

LANDSCAPE AND MAINTENANCE SPECIFICATION

All operations to comply with appropriate British Standards unless otherwise stated on drawings or in specification.

GENERAL TREATMENT OF PLANTING AREAS

Ensure that planting areas are protected from consolidation by heavy construction plant.

For work near a retained tree: Refer to BS 5837 Trees in relation to design, demolition & construction Recommendations- Section 9 (Appendix C).

Damage to Plants to be Retained: If a plant is to be retained is damaged, the plant is to be repaired replaced by the contractor at their own expense. "Damaged" means:

- The destruction of a plant the breaking of branches or roots The debarking of trunks or limbs •
- The contamination of root zone soil or plants from drift sprays, dust or contaminated storm water • The damage by the placement of fill or building materials within the canopy perimeter or otherwise.
- **GROUND PREPARATION AND SOIL SPECIFICATION** 1)

Subsoil:

•

Before receiving topsoil, subsoil shall be loosened using appropriate equipment to a depth of 300mm. The shall be done when the subsoil is dry so as to encourage soil shattering. All stones and other objects larg than 50mm shall be removed from the prepared surface. The loosened subsoil shall be roughly levelled s that an even depth of topsoil can be achieved.

Topsoil (To Comply with British Standard 3882:2015 - Specification for Topsoil):

Imported topsoil shall be Multipurpose Grade as described in BS 3882:2015 and suitable for sustaining plant life. Stockpiling of soil shall be avoided whenever possible to minimise loss of physical quali diffusion of oxygen and biological activity.

Any stockpiling shall not exceed 1.5 metres high and shall be sited so as to avoid risk of muddy wat run-off into a watercourse, not exceeding 1.5 metres high.

The site of the stockpile will be prepared in advance by grading, removing rubbish and ensuring no fuel chemicals were previously stored in area.

Topsoil shall be lightly consolidated in layers not exceeding 150mm using track laying machinery.

Soil shall not be handled in inappropriate conditions of weather and soil moisture i.e.

During or shortly after heavy precipitation

When soil is in a waterlogged condition

When the ground is frozen or covered by snow

When there are pools of water on the grounds surface. Topsoil shall be laid to the following minimum depths:

150mm below new grass areas

300mm to rear gardens

400mm beneath new shrub areas.

Finished levels, after settlement, shall be as follows:

25mm above adjacent paving from new grassed areas and non-mulched shrub beds

75mm below adjacent paving and grass for mulched planting beds.

150mm below damp proof courses.

GROUND CONDITIONING 2)

40 litres of compost to be incorporated into the top 200mm of each square metre of topsoil for ornamental shrub beds.

PLANT AND PLANTING SPECIFICATION 3)

All plant stock, plant handling and planting to be undertaken in accordance with the following Britis Standard Specifications and Code of Practice:

BS 8545:2014 'Trees: from nursery to independence in the landscape

BS 3936: Part 1 1992 Nursery stock (Specification for trees and shrubs)

BS 3936: Part 4 1984 Nursery stock (Specification for forest trees)

BS 3936: Part 9 1987 Nursery stock (Specification for bulbs, corms and tubers) BS 3936: Part 10 1990 Nursery stock (Specification for ground cover plants)

BS 4428: 1989 Recommendations for general landscaping operations.

BS 4043: 1989 Recommendations for transplanting root-balled trees. (withdrawn)

The Code of Practice for Plant Handling 1985. (Horticultural Trades Association).

Plant Stock:

Plant stock to be supplied in accordance with the size and description specified ion the plant schedule a position indicated on the most current revision of the planting plan.

Plant stock shall be healthy, vigorous, free from pests and diseases and suitably hardened off for proposed situation of planting and lifted at a time in accordance with good nursery practice. Stock shall have a well-formed fibrous root system and be free from perennial weeds. The form of trees shall be accordance with BS 3936: Part 1:1992, Section 7, Form of Trees.

Plant Handling:

All plant materials shall be lifted, bundled, labelled, packaged, transported, temporarily stored and planted accordance with the procedures and methods illustrated in the publication, "Plant Handling" (Horticultur Trades Association) and relevant sections of BS 4043: 1989 Transplanting Root-Balled Trees.

Tree Planting:

Trees to be pit planted following supplier recommendations. Minimum pit size: Selected standard tree 750 750 x 700, Heavy standard tree 1000 x 1000 x 1000mm. Pits to be prepared to base and sides of pit to be further scarified.

Trees to be double staked using two stakes (75mm dia.), driven into ground 400mm below bottom of Trees to be centrally located and stem placed in an upright position. Pit to be backfilled with 200-600m (dependant on depth of pit due to size of tree) of a mix of subsoil with a 70 to 80% mix of sharp sar Irrigation pipe to put around bottom of rootball with 25mm of pipe sticking out from the bark mulch lev Backfill remaining area of pit with 400mm of a 3:1 mix of an approved topsoil with compost. Backfill firmly 50mm above previous ground level and creating a slightly domed shape with the highest point being at centre of the tree to assist drainage and settlement. Tree pits in grass to contain a 600mm diameter circle medium grade bark mulch to a settled depth of 75mm. Water each tree in same day of planting, 30 to litres per tree dependant on size and soil conditions. All works shall be carried out to the minimum standa according to BS 3936: 1992 Part 1 Nursery Stock. Specification for Trees and Shrubs. BS 4043: 198 Recommendations for transplanting root-balled trees.

Staking:

Double stake all trees with two stakes, a crossbar, a spacer and webbing. Stakes to be round timber with chamfered tops. Position stake close to tree on windward side and drive vertically at least 400mm in bottom of pit before planting. Backfilling: consolidate material around stake. Height of stakes: cut approximately 600mm above ground level, taking care not to damage the bark. Ties: Webbing with spacer. Tying: secure tree firmly to crossbar with spacer and webbing.

the	Mulch: All shrub beds shall be spread with a medium grade bark mulch to a settled depth of 75mm. Tree locations in grass should have a 600mm diameter circle of medium grade bark mulch to a settled depth of 75mm. Mulch to be free from fines, weeds, disease and contaminants.
on -	Ornamental shrub and Herbaceous planting: To be set out carefully and evenly over indicated areas. Remove plants from pots and plastic containers, plant and water in thoroughly. Shrubs shall be individually pit planted in prepared pits sized to accommodate full spread of roots. Plants shall be evenly spaced over the planting area. Firm backfill by treading, ensuring the ground is not overly compacted and that the plant is positioned upright.
d or	New formal hedges Consistent in species, cultivar and clone to ensure a uniform hedge. To be planted in a previous prepared planting bed 0.6 metre wide. Plant stock to be planted centrally in a single row at 330mm spacings (3 per linear metre). Ensure plants are planted to the correct depth to correspond to the soil mark on main stems. Prune back to a height of 1 metres.
e. This rger	Turfed Areas: To be specified and laid in accordance with BS. 3936:1998 Recommendations for turf for general purposes. Turf to be Lindum Festival Turf (or similar approved). Hardwearing with a dense sward containing a mixture of 25% perennial ryegrass, 55% fescues and 20% smooth stalked meadow grass. This mix is easy to maintain and will recover well from general wear. Turf to be laid in suitable weather conditions on a prepared bed with no weeds and a suitable slow release fertiliser applied to bed prior to laying. Turf to be watered regularly until it is well established.
d so ning	Rear gardens: Subsoil to be prepared to a depth of 300mm as per ground preparation and soil specification. Topsoil to be supplied as per ground preparation and soil specification to a depth of 300mm, after gentle compaction and to be left bare in rear gardens.
ality, vater el or	Grass Seeding: Public open spaces shall be Germinal AberSustain mix, or similar approved. Sowing to be taken between March and October. Topsoil shall be cultivated to a fine tilth, be free from weeds, stones and other debris. Levels to be graded to form finished levels as indicated in section, 'Topsoil'. Roll, fertilise at 50gms/sq m, 10-14 days prior to seeding, sow at rate of 40g/m2 and lightly rake. First cut to be undertaken when grass reaches 50mm.
	Wildflower Seeding: Seed mix shall be Germinal WFG20 Eco Species Rich Lawn, or similar approved. Sowing to be taken between March and October. Topsoil shall be cultivated to a fine tilth, be free from weeds, stones and other debris. Sow at rate of 10 g/m2 and lightly rake. First cut to be undertaken 6 weeks after sowing or when reaches 70-100mm.
	Seed mix shall be Germina/ RE3 River Floodplain / Water Meadow (MG8 Grassland), or similar approved within the proposed pond. Sowing to be taken between March and October. Topsoil shall be cultivated to a fine tilth, be free from weeds, stones and other debris. Sow at rate of 5 g/m2 and lightly rake. First cut to be undertaken 6 weeks after sowing or when reaches 70-100mm.
r all	Seed mix shall be Germinal WF19 Pollinators Paradise, or similar approved. Sowing to be taken between March and October. Topsoil shall be cultivated to a fine tilth, be free from weeds, stones and other debris. Sow at rate of 2 g/m2 and lightly rake. First cut to be undertaken 6 weeks after sowing or when reaches 70-100mm.
tish	 A) MAINTENANCE AND MANAGEMENT Plant stock and soft landscaped areas shall be maintained for a period of five years via the developers' agent or appointed Management Company during which time the following operations shall be carried out: Regular visits: Monthly maintenance visits to include the following operations:
and	 Hand weed planting beds Remove litter Sweep mulch spillage Re-firming plant stock to ensure the new planting is all planting to upright positions. Adjust stakes and ties as necessary Prune plant stock as required to encourage good form Check all plant stock and report signs of pests, disease, death and damage
the nave e in	Mulch: Top up mulch levels (using matching material) surrounding trees and within beds to 75mm at the end of the maintenance period.
ed in ural;	Watering: Plant stock to receive the following quantities of water: Trees: Water regularly each month dependant on size, soil conditions and weather conditions between April and September. Shrubs and transplants: 5 litres/plant on three occasions throughout growing season. Watering to be undertaken during the first 24 months as needed to maintain plant health.
i0 x be	Grass Maintenance: Grass shall be cut throughout the growing season to maintain a sward of approximately 38mm. Shall be edged, watered as necessary and clippings removed.
f pit. Omm sand. evel. ly to t the le of o 50	Wildflower Maintenance: In the first year once the sward height is at least 10cm, cut to a sward length of 70mm after flowering, allowing the heads to go to seed and the seeds to drop into the soil so as they regrow the next year. The seeds can be firmed into the ground to promote regrowth. The clippings should be left to allow annuals to return also. Cut to a sward length of 70mm annually after the flowers have set seed for the following years, leaving the
o 50 dard 1989	clippings in situ to promote regrowth. <u>RE3 River Floodplain / Water Meadow (MG8 Grassland)</u> Autumn Sown: during the first year: first cut shall be early July, then monthly during August, September and October to maintain a sward of approximately 70mm.
with into it to th a	 Thereafter: shall be cut 2 times a year mid-July to early September to maintain a sward of approximately 70mm. Spring Sown: during the first year: first cut shall be mid-September, then again during October to maintain a sward of approximately 70mm. Thereafter: shall be cut 1 time a year mid-July to early September or as required leaving at least fortnight between cuts to maintain a sward of approximately 70mm. The clippings shall be left in situ for 3 to 7 days to allow seed drop, then removed to prevent nutrient build

The clippings shall be left in situ for 3 to 7 days to allow seed drop, then removed to prevent nutrient build up.

						DO NOT SCALE	ALL COORDINATES RELATED TO LOC LOCATED TO OS NG BY BEST FIT TO EXTRACTED FROM OS DIGIT
WFG20 Eco	o Species I	Rich Lawn Maintenance				the property of Ascerta. The dra	ign and technical information contained awing may only be used for the specific and may not be reproduced or copied w
First Cut: M	id-Septeml	per. Cutting height approxima ut 2 times a year mid-Augus	-	ntain a sward of a	approximately		
70mm.		left in situ for 3 to 7 days to a	-				
up.	,						
New Tree/S		ting : d to ensure planting area is	weed free Check stakes	and quarde are	in place and		
replace wh	ere neces	sary. Prune, thin and rem ween October and January	ove suckers, seedlings,	dead, damaged,	or diseased		
stock in win	•	and January	to avoid the bird hesting	Season. Replace	acaa / aying		
Plant repla		andalised plant stock shall be	roplaced at the landsca	na contractor's av	nonco at the		
	•	eason throughout the mainte	• •		pense, at the		
Planting Schedu	le						
Trees Number of Plants			Specification	Close Otania in 2007	Height Girth Density		
o - 5 - 5 <u>-</u>	ACE ELS AME BAL BET PEN	Amelanchier 'Ballerina'	Selected Standard: 4 brks: 2x: RB: Selected Standard: 4 brks: 2x: RB: Heavy Standard: 5 brks: 3x: RB: C	Clear Stem 175-200cm	n 300-350cm 10-12cm Counted 350-425cm 12-14cm Counted		
8 - 6 -	CAR BET CAR FON	Carpinus betulus Carpinus betulus 'Frans Fontaine'	Heavy Standard: 5 brks: 3x: RB: C Selected Standard: 4 brks: 2x: RB:	lear Stem 175-200cm Clear Stem 175-200cn	350-425cm 12-14cm Counted n 300-350cm 10-12cm Counted		
3 - 5 - 3 <u>-</u>	COR COL CRA SCA MAL RUD	Crataegus laevigata 'Paul's Scarlet'	Selected Standard: 4 brks: 2x: RB: Selected Standard: 4 brks: 2x: RB: Selected Standard: 4 brks: 2x: RB:	Clear Stem 175-200cm	n 300-350cm 10-12cm Counted		
3 - 4 - 3 -	POP BET PRU GOO	Populus nigra betulifolia	Heavy Standard: 5 brks: 3x: RB: C Selected Standard: 4 brks: 2x: RB:	lear Stem 175-200cm Clear Stem 175-200cn	350-425cm 12-14cm Counted n 300-350cm 10-12cm Counted		
3 - 1 - 13 -	PRU UMI PYR CHA QUE ROB	Pyrus calleryana 'Chanticleer' Quercus robur	Selected Standard: 4 brks: 2x: RB: Selected Standard: 4 brks: 2x: RB: Heavy Standard: 5 brks: 3x: RB: C	Clear Stem 175-200cm			
5 - 10 - Total :80 -		Sorbus aucuparia 'Streetwise'	Selected Standard: 4 brks: 2x: RB: Heavy Standard: 5 brks: 3x: RB: C	Clear Stem 175-200cm			
Shrubs Number of Plants	s Abbreviatior CAL GIR	Species Callicarpa bodinieri giraldii	Specification Bushy: 3 brks: C	¥	Density Area 3/m² 3.3593m²		
54 - 25 -	CAM DON CAR BLU	Camellia x williamsii 'Donation' Caryopteris x clandonensis 'Heavenl	Bushy: 4 brks: C y Blue' Branched: 4 brks: C	3L 30-40cm 3L	3/m ² 16.617m ² 3/m ² 7.7494m ²		
4 - 5 - 57 -	CHO PEA CIS PIN CIS FRA	Choisya 'Aztec Pearl' Cistus 'Silver Pink' Cistus x purpureus 'Alan Fradd'	Bushy: 5 brks: C Bushy: 4 brks: C Bushy: 4 brks: C	20-30cm 3L	3/m ² 1.0528m ² 3/m ² 1.5338m ² 3/m ² 18.3746m ²		
11 - 13 -	COR PUR COT PUR	Corylus maxima 'Purpurea' Cotinus coggygria 'Royal Purple'	Branched: 2 brks: C Branched: 3 brks: C	40-60cm 3L 30-40cm 3L	2/m ² 5.3423m ² 3/m ² 4.1291m ²		
43 - 27 - 27 -	EUO QUE	Daphne mezereum Euonymus fortunei 'Emerald Gaiety' Euonymus fortunei 'Silver Queen'	Branched: 3 brks: C Bushy: 7 brks: C Bushy: 5 brks: C	20-30cm 3L 20-30cm 3L	3/m²12.967m²3/m²8.3478m²4/m²6.5381m²		
18 - 31 -	FUC POP HEBGG	Fuchsia 'Mrs Popple' Hebe 'Green Globe'	Bushy: 5 brks: C Bushy: 7 brks: C	20-30cm 3L 15-20cm 3L	3/m ² 5.4945m ² 7/m ² 4.2765m ²		
20 - 52 - 14 -	HEB RAK HYD GRA LAV HID	Hebe rakaiensis Hydrangea paniculata 'Grandiflora' Lavandula angustifolia 'Hidcote'	Bushy: 5 brks: C Branched: 3 brks: C Bushy: 5 brks: C	30-40cm 2L	3/m ² 6.2101m ² 2/m ² 24.2986m ² 3/m ² 4.31m ²		
26 - 39 - 25 -	LAV PED PAC TER	Lavandula stoechas pedunculata Pachysandra terminalis	Bushy: 5 brks: C Several Shoots: 9 brks:	15-20cm 2L C 3L	4/m ² 6.3129m ² 4/m ² 9.3575m ²		
27 - 29 -	ROSFRN	Perovskia 'Blue Spire' Rosa 'Blanche Double de Coubert' Rosa 'Fritz Nobis'	Bushy: 3 brks: C Budded: Bush: Quality / Branched: 3 brks: C	A: C 40-60cm 4L 30-40cm 3L	3/m²7.946m²2/m²12.3169m²1/m²26.2688m²		
19 - 8 - 67 -	ROS UPR SAN CHA SAR DIG	Rosmarinus officinalis 'Miss Jessopp Santolina chamaecyparissus Sarcococca hookeriana digyna	's Upright' Bushy: 4 brks: C Bushy: 7 brks: C Bushy: 6 brks: C	20-30cm 3L	3/m ² 5.9654m ² 3/m ² 2.5183m ² 4/m ² 16.0486m ²		
26 - 89 -	SKI RUB SPI ARG	Skimmia japonica 'Rubella' Spiraea 'Arguta'	Bushy: 3 brks: C Branched: 5 brks: C	30-40cm 3L 40-60cm 3L	4/m ² 6.1312m ² 3/m ² 28.3265m ²		
22 - Total :789 -	VIB LAN	Viburnum plicatum 'Lanarth'	Branched: 3 brks: C	40-60cm 3L	1/m ² 19.3724m ² Total :271.1654m ²		
Herbaceous							
Number of Plants 10 - 19 -	ALC MOL	Species Alchemilla mollis Anemone x hybrida 'Queen Charlotte		<u>rea</u> .262m² .5363m²			
79 - 26 -	AQU HYB CAL NEP	Aquilegia McKana Hybrids Calamintha nepeta	Full Pot: C 3L 5/m² 1 Full Pot: C 3L 3/m² 8	5.17m² .2822m²			
53 - 22 - 17 -	DIG ALB ECH PUR ECH BLU	Digitalis purpurea 'Alba' Echinacea purpurea Echinops ritro 'Veitch's Blue'	Full Pot: C 3L 4/m ² 5	2.7804m ² .2845m ² .4289m ²			
40 - 14 -	FOE PUR GER ALB	Foeniculum vulgare 'Purpureum' Geranium macrorrhizum 'Album'	Full Pot: C 3L 4/m² 9 Full Pot: C 3L 4/m² 3	.5113m² .4011m²			
21 - 23 - 25 -	INU HOO KNI ATL PHL RUS	Inula hookeri Kniphofia 'Atlanta' Phlomis russeliana	Full Pot: C 3L 3/m ² 7	.526m ² .447m ² .9275m ²			
19 - Total :368 -	SAL TRI	Salvia officinalis 'Tricolor'	Full Pot: C 3L 4/m ² 4	.3328m ² otal :91.89m ²			
Formal Hedge							
Number Abbrevi 279 - EUO Hl	JG Euonym	us japonicus 'Jean Hugues' C	20-40cm 2L 5/m	55.3667m		REV DESCRIPTION	
149 - HEB ED 361 - PHO RO 231 - PRU LU	DG Hebe [*] R DB Photinia	ed Edge' Bushy: 7	: 3 brks: C 20-30cm 2L 5/m	48.8165m 71.7414m 75.7169m			certa
231 - PRULU 132 - PRULU		, , ,		75.7169m 26.2114m Total :277.8529m			Trees Ecology
Forns							45 463 4404 capetreesecology.com
Ferns Number Abbrevi 25 - DRY KI		Specifica is affinis 'Cristata The King' Full Pot: (tion Density Area C 2/m² 11.0454m²			<u> </u>	apetreesecology.com
42 - DRY W		is wallichiana Full Pot: (CASTLE GREEN HOMES	
						WREXHAM ROAD, ABER	MORDDU
Grasses							
Grasses Number Abbrevi 18 - MOL TF 6 - STI TEN	RA Molinia	caerulea arundinacea 'Transparent' Fi	Decification Density Area Ill Pot: C 3/m ² 5.9574m ² Ill Pot: C 1/m ² 5.7523m ²			PLANTING PLAN (SHEET SCALE: N.T.S.	2 OF 2) DRAWING No:

WFG20 Eco	Species	Rich Lawn Maintenance						DO NOT SCALE ALL COORDINATES RELAT LOCATED TO OS NG BY B EXTRACTED FROM © This drawing, including the design and technical information the property of Ascerta. The drawing may only be used for the for which it has been intended and may not be reproduced o prior permission.	BEST FIT TO DETAIL M OS DIGITAL DATA contained on it, is ne specific purpose
First Cut: Mid	d-Septerr	nber. Cutting height approxim cut 2 times a year mid-Augu	5		aintain a sward c	f approx	kimately		
	s shall be	e left in situ for 3 to 7 days to	allow seed d	Irop, then rem	oved to prevent	nutrient	build		
replace whe	ol by har ere nece nnually be	nting : nd to ensure planting area i ssary. Prune, thin and rer etween October and January	nove sucker	rs, seedlings,	dead, damage	d, or d	iseased		
Plant replac All dead. dvi		vandalised plant stock shall k	e replaced.	at the landsc	ape contractor's	expense	e. at the		
	0	season throughout the maint	•			experies.			
Planting Schedule	e								
Trees Number of Plants 5 -	ACE ELS	Acer campestre 'Elsrijk'					50cm 10-12cm Counted		
) - 5 - 3 - 5 -	AME BAL BET PEN CAR BET CAR FON	Amelanchier 'Ballerina' Betula pendula Carpinus betulus Carpinus betulus 'Frans Fontaine'	Heavy Standard Heavy Standard	d: 5 brks: 3x: RB: d: 5 brks: 3x: RB:	Clear Stem 175-200c Clear Stem 175-200c	n 350-4 n 350-4	S50cm10-12cmCounted25cm12-14cmCounted25cm12-14cmCounted50cm10-12cmCounted		
} - 5 - } -	COR COL CRA SCA MAL RUD POP BET	Corylus colurna Crataegus laevigata 'Paul's Scarlet Malus 'Rudolph' Populus nigra betulifolia	Selected Stand Selected Stand Selected Stand	ard: 4 brks: 2x: Rl ard: 4 brks: 2x: Rl ard: 4 brks: 2x: Rl	B: Clear Stem 175-20 B: Clear Stem 175-20	0cm 300-3 0cm 300-3 0cm 300-3	50cm 10-12cm Counted		
-	PRU GOO PRU UMI PYR CHA	Prunus 'Snow Goose' Prunus 'Umineko' Pyrus calleryana 'Chanticleer'	Selected Stand Selected Stand Selected Stand	ard: 4 brks: 2x: Rl ard: 4 brks: 2x: Rl ard: 4 brks: 2x: Rl	B: Clear Stem 175-20 B: Clear Stem 175-20 B: Clear Stem 175-20	0cm 300-3 0cm 300-3 0cm 300-3	50cm 10-12cm Counted 50cm 10-12cm Counted 50cm 10-12cm Counted		
3 - 5 - 0 - Total :80 -	QUE ROB SOR STR TIL GRE	Quercus robur Sorbus aucuparia 'Streetwise' Tilia cordata 'Greenspire'	Selected Stand	ard: 4 brks: 2x: RI	Clear Stem 175-200c B: Clear Stem 175-20 Clear Stem 175-200c	0cm 300-3	25cm 12-14cm Counted 50cm 10-12cm Counted 25cm 12-14cm Counted		
Shrubs Number of Plants	Abbreviatio	on Species	Spe	cification	Height Pot S	ize Densitv	/Area		
1 - 54 - 25 - 1 -	CAL GIR CAM DON CAR BLU CHO PEA	Callicarpa bodinieri giraldii	Busi Busi nly Blue' Brar	hy: 3 brks: C hy: 4 brks: C nched: 4 brks: C hy: 5 brks: C	3L 3L 30-40cm 3L 30-40cm 3L	3/m ² 3/m ² 3/m ² 3/m ²	3.3593m ² 16.617m ² 7.7494m ² 1.0528m ²		
5 - 57 - 1 -	CIS PIN CIS FRA COR PUR	Cistus 'Silver Pink' Cistus x purpureus 'Alan Fradd' Corylus maxima 'Purpurea'	Busi Busi Brar	hy: 4 brks: C hy: 4 brks: C nched: 2 brks: C	20-30cm 3L 3L 40-60cm 3L	3/m ² 3/m ² 2/m ²	1.5338m ² 18.3746m ² 5.3423m ²		
27 -	DAP MEZ EUO GAI EUO QUE		Brar 'Busl Busl	nched: 3 brks: C nched: 3 brks: C hy: 7 brks: C hy: 5 brks: C	30-40cm 3L 30-40cm 3L 20-30cm 3L 20-30cm 3L	3/m ² 3/m ² 3/m ² 4/m ²	4.1291m ² 12.967m ² 8.3478m ² 6.5381m ²		
8 - 31 - 20 - 52 -	FUC POP HEBGG HEB RAK HYD GRA	Fuchsia 'Mrs Popple' Hebe 'Green Globe' Hebe rakaiensis Hydrangea paniculata 'Grandiflora'	Bus Bus	hy: 5 brks: C hy: 7 brks: C hy: 5 brks: C nched: 3 brks: C	20-30cm 3L 15-20cm 3L 3L 30-40cm 2L	3/m ² 7/m ² 3/m ² 2/m ²	5.4945m ² 4.2765m ² 6.2101m ² 24.2986m ²		
4 - 26 - 39 - 25 -	LAV HID LAV PED PAC TER PER SPI	Lavandula angustifolia 'Hidcote' Lavandula stoechas pedunculata Pachysandra terminalis Perovskia 'Blue Spire'	Busi Busi Sev	hy: 5 brks: C hy: 5 brks: C eral Shoots: 9 brk hy: 3 brks: C	20-30cm 3L 15-20cm 2L	3/m ² 4/m ² 4/m ² 3/m ²	4.31m ² 6.3129m ² 9.3575m ² 7.946m ²		
27 - 29 - 9 -	ROS COU ROSFRN ROS UPR	Rosa 'Blanche Double de Coubert' Rosa 'Fritz Nobis' Rosmarinus officinalis 'Miss Jessop	Bud Brar p's Upright' Busl	ded: Bush: Quality nched: 3 brks: C hy: 4 brks: C	y A: C 40-60cm 4L 30-40cm 3L 30-40cm 3L	2/m ² 1/m ² 3/m ²	12.3169m ² 26.2688m ² 5.9654m ²		
3 - 57 - 26 - 39 -	SAN CHA SAR DIG SKI RUB SPI ARG	Santolina chamaecyparissus Sarcococca hookeriana digyna Skimmia japonica 'Rubella' Spiraea 'Arguta'	Bus Bus	hy: 7 brks: C hy: 6 brks: C hy: 3 brks: C nched: 5 brks: C	20-30cm 3L 20-30cm 3L 30-40cm 3L 40-60cm 3L	3/m ² 4/m ² 4/m ² 3/m ²	2.5183m ² 16.0486m ² 6.1312m ² 28.3265m ²		
22 - Fotal :789 -	VIB LAN	Viburnum plicatum 'Lanarth'		nched: 3 brks: C	40-60cm 3L	1/m ²	19.3724m ² Total :271.1654m ²		
lerbaceous lumber of Plants 0 - 9 -	Abbreviatio	on Species Alchemilla mollis Anemone x hybrida 'Queen Charlo	Full Pot: C		Area 3.262m ² 4.5363m ²				
79 - 26 - 53 -	AQU HYB CAL NEP DIG ALB	Aquilegia McKana Hybrids Calamintha nepeta Digitalis purpurea 'Alba'	Full Pot: C Full Pot: C Full Pot: C	3L 5/m² 3L 3/m² 3L 4/m²	15.17m ² 8.2822m ² 12.7804m ²				
22 - 17 - 40 - 14 -	ECH PUR ECH BLU FOE PUR GER ALB	Echinacea purpurea Echinops ritro 'Veitch's Blue' Foeniculum vulgare 'Purpureum' Geranium macrorrhizum 'Album'	Full Pot: C Full Pot: C	3L 3/m² 3L 4/m² 3L 4/m²	5.2845m ² 5.4289m ² 9.5113m ² 3.4011m ²				
	INU HOO KNI ATL PHL RUS SAL TRI	Inula hookeri Kniphofia 'Atlanta' Phlomis russeliana Salvia officinalis 'Tricolor'	Full Pot: C	3L 3/m ² 3L 4/m ²	6.526m ² 7.447m ² 5.9275m ² 4.3328m ²				
Fotal :368 -]				Total :91.89m ²				
Number Abbrevia 279 - EUO HU 49 - HEB EDO	G Euonyr G Hebe 'F	nus japonicus 'Jean Hugues' C Red Edge' Bushy: T	20-4 7 brks: C	40cm 2L 5/r 5-7.5L 3/r	n 48.8165m			REV DESCRIPTION	
B61 - PHO RO 231 - PRU LU 32 - PRU LUS	Y Prunus	laurocerasus 'Otto Luyken' Bushy:		30cm 2L 5/r 60cm 5-7.5L 3/r 60cm 3L 5/r	m 75.7169m	 m		ASCEL Landscape Trees Ecolo	
- erns Number Abbrevia	ation Specie	s Snecific	ation Density Ar	ea				t: 0845 463 4404 e: info@landscapetreesecology. www.landscapetreesecology.c	
25 - DRY KIN 42 - DRY WA	Dryopte	eris affinis 'Cristata The King' Full Pot eris wallichiana Full Pot	C 2/m² 11 C 2/m² 19	.0454m² .44m² otal :30.4854m²				CLIENT: CASTLE GREEN HOMES PROJECT:	
Grasses Number Abbrevia			Specification Der					WREXHAM ROAD, ABERMORDDU DRAWING TITLE: PLANTING PLAN (SHEET 2 OF 2)	
18 - MOL TRA 6 - STI TEN		caerulea arundinacea 'Transparent' l enuissima	Full Pot: C 3/m Full Pot: C 1/m		97m ²			SCALE: N.T.S. DRAWING No: DRAWN BY: CHKD BY: DATE: P.1542.21.04 SC CN 31/08/2022 P.1542.21.04	RE

	na Spanica Dich Lawn Maintenanas	DO NOT SCALE ALL COORDINATES RELATED TO LOCAL LOCATED TO OS NG BY BEST FIT TO DE EXTRACTED FROM OS DIGITAL I © This drawing, including the design and technical information contained on the property of Ascerta. The drawing may only be used for the specific pur for which it has been intended and may not be reproduced or copied without
First Cut: N	<u>co Species Rich Lawn Maintenance</u> /lid-September. Cutting height approximately 70mm. : shall be cut 2 times a year mid-August to early October to maintain a sward of approximately	prior permission.
70mm.	ngs shall be left in situ for 3 to 7 days to allow seed drop, then removed to prevent nutrient build	
up.	Shrub Planting	
Weed con replace w	Shrub Planting: trol by hand to ensure planting area is weed free. Check stakes and guards are in place and here necessary. Prune, thin and remove suckers, seedlings, dead, damaged, or diseased annually between October and January to avoid the bird nesting season. Replace dead / dying nter.	
•	acements:	
	lying and vandalised plant stock shall be replaced, at the landscape contractor's expense, at the h growing season throughout the maintenance period.	
Planting Sched		
Number of Plar 6 - 5 -	Its Abbreviation Specification Height Girth Density ACE ELS Acer campestre 'Elsrijk' Selected Standard: 4 brks: 2x: RB: Clear Stem min. 200cm 300-350cm 10-12cm Counted AME BAL Amelanchier 'Ballerina' Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm 300-350cm 10-12cm Counted	
5 - 8 - 6 -	BET PENBetula pendulaHeavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm350-425cm12-14cmCountedCAR BETCarpinus betulusHeavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm350-425cm12-14cmCountedCAR FONCarpinus betulus 'Frans Fontaine'Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm300-350cm10-12cmCounted	
3 - 5 - 3 -	COR COL Corylus colurna Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm 300-350cm 10-12cm Counted CRA SCA Crataegus laevigata 'Paul's Scarlet' Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm 300-350cm 10-12cm Counted MAL RUD Malus 'Rudolph' Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm 300-350cm 10-12cm Counted	
3 - 4 - 3 -	POP BET Populus nigra betulifolia Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm 350-425cm 12-14cm Counted PRU GOO Prunus 'Snow Goose' Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm 300-350cm 10-12cm Counted PRU UMI Prunus 'Umineko' Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm 300-350cm 10-12cm Counted	
3 - - 3 -	PYR CHAPyrus calleryana 'Chanticleer'Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm300-350cm10-12cmCountedQUE ROBQuercus roburHeavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm350-425cm12-14cmCounted	
5 - 10 - Total :80 -	SOR STR Sorbus aucuparia 'Streetwise' Selected Standard: 4 brks: 2x: RB: Clear Stem 175-200cm 300-350cm 10-12cm Counted TIL GRE Tilia cordata 'Greenspire' Heavy Standard: 5 brks: 3x: RB: Clear Stem 175-200cm 350-425cm 12-14cm Counted	
Shrubs		
11 - 54 -	AbbreviationSpeciesSpecificationHeightPot SizeDensityAreaCAL GIRCallicarpa bodinieri giraldiiBushy: 3 brks: C3L3/m²3.3593m²CAM DONCamellia x williamsii 'Donation'Bushy: 4 brks: C3L3/m²16.617m²	
25 - 4 - 5 -	CAR BLUCaryopteris x clandonensis 'Heavenly Blue'Branched: 4 brks: C30-40cm 3L3/m²7.7494m²CHO PEAChoisya 'Aztec Pearl'Bushy: 5 brks: C30-40cm 3L3/m²1.0528m²CIS PINCistus 'Silver Pink'Bushy: 4 brks: C20-30cm 3L3/m²1.5338m²	
57 - 11 - 13 -	CIS FRACistus x purpureus 'Alan Fradd'Bushy: 4 brks: C3L3/m²18.3746m²COR PURCorylus maxima 'Purpurea'Branched: 2 brks: C40-60cm 3L2/m²5.3423m²COT PURCotinus coggygria 'Royal Purple'Branched: 3 brks: C30-40cm 3L3/m²4.1291m²	
43 - 27 - 27 -	DAP MEZDaphne mezereumBranched: 3 brks: C30-40cm 3L3/m²12.967m²EUO GAIEuonymus fortunei 'Emerald Gaiety'Bushy: 7 brks: C20-30cm 3L3/m²8.3478m²EUO QUEEuonymus fortunei 'Silver Queen'Bushy: 5 brks: C20-30cm 3L4/m²6.5381m²	
18 - 31 -	FUC POP Fuchsia 'Mrs Popple' Bushy: 5 brks: C 20-30cm 3L 3/m² 5.4945m² HEBGG Hebe 'Green Globe' Bushy: 7 brks: C 15-20cm 3L 7/m² 4.2765m²	
20 - 52 - 14 -	HEB RAKHebe rakaiensisBushy: 5 brks: C3L3/m²6.2101m²HYD GRAHydrangea paniculata 'Grandiflora'Branched: 3 brks: C30-40cm 2L2/m²24.2986m²LAV HIDLavandula angustifolia 'Hidcote'Bushy: 5 brks: C20-30cm 3L3/m²4.31m²	
26 - 39 - 25 -	LAV PEDLavandula stoechas pedunculataBushy: 5 brks: C15-20cm2L4/m²6.3129m²PAC TERPachysandra terminalisSeveral Shoots: 9 brks: C3L4/m²9.3575m²PER SPIPerovskia 'Blue Spire'Bushy: 3 brks: C30-40cm3L3/m²7.946m²	
27 - 29 - 19 -	ROS COURosa 'Blanche Double de Coubert'Budded: Bush: Quality A: C40-60cm4L2/m²12.3169m²ROSFRNRosa 'Fritz Nobis'Branched: 3 brks: C30-40cm3L1/m²26.2688m²ROS UPRRosmarinus officinalis 'Miss Jessopp's Upright'Bushy: 4 brks: C30-40cm3L3/m²5.9654m²	
3 - 67 - 26 -	SAN CHASantolina chamaecyparissusBushy: 7 brks: C20-30cm 3L3/m²2.5183m²SAR DIGSarcococca hookeriana digynaBushy: 6 brks: C20-30cm 3L4/m²16.0486m²SKI RUBSkimmia japonica 'Rubella'Bushy: 3 brks: C30-40cm 3L4/m²6.1312m²	
89 - 22 - Total :789 -	SPI ARG Spiraea 'Arguta' Branched: 5 brks: C 40-60cm 3L 3/m² 28.3265m² VIB LAN Viburnum plicatum 'Lanarth' Branched: 3 brks: C 40-60cm 3L 1/m² 19.3724m² Total :271.1654m²	
Herbaceous		
	AbbreviationSpeciesSpecificationPot SizeDensityAreaALC MOLAlchemilla mollisFull Pot: C3L3/m²3.262m²ANE CHAAnemone x hybrida 'Queen Charlotte'Full Pot: C3L4/m²4.5363m²	
79 - 26 - 53 -	AQU HYB Aquilegia McKana Hybrids Full Pot: C 3L 5/m² 15.17m² CAL NEP Calamintha nepeta Full Pot: C 3L 3/m² 8.2822m² DIG ALB Digitalis purpurea 'Alba' Full Pot: C 3L 4/m² 12.7804m²	
53 - 22 - 17 - 40 -	DIG ALB Digitalis purpurea Alba Full Pot. C SL 4/m² 12.7604m² ECH PUR Echinacea purpurea Full Pot: C 3L 4/m² 5.2845m² ECH BLU Echinops ritro 'Veitch's Blue' Full Pot: C 3L 3/m² 5.4289m² FOE PUR Foeniculum vulgare 'Purpureum' Full Pot: C 3L 4/m² 9.5113m²	
40 - 14 - 21 - 23 -	GER ALB Geranium macrorrhizum 'Album' Full Pot: C 3L 4/m² 3.4011m² INU HOO Inula hookeri Full Pot: C 3L 3/m² 6.526m²	
25 - 19 -	PHL RUSPhlomis russelianaFull Pot: C3L4/m²5.9275m²SAL TRISalvia officinalis 'Tricolor'Full Pot: C3L4/m²4.3328m²	
Total :368 -	Total :91.89m ²	
279 - EUO ł		REV DESCRIPTION DA
149 - HEB E 361 - PHO F 231 - PRU L	DG Hebe 'Red Edge' Bushy: 7 brks: C 5-7.5L 3/m 48.8165m ROB Photinia x fraseri 'Red Robin' Branched: 3 brks: C 20-30cm 2L 5/m 71.7414m	Ascerta
132 - PRU L		Landscape Trees Ecology
Ferns	viation Species	t: 0845 463 4404 e: info@landscapetreesecology.com www.landscapetreesecology.com
Number Abbre 25 - DRY k	viation Species Specification Density Area (IN Dryopteris affinis 'Cristata The King' Full Pot: C 2/m² 11.0454m²	CLIENT:
42 - DRY V	VAL Dryopteris wallichiana Full Pot: C 2/m ² 19.44m ²	CASTLE GREEN HOMES
		PROJECT: WREXHAM ROAD, ABERMORDDU
42 - DRY V Grasses	VAL Dryopteris wallichiana Full Pot: C 2/m² 19.44m² Total :30.4854m² viation Species Specification Density Area	PROJECT:

Grasses					
Number	Abbreviation	Species	Specification	Density	Area
18 -	MOL TRA	Molinia caerulea arundinacea 'Transparent'	Full Pot: C	3/m²	5.9574m²
6 -	STI TEN	Stipa tenuissima	Full Pot: C	1/m²	5.7523m²
					Total :11.7097m ²