



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 TO ENGINEER'S DRAWINGS
- SCULPTURE FEATURE/PUBLIC ART
- PC CONCRETE SETTS AS BANDING/EDGE SITE WIDE
- PC CONCRETE SETTS TO PLAZA AND NEIGHBOURHOOD CENTRE

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

PROPOSED SOFTWORKS

- POTENTIAL HIGH TENSILE FABRIC CANOPY TO RAISED LAWN AREA TO FORM 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 SOFTWORKS

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 szechonokii	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)

Proposed Woodland Planting - Site Boundaries
 Trees supply and planting shall correspond to BS 8545 Trees: from nursery to independence in the landscape - Recommendations: Planting of trees shall be undertaken in favourable weather conditions between October 31st to March 31st. All work shall conform to a minimum standard as set out in BS 4043:1989 Recommendations for transplanting root-balled trees.

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

Shrub Planting

High Shrub Planting

Species	Stock	Spec
Pyracantha 'Orange Glow'	C5	Branched
Cornus alba 'Sibirica'	C5	Branched
Eleagnus x ebbingei	C5	Branched
Visarum tinus 'Lucidum'	C5	Branched
Sarcococca hookeriana	C5	Branched
Hebe rakensis	C5	Branched
Skimmia 'Kew Green'	C5	Branched
Verbenia 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 divulsa	C2	Full pot
Sedum 'Autumn Joy' (Herbstfreude)	C2	Full pot
Allium hollandicum	C2	Full pot

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 (350kgs/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 (350kgs/ha) Cutting height: Between 20-50mm
- Meadow Area Native Irish wildflower mixture
- Bulb Planting Native mixture

LANDSCAPE SPECIFICATIONS

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 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 phytotoxicity. 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.

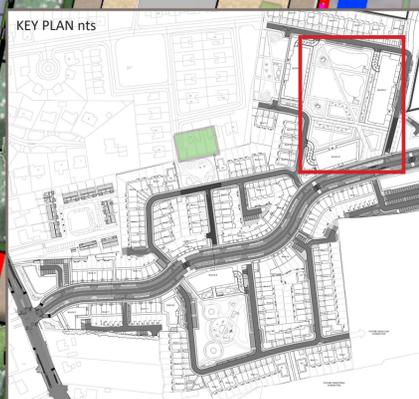
Planting objectives:
 To assist in visual screening of the proposed development site from surrounding road network and dwellings through retention of existing trees, new woodland belts and augmentation of existing hedgerows with additional native species planting. Planting species based on Pollinator 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 analysed 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.



Revision Details	Date	Rev
AMENDEDMENTS TO OPEN SPACE WITHIN ST COLUMBAS GREEN	22.04.21	A
PRE PLANNING	12.02.21	X

Status: **PLANNING**



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Client: **Steinfort Investments Fund**

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

Title: **St Columba's Green - Open Space Landscape Plan**

Scale@A1: 1:250 Date: February 2021
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