

THREE SHIRES LTD ECOLOGY, FENCING, ARBORICULTURE, INVASIVE WEEDS

Piper Hole Farm Eastwell Road Scalford Leicestershire LE14 4SS





Biodiversity Net Gain Assessment

August 2023

Wattisham Barracks

ISG Ltd



www.threeshires.com

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Three Shires Ltd

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Contents

1.	Introduction	6				
2.	Biodiversity Net Gain Calculations	8				
3.	Results	10				
4.	Summary	22				
Apper	Appendix A: Proposed Site Landscape Plan					
Apper	ndix B: Site Baseline Habitats	24				
Apper	ndix C: Proposed Site Habitats Post Development	25				
Apper	ndix D: Biodiversity Metric – Baseline Headline Results	26				
Apper	Appendix E: Condition Assessment Sheets					



Co	ondition Sheet: GRASSLAND Habita	at Type (low distinctiveness)											
U	K Habitat Classification (UKHab) Ha	abitat Type(s)											
Ha	abitat Description												
	when LIK Hebitet Classification												
UK	Thab - OK Habitat Classification	Wattisham Airfield			On Site								
			On-site o	or off-site									
Si	ite name and location		Survey r	eference	BNG								
			(if relatin	g to a									
			wider su	rvey)									
			Habitat p	arcel refer	ence								
			1	2	3	4			1	1		1	-
Li	mitations (if applicable)												
			Grid refe	rence	1		1			<u> </u>			-
			тм	тм	тм	тм			1	1			-
			03308 51571	03290 51546	03324 51538	03362 51579							
Co	ondition Assessment Criteria			01010	01000	0.070							Notes (such
			Criterion	passed (Y	'es or No)								as
				bu.	IN.	N					1	1	justification)
	There are 6-8 vascular plant species	s per m ² present, including at least 2 forbs (this may include	NO	NO	NO	NO							Areas were dominated
	those listed in Footnote 1). Note - th	his criterion is essential for achieving Moderate or Good											with grass
													(Perennial Rve-grass)
А	Where the vascular plant species pr	resent are characteristic of medium, high or very high r_{2}^{0}											with dominate
	(excluding those listed in Footnote 1), please review the full UKHab description to assess											species of Ribwort
	whether the grassland should instea	d be classified as a higher distinctiveness grassland.											plantain,
	relevant condition sheet.	edidin, high, of very high distinctiveness, please use the											buttercup,
			No	No	No	No							Areas were
	Sward height is varied (at least 20%	of the sward is less than 7 cm and at least 20% is more											regularly
P	to live and breed.	mich provide opportunities for vertebrates and invertebrates											mowed
_	0		Voc	Voc	Voc	Voc							
	Some scattered scrub (including bra accounts for less than 20% of total of	amble Rubus fruticosus agg.) may be present, but scrub prassland area.	res	res	res	Tes							
С		,											
	Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.												
	Rhuniaal damaga is ovident in loss th	han 5% of total granaland area. Examples of physical	Yes		Yes	Yes							
D	damage include excessive poaching	, damage from machinery use or storage, erosion caused		Yes									
	by high levels of access, or any othe	er damaging management activities.											
	Cover of bare ground is between 1%	and 10% including localised areas (for example, a	Yes	Yes	Yes	Yes							
Е	concentration of rabbit warrens) ² .	and 10%, including localised areas (for example, a											
-			Yes	Yes	Yes	Yes							No bracken
F	Cover of bracken Pteridium aquilinu	<i>m</i> is less than 20%.											present
			Yes	Yes	Yes	Yes							No none
G	There is an absence of invasive non	-native plant species ³ (as listed on Schedule 9 of WCA ⁴).											present
-		Frankiel siteries achieved (Van an Na)	No	No	No	No							
		Essential criterion achieved (res of No)	4	4	4	4							
C.	ondition Assessment Result (out			1.	-								
of	7 criteria)	Condition Assessment Score	Score Ac	hieved ×/									
Pa	asses 6 or 7 criteria including	Good (3)											
pa	assing essential criterion A												-
Pa	asses 4 or 5 criteria including	Moderate (2)											
pa	assing essential criterion A												_
Pa	asses 3 or fewer criteria;		\checkmark	~	~	~							
Pa	asses 4 - 6 criteria (excluding	Poor (1)											
cri	iterion A)												
Sι	uggested enhancement intervention	ns to improve condition score											
Fo	potnotes	anionae appart thiatle Circling independent and deal D	orionum I.	and long '	dook Di	ov of the "	oliuo	more	the Lintin	dioise	roop! '	uttor	Bonungulur
re	pens, greater plantain Plantago majo	r, white clover Trifolium repens and cow parsley Anthriscus	sylvestris .	uau-ieavêd	JUCK KUM	ex obtasti	unus , com	mon net	ue unica	uiuica, C	reehing p	outer cup i	variuricullus
	notinata 2 Ear oversels this set U.S.		obment - '		o or least	and note!	00.wh	oot come	ding 100	(
FC	bothote 2 - For example, this could in	iciude small, scattered areas of bare ground allowing establi	soment of	new specie	es, or locali	sea patch	es where i	NOT EXCEE	aing 10%	o cover.			
Fo	ootnote 3 – Assess this for each distin	nct habitat parcel. If the distribution of invasive non-native sp	ecies varie	s across th	e habitat, s	split into p	arcels acc	ordingly,	applying	a buffer z	one arou	nd the inv	asive non-
na	auve species with a size relative to its	nsk or spread into adjacent nabitat, using professional judge	ment.										
Fo	ootnote 4 – Wildlife and Countryside	Act 1981 (as amended).											
L													



KENDF	REW BARRACKS F	PLANTING SCHEDUL	E	D-1	00/00/00			
Client:	Arcadis			Date:	08/08/22	2		
Project:	Kendrew Barracks Planting Scl	hedule		Created by:	Conrad (Clayden - London office		
Location:	Cottesmore	17.2 T					HIM	1
Schedule nar	me: 12-1334-01 - Kendrew Barra	acks					Arok	+.
Drawing ref.:	KENDREW BARRACKS PLAN	TING SCHEDULE				V LL	AICI	ILCE
Revision:	Z9A8416Y20-HLM-XX-XX-SP-L	-000001						
Trees								
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	
Tree	Fagus sylvatica	Common Beech	14-16	400-450	RB	3x; EHS; clear stem 175-200cm; 5 brks		Cour
Tree	Populus nigra 'Italica'	Lombardy Poplar	14-16	425-600	RB	3x; EHS; clear stem 100-150cm; 5 brks	The set of	Cour
Tree	Prunus avium	Wild Cherry	12-14	350-425	RB	3x; HS; clear stem 175-200cm; 5 brks		Cour
Hedging								
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per
Tree	Carpinus betulus	Common Hornbeam		80-100	5L	1+1; Transplant - seed raised; branched; 5 brks		5
Amenity	Planting Mix							
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per
Shrub	Choisya 'Aztec Pearl'	Mexican Orange Blossom 'Aztec Pearl'		30-40	3L	Bushy; 5 brks	25.00	4
Shrub	Sarcococca confusa	a Sweet Box		20-30	2L	Bushy; 4 brks	10.00	4
Shrub	Skimmia japonica 'Rubella'	Japanese Skimmia 'Rubella'	that the lot the state and the movies and the stat has been been and the state in	30-40	3L	Bushy; 3 brks	25.00	4
Shrub	Spiraea nipponica 'Snowmound'	Japanese Spirea 'Snowmound'		40-60	3L	Branched; 5 brks	10.00	4
Shrub	Viburnum davidii	David Viburnum		20-30	3L	Bushy; 3 brks	20.00	4
Shrub	Viburnum opulus 'Compactum'	Guelder Rose 'Compactum'		30-40	3L	Bushy; 4 brks	10.00	4
Building I	Perimeter Planting Mix							
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per
Shrub	Hebe 'Great Orme'	Shrubby Veronica 'Great Orme'		30-40	3L	Bushy; 3 brks	10.00	4
Shrub	Lavandula stoechas pedunculata	French Lavender	(10) 10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	15-20	2L	Bushy; 5 brks	20.00	4
Shrub	Perovskia 'Blue Spire'	Russian Sage 'Blue Spire'		30-40	3L	Bushy; 3 brks	20.00	4
Shrub	Santolina virens	Green Cotton Lavander		20-30	2L	Bushy; 5 brks	10.00	4
Shrub	Sarcococca confusa	a Sweet Box	that has no me one one owned not not not not not has been not have been had been been been been been been been	20-30	2L	Bushy; 4 brks	10.00	4
Shrub	Skimmia japonica 'Rubella'	Japanese Skimmia 'Rubella'		30-40	3L	Bushy; 3 brks	10.00	4
Shrub	Viburnum davidii	David Viburnum		20-30	3L	Bushy; 3 brks	20.00	4
Meadow	Seed Mixture for Swales	5	Area: 228.000m ²	Sow Rate:	4g/m² Amo	unt: 912g Cost: (please input) /g		
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	
Wildflower	Achillea millefolium	Yarrow			12	Seed; British native-origin	0.50	
Grass	Agrostis capillaris	Common Bent	- 1.1 1.1. See the star the same of the set of the set of the last the set of the set of the set of the set	************		Seed: commercial-origin	12.00	1

Meadow Foxtail

Betony

Sweet Vernal Grass

Grass

Grass

Wildflower

Alopecurus pratensis

Betonica officinalis

Anthoxanthum odoratum

5.00

1.00

0.50

Seed; British native-origin

Seed; British native-origin

Seed; British native-origin



Wildflower	Centaurea nigra	Common Knapweed	Ĭ	Ĩ		Seed; British native-origin	1.00
Grass	Cynosurus cristatus	Crested Dog's-tail	na man man man man man ann ann ann ann a	a na na mana na mana na ma na ma na ma na ma na ma	10 ME 10 MM 100 MM 101 MM 101 MM 101 MM 101 MM 101 MM 101	Seed; commercial-origin	36.00
Grass	Deschampsia cespitosa	Tufted Hair Grass			ar an	Seed; British native-origin	1.00
Grass	Festuca rubra juncea	Slender Creeping Red Fescue				Seed; commercial-origin	25.00
Wildflower	Filipendula vulgaris	Dropwort				Seed; British native-origin	1.00
Wildflower	Galium verum	Lady's Bedstraw				Seed; British native-origin	1.60
Wildflower	Leucanthemum vulgare	Ox-eye Daisy				Seed; British native-origin	1.50
Wildflower	Lotus pedunculatus	Greater Bird's-foot Trefoil	de bale sale hair hair hair ann an ann ann ann ann ann ann ann ann	e d'e sant suit sambai siné dan dan dan sant sait sait sait sait sait sa		Seed; British native-origin	0.30
Wildflower	Plantago lanceolata	Ribwort Plantain	n nin om om nin nin og			Seed; British native-origin	1.00
Wildflower	Primula veris	Cowslip				Seed; British native-origin	1.00
Wildflower	Prunella vulgaris	Selfheal	an kan kan kan kan kan kan kan kan kan k			Seed; British native-origin	2.00
Wildflower	Ranunculus acris	Meadow Buttercup				Seed; British native-origin	3.00
Wildflower	Rhinanthus minor	Yellow Rattle		a de ante ante comba dos dos dos los sos os comos dos com os		Seed; British native-origin	1.60
Wildflower	Rumex acetosa	Common Sorrel	te des des des des des seus des sets des consenten des des des des des des tels des des des des des des des de			Seed; British native-origin	1.20
Wildflower	Silaum silaus	Pepper Saxifrage				Seed; British native-origin	1.50
Wildflower	Silene flos-cuculi	Ragged Robin	1 10 10 10 10 10 10 10 10 10 10 10 10 10			Seed; British native-origin	0.30
Wildflower	Succisa pratensis	Devil's Bit Scabious				Seed; British native-origin	0.20
Wildflower	Vicia cracca	Tufted Vetch				Seed; British native-origin	1.80
General	purpose turf seed mix		Area: 1945.000m	² Sow Rate	: 50g/m² An	nount: 97250g Cost: (please input) /g	
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %
Grass	Agrostis castellana	Highland Bent				Seed; commercial-origin	10.00
Grass	Festuca rubra juncea	Slender Creeping Red Fescue				Seed; commercial-origin	50.00
Grass	Lolium perenne	Perennial Rye Grass				Seed; commercial-origin	20.00
Grass	Poa pratensis	Smooth-stalked Meadow Grass				Seed; commercial-origin	20.00
Standard	I General Purpose Mead	low Seed Mix	Area: 662.000m ²	Sow Rate:	4g/m² Amo	unt: 2648g Cost: (please input) /g	
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %
Wildflower	Achillea millefolium	Yarrow				Seed; British native-origin	0.50
Grass	Agrostis capillaris	Common Bent				Seed; commercial-origin	8.00
Wildflower	Centaurea nigra	Common Knapweed	n nin om om en en av er het hat hat het some hat het het het het het het het het het he		of the last last last last last last last last	Seed; British native-origin	0.50
Grass	Cynosurus cristatus	Crested Dog's-tail				Seed; commercial-origin	40.00
Wildflower	Daucus carota	Wild Carrot	na kata dan dan dan dan dan dan dan nak nak naka dakanan dan dan dan dan dan dan dan dan dan		an dan jua daga daga daga daga daga daga daga da	Seed; British native-origin	1.00
Grass	Festuca rubra juncea	Slender Creeping Red Fescue			1. 10 A 10	O	en alle alle alle alle allevie site allevie site de la seu alle alle site des alle alle alle alle
Wildflower		cientaer ereeping rear ecede				Seed; commercial-origin	28.00
Wildflower	Galium verum	Lady's Bedstraw				Seed; commercial-origin Seed; British native-origin	28.00 2.50
	Galium verum Knautia arvensis	Lady's Bedstraw Field Scabious				Seed; commercial-origin Seed; British native-origin Seed; British native-origin	28.00 2.50 1.00
Wildflower	Galium verum Knautia arvensis Leucanthemum vulgare	Lady's Bedstraw Field Scabious Ox-eye Daisy			***	Seed; Commercial-origin Seed; British native-origin Seed; British native-origin Seed; British native-origin	28.00 2.50 1.00 2.00
Wildflower Wildflower	Galium verum Knautia arvensis Leucanthemum vulgare Lotus corniculatus	Lady's Bedstraw Field Scabious Ox-eye Daisy Bird's-foot Trefoil				Seed: Commercial-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin	28.00 2.50 1.00 2.00 0.20
Wildflower Wildflower Grass	Galium verum Knautia arvensis Leucanthemum vulgare Lotus corniculatus Phleum bertolonii	Lady's Bedstraw Field Scabious Ox-eye Daisy Bird's-foot Trefoil Smaller Cat's-Tail				Seed: Commercial-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin Seed: commercial-origin	28.00 2.50 1.00 2.00 0.20 4.00
Wildflower Wildflower Grass Wildflower	Galium verum Knautia arvensis Leucanthemum vulgare Lotus corniculatus Phieum bertolonii Plantago ianceolata	Lady's Bedstraw Field Scabious Ox-eye Daisy Bird's-foot Trefoil Smaller Cat's-Tail Ribwort Plantain				Seed: Commercial-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin Seed: Commercial-origin Seed: Commercial-origin	28.00 2.50 1.00 2.00 0.20 4.00 1.00
Wildflower Wildflower Grass Wildflower Wildflower	Galium verum Knautia arvensis Leucanthemum vulgare Lotus corniculatus Phleum bertolonii Plantago lanceolata Primula veris	Lady's Bedstraw Field Scabious Ox-eye Daisy Bird's-foot Trefoil Smaller Cat's-Tail Ribwort Plantain Cowslip				Seed: Commercial-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin	28.00 2.50 1.00 2.00 0.20 4.00 1.00 1.50
Wildflower Wildflower Grass Wildflower Wildflower Wildflower	Galium verum Knautia arvensis Leucanthemum vulgare Lotus corniculatus Phleum bertolonii Plantago lanceolata Primula veris Prunella vulgaris	Lady's Bedstraw Field Scabious Ox-eye Daisy Bird's-foot Trefoil Smaller Cat's-Tail Ribwort Plantain Cowslip Selfheal				Seed: Commercial-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin Seed: commercial-origin Seed: British native-origin Seed: British native-origin Seed: British native-origin	28.00 2.60 1.00 2.00 0.20 4.00 1.00 1.50 2.50

Wildflower

Wildflower

Wildflower

Ranunculus bulbosus

Rhinanthus minor

Rumex acetosa

Bulbous Buttercup

Yellow Rattle

Common Sorrel

2.00

1.50

0.80

Seed; British native-origin

Seed; British native-origin

Seed; British native-origin



1. Introduction

1.1 Background

Three Shires Ltd was commissioned by the ISG Ltd (hereafter known as the 'client') in August 2023 to undertake a Biodiversity Net Gain (BNG) assessment on a piece of land at Wattisham Airfield in Ipswich, Suffolk. The land includes a carpark and a building known as "Block 314," collectively referred to as "the Site."

1.2 Site Location and Description

The site is located within Wattisham Flying Station, Suffolk. It sits 2km east of Wattisham and is accessed via Roman Road. The approximate centre of the Site is Ordnance Survey Grid Reference (OSGB) (TM 03160 51458), in the Local Planning Authority of Mid Suffolk District Council. The Site is dominated by modified grassland, urban areas and trees.

1.3 Site Proposals

The proposed works are to demolish the existing building (Block 314) and to construct a new accommodation block and additional ancillary structures to support this new building. There is proposed planting of new hedgerows and trees along the border of the new accommodation block, with additional wildflower meadows along the eastern border.

The scheme design is composed of the footprint of both temporary and permanent infrastructure. Due to the comparable impacts on biodiversity between the two, all works on the scheme design will be treated as permanent for the purpose of the biodiversity metric.

The proposed works that impact on the biodiversity units (BU's) of the Site are:

- Car park removal;
- Block 314 (B314) demolition into new accommodation block;
- Installation of hardstanding footpaths;
- Creation of external plant, bin store and bike store buildings;
- Installation of benches.

To mitigate the above impacts the following habitats will be created:

- Wildflower meadows created from native planting and management;
- Native hedgerow, trees and scrub planting;
- Sustainable Drainage Systems (SuDS) such as rain gardens.

Additional enhancements proposed that do not contribute to biodiversity net gain:

- Bat & bird boxes;
- Hibernacula creation, i.e. log piles.



1.4 Scope and Purpose of this Report

This document presents the BNG score for The Site based on the proposed development and habitat creation. This calculation is based on drawing Z9A8403Y20-HLM-10-00-DR-L-000103 by HLM Architects date 15/10/2021 (Appendix A).



2. Biodiversity Net Gain Calculations

This assessment was carried out using the most up-to-date Defra Metric (currently version 4.0¹).

To inform these calculations the UK Habitat Land classification (UKHAB 2.01²) and condition assessments were conducted on the Site survey in August 2023 carried out by Three Shires Ltd. The condition assessments of the habitats that have been identified on-site are presented in Appendix E.

Biodiversity Net Gain (BNG) calculations require all habitats within the red line boundary (RLB) of the proposed works to be entered into the calculator, even if it is not impacted by the proposed works. BNG is calculated on three distinct habitat types or categories:

- 1. Area based habitats such as grassland, woodland etc measured in hectares.
- 2. Linear habitats such as hedgerows, lines of trees etc measured in km.
- 3. Watercourses such as rivers, streams etc measured in km.

For this site module three associated with watercourses has not been used as there was no habitat of this type on this site so this will not be considered further in this report.

Value of each habitat is measured in biodiversity units and broadly based on the three components:

Distinctiveness – A pre-assigned value by the metric depending on the habitat type.

Condition – Assessed by the ecologist during The Site survey to allow for variation of quality between different parcels of the same habitat type.

Strategic significance - The local significance of the habitat based on its location and habitat type.

The metric can then be used to calculate the baseline units for each category of The Site. To achieve BNG the number of biodiversity units on site must be higher than this baseline on each category present on The Site by at least 10%.

This report will present the biodiversity units that are present under the current red-line boundary. This will identify what is required to achieve the 10% gain.

The scheme design will then be used to identify the losses by the proposed scheme (Appendix A) and areas where habitats can be created or enhanced to mitigate these losses to achieve the required gain.

To calculate the habitat interventions units, there is four bands of 'risk' relating to the difficulty of the habitat restoration or recreation varying from 'low to 'Very High'. These apply to the type of habitat change scenarios there are within Biodiversity Metric 4.0, such as;

Habitat Retention – the baseline habitat is retained in its baseline condition with no action to enhance or create the habitat.

Habitat Creation – the baseline habitat is replaced by another habitat or has changed in broad habitat type.

¹ Natural England, 'The Biodiversity Metric 4.0 (JP039)

² <u>https://ukhab.org/</u>



Habitat Enhancement – an improved condition compared to the baseline or change to higher distinctiveness habitat within the same broad habitat group in comparison to the assigned baseline.



3. Results

3.1 Site Baseline Habitats

A description of each habitat is detailed below (along with their UKHab code), their location in Figure 1 (Appendix B for an A3 version). Condition assessments for each habitat can be found at Appendix E.

The Site comprises one building B314 surrounded by managed modified grassland which borders the Site. The grassland to the east and west has a disused wooden fence with a gate. To the north of B314 is developed land in the form of a road leading to the main entrance, with tarmac parking, concrete footpaths and ground planters with a selection of native and ornamental species. Planted, individual trees are situated on the east boundary and to the northwest corner.

Figure 1: Area Habitats Baseline



3.1.1 Grassland

Modified grassland (g4) - 108 Frequently mown

The Site has a border of modified grassland, which has been subject to frequent management by mowing creating an unvaried sward height and a fairly poor species composition. Perennial ryegrass (Lolium perenne) dominates the habitat with few broad-leaf forb species including creeping buttercup (Ranunculus repens), white clover (Trifolium repens), daisy (Bellis perennis) and selfheal (Prunella vulgaris).

The condition of this habitat is determined to be poor.





Photograph 1: Modified grassland which dominates the Site and surrounds the building and structures.

3.1.2 Urban – (U)

The largest habitat consists of the hardstanding buildings and concrete car park and footpaths throughout the site.

Buildings (u1b5)

There is one building situated on Site, a small car park to the north and footpaths to the west and south of the Site. The main building, B314 is situated centrally in the Site and is a four-storey building.

This habitat does not have a condition associated with it.



Photograph 2: The Main building, B314, of which is situated centrally within the Site.



Photograph 3: The Main building, B314, of which is situated centrally within the Site.



Other developed Land, sealed surface (u1b6)

There is a carpark (0.147ha) situated to the north of the Site (Photograph 4) with car parking spaces along the road. Hardstanding public footpaths are present on the northern and western part of the Site, bordering B314 (Photograph 5).

This habitat does not have a condition associated with it.





Photograph 4: Car Park situated to the north of the site.

Photograph 5: Footpaths situated to the north, west and south of the b314 perimeter.

3.1.3 Urban Introduced shrub (1160)

To the north of the site there are two areas of introduced shrub on the east (Photograph 7) and west side (Photograph 6) of the car park. Both areas comprised of similar native and non-native species composition which includes cherry laurel (Prunus laurocerasus), sycamore (Acer pseudoplatanus), common gorse (Ulex europaeus) and laurustinus (Viburnum tinus).



Photograph 6: Introduced shrub to the west side of the car park.



Photograph 7: Introduced shrub to the east of the car park.



Urban Mature Tree – (203) 3.1.4

There are seven mature trees situated along the boundary of the Site. The first two are situated to the northwest of the boundary and include one Lawson cypress tree (Chamaecyparis lawsoniana) Photograph 8 previously identified as T1 and a mature field maple (Acer campestre) Photograph 9 (T2).

T1 was determined to be of moderate condition, with T2 detemined to be of good condition.



west of the Site.



Photograph 8: T1 A Lawson cypress situated to the north- Photograph 9: T2 A field maple situated to the northwest of the Site.

Five trees are situated on the eastern boundary. These are two wild cherry (Prunus avium) (T3 and T7), two rowan (Sorbus aucuparia) (T4 and T6) (Photograph 10) and an ornamental cherry (Prunus sp.) (T5) (Photograph 11).

T5 which was determined to be in a moderate condition with the other four trees being classified as in good habitat condition.





Photograph 10: Wild cherry tree (T3) located on the east of the site.



Photograph 11: T4, T5, T6, T7 located on the east of the site.

3.2 On-site Baseline Biodiversity Units

The baseline biodiversity units (BUs) of the categories present on-Site (no watercourses were identified) are listed in Table 1 (Area Habitats Baseline). These should be used in conjunction with the map in Appendix B showing the locations of each habitat.

Map Reference	Habitat Type	Distinctiveness	Condition	Strategic Significance	Area (ha)	BUs
Western Planter (WP)	Urban- Introduced Shrub	Low	N/A	Area/compensation not in local strategy/ no local strategy	0.004	0.01
Eastern Planter (EP)	Urban- Introduced shrub	Low	N/A	Area/compensation not in local strategy/ no local strategy	0.007	0.01
G1	Grassland - Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.136	0.27
G2	Grassland - Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.013	0.03
G3	Grassland - Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.012	0.02
G4	Grassland - Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.006	0.01
T1	Individual trees - Urban Tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.29

Table 1: On-site Area Habitats Baseline



Map Reference	Habitat Type	Distinctiveness	Condition	Strategic Significance	Area (ha)	BUs
T2	Individual trees - Urban Tree	Medium	Good	Area/compensation not in local strategy/ no local strategy	0.0366	0.44
ТЗ	Individual trees - Urban Tree	Medium	Good	Area/compensation not in local strategy/ no local strategy	0.0366	0.44
T4	Individual trees - Urban Tree	Medium	Good	Area/compensation not in local strategy/ no local strategy	0.0366	0.44
T5	Individual trees - Urban Tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.29
Т6	Individual trees - Urban Tree	Medium	Good	Area/compensation not in local strategy/ no local strategy	0.0366	0.44
Т7	Individual trees - Urban Tree	Medium	Good	Area/compensation not in local strategy/ no local strategy	0.0366	0.44
B314	Urban- Developed land, sealed surface	V.Low	N/a	Area/compensation not in local strategy/ no local strategy	0.185	0.00
Car Park	Urban- Developed land, sealed surface	V.Low	N/a	Area/compensation not in local strategy/ no local strategy	0.147	0.00
Total						3.14

3.3 On-Site Post-Development Habitats

The following describes the proposed change in habitats post-development which has been calculated based on the landscaping plan in Appendix A.

To complete the BNG calculations the following assumptions have been made:

No planting schedule was provided for The Site, therefore a landscaping schedule from a similar scheme (Kendrew DIO) has been used and has been provided in Appendix F.

All shrub and hedge planting has been designated as hedge planting in the calculations for consistency.



Figure 2: Site Post-Development Habitats



3.3.1 Habitats Retained

The following lists the habitats which have remained as the same habitat type and condition, post-development.

Mature Individual Trees

Tree's T2, T3, T4, T5, T6 and T7 are due to be retained during the works.

3.3.2 Habitats lost

Mature Individual Trees

Tree T1 is due to be removed during the works.

3.3.3 Habitat Enhancement

Modified grassland (g4)

The grassland (labelled G1 on Table 1) located on the eastern boundary (0.136ha) is to be enhanced from poor modified grassland to moderate other neutral grassland through the sowing of a meadow seed mix and better management practices.



3.3.4 Habitat Creation

Urban – Buildings:

There are three new buildings proposed; a new accommodation block (NB1), a bike shed/bin storage (NB2) and an external plant building (NB3).

Urban - Developed land, sealed surface

The proposed footpaths and other hardstanding areas have been created under 'developed land, sealed surface'.

Native hedgerow

There are 15 native hedgerows to be planted around hardstanding areas and the proposed accommodation block (NB1). These hedgerows will be comprised of common hornbeam (Carpinus betulus) and should be a moderate condition.

Individual Trees - Urban

There are 11 trees to be planted throughout the boundary of the northern, southern and western site boundary. This includes Lombardy poplar (Populus nigra 'Italica'), wild cherry (Prunus avium) and common beech (Fagus sylvatica). For the calculator these were recorded as being of a 'Medium' size (Diameter at Breast Height >30cm but <90cm) following the 27 years standard time to reach the target condition score of 'moderate'.

Urban - Sustainable Drainage Systems - Rain Garden (850):

Two Sustainable Drainage System (SuDS) rain gardens are proposed to be implemented to the east and south of the newly proposed accommodation block (NB1). These are to be of varied species of which will be targeting good condition criteria.

Modified grassland (g4)

The proposed grassland will be scattered across the site to break up areas of hardstanding. The condition of the proposed grassland will be considered poor condition.

3.4 Impacts of the Development on the BNG

Table 2 shows the number of units that are to be affected by the proposed works. This includes habitat that is to be retained and lost as part of the proposed works.

If a habitat is affected and will be returned to its previous type and condition within a two-year time scale this would be considered as temporary loss. Any areas temporary losses that would not be restored within this time frame for the purposes of the calculator are considered as permanent loss.

Map Reference	Habitat Type	Area retained (ha)	BU's retained	Area lost (ha)	BU's lost
Western Planter (WP)	Urban- Introduced Shrub	0.00	0.00	0.00	0.01
Eastern Planter (EP)	Urban- Introduced shrub	0.00	0.00	0.01	0.01

Table 2: On-site Area Habitats to be Lost



Map Reference	Habitat Type	Area retained (ha)	BU's retained	Area lost (ha)	BU's lost
G1	Grassland - Modified Grassland	0.00	0.00	0.09	0.19
G2	Grassland - Modified Grassland	0.00	0.00	0.01	0.03
G3	Grassland - Modified Grassland	0.00	0.00	0.01	0.02
G4	Grassland - Modified Grassland	0.00	0.00	0.02	0.01
T1	Individual trees - Urban Tree	0.00	0.00	0.00	0.29
T2	Individual trees - Urban Tree	0.0366	0.44	0.00	0.00
T3	Individual trees - Urban Tree	0.0366	0.44	0.00	0.00
T4	Individual trees - Urban Tree	0.0366	0.44	0.00	0.00
T5	Individual trees - Urban Tree	0.0366	0.29	0.00	0.00
T6	Individual trees - Urban Tree	0.0366	0.44	0.00	0.00
Τ7	Individual trees - Urban Tree	0.0366	0.44	0.00	0.00
B314	Urban- Developed land, sealed surface	0.00	0.00	0.19	0.00
Car Park	Urban- Developed land, sealed surface	0.00	0.00	0.15	0.00
Total					0.56

The proposed works will result in the direct loss of 0.56 BU that will need to be replaced following the works.

3.5 On Site Habitat Creation

To achieve the required units to balance the losses incurred from the development and to achieve a 10% increase in biodiversity units the following habitat creation is recommended:

Map Reference	Habitat Type	Distinctiveness	Condition	Strategic significance	Area (ha)	BUs
U1	Urban- Developed land; sealed surface	V.Low	N/a	Area/compensation not in local strategy/ no local strategy	0.32	0.00
RG1	Urban- Rain Garden	Low	Good	Area/compensation not in local strategy/ no local strategy	0.009	0.05
RG2	Urban- Rain Garden	Low	Good	Area/compensation not in local strategy/ no local strategy	0.004	0.02



Map Reference	Habitat Type	Distinctiveness	Condition	Strategic significance	Area (ha)	BUs
Shelter	Urban- Built linear features	V.Low	N/a	Area/compensation not in local strategy/ no local strategy	0.001	0.00
PG1	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.069	0.13
PG2	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.011	0.02
PG3	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.022	0.04
PG4	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.002	0.00
PG5	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.014	0.03
PG6	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.007	0.01
PG7	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.008	0.02
PG8	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.001	0.00
PT8	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT9	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT10	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT11	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT12	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT13	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT14	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT15	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT16	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11



Map Reference	Habitat Type	Distinctiveness	Condition	Strategic significance	Area (ha)	BUs
PT17	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
PT18	Individual tree- Urban tree	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	0.0366	0.11
Total						1.46

3.6 On-Site Enhancement

Map Reference	Habitat Type	Distinctiveness	Condition	Strategic significance	Area (ha)	BUs
G1	Grassland- Modified Grassland	Low	Poor	Area/compensation not in local strategy/ no local strategy	0.042	0.26

3.7 On Site Hedgerow Creation

Map Reference	Habitat Type	Distinctiveness	Condition	Strategic significance	Length (km)	BUs
H1	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.047	0.16
H2	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.026	0.09
H3	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.024	0.08
H4	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.007	0.02
H5	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.005	0.02
H6	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.005	0.02
H7	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.006	0.02
H8	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.004	0.01
Н9	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.01	0.03
H10	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.01	0.03
H11	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.008	0.03



Map Reference	Habitat Type	Distinctiveness	Condition	Strategic significance	Length (km)	BUs
H12	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.024	0.08
H13	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.026	0.09
H14	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.047	0.16
H15	Native Hedgerow	Low	Moderate	Area/compensation not in local strategy/ no local strategy	0.032	0.11
Total						0.94



4. Summary

Biodiversity net gain calculations have been carried out on the site. The water course module was not used as none of these features are present on the site.

The Site has baseline biodiversity units of:

3.14 BU for area habitats; and

0 BU for hedgerows and lines of trees

Using the designs provided, the proposed scheme and associated landscaping was input into the metric to assess the changes to the biodiversity units present. The scheme achieved the following results:

4.30 BU for area habitats

0.94 BU for hedgerows and lines of trees

The proposed scheme therefore when including all on-site habitat retention, creation and enhancement achieves a net change of 1.17 BUs (a 37.17% increase) in habitat units and 0.94 BUs (a 100% increase) in hedgerow units. This result satisfies the required increase and all trading rules within the metric are achieved.

4.1 Recommendations

Any enhancements that are required for biodiversity net gain will be required to achieve the target condition within the specified timeframe and will need to be maintained for a minimum of 30 years post development. No development will be allowed to occur in these areas without incurring further penalties. Any enhancements that are required for biodiversity net gain are required to achieve the target condition within the specified timeframe and will need to be maintained for a minimum of 30 years post-development. No development will be allowed to occur in these areas without incurring further penalties. No development will be allowed to occur in these areas without incurring further penalties. Due to this, only areas of The Site that can be effectively managed for 30 years are viable.

Regarding the planting schedule previously devised for the prior BNG report, any room to improve this by planting more native species could improve the habitat units delivered. For instance, the urban Lombardy poplar trees proposed to be planted could be replaced by a native species such as silver birch (Betula pendula) or alder (Alnus glutinosa) for instance. The proposed seed mix for the rain gardens is unlikely to achieve the good condition due to the lack of species that are adapted to damp conditions. The species that are listed are unlikely to create the range of species that flower over the year to achieve the requirements of a good condition rain garden.



Appendix A: Proposed Site Landscape Plan





Appendix B: Site Baseline Habitats





Appendix C: Proposed Site Habitats Post Development





Appendix D: Biodiversity Metric – Baseline Headline Results

	Habitat units	3.14	
On-site baseline	Hedgerow units	0.00	
	Watercourse units	0.00	
	Habitat units	4.30	
On-site post-intervention	Hedgerow units	0.94	
(Including habitat retention, creation & enhancement)	Watercourse units	0.00	
6 25	Habitat units	1.17	37.17%
On-site net change	Hedgerow units	0.94	0.00%
(units & percentage)	Watercourse units	0.00	0.00%



Appendix E: Condition Assessment Sheets

Co	ondition Sheet: INDIVIDUAL	TREES Habitat Type											
Ha	abitat Type(s)												
Inc	dividual trees – Urban trees dividual trees – Rural trees												
Сс	omplete a condition sheet for e	each tree or block of trees.											
PI	ease see separate Line of tre	ees condition sheet for a line of Rural trees.											
На	abitat Description												
Ind Yo Ur Gr	dividual trees (description a bung trees over 7.5 cm in diam ban Perimeter / Linear Block roups or stands of trees (size r	pplied to the urban or rural environment): eter at breast height whose canopies are not to the sand Groups (description applied to the ur equirement as defined above) within and aroun	uching. ban envi d the peri	ronment meter of	t only): urban lar	nd. This in	cludes the	ose alono	g urban s	treets, hi	iqhways,	railway	s and canals,
an	d also former field boundary tr	rees incorporated into developments. Canopies	must ove	rlap cont	tinuously.	Groups of	f urban tre	es that o	lon't mat	ch the de	scription	s for wo	odland may
be	assessed within this category	/.				On site							
			On-site	or off-si	te	On site i	внык						
Sit	te name and location		Survey reference (if relating to a wider survey)										
			Habitat	parcel r	eference								
Lii	mitations (if applicable)		T1	T2	T3	T4	T5	T6	T7]
			Grid ref	erence	l(MIIG	(rowan)	l(orienta	rowan	(wiid	_		L	-
		1	ТМ	TM	тм	тм	тм	тм	тм	T	1		-
			03284	03281	03366	03366	03366	03360	03374				
Co	ondition Assessment Criteria	3	Cuitoria		-1 <i>(</i>)/	NI-)							Notes (such
			Griterio	n passe	u (res or	NO)							justification)
A	A The tree is a native species (or at least 70% within the block are native species).		No	Yes	Yes	Yes	No	Yes	Yes				Majority of species were
в	The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion)		Yes	Yes	Yes	Yes	Yes	Yes	Yes				
с	The tree is mature (or more t	than 50% within the block are mature).	Yes	Yes	Yes	Yes	Yes	Yes	Yes				-
D	There is little or no evidence activities (such as vandalism And there is no current regula expected canopy for their age	of an adverse impact on tree health by human , herbicide or detrimental agricultural activity). ar pruning regime, so the trees retain >75% of e range and height.	Yes	Yes	Yes	Yes	Yes	Yes	Yes				No evidence of vandalism or excessive pruning
E	Natural ecological niches for such as presence of deadwo	vertebrates and invertebrates are present, od, cavities, ivy or loose bark.	No	No	Yes	No	No	No	Yes				
F	More than 20% of the tree ca	nopy area is oversailing vegetation beneath.	No	Yes	Yes	Yes	Yes	Yes	Yes				
		Number of criteria passed	3	5	6	5	4	5	6				
Co Re	ondition Assessment esult (out of 6 criteria)	Condition Assessment Score	Score A	chieved	×/√	T.	1	Γ.	1.				
Pa	asses 5 or 6 criteria	Good (3)		\checkmark	~	~		\checkmark	~				-
Pa	asses 3 or 4 criteria	Moderate (2)	\checkmark				\checkmark						
Pa	asses 2 or fewer criteria	Poor (1)											
Nc	te that 'Fairly Good and Fairly	Poor' condition categories are not available for	this broa	d habitat	type.								
Su	uggested enhancement inter	ventions to improve condition score											
Ee	notnotes												
Fo	ootnote 1 - See gov.uk standir	ng advice on ancient and veteran trees. Available	e from:										
Ke	epers of time: ancient and nat	tive woodland and trees policy in England (publi	shing.ser	vice.gov.	<u>uk)</u>								
An	ncient woodland, ancient trees	and veteran trees: advice for making planning c	decisions	- GOV.L	IK (www.	<u>qov.uk)</u>							



Co	ondition Sheet: GRASSLAND Habit	at Type (low distinctiveness)											
Uł	K Habitat Classification (UKHab) Ha	abitat Type(s)											
Gr	rassland - Modified grassland												
Ha	abitat Description												
	wheth LIK Habitat Classification												
ик	rnab – OK Habitat Classification	Wattisham Airfield			On Site								
		Wattisham Americ	On-site o	r off-site	On Sile								
					BNG								
Si	te name and location		Survey re	eference	DING								
			(if relating	g to a									
			wider sur	vey)									
Г			Habitat p	arcol rofor	onco								
					2	4	1		r		1	r	4
Li	mitations (if applicable)		'	2	3	4							
			Grid refe	rence									
		•	ТМ	ТМ	ТМ	TM							1
			03308	03290	03324	03362							
Co	ondition Assessment Criteria		51571	51546	51538	51579							
													Notes (such
			Criterion	passed (Y	'es or No)								as
			No	No	No	No	1	1	1	-	1	1	Areas were
	There are 6-8 vascular plant species	s per m ² present, including at least 2 forbs (this may include	NO	140	NO	INO							dominated
	those listed in Footnote 1). Note - th	his criterion is essential for achieving Moderate or Good											with grass
	condition.												(Perennial
	Where the vascular plant species pr	resent are characteristic of medium, high or very high											Rye-grass)
A	distinctiveness grassland, or there a	are 9 or more of these characteristic species per m ²											species of
	(excluding those listed in Footnote 1), please review the full UKHab description to assess											Ribwort
	whether the grassland should instea	ad be classified as a higher distinctiveness grassland.											plantain,
	Where a grassland is classed as me	edium, high, or very high distinctiveness, please use the											Creeping
	relevant condition sheet.												buttercup,
	Sward beight is varied (at least 20%	of the sward is less than 7 cm and at least 20% is more	NO	NO	NO	NO							Areas were
в	than 7 cm) creating microclimates w	which provide opportunities for vertebrates and invertebrates											mowed
	to live and breed.												
			Vee	Vee	Vaa	Vaa							-
	Some scattered scrub (including bra	amble Rubus fruticosus agg.) may be present, but scrub	res	162	Tes	res							
С	accounts for less than 20% of total g	Jrassiano area.											
-	Note - patches of scrub with continu	ous (more than 90%) cover should be classified as the											
	relevant scrub habitat type.												
	Physical damage is evident in less t	han 5% of total grassland area. Examples of physical	Yes		Yes	Yes							
D	damage include excessive poaching	, damage from machinery use or storage, erosion caused		Yes									
	by high levels of access, or any other	er damaging management activities.											
			Yes	Yes	Yes	Yes							
E	Cover of bare ground is between 1%	6 and 10%, including localised areas (for example, a											
-	concentration of rabbit warrens) ² .												
-			Yes	Yes	Yes	Yes							No bracken
F	Cover of bracken Pteridium aquilinu	m is less than 20%.											present
			Yes	Yes	Yes	Yes							No none
G	There is an absence of invasive non	x-native plant species ³ (as listed on Schedule 9 of W(CA ⁴)											native species
0	There is an absence of invasive non	-native plant species (as listed on Schedule 9 of WCA).											present
	1	Essential criterion achieved (Ver er Ne)	No	No	No	No	1						+
-		Essential citterion achieved (res of No)	4	4	4	4							
		Number of criteria passed	Ľ	<u> </u>	1	1	L		L	L	L	L	
Co	ondition Assessment Result (out	Condition Assessment Score	Score Ac	hieved ×/									
01				1	1		1	1	1	1	1	1	-
Pa	asses 6 or / criteria including	Good (3)											
pa	assing essential cittenon A												-
Pa	asses 4 or 5 criteria including	Moderate (2)											
ра	assing essential criterion A												
P	asses 3 or fewer criteria:		\checkmark	\checkmark	\checkmark	\checkmark							
0	R	Deep (4)											
Pa	asses 4 - 6 criteria (excluding	Poor (1)											
cri	iterion A)												
Sι	uggested enhancement interventio	ns to improve condition score											
								_	_				
F0	potnotes	arvense, spear thistle Cirsium vulgare, ourled dock Pumov		had-leaved	dock Pum	ex obtue:f		mon net	la Urtico	dioica a	reening	uttercure	Ranunculus
re	ppens, greater plantain Plantago maio	r, white clover Trifolium repens and cow parslev Anthriscus	sylvestris	Jau-ieave0	JUCK RUIII	un unitalla	<i></i>	monnel	ae oruca	aloica, C	seping b	auercup i	sanunoulus
Fo	botnote 2 – For example, this could in	nclude small, scattered areas of bare ground allowing establi	shment of I	new specie	es, or locali	sed patche	es where r	not excee	ding 10%	6 cover.			

Footnote 3 – Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, using professional judgement.

Footnote 4 - Wildlife and Countryside Act 1981 (as amended).



Appendix F: Planting Schedule

Distic Arcadis Data: Distic Distic Distic Constances Constances </th <th>KENDF</th> <th>REW BARRACKS F</th> <th>PLANTING SCHEDULI</th> <th>Ε</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	KENDF	REW BARRACKS F	PLANTING SCHEDULI	Ε						
Propert. Kindrew Bancake Paning Bandwill Carsad by: Carsad Disperts - Landon offic Stade Lie ware 21-1334-01 - Kindrew Bancake. Stade Lie ware Stade Lie ware Stade Lie ware 21-1334-01 - Kindrew Bancake. Stade Lie ware Stade Lie ware Stade Lie ware 21-1334-01 - Kindrew Bancake. Stade Lie ware Stade Lie ware Stade Lie Ware Bancake Bancake Paning Bancake. Stade Lie Ware Stade Lie Ware Stade Lie Ware Bancake Bancake Paning Bancake. Stade Lie Ware Stade Lie Ware Find Care Bancake Bancake Paning Bancake. Londbacky Page Paning Stade Lie Ware Stade Lie Ware Tree Popula night Bancak Common Name Stade Lie Ware Stade Lie Ware Stade Lie Ware Tree Popula night Bancak Common Name Stade Lie Ware Stade Lie Ware Stade Lie Ware Stade Lie Ware Find Cree Stade Lie Ware Common Name Stade Lie Ware	Client:	Arcadis			Date:	08/08/22	2			
Location: Contensing Bondel near: 1/133-01 - Fendrave Barracks Deving of: 1/133-01 - Fendrave Barracks Excloser: Zsaksi FeyderLANCXCXX-SPL-400001 The Free Series: Zsaksi FeyderLANCXCXX-SPL-400001 The Free Series: Zsaksi FeyderLANCXCXX-SPL-400001 The Free Series: Zsaksi FeyderLANCXCXX-SPL-400001 The Free Series: S	Project:	Kendrew Barracks Planting Sch	edule		Created by:	Conrad (Clayden - London office			
Schedule mark 12:133.401 - Kendrew Barracki U Link Weilweiter XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Location:	Cottesmore							1	
Deving million in a Relinder Merekanska produktive Schedulie Reliador: Zasadi Byzer Hubbockok, SP-Leddord Tree Spanis Verbala. Deving Million Mane Common Name Orifi Ola, on Height on Rod Zone Specification Mikin Counted 5 Tree Papie sylvetia. Tree Papie sylve	Schedule nar	me: 12-1334-01 - Kendrew Barra	icks					HLIV	l	
Revision: Stade 19120-HitLMXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Drawing ref.:	KENDREW BARRACKS PLANT	ING SCHEDULE					Arch	nitec	ts
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Tree Produits night Tablica' Lumbardy Poplar 14-16 425-500 RB St. HS: clear stem 105-150cm; 5 brks Counted 5 Hedging Filter Pruits artum Wild Cherry 12-14 350-425 RB St. HS: clear stem 105-150cm; 5 brks Counted 5 Hedging Filter Standal Name Common Name Girth/ Dia. cm Height cm Rod Zone Specification Mk % per m Number Armenity Filter Standal Common Name Girth/ Dia. cm Height cm Rod Zone Specification Mk % per m* Number Armenity Filter Standal Name Common Name Girth/ Dia. cm Height cm Rod Zone Specification Mk % per m* Number Shub Christy Actes Peart* Mextcan Orange Blossom Acte Peart* 30-40 31. Buutry: 5 brks 10.00 4 168 Shub Skrinder Standal Mame Common Name Girth/ Dia. cm 30-40 31. Buutry: 5 brks 10.00 4 168 34 Shub	Tree	Fagus sylvatica	Common Beech	14-16	400-450	RB	3x; EHS; clear stem 175-200cm; 5 brks		Counted	4
Tree Prunus avlum Wild Cherry 12:14 350-425 RB Str. HS: clear stem 175-200 cm; 5 brks Counted 5 Hedging F Str. HS: clear stem 175-200 cm; 5 brks Counted 5 Plant Group Botanical Name Common Name Girth/ Dia. cm Height cm Rot Zone Specification Mk % per m Number Free Caphus betulus Common Name Girth/ Dia. cm Height cm Rot Zone Specification Mk % per m ³ Number Shrub Stractical Name Common Name Girth/ Dia. cm Height cm Rot Zone Specification Mk % per m ³ Number Shrub Stractical Shrue Common Name Girth/ Dia. cm Height cm Rot Zone Specification Mk % per m ³ Number Shrub Stractical Name Common Name Girth/ Dia. cm Height cm Rot Zone Specification Mk % per m ³ Number Shrub Systemal Specification Mk % per m ³ Specification	Tree	Populus nigra 'Italica'	Lombardy Poplar	14-16	425-600	RB	3x; EHS; clear stem 100-150cm; 5 brks		Counted	5
Hedging Botanical Name Common Name Girth/ Dia.cm Height cm Root Zone Specification Mux % per Number Tree Carpinus beluius Common Hombeam 60-100 EL 1+1: Transplant - seed raised; branched; 5 bris 5 30 American Values Bind Group Edanical Name Common Name Girth/ Dia.cm Height cm Root Zone Specification Mux % per m* Number Shrub Choixg's Xate Cear! Mexican Orange Biosom / Xate Cear! 30-40 31. Bushry; 5 bris 100.0 4 394 Shrub Shrub Spirea Sipormound Japanese Spirea 'Snowmound 20-40 31. Bushry; 3 bris 20.00 4 394 Shrub Spirea nipponica 'Snowmound Japanese Spirea 'Snowmound 20-40 31. Bushry; 3 bris 20.00 4 394 Shrub Viburum davidit Goranes Role Role Girth/ Dia.cm Height Cm Root Zone Specification Murk M per M Murber Shrub<	Tree	Prunus avium	Wild Cherry	12-14	350-425	RB	3x; HS; clear stem 175-200cm; 5 brks		Counted	5
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Name of Carping Data Status Design of the Status <thdesign of="" status<="" th="" the=""> Des</thdesign>	Plant Group	Botanical Name	Common Name	Girth/Dia.cm	Height cm	Root Zone	Specification	Mix %	ner m	Number
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Amenity Planting Mix Print Group Botanical Name Common Name Girth/ Dia. cm Height cm Root Zore Specification Mix %s per m2 Number Shrub Choisya 'Atzec Pearl' Mexican Orange Blossom 'Aztec Pearl' 30-40 3L Bushy; 5 bris 25.00 4 394 Shrub Strococcca contissa a Sveet Box 20-30 2L Bushy; 5 bris 25.00 4 394 Shrub Strococcca contissa a Sveet Box 30-40 3L Bushy; 3 bris 25.00 4 394 Shrub Spireae nipponice "Browmound" Japanese Spirea's 'Snowmound" 40-60 3L Bushy; 3 bris 10.00 4 198 Shrub Viburnum davilus 'Compactum' Gueider Rese 'Compactum' 30-40 3L Bushy; 3 bris 10.00 4 84 Shrub Hebe 'Great Orme' Shrub/Viburum davilus sportes 10.00 4 84 Shrub Hebe 'Great Orme' Shrub/Viburum 30-40 3L Bushy; 3 bris 10.00 4	Tree	Carpinus betulus	Common Hornbeam		80-100	5L	1+1; Transplant - seed raised; branched; 5 brks		5	30
Christian Participant Common Name Girth/ Dia. cm Height cm Root Zone Specification Mix % per m² Number Shrub Choisya 'Azte Cear! Mexican Orange Blosson 'Aztec Pear! 30-40 31. Bushy: 5 brks 25.00 4 394 Shrub Sarcococca contusa a Sweet Box 20-30 21. Bushy: 5 brks 25.00 4 394 Shrub Skimmia Japonice Skimmia Rubella' Japanese Skimmia Rubella' 30-40 31. Bushy: 5 brks 25.00 4 158 Shrub Spiraes Inponica 'Snowmound' Japanese Skimmia Rubella' 30-40 31. Bushy: 3 brks 20.00 4 158 Shrub Viburnum avaidit Compactum' Gueider Rose 'Compactum' 30-40 31. Bushy: 3 brks 10.00 4 84 Shrub Hebe 'Graet Orme' Shrubby Veronica 'Graet Orme' 30-40 31. Bushy: 3 brks 10.00 4 84 Shrub Hebe 'Graet Orme' Shrubby Veronica 'Graet Orme' 30-40 31. Bushy: 3 brks<	Amonity I	Planting Mix								
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Shrub Skriminal japonica Yubelia Japanese Skriminal Yubelia Joud Visuonund Juspanese Skriminal Yubelia Joud Visuonund Juspanese Spirea 'isowomound' 40-60 31. Brunched: 5 triks 10.00 4 158 Shrub Viburnum davidii David Viburnum Gueider Rose 'Compactum' 30-40 31. Bushy: 3 brks 20.00 4 315 Building Strub Viburnum opulus 'Compactum' Gueider Rose 'Compactum' 30-40 31. Bushy: 3 brks 10.00 4 158 Building Derivation Gueider Great Orme' Gueider Compactum' 30-40 31. Bushy: 3 brks 10.00 4 84 Shrub Hebe 'Great Orme' Shrub/ Veronica 'Great Orme' 30-40 31. Bushy: 3 brks 10.00 4 84 Shrub Heavandula stocehas pedunculata French Lavender 167 20.20 21. Bushy: 3 brks 10.00 4 84 Shrub Sarobina Viens Green Cotton Lavander 20-30 21. Bushy: 3 brks 10.00 <	Shrub	Sarcococca confusa	a Sweet Box	10 10 10 10 10 10 10 10 10 10 10 10 10 1	20-30	2L	Bushy; 4 brks	10.00	4	158
Shrub Spirada mipplinical shruhnung 40-00 SL Brainford, Stins 10.00 4 136 Shrub Viburnum dvilit David Viburnum 20-30 3L Bushy; 3 kris 20.00 4 135 Shrub Viburnum opulus 'Compactum' Gueider Rose 'Compactum' 30-40 3L Bushy; 3 kris 20.00 4 158 Building Perimeter Planting Mix Permeter Planting Mix Strub Height cm Root Zone Specification Mix % per m² Number Shrub Hebe 'Great Orme' Shrubby Veronica 'Great Orme' 30-40 3L Bushy; 3 brks 10.00 4 84 Shrub Hebe 'Great Orme' Shrubby Veronica 'Great Orme' 30-40 3L Bushy; 3 brks 10.00 4 84 Shrub Perovskia Bitue Spire' 30-40 3L Bushy; 3 brks 20.00 4 167 Shrub Santolina viens Green Cotton Lavander 20-30 2L Bushy; 3 brks 10.00 4 84 Shrub <td>Shrub</td> <td>Skimmia japonica 'Rubella'</td> <td>Japanese Skimmia Rubella</td> <td></td> <td>30-40</td> <td>3L</td> <td>Busny; 3 prks</td> <td>25.00</td> <td>4</td> <td>394</td>	Shrub	Skimmia japonica 'Rubella'	Japanese Skimmia Rubella		30-40	3L	Busny; 3 prks	25.00	4	394
Shrub Viburnum opulus 'Compactum' David Viburnum 20-30 3 L Bushy, 3 bris 20.00 4 315 Shrub Viburnum opulus 'Compactum' 30-00 3 L Bushy, 3 bris 10.00 4 158 Building Perimeter Planting Mix Plant Group Botanical Name Common Name Girth/ Dia. cm Height cm Root Zone Specification Mix % per m ² Number Shrub Hebe 'Great Orme' Shrubby Veronica 'Great Orme' 30-40 3 L Bushy, 3 bris 10.00 4 84 Shrub Lavandula stoechas pedunculata French Lavender 15-20 2 L Bushy, 3 bris 20.00 4 167 Shrub Perovskia 'Blue Spire' Russian Sage 'Blue Spire' 30-40 3 L Bushy, 3 bris 20.00 4 167 Shrub Sarcococca confusa a Sweet Box 20-30 2 L Bushy, 3 bris 10.00 4 84 Shrub Skimmia japonica 'Rubella' Japanese Skimmia 'Rubella' 30-40 3 L Bushy, 3	Shrub	Spiraea hipponica Snowmound	David) (burnsure		40-60	3L	Branched, 5 brks	10.00	4	061
Shrub Viburnum opulus Compactum Guelaer Rose Compactum Guelaer Rose Compactum Stude Stude Businy: 4 brks 10.00 4 158 Building Perimeter Planting Mix Plant Group Botanical Name Common Name Girth/ Dia. cm Height cm Root Zone Specification Mix % per m² Number Shrub Hebe Great Orme' Shrubby Veronica 'Great Orme' 30-40 3L Bushy; 3 brks 10.00 4 84 Shrub Lavandula stoechas pedunculata French Lavender 15-20 2L Bushy; 3 brks 20.00 4 167 Shrub Perovskia 'Blue Spire' Russian Sage 'Blue Spire' 30-40 3L Bushy; 3 brks 20.00 4 167 Shrub Santolina virens Green Cotton Lavander 20-30 2L Bushy; 3 brks 10.00 4 84 Shrub Santolina virens Green Cotton Lavander 20-30 2L Bushy; 3 brks 10.00 4 84 Shrub Skimmia japonica 'Rubella' Japanese Skimmia 'Rubella' 30-40 3L Bushy; 3 brks 20.00 <td>Shrub</td> <td></td> <td>David Viburnum</td> <td></td> <td>20-30</td> <td>JOL N</td> <td>Bushy, 3 prks</td> <td>20.00</td> <td>4</td> <td>315</td>	Shrub		David Viburnum		20-30	JOL N	Bushy, 3 prks	20.00	4	315
Building Perimeter Planting Mix Common Name Girth/Dia. cm Height cm Root Zone Specification Mix % per m² Number Shrub Hebe 'Great Orme' Shrubby Veronica 'Great Orme' 0 0.00 4 84 Shrub Lavandula stoechas pedunculata French Lavander 15-20 2. Bushy: 3 brks 20.00 4 167 Shrub Perovskia 'Blue Spire' Green Cotton Lavander 20-30 2. Bushy: 5 brks 10.00 4 84 Shrub Santolina virens Green Cotton Lavander 20-30 2.L Bushy: 5 brks 10.00 4 84 Shrub Sarcococca confusa a Sweet Box 20-30 2.L Bushy: 3 brks 10.00 4 84 Shrub Stirubi Japonica 'Rubella' Japanese Skimmia 'Rubella' 20-30 3.L Bushy: 3 brks 10.00 4 84 Shrub Viburnum davidli David Viburnum 20-30 3.L Bushy: 3 brks 20.00 4 167 Metad Viburnum David Viburnum Sore: 228.000m* Sorest 4g/m* Amount: 912g	Shrub	Viburnum opulus Compactum	Gueider Rose Compactum		30-40	3L	Bushy; 4 brks	10.00	4	158
Plant Group ShrubBotanical NameCommon NameGirth/ Dia. cmHeight cmRoot ZoneSpecificationMix %per m²NumberShrubHebe 'Great Orme'Shrubby Veronica 'Great Orme'30-403LBushy: 3 brks10.00484ShrubLavandula stoechas pedunculataFrench Lavender15-202LBushy: 5 brks20.004167ShrubPerovskia 'Blue Spire'Russian Sage 'Blue Spire'30-403LBushy: 3 brks20.004167ShrubSantolina virensGreen Cotton Lavander20-302LBushy: 5 brks10.00484ShrubSantolina virensGreen Cotton Lavander20-302LBushy: 5 brks10.00484ShrubSarcococca confusaa Sweet Box20-302LBushy: 3 brks10.00484ShrubSkimmia japonica 'Rubella'Japanese Skimmia 'Rubella'30-403LBushy: 3 brks10.00484ShrubViburnum davidiiDavid Viburnum20-303LBushy: 3 brks10.00484ShrubViburnum davidiiDavid Viburnum20-303LBushy: 3 brks20.004167MeddovSect Mixture for SwalesMeadov IvensonSect BordovSect Bordov484ShrubViburnum davidiiDavid ViburnumSon Rate: 4grine' Active 'Sect Bordov555Piat GroupBetanical NameCommon NameGirth/ Dia.	Building F	Perimeter Planting Mix								
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Shrub Lavandula stoechas pedunculata French Lavender Interpretation Interpretation <thinterpretation< th=""> <thinterpretation< th=""> I</thinterpretation<></thinterpretation<>	Shrub	Hebe 'Great Orme'	Shrubby Veronica 'Great Orme'		30-40	3L	Bushy; 3 brks	10.00	4	84
ShrubPerovskia 'Blue Spire'Russian Sage 'Blue Spire'Image: Spire'SourceSourceSupportBushy: 3 brksSourceS	Shrub	Lavandula stoechas pedunculata	French Lavender	AND, AND \$10, AND	15-20	2L	Bushy; 5 brks	20.00	4	167
ShrubSantolina virensGreen Cotton Lavander20-302LBushy: 5 brks10.00484ShrubSarcococca confusaa Sweet Box20-302LBushy: 4 brks10.00484ShrubSkimmia japonica 'Rubella'Japanese Skimmia 'Rubella'30-403LBushy: 3 brks10.00484ShrubViburnum davidiiDavid ViburnumCommon Name20-303LBushy: 3 brks20.004167Meadow Seed Mixture for SwalesCommon NameGirth/ Dia. cmHeight cmRoot ZoneSpecificationMix %MNumberWildflowerAchillea millefollumYarrowCommon BentCommon Bent5555555556510.004446GrassAnlopecurus pratensisMeadow FoxtailCommon BentCommon BentCommon Bent54510.00446GrassAntoxanthum odoratumSweet Vernal GrassGenesCommon BentSeed; British native-origin1.00499546665666 <td< td=""><td>Shrub</td><td>Perovskia 'Blue Spire'</td><td>Russian Sage 'Blue Spire'</td><td></td><td>30-40</td><td>3L</td><td>Bushy; 3 brks</td><td>20.00</td><td>4</td><td>167</td></td<>	Shrub	Perovskia 'Blue Spire'	Russian Sage 'Blue Spire'		30-40	3L	Bushy; 3 brks	20.00	4	167
Shrub Sarcococca confusa a Sweet Box 20-30 2L Bushy: 4 brks 10.00 4 84 Shrub Skimmia japonica 'Rubella' Japanese Skimmia 'Rubella' 30-40 3L Bushy: 3 brks 10.00 4 84 Shrub Viburnum davidii David Viburnum David Viburnum 20-30 3L Bushy: 3 brks 20.00 4 1157 Meadow Seed Mixture for Swales Common Name Girth/ Dia. cm Height cm Root Zone Specification Mix % M Number Wildflower Achillea millefollum Yarrow Girth/ Dia. cm Height cm Root Zone Seed; British native-origin 0.50 5 Grass Agrostis capillaris Common Bent Grass Seed; British native-origin 1.00 4 46 Grass Antoxanthum odoratum Sweet Vernal Grass Grass Seed; British native-origin 1.00 9 46 Grass Antoxanthum odoratum Sweet Vernal Grass Grass Seed; British native-origin 1.00 9 9 Wildflower Betorica officinalis Betor	Shrub	Santolina virens	Green Cotton Lavander		20-30	2L	Bushy; 5 brks	10.00	4	84
Shrub Skimmia japonica 'Rubella' Japanese Skimmia 'Rubella' 30-40 3L Bushy: 3 brks 10.00 4 84 Shrub Viburnum davidii David Viburnum David Viburnum 20-30 3L Bushy: 3 brks 20.00 4 167 Meadow Seed Mixture for Swales Common Name Area: 228.000m² Sow Rate: 4g/m² Amount: 912g Cost: (please input) /g Number Plant Group Botanical Name Common Name Girth/ Dia. cm Height cm Root Zone Specification Mix % Mumber Number Wildflower Achillea millefolium Yarrow Image: Cost: (please input) /g Image: Cost: (ple	Shrub	Sarcococca confusa	a Sweet Box		20-30	2L	Bushy; 4 brks	10.00	4	84
Shrub Viburnum davidii David Viburnum David Viburnum 20:00 3L Bushy: 3 brks 20:00 4 167 Meadow Seed Mixture for Swales Krea: 228:000m² Sow Rate: 4g/m² Amount: 912g Cost: (please input) /g Mix % A Number Plant Group Botanical Name Common Name Girth/ Dia. cm Height cm Root Zone Specification Mix % A Number Wildflower Achillea millefollum Yarrow Image: Common Bent Seed; British native-origin 5.00 Image: Common Bent Image: Common Be	Shrub	Skimmia japonica 'Rubella'	Japanese Skimmia 'Rubella'		30-40	3L	Bushy; 3 brks	10.00	4	84
Meadow Seed Mixture for Swales Area: 228.000m² Sow Rate: 4g/m² Amount: 912g Cost: (please input) /g Plant Group Botanical Name Common Name Girth/ Dia. cm Height cm Root Zone Specification Mix % Number Wildflower Achillea millefolium Yarrow Image: Cost: (please input) /g Seed; British native-origin 0.50 5 Grass Agrotis capillaris Common Bent Image: Cost: (please input) /g Seed; British native-origin 12.00 109 Grass Alopecurus pratensis Meadow Foxtail Image: Cost: (please input) /g Seed; British native-origin 5.00 46 Grass Anthoxanthum odoratum Sweet Vernal Grass Image: Cost: (please input) /g Seed; British native-origin 1.00 9 Wildflower Betonica officinalis Betony Image: Cost:	Shrub	Viburnum davidii	David ∀iburnum		20-30	3L	Bushy; 3 brks	20.00	4	167
Plant GroupBotanical NameCommon NameGirth/ Dia. cmHeight cmRoot ZoneSpecificationMix %NumberWildflowerAchillea millefoliumYarrowSeed; British native-origin0.505GrassAgrostis capillarisCommon BentSeed; Commercial-origin12.00109GrassAlopecurus pratensisMeadow FoxtallSeed; British native-origin5.0046GrassAnthoxanthum odoratumSweet Vernal GrassIcoSeed; British native-origin1.009WildflowerBetonica officinalisBetonyIcoIcoSeed; British native-origin0.505	Meadow	Seed Mixture for Swales		Area: 228.000m ²	Sow Rate:	4g/m² Amo	unt: 912g Cost: (please input) /g			
Wildflower Achillea millefolium Yarrow Image: Common Bent Seed; British native-origin 0.50 5 Grass Agostis capillaris Common Bent Image: Common Cal-Origin 12.00 109 Grass Alopecurus pratensis Meadow Foxtall Image: Common Cal-Origin 5.00 46 Grass Anthoxanthum odoratum Sweet Vernal Grass Image: Common Cal-Origin 1.00 9 Wildflower Betonica officinalis Betony Image: Common Cal-Origin 1.00 5	Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %		Number
Grass Agrostis capillaris Common Bent Image: Common Bent Seed; commercial-origin 12.00 109 Grass Alopecurus pratensis Meadow Foxtail Seed; British native-origin 5.00 46 Grass Anthoxanthum odoratum Sweet Vernal Grass Seed; British native-origin 1.00 9 Wildflower Betonica officinalis Betony Seed; British native-origin 0.50 5	Wildflower	Achillea millefolium	Yarrow				Seed; British native-origin	0.50		5
Grass Alopecurus pratensis Meadow Foxtail Seed: British native-origin 5.00 46 Grass Anthoxanthum odoratum Sweet Vernal Grass Seed: British native-origin 1.00 9 Wildflower Betonica officinalis Betony Seed: British native-origin 0.50 5	Grass	Agrostis capillaris	Common Bent		· · · · · · · · · · · · · · · · · · ·	ner ber ner ser en	Seed; commercial-origin	12.00		109
Grass Anthoxanthum odoratum Sweet Vernal Grass Seed; British native-origin 1.00 9 Wildflower Betonica officinalis Betony Seed; British native-origin 0.50 5	Grass	Alopecurus pratensis	Meadow Foxtail				Seed; British native-origin	5.00		46
Wildflower Betonica officinalis Betony Seed; British native-origin 0.50 5	Grass	Anthoxanthum odoratum	Sweet Vernal Grass				Seed; British native-origin	1.00	1	9
	Wildflower	Betonica officinalis	Betony				Seed; British native-origin	0.50		5



Wildflower	Centaurea nigra	Common Knapweed		[Seed; British native-origin	1.00	9
Grass	Cynosurus cristatus	Crested Dog's-tail	ant men men men men men men men. Der som	1 and and manifest that the star that had not not not not and	It is an	Seed; commercial-origin	36.00	328
Grass	Deschampsia cespitosa	Tufted Hair Grass				Seed; British native-origin	1.00	9
Grass	Festuca rubra juncea	Slender Creeping Red Fescue				Seed; commercial-origin	25.00	228
Wildflower	Filipendula vulgaris	Dropwort			-	Seed; British native-origin	1.00	9
Wildflower	Galium verum	Lady's Bedstraw				Seed; British native-origin	1.60	15
Wildflower	Leucanthemum vulgare	Ox-eye Daisy				Seed; British native-origin	1.50	14
Wildflower	Lotus pedunculatus	Greater Bird's-foot Trefoil				Seed; British native-origin	0.30	3
Wildflower	Plantago lanceolata	Ribwort Plantain				Seed; British native-origin	1.00	9
Wildflower	Primula veris	Cowslip		Ι		Seed; British native-origin	1.00	9
Wildflower	Prunella vulgaris	Selfheal				Seed; British native-origin	2.00	18
Wildflower	Ranunculus acris	Meadow Buttercup				Seed; British native-origin	3.00	27
Wildflower	Rhinanthus minor	Yellow Rattle				Seed; British native-origin	1.60	15
Wildflower	Rumex acetosa	Common Sorrel				Seed; British native-origin	1.20	11
Wildflower	Silaum silaus	Pepper Saxifrage				Seed; British native-origin	1.50	14
Wildflower	Silene flos-cuculi	Ragged Robin				Seed; British native-origin	0.30	3
Wildflower	Succisa pratensis	Devil's Bit Scabious				Seed; British native-origin	0.20	2
Wildflower	Vicia cracca	Tufted ∀etch				Seed; British native-origin	1.80	16
General	ourpose turf seed mix	(Area: 1945.000m ³	² Sow Rate:	50g/m² Am	nount: 97250g Cost: (please input) /g		
Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	Number

Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	Number
Grass	Agrostis castellana	Highland Bent				Seed; commercial-origin	10.00	9725
Grass	Festuca rubra juncea	Slender Creeping Red Fescue				Seed; commercial-origin	50.00	48625
Grass	Lolium perenne	Perennial Rye Grass				Seed; commercial-origin	20.00	19450
Grass	Poa pratensis	Smooth-stalked Meadow Grass				Seed; commercial-origin	20.00	19450

Standard General Purpose Meadow Seed Mix

Area: 662.000m² Sow Rate: 4g/m² Amount: 2648g Cost: (please input) /g

Plant Group	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	Number
Wildflower	Achillea millefolium	Yarrow				Seed; British native-origin	0.50	13
Grass	Agrostis capillaris	Common Bent				Seed; commercial-origin	8.00	212
Wildflower	Centaurea nigra	Common Knapweed			an a	Seed; British native-origin	0.50	13
Grass	Cynosurus cristatus	Crested Dog's-tail				Seed; commercial-origin	40.00	1059
Wildflower	Daucus carota	Wild Carrot				Seed; British native-origin	1.00	26
Grass	Festuca rubra juncea	Slender Creeping Red Fescue			1 42 14 14 14 14 14 14 14 14 14 14 14 14 14	Seed; commercial-origin	28.00	741
Wildflower	Galium verum	Lady's Bedstraw				Seed; British native-origin	2.50	66
Wildflower	Knautia arvensis	Field Scabious				Seed; British native-origin	1.00	26
Wildflower	Leucanthemum vulgare	Ox-eye Daisy		and a property control of the solution of the		Seed; British native-origin	2.00	53
Wildflower	Lotus corniculatus	Bird's-foot Trefoil				Seed; British native-origin	0.20	5
Grass	Phleum bertolonii	Smaller Cat's-Tail	and the same and			Seed; commercial-origin	4.00	106
Wildflower	Plantago lanceolata	Ribwort Plantain				Seed; British native-origin	1.00	26
Wildflower	Primula veris	Cowslip	one can can can can an an an an and the finance has her her her her her set and and and and an ar		of the last last last last last last last last	Seed; British native-origin	1.50	40
Wildflower	Prunella vulgaris	Selfheal				Seed; British native-origin	2.50	66
Wildflower	Ranunculus acris	Meadow Buttercup	And		an ang an ang ang ang ang ang ang ang an	Seed; British native-origin	3.00	79
Wildflower	Ranunculus bulbosus	Bulbous Buttercup	ann			Seed; British native-origin	2.00	53
Wildflower	Rhinanthus minor	Yellow Rattle		1	er en lien han han han han sait sait sait sait sait sait sait sait	Seed; British native-origin	1.50	40
Wildflower	Rumex acetosa	Common Sorrel	eller eller eller eller eller elle Tall ville elle velle veller eller eller eller elle elle			Seed; British native-origin	0.80	21