



**PROPOSED SOFTWORKS**

**Existing trees**

Standard 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)
Pu	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)

**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

**LEGEND:**

**PROPOSED HARDWORKS**

	PROPOSED - 450mm HIGH POLISHED PC CONCRETE SEATING WALLS WITH INTEGRATED HARDWOOD TIMBER SEATING		POTENTIAL HIGH TENSILE FABRIC CANOPY TO RAISED LAWN AREA TO FORM PART OF AN EVENTS SPACE
	PROPOSED - 150mm HIGH POLISHED PC CONCRETE STEPS TO RAISED LAWN AREA		CONCRETE STEPPING PLANS RECESSED IN LAWN AREA
	PROPOSED TIMBER SEATING		GRASS MOUNDING FOR NATURAL PLAY
	PROPOSED HARDWOOD TIMBER PICNIC TABLES		SWALE/ABOVE GROUND ATTENUATION. REFER TO ENGINEERS.
	PLAY AREAS, OUTDOOR EXERCISE EQUIPMENT AND NATURAL PLAY ELEMENTS; REFER TO DWG L-305		COMPOSITE TIMBER BOARDWALK
	PROPOSED BOUND SURFACING TO OPEN SPACE PATHS & AREAS		PC CONCRETE PERMEABLE SETS TO CAR PARKING SPACES AND ROADS
	APARTMENT BLOCKS - PC CONCRETE PAVING SETS		MODULAR TREE PLANTERS TO PLAZA
	PEDESTRIAN FOOTPATHS - ASPHALT	<b>PROPOSED BOUNDARIES</b>	
	GARDEN FOOTPATHS - TEGULA BLOCK PAVING		PROPOSED 2m FEATURE BRICK JOINING UNITS
	ROADS - ASPHALT, REFER TO ENGINEER'S DRAWINGS.		PROPOSED 1.2m POWDER COATED RAILING DEFINING ENTRANCES
	RAISED TABLE - ASPHALT, REFER TO ENGINEER'S DRAWINGS		PROPOSED 1.8m CONCRETE POST AND PANEL FENCE
	CYCLE LANE - TARMAC, REFER TO ENGINEER'S DRAWINGS		PROPOSED 1.2m FEATURE BRICK JOINING AND SEPARATING FRONT HOUSES AND DEFINING ENTRANCES
	SCULPTURE FEATURE/PUBLIC ART		PROPOSED 2m BLOCK WALL JOINING AND SEPARATING BACK GARDENS OF HOUSES
	PC CONCRETE SETS AS BANDING/EDGE SITE WIDE		PROPOSED 2m TEMPORARY FENCE HOT DIPPED GALVANIZED TO SECURE BOUNDARIES
	PC CONCRETE SETS TO PLAZA AND NEIGHBOURHOOD CENTRE		1.2m BOWTOP RAILING TO PLAY PARK
	PC CONCRETE STEPS/WALLS TO ATTENUATION AREA BANK		

**Shrub Planting**

High Shrub Planting		
Species	Stock	Spec
Pyracantha 'Orange Glow'	C5	Branched
Cornus alba 'Sibirica'	C5	Branched
Elaeagnus x ebbingei	C5	Branched
Visarum tinus 'Lucidum'	C5	Branched
Sarcococca hookeriana	C5	Branched
Hebe rakienis	C5	Branched
Skimmia 'Kew Green'	C5	Branched
Verberna 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% (Brown Top 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% (Brown Top Bent) + Sowing rate: 35g/m2 (350kgs/ha) Cutting height: Between 20-50mm

Meadow Area  
 Native Irish wildflower mixture      Bulb Planting Native mixture



COMMUNAL AMENITY      OUTDOOR EXERCISE



NATURAL PLAY SPACES      'KICK-ABOUT' AREAS



PLAZA SPACE/RAISED LAWN



ATTENUATION/SUDS/INFORMAL LAWN AREAS

**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 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.

Revision Details	Date	Rev
SITE LAYOUT UPDATED	07.06.21	B
AMENDMENTS TO OPEN SPACE WITHIN ST COLUMBAS GREEN	22.04.21	A
PRE PLANNING	12.02.21	X

Status: **PLANNING**



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Client: **Steinfert Investments Fund**

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

Title: Landscape Proposals Plan - 1:500

Scale@A1: 1:500      Date: February 2021

Dwg.no: 6473-L-306

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