

## **Delegated Decision**

**13 June 2019**

### **Granting Of A Section 50 Licence To Install Private Gas and Electric Connections In Unclassified Oakerside Drive, Peterlee, County Durham**

**Ordinary Decision/Key Decision No.**



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## **Report of Network Management**

**Brian Buckley, Strategic Highways Manager**

### **Electoral division(s) affected:**

Passfield

### **Purpose of the Report**

- 1 To seek approval to grant a licence in accordance with Section 50 of the New Roads and Street Works Act 1991 (NRSWA) to enable Chapter Homes Ltd to install private gas and electric connections within the adopted highway.

### **Executive summary**

- 2 An application to install private gas and electric connections in Unclassified Oakerside Drive, Peterlee, County Durham has been submitted by Chapter Homes Ltd, County Hall, Durham, DH1 5UL

### **Recommendation**

- 3 In line with legislation allowing the installation of apparatus in the highway I suggest the application be permitted in accordance with current practice and procedure.

## Background

- 4 It is illegal to dig up the adopted highway without consent of the Highway Authority (Highways Act 1980 Section 131). The installation of apparatus within the highway is permissible under Section 50 of the New Roads And Street Works Act 1991 upon request / consent of the Highway Authority.

## Details of any alternative options considered and rejected when making the decision

- 5 As the works are not being undertaken by a statutory undertaker, there is no alternative other than to consider the apparatus as private, until such times as the connections are adopted by a statutory undertaker. Therefore, a licence under Section 50 of the New Roads and Street Works Act is required to authorise and control the proposed works.

## Main implications

### *Legal Implications*

- 6 A standard S50 Licence is to be signed by both parties and sealed. Details of the agreement are to be registered with the land registry, as appropriate. The Highway Authority is to record the agreement and inform the utility companies accordingly upon request about private apparatus in the highway

### *Finance Implications*

- 7 A licence fee of £824 has been paid. This licence fee incorporates administration, inspection, registration and legal fees.

## Conclusion

- 8 Decision to grant a licence in line with Section 50 of the New Roads And Street Works Act 1991. This section of the Act permits the installation of apparatus in the highway in line with the terms and conditions imposed by the Highway Authority for County Durham.

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**Contact:** Victoria Erskine

Tel: 03000 267 102

Brian Buckley

Tel: 03000 268 079

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## **Appendix 1: Implications**

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### **Legal Implications**

A standard S50 Licence is to be signed by both parties and sealed. Details of the agreement are to be registered with the land registry, as appropriate. The Highway Authority is to record the agreement and inform the utility companies accordingly upon request about private apparatus in the highway.

### **Finance**

A licence fee of £824 has been paid. This licence fee incorporates administration, inspection, registration and legal fees.

### **Consultation**

Consultations have been completed with relevant Durham County Council staff

### **Equality and Diversity / Public Sector Equality Duty**

Not applicable

### **Human Rights**

Not applicable

### **Crime and Disorder**

Not applicable

### **Staffing**

Not applicable

### **Accommodation**

Not applicable

### **Risk**

Not applicable

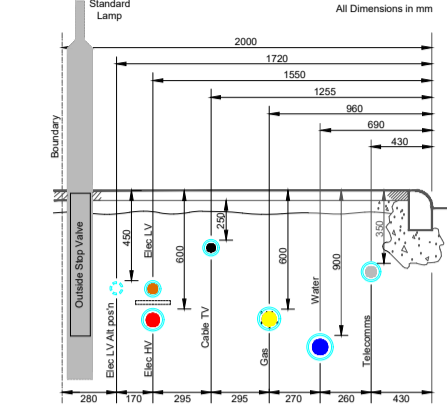
### **Procurement**

Not applicable

**Notes:**  
All mains, services and ducts that will contain electric cables must be overlaid with electric marker tape with 240mm ground cover.  
Mains and services should have a minimum of 250mm clearance from other utilities.

**Mains**  
Electric mains should be routed as per the project drawing and generally, mains shall be installed in accordance with the layout described in NJUG 7, which is shown in the diagram below.

**Recommended Arrangement of Mains in a 2m Footpath**



	Mains Depth (mm)			
	Verge	Footpath	Roadway	Agricultural
LV	450	500	600	1100
HV	600	600	750	1100

**Services**  
Unless otherwise stated, domestic services shall be of 35mm diameter. Services shall conform to the routes shown and should be installed in a direct line from the meter position to the main. All service cable ducts are to be 38mm black polypropylene ducting compliant with ENA TS 12-24. The services should be laid at a minimum depth of 450mm.

**Ducts**  
No service ducts are shown on drawing but are to be installed on site for all road crossings.

All ESP cable and ducts to have warning tape and tile to ESP specification.

All NPG cable and ducts to have warning tape and tile to NPG specification.

The developer is responsible for the installation of ducts at road crossings as shown and for all service ducts to each unit.

**Road Crossings - Mains & Services**  
All ESP/NPG road crossing cable ducts to be 150mm<sup>3</sup> black twin walled rigid duct to ENATS 12-24 marked "electric cable duct C1/C2" on opposing sides. Any sizes given on drawing(s) refer to internal diameter. All cables to be fully ducted in the road with marker tape cover.

**Dwelling Duct/Service**  
Install 38mm<sup>3</sup> continuous black polypropylene ducting from joint location to entry into dwellings - ducts to be compliant to ENATS 12-24.

**Material Specification:**  
All IDNO LV cable & accessories to ESP specification. All technical and compliance documents can be found at: [www.espeg.com/](http://www.espeg.com/)

All DNO LV cable & accessories to NPG specification. All technical and compliance documents can be found at: <https://myservices.northernpowergrid.com/connections>

All electrical installations must comply with BS 7671 - 17th Edition.

The LV cable will be 300mm<sup>2</sup> Al Waveform cable (CNE), 185mm<sup>2</sup> Al Waveform cable (CNE) and 95mm<sup>2</sup> Al Waveform cable (CNE).

All single phase services to be supplied via 35mm<sup>2</sup> (1) Al/Cu straight concentric.


**Civil Works**  
All on-site civil works to be undertaken by the client in accordance with the design supplied by EDES/Alconex.

EDES/Alconex will carry out all off-site excavation. All kerb lines must be installed or clearly detailed on site with width of footpath visible. Finished ground level marker must also be present with utility track correctly formed and marked.

ELECTRIC LEGEND	
	Existing LV Main
	Existing HV Main
	Proposed LV Main
	Proposed HV Main
	Proposed Service
	Meter Position
	Breach Joint
	Straight Joint
	Pot End
	2-Way Link Box
	4-Way Link Box
	125mm Duct

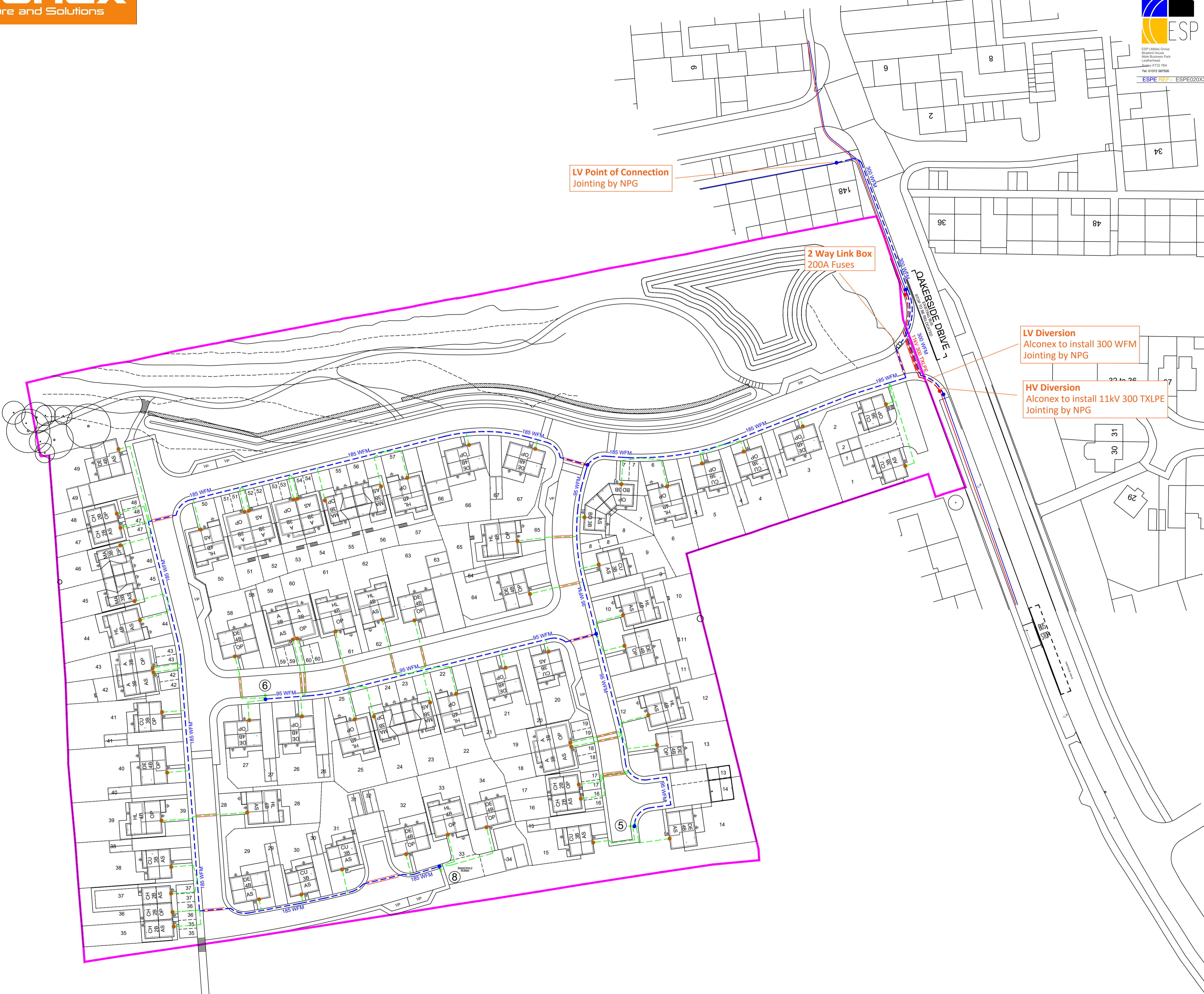
B	Mains route amended to footpath at plots 29-33	JB	GK	24/04/19
A	Preliminary	JB	GK	26/03/19
Rev:	Description:	Drawn:	App:	Date:

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Yew Tree Office, 55 Bridgewater Road, Mosley Common, Worsley, Manchester M5 3EZ  
T: 0161 676 6822 9447 [www.edes.co.uk](http://www.edes.co.uk)

Site Name:	Oakside Drive, Peterlee		
Developer:	Talent Solutions		
EDES Reference:	ALNE.104.6		
Drawing Title:	Proposed Electric Layout		
Drawing Number:	MU/ALNE.104.6.002		
Upstream DNO:	Northern Powergrid	Adopting IDNO:	ESP
DNO Ref:	EN05412948	IDNO Ref:	ESP021852
J Brown	G Kennedy	26/03/19	1:500 @ A1



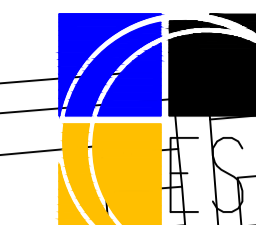
LV Point of Connection  
Joining by NPG

2 Way Link Box  
200A Fuses

LV Diversion  
Alconex to install 300 WFM  
Joining by NPG

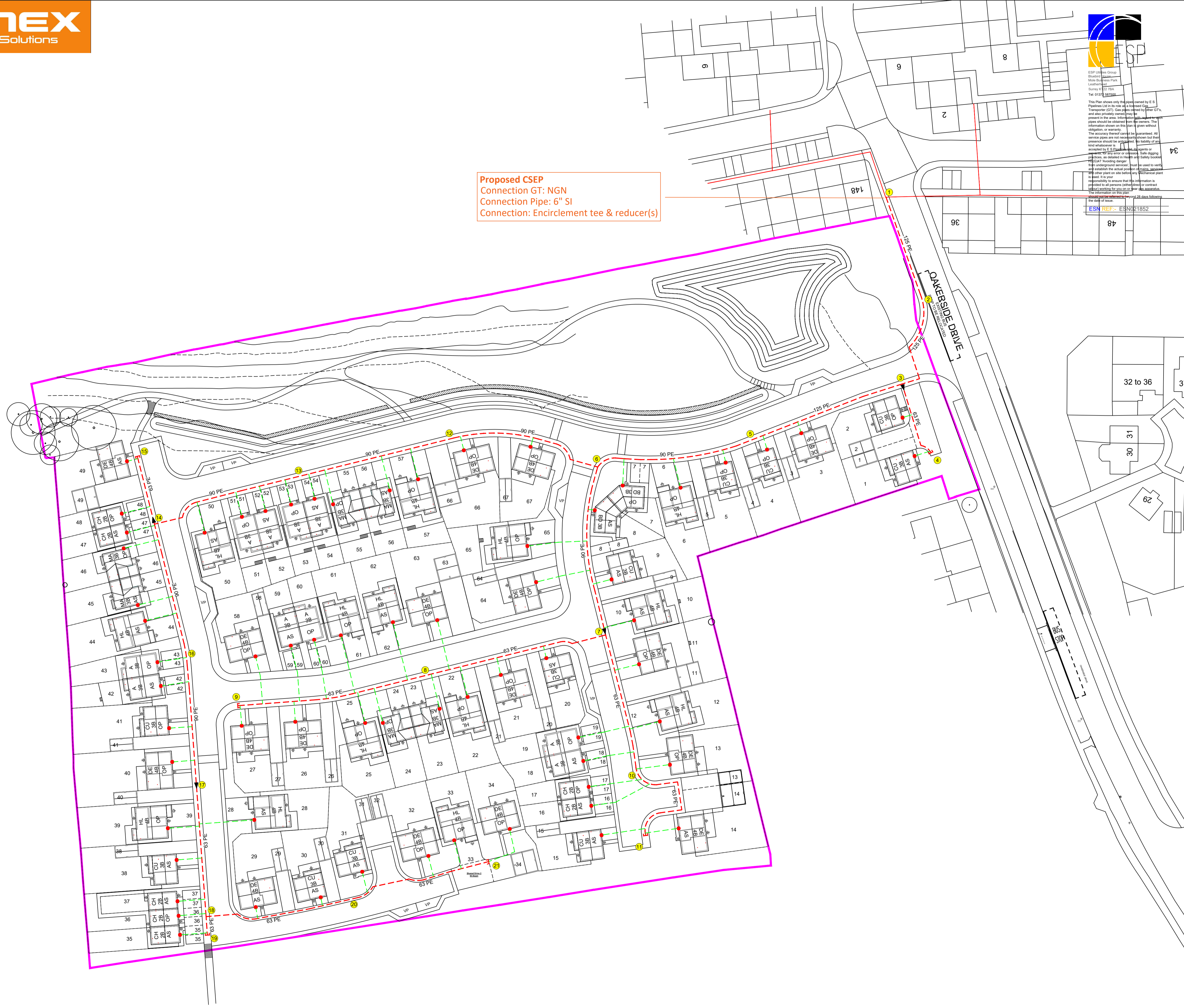
HV Diversion  
Alconex to install 11kV 300 TXLPE  
Joining by NPG

**DESIGN APPROVED**  
ESP - 26/04/19  
NPG - 16/04/19



ESP Utilities Group  
 55 Woodlands Park  
 Levenshulme  
 Survey No. 227 75A  
 Tel: 0171 227 2200  
 Fax: 0171 227 2201  
 Email: sales@esn.co.uk  
 Website: www.esn.co.uk  
 ESN REF: ESN021852

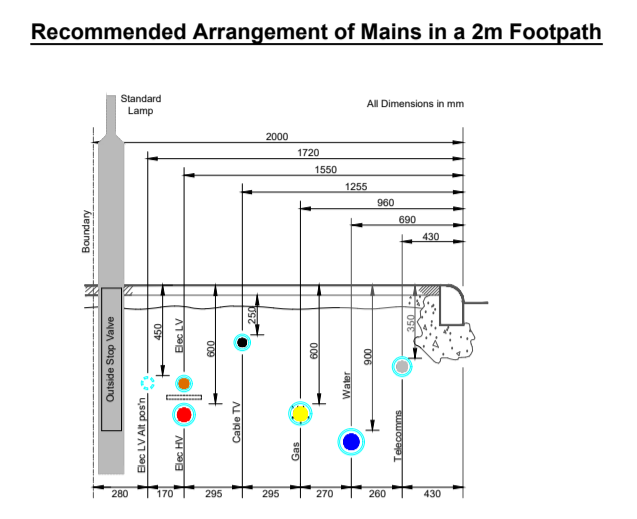
**Proposed CSEP**  
 Connection GT: NGN  
 Connection Pipe: 6" SI  
 Connection: Encirclement tee & reducer(s)



**Notes:**  
 Gas marker tape must be laid 150mm above any mains, services and ducts that will contain gas pipes. Mains and services should have a minimum of 250mm clearance from other utilities.

**Gas Pipe Depths**  
 Footways = 600mm cover  
 Roads = 750mm cover  
 Services = 450mm cover

**Mains**  
 Gas mains should be routed as per the project drawing and generally, mains shall be installed in accordance with the layout described in NJUG 7, which is shown in the diagram below:



**Minimum Proximity to Normally Occupied Buildings**

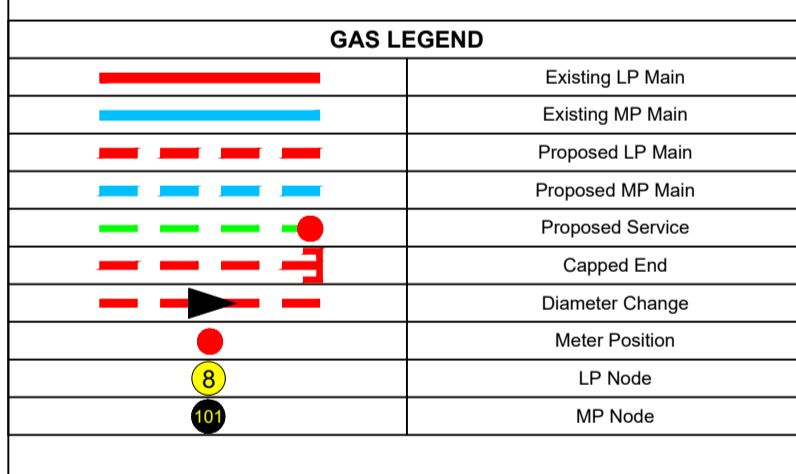
Diameter of main (mm)	Minimum Building Proximity (m)	
	LP: < 0 ≤ 75 mb	MP: > 75mb ≤ 2b
≤ 63	0.25	2.0
90 & 125	0.25	2.0
180, 250 & 315	1.0	2.0
355 & 400	1.0	4.0

**Meter Positions & Services**  
 Assume all meter positions shown indicate cavity/luni wall meter boxes unless otherwise stated. The use of semi-concealed meter boxes is no longer acceptable.  
 Services must be installed in a straight line perpendicular from the meter position to the main. Meters are to be located on the property facing the proposed gas main or on the gable within 2m from the elevation facing the main.  
 Service pipe must be installed by a qualified GIRS operator at a minimum depth of 450mm.

**Ducting**  
 Ducting for mains must be yellow and non-perforated and only used perpendicular carriageway crossings.  
 Ducting for services must be yellow and perforated along its entire length. Only one pipe is allowed per duct.

Diameter of Pipe (mm)	Duct Min. Internal Diameter (mm)
63	100
90	150
125	200
180 & 250	300
315	400

**Civil Works**  
 All on-site civil works to be undertaken by the client in accordance with the design supplied by EDES/Alconex.  
 EDES/Alconex will carry out all off-site excavation; all on-site excavation by client/others.  
 All kerb lines must be installed or clearly detailed on site with width of footpath visible. Finished ground level marker must also be present with utility track correctly formed and marked.



Rev.	Description	Drawn	App.	Date
B	Mains route amended to footpath at plots 29-33	JB	CR	24/04/19
A	Preliminary	JB	CR	28/03/19

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**DESIGN APPROVED**  
 NGN - 12/04/19  
 ESP - 25/04/19

Site Name:	Oakeside Drive, Peterlee		
Developer:	Tolent Solutions		
EDES Reference:	ALNE.104.6		
Drawing Title:	Proposed Gas Layout		
Drawing Number:	MU/ALNE.104.6.001	B	
Upstream GT:	NGN	IGT:	ESP
GT Ref:	N/A	IGT Ref:	ESN021852
Drawn by:	J Brown	Checked by:	C Roberts
Date:	28/03/19	Scale:	1:500
Sheet:	@ A1		