Rowan	r/b, 3x trpt 18-20cm grith, 4.5-5.0m	3

ORNAMENTAL PLANTING MIX

Code	Scientific name	Common name	Size	Quantity
Ca	<i>Calamagrotis x acutiflora</i> 'Karl Forester'	Reedgrass	2L, c/g, planted at 300mm cntrs	45
Ch	<i>Carex hachijoensis</i>	Japanese sedge	2L, c/g, planted at 300mm cntrs	45
Sp	<i>Stipa ponytails</i>	Mexican feather grass	2L, c/g, planted at 300mm cntrs	45
Fg	<i>Festuca glauca</i>	Festuca glauca	2L, c/g, planted at 300mm cntrs	45
Op	<i>Ophiopogon planiscapus</i> 'Nigrescens'	Black mondo grass	2L, c/g, planted at 300mm cntrs	45
Ms	<i>Miscanthus senensis</i>	Chinese silver grass	2L, c/g, planted at 300mm cntrs	45
Ls	<i>Luzula sylvestris</i>	Greater Woodrush	2L, c/g, planted at 300mm cntrs	45

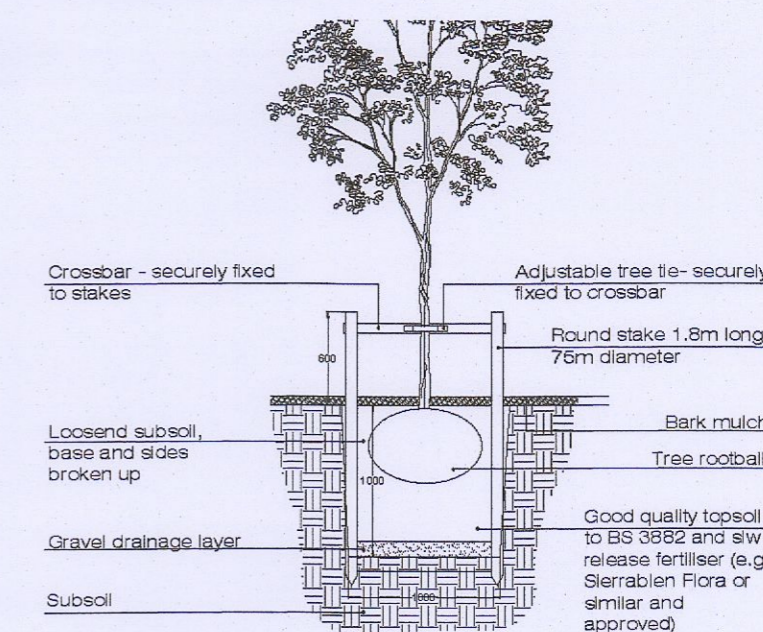
PLANTED FOR NATURE

Code	Scientific name	Common name	Size	Quantity
Ah	<i>Anemone x hybrida</i>	Japanese anemone	2L, c/g, planted at 300mm cntrs	79
Dp	<i>Digitalis purpurea</i>	Lady's glove	2L, c/g, planted at 300mm cntrs	79
Gr	<i>Geranium Roxanne</i>	Cranesbill	2L, c/g, planted at 300mm cntrs	79
Psp	<i>Pulmonaria spp.</i>	Lungwort	2L, c/g, planted at 300mm cntrs	79
Bc	<i>Berginia cordiflora</i>	Heartleaf Bergenia	2L, c/g, planted at 300mm cntrs	79
Hf	<i>Helleborus foetidus</i>	Stinking hellebore	2L, c/g, planted at 300mm cntrs	79
Vt	<i>Viburnum tinus</i>	Laurustinus	2L, c/g, planted at 300mm cntrs	79
Esp	<i>Erica spp.</i>	Heath	2L, c/g, planted at 300mm cntrs	79
Vh	<i>Verbena x hybrida</i>	Verbena	2L, c/g, planted at 300mm cntrs	79
Cp	<i>Campanula persicifolia</i>	Peach-leaved bellflower	2L, c/g, planted at 300mm cntrs	79

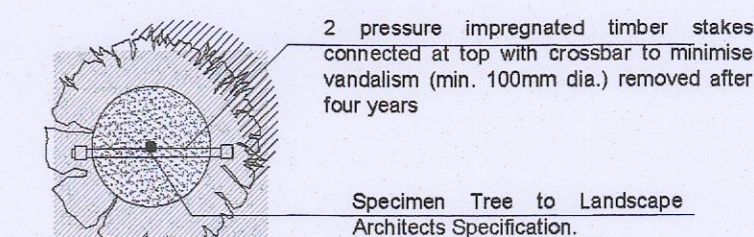
* **Species Native to Ireland**
 ^ **Plants for Pollinators**

These plants will provide nectar and pollen for bees and the many other types of pollinating insects.
 All selected species have an ornamental, native biodiversity or pollinator-stimulating purpose.
 Selection is based on the "All Ireland pollinator Plan".

STANDARD ROOTBALL TREE detail sc1/50



Square planting pit shall be large enough to accommodate tree roots. Pit to be backfilled with a mix of topsoil, planting compost and polymer granular. The bottom and sides of pit to be broken up by forking prior to planting.



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D	10/10/22	Soft Landscape Plan	PS	JG
REV DATE	REVISION		DRAWN	CHECKED

CLIENT
PETROGAS GROUP LTD

PROJECT TITLE
 Proposed site development at Tootenhill,
 Rathcoole, Co.Dublin

PROJECT ARCHITECT
J A GORMAN

SHEET TITLE
 Soft Landscape Plan

SHEET NO.
 21103_D_LP

SHEET SIZE
 A2

SCALE
 as shown

STAGE
 Planning Application

DATE
 October 2022