Sheet Name	Site Details
1. Planning authority:	
2. Site name:	Hooke Farm, Effingham
3. Applicant:	
4. Planning application type:	Full planning consent
5. Planning application reference:	
6. Metric completed by (name & job title):	Digby Hayden, Consultant Ecologist
7. Date of metric completion:	06 December 2023
8. Revision number:	1
9. Masterplan document title / drawing number:	

Net Gain Targets

10. Targeted % increase in Units	*10a. Habitat*	10.00
	10b. Hedgerow	10.00
	10c. Watercourses	10.00

11. Targeted increase in Units if baseline value is zero - agreed with local planning authority	*11a. Habitat units*	0.00
	11b. Hedgerow units	0.00
	11c. Watercourse units	0.00

For planning authority use only

12. Planning authority reviewer:	
13. Date of planning authority review:	

Site Name:	Hooke Farm, Effingham
Sheet Name	Desktop Assessment

Development

14. Select the type of proposed development. If Other provide details at Q.25 below	Residential	Site area must be less than 10,000 m2
15. Site area (m²)	4574.65	
N/A		
17. Number of dwellings proposed within the development site	Between 1 - 9 dwellings	

Designated sites and priority habitats

18. Any designated sites on or within 500m of the site?	No	
19. Any priority habitats on or within 500m of the site?	Within 500m of site boundary	Consider using main metric tool ⚠
20. List the designated sites and/or priority habitats	Woodpastre and Parkland, Deciduous woodland	
21. Information sources used for assessment of designated sites and priority habitats (See guidance)	magic.defra.gov.uk.	

Site walkover

22. Site walkover completed?	Walkover completed by qualified ecologist	
23. Date of site walkover - DD/MM/YY	17/11/2023	Site walkover data valid until 17/05/24
24. Who completed the walkover? (Name and job title)	Digby Hayden, Consultant Ecologist	

Additional details

25. Any additional information or notes	

Site Name	Hooke Farm, Effingham		All Key Rules Satisfied ✔	Lost Units	0.4756
Sheet Name	5. Area Habitats			Created Units	0.3274
				Enhancement Units	1.7477
				Net Change	0.6504

Instructions:
1. Enter data into 1a. Baseline habitats table
2. Enter data on habitats to be created into 1b. Habitats to be created
3. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced
4. Enter data on individual trees into 1d. Tree area calculator

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Areas (m²)			Baseline results			Comments	
	A. Broad Habitat	B. Habitat type		D. Total Area	E. Area retained	F. Area enhanced	Total habitat units onsite	Area Lost	Units lost	User comments	LPA comments
1	Urban	Developed land; sealed surface	Area/compensation not in local strategy/ no local strategy	1319.48			0.00	1319.48	0.000		
2	Grassland	Modified grassland	Area/compensation not in local strategy/ no local strategy	2607.28		1418.29	1.04	1188.99	0.476		
3	Grassland	Other neutral grassland	Area/compensation not in local strategy/ no local strategy	477.21		477.21	0.38	0.00	0.000		
4	Heathland and shrub	Bramble scrub	Area/compensation not in local strategy/ no local strategy	170.68	170.68		0.07	0.00	0.000		
5											
6											
7											
8											
9											
10											
11											
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13											
14											
15											
16											
17											
18											
19											
20											
Trees	Individual trees	Urban/rural tree	Formally identified in local strategy	0.00	0.00		0.0000	0.00	0.0000		

Totals (areas excl trees, green walls and intertidal hard structures)	4574.65	170.68	1895.50	1.4930	2508.47	0.4756
Error Check 1	Areas Acceptable ✔					
Error Check 2	Areas Acceptable ✔					
Error Check 3	Areas Acceptable ✔					

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Condition Assessment		D. Strategic significance	E. Total Area (m²)	Habitat units created onsite	Comments	
			Acceptable condition options	C. Targeted condition				User comments	LPA comments
1	Urban	Developed land; sealed surface	N/A - Other	N/A - Other	Area/compensation not in local strategy/ no local strategy	955.31	0.0000		
2	Urban	Vegetated garden	Condition Assessment N/A	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	1373.58	0.2651		
3	Grassland	Modified grassland	Moderate, Good	Moderate	Area/compensation not in local strategy/ no local strategy	179.58	0.0623		
4									
5									
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19									
20									
Trees	Individual trees	Urban/rural tree	Moderate	Moderate	Area/compensation not in local strategy/ no local strategy	0.00	0.0000		

Totals (areas excl trees, green walls and intertidal hard structures)	2508.47	0.3274
Error Check 4	Areas Acceptable ✔	

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhanced Habitat type		B. Strategic significance	Area Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
	Broad habitat type	Existing habitat type	Enhancement Type	A. Enhanced habitat type						User comments	LPA comments
1											
2	Grassland	Modified grassland	Distinctiveness	Other neutral grassland	Area/compensation not in local strategy/ no local strategy	1418.29	Good	1.2322	0.6649		
3	Grassland	Other neutral grassland	Condition	Other neutral grassland	Area/compensation not in local strategy/ no local strategy	477.21	Good	0.5154	0.1337		
4											
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20											

Totals (areas excl trees, green walls and intertidal hard structures)	1895.50		1.7477	0.7986

1d. - Tree area calculator

Tree size (Diameter at breast height)	A. Total number of trees pre development	B. Number of trees retained (but not enhanced)	C. Number of new trees planted post development	Areas		
				Area pre development	Area retained	Area of new trees planted post development
Small - DBH ≤ 30cm				0	0	0
Medium - DBH > 30 to ≤ 60cm				0	0	0
Large - DBH > 60 to ≤ 90cm				0	0	0
Very Large - DBH > 90cm				0	0	0
Total	0	0	0	0	0	0

Data beyond this row is automated

1e . Trading Summary

Broad Habitat Type - Medium Distinctiveness Habitats	Trading Rules Satisfied ✔
Medium and Low Distinctiveness Band	Trading Rules Satisfied ✔

1f . Habitat trading assessment

Broad habitat types	Distinctiveness band	Baseline units	Onsite provision	Net change	Trading satisfied?
Cropland	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Grassland	Low	1.0429	0.0623	-0.9806	
	Medium	0.3818	1.7477	1.3659	Yes ✓
Heathland and shrub	Low	0.0000	0.0000	0.0000	-
	Medium	0.0683	0.0683	0.0000	Yes ✓
Intertidal hard structures	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Intertidal sediment	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Lakes	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Sparsely vegetated land	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Urban	Low	0.0000	0.2651	0.2651	-
	Medium	0.0000	0.0000	0.0000	N/A
Woodland and forest	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Coastal saltmarsh	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Individual trees	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A

Distinctiveness band	Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness	0.4500	1.816	1.3659	Yes ✓
Low distinctiveness	1.0429	0.327	-0.7155	Yes ✓
Surplus area habitat biodiversity units after offsetting low distinctiveness units		0.6504		Yes ✓

Instructions:
1. Enter data into 1a. Baseline habitats
2. Enter data on habitats to be created into 1b. Habitats to be created
3. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced

All Key Rules Satisfied ✓

Retained Units	0.5640
Lost Units	0.0000
Created Units	0.0870
Enhancement Units	0.0000
Net Change	0.0870

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Length (m)			Baseline results			Comments	
	A. Broad Habitat	B. Habitat type		D. Total Length	E. Length retained	F. Length enhanced	Total units onsite	Length Lost	Units lost	User comments	LPA comments
1	Hedgerows and Lines of trees	Native hedgerow with trees	Area/compensation not in local strategy/ no local strategy	33.00	33.00		0.2640	0.00	0.0000		
2	Hedgerows and Lines of trees	Native hedgerow	Area/compensation not in local strategy/ no local strategy	21.00	21.00		0.0840	0.00	0.0000		
3	Hedgerows and Lines of trees	Native hedgerow	Area/compensation not in local strategy/ no local strategy	54.00	54.00		0.2160	0.00	0.0000		
4	Hedgerows and Lines of trees										
5	Hedgerows and Lines of trees										
6	Hedgerows and Lines of trees										
7	Hedgerows and Lines of trees										
8	Hedgerows and Lines of trees										
9	Hedgerows and Lines of trees										
10	Hedgerows and Lines of trees										
11	Hedgerows and Lines of trees										
12	Hedgerows and Lines of trees										
13	Hedgerows and Lines of trees										
14	Hedgerows and Lines of trees										
15	Hedgerows and Lines of trees										
16	Hedgerows and Lines of trees										
17	Hedgerows and Lines of trees										
18	Hedgerows and Lines of trees										
19	Hedgerows and Lines of trees										
20	Hedgerows and Lines of trees										
	Totals			108.00	108.00	0.00	0.5640	0.00	0.0000		
	Error Check 1			Lengths Acceptable ✓							
	Error Check 2			Lengths Acceptable ✓							

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Condition Assessment		D. Strategic significance	E. Total Length created (m)	Units created on-site	Comments	
			Acceptable condition options	C. Targeted condition				User comments	LPA comments
1	Hedgerows and Lines of trees	Native hedgerow	Moderate, Good	Moderate	Area/compensation not in local strategy/ no local strategy	26.00	0.0870		
2	Hedgerows and Lines of trees								
3	Hedgerows and Lines of trees								
4	Hedgerows and Lines of trees								
5	Hedgerows and Lines of trees								
6	Hedgerows and Lines of trees								
7	Hedgerows and Lines of trees								
8	Hedgerows and Lines of trees								
9	Hedgerows and Lines of trees								
10	Hedgerows and Lines of trees								
11	Hedgerows and Lines of trees								
12	Hedgerows and Lines of trees								
13	Hedgerows and Lines of trees								
14	Hedgerows and Lines of trees								
15	Hedgerows and Lines of trees								
16	Hedgerows and Lines of trees								
17	Hedgerows and Lines of trees								
18	Hedgerows and Lines of trees								
19	Hedgerows and Lines of trees								
20	Hedgerows and Lines of trees								
	Totals					26.00	0.0870		
	Error Check 1					Lengths Acceptable ✓			

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhanced Habitat type		B. Strategic significance	Length Enhanced (m)	Enhanced Condition	Total Units	Net Improvement	Comments	
	Broad habitat type	Existing habitat type	Enhancement Type	A. Enhanced habitat type						User comments	LPA comments
1											
2											
3											
4											
5											
6											
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10											
11											
12											
13											
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15											
16											
17											
18											
19											
20											
	Totals					0.00		0.0000	0.0000		

Data beyond this row is automated

1e . Trading Summary

Distinctiveness and Habitat Type	Trading Rules Satisfied ✓

1f . Habitat trading assessment

Broad habitat type	Distinctiveness	Habitat type	Baseline units	Onsite provision	Net change	Trading satisfied?
Hedgerows and Lines of trees	Medium	Species-rich native hedgerow	0.0000	0.0000	0.0000	Yes ✓
		Native hedgerow - associated with bank or ditch	0.0000	0.0000	0.0000	
		Native hedgerow with trees	0.2640	0.2640	0.0000	
		Ecologically valuable line of trees	0.0000	0.0000	0.0000	
		Ecologically valuable line of trees - associated with bank or ditch	0.0000	0.0000	0.0000	
		Sum	0.2640	0.2640	0.0000	
	Low	Native hedgerow	0.3000	0.3870	0.0870	Yes ✓
		Line of trees	0.0000	0.0000	0.0000	
		Line of trees - associated with bank or ditch	0.0000	0.0000	0.0000	
		Sum	0.3000	0.3870	0.0870	
	Very low	Non-native and ornamental hedgerow	0.0000	0.0000	0.0000	Yes✓

Surplus medium distinctiveness units to offset low and very low distinctiveness units	0.0000
Cumulative surplus of units after offsetting low distinctiveness units	0.0870
Cumulative surplus of units after offsetting very low distinctiveness units	0.0870