

Number	Abbreviation	Species	Specification	Height	Density	Percentage Contribution	Length
1	1	1	1	1	1	1	1
221	COR AVE	Acer campestre	1+1 Transplant - seed raised	12-15	150-200	15%	100.00m
690	CRA MON	Crataegus monogyna	1+1 Transplant - seed raised	12-15	150-200	15%	100.00m
148	LEA RUI	Leucocorypha	1+1 Transplant - seed raised	12-15	150-200	15%	100.00m
295	PRUSP	Prunus spinosa	1+1 Transplant - seed raised	12-15	150-200	15%	100.00m
5	ROS CAN	Rosa canina	1+1 Transplant - seed raised	12-15	150-200	15%	100.00m
Total 1472							201.00m

Tree	Number of Plants	Abbreviation	Species	Specification	Height	Grth	Density	Counted
6	1	A ca	Acer campestre	Heavy Standard: 5 brks. 3x RB. Clear Stem minimum 200cm	350-425cm	12-14cm	Counted	1
12	1	A ca	Acer campestre	Heavy Standard: 5 brks. 3x RB. Clear Stem minimum 200cm	350-425cm	12-14cm	Counted	1
12	1	ACEOLMA	Acer platanoides 'Olmsted'	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
14	1	ALN GUL	Alnus glutinosa	Heavy Standard: 5 brks. 3x RB. Clear Stem min. 200cm	350-425cm	12-14cm	Counted	1
14	1	A lam	Amanchier lamardii	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
2	1	BET PEN	Betula pendula	Extra Heavy Standard: 3x RB. Clear Stem min. 200cm	450-500cm	18-20cm	Counted	1
2	1	BET PUB	Betula pubescens	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
9	1	C be F F	Carpinus betulus 'Frans Fontaine'	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
21	1	PRUS PAD	Prunus padus	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
4	1	PRUPAAL	Prunus padus	Extra Heavy Standard: 3x RB. Clear Stem min. 200cm	450-500cm	18-20cm	Counted	1
13	1	PRUPAAL	Prunus padus	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
11	1	QUC ROB	Quercus robur	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
3	1	QUC ROB	Quercus robur	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
6	1	SAL CAE	Salix caprea	Heavy Standard: 5 brks. 3x RB. Clear Stem 175-200cm	350-425cm	12-14cm	Counted	1
Total 118								11

Shrub	Number of Plants	Abbreviation	Species	Specification	Height	Pot Size	Density	Area
133	1	BER NAN	Berberis thunbergii	Branched: 4 brks. C	20-25cm	3L	4mm	1.5569m²
49	1	SRA SUN	Brachyglottis 'Sunshine'	Branched: 5 brks. C	30-40cm	3L	2mm	21.5033m²
12	1	CEA MOU	Ceanothus 'Blue Mound'	Branched: 5 brks. C	30-40cm	3L	2mm	1.8413m²
13	1	CEA REP	Ceanothus 'Rivisillous repens'	Bushy: 5 brks. C	30-40cm	3L	2mm	4.05m²
17	1	CHO SUN	Chorizanthe 'Sunshine'	Bushy: 4 brks. C	30-40cm	3L	2mm	5.4033m²
4	1	CIS PIN	Cistus 'Silver Pink'	Bushy: 4 brks. C	20-30cm	3L	2mm	1.2071m²
11	1	COR ELE	Cornus alba 'Elegantissima'	Branched: 4 brks. C	30-40cm	3L	2mm	1.2559m²
27	1	COT PUR	Cornus coccinea 'Royal Purple'	Branched: 3 brks. C	30-40cm	3L	2mm	3.3656m²
9	1	ELA EBB	Elaeagnus argentea 'Maculata'	Branched: 5 brks. C	30-40cm	3L	2mm	1.8789m²
110	1	ERI PIN	Erica carnea 'Springwood Pink'	Bushy: 4 brks. C	30-40cm	3L	2mm	20.8889m²
14	1	ERI WHI	Erica carnea 'Springwood White'	Bushy: 4 brks. C	30-40cm	3L	2mm	13.432m²
167	1	EVO GAI	Euonymus fortunei 'Emerald Gaiety'	Bushy: 7 brks. C	20-30cm	3L	2mm	52.2404m²
28	1	EVO GLO	Euonymus fortunei 'Silver Queen'	Bushy: 5 brks. C	20-30cm	3L	2mm	5.123m²
2	1	GEN LYD	Geranium 'Mrs Popple'	Bushy: 5 brks. C	20-30cm	3L	2mm	4.4589m²
11	1	GEN LYD	Geranium 'Mrs Popple'	Bushy: 5 brks. C	20-30cm	3L	2mm	2.287m²
38	1	HEB GLO	Hebe 'Autumn Glory'	Bushy: 5 brks. C	20-30cm	3L	2mm	14.775m²
38	1	HEB GEM	Hebe 'Green Globe'	Bushy: 7 brks. C	18-20cm	3L	2mm	6.0073m²
87	1	HEB RAV	Hebe 'Mrs Winder'	Bushy: 5 brks. C	30-40cm	3L	2mm	24.921m²
30	1	HYD WAV	Hydrangea macrophylla 'Blue Wave'	Branched: 5 brks. C	40-60cm	3L	2mm	12.6882m²
22	1	HYD LIT	Hydrangea paniculata 'Lime Light'	Branched: 5 brks. C	30-40cm	3L	2mm	6.8643m²
62	1	HYD BLU	Hydrangea serrata 'Bluebird'	Branched: 5 brks. C	40-60cm	3L	2mm	27.1139m²
28	1	LAV HIL	Lavandula angustifolia 'Hidocote'	Bushy: 5 brks. C	20-30cm	3L	2mm	7.4059m²
32	1	MAH APO	Malva aquilifolia 'Apollo'	Branched: 2 brks. C	20-30cm	3L	4mm	7.7439m²
119	1	PIE FAN	Pieris 'Forest Flame'	Bushy: 4 brks. C	30-40cm	3L	2mm	11.811m²
6	1	PIE FAN	Pieris 'Forest Flame'	Bushy: 4 brks. C	30-40cm	3L	2mm	1.8467m²
11	1	POT ABB	Potentilla fruticosa 'Alderswood'	Bushy: 4 brks. C	30-40cm	3L	2mm	1.541m²
11	1	POT ELL	Potentilla fruticosa 'Elizabeth'	Bushy: 3 brks. C	30-40cm	3L	2mm	1.5333m²
6	1	PRU LUS	Prunus lauralina	Bushy: 3 brks. C	30-40cm	3L	2mm	3.2891m²
14	1	SAN CHA	Santolina chamaecrista	Bushy: 4 brks. C	30-40cm	3L	2mm	1.8467m²
99	1	SKI RUB	Skimmia japonica 'Rubella'	Bushy: 3 brks. C	30-40cm	3L	4mm	5.5981m²
18	1	VIB DAY	Viburnum davidii	Bushy: 4 brks. C	20-30cm	3L	2mm	5.7041m²
13	1	VIB PRI	Viburnum prinos 'Eve Price'	Bushy: 4 brks. C	30-40cm	3L	2mm	10.8389m²
11	1	VIN MAJ	Vinca major	Several Shoots: 3 brks. C	3L	3mm	3	4.5677m²
Total 1482								417.1713m²

Herbaceous	Number of Plants	Abbreviation	Species	Specification	Height	Pot Size	Density	Area
8	1	ACH MOL	Achillea millefolium	Full Pot: C	3L	3mm	1	1.7021m²
37	1	AST FAN	Astilbe 'Fanal'	Full Pot: C	3L	4mm	3	8.3081m²
25	1	AST GRA	Astilbe 'Gratia'	Full Pot: C	3L	4mm	3	6.8783m²
87	1	BEN COR	Bergenia cordifolia	Full Pot: C	3L	5mm	18	47.975m²
17	1	ECH MAG	Echinacea purpurea 'Magnus'	Full Pot: C	3L	4mm	3	3.9005m²
20	1	EUP ROB	Euphorbia angustifolia 'Robbie'	Full Pot: C	3L	5mm	18	47.975m²
37	1	GER BLU	Geranium 'Johnson's Blue'	Full Pot: C	3L	4mm	3	8.2475m²
98	1	GER ALB	Geranium 'macrorrhizum' 'Album'	Full Pot: C	3L	4mm	21	7.35m²
29	1	HEU RUF	Heuchera 'Chocolate Rollins'	Full Pot: C	3L	4mm	6	6.6099m²
21	1	HEU PIE	Heuchera 'Key Lime Pie'	Full Pot: C	3L	4mm	4	4.7387m²
109	1	HEU MAR	Heuchera 'Marmalade'	Full Pot: C	3L	4mm	24	10.033m²
30	1	HEU PUR	Heuchera 'maritima' 'Palace Purple'	Full Pot: C	3L	4mm	6	6.8899m²
21	1	RUD GOL	Rudbeckia fulgida 'sulfurata' 'Goldsturm'	Full Pot: C	3L	4mm	3	3.0208m²
1	1	SAL TRI	Salvia officinalis 'Triostar'	Full Pot: C	3L	4mm	1	1.5829m²
Total 569								129.5334m²

Formal Hedge	Number	Abbreviation	Species	Specification	Height	Pot Size	Density	Length
4749	1	PRU LUY	Prunus laurocerasus 'Otto Luyken'	Bushy: 3 brks. C	120-40cm	2L	15m	359.1912m
Total								359.1912m

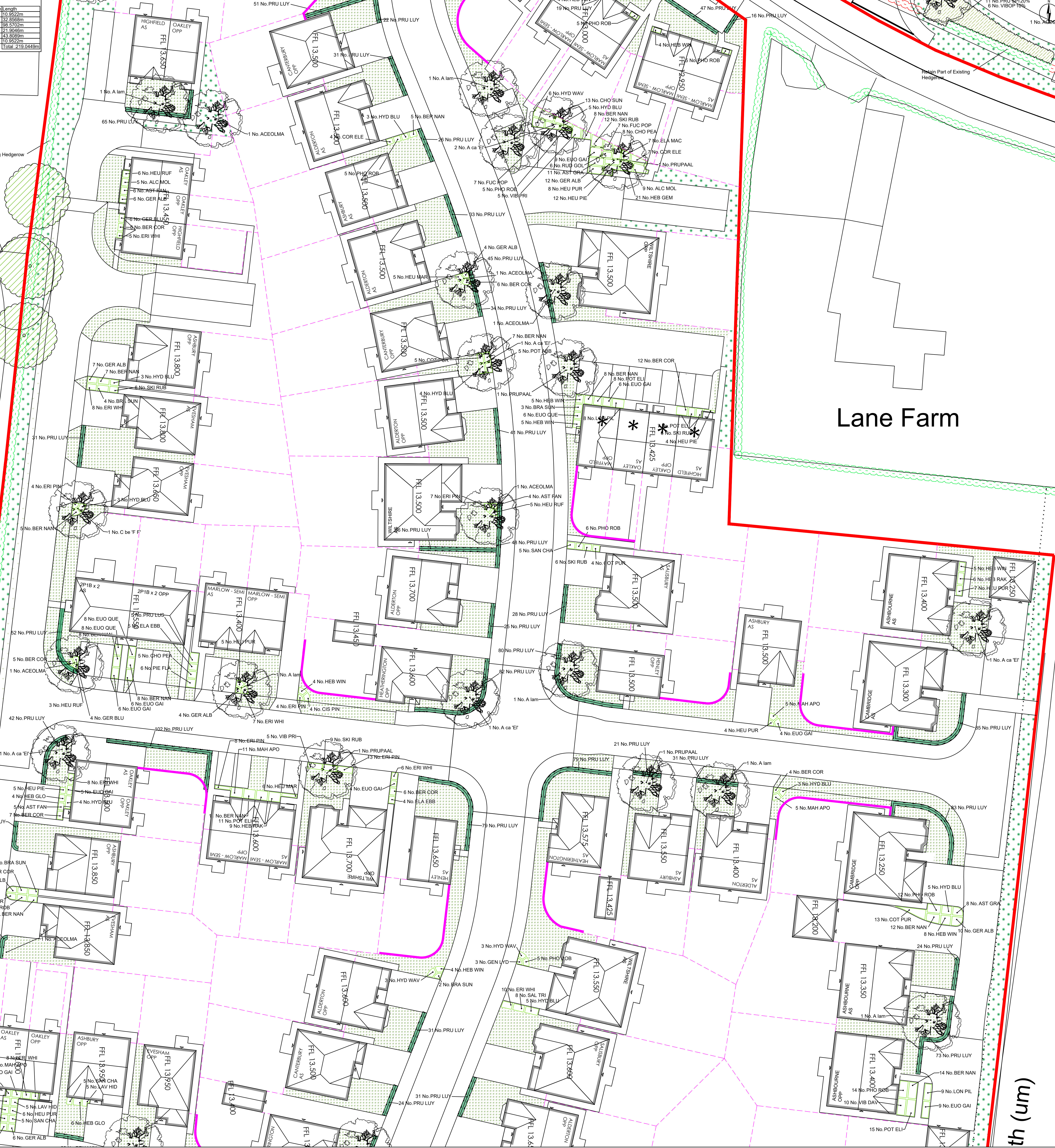
Hawthorn Hedge							
Number	Abbreviation	Species	Specification	Height	Density	Length	
661 -	C mon	Crataegus monogyna	1+1 :Transplant - seed raised -B	60-80cm	0.3Ctr Double Staggered at 0.3m offset	99.0152m	
						Total :99.0152m	

Grass Areas	Seed Mix Name	Seed Mix Supplier	Density	Area
745.1684m²	RE3	Germinal	50m²	
423.3862m²	WF19	Germinal	20m²	
Total 1169.5546m²				

Native Shrub Mix	Number	Abbreviation	Species	Specification	Height	Pot Size	Density	Percentage Contribution	Area
233	1	COR AVE	Coronilla avellana	1+2 Transplant - seed raised	12-15	150-200	15%	15%	10.734m²
233	1	CRA MON	Crataegus monogyna	1+1 Transplant - seed raised	12-15	150-200	15%	15%	10.734m²
1	1	LEA RUI	Leucocorypha	1+1 Transplant - seed raised	12-15	150-200	15%	15%	10.734m²
119	1	PRU SPI	Prunus spinosa	1+1 Transplant - seed raised	12-15	150-200	15%	15%	10.734m²
62	1	VIBOP	Viburnum opulus	1+2 Transplant - seed raised	12-15	150-200	15%	10%	6.75829m²
Total 596									57.98219m²

Landscape Layout Key:

- Site Boundary
- Existing trees and hedgerows to be retained and protected during the works.
- Existing trees to be removed
- Proposed ornamental planting on 400mm depth of topsoil with 75mm bark mulch.
- Proposed native tree planting, tree pit and double sowing as detailed in the specification.
- Small ornamental tree / large shrub planting, tree pit and double sowing as detailed in the specification.
- Proposed single or mixed native hedgerow planted in a double staggered row at 0.3m centres and 0.3 offset. Bare root transplants with shelter guard tubes and stakes.
- Proposed single/mixed native species formal hedge planted in a single row at 0.2 centres. Container transplants.
- Front gardens to be turfed on 150mm topsoil.
- Public open space to be sown with Germinal Aberystwyth mix, or similar approved, to be sown at a rate of 40g/m² on 150mm topsoil.
- Public open space to be sown with Germinal Eco Species Rich Lawn mix, or similar approved, to be sown at a rate of 10g/m² on 150mm topsoil.
- Native tree / shrub planting to be planted as 60-80cm high planting at 1m centres, for additional wildlife habitat.
- Wildflower seeding, Germinal RE3 River Floodplain / Water Meadow (MGS Grassland), to the existing water course, to public open space, to be sown at 5g/m².
- Wildflower seeding, WF19 Pollinators Paradise, to the public open space to be sown at 2g/m².



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LANDSCAPE AND MAINTENANCE SPECIFICATION

General Treatment of Planting Areas

For work over a 100m² area, the following shall be observed in design, construction & maintenance:

- Damage to Plants to be Replaced: If a plant is to be replaced, the replacement shall be of the same or better quality, and shall be replaced or repaired to the satisfaction of the client.
- Replacement of Plants: If a plant is to be replaced, the replacement shall be of the same or better quality, and shall be replaced or repaired to the satisfaction of the client.
- Replacement of Plants: If a plant is to be replaced, the replacement shall be of the same or better quality, and shall be replaced or repaired to the satisfaction of the client.

GROUND PREPARATION AND SOIL SPECIFICATION

Soil Preparation

Soil shall be prepared to a depth of 300mm as per general preparation and specification. The soil shall be prepared to a depth of 300mm as per general preparation and specification. The soil shall be prepared to a depth of 300mm as per general preparation and specification.

PLANTING SPECIFICATION

Planting

Plants shall be planted in accordance with the following British Standard Specification and Recommendations:

- BS 5831:2013: Trees from nursery to professional use
- BS 5832:2013: Shrubs from nursery to professional use
- BS 5833:2013: Grasses from nursery to professional use
- BS 5834:2013: Perennials from nursery to professional use
- BS 5835:2013: Climbers from nursery to professional use
- BS 5836:2013: Foliage from nursery to professional use
- BS 5837:2013: Flowering from nursery to professional use
- BS 5838:2013: Conifers from nursery to professional use
- BS 5839:2013: Palms from nursery to professional use
- BS 5840:2013: Ferns from nursery to professional use
- BS 5841:2013: Mosses from nursery to professional use
- BS 5842:2013: Other plants from nursery to professional use

MAINTENANCE AND MANAGEMENT

Maintenance

Plants shall be maintained in accordance with the following British Standard Specification and Recommendations:

- BS 5831:2013: Trees from nursery to professional use
- BS 5832:2013: Shrubs from nursery to professional use
- BS 5833:2013: Grasses from nursery to professional use
- BS 5834:2013: Perennials from nursery to professional use
- BS 5835:2013: Climbers from nursery to professional use
- BS 5836:2013: Foliage from nursery to professional use
- BS 5837:2013: Flowering from nursery to professional use
- BS 5838:2013: Conifers from nursery to professional use
- BS 5839:2013: Palms from nursery to professional use
- BS 5840:2013: Ferns from nursery to professional use
- BS 5841:2013: Mosses from nursery to professional use
- BS 5842:2013: Other plants from nursery to professional use

REVISIONS

REV	DESCRIPTION	DATE
A	Minor changes	21/01/21
B	Amended to layout "...Rev G"	27/05/21
C	Minor amendments	18/06/21
D	Minor amendments	25/06/21
E	Minor amendments	25/06/21
F	Minor amendments	10/06/22
G	Amended to layout "...Rev I"	12/05/23
H	Amended to layout "...Rev J"	07/12/23

Ascerta

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CLIENT: Castle Green Homes
PROJECT: Rossett Road, Wrexham
DRAWING TITLE: Planting Plan (Sheet 4 of 5)
SCALE: 1:200 @ A0
DRAWN BY: CHD BY DATE: 10/01/2021
CHECKED BY: CO DATE: 10/01/2021
DRAWING NO: P.1416.20.02
REV: H