

1 Rope Weaver

2 Webnet

3 City Bay 2 cradle Swing

4 Inclusive Orbit Platform Panel

5 Swing Steps

6 Sea-Horse seesaw

7 Spring motorbike

Natural Play Elements - stepping logs, boulders, tree branches

EN1176, BSEN 117, BS 7188.

- consider maintenance, inspection and insurance regimes.
- consider the wider landscape of the park, its aesthetic and overall site layout when designing the playgrounds.
- comply with the requirements of this brief and incorporate where appropriate, suggestions made in this brief.
- appear to be co-ordinated in design with the wider park and themselves.
- use a simple restrained palette of materials and colours such as galvanised and white powder coated steel, hot-dip galvanised steel, stainless steel or untreated timber. If play safety surfacing is a requirement either natural materials,such as woodchip surfacing or alternatively perforated rubber mat type surfacing should be proposed.

All play equipment illustrated by Playdale or equal to in all regards..

The play areas and outdoor exercise areas will:-

- make use of natural landscape elements - boulders, tree trunks, grass mounds etc. - for creative, imaginative play, climbing, hiding, balance, chasing, role play etc.
- contain a range of robust manufactured equipment, and be designed to accommodate multiple play opportunities / imaginative play with a high level of accessibility and inclusive design.
- not expose users to unacceptable levels of risk of serious injury but should be provided with equipment that allows for some risk taking and extended challenge as a child's skills/abilities / confidence develop.
- comply with best practice guidelines and standards including but not limited to; BS

PROPOSED SOFTWARES

Existing trees

| Tree tags | Species | Girth | Height | Spec |
|-----------|------------------------|---------|----------|-------------|
| Ah | Aesculus hippocastanum | 20-25cm | 6.0-6.5m | 4xtr. (R/B) |
| Qr | Quercus robur 'Koster' | 20-25cm | 6.0-6.5m | 3xtr. (R/B) |
| Ao | Acer 'October Glory' | 14-16cm | 3.0-4.5m | 2xtr. (R/B) |
| Te | Tilia x euchlora | 20-25cm | 6.0-6.5m | 3xtr. (R/B) |
| Bp | Betula pendula | 18-20cm | 4.0-4.5m | 3xtr. (R/B) |
| Pa | Prunus Avium | 20-25cm | 6.0-6.5m | 3xtr. (R/B) |
| Sa | Sorbus acuparia | 20-25cm | 6.0-6.5m | 3xtr. (R/B) |
| Mt | Malus tschonoskii | 14-16cm | 3.0-4.5m | 2xtr. (R/B) |
| Ps | Pinus sylvestris | 18-20cm | 4.0-4.5m | 3xtr. (R/B) |

Multistem Trees

| Tree tags | Species | Height | Spec |
|-----------|--|--------|-------------|
| Bu | Betula utilis var. jacquemontii | 5-5.5m | 3xtr. (R/B) |
| Ag | Amelanchier x grandiflora 'Robin Hill' | 5-5.5m | 3xtr. (R/B) |

Shrub Planting

High Shrub Planting

| Species | Stock | Spec |
|--------------------------|-------|----------|
| Pyracantha 'Orange Glow' | C5 | Branched |
| Cornus alba 'Sibirica' | C5 | Branched |
| Eleagnus x ebbingei | C5 | Branched |
| Visarnum tinus 'Lucidum' | C5 | Branched |
| Sarcococca hookeriana | C5 | Branched |
| Hebe rakiensis | C5 | Branched |
| Skimmia 'Kew Green' | C5 | Branched |
| Verbena bonariensis | C2 | Branched |
| Dianthus barbatus | C2 | Branched |

Medium/Low Shrub Planting

| Species | Stock | Spec |
|---------------------------------------|-------|----------|
| Lavandula angustifolia 'Hidcote' | C2 | Bushy |
| Potentilla fruticosa 'Goldfinger' | C2 | Full pot |
| Skimmia japonica | C2 | Full pot |
| Spiraea japonica 'Goldmound' | C2 | Full pot |
| Hebe 'Green Globe' | C2 | Full pot |
| Berberis darwinii 'Darwin's barberry' | C2 | Full pot |
| Salvia x sylvestris 'Mainacht' | C2 | Full pot |
| Stipa tenuissima | C2 | Full pot |
| Rudbeckia fulgida 'Early Bird Gold' | C2 | Full pot |
| Carex divisa | C2 | Full pot |
| Sedum 'Autumn Joy' (Herbstfreude) | C2 | Full pot |
| Allium hollandicum | C2 | Full pot |

Proposed Woodland Planting - Site Boundaries

| Species | Specification | - 580sqm | % |
|---------------------------------|-----------------------------------|----------|-----|
| Ilex aquifolium | 800-1000mm transplants; RB/CG | | 10% |
| Pinus sylvestris (Scots Pine) | 800-1000mm transplants; RB/CG | | 25% |
| Corylus Avellana (Hazel) | 800-1000mm transplants; bare-root | | 5% |
| Betula pendula (Silver Birch) | 800-1000mm transplants; bare-root | | 35% |
| Quercus robur (Pedunculate Oak) | 800-1000mm transplants; bare-root | | 25% |

Amenity Hedge Planting

| Species | Stock | Height | Spec | Density |
|--------------------|-------|--------|----------------------|---------|
| Ligustrum vulgare | RB/C | 1.2cm | Double staggered row | 5/linm |
| Buxus Sempervirens | RB/C | 1.2cm | Double staggered row | 5/linm |

Wetland Planting

| Species | Stock | Height | Density |
|-------------------------------------|-------|---------|---------|
| Phragmites australis | C2 | 30-40cm | 4/m2 |
| Caltha palustris | C2 | 30-40cm | 4/m2 |
| Primula japonica 'Miller's Crimson' | C2 | 30-40cm | 4/m2 |
| Myosotis scorpioides | C2 | 30-40cm | 4/m2 |
| Miscanthus sinensis | C2 | 30-40cm | 4/m2 |
| Lythrum salicaria | C2 | 30-40cm | 4/m2 |

Lawn

Amenity Lawn areas seed with Coburns "Low Maintenance" mix: 60% (Perennial Ryegrass) + 35% (Slender Creeping Red Fescue) + 5% (Browntop Bent) + Sowing rate: 35g/m2 (350kg/ha) Cutting height: Between 20-50mm

Private Lawn areas seed with Coburns "Low Maintenance" mix: 60% (Perennial Ryegrass) + 35% (Slender Creeping Red Fescue) + 5% (Browntop Bent) + Sowing rate: 35g/m2 (350kg/ha) Cutting height: Between 20-50mm

Meadow Area Native Irish wildflower mixture

Bulb Planting Native mixture

LEGEND: PROPOSED HARDWORKS

PROPOSED - 450mm HIGH POLISHED PC CONCRETE SEATING WALLS WITH INTEGRATED HARDWOOD TIMBER SEATING

PROPOSED - 150mm HIGH POLISHED PC CONCRETE STEPS TO RAISED LAWN AREA

PROPOSED TIMBER SEATING

PROPOSED HARDWOOD TIMBER PICNIC TABLES

PLAY AREAS, OUTDOOR EXERCISE EQUIPMENT AND NATURAL PLAY ELEMENTS; REFER TO DWG L-305

PROPOSED BOUND SURFACING TO OPEN SPACE PATHS & AREAS

APARTMENT BLOCKS - PC CONCRETE PAVING SETTS

PEDESTRIAN FOOTPATHS - ASPHALT

GARDEN FOOTPATHS - TEGULA BLOCK PAVING

ROADS - ASPHALT, REFER TO ENGINEER'S DRAWINGS.

RAISED TABLE - ASPHALT, REFER TO ENGINEER'S DRAWINGS

CYCLE LANE - TARMAC, REFER TO ENGINEER'S DRAWINGS

SCULPTURE FEATURE/PUBLIC ART

PC CONCRETE SETTS AS BANDING/EDGE SITE WIDE

PC CONCRETE SETTS TO PLAZA AND NEIGHBOURHOOD CENTRE

PC CONCRETE STEPS/WALLS TO ATTENUATION AREA BANK

POTENTIAL HIGH TENSILE FABRIC CANOPY TO RAISED LAWN AREA TO FROM PART OF AN EVENTS SPACE

CONCRETE STEPPING PLANKS RECESSED IN LAWN AREA

GRASS MOUNDING FOR NATURAL PLAY

SWALE/ABOVE GROUND ATTENUATION. REFER TO ENGINEERS.

COMPOSITE TIMBER BOARDWALK

PC CONCRETE PERMEABLE SETTS TO CAR PARKING SPACES AND ROADS

MODULAR TREE PLANTERS TO PLAZA

PROPOSED BOUNDARIES

PROPOSED 2m FEATURE BRICK JOINING UNITS

PROPOSED 1.2m POWDER COATED RAILING DEFINING ENTRANCES

PROPOSED 1.8m CONCRETE POST AND PANEL FENCE

PROPOSED 1.2m FEATURE BRICK JOINING AND SEPARATING FRONT HOUSES AND DEFINING ENTRANCES

PROPOSED 2m BLOCK WALL JOINING AND SEPARATING BACK GARDENS OF HOUSES

PROPOSED 2m TEMPORARY FENCE HOT DIPPED GALVANIZED TO SECURE BOUNDARIES

1.2m BOWTOP RAILING TO PLAY PARK

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Unless otherwise stated all dimensions are in millimeters. Where dimensions are not given, drawing must not be scaled and the matter must be referred to the Landscape Architect. If the drawing includes conflicting details/dimensions the matter must be referred to the Landscape Architect. All dimensions must be checked on site. The Landscape Architect must be informed, by the Contractor, of any discrepancies before work proceeds.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT CONSULTANT'S DRAWINGS.

0 10 20 30 40 50m

LANDSCAPE SPECIFICATIONS

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Generally: Landscape works to be undertaken in accordance with BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces).

Remove weeds by an agreed method and any use of chemicals shall be an in accordance with the current Sustainable Use of Pesticides Directive guidelines and Plant Protection Product List. Pesticides shall be used only where specified or approved, and then only suitable products as permitted under legislation or Government regulations.

All fertilisers are to be applied by qualified staff to avoid the action of plasmolysis. Top soil to be tested and approved by a Top Soil Analyst and any required amelioration or soil improvements to be carried out in line with Analyst's report, if necessary, according to BS 4428: 1989 'Code of Practice for General Landscape Operations'. All top soil to conform to BS3882:2015 - Specification for Topsoil.

All Plants shall be of the size stated, shall conform to BS 3936 - Part 1: Nursery stock specification for trees and shrubs.

All tree works shall conform with BS 8545:2014 Trees: from nursery to independence in the landscape - Recommendations.

Planting objectives: To assist in visual screening of the proposed development site from surrounding road network and dwellings through retention of existing trees, new woodland belts and augmentation of existing hedgerows with additional native species planting. Planting species based on Pollinator Friendly Planting Code" in the All-Ireland Pollinator Plan 2015-2020".

Existing Trees and boundary hedgerows are to be retained and protected in accordance with BS 5837:2012 Trees in relation to design, demolition and construction: Recommendations. Adequate protective fencing, as illustrated in Figs 2 & 3 of BS5837:2012, will be maintained between scaffolding and adjacent trees.

Ground Preparation Prior to cultivation, planted areas shall be cleared of all loose debris, rubbish, stones over 25mm in diameter, roots, and other extraneous matter. Grass and weeds shall be sprayed with 'Glyphosate' or similar COSHH approved herbicide. Planted areas to be cultivated to a depth of 300mm by hand or rotovator, incorporating planting compost, soil improver and fertilizer base dressing of the types. The topsoil shall have been reduced to a fine tilth on completion of the cultivation works Topsoil Depths: spread over prepared subsoil in layers to a minimum depth of 250 mm, each layer firmed before spreading the next. Overall minimum depths after firming and settlement to be:

Shrubs Planting - 500mm
Grass areas - 250mm

Maintenance Initial landscape operations will be undertaken by an ALCI member. The Contractor will be responsible for plant establishment and one year of establishment maintenance. Any trees or shrubs dying, damaged or removed will be replaced in the following planting session with plant of similar size and species.

SITE LAYOUT UPDATED

CT

07.06.21

B

KEY PLAN ADDED

CT

22.04.21

A

PRE PLANNING

OC

12.02.21

X

Revision Details

AB

By

Check

Date

Rev

Status: PLANNING

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Client : Steinfort Investments Fund

Project: Residential Development
Clonminch Road, Tullamore, Co.Offaly

Title: Clonminch Square - Open Space Landscape Plan

Scale@A1: 1:250 Date: February 2021

Dwg.no: 6473-L-305