

Kingsley Parish Council

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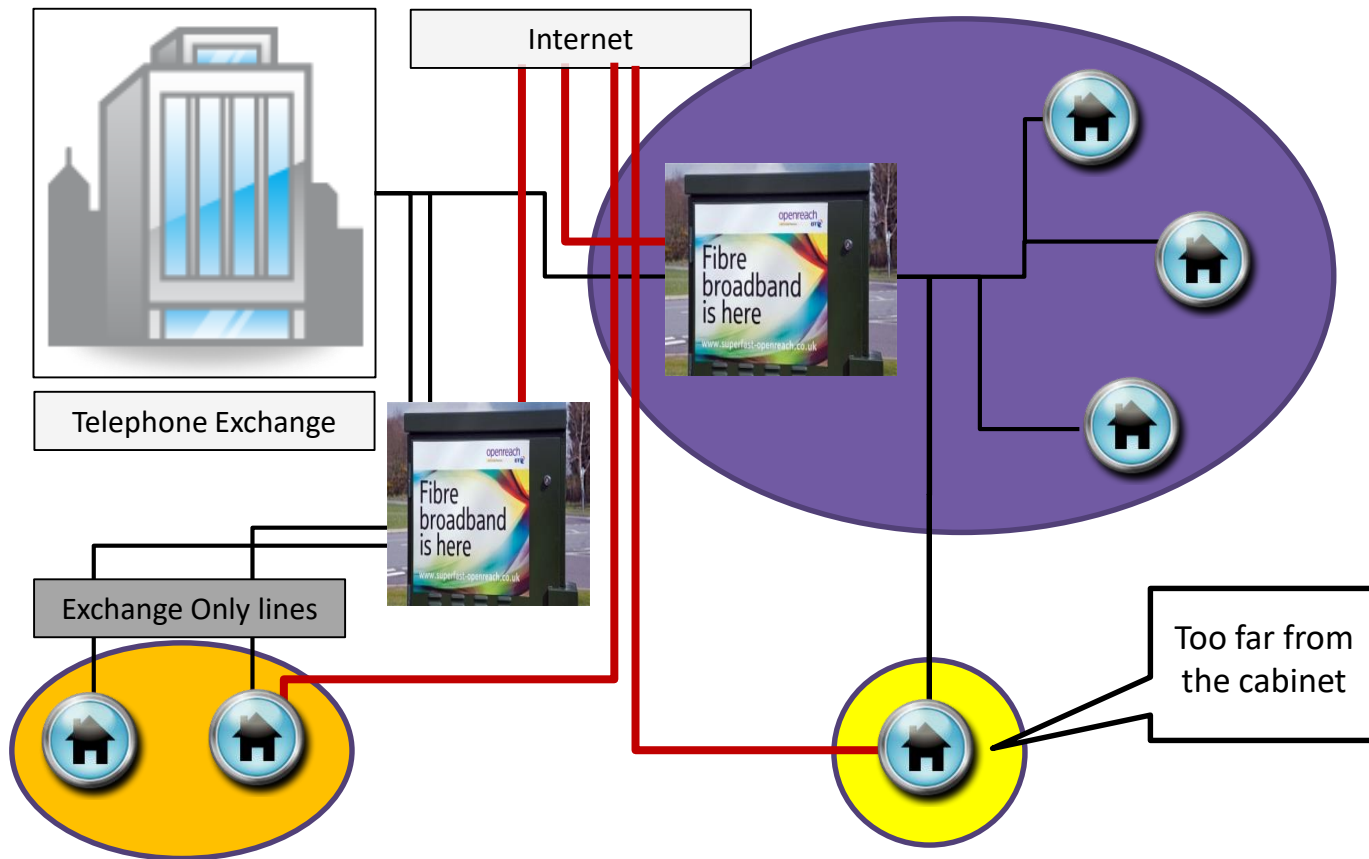
Context

Hampshire, DCMS and BDUK

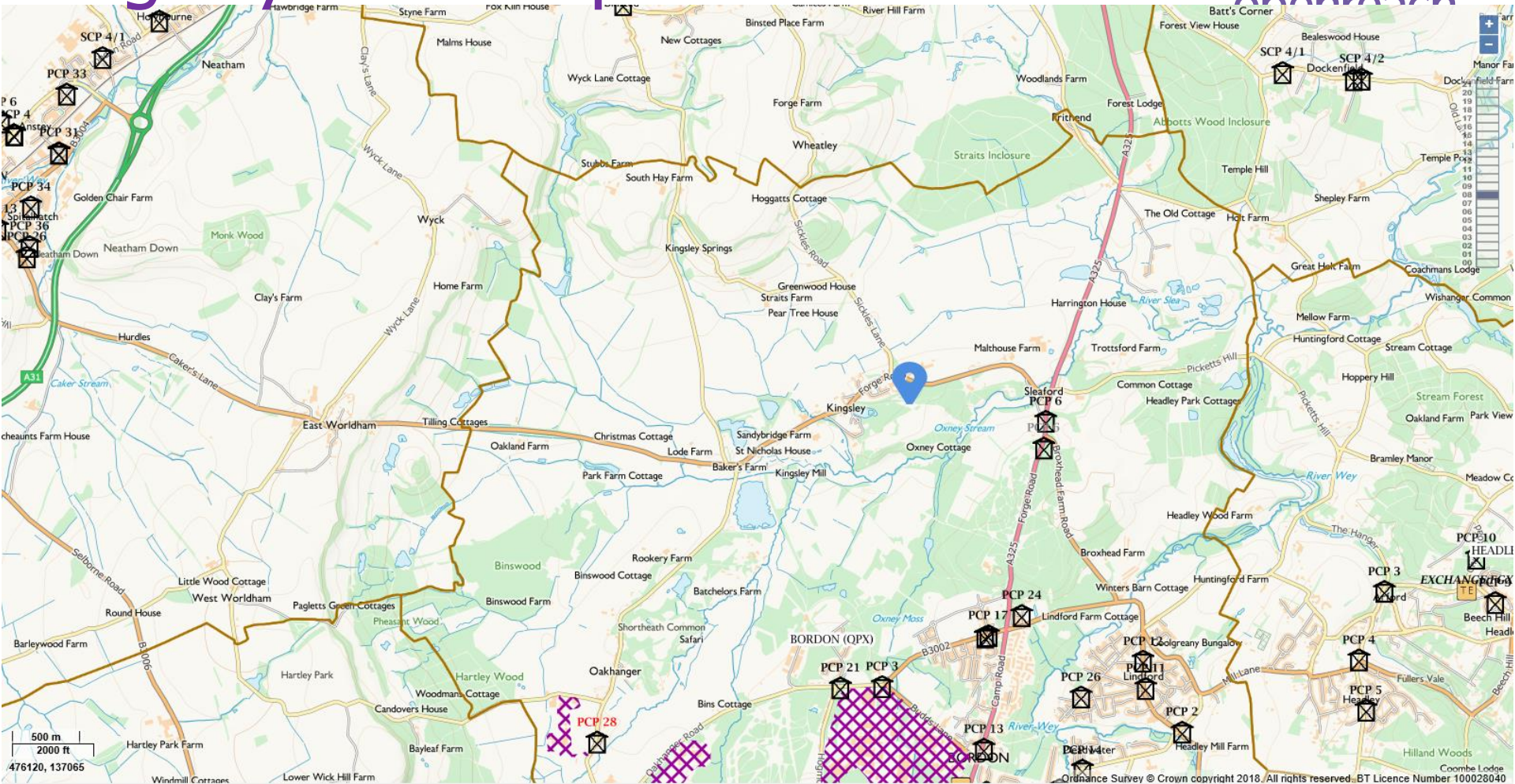
- Commercial Coverage around 80% (Openreach & Virgin Media)
- 90% Superfast by the end of 2016 (>24Mbps)
- 97.4% coverage by the end of 2019 (>24Mbps)
- Universal Service Commitment of 2Mbps
 - Better Basic Broadband Scheme
- Universal Service Obligation 10Mbps from 2020?
- £1m Community Match Funding Scheme
- Gap funding model

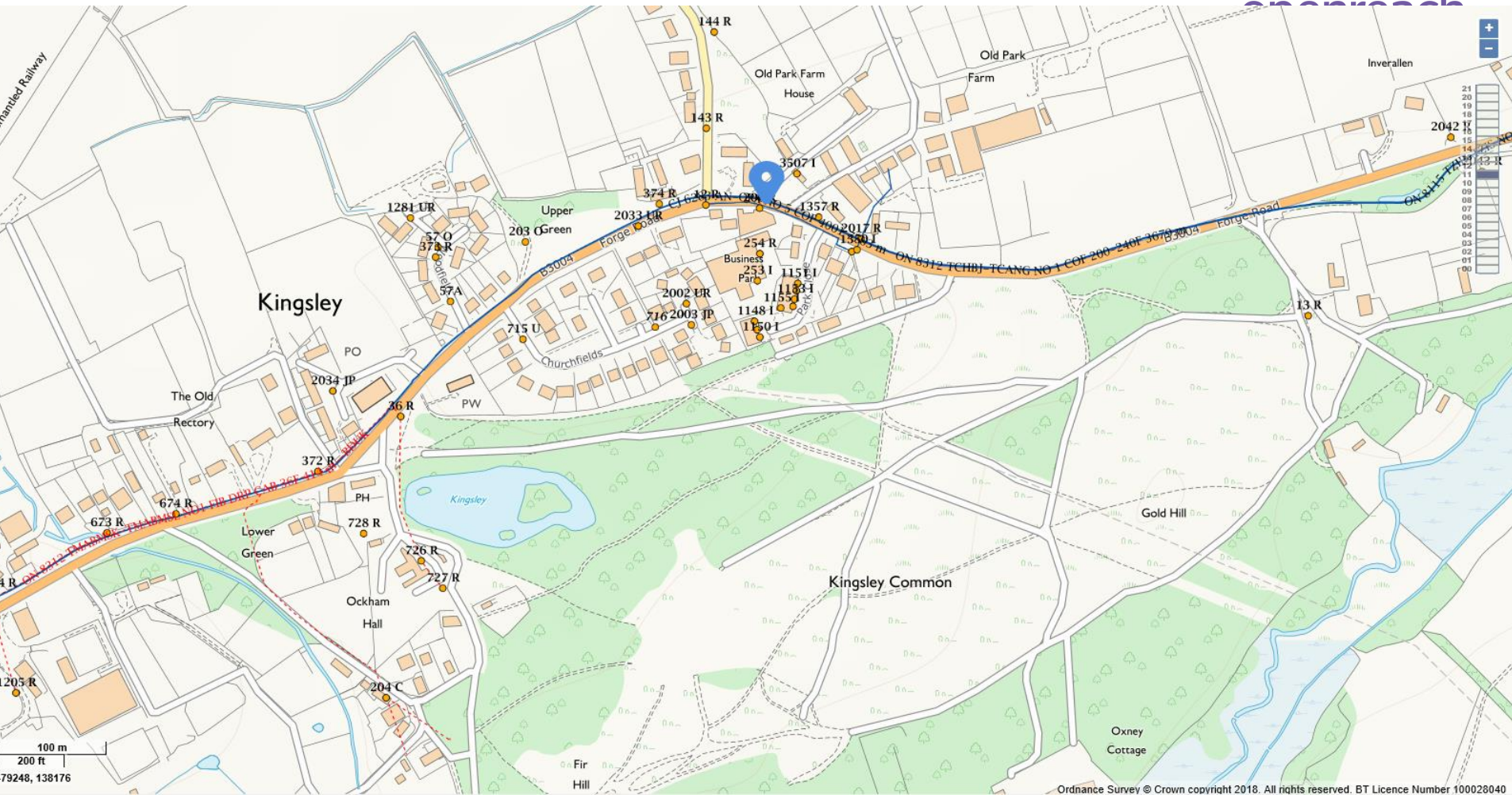
Hampshire Programme

- Wave 1 - £11m
 - 64,500 premises upgraded 2013 - 2015
- Wave 2 - £18m (£9.2m from HCC)
 - 34,500 premises 2016 - 2018
- Wave 2 extension - £6.8m
 - 8,500 premises 2018 - 2019
- Community Match Funding Scheme
 - £1m match funding scheme



Kingsley Area Map





Original plans were for 2 x FTTC Cabinets and 2 x FTTP networks but around 190 premises would not benefit from any uplift.

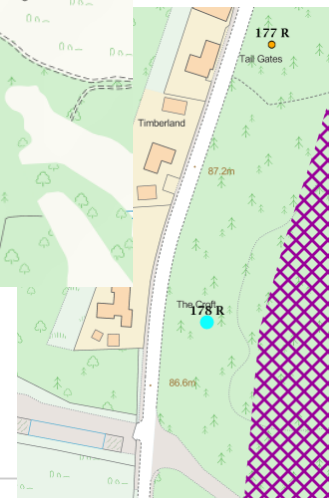
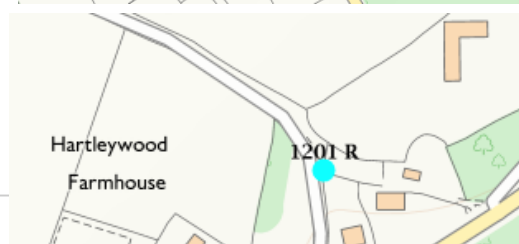
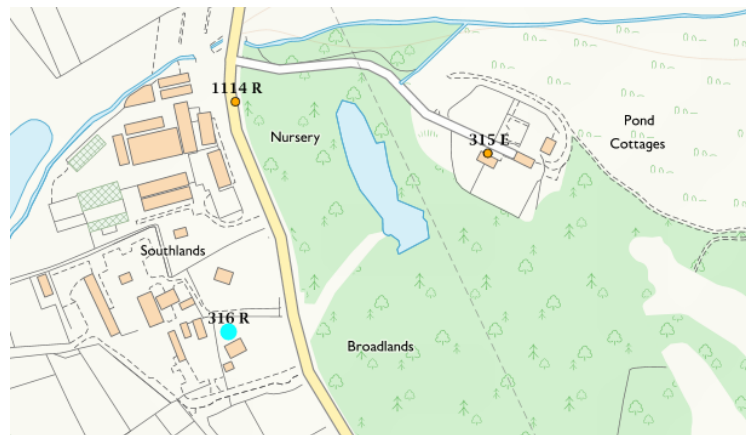
Following a review and extra funding from Hampshire County Council

The area has been broken into 5 networks that will cover 445 premises in Kingsley with FTTP.

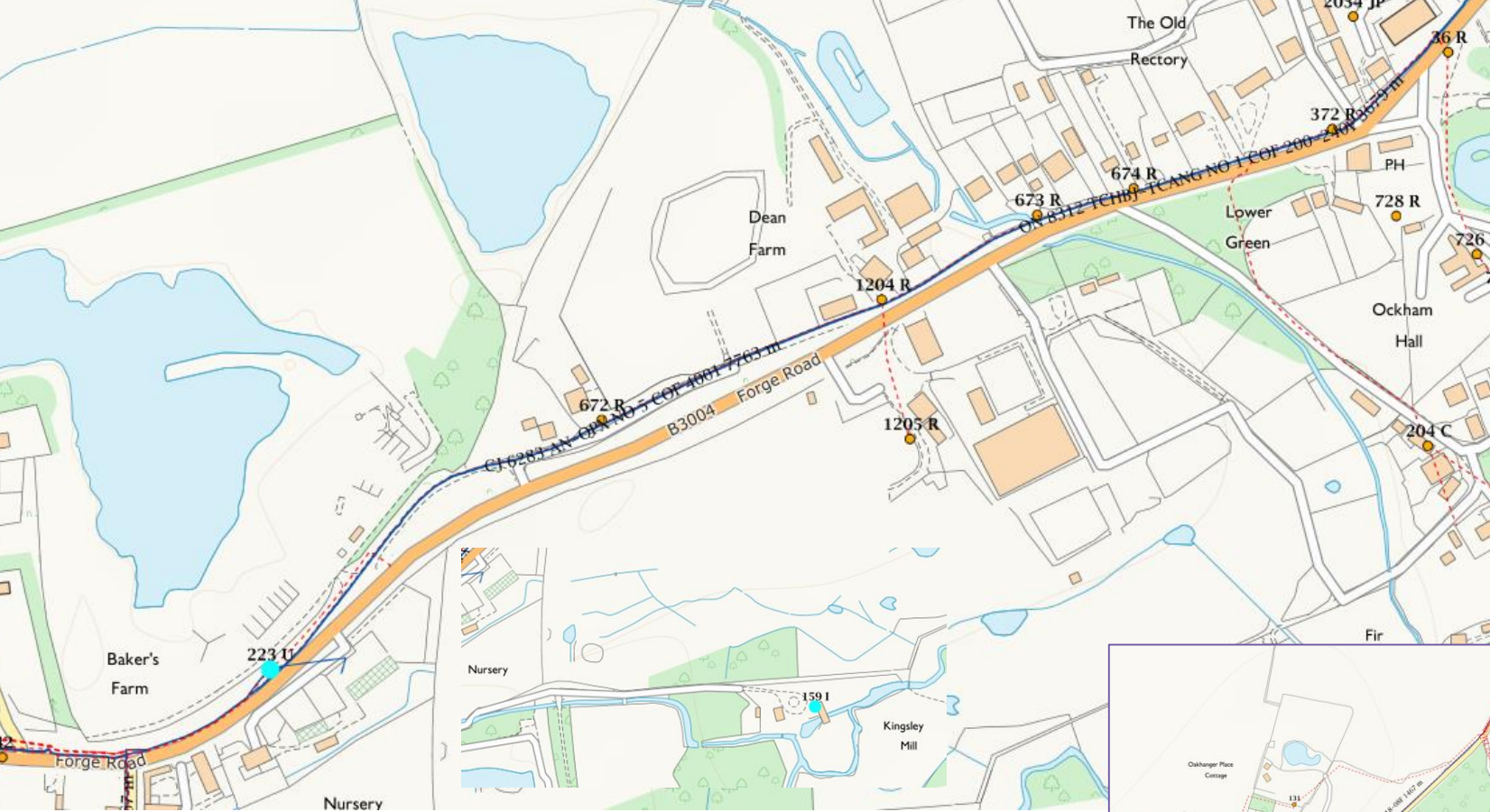
Three of the networks are progressing well and you have seen fibre cabling and splicing being undertaken in the area.

These will be live and taking orders in the next few weeks 21, V32, V33

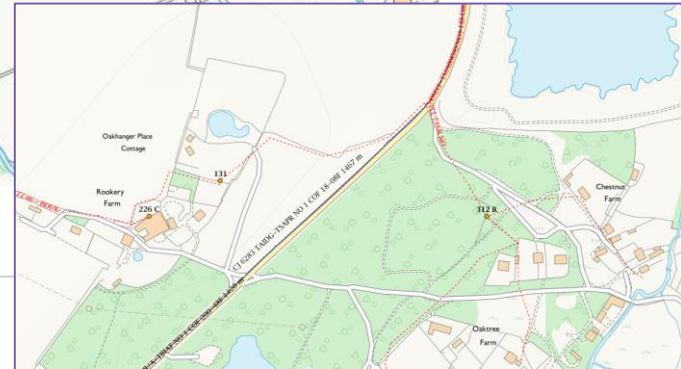
We are progressing the remaining 2 networks, but the deliver is a little more challenging Work is underway in the headend and more local cabling will be undertaken in the summer of 2018.



D30
D43
 D51
D152
D153
D177
D178
D235
D314
D315
D316
D600
D768
D1114
D1201
D1319
D2048



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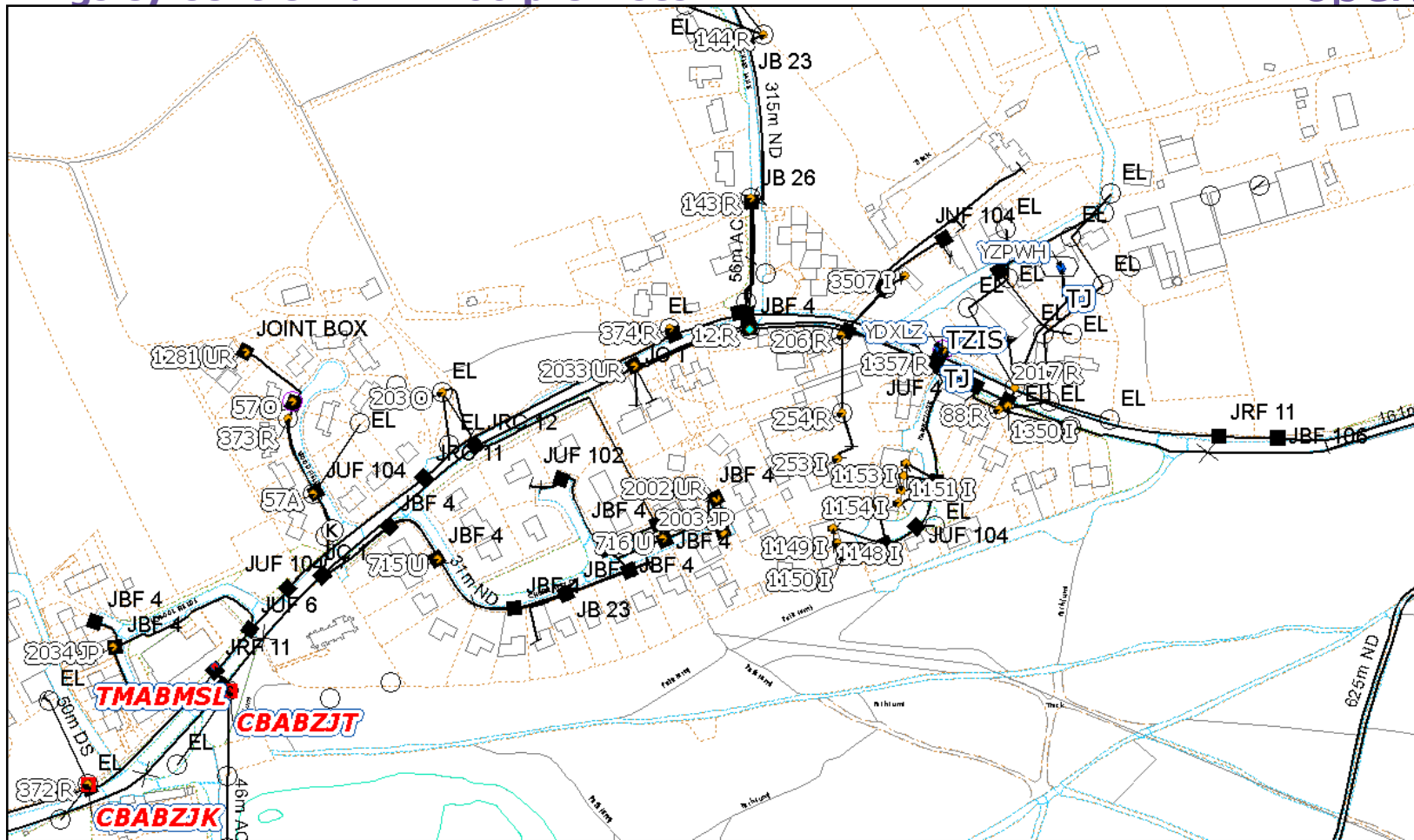
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 D2159

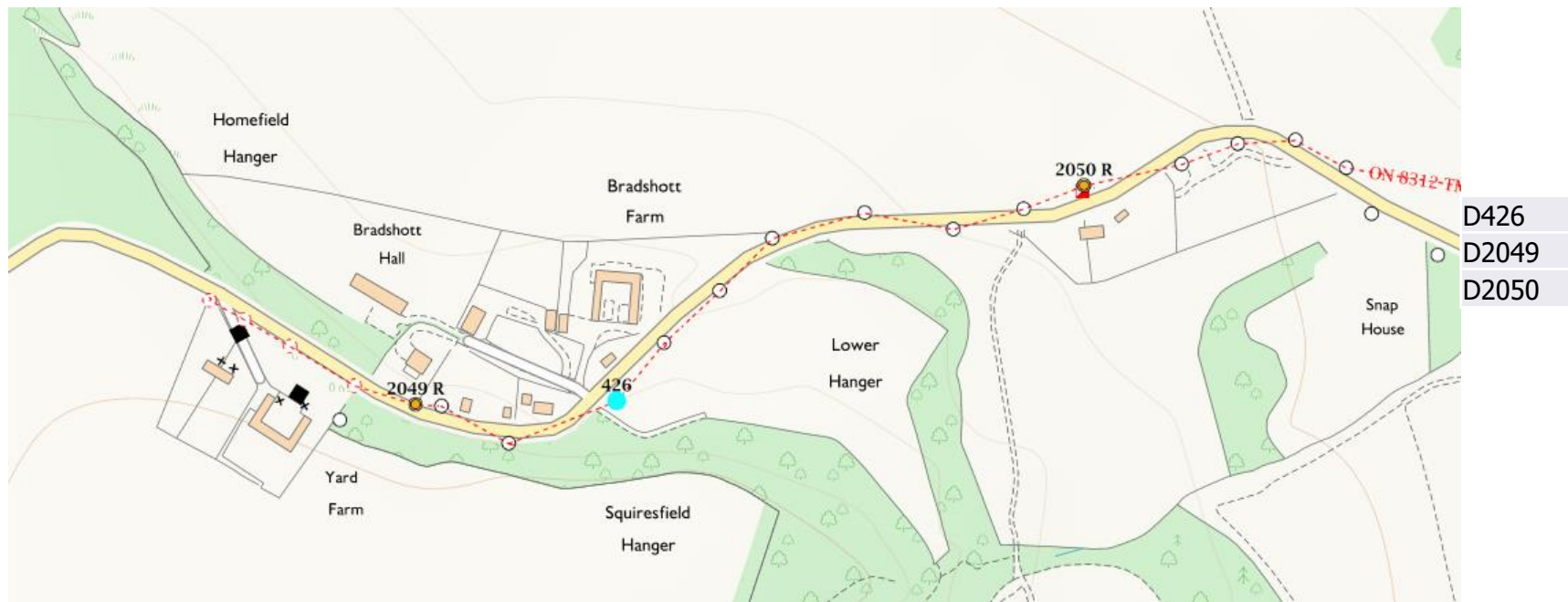


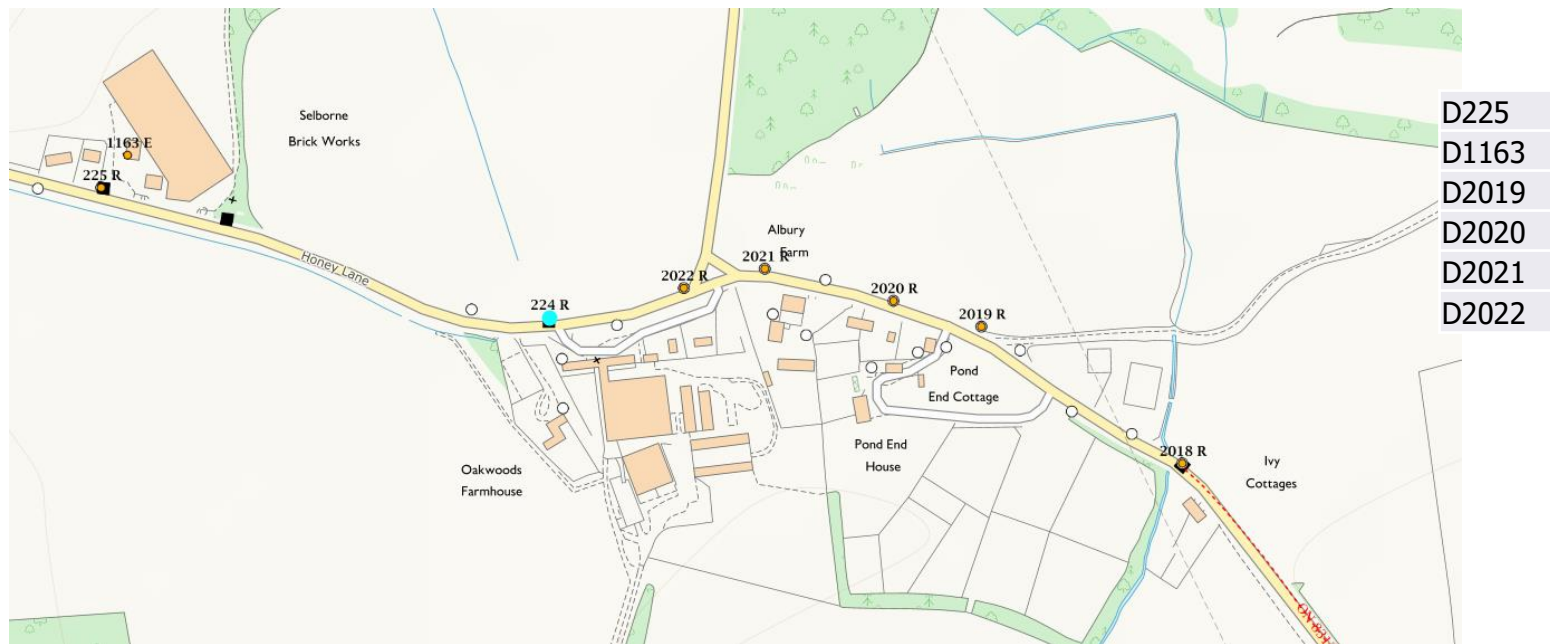
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D1345
D1347
D2159

Kingsley Centre Plan – 100 premises

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D593

D1103

D1104

D1107

D1158

445 Premises

21, V32, V33

The areas that are progressing well – 267 properties

The originally planned Cabinets are being changed to FTTP (R6 and R7) and delivery of the replacement FTTP networks will start shortly. Exchange equipment is currently being installed and commissioned.

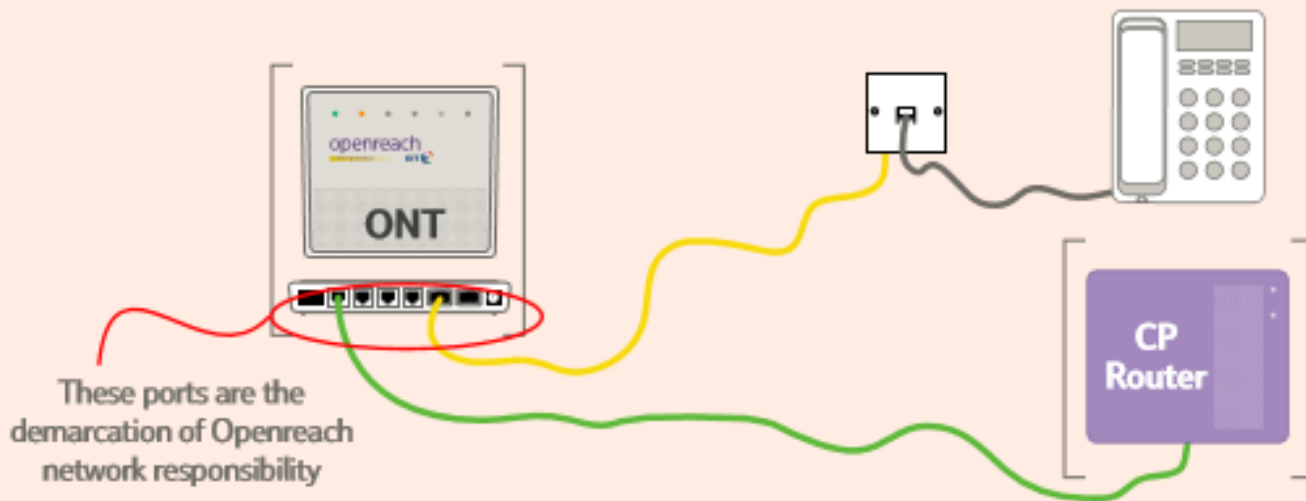
100 other premises have now been surveyed and placed against to the new FTTP structures and estimates to add these to the above networks are being created.

Anticipate all delivery within 2018 calendar year at latest.

Home wiring

Voice and data connected

The CP Router and NTE can be located away from the ONT. Alternatively the telephone can be connected directly into the voice port of the ONT.



Optical Network Termination Unit (ONT)

The ONT is the Openreach demarcation point. It replaces the traditional copper master socket.

All internal networks connected to the ONT are the responsibility of the home owner.

- Optical port connects to the external Customer Splice Point.
- Ethernet ports connect to the CP router.
- Telephony ports connect to voice network

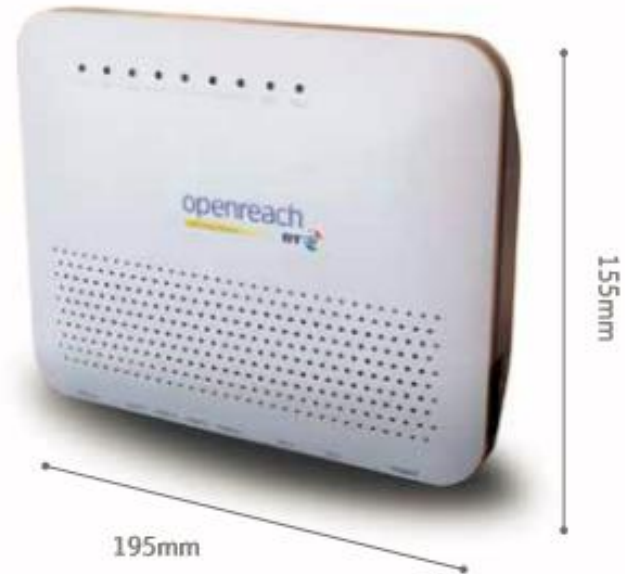


Optical
Port

Ethernet
Ports

Telephony
Ports

DC
Power
Input



DSL Checker - Today

BT BROADBAND AVAILABILITY CHECKER

Address THE KINGSLEY CENTRE, FORGE ROAD, KINGSLEY, BORDON, GU35 9ND on Exchange BORDON is served by Cabinet 6

Featured Products	Downstream Line Rate(Mbps)		Upstream Line Rate(Mbps)		Downstream Handback Threshold (Mbps)	WBC FTTC Availability Date	WBC SOGEA Availability Date
	High	Low	High	Low			
VDSL Range A (Clean)	13.1	7.1	1.2	0.8	5.7	Available	--
VDSL Range B (Impacted)	12.3	4.2	1.2	0.5	2.5	Available	--
Featured Products	Downstream Line Rate(Mbps)		Upstream Line Rate(Mbps)		Downstream Range(Mbps)	WBC FTTP Availability Date	
FTTP on Demand	330		30		--	Available	--
ADSL Products	Downstream Line Rate(Mbps)		Upstream Line Rate(Mbps)		Downstream Range(Mbps)	Availability Date	
WBC ADSL 2+	Up to 1.5		--		1 to 3.5	Available	--
ADSL Max	Up to 1		--		0.75 to 2.5	Available	--
WBC Fixed Rate	0.5		--		--	Available	--
Fixed Rate	0.5		--		--	Available	--
Other Offerings						Availability Date	
VDSL Multicast	--		--		--	Available	--
ADSL Multicast	--		--		--	Available	--

For all ADSL and WBC Fibre to the Cabinet (VDSL or G.fast) services, the stable line rate will be determined during the first 10 days of service usage.

DSL Checker – Once FTTP available

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www.dslchecker.bt.com

Featured Products	Downstream Line Rate(Mbps)		Upstream Line Rate(Mbps)		Downstream Handback Threshold (Mbps)	WBC FTTC Availability Date	WBC SOGEA Availability Date
	High	Low	High	Low			
VDSL Range A (Clean)	71.6	49	20	13.9	41.4	Available	--
VDSL Range B (Impacted)	60.7	39.8	17.5	9.4	33.8	Available	--
Featured Products	Downstream Line Rate(Mbps)	Upstream Line Rate(Mbps)		Downstream Range(Mbps)	WBC FTTP Availability Date	FTTP Install Process	
WBC FTTP	Up to 330	Up to 50		--	Available	2 Stage	
ADSL Products	Downstream Line Rate(Mbps)	Upstream Line Rate(Mbps)		Downstream Range(Mbps)	Availability Date		
WBC ADSL 2+	Up to 3	--		1.5 to 5.5	Available	--	
WBC ADSL 2+ Annex M	Up to 3	Up to 0.5		1.5 to 5.5	Available	--	
ADSL Max	Up to 2	--		1.5 to 4.5	Available	--	
WBC Fixed Rate	1	--		--	Available	--	
Fixed Rate	1	--		--	Available	--	
Other Offerings	Availability Date						
VDSL Multicast	--	--		--	Available	--	
ADSL Multicast	--	--		--	Available	--	

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