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REDWOOD PARTNERSHIP

Consulting Engineers
Transportation Planners



**BROADFIELDS INNOVATION & BUSINESS PARK
TILBURY ROAD
EAST HORNDON
BRENTWOOD
ESSEX
CM13 3LS**

TRANSPORT ASSESSMENT

Volume 3 of 5

on behalf of
MM PROPERTIES (LONDON) LIMITED

PMcL/3386d5/September 2022



Volume 1 of 5

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DRAWINGS

NWA-0503-A20-007 - Indicative Site Layout (Nicholas Webb Architects plc)

REDW-3386-404 – A128 Tilbury Road / Station Road Traffic Signals Layout

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REDW-3386-405 – Site Access Plan

REDW-3386-406 - Accessibility Plan

REDW-3386-407 - Bus Services Accessibility Plan

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REDW-3235-104-B- Approved Roundabout - A128 Tilbury Road/Tilbury Road junction

APPENDIX A

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APPENDIX B

Arcady Results – EHIP Roundabout
Arcady Results – DHGV Roundabout
Arcady Results – A127/A128 Interchange

APPENDIX C

Picady Results existing layout – A128 Tilbury Road/Station Road
Picady Results proposed layout– A128 Tilbury Road/Station Road

APPENDIX D

Linsig Results – A128 Tilbury Road/Station Road Pre-DHGV Development
Linsig Results – A128 Tilbury Road/Station Road Post-DHGV Development

APPENDIX E

Personal Injury Accident Data



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APPENDIX F

TRICS Assessment

NOTES
 1. All dimensions are in metres unless otherwise stated



Site boundary

Indicative site layout (Refer to Nicholas Webb Architect's Drg.No. NWA-0503-A20-007)

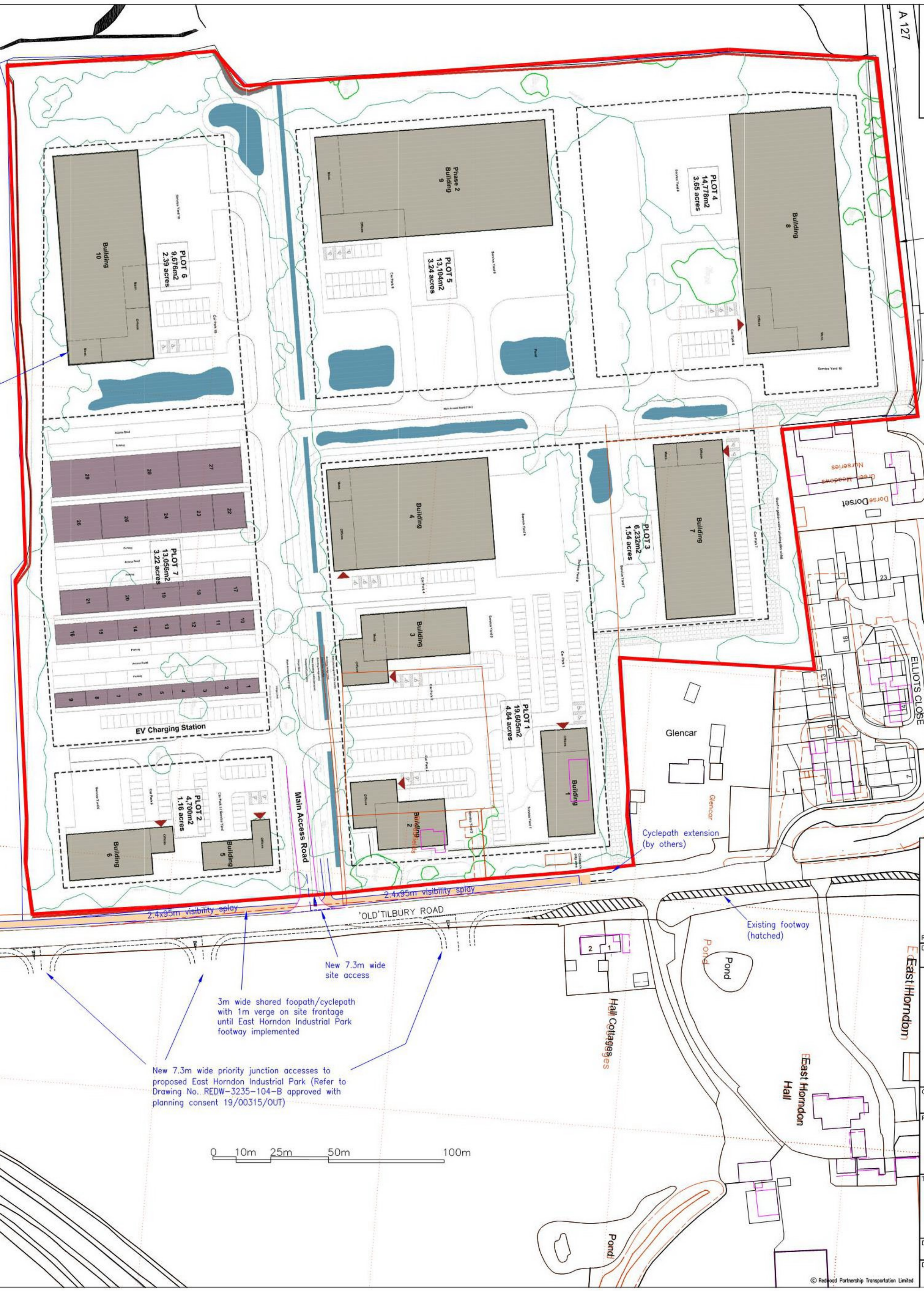
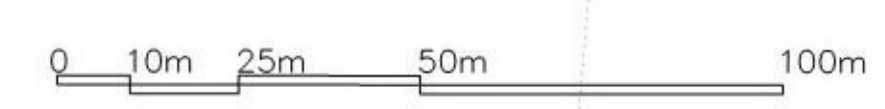
2m wide foopath/cyclepath from roundabout crossing to connect to Station Road Works

3m wide shared foopath/cyclepath with verge from roundabout crossing to NE corner of site until East Horndon Industrial Park footway fully implemented on east side

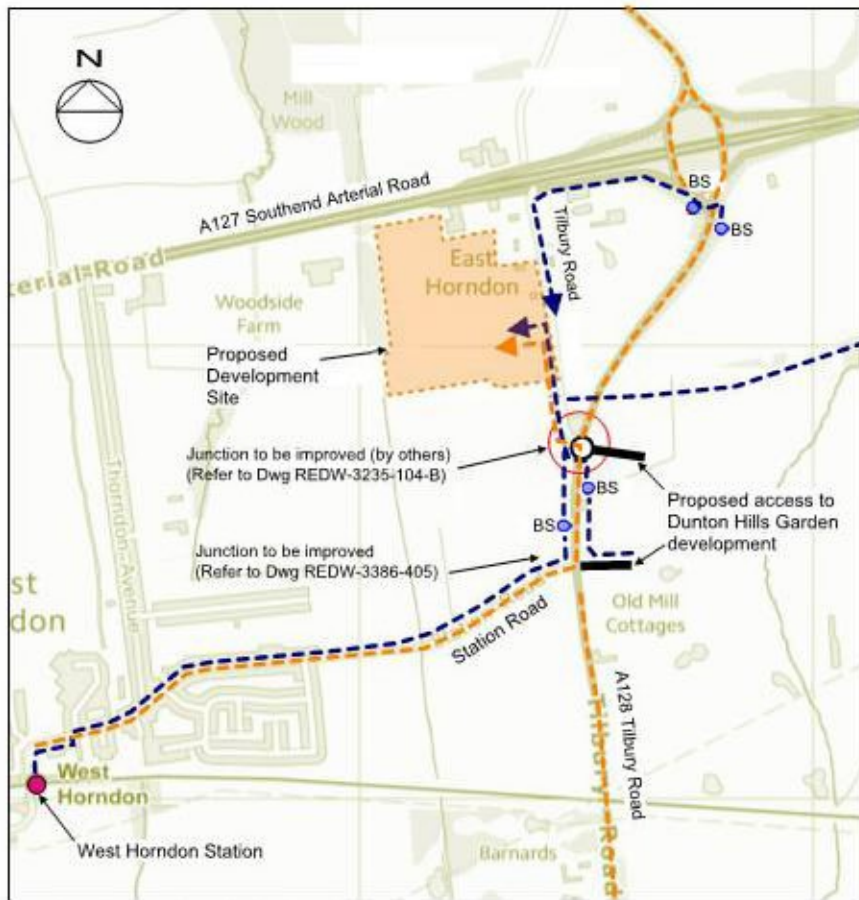
Proposed Station Road traffic signal improvements to junction (Refer to Drawing No. REDW-3386-404)

Roundabout junction improvement implemented with planning permission 19/00315/OUT. (Refer to Drawing No. REDW-3235-104-B)

New 7.3m wide priority junction accesses to proposed East Horndon Industrial Park (Refer to Drawing No. REDW-3235-104-B approved with planning consent 19/00315/OUT)



Rev	Date	Details	Drawn	Check
Drawing Status FOR APPROVAL				
REDWOOD PARTNERSHIP CONSULTING ENGINEERS & TRANSPORTATION PLANNERS				
Maritime House Basin Road North Portslade Brighton East Sussex BN41 1WR www.redwoodpartnership.co.uk				
Client	MM PROPERTIES (LONDON) LIMITED			
Project	BROADFIELDS INOVATION & BUSINESS PARK TILBURY ROAD, BRENTWOOD, ESSEX			
Title	SITE ACCESS PLAN			
Drawn	PL	Scale	1:1000	Date
Sheet	A1			SEPTEMBER 2022
Drawing No.	REDW-3386-405			Rev

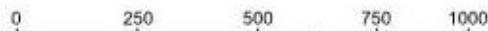


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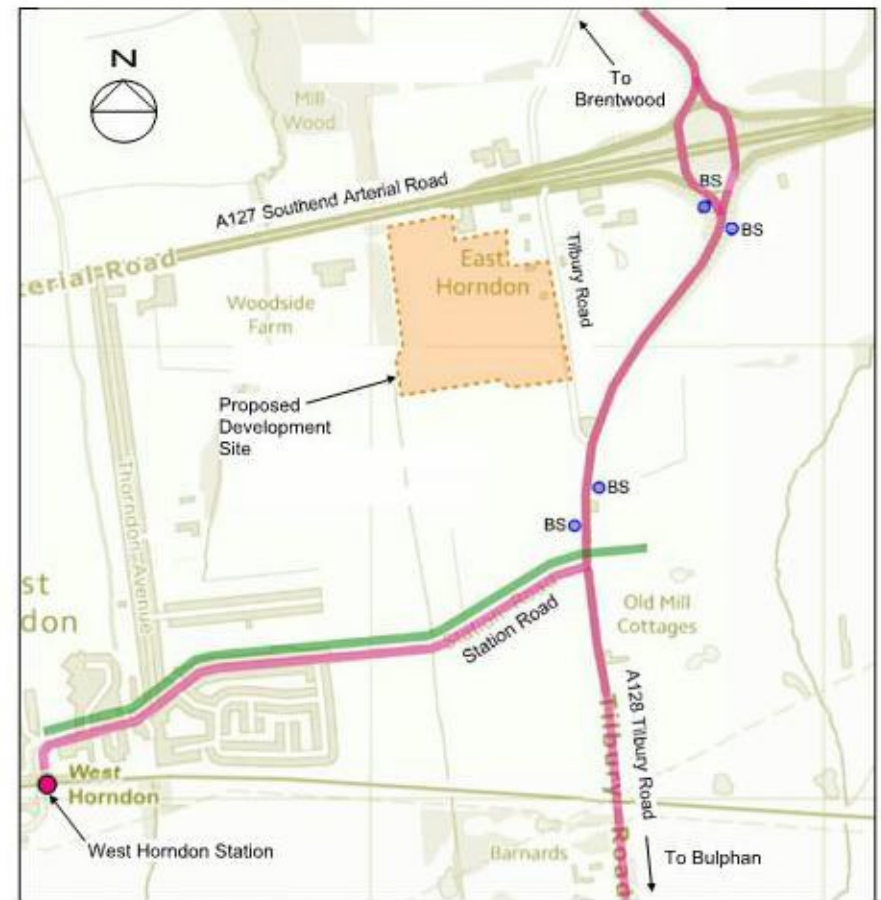
Pedestrian and Cycle routes

KEY

- Pedestrian routes
- Cycle routes
- Bus stop
- Station



Scale (metres)



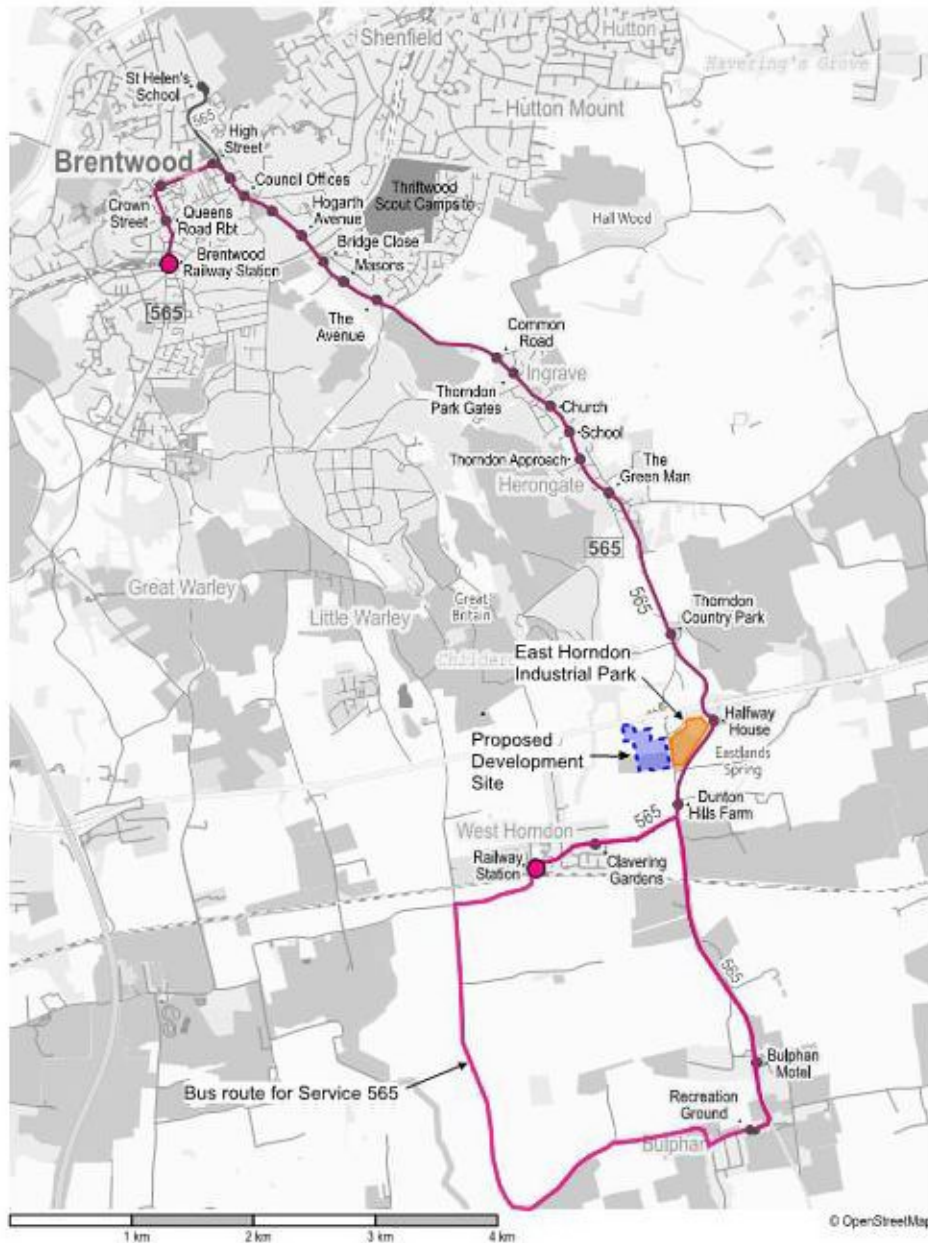
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Bus Service routes

KEY

- Bus route no. 565
- Future Dunton Garden Shuttle Bus (by others)
- Bus stop
- Station

Client MM Properties (London) Limited		Project Broadfields Innovation & Business Park, Tilbury Road, Essex		REDWOOD PARTNERSHIP CONSULTING ENGINEERS & TRANSPORTATION PLANNERS Maritime House, Basin Road North, Portslade, Brighton, BN41 1WR www.redwoodpartnership.co.uk	
		Title Accessibility Plan			
Status For Information	Drawn <i>PL</i>	Scale NTS	Sheet Size A3	Date September 2022	Drawing No. REDW-3386-406
				Rev	



565

Monday to Friday (except Public Holidays)

Valid from: 20/09/2020

Valid to: 30/10/2021

Service No.: 565	565	565	565	565	565	565	565	565	565	565	565
Notes: ECC	ECC	ECC	ECC	ECC	ECC	ECC	ECC	ECC	ECC	ECC	ECC
Brentwood, Rail Station 1230 1345	---	---	0712	0732	0840	0945	---	1030	1145	---	---
Brentwood High Street [C] 1235 1350	---	---	0717	0737	0845	0950	---	1035	1150	---	---
Brentwood, Highland Avenue	---	---	---	---	---	---	---	---	---	---	---
Shenfield Common, Artichoke 1353	---	---	0720	0740	0848	0953	---	1038	1153	---	1238
Herongate, Green Man 1245 1400	---	---	0727	0747	0855	1000	---	1045	1200	---	---
West Horndon, A128, Station Road 1250	---	---	0732	0752	0900	---	---	1050	---	---	---
West Horndon, Rail Station 1253	---	---	---	---	---	---	---	---	---	---	---
Bulphan, Motel A128	---	---	0734	0754	0902	---	---	1052	---	---	---
Bulphan, Church Westbound	---	---	0737	0757	0907	---	---	1057	---	---	---
Bulphan, Church Eastbound 1303	---	---	---	---	---	---	---	---	---	---	---

Notes:

ECC These journeys are operated under contract to Essex County

Service No.: 565	565	565	565	565	565	565	565	
Notes: ECC	ECC	ECC	ECC	ECC	ECC	ECC	ECC	
Brentwood, Rail Station 1845	---	1435	---	1532	---	1645	---	1740
Brentwood High Street [C] 1850	---	1440	---	1537	---	1650	---	1747
Brentwood, Highland Avenue	---	---	---	1531	---	---	---	---
Shenfield Common, Artichoke 1853	---	1443	---	1540	1546	1653	---	1750
Herongate, Green Man 1900	---	1450	---	1547	1552	1700	---	1757
West Horndon, A128, Station Road	---	---	---	1552	1557	---	---	1802
West Horndon, Rail Station	---	---	---	1555	1602	---	---	1805
Bulphan, Motel A128	---	---	---	---	---	---	---	---
Bulphan, Church Westbound	---	---	---	---	---	---	---	---
Bulphan, Church Eastbound	---	---	---	1603	1610	---	---	1814

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Status For Information		Title Bus Services Accessibility Plan			
Drawn <i>FL</i>	Scale NTS	Sheet Size A3	Date September 2022	Drawing No. REDW-3386-407	Rev