CNS Standard – Job Pack

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-Job Requirement Details-

Site Details		Job Details	Job Pack Component	
EXCHANGE	Hoyland	Enter specific information here required/things to be checked etc. Use the additional Information page to provide more detailed information required from Openreach or required to be added the final job pack.	**Prints**	**Included (Y)**
CNS Ref:	287700		OS Plan	Y
Survey Estimate Number:	IBW65VAC		Duct Plan	Y
Job Estimate Number:			Work Instruction Notes	Y
Customer: WPC Associates			Photos	Y
Site Address: Ash Royd Business Park Junction 36 M1 Hoyland Barnsley S74 9SB		**Brief Job Title:** NIA copper & fibre to five new units.	Site Details	Y
Works Grid Ref: SE 36473 01215 new JMF6 location				
1ST Site Contact details	**2ND Site Contact details**		**Information Returned (Y); if not req, leave blank (Openreach Only)**	
Robert Segar		**Workstream:** i.e. Civils/Cable/Poling Civils cable	Annotated OS Plant	
rsegar@wpcassociates.com			Annotated Duct Plan	
			Annotated Cable Plan	
Telephone: 0161 7671800	**Telephone:**	**Customer ARBD and Notes** Customer installing duct etc:	Work Instruction/Job Notes	
Mobile: 07714 208349	**Mobile:**		Works Instruction Diagram	
Access Times:			CSS or INS Records	
Access by Prior Notice: Y			Site Plans	
			Wayleave Details	

Role	Name	Contact Tel. Number	Email	
SURVEYOR	Andrew Thorpe	07525 848423	athorpe@phone-masters.com	CNS Standard Job Pack
ORIGINATOR	Richard Goodison	07801193248	Richard.goodison@openreach.co.uk	

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Detailed Specific Works Instructions / Job Notes /, etc – Wording to be understood by all parties including the end customer	**Items required and Hazards**	**Check List Items (Y); If not req, leave blank**	
If a wayleave is required to complete the above scope of works, please include the landowner (grantors) details within the additional Information page. The details must consist of the landowners' full name, address, contact details as well as the location of the proposed apparatus to be installed. *Please include a drawing of the proposed apparatus overlaid on to an OS map. An on the day wayleave form is acceptable, but must be included within the returned job pack.* Stores required to site Duct 54 = 350M, 90-degree bends = 10, 45-degree bends = 10, JUF4 frame & Lids = 5, Draw rope = 2 SOW A total of five new units are going to be built with the developer laying duct 54 on his land. NIA Copper & Fibre required to each unit. PCP35 & Node TABYQ to be used. A TR&R will be required on the Fibre route as duct congestion observed. No TM required.950M distance COF200/48F required from Node TABYQ to new JMF6 at the entrance to the four units. Medium node to be created. 1000M req. D/I COF250/12F from the new medium node to all five units.600M required in total. PCP35 to be used to feed all five units with copper. Plenty of room to terminate. D/I 200M of 50/0.5 PET cable from PCP35 to new JMF6 and create a joint. This will feed four units with 10 D sides each. D/I 20/0.5 PET cable from the 50 pair network joint to each unit and terminate on a BC201D. 400M required here. D/I 20/0.5 PET cable direct from PCP35 to the fifth standalone unit and present on a BC201D.100M required. Civils are required to provide two new JMF6s and a road crossing. Also 1 x core drill and a 9M poke out to site boundary.. Civils to build a new 2 x JMF6s, one over new unused duct 54 network and one new JMF6 on the opposite side of the road. These will be linked with a 7M duct 54 road crossing. No TM required when survey as green field site. Each JMF6 built in the footway will require a two-way duct 54 poke out of 1M each. Developer to link to this. For the standalone unit a 1 x core drill and 9m of duct 54 will be required in carriageway to the customers boundary from an Existing JUF4 in the entrance of the adjoining unit. Steel plates will be required here to keep access open during civils work. Phase 1 Cable TR&R		TMA Requirements	
		Confined Spaces	
		Long Ladders	
		Elevating Platform	
		Safety Man / 2 Man Area	
		Site Specific Risk(s)/PPE	
		Site Induction Training	**Y**
		Permit(s) to Work	
		Rail Safety	
		Specific Customer Clearance	
		End User Asbestos Register	
		Hot Site Working	
		Fire Suppression Systems	
		G39 Electrical Awareness	
		Flat Roof Working	
		PEU Suitable	
		Tree Cutting	
		Gully Sucking	
		Cable Recovery Required	
		CDM Regulations Apply	
		JSP 480 Requirements	
		Wayleave Details (Include Details on blank page)	
		New DP Required (Include records request) A154 Return Required	**Y**
		Stores Delivery Required (Complete Stores List)	**Y**

The fibre duct route appears to be very congested and requires a TR&R. this was agreed with CFM Richard Goodison on the JV. From the Node TABYQ to the new JMF6 is a distance of 950M. No TM is required along this route Node grid ref is SE 36983 01627 Phase 2 Civils In the entrance to unit Store First is an existing JUF4 in the grass verge. Grid ref SE 36610 01297 A single duct 54 core drill is required and 9M of duct 54 in carriageway to the developer's boundary. Steel plates will be required to maintain access 24/7 to this unit while digging. This will serve the standalone unit. Where the other four units are going to be built, brand new, never used duct 54 & JUF6 exist. This existing JUF6 will be in the way of the new entrance so a new JMF6 will be required further down the road. Build new JMF6 over existing two-way duct 54 in footway at grid ref SE 36473 01215. Leave a 1M two-way poke out towards site for the developer to link to. Also required in this new JMF6 is a 7M road crossing and 2M in footway, to the opposite side of the road footway. Build a new JMF6 here at grid ref SE 36473 01214 in the footway. Provide a 1M two-way duct 54 poke out. This new JMF6 will feed future units in a different phase of the development works. No TM will be required at this stage as still a greenfield site. Requirements may change if development starts. Phase 3 Fibre D/I 1,000M of subduct mono-bore N0.5 from Node TABYQ to the new JMF6 at grid ref SE 36473 01215 Blow on 1,000M of COF200/48F from Node TABYQ to the new JMF6 at grid ref SE 36473 01215. Leave 10M coil at node position Create a medium size node to feed the units The ports on the Node TABYQ looked full, engineer to asses on installation visit. From this node a COF250/12F will be required to all five new units, a total of 600M Four units will feed in the same direction, but the standalone unit will feed back on its self towards PCP35. Present the COF250/12F on an MCB in each unit where the duct 54 enters the office area. surveyed from plans. Phase 4 Cable		Zone of Interest (Include details within the work description) Notice/Permit Required (Include type within the work description)	

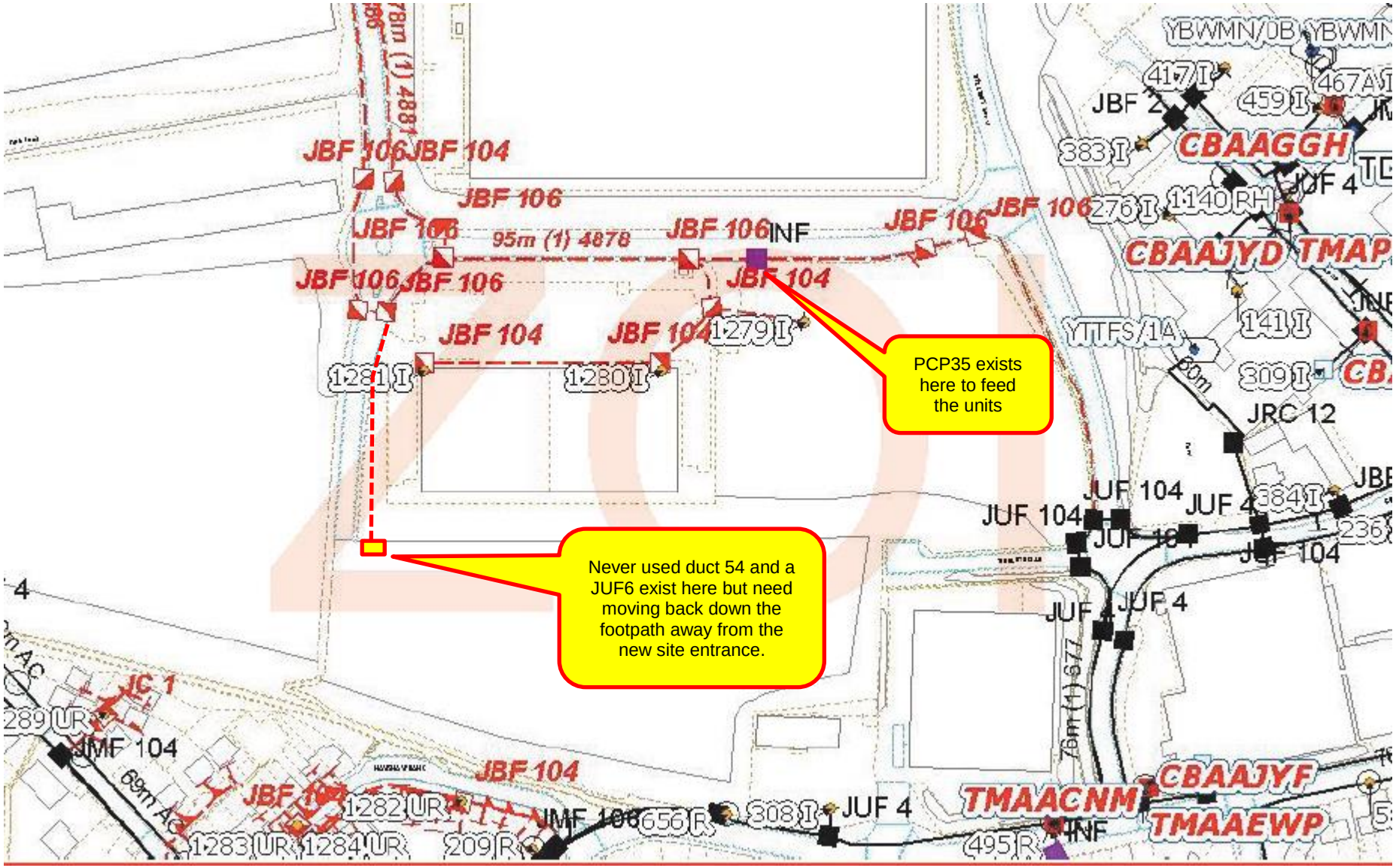
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D/I 200M of 50/0.5 PET from PCP35 to the new JMF6 / Node location and create a network joint. Plenty of room in PCP35 to terminate. From the network 50pr joint provide a 20/0.5 PET cable to each unit and present on a BC201D. 500M required for all units. Supply each unit with 10 new D sides and record. For the stand-alone unit next to PCP35 D/I a 20/0.5 PET direct from PCP35 (200M) and terminate on a BC201D. Record all new D sides used on a A154. Please note at the time of this survey no building work had started. All cable distance onto site are estimated.			

-Ordnance Map –

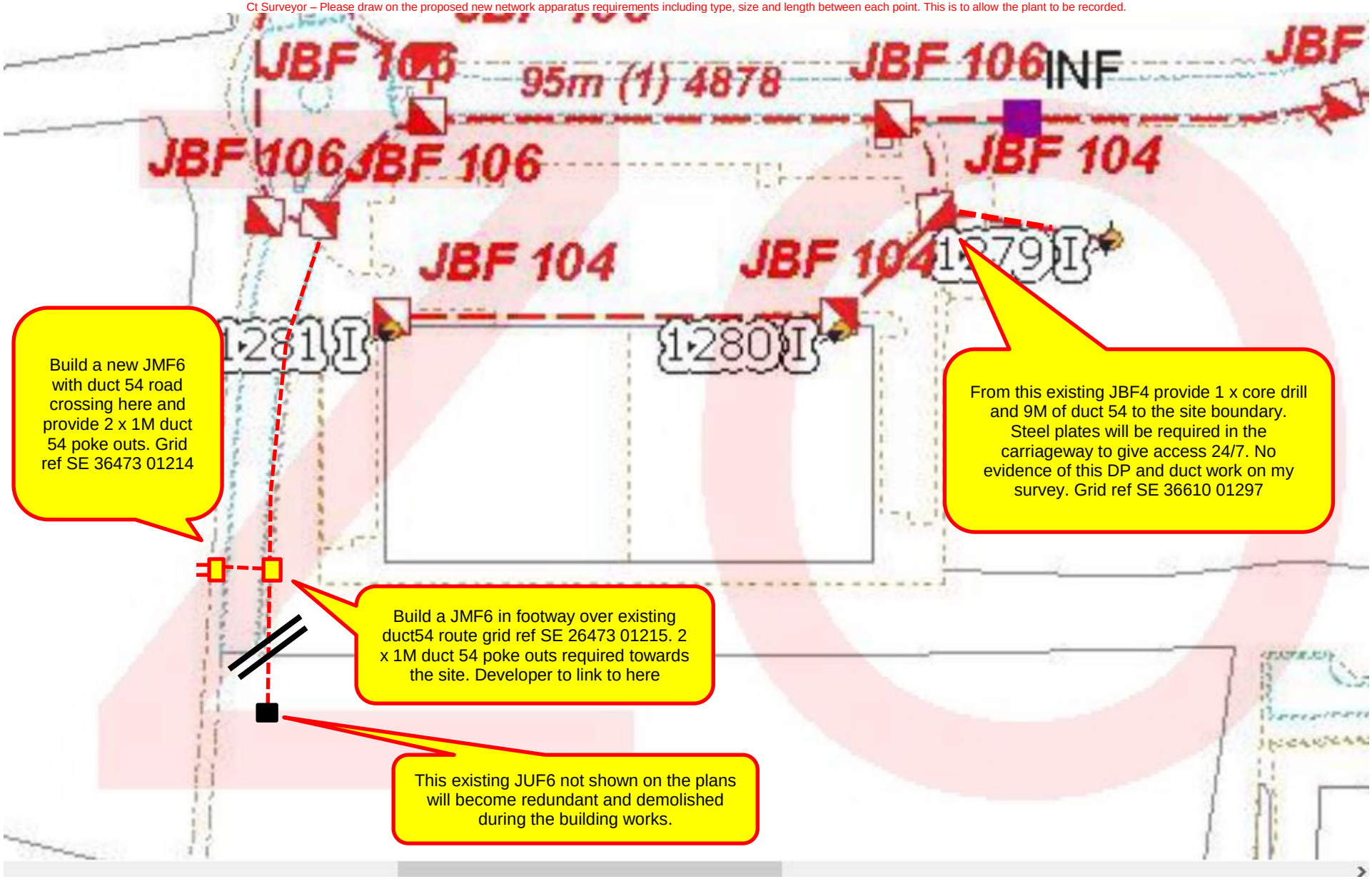


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-A55 Civils-

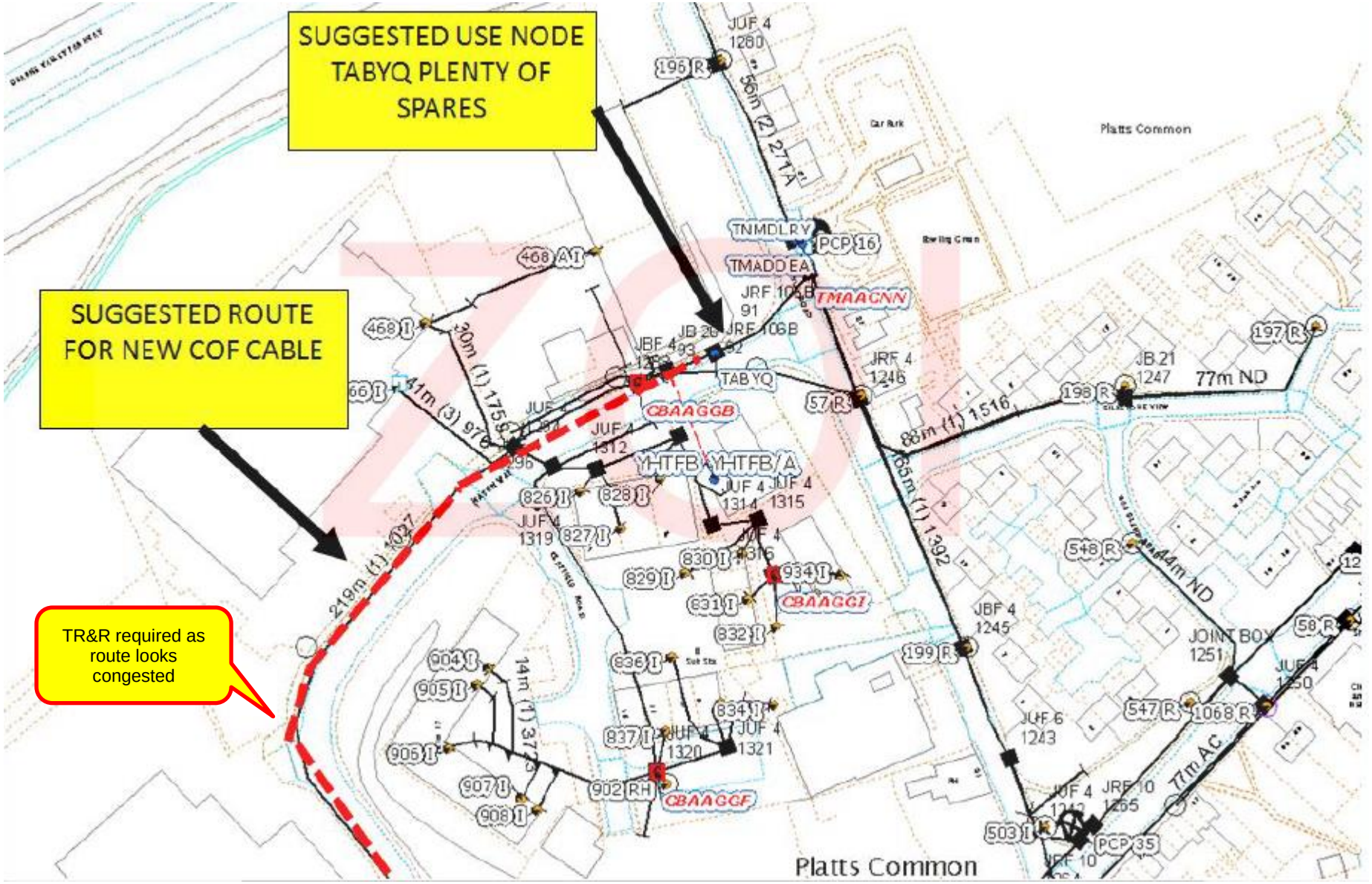
Ct Surveyor – Please draw on the proposed new network apparatus requirements including type, size and length between each point. This is to allow the plant to be recorded.

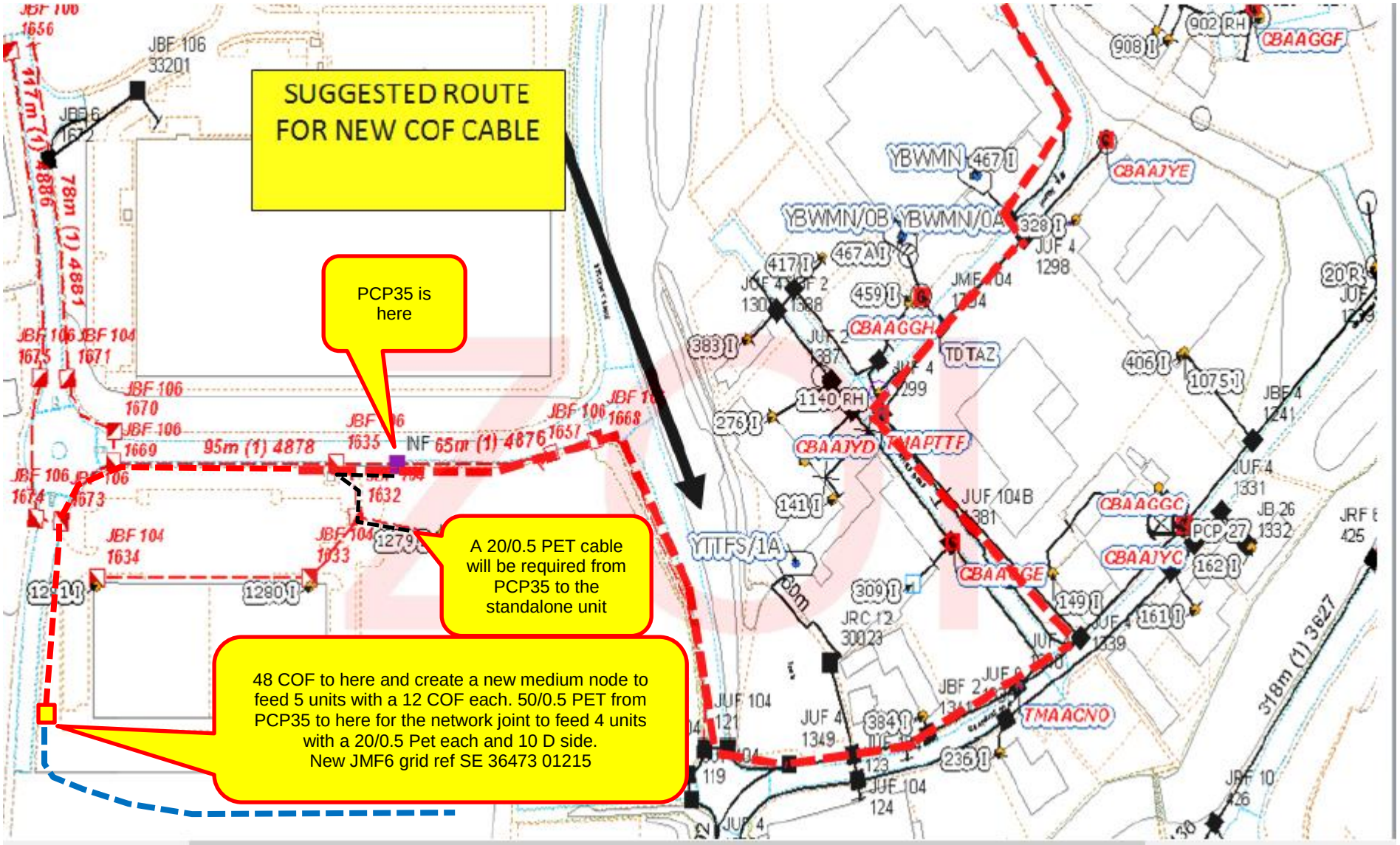


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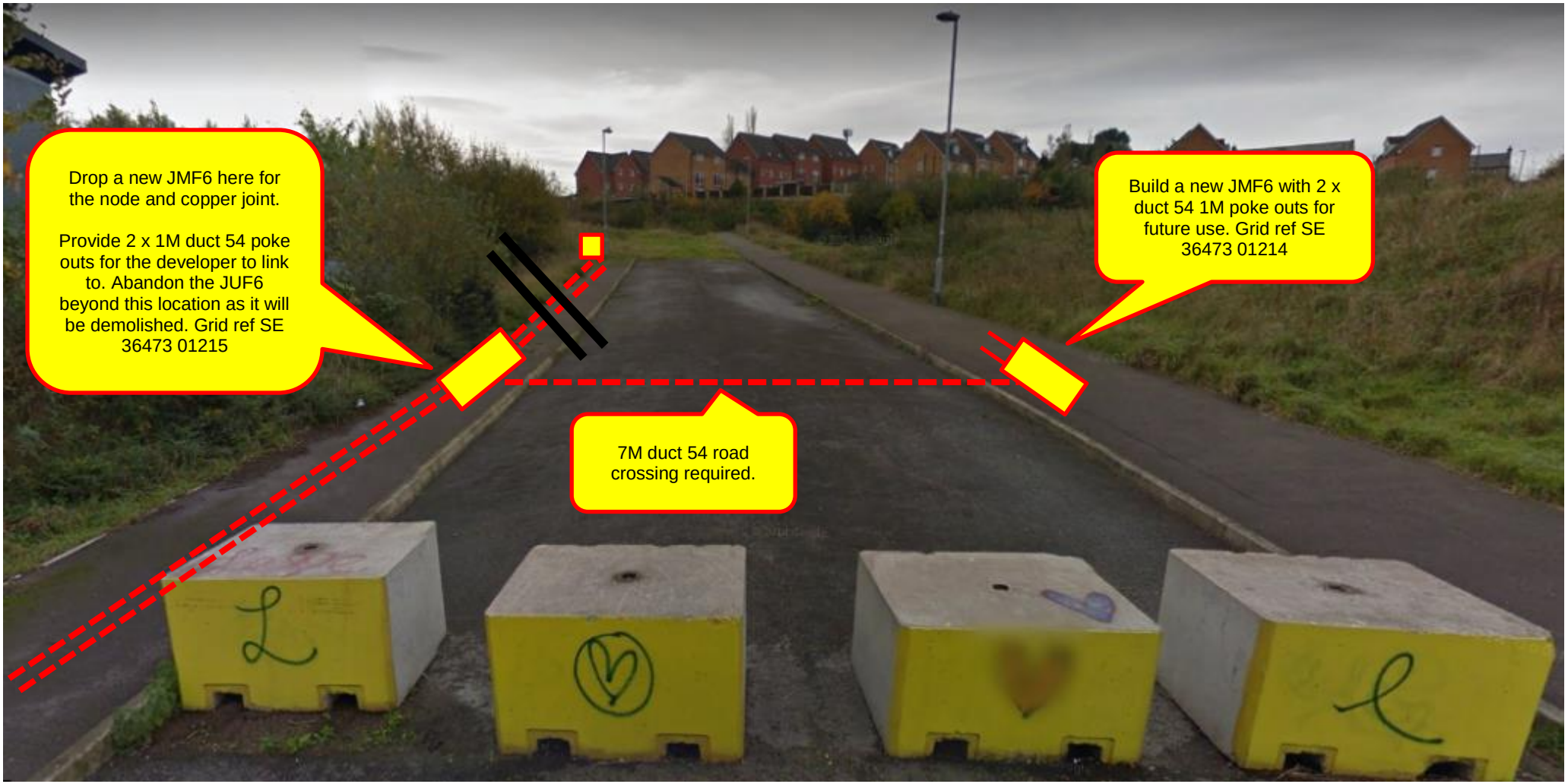
-A55 Cable/Poling-

Ct Surveyor – Please draw on the proposed new network apparatus requirements including type, size and length between each point. This is to allow the plant to be recorded.




SUGGESTED ROUTE FOR NEW COF CABLE
PCP35 is here
A 20/0.5 PET cable will be required from PCP35 to the standalone unit
48 COF to here and create a new medium node to feed 5 units with a 12 COF each. 50/0.5 PET from PCP35 to here for the network joint to feed 4 units with a 20/0.5 Pet each and 10 D side.
New JMF6 grid ref SE 36473 01215
JBF 106 33201
95m (1) 4878
65m (1) 4876
78m (1) 4881
318m (1) 3627
YBWMN
YBWMN/0B
YBWMN/0A
CBAAJYE
CBAAGGH
CBAAJYD
CBAAGGC
CBAAJYC
CBAAGGE
CBAAGGF
TMAAGNO
YTTFS/1A
JUF 104B
JUF 4 1298
JUF 4 1331
JUF 4 1349
JUF 4 1339
JUF 104 124
JBF 4 1241
JB 26 1332
JRC 12 30023
PCP 27

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Insert Civils Synthetics Below	Insert Cable Synthetics Below	Insert Poling Synthetics Below
Phase 2	Phase 1	
X033 X 16	N300 X 10	
X64A X 2		
X017 X 6	Phase 3	
	N668 X 16	
	N638 X 1	
	N680 X 24	
	N678 X 1	
	N637 X 5	
	N650 X 6	
	N683 X 6	
	N682 X 84	
	Phase 4	
	N350 X 5	
	N326 X 9	

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-Required Stores List-

Show stores required to the customer site or Sub Con depot, show Van stores if not required to either the depot or customer site.

Volume	Item Code	Description	Unit	Deliver Location Site/Sub Con/Van Stores
	031310	4 WIRE WHITE PER MTR ORDER 200 MTS	Metre	
	034507	4 WIRE BLACK PER MTR ORDER 200 MTS	Metre	
	035233	8 WIRE BLACK PER MTR ORDER 200 MTS	Metre	
	035151	CABLE EQUIPMENT 2510EH/20W (10 PR)	Metre	
	035155	CABLE EQUIPMENT 2512EH/24W (12 PR)	Metre	
	035165	CABLE EQUIPMENT 2520EH/40W (20 PR)	Metre	
	035169	CABLE EQUIPMENT 2525H/50W (25 PR)	Metre	
	035169	CABLE EQUIPMENT 2540EH/80W (40 PR)	Metre	
	035169	CABLE EQUIPMENT 2550EH/100W (50 PR)	Metre	
	035178	CABLE EQUIPMENT 2580EH/160W (80 PR)	Metre	
	040770	CABLE EQUIPMENT 200W (White) (100 PR)	Metre	
	035169	CABLE EQUIPMENT 2582EH/320W (160 PR)	Metre	
	035188	CABLE EQUIPMENT 2584EH/640W (320 PR)	Metre	
	067628	CABLE PET 100 PAIR 0.5	metre	
	067522	CABLE PET 50 PAIR 0.5	Metre	200M
	053003	CABLE PET 20 PAIR 0.5	Metre	500M
	053001	CABLE PET 10 PAIR 0.5	Metre	
	054822	CABLE PET 5 PAIR 0.5	Metre	
	034468	CABLE PET 2 PAIR 0.5	Drum	
	062778	CABLE DROPWIRING No.15	Metre	

	066105	CABLE DROPWIRING 11/350M	Metre	
	055704	CABLE DROPWIRING 12 (1 pair)	Metre	
	067580	CABLE PET ARMOUR 100 PAIR 0.5	Metre	
	067579	CABLE PET ARMOUR 50 PAIR 0.5	Metre	
	067577	CABLE PET ARMOUR 20 PAIR 0.5	Metre	
	067572	CABLE PET ARMOUR 10 PAIR 0.5	Metre	
	054816	CABLE PET ARMOUR 5 PAIR 0.5	Metre	
	002719	CABLE AERIAL DW (350M) (MAX 55m)	Metre	
	060007	CABLE PET AERIAL 10PAIR 0.5	Metre	
	060009	CABLE PET AERIAL 20 PAIR 0.5	Metre	
	056703	Cable PET Lightweight Aerial 50 Pair 0.5	Metre	
	060024	CABLE PET AERIAL 100 PAIR 0.5	Metre	
	017401	STRIP 237A BOX OF 10	Each	
	334861	(Label) Strip Designation 51A (Bag of 10)	Each	
	878446	BOX CON 515 (320PR Capacity)	Each	
	878447	BOX CON 525 (640PR Capacity)	Each	
	878448	BOX CON 535 (960PR Capacity)	Each	
	878449	FRAME MOUNTING (515/525/535)	Each	
	315540	BOX CON 201	Each	5
	315541	BOX CON 251	Each	
	314351	BOX CON 301	Each	
	051894	BOX CONNEXION 18A	Each	
	051897	BOX CONNEXION 19A	Each	

	075994	EXTERNAL CONNECTOR MODULES =10	Bag	
	073025	MOUNTING BLOCK 1A	Each	
	073139	MOUNTING BLOCK 2A	Each	
	072256	BLOCK TERMINAL 66B	Each	
	314949	FRAME DISTRIBUTION 111B	Each	
	784866	24 WAY PATCH PANEL	Each	
	008023	24 WAY PATCH CAT5E UTP	Each	
	008024	48 WAY PATCH CAT5E UTP	Each	
	314852	19" FRAME DIST 8B for 15 strips 237	Each	
	045034	INLINE MECHANICAL CLSRE SMALL	Each	
	045036	INLINE MECHANICAL CLSRE LARGE	Each	1
	045035	CAP END MECHANICAL CLOSURE LARGE	Each	
	045033	CAP END MECHANICAL CLOSURE SMALL	Each	
	021082	2-5 PAIR MECHANICAL CLOSURE	Each	
	075966	TRUNKING 100-100 3MTR LENGTH	Each	
	072280	KIT JOINT CLOSURE 4/A	Each	
	072453	KIT JOINT CLOSURE 4/C	Each	
	072520	KIT JOINT CLOSURE 4/E	Each	
	314444	NETWORK TERMINATING EQUIPMENT 5A	Each	
	007852	NTE 5A&B Back Box (Box of 32 = 2.829))	Each	
	438013	BLOCK TERMINAL 85B (X20) =5.20	Each	
	074882	OVERBOX HIGH SECURITY 1A (201)	Each	
	074883	OVERBOX HIGH SECURITY 2A (301)	Each	

	095235	KEY RADIAL	Each	
	004624	CONNECTOR WIRE INSULATED 8A TYPE 1 (BOX)	Each	2
	079584	CONNECTOR WIRE INSULATED 8B LIGHTENING PROTECTION (BOX OF 250)	Each	
	011114	BRACKET 22	Each	
	016264	BRACKET 32	Each	
	009561	BRACKET 44	Each	
	012221	HOOK CLAMP DROPWIRE	Each	
	038271	Above Ground Drop Wire Closure	Each	
	100268	DUCT 54D/6M (comes in 6M Length)	Metre	360M
	094958	Bend Duct 54	Metre	20
	095065	Bend Duct 54B (18-degree bend)	Each	20
	094937	Bend Duct 54A (90-degree end)	Each	20
	095265	Bend Duct 54C (1-degree bend)	Each	20
	100271	Duct 56 (comes in 3 M Lengths)	Each	
	090126	Bend Duct 56 (house end)	Each	
	094929	Bend Duct 56A (wide 90-degree bend)	Each	
	095002	Bend Duct 56B (18-degree bend)	Each	
	072180	UG Capping 25 for House Wall	Each	
	071987	Cover 101A for UG Capping	Each	
	095096	Boot for covering Duct at House end	Each	
	095037	Joint Box 26 (Preformed)	Each	
	075874	Frame & Cover for JB26 (Preformed)	Each	
	094960	JOINT BOX 23	Each	

	094961	Joint Box Lid 23	Each	
	070317	CAPPING 23 length 380mm for 19mm	Each	
	070316	CAPPING 22 length 2440mm for 19mm	Each	
	070320	CAPPING STEEL1	Each	
	070323	CAPPING STEEL 4	Each	
	070324	CAPPING STEEL 5	Each	
	074980	CAPPING STEEL 10	Each	
	071830	Draw Rope 1 (500m)	Drum	4
	026580	Internal small stores pack	Each	5
	026581	External small stores pack	Each	5
	099901	Miscellaneous Stores item	Each	
	099902	Miscellaneous Contractors Stores item	Each	
	076397	Blown Fibre Bundle Single mode 4/1000	Metre	
	061525	Blown Fibre Bundle Single mode 4/2000	Metre	
	047749	Inline mechanical closure x large	Each	
	055738	cable Optical fibre 8001	Metre	
	055750	Blown Fibre Tubing 7 PVC	Metre	
	055749	Blown Fibre Tubing 4 PVC	Metre	
	055748	Blow Fibre Tubing 2 PVC	Metre	
	055744	Blown Fibre Tubing 7 PE	Metre	
	055743	Blown Fibre Tubing 4 PE	Metre	
	075836	Otian Shelf bracket 2A	Each	
	075837	Otian Splicing Shelf 2A	Each	

	055774	Termination Optical Fibre 8001c/05m	Each	
	055775	Termination Optical Fibre 8001c/15m	Each	
	075907	Trunking 50x50 white (3M length)	Each	
	075908	Trunking 50x50 45 bend ext. bendex	Each	
	075910	Trunking 50x50 45 bend int bendex	Each	
	073207	Cap sealing 19a	Each	
	075812	Gas Seal Connector 5mm	Pack	
	075817	Tube connectors 5mm (pk10)	Pack	
	075146	Blown fibre Tube End cap 5mm (bag10)	Bag	
	073153	Protector Splice 3B	Box	
	055815	Termination Optical; SC 15M	Each	
	055816	Termination Optical; SC 15M	Each	
	023650	Termination Optical; SC/ACP 15M	Each	
	023327	Termination Optical; SC/ACP 5M	Each	
	076024	Otian Blown Fibre Gas Seal Box	Each	
	076085	Otian SFW transport Tube	Bag	
	076020	Otian Blown Fibre Dual Circuit Box	Each	
	028849	Blown Fibre drop tube (300m reel)	Metre	
	035590	100 PR CABLE LIMITED FIRE HAZARD 1581H	Metre	
	035237	40 PR CABLE LIMITED FIRE HAZARD 1540EH (MOD Approved)	Metre	
	035236	20 PR CABLE LIMITED FIRE HAZARD 1520EH (MOD Approved)	Metre	
	035235	04 PR CABLE LIMITED FIRE HAZARD 1504H (MOD Approved)	Metre	
	878451	BOX CONNEXION 505A	Each	

	314375	FRAME MOUNTING 5/30/10A	Each	
	008031	Cable Management Bar	Each	
	373902	LINE JACK UNIT 3/1A	Each	
Misc Items - Not Listed				
	055821	CABLE OPT FIBRE 200/48 FIBRES **(10 Days Purchase Lead Time)**		1000M
		CABLE OPT FIBRE 250/12 FIBRES **(10 Day Purchase Lead Time)**		600M

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-Additional Information Required from Openreach-

Wayleave Details/Prints/CSS Records/CSS Spares etc to aid the completion of the delivery estimate.