

**Site Boundary**

**SHRUB AND HERBACEOUS MIXES**

- Note:**
- Allowance for minimum 450mm high quality top soil, 50mm ornamental grade mulch and 450mm BS subsoil to shrub and herbaceous mixes
  - Allow for an additional 30% of planted area of bulbs which are supplementary to each plant mix
  - Allow for 30% of total area to be 2L at 5 per m<sup>2</sup>, 30% of total area to be 3 at 4 per m<sup>2</sup> and 30% of total area 5L at 2-3 per m<sup>2</sup> and approx 10% specimen plants 10L pots

Plant Group	Description	Name	Ecological value	Grade	Height (cm)	Root Type	Container Size	Density
Herbaceous	Semi-evergreen Spring / summer blue flowers	Agave reptans 'Cattin's Giant'	+			C	0.5L	8
Herbaceous	Mat-forming Spring white flowers	Galium odoratum	+			C	0.5L	6
Herbaceous	Semi-evergreen Summer pink flowers	Geranium macrorrhizum	+			C	2L	4
Shrub	Evergreen Spring / summer white flowers	Hebe pinguifolia 'Page'	+			C	3L	3
Herbaceous	Summer / Autumn red flowers	Helenium 'Rubrowerf'	+			C	2L	4
Herbaceous	Semi-evergreen Spring / winter white flowers	Helleborus niger	+			C	0.5L	7
Shrub	Evergreen Summer white flowers	Pachysandra terminalis 'Variegata'	+	10-15(D)		C	0.5L	7
Shrub	Spring yellow flowers	Salix lanata	+	20-30		C	2L	4
Shrub	Evergreen Winter white flowers	Sarcococca hookeriana var. humilis	+	20-25		C	2L	4
Herbaceous	Summer / Autumn purple flowers	Verbena bonariensis	+			C	2L	6
Shrub	Mat-forming Evergreen Autumn / Spring / Summer violet	Vinca major	+	20-30(D)		C	1.5-2L	4
Herbaceous	Viola 'Broughton Blue'					C	0.5L	14
Bulbous	Narcissus 'Ice Follies'			12/14				20
Bulbous	Narcissus 'Tête-à-Tête'			10/12				20
Bulbous	Tulipa 'Queen of Night'			10/11				20

**S1: Marist Brothers Mix**

Plant Group	Description	Name	Ecological value	Grade	Height (cm)	Root Type	Container Size	Density
Herbaceous	Evergreen Spring pink / blue flowers	Agave reptans 'Multicolor'	+			C	2L	6
Herbaceous	Evergreen Spring pink flowers	Bergenia 'Bressingham Ruby'	+			C	2L	5
Grass	Evergreen Summer white / purple flowers	Deschampsia cespitosa	+			C	2L	4
Herbaceous	Autumn / Summer purple flowers	Echiracea purpurea	+			C	2L	5
Shrub	Purple stem Summer / Autumn pink/white flowers	Hebe 'Great Orme'	+			C	3L	3
Herbaceous	Semi-evergreen Spring / winter white flowers	Helleborus niger	+			C	2L	5
Herbaceous	Semi-evergreen Purple leaves Summer white flowers	Heuchera 'Prince'	+			C	2L	4
Shrub	Evergreen Winter yellow flowers	Mahonia x media 'Winter Sun'	+	30-40		C	3L	3
Shrub	Evergreen Autumn orange fruit Summer white flowers	Pyracantha 'Orange Glow'	+	40-60		C	3L	2
Grass	Evergreen Autumn / Summer purple flower	Pennisetum alopecuroides 'Hameln'	+			C	2L	3
Herbaceous	Semi-evergreen Autumn / summer violet flowers	Penstemon biartus 'Superta'	+			C	2L	4
Shrub	Evergreen / silver leaves Summer yellow flowers	Phytolacca fruticosa	+	20-30		C	2L	4
Shrub	Evergreen Purple leaves Spring / summer purple flowers	Rosmarinus officinalis 'Miss Joseph's Wonder'	+	20-30		C	2L	4
Herbaceous	Autumn / Summer yellow flowers	Rubus idaeus	+			C	0.5L	6
Shrub	Evergreen Winter white flowers	Sarcococca hookeriana var. humilis	+	20-25		C	3L	4
Herbaceous	Purple multi-blossom Spring / Summer white/pink flowers	Tieria 'Spring Symphony'	+			C	2L	5
Shrub	Summer white flowers	Viburnum opulus 'Compactum'	+	60-80	RB			1
Bulbous	Alum 'Purple Sensation'			12/4				5
Bulbous	Narcissus 'Ice Follies'			12/14				20
Bulbous	Narcissus 'Tête-à-Tête'			10/12				20
Bulbous	Tulipa 'Queen of Night'			10/11				20
Bulbous	Tulipa 'Red Riding Hood'			10/11				20

**S2: Sean Costello Mix**

Plant Group	Description	Name	Ecological value	Grade	Height (cm)	Root Type	Container Size	Density
Herbaceous	Evergreen Spring pink / blue flowers	Agave reptans 'Multicolor'	+			C	2L	6
Herbaceous	Evergreen Spring pink flowers	Bergenia 'Bressingham Ruby'	+			C	2L	5
Grass	Evergreen Summer white / purple flowers	Deschampsia cespitosa	+			C	2L	4
Herbaceous	Autumn / Summer purple flowers	Echiracea purpurea	+			C	2L	5
Shrub	Purple stem Summer / Autumn pink/white flowers	Hebe 'Great Orme'	+			C	3L	3
Herbaceous	Semi-evergreen Spring / winter white flowers	Helleborus niger	+			C	2L	5
Herbaceous	Semi-evergreen Purple leaves Summer white flowers	Heuchera 'Prince'	+			C	2L	4
Shrub	Evergreen Winter yellow flowers	Mahonia x media 'Winter Sun'	+	30-40		C	3L	3
Shrub	Evergreen Autumn orange fruit Summer white flowers	Pyracantha 'Orange Glow'	+	40-60		C	3L	2
Grass	Evergreen Autumn / Summer purple flower	Pennisetum alopecuroides 'Hameln'	+			C	2L	3
Herbaceous	Semi-evergreen Autumn / summer violet flowers	Penstemon biartus 'Superta'	+			C	2L	4
Shrub	Evergreen / silver leaves Summer yellow flowers	Phytolacca fruticosa	+	20-30		C	2L	4
Shrub	Evergreen Purple leaves Spring / summer purple flowers	Rosmarinus officinalis 'Miss Joseph's Wonder'	+	20-30		C	2L	4
Herbaceous	Autumn / Summer yellow flowers	Rubus idaeus	+			C	0.5L	6
Shrub	Evergreen Winter white flowers	Sarcococca hookeriana var. humilis	+	20-25		C	3L	4
Herbaceous	Purple multi-blossom Spring / Summer white/pink flowers	Tieria 'Spring Symphony'	+			C	2L	5
Shrub	Summer white flowers	Viburnum opulus 'Compactum'	+	60-80	RB			1
Bulbous	Alum 'Purple Sensation'			12/4				5
Bulbous	Narcissus 'Ice Follies'			12/14				20
Bulbous	Narcissus 'Tête-à-Tête'			10/12				20
Bulbous	Tulipa 'Queen of Night'			10/11				20
Bulbous	Tulipa 'Red Riding Hood'			10/11				20

**TREES**

**Note:**

- All trees to be rootballed unless otherwise specified
- Mulch: All specimen trees in soft landscape to have 75mm mulch depth of mulch in 500mm radius around tree base.
- Topsoil: To be spread in layers no greater than 150mm depth. Gently firm each layer before spreading the next. Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.
- Subsoil: Grade to smooth and flowing contours to achieve specified finished levels of topsoil. Spread subsoil in layers of no more than 200mm thick and consolidate each layer with earthmoving plant to exclude large voids but prevent over-compaction. The resulting area must form free draining ground, free from hollows or depressions. If area becomes over-worked or compacted, loosen thoroughly with a 3 line ripper.
- Root barrier: All trees within 6m of hard surfacing, services or structure to have appropriate depth (1200mm adjacent to services and 600mm adjacent to hard surfaces) of proprietary vertically ribbed root barrier located to protect relevant surface / service or structure.
- Aeration/ Irrigation: All specimen trees to have appropriate proprietary aeration/ irrigation provision.
- Fencing to woodland planting blocks: 1400mm high timber post, wire with vermin mesh stockproof fence
- All trees to have underground guying support - fixings to be suitable to ground conditions

- T1 - Standard Trees**
- T1a - Standard Trees in Hard**  
Allowance to be made for intensive tree pits using StrataCell system or similar approved.
- T2 - Standard Trees**
- T3 - Multi Stems**

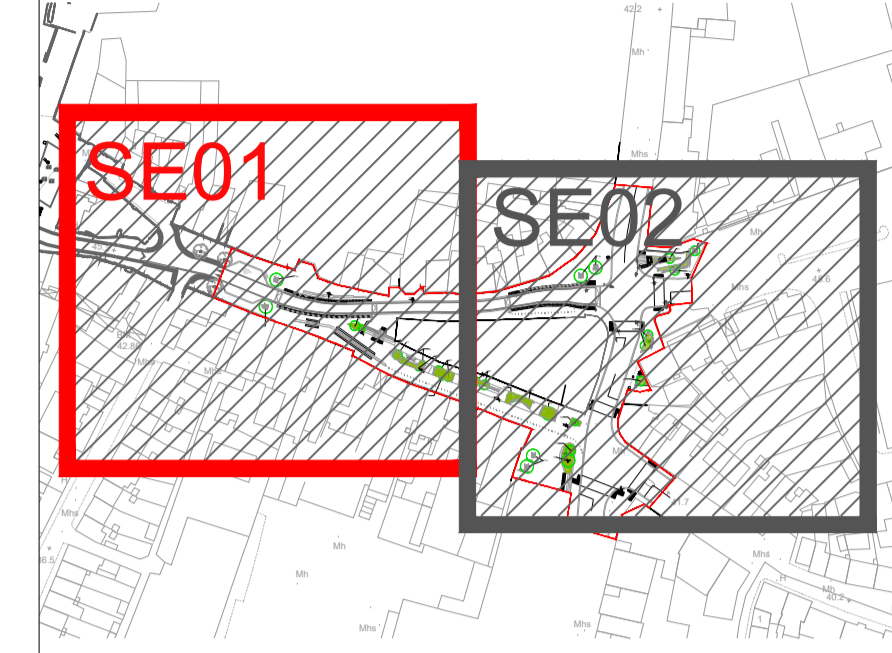
Code	Name	Form	Age	Approximate Girth (cm)	Approximate Height (cm)	Clear Stem (cm)
T3	Acer campestre	Multi stem	3x	250-300		
T3	Ampelancher lamarkii	Multi stem	3x	300-350		
T1 / T1a	Betula pendula	Standard (Semi mature)	4x	35-40	600-700	min 200
T3	Corylus avellana	Multi stem	3x	200-250		
T2	Prunus avium	Standard (Semi mature)	3x	20-25	500-550	min 200
T1 / T1a	Prunus avium 'Plena'	Standard (Semi mature)	5x	35-40	600-700	min 200
T2	Sorbus aria	Standard (Semi mature)	3x	20-25	min 450	min 200
T2	Sorbus aucuparia	Standard (Semi mature)	3x	20-25	500-550	min 200



**NOTES**

- All measurements shown are in metres, and all levels are to ordnance datum unless otherwise indicated
- All Coordinates are to ITM, unless otherwise noted.

**KEY PLAN**



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Rev	Date	Description	App
2	12.03.2021	Final Draft For Planning	MS
1	05.03.21	DRAFT issue for comment	BT
-	12.02.21	DRAFT issue for Planning	BT

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Client

**WESTMEATH COUNTY COUNCIL**  
Comhairle Chontae na hIarmhí

**Project Ireland 2040**  
Building Ireland's Future

Project Status: **P01**

Project: **Athlone Public Realm**

Drawing: **General Arrangments SE01**  
**Soft Landscape**

Scale: **1:200 @ A1**

Drawn: MS 11.02.2021  
Checked: BT 11.02.2021  
Approved: BP 11.02.2021

Project - Organisation - Zone - Level - Type - Role - Number - Revision  
ATPR - OPEN - Z1 - XX - DR - LA - 2012 - 2

Project Number: **E2251**  
Status code & Description: **S0 WIP**

All dimensions are in metres. Figured dimensions to be taken in preference to scaled dimensions. Dimensions to be checked on site. © 2021 McAdam Design Ltd.

