Planting	Sche	edule								
Trees		A I. I	4	0					0:4	11-1-1-1-1
Number 16 -		Abbrevia Ac		Acer campestre		Specification Heavy Standard :Clea			12-14cm	Height 3.5-4.0m
5 - 2 -		ACE EL: ACECOI		Acer campestre 'Elsrijk' Acer platanoides 'Colun		Extra Heavy Standard Extra Heavy Standard				4.0-4.5m 4.0-4.5m
4 -		Agl		Alnus glutinosa		Heavy Standard :Clea	r Stem min. 200	:RB	12-14cm	3.5-4.0m
3 - 14 -		BĒTEDII Cav		Betula utilis 'Edinburgh' Corylus avellana		Extra Heavy Standard Heavy Standard :Clea				4.0-4.5m 3.5-4.0m
6 - 9 -		Cmo FAGSY		Crataegus monogyna Fagus sylvatica		Heavy Standard :Clea Heavy Standard :Clea				3.5-4.0m 3.5-4.0m
3 -	1	Lt		Liriodendron tulipifera		Heavy Standard :Clea	r Stem min. 200	:RB	12-14cm	3.5-4.0m
3 - 7 -		LIQST MALSY		Liquidambar styraciflua Malus sylvestris		Advanced Nursery Sto Heavy Standard :Clea				4.0-4.5m 3.5-4.0m
6 - 7 -		Pav Qr		Prunus avium Quercus robur		Heavy Standard :Clea Heavy Standard :Clea				3.5-4.0m 3.5-4.0m
1 -	:	Sa		Salix alba		Heavy Standard :Clea	r Stem min. 200	:RB	12-14cm	3.5-4.0m
6 -				Tilia cordata		Heavy Standard :Clea Heavy Standard :Clea	<u>r Stem min. 200</u> r Stem min. 200	:RB :RB		3.5-4.0m 3.5-4.0m
1 - Total :1(ULMNE	N	Ulmus 'New Horizon'		Extra Heavy Standard	:Clear Stem min	n. 200 :RB	14-16cm	4.0-4.5m
Shrubs	55-									
Number							eight Pot Siz	e Density		
130 - 21 -	COF			nus stolonifera e rakaiensis		Branched :6/7 brks 60 Bushy :5/6 brks 30	0-80cm 5L 0-40cm 5L	3/m ² 3/m ²		
16 -	MaA		Mah	onia aquifolium 'Apollo'	u al l	Bushy :3/4 brks 30	0-40cm 5L	3/m²		
15 - 42 -	PRU	ILAOL		rmium tenax 'Gold Swor nus laurocerasus 'Otto L			0-100cm 10L 0-80cm 5L	Counted 3/m ²		
Prunus I	lusita	nica hed	ge							
Number 193 -	·	Abbrevia PRULUN	ation	Species Prunus lusitanica 'Myrtif	Sp Splia' Bu	pecification	t level at 0.5m h	Height	Pot Size	Density 4/m
Total :19		TROLON	/i i							+/111
RED RC										
Number 30 -		bbreviat fRR	ion S P	pecies hotinia fraseri 'Red Rob		cification hv :4/6 brks :Clipped l	evel at 0.5m hig	Height Po h 60-80cm 5L	ot Size De 3/I	
Total :30										
Medium			tions I	Onesias		Onesification	aistht Dat Cine	Density 0/	٦	
Number 29 -		Abbrevia BRASU		Species Brachyglottis 'Sunshine'	'	Specification He Bushy :2/4 brks 30		Density % 3/m ² 15%		
37 - 37 -		ESCRE EfSQ		Escallonia 'Red Elf' Euonymus fortunei 'Silvo	er Que	Bushy :5/6 brks 30 en' Bushy :4/5 brks 30		3/m ² 20% 3/m ² 20%		
37 -		HEBNB		Hebe 'Nicola's Blush'		Bushy :4/5 brks 30	0-40cm 5L	3/m ² 20%		
46 - Total :18		LaH		Lavandula angustifolia '	Hidcote	e' Bushy :3/4 brks 30	0-40cm 5L	3/m² 25%		
Large M	lix 1									
Number 5 -	A	bbreviat eGE		pecies Iaeagnus ebbingei 'Gilt				Density % 3/m² 25%		
5 -	P	HOFRB	P	hotinia fraseri 'Birmingh	iam' I	Bushy :6/7 brks :C 40-	-60cm 5L 3	3/m² 25%		
5 - 5 -		ITTE IBPRIA		ittosporum tenuifolium iburnum tinus 'Eve Price		Bushy :6/7 brks :C 40- Bushy :6/7 brks :C 60-		3/m ² 25% 3/m ² 25%		
Total :20					I	,				
Large M		<u> </u>	t io 10	Onesias		Onesification	laisht Dat Circ		-	
Number 178 -	(Abbrevia CHOTE		Choisya ternata		Bushy :3/4 brks 4	0-60cm 5-7.5L	e Density % 3/m ² 20%	6	
178 - 178 -		CORSA		Cornus sanguinea 'Midv Cornus stolonifera 'Kels	winter F	Fire' Bushy :3/4 brks 6 d' Bushy :3/4 brks 6		3/m ² 20% 3/m ² 20%		
178 -	(Ob		Osmanthus burkwoodii		Bushy :5/6 brks 4	0-60cm 5L	3/m ² 20%	6	
178 - Total :89		PfRR		Photinia fraseri 'Red Ro	nid	Bushy :3/4 brks 4	0-00cm 5-7.5L	3/m² 20%	0	
Native H	ledge									
Number 296 -		Abbrev Cav	iatior		Specifi BR ·Dc	cation H ouble staggered row 6	leight Density	% 10%		
1471 -		Cmo		Crataegus monogyna	BR :Do	ouble staggered row 6	0-80cm 5/m	50%		
296 - 149 -		ILEAQ LIGVU				ble staggered row 6 buble staggered stagered row 6 buble staggered stagered stagered stagered stagered stagered stagered stagered st	0-80cm 5/m 0-80cm 5/m	10% 5%		
296 - 296 -		PRUSF ROSCA				ouble staggered row 6 ouble staggered row 3		10% 10%		
149 -		VIBOP				ouble staggered row 6		5%		
Total :29										
Native S Number			iatior	Species	ecificati	ion Hei	ight Density			
299 -		CORSA		Cornus sanguinea BR	:Branc	hed :2/3 brks :1+1 60-	-80cm 3/m ²			
226 - 299 -		Cav LIGVU		Ligustrum vulgare BR		hed :2/3 brks :1+1 60- hed :2/3 brks :1+1 60-				
226 - 226 -		PRUSF ROSCA		Prunus spinosa BR		hed :2/3 brks :1+1 60- hed :2/3 brks :1+1 60-				
226 -	500	VIBOP				hed :2/3 brks :1+1 60-				
Total :15			ı							
Native V Number				Species	Specifi	cation	Height Dei	nsity		
100 -		Ac		Acer campestre	Transp	lant :1+1 :BR	60-80cm 1.5	Ctr		
90 - 90 -		Agl BETPE		Betula pendula	Transp	lant :1+1 :BR lant :1+1 :BR	60-80cm 1.5 60-80cm 1.5	Ctr		
10 - 10 -		BETPE CARBE				r :2+2 :BR r :2+2 :BR	175-200cm 1.5 175-200cm 1.5			
50 -		CORSA		Cornus sanguinea	Transp	lant :1+1 :BR	60-80cm 1.5	Ctr		
50 - 100 -		Cav Cmo				lant :1+1 :BR lant :1+1 :BR	60-80cm 1.5 60-80cm 1.5			
90 - 90 -		ILXAQ Pav		Ilex aquifolium	Leader	·With Laterals :1+1 :C lant :1+1 :BR		Ctr		
10 -		Pav		Prunus avium	Feathe	r :2+2 :BR	125-150cm 1.5	Ctr		
100 - 90 -		PRUSF Qr)			lant:1+1 :BR lant:1+1 :BR	60-80cm 1.5			
10 -		Qr		Quercus robur	Feathe	r:2+2 :BR	175-200cm 1.5	Ctr		

Total :1000 -								
Attenuation Base Mix								
Number	Abbreviation	Species	Specification	Pot Size	e Density			
195 -	CARPE	Carex pendula	Clump	1L	10/m²			
519 -	CARRI	Carex riparia	Clump	1L	10/m²			
195 -	ERIAN	Eriophorum angustifoliur	n Clump	1L	10/m ²			
389 -	LYTSA	Lythrum salicaria	Plug: Well Rooted	0.5L	10/m ²			

Rosa canina

Sorbus aucuparia

Transplant:1+1

Feather :2+2 :BR

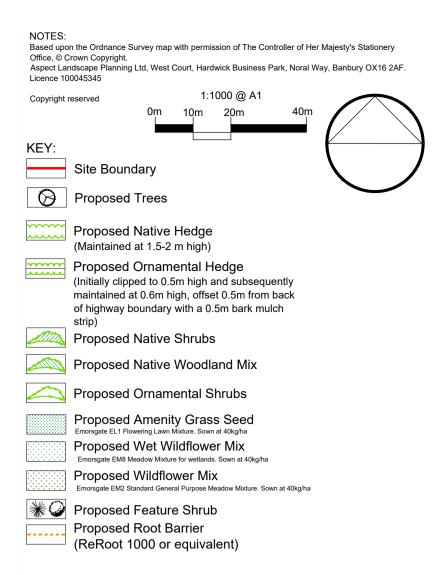
Total :1298 -

Amenity Grass Mix]			
Emorsgate EL1 Flowering Lawn Mixture or similar. Sown at				
40kg/ha				
Wetgrass Mix	7			
Emorsgate EM8 Meadow Mi	xture for wetlands or similar.			
Sown at 40kg/ha				
Wildflower Grass Mix				
Empropete EM2 Standard C	oneral Durness Meedow			

Emorsgate EM2 Standard General Purpose Meadow Mixture or similar. Sown at 40kg/ha

NB: Species within planting mixes to be planted in groups or 3, 5, and 7's in random positions ensuring that contrasting blocks are provided.





PLANTING NOTES

All plants to be supplied in accordance with the HTA 'National Plant Specification' and from a HTA certified nursery. All plants and trees to be planted in accordance with BS3936 and BS8545. Delivery and handling of all plant material to be in accordance with BS4428/JCLI/CPSE Code of Practice for 'Handling and Establishing Landscape Plants' Parts I, II and III and BS8545. Planting Pit and Trench Preparation

Tree pits in soft landscape to be excavated to 1mx1mx1m depth prior to topsoiling and all shrub planting areas excavated to 450mm depth. All proposed hedge planting trenches to be excavated to 600mm depth.Unless otherwise specified, all tree pits in hard landscape to be 2mx2mx1m, backfilled with compacted Urban Tree Soil.

The preparation of planting pits, bed or trenches shall comply with the appropriate British Standards, namely BS4043, BS4428, BS5837 and BS8545. Excavation of planting pits, beds or trenches shall not take place when the ground is frozen or waterlogged such that damage may occur to the structure of the soil. All excavated areas to be backfilled with either site won topsoil or imported topsoil to be BS3882-General purpose grade. All topsoiled areas to be clear of rocks and rubble larger than 50mm diameter and any other debris that may interfere with the establishment of plants. The Contractor shall break up and cultivate at the base of the trenches or planting pits. The sides of the trenches or planting pits shall be loosened with a fork or other similar implement. All stones and the like over 75mm in any dimension, deleterious matter, weeds and weed roots brought to the surface by any cultivation or excavation shall be removed off site. The Contractor shall remove off site the excavated subsoil/fill material when preparing planting pits. The imported topsoil should make up any deficiencies caused by the removal of the subsoil/fill material. Trenches and pits shall have the topsoil and any subsoil/fill material thoroughly broken up and mixed prior to backfilling.

All trees shall be supplied root balled, unless otherwise stated. Root balled trees shall be well grown, healthy and with a compact, contained rootball. They shall be nursery grown and have been regularly watered. Prior to planting, all plant material shall be stored and sorted at in accordance with best practice. Planting All plants shall be planted in a random fashion avoiding formal regimented lines at densities indicated in

the schedule, unless otherwise specified. Unless otherwise specified, all hedgerows shall be planted in single rows and hedgerow mixes shall be planted in groups of 7, 9 & 13s at densities indicated on the schedule. Ornamental shrub planting mixes shall be planted in groups of 5, 7 & 11s and native shrub planting mixes shall be planted in groups of 9, 13 & 15s, with a cane and protective spiral guard included to all native planting. The selection, procurement, handling, storage and planting operations of all proposed trees shall be in accordance with BS8545:2014 - Trees: from nursery to independence in the landscape, recommendations. Planting and associated operations shall comply with BS4043, BS4428, BS5837 and BS8545. Unless

not frozen or water logged. If planting is required outside this period agreement shall be sought and all bare root plants shall be substituted with container grown stock. Provide Bamboo cane support and 'Treebio Biodegradeable Spiral Guards' (Green-tech Product code: 160PS1031-PRO) or similar to all native shrubs and hedgerows, young sapling trees, whips and feather planting, ensuring that the main or terminal bud is protruding out above the top of the spirals.

Watering All plants shall be watered in to field capacity immediately after planting and mulched with 50mm depth of medium grade crushed mulch. The Contractor shall water the trees, shrubs and hedges once planted so that the entire tree pit or planted area is moistened to field capacity, i.e. "the amount of water retained by previously saturated soil once full drainage has ceased". Watering to field capacity shall continue frequently and on a regular basis as considered necessary by the landscape contractor and as necessary to ensure the successful establishment and continued thriving of all planting. Additional watering shall be undertaken during summer months and/or periods of drought. Post planting management and maintenance specifically for new tree planting shall include ongoing irrigation and formative pruning as outlined in BS8545. The period over which regular irrigation required for transplanted trees is likely to be at least two full growing seasons to ensure successful establishment. As the root system develops the frequency of irrigation can be reduced. Staking

All trees within soft landscape areas to be double staked with cross bar and tied, using 1.5m long, 75mm diameter rounded tree stakes 75mm brace, rubber tie and spacer block. Stakes not to extend more than 650mm above ground level. All trees within hardstanding/highways visibility splays to be clear stem to 1.5m high unless otherwise specified. Trees within hardstanding / specific pits to be underground guyed unless otherwise specifed. **Root Barriers**

Root barriers (ReRoot 1000 or equivalent) to be included adjacent to buildings and services where necessary. Landscape contractor shall check all planting operations comply with appropriate standards and that in the absence of detailed surveys, any necessary underground investigations are undertaken to ensure there are no conflicts with existing or proposed utilities, services or foundations. PROTECTION OF EXISTING VEGETATION TO BE RETAINED Existing trees to be retained shall be protected in accordance with BS5837, from commencement to completion of all works on site.

N.B. All planting proposals including tree planting have been developed in order to create a high quality environment and gain planning consent for the development. All tree species have been reviewed in line with NHBC guidance (2017) and in the absence of any building foundation depths or detailed soil analysis information for the site. Where possible only low and moderate water demand species are proposed in close proximity to new buildings. A number of varied cultivars of these species as well as ornamental species that have a smaller overall mature height (which are not currently assessed within NHBC guidance 2017) are proposed to provide variety in the scheme and engineer's should consider these locations & species. Where necessary new building foundation depths shall be designed to accommodate the approved tree species, site specific soil shrinkage and tree water demand in line with NHBC standards 2017 (Chapter 4.2 - Building Near Trees). Planting plans have been prepared for planning purposes and in the absence of fully detailed ground investigations, geological or hydrological surveys and planting design or species choice may be subject to change - suitability should be confirmed on site by the landscape contractor. Detailed site specific soil analysis and suitable site drainage should be checked by landscape contractor to ensure planting can be implemented in accordance with approved drawings prior to implementation.



aspect landscape planning

TITLE

Integra 61, Bowburn - Parcel DC5 Planting Plan Overview CLIENT

Integra 61(Durham) Ltd

scale 1:1000@A1	date APR 2022	DRAWN CW	снк [.] D CW
DRAWING NUMBER		REVISION	
5725.DC5_CO	N_PP.1.0	А	