



LAND OFF BUTTS CLOSE, MARNHULL, DORSET

UTILITIES REPORT

P & D CROCKER

April 2023

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DOCUMENT CONTROL

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Checked By	S.A.Millard IEng MICE	06.04.2023

Issue	Approved	Date	Comments
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APPENDICES

Appendix 1	Drawing: C798-23 Existing Utilities Plan
Appendix 2	Copy of Electricity Services Plans
Appendix 3	Copy of Gas Services Plans
Appendix 4	Copy of Water and Sewers Infrastructure Plans
Appendix 5	Copy of Telecommunications Services Plans

1. INTRODUCTION

- 1.1. This initial Utilities Report has been prepared by PFA Consulting on behalf of P & D Crocker, in connection with proposals for residential development on land east of Butts Close, Marnhull, Dorset. It provides details of existing utilities and drainage infrastructure, and includes the main services required to serve the proposed development.
- 1.2. The location of the site is edged red on **Figure 1** below.

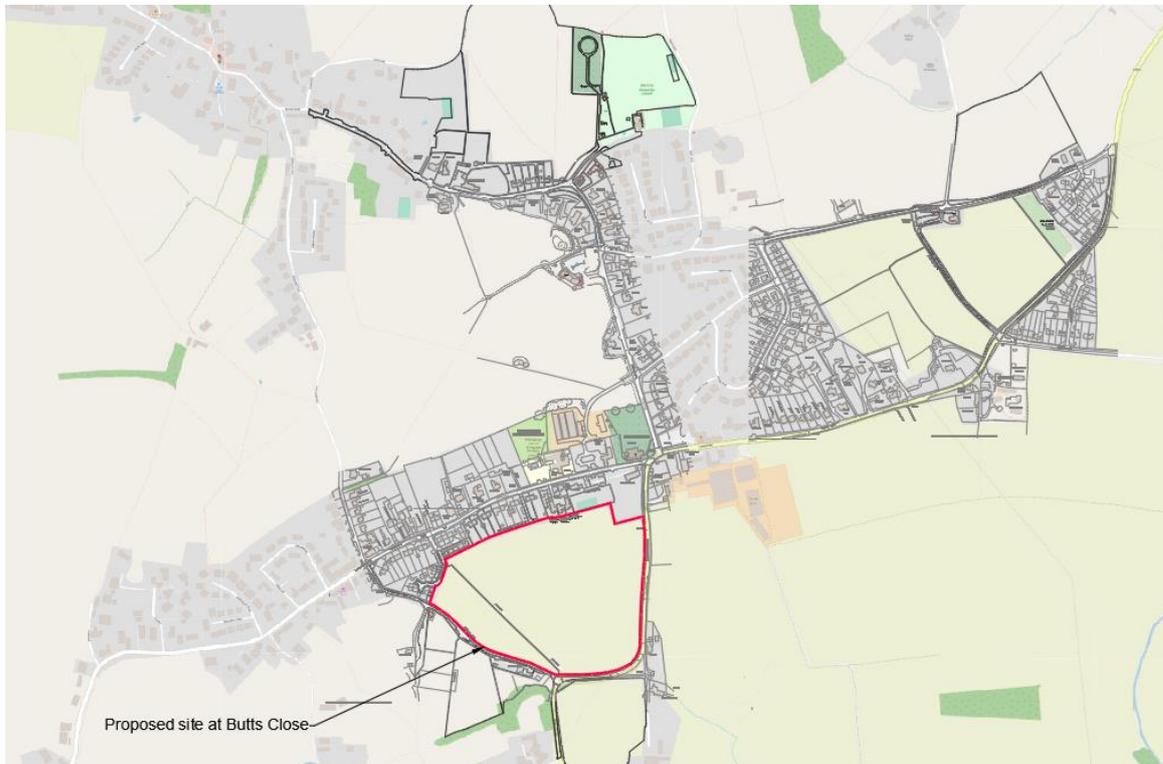


Figure 1: Site Location Plan.

- 1.3. Enquiries have been made to the various statutory undertakers and utility companies to ascertain the location of existing electricity, gas, water, and telecom services and apparatus in the vicinity of the site.
- 1.4. Since the introduction of competition in the services industry, following the privatisation of state owned gas, electricity, water and telephone public utilities, there are now a large number of potential companies that may have services in the vicinity of the site.
- 1.5. An initial enquiry has been made to the 'LinesearchbeforeUdig' website to identify asset owners with apparatus in the area who are signed up to their enquiry service. Further enquiries have been made to asset owners listed as not members of that online enquiry service based on Dorset County Council's list of utility companies known to have cables and pipes in the roads and footways of Marnhull.
- 1.6. In terms of foul and surface water drainage infrastructure, Wessex Water is the sewerage undertaker for the area. Enquiries have been made to Wessex Water to establish the location of existing public sewers in the vicinity of the site.
- 1.7. The following have confirmed that they have existing apparatus in the vicinity of the site:

- SSE (electricity)
- SGN (gas)
- Wessex Water (water supply and sewerage undertaker for foul and surface water drainage)
- BT Openreach (Telecommunications)

1.8. Based on the information provided by the statutory undertakers, utility companies, and sewerage undertaker, an Existing Utilities Plan, Drawing No. C798-23 has been prepared and a copy of the plan is contained in **Appendix 1**.

2. EXISTING SERVICES

- 2.1. Copies of information obtained from the various statutory undertakers and utility companies, concerning the location of existing electricity, gas, water, and telecom services and apparatus in the vicinity of the site, are reproduced in **Appendix 2, 3, 4 & 5** respectively.

Electricity

- 2.2. The village is serviced by Scottish and Southern Electricity (SSE).
- 2.3. There are existing low voltage cables within Butts Close, along New Street, Crown Road and to the south east of the site supplying Hillside. There is an 11kv high voltage cable approximately 150m north of Butts Close running parallel to New Street.

Gas

- 2.4. Scotia Gas Networks (SGN) provides gas supplies to the village.
- 2.5. There is an existing 63mm diameter low pressure gas main within Butts Close which links to a 180mm main within New Street.

Water

- 2.6. Water supplies in the Marnhull area are provided by Wessex Water.
- 2.7. There are existing water mains present in Butts Close, New Street and Schoolhouse Lane.

Telecommunications

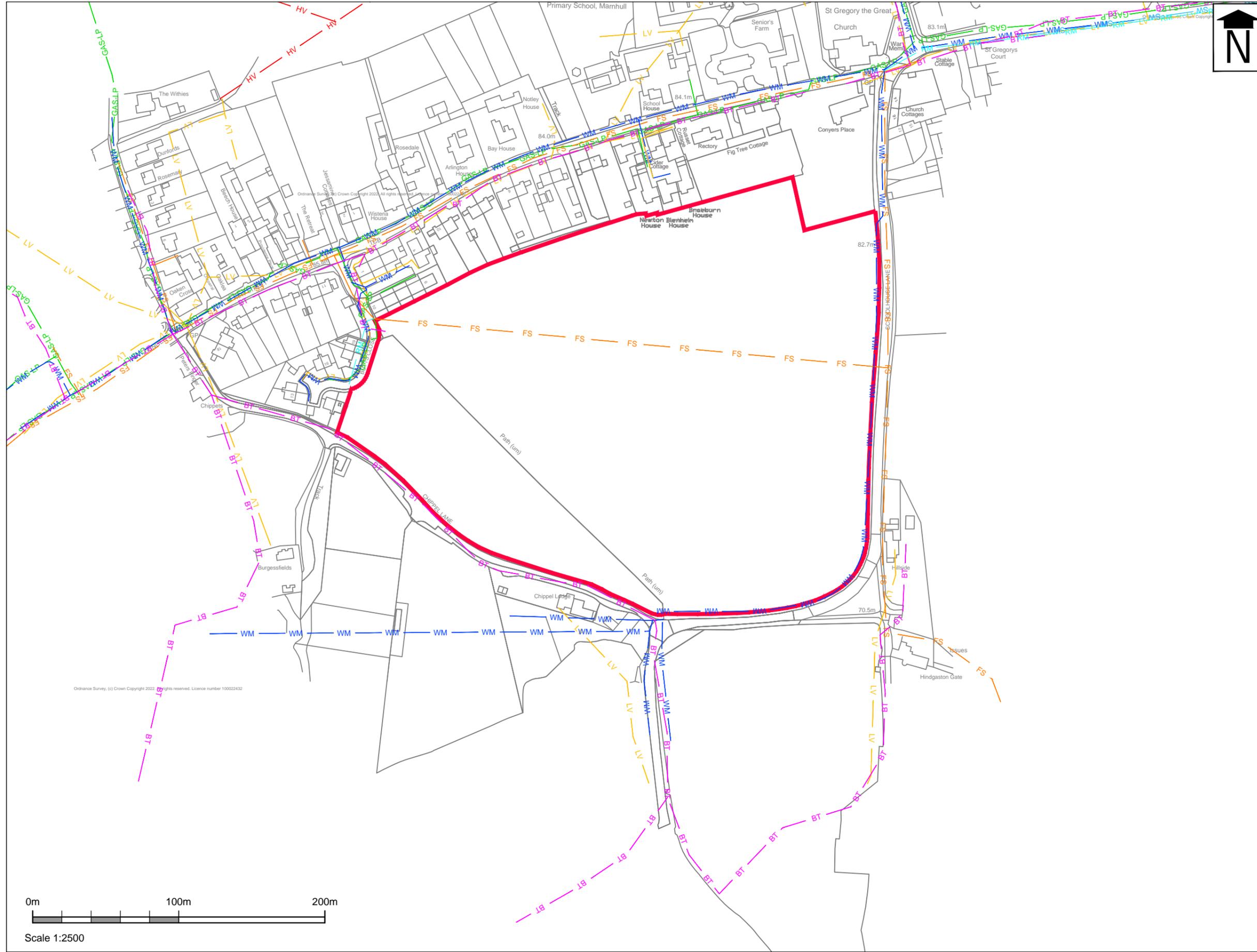
- 2.8. Enquiries have been made to BT Openreach to obtain records of its existing apparatus in the vicinity of the site.
- 2.9. Pole apparatus is located along Chippel Lane, Schoolhouse Lane, New Street and the first 50m of Butts Close.

Waste Water

- 2.10. Waste water (*foul*) is provided by Wessex Water.
- 2.11. There are 150mm diameter foul sewers running along New Street, Schoolhouse lane and the first 50m of Butts Close. There is an existing 150mm diameter foul sewer which crosses the site, connecting Butts Close to Schoolhouse Lane, this may require diverting to enable development in the form envisaged on the Infrastructure Master Plan to take place. Any such diversion will be agreed with Wessex Water.

3. SUMMARY

- 3.1. All essential services (electricity, gas, water, and telecom) are located in the vicinity of the site.
- 3.2. The overall conclusion therefore is that there is accessible infrastructure available in proximity to the sites to serve the proposed development. Accordingly, there are no insurmountable utilities constraints to development at this location.



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- Key**
- Site Boundary
 - - - HV Electricity HV (SSE Energy)
 - - - LV Electricity LV (SSE Energy)
 - - - GAS-LP Gas LP (Southwest Gas)
 - - - WM Water Mains (Wessex Water)
 - - - FS Foul Sewer (Wessex Water)
 - - - RM Foul Rising Main (Wessex Water)
 - - - BT British Telecoms Supply

Rev	Date	Description	Drawn	Check
1	06/04/23	First Issue	AM	MS

Status
FOR INFORMATION

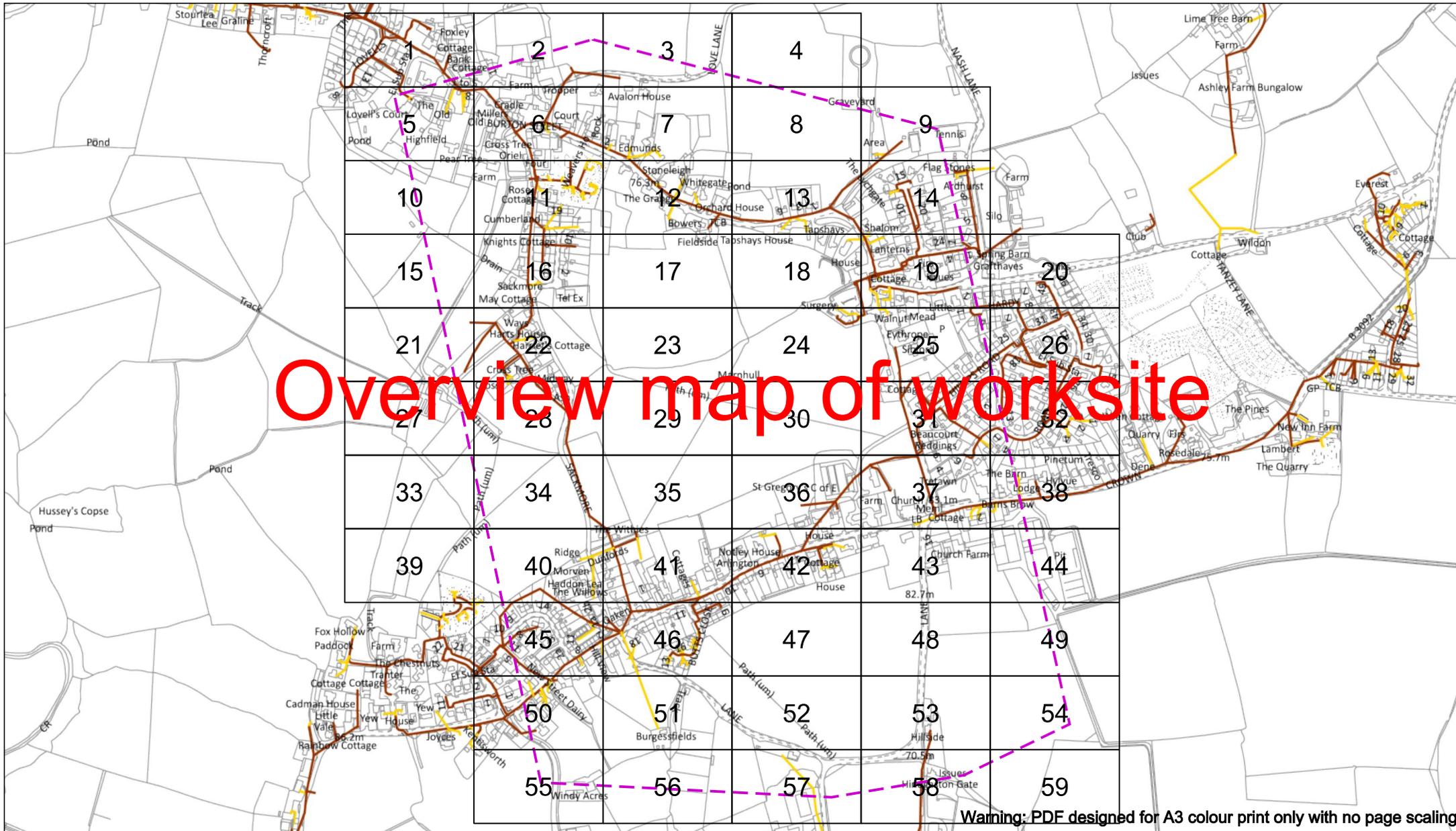
Client
P & D Crocker

Project
Land at Marnhull

Drawing Title
Land off Butts Close Existing Utilities Plan

Drawing No. **C798-23**

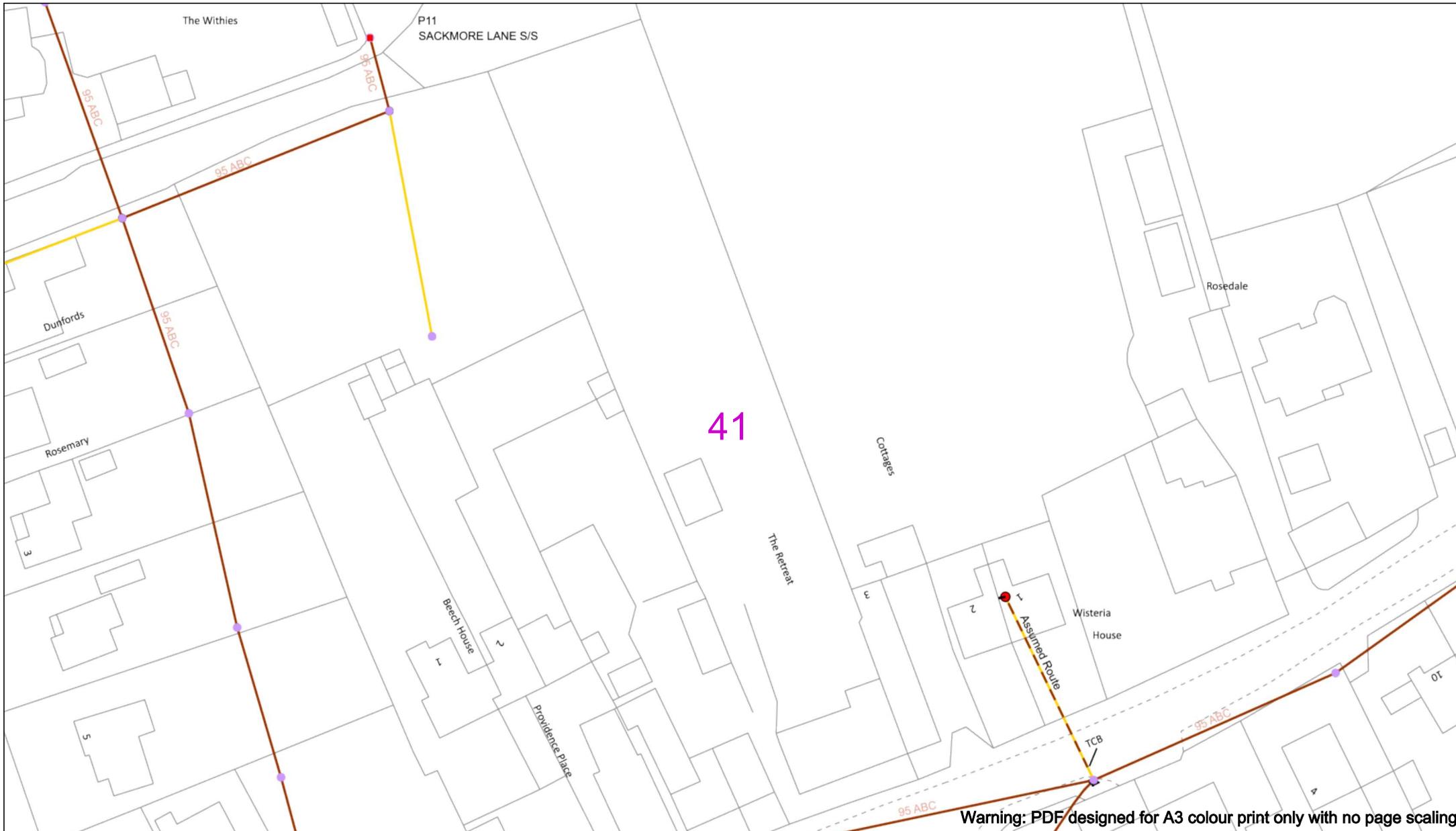
Date: April 2023 Scale: 1:2500 @ A3
E-Mail: mskivington@pfaplc.com



Overview map of worksite

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<p>Date Requested: 22/03/2023 Job Reference: 28933575 Site Location: 377874 118851 Requested by: Mr Stephen Sawyer Your Scheme/Reference: SP23368-1</p>	<p>WARNING</p> <p style="color: red;">There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.</p> <p style="color: red;">WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES G56 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)</p>	<p>Dig Sites Area: Line: </p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Voltages (V)</th> </tr> </thead> <tbody> <tr> <td>LV (Low Voltage) and Services</td> <td>Up to 1,000V</td> </tr> <tr> <td>HV (High Voltage)</td> <td>Over 1,000V to 11,000V</td> </tr> <tr> <td>EHV (Extra High Voltage)</td> <td>22,000V to 132,000V</td> </tr> <tr> <td>Transmission</td> <td>275,000V and 400,000V</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID</th> </tr> <tr> <th></th> <th>LV</th> <th>HV</th> <th>EHV</th> </tr> </thead> <tbody> <tr> <td>Footpath/Unmade</td> <td>0.45m</td> <td>0.45m</td> <td>0.6m</td> </tr> <tr> <td>Road Crossing</td> <td>0.6m</td> <td>0.6m</td> <td>0.75m</td> </tr> <tr> <td>Agricultural</td> <td>1m</td> <td>1m</td> <td>1.1m</td> </tr> </tbody> </table>	Voltages (V)		LV (Low Voltage) and Services	Up to 1,000V	HV (High Voltage)	Over 1,000V to 11,000V	EHV (Extra High Voltage)	22,000V to 132,000V	Transmission	275,000V and 400,000V	NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID					LV	HV	EHV	Footpath/Unmade	0.45m	0.45m	0.6m	Road Crossing	0.6m	0.6m	0.75m	Agricultural	1m	1m	1.1m	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Legend</th> </tr> </thead> <tbody> <tr><td> </td><td>Service Cable</td></tr> <tr><td> </td><td>LV Mains</td></tr> <tr><td> </td><td>2 - 3.3kV</td></tr> <tr><td> </td><td>6.6kV</td></tr> <tr><td> </td><td>11kV</td></tr> <tr><td> </td><td>22kV</td></tr> <tr><td> </td><td>33kV</td></tr> <tr><td> </td><td>66kV</td></tr> <tr><td> </td><td>132kV</td></tr> <tr><td> </td><td>60kV</td></tr> <tr><td> </td><td>275kV</td></tr> <tr><td> </td><td>400kV</td></tr> <tr><td> </td><td>Flow optic</td></tr> <tr><td> </td><td>Pilot Cable</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Distribution Structures (Electric)</th> </tr> </thead> <tbody> <tr><td>●</td><td>Pole, Existing Location</td></tr> <tr><td>●</td><td>Pole Structure, Existing Location - Single</td></tr> <tr><td>●</td><td>Pole Structure, Existing Location - N</td></tr> <tr><td> </td><td>Duct Route</td></tr> <tr><td> </td><td>Cross Section Route</td></tr> </tbody> </table>	Legend		 	Service Cable	 	LV Mains	 	2 - 3.3kV	 	6.6kV	 	11kV	 	22kV	 	33kV	 	66kV	 	132kV	 	60kV	 	275kV	 	400kV	 	Flow optic	 	Pilot Cable	Distribution Structures (Electric)		●	Pole, Existing Location	●	Pole Structure, Existing Location - Single	●	Pole Structure, Existing Location - N	 	Duct Route	 	Cross Section Route		<p style="font-size: small;">Southern Electric Power Distribution plc Registered Office: No.1 Forbury Place 43 Forbury Road Reading RG1 3JH Registered in England & Wales No.04094290</p> <p style="font-size: x-small;">If you're unsure & need to seek advice before commencing excavations please contact: General Enquiries: 0800 048 3516</p> <p style="font-size: x-small;">Subject to revision – Master held by SSEN Asset Data Team: AssetData@sse.com 01256 337 294</p>
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Dig Sites Area: Line:

Date Requested: 22/03/2023
 Job Reference: 28933575
 Site Location: 377874 118851
 Requested by:
 Mr Stephen Sawyer
 Your Scheme/Reference: SP23368-1

WARNING

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WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES GS6 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

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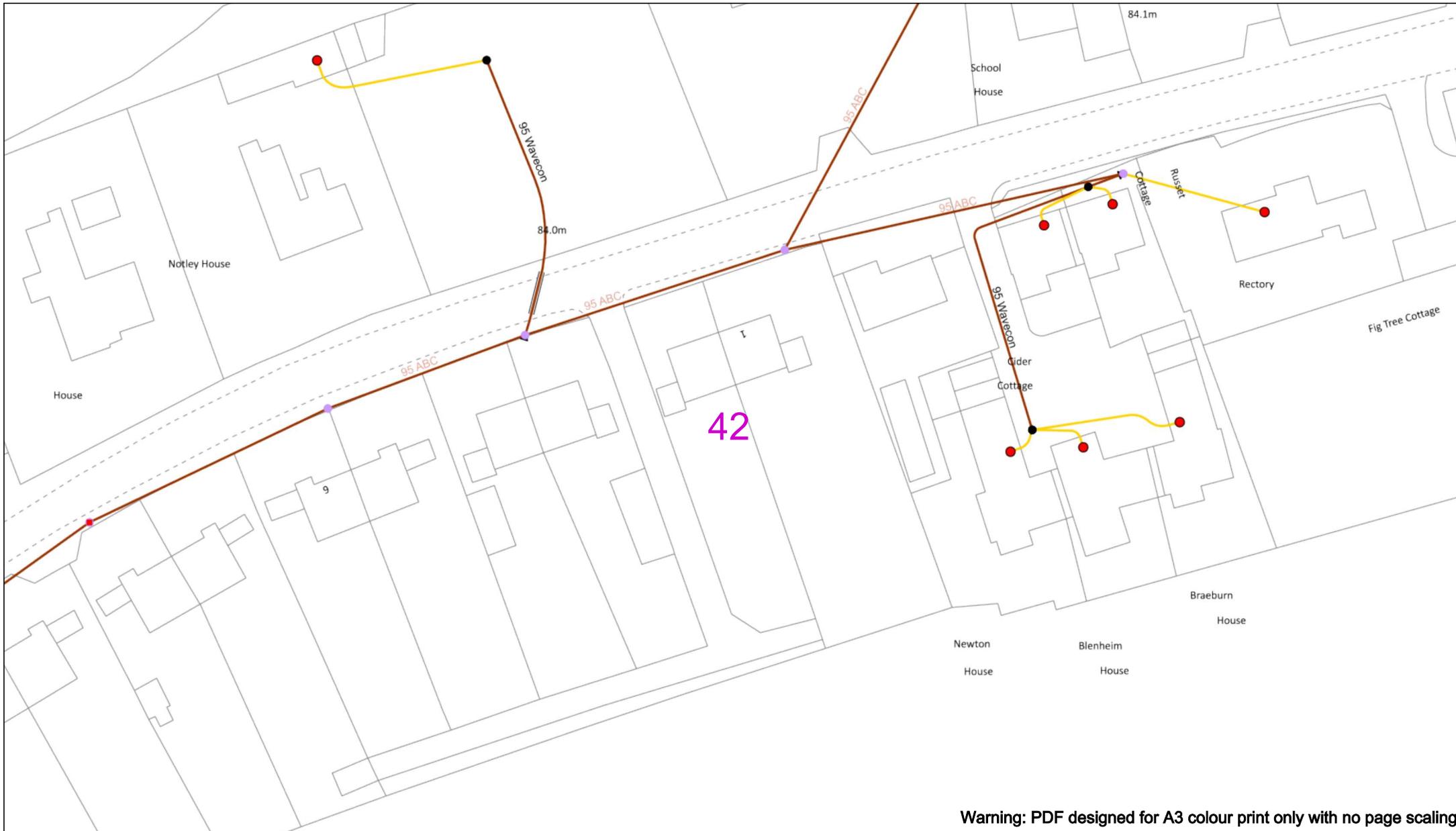
Legend	
	Service Cable
	LV Mains
	2 – 33kV
	66kV
	110kV
	220kV
	330kV
	660kV
	132kV
	275kV
	400kV
	Fibre Optic
	Pipe Cable

Distribution Structures (Electric)	
	Pole, Existing Location
	Pole Structure, Existing Location - H
	Duct Route
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Southern Electric Power Distribution plc
 Registered Office: No.1 Forbury Place
 43 Forbury Road Reading RG1 3JH
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