

Appendices for Ecology Proof of Evidence

of

Dr Aidan Marsh

BSc PhD CEnv CEcol MCIEEM

December 2024

**Land North-east of Humber Doucy Lane,
Ipswich, Suffolk**

LPA Refs: 24/00172/OUTFL

& DC/24/0771/OUT

Pins Ref: APP/X3540/W/24/3350673

On behalf of
Barratt David Wilson & Hopkins Homes

Report No: CSA/6675/09

This report may contain sensitive ecological information. It is the responsibility of the Local Authority to determine if this should be made publicly available.

Report Reference	Revision	Date	Prepared by	Approved by	Comments
CSA/6675/09	-	18/12/2024	CH	AM	



APPENDICES

Appendix A: Winter Bird Survey Results (Nov-Dec 2024)

Appendix B: Essex Cost Sites: Zone of Influence (CSA/6675/103)

Appendix C: Illustrative Landscape Strategy Plan (CSA/6675/116A)

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Appendix E: Local Public Right of Way Network (CSA/6675/127)

Appendix A

Wintering Bird Survey Results

(Nov-Dec 2024)

WINTERING BIRD SURVEY RESULTS 2024

Table 1. Weather conditions for wintering bird surveys

Date	Start time	End time	Temp (°C)		Cloud (Oktas)	Rain (mm)	Wind (Beaufort scale)	Visibility
			Start	End				
29/10/24	06:30	09:00	12	13	8/7	0	2-2	Good
16/11/24	07:25	10:05	6	7	8/7	0	3-3	Good
28/11/24	17:00	20:00	5	3	8/7	0	2-3	Good

Table 2. Bird species recorded at the Site during the wintering bird surveys

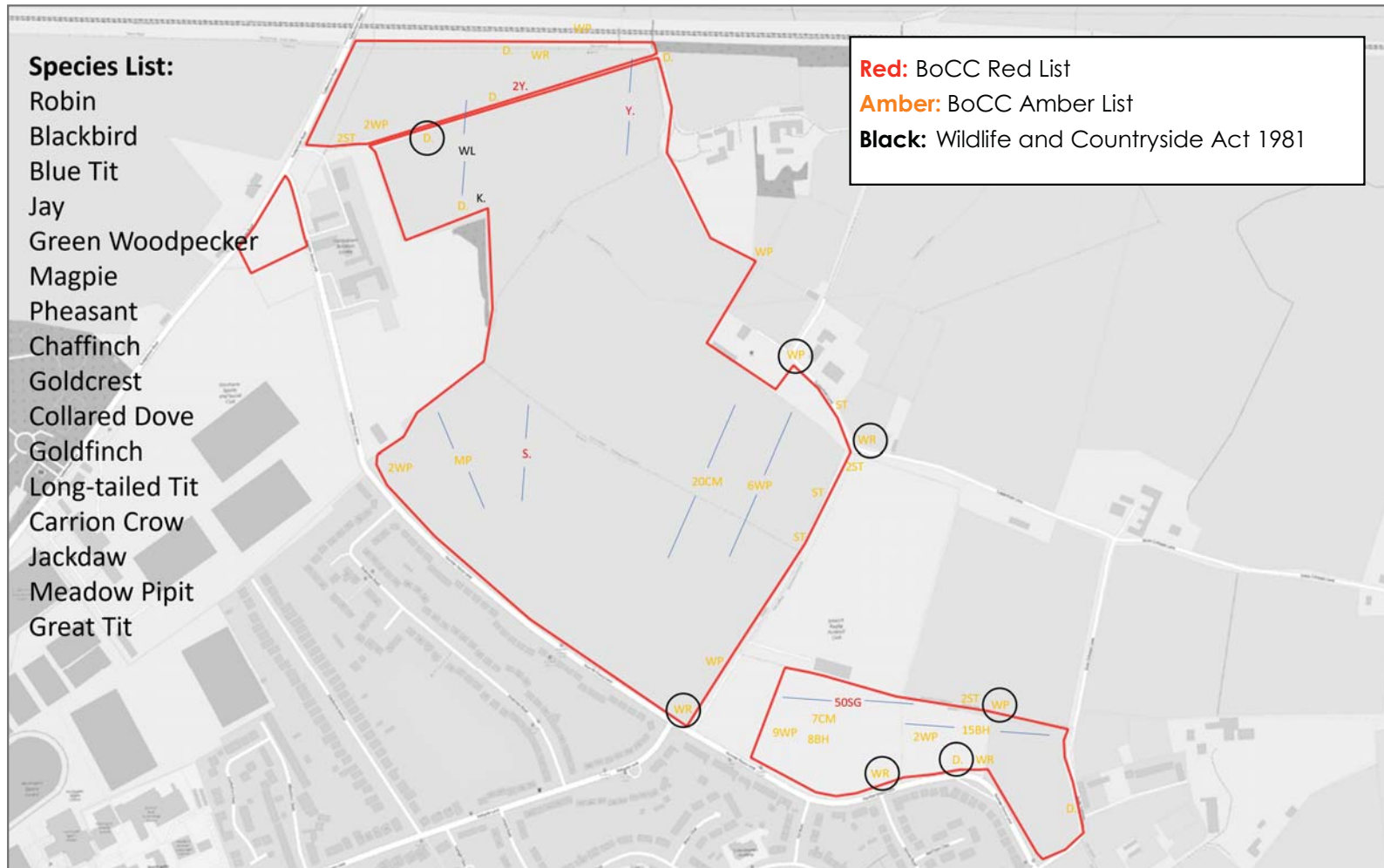
Species	BoCC Red List	BoCC Amber List	Section 41	Sch 1	Species Recorded during Survey:		
					1	2	3
					29/10/2024	16/11/2024	28/11/2024
Blackbird					X	X	
Blue tit					X	X	
Carrion crow					X	X	
Chaffinch					X		
Collared dove					X	X	
Fieldfare	•			•		X	
Goldcrest					X		
Goldfinch					X	X	
Great spotted woodpecker						X	
Great tit					X	X	
Green woodpecker					X	X	
Jackdaw					X		
Jay					X		
Long-tailed tit					X	X	
Magpie					X	X	
Meadow pipit		•			X		
Pheasant					X		
Pied wagtail						X	
Redwing		•		•		X	X
Robin					X	X	
Skylark	•						X
Woodcock	•						X

Abbreviations:

BOCC Red List: Red List of Birds of Conservation Concern 4

Section 41: Listed as a priority species under Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006

Sch1: Schedule 1 (Part 1) of the Wildlife and Countryside Act 1981



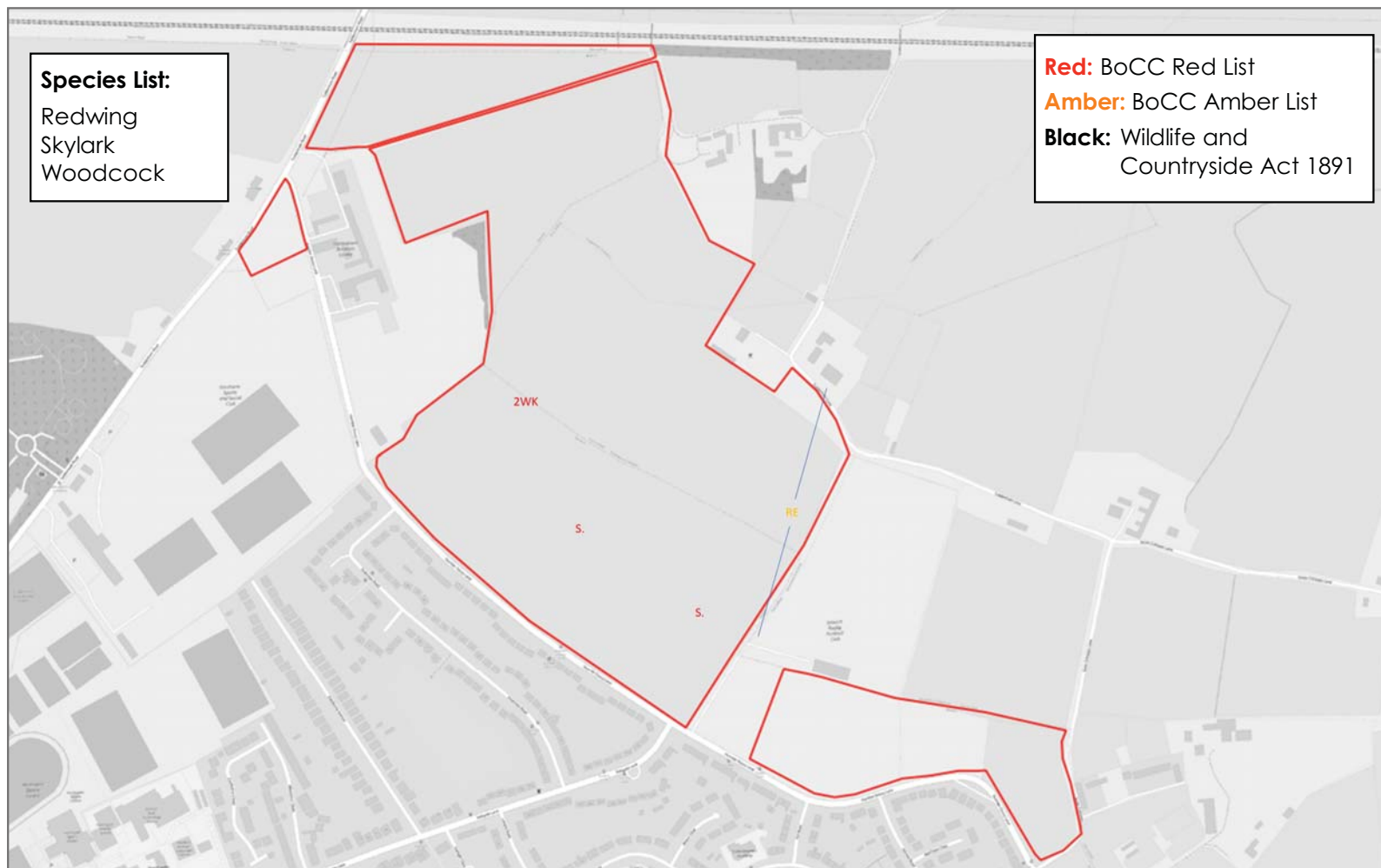
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Project	Land East of Humber Doucy Lane, Ipswich	Date	December 2024	Drawing No.	CSA/6675/126a
Drawing Title	Wintering Bird Plan 2024 - Survey 1 (29/10/2024)	Scale	Refer to scale	Rev	-
Client	Barratt David Wilson & Hopkins Homes	Drawn	RG	Checked	CH



Site boundary

0 100 200 m

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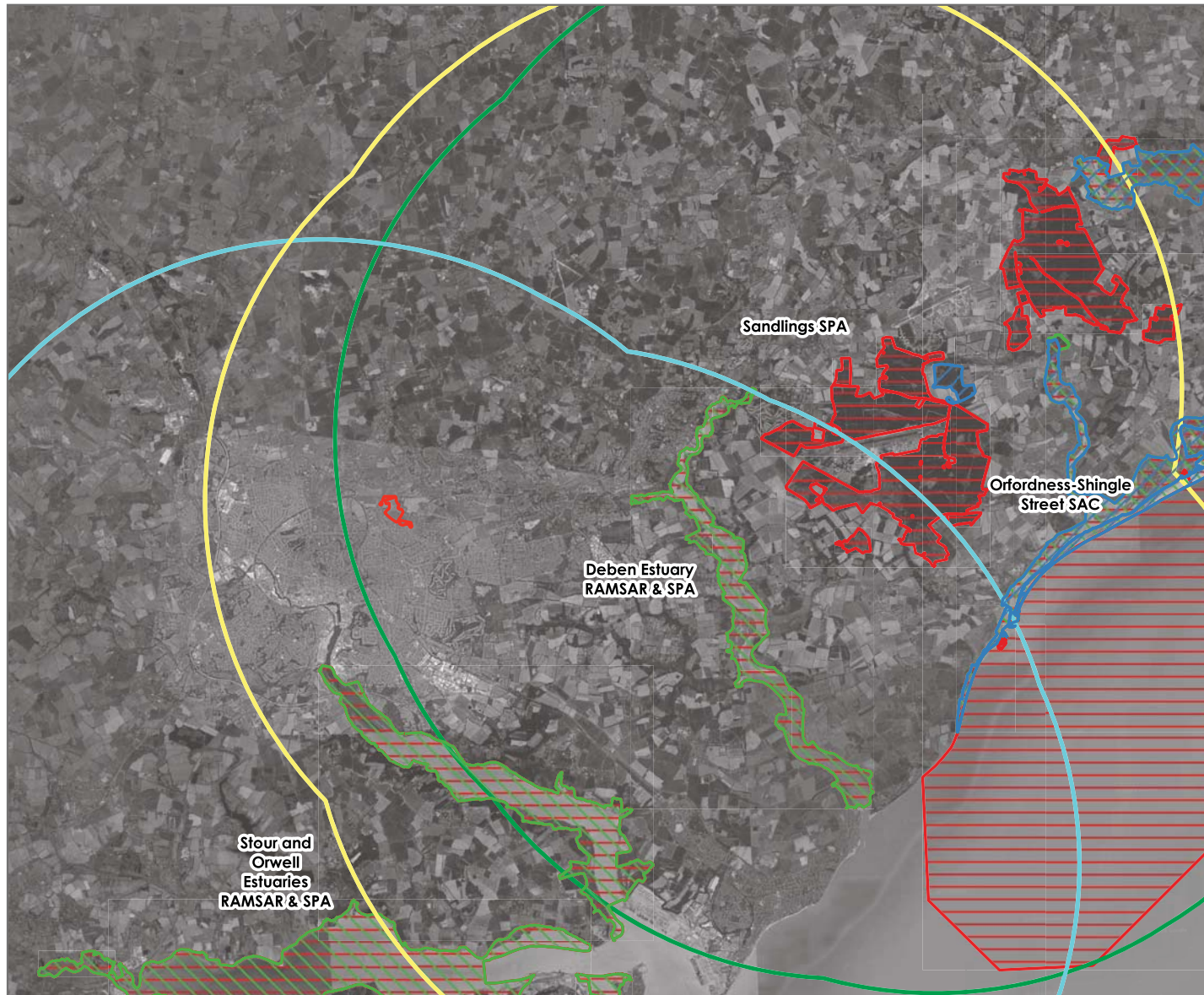
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Project	Land East of Humber Doucy Lane, Ipswich	Date	December 2024	Drawing No.	CSA/6675/126c
Drawing Title	Wintering Bird Plan 2024 - Survey 3 (29/11/2024)	Scale	Refer to scale	Rev	-
Client	Barratt David Wilson & Hopkins Homes	Drawn	RG	Checked	CH

Appendix B

Essex Coast Sites: Zone of Influence

(CSA/6675/103)



- Site boundary
- Special Areas of Conservation (SAC)
- RAMSAR
- Special Protection Areas (SPA)
- Deben Estuary Zone of Influence
- Stour and Orwell Estuaries Zone of Influence
- Sandlings SPA Zone of Influence



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Project	Land East of Humber Doucy Lane, Ipswich	Date	February 2024	Drawing No.	CSA/6675/103
Drawing Title	Essex Coast Sites: Zones of Influence	Scale	Refer to scale	Rev	-
Client	Barratt David Wilson & Hopkins Homes	Drawn	LF	Checked	CH

Appendix C

Illustrative Landscape Strategy Plan

(CSA/6675/116A)

1. Central Village Green

The proposed layout allows for a Village Green space to be provided within the centre of the development area, which is well connected to the Green Trail to the north and east and other public open spaces by green corridors, ensuring easy access to green open spaces for all residents. The central Village Green will allow for various uses, including a dedicated local equipped area of play (LEAP), and providing a flexible amenity lawn for informal kickabouts, picnics and local community events. A formal layout of perimeter trees and hedging will enhance the setting of the Village Green, with species chosen that will provide seasonal interest and colour.



2. Proposed Green Trail Route

The proposals include a generous 'Green Trail' route which runs along the north eastern boundary of the Site and along the existing public footpath in the north of the Site, with new housing set back from the Site boundary in order to create a transition to the wider rural countryside and respect the local landscape character. All of the existing vegetation to the north eastern edge of the Site will be retained as part of the proposals, with new native trees, thickets and structural planting all proposed to enhance the proposed Green Trail, creating a robust Site boundary and further filtering views towards the new development from the surrounding area. Recreational routes are proposed throughout the Green Trail route to provide circular dog-walking routes and connections to the surrounding public rights of way network and facilities. Swales, wildlife ponds and drainage basins will also form an integral part of the Green Trail, combining the Site's proposed green and blue infrastructure.

Indicative planting species are listed below:

Native Trees		Native Hedgerow	
Alder <i>Alnus</i>	Field Maple	<i>Cornus sanguinea</i>	Dogwood
Quercus <i>robur</i>	Oak	<i>Corylus avellana</i>	Hazel
<i>Corylus avellana</i>	Hazel	<i>Crataegus monogyna</i>	Hawthorn
<i>Betula pendula</i>	Silver Birch	<i>Ilex aquifolium</i>	Holly
		<i>Prunus spinosa</i>	Blackthorn
		<i>Rosa canina</i>	Dogrose
Native Thicket			
<i>Prunus spinosa</i>	Blackthorn		
<i>Rosa canina</i>	Dogrose		
<i>Crataegus monogyna</i>	Hawthorn		
<i>Ilex aquifolium</i>	Holly		



3. Spine Road

A tree lined spine road is included in the proposals, alongside with cycleway and footpath through the heart of the new development. A variety of species of ornamental trees are proposed within the roadside verge to provide seasonal interest and benefits to wildlife. Indicative planting species are listed as below:

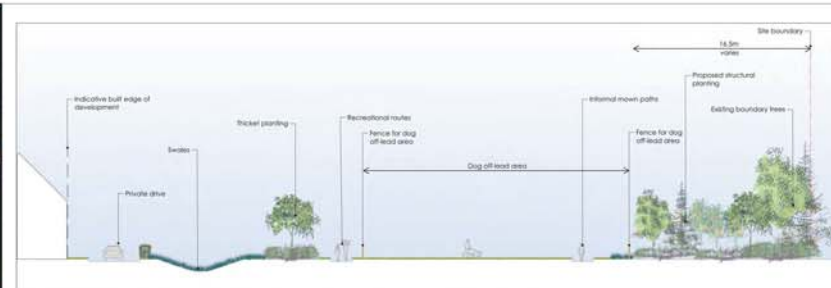
Street Tree Planting	
Alder <i>Alnus</i>	Field Maple <i>Alnus</i>
<i>Corylus betulus</i>	Hornbeam <i>Frax</i>
<i>Prunus avium</i>	Double gean (Wild cherry <i>Prunus</i>)



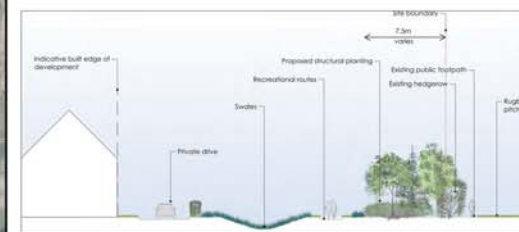
4. Residential Planting

A variety of planting across the Site will achieve a high quality design and help to integrate the new development into the existing landscape framework. The proposal planting will reflect the character of the area and provide an attractive place to live. Proposal planting will be easily maintained and complement the setting of the new housing. Indicative planting species are listed for residential soft landscaping.

Hedgerow Planting	
<i>Cornus betulus</i>	Hornbeam
<i>Ligustrum vulgare</i>	Wild privet
<i>Viburnum tinus</i>	Laurel <i>Prunus</i>
Shrubs	
<i>Spirea japonica</i>	Goldflame
<i>Hebe</i>	Nectar
<i>Lavandula angustifolia</i>	Hyacinth
<i>Rudbeckia hirta</i>	Goldflame



Illustrative Landscape Section A-AA: Section Through North Eastern Boundary: Scale 1:250



Illustrative Landscape Section B-BB: Section Through Eastern Boundary: Scale 1:250

5. Play Strategy

The proposals will include three LEAPs and one MUGA distributed across the scheme, catering for children of all ages and abilities. The LEAP in the south east of the Site will be set within a small community orchard. The play provision along the boundaries of the Site will have more of an informal character, comprising mainly timber equipment and natural play elements to respect the surrounding landscape character. An additional Youth Space will be included next to MUGA, providing space especially for girls.



6. Sustainable Drainage Systems (SUDS)

A series of seasonally wet attenuation infiltration basins are proposed within the open space along the north eastern and southern Site boundaries. The attenuation basins and surrounds will be sown with a native wildflower and grassland mix (tolerant of the seasonally wet conditions) and planted with new marginal planting, providing seasonal interest and benefits for biodiversity and enhancing the green infrastructure. A number of swales are also included in the proposals and located across the scheme for conveyance of stormwater and additional treatment. These will also be sown with wildflower and grassland mixes to further enhance biodiversity. A permanent wet basin is proposed of the site entrance to provide scenic view and a strong sense of arrival.



LEGEND	
	APPLICATION BOUNDARY
	EXISTING TREES / VEGETATION
	TREES / VEGETATION REMOVED
Softworks	
	STRUCTURAL LANDSCAPING
	NATIVE TREES
	ORNAMENTAL TREES
	STREET TREES
	ORCHARD TREES
	NATIVE THICKET MIX
	ORNAMENTAL HEDGE PLANTING
	NATIVE HEDGE PLANTING
	AQUATIC PLANTING
	WILDFLOWER MEADOWS / SPECIES-RICH GRASSLAND
	AMENITY GRASSLAND
	CENTRAL VILLAGE GREEN
	BUILD PLANTING
Sustainable Drainage Systems (SUDS)	
	SWALES
	WETLANDS
	PERMANENT WET BASIN
	PROPOSED POINTS OF CONNECTION
	PUMP STATION
	FENCES FOR DOGS OFF-LEAD AREA
	ACCESS GATE
Play	
	LEAP
	MUGA
	YOUTH SPACE
Routes	
	CYCLEWAY (2m)
	RECREATIONAL ROUTES (2m)
	Hedges with timber edges
	RECREATIONAL ROUTES (2m)
	Public Rights of Way
	QUIET LANE

A 23/02/24 CC Updated to add dog off-lead area and additional youth space

Rev Date By Description

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Project Land north-east of Humber Doucy Lane, Ipswich

Site Illustrative Landscape Strategy

Client Hopkins Homes & Barnatt David Wilson

Scale 1:2000 @ A1 Drawn CC

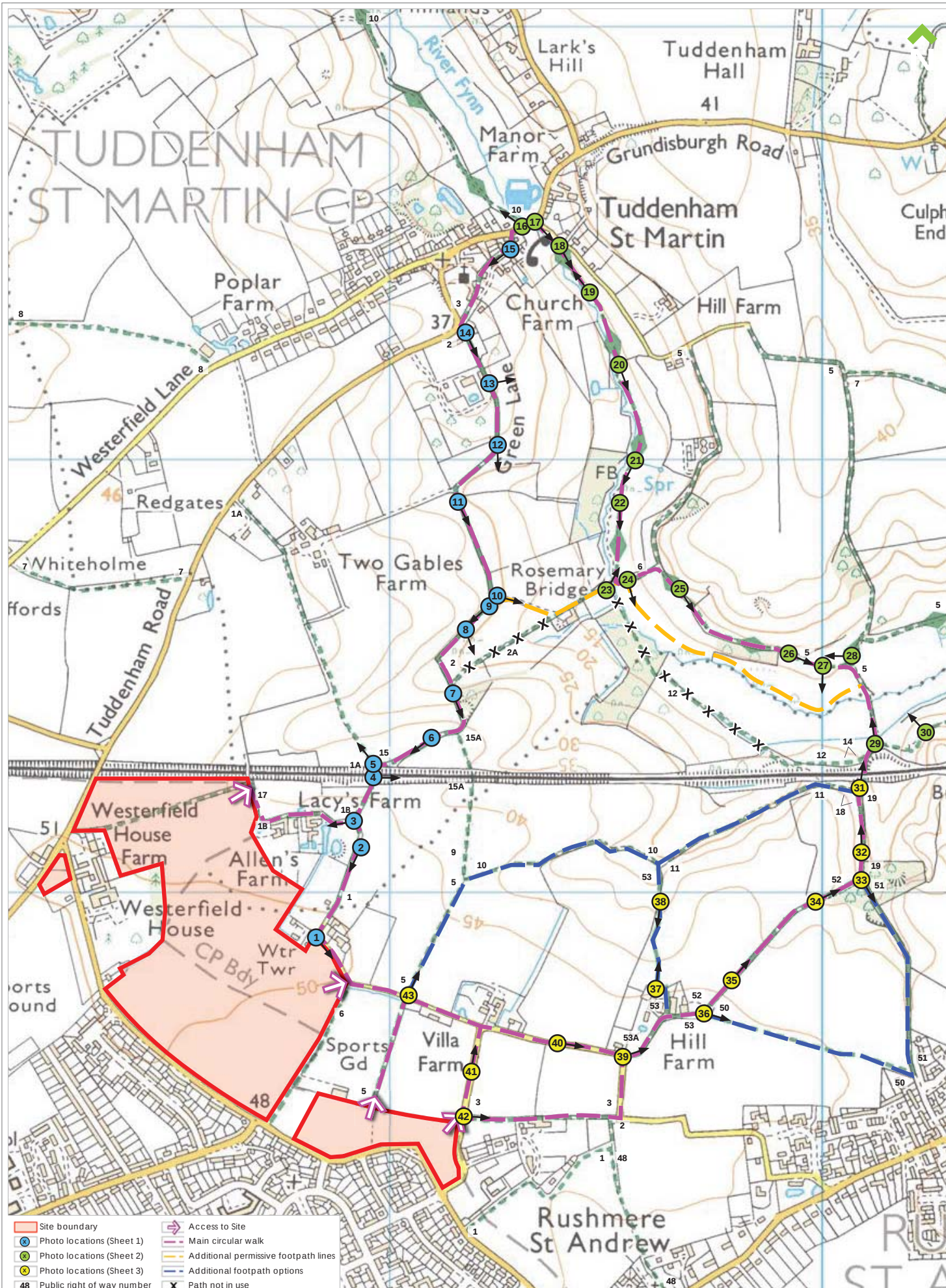
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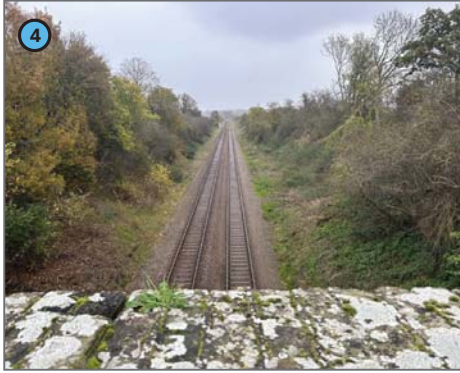
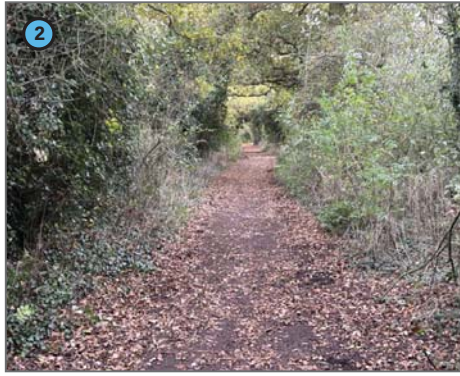
Drawing No: CSA1675/116 Rev A

Appendix D

Illustrated Off-Site Walking Routes

(CSA/6675/125)





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Drawing Title Illustrated Off-site Walking Routes
Client Hopkins Homes & Barratt David Wilson

Date Dec 2024
Scale @ A3 NTS
Drawn GD

Drawing No. CSA/6675/125
Sheet 1
Rev A
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Date Dec 2024
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Drawing No. CSA/6675/125
Sheet 2
Rev A
Checked AM



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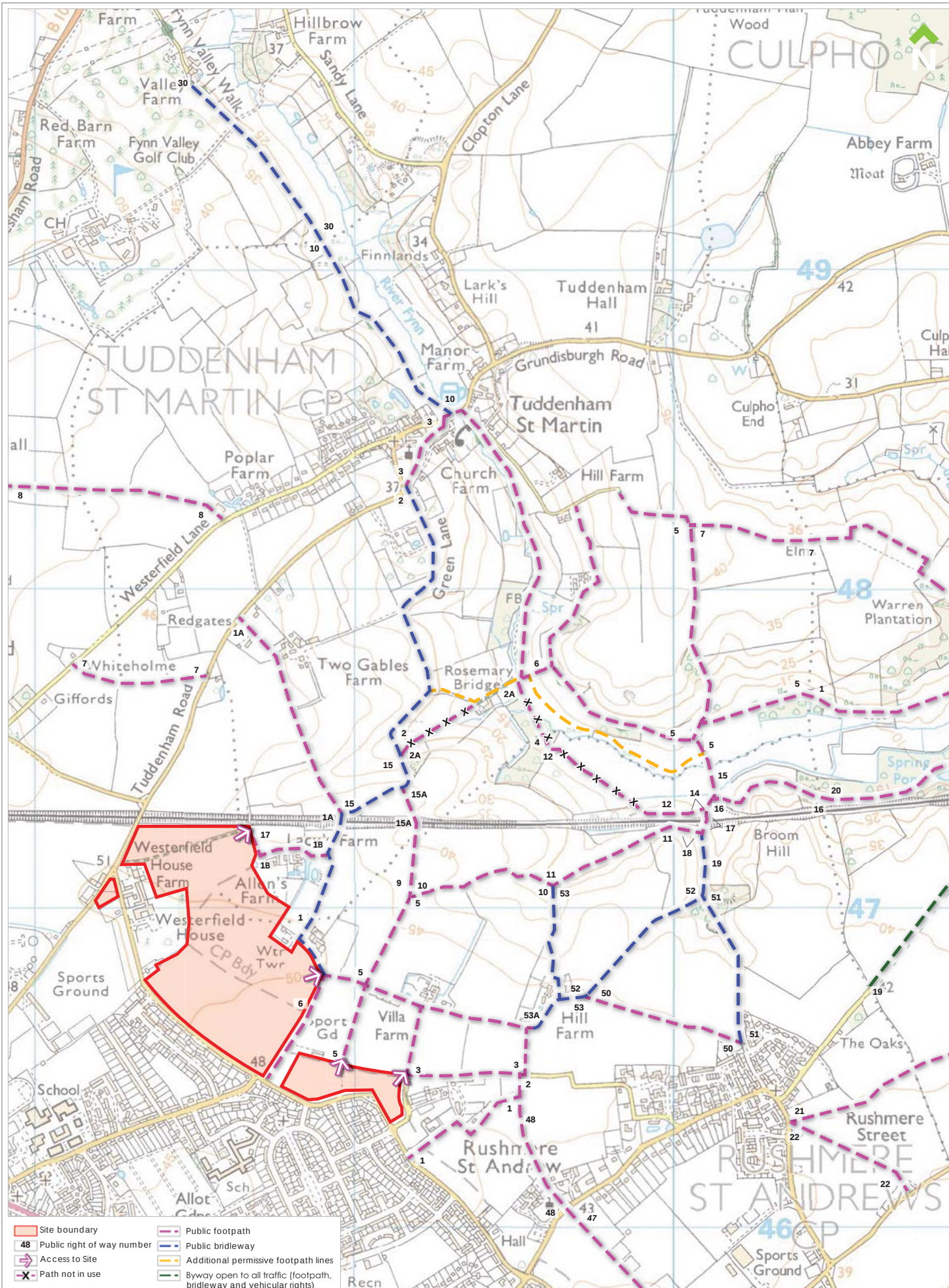
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Sheet 3
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Appendix E

Local Public Right of Way Network

(CSA/6675/127)



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Scale @ A3 NTS
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