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Wey Valley, Dorchester Road, Weymouth

Utility Infrastructure Appraisal Report

SLR Ref : 408-03038-00047

April 2013

C.G. Fry & Son Limited

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1.0 INTRODUCTION

1.1 General

This report has been prepared by SLR Consulting Ltd on behalf of C.G Fry & Son Limited. It brings together findings of our utilities infrastructure search and appraisal undertaken for the proposed redevelopment of land to the south of Nottingham Lane, Weymouth, Dorset, known as Wey Valley.

1.2 Site location

The proposed development site is located to the north of Weymouth, between the town and the suburban village of Broadwey. The site is located off Nottingham Lane, just to the west of Dorchester Road (B3159). The site is currently agricultural land, however it is bounded along its eastern boundary by houses which front onto Dorchester Road and by the village of Nottingham located to the north-west. The site therefore benefits from existing electricity, gas, water and telecommunication services within close proximity to the site. A site location plan is included within Appendix A.

1.3 Development proposals

Development proposals are for between 300 and 500 new dwellings with associated public open spaces. At present there is no outline design for the development of the site and this assessment will inform the evolution of a masterplan for the site. The proposed development area consists of four agricultural fields located to the south of Nottingham Lane.

Loadings & Assumptions

Based upon Sewers for Adoption (SfA) and 'best practice', peak foul design flows for the proposed site are estimated to be c.13.9l/s to 23.1l/s (300 - 500 dwellings @ 4000l/day/dwelling). However, based upon Section 2.39 of Building Regulations 200 Part H (H1), a more realistic average foul flow generated by the development would be 1.3l/s - 2.2 l/s (300 - 500 dwellings @ 150l/person/day assuming 2.5 persons per dwelling).

Based on the Department of Trade and Industry (DTi)-Energy Trends data the total electrical loadings for proposed development would be between 1.27GWh and 2.12 Wh (Annual Load).

Based on average domestic gas consumption figures from Ofgem the estimated gas loadings for the proposed development at Wey Valley would be between 4.95GWh and 8.25GWh (Annual Load).

2.0 FOUL WATER DISPOSAL

2.1 Existing

Wessex Water (WW) is the incumbent water supply and sewerage utility company for the Weymouth area. Record plans indicate that as the application site is currently agricultural land it does not currently benefit from a direct connection to the public foul sewers in the area.

WW record plans confirm that foul and surface water sewers are located along Dorchester Road to the east of the site and in the vicinity of Nottingham Court to the north-west. A private rising main is located to the north-east of the site which appears to serve a small number of private dwellings off Dorchester Road / Nottingham Lane. Refer to Appendix B.

The existing foul sewers to the east of the site are located beneath Dorchester Road and receive foul flows from the houses which front onto the roads as well as from the housing estate to the south-east of the site.

Foul sewers to the north-west of the site serve properties located at Nottingham Court and run beneath the access road for a short distance before turning north-west and running beneath Nottingham Lane, away from the site.

The nearby public sewers typically consist of 150mmØ foul sewers.

A response from WW¹ (included within Appendix B) indicates that potential foul connections will be available to either the east, along Dorchester Road or to the west towards Nottingham Court. WW have however indicated that both systems are small diameter pipes with limited capacity to accommodate additional flows. Engineering appraisal will be required (to be undertaken by WW) to assess the capacity of the downstream system and capacity improvements made if required. Wessex Water can undertake this work at a cost of £2,000 and will take between 6 weeks and 18 weeks to complete the appraisal, dependent upon the complexity of the modelling works.

2.2 Proposed

Review of WW sewer record plans indicates that there is no requirement to divert any existing foul or water sewers to facilitate the development.

WW has indicated that given the topography of the site it may be necessary to split the discharge to the east and west and a pumping station may be required to facilitate discharge to the areas with the highest available capacity. WW have indicated that a connection can easily be made to the east of the site, along Dorchester Road, this discharge route would therefore be preferential.

A discharge to the west may require a third party land access agreement or possible requisition, making it a less favourable option, however WW have indicated that both existing systems have limited capacity and would therefore likely struggle to facilitate a development of this size.

¹ Wessex Water (9th December 2012) *Outline Application for Development of Around 154 Dwellings with Associated Vehicular Access to Residential Development – land at Silver Street & White Horse Way*, Ref: NW/ST97SE/143

Additional network modelling will be required to determine the current capacity of both potential discharge routes. This would be undertaken by Wessex Water at additional cost and be dependent on provision of an outline design for the site including indicative layout and property numbers.

As noted above a pumping station may be required on site to provide an appropriate discharge route. If this is the case then a new pumping station and rising main outfall will need to be requisitioned under a Section 98 of the Water Industry Act 1991. Requisition of an on-site pumping station and associated rising main has the advantage of affording the development an adopted outfall upon being implementation and commissioned.

As a statutory utility company the Act provides a legal means to undertake works within third party land in order to route sewers/water mains across third party land to an existing sewage pump station. In the event that there are capacity issues associated with the existing sewage pump station then there is an option to provide an on-site foul effluent balancing tank, with chemical dosing if required, in order to restrict flows to allowable rate to be confirmed by WW. Alternatively, provision of supplementary storage or pump upgrades may be feasible at the off-site pumping station itself.

If a pumping station is required, then provision within the masterplan for a 10x8m compound should be provided in accordance with recommendations with the latest edition of SfA. Typically a 15m 'no open window' zone measured from the compound perimeter should be allowed for within the development layout.

Any developer contribution associated with potential sewer requisition and any upgrading of the STW's will be determined at a later stage in the planning process and will be dictated by upfront infrastructure costs discounted against future revenue streams from connection charges and sewerage rates paid by future occupants of the development. When determining developer contributions for sewer requisition works, the build rates and phasing are a key consideration.

3.0 FLOOD RISK AND SURFACE WATER DISPOSAL

3.1 Existing

The site lies within the catchment of the River Wey, which runs in a southerly direction, approximately 150m to the north and west of the site. Ordnance Survey mapping indicates that several un-named drains are located within the site boundary including within the woodland in the north-west corner of the site and around the edge of the woodland located approximately across the central and western parts of the site. From the mapping it is unclear where these water features lead, however it is likely that they ultimately discharge to the River Wey.

Review of the Environment Agency (EA) Flood Zone Maps indicates that the site lies within Flood Zone 1 and has less than 0.1% annual probability of flooding each year. In relation to National Planning Policy Framework (NPPF), the proposed development is considered in flood risk terms to be 'low probability of flooding' and therefore mitigation measures will need to focus on the control of surface water run-off from the site in order to ensure that downstream flood risk to third parties is not exacerbated.

in line with NPPF guidance SuDS and / or attenuation should be provided within the proposed development to control surface water runoff to pre-development Greenfield runoff rates or less for all storm events up to and including a 1 in 100 year plus a 30% allowance for climate change event.

Currently surface water at the site typically drains to the River Wey either through the drains located on site or to groundwater, although it is noted that the underlying geology consist of low permeability Mudstone with soils classified as slowly permeable loamy and clayey soils², therefore infiltration to groundwater is likely to be limited and would result in relatively high rates of surface water run-off, particularly during wet periods of the year.

Surface Water sewers are shown to be located beneath Dorchester Road to the east of the site. The sewers run in a northerly direction before running north-west beneath Nottingham Lane prior to outfalling to a drain off Nottingham Lane.

A surface water drain is located within the site boundary within the north-west corner of the site. Consisting of a 225mmØ sewer receiving surface water from Nottingham Court the sewer runs in a north-easterly direction before outfalling to a natural drain which runs from the north-west corner of the site and discharges to the River Wey.

3.2 Proposed

Geological mapping of the area indicates that the site is located on Kellaways Formation consisting of interbedded Mudstones and Sandstones overlying Cornbrush formation, described as medium to fine grained limestone. Given the presence of sandstone horizons within the Kellays Formation and the underlying limestone the area is designated as a Secondary A aquifer, indicating that they are "*permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers*".

The Kellaways Formation are typically dominated by mudstones, with beds of calcareous siltstones and sandstones, while the limestone is typically recorded as thin (2m – 4m) and may be absent in areas, subsequently assessing the potential for discharge to groundwater will require a degree of site investigation as the permeability of the underlying strata could potentially vary substantially across the site.

Given the geological conditions it is possible that some degree of discharge to groundwater could be accommodated within the site if required, however this in all likelihood would only form a small part of a wider surface water management plan with discharge of runoff predominantly being to surface waterbodies or sewers.

Wessex Water has indicated that they would assume discharge would be via SUDS or to local watercourses and are unlikely to support discharge to their existing surface water sewers which are of small diameter and of limited capacity to accommodate additional flows.

A potential connection could be made to the existing surface water outfall located at the north-western corner of the site. The existing size and capacity of this outfall is unclear and further assessment will be required to determine if enhancement works are required. Alternatively a new outfall could be made either to the north or west of the site, either of these discharges may require a discharge route across third party land.

A new outfall to the River Wey would be dependent on obtaining a discharge consent from the Environment Agency and would require a detailed surface water management plan to be produced which limits the discharge to pre-development greenfield run-off rates. Surface water attenuation storage requirements would be set out within the Flood Risk Assessment (FRA) for the site being prepared by others on behalf of CG Fry.

² Cranfield University: National Soil Resource Institute, <https://www.landis.org.uk/soilscapes/>

4.0 WATER SUPPLY

4.1 Existing

Wessex Water is the incumbent supplier of potable water to the local area. At present there is no water supply to the site, however a 150mmØ and 180mmØ public water mains are located along Nottingham Lane to the north and Dorchester Road to the east. This watermain connects into Nottingham court in the north-western corner of the site runs beneath Nottingham Lane prior to connecting to the north-south trending watermain located beneath Dorchester Road to the north-east of the site.

Plans received from WW showing the location of existing plant are presented in Appendix B.

4.2 Proposed

Review of WW water main record plans would indicate that there is no requirement to divert any existing foul or water sewers to facilitate the development.

Connections to the existing water main could potentially be made either from the main which runs along to the northern boundary with Nottingham Lane or potentially to the water main along Dorchester Road via the access track located in the south-eastern corner of the site.

WW have however indicated that both water mains have limited available capacity and therefore off-site reinforcement works may well be required. A formal assessment of capacity issues and any associated network reinforcement works, together with any network modelling, will be required (to be undertaken by WW) to ascertain the extent of works that may be required in order to facilitate development at the site.

Correspondence with Wessex Water is contained in Appendix B.

5.0 ELECTRICITY SUPPLY

5.1 Existing

Scottish and Southern Energy (SSE) are the electricity company that control the existing local network in the vicinity of the site. Record drawings of their existing high voltage and low voltage cables have been obtained, they are shown in Appendix C.

SSE plans indicate that a 33kV underground cable is located within the site boundary, running around the eastern and northern edge of the southern half of the site. This cable runs beneath the access track in the south-eastern corner of the site prior to running in a northerly direction along the eastern boundary of the site, up to the boundary between the northern and southern fields, at which point it runs in a westerly direction along this boundary, approximately across the centre of the site before the underground cable connects to overhead pylons outside of the site boundary, within the field directly to the west.

An 11kV underground cable is also located beneath Nottingham Lane, the plans indicate that this cable may be located within the field to the north of Nottingham Lane. If this field is included within the development site then surveying should be undertaken to confirm the exact location of these cables.

Other 11kV underground cables are also located along Dorchester Road to the east of the site and along the access road to Nottingham Court to the north-west. All of these cables are located outside of the site boundary.

It was confirmed by SSE that the site is not served by, nor has in its vicinity, Extra High Voltage (EHV) cables. No other overhead cables were identified during the site walkover.

5.2 Proposed

An allowance for the 33kV underground cable will have to be made within the proposed development. SSE have indicated that typically any development should be designed to allow these cables to remain undisturbed and accessible to their present location. Discussions with SSE has indicated that these cables could feasibly be re-routed around the site, at the cost of the developer, an assessment of the works would need to be undertaken by SSE in order to provide a quote for these works.

The most economical approach will probably be to integrate a wayleave into the proposed development around the cable through the centre of the site and around the south-eastern boundary.

It is likely that a new connection will be possible via the 33kV cable currently within the site. It is likely that the high voltage supply will feed an 'intake' sub station that will form the link between the on-site and off-site supply. From the sub-station, the low voltage 240V supply will feed the development. From previous similar works it is anticipated that the cost associated with a new substation will be approximately £50,000 to £60,000. A sub station can typically support 250 to 300 properties so either one or two substations would be required, dependent upon the number of dwellings to be constructed.

Scottish and Southern Energy have indicated that they will need to undertake further feasibility work of the current capacity and the requirements of the client before they are able to give an indication of the cost of extending the network to the site boundary and any upgrade works which may be required. The cost of this assessment will be £630 (inclusive of VAT).

6.0 GAS SUPPLY

6.1 Existing

Southern Gas Networks (SGN) are the gas pipeline monitoring company in the vicinity of the site, records of their existing gas plant is contained in Appendix D.

The plans show that there are no gas plant located within the site boundary. The nearest plant consists of low pressure pipes running along Dorchester Road to the east of the site.

WWU indicate that no mechanical excavations are to be undertaken within 0.5m of low or medium pressure lines or within 3m of intermediate pressure systems.

6.2 Proposed

No gas plant is present on-site and it is therefore unlikely that any diversionary works will be required.

SGN have indicated that the nearest relevant main is the low pressure 150mmØ main located along Dorchester Road to the east of the site. This main is located 3m from the site boundary at its nearest location; SGN have indicated that they must be consulted prior to any works within 10m of any low or medium gas main, however it is considered unlikely that this will prove overly problematic. A connection to the site would be made along the access track in the south-eastern corner of the site.

SGN were unable to indicate whether reinforcement works would be required, additional modelling of the network will be required to confirm the available capacity of the existing gas network.

Correspondence from Southern Gas Networks is presented in Appendix D.

7.0 TELECOMMUNICATIONS SUPPLY

7.1 Existing

BT is the telecom supplier in the area. BT have underground services running beneath the roads along Nottingham Lane, to the north, and Dorchester Road to the east.

The underground cable along Nottingham Lane connects into Nottingham Court to the north-west of the site before running along the northern edge of the site along the side of the road. The underground plant subsequently crosses the road and runs along the southern boundary of the field to the north.

There are no overhead cables recorded within the vicinity of the site.

A plan showing the locations of BT plant is shown in Appendix E.

7.2 Proposed

It is unlikely that any diversion works will be required, the nearest underground plant runs along the southern edge of Nottingham Lane, although it is not thought to be located within the site boundary itself.

Connection to the existing BT network would either be via Nottingham Lane or along the access track in the south-east corner of the site. It is noted that a join box is already located approximately halfway along Nottingham Lane, just east of the woodland, making this the ideal location for a connection into the site.

On-site BT distribution will be laid underground via a network of ducts and draw pits.

BT have a policy with new developments that they will pay for the first £3400 of any installation and the client pays for the laying of the ducting (also free issue from BT) and any necessary inspection chambers at a value of around £650 each. Lead times for BT connections from order to ADSL conversion are typically around fifteen working days.

8.0 OTHER UTILITIES

A landmark utilities search has confirmed that no other services or utilities providers maintain plant within the vicinity of the site. A full list of all providers contacted is included in Appendix F.

It should also be noted that unrecorded or abandoned plant may be present within the site boundary which are not recorded within these plans and a full ground survey should be undertaken prior to commencing with any groundworks.

9.0 CONCLUSION

The overall conclusion drawn from the work undertaken is that there are no insurmountable issues associated with the provision of utilities infrastructure to serve the proposed development. The primary constraint is likely to be associated with the limited existing capacity of both the waste and water supply networks. Given the size of the potential

development (300 - 500 dwellings) it is considered likely that additional reinforcement works and / or network expansion works will be required. WW are not able to provide any details as to the likely extent and cost of any works required without undertaking detailed network modelling for which a more detailed masterplan would be required.

Potable mains water is supplied by Wessex Water who have confirmed that 150mmØ and 180mmØ water mains are present within the vicinity of the site, along Nottingham Lane to the north and Dorchester Road to the east. A connection could potentially be made to either of these mains, either along the northern site boundary or via the existing access track in the south-east corner. WW have indicated that there is limited available capacity within these networks and therefore off-site reinforcement works are likely to be required, Network modelling will need to be undertaken to confirm the nature and extent of any works required.

In terms of foul sewage disposal gravity systems are available to the east and west of the site, however both of these are small diameter systems with limited available capacity. Network modelling will need to be undertaken to confirm the existing capacity and to identify potential discharge routes. It is however likely that facilities may need to be provided onsite to provide capacity.

It is possible that a new pumping station/rising main will be required and the requirement to cross third party land will trigger the need to requisition an outfall under Section 98 of the Water Industry Act 1991 (recently updated by Water Act 2003). Requisition of an on-site pump station and associated rising main has the advantage of affording the development an adopted outfall upon being implemented and commissioned.

Surface water disposal would ideally be to a local watercourse, with discharges limited to pre-development greenfield run-off rates. The optimum discharge route would be to the existing outfall located in the north-west corner of the site, this would be assessed in further detail as part of an FRA to be produced as part of any future planning application.

Scottish and Southern Energy have indicated that an 33kV underground cable runs through the application site. This cable runs approximately through the centre of the site, following the existing field boundary in an east-west direction, prior to running in a southerly direction along the eastern boundary. SSE have indicated that any development should be designed to allow these cables to remain undisturbed. A wayleave of at least 3m either side of the cable will therefore need to be provided along the route of this cable.

The gas supply company in the vicinity of the site is Southern Gas Networks, who have confirmed that a connection is possible to the low pressure main which runs along Dorchester Road to the east of the site. Connection would be made via the access track located in the south-east corner of the site. Network modelling would be required to confirm available capacity and indicate any reinforcement works which may be required.

BT are the network service providers for the area. It is not anticipated that there will be any difficulties in supplying the proposed development.

There are no BT lines, gas lines, foul sewers, surface water sewers or water mains located within the site boundary and therefore there will be no diversionary works required with relation to these utilities. SSE have indicated that a 33kV underground cable is present within the site boundary and a wayleave is likely to need to be retained around these cables within the development layout.

10.0 CLOSURE

This report has been prepared by SLR Consulting Limited with all reasonable skill, care and diligence, and taking account of the manpower and resources devoted to it by agreement with the client. Information reported herein is based on the interpretation of data collected and has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of C.G Fry & Son Limited; no warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the client and others in respect of any matters outside the agreed scope of the work.

APPENDIX A



Edged Red 29.62 acres
 Edged Blue 4.26 acres
 Edged Green 4.23 acres
 Edged Orange 0.43 acres

TOTAL 38.54 acres

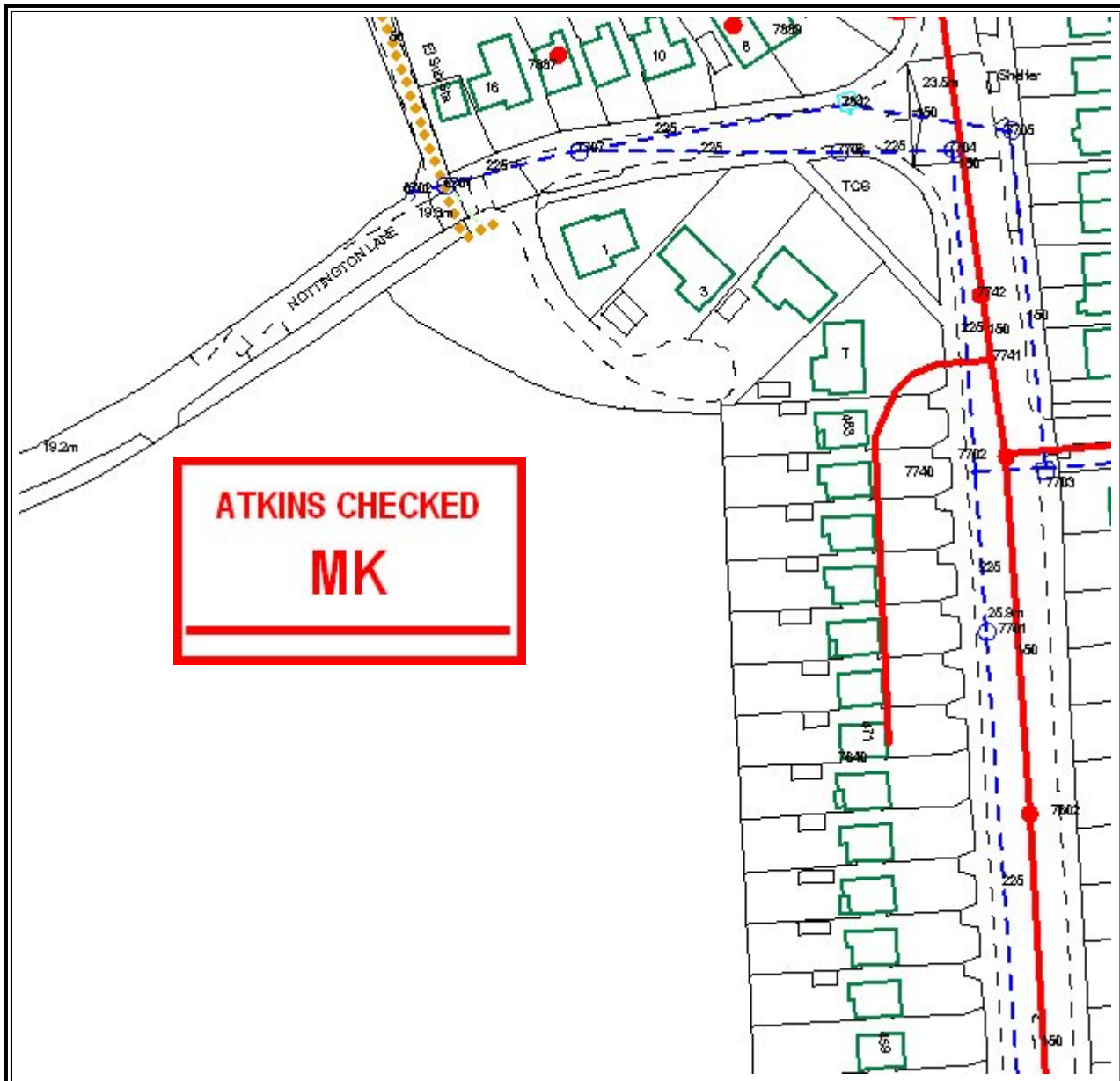
0m 50m 100m 150m

Land at Nottingham Lane/Dorchester Road
 Landowner Boundaries
 November 2012
 Scale 1:2500
 Subject to Land Registry/Title Check

APPENDIX B



Waste Network



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WATER MAINS

- Public ———
- Private - - - - -
- Abandoned
- Raw Water - - - - -

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--|--|
| Foul | ——— | - - - - - |
| Combined | ——— | - - - - - |
| Surface | - - - - - | |
| Rising Main | ——— | - - - - - |
| Culverted Water Course | ——— | |
| Highway Drain | - - - - - | |
| Effluent Disposal Main | - - - - - | |



Scale 1:1255.

Centre (366704, 82721).

22/01/2013 12:08:38

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Waste Network



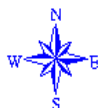
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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

Centre (366707, 82550).

22/01/2013 12:09:29

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WATER MAINS

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SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

Centre (366714, 82385).

22/01/2013 12:10:08

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Waste Network



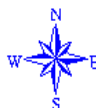
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WATER MAINS

- Public
- Private
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- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

Centre (366747, 82243).

22/01/2013 12:10:46

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Waste Network



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WATER MAINS

- Public
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- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

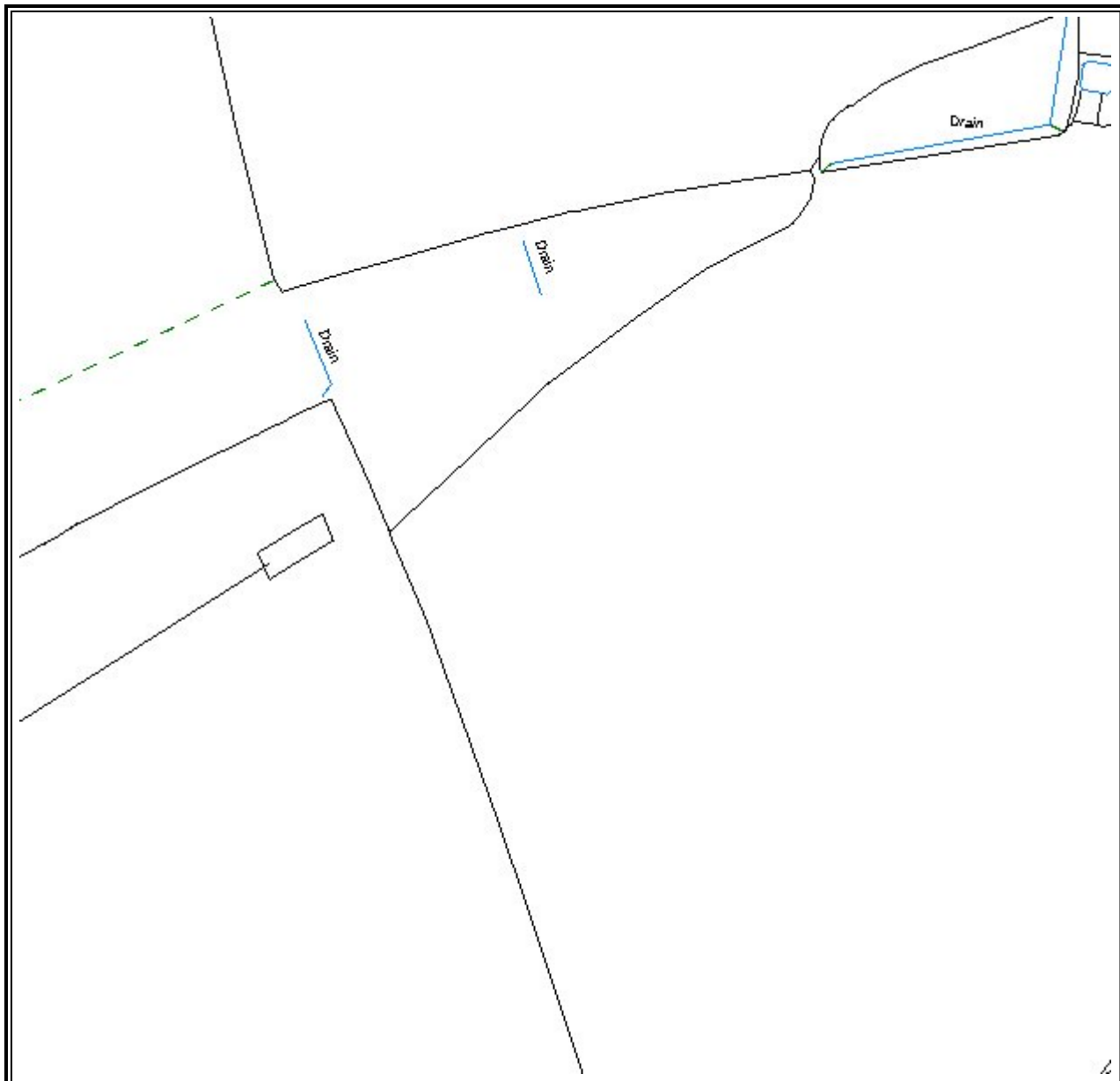
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Waste Network



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SEWERS

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Scale 1:1255.

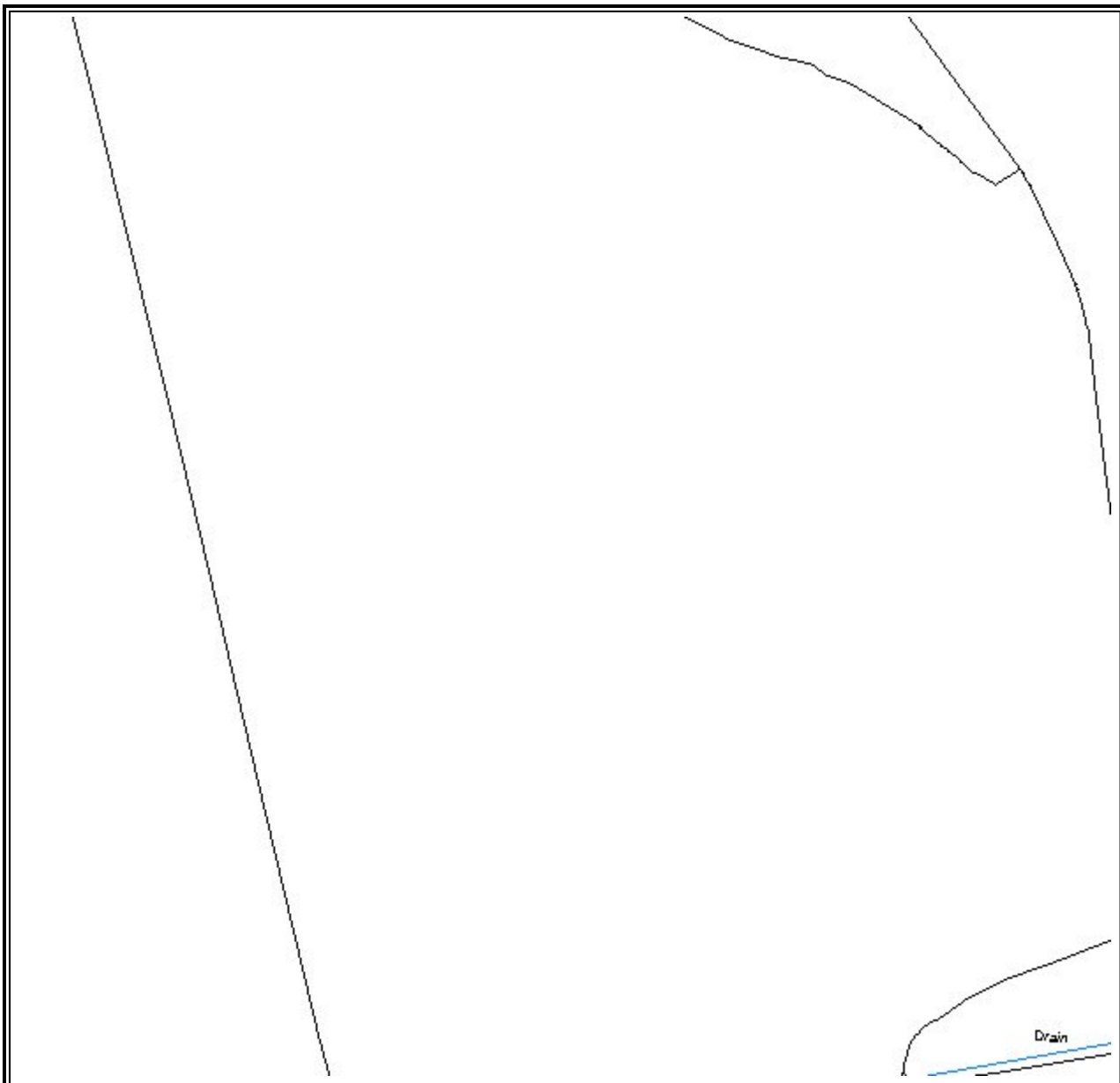
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Waste Network



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WATER MAINS

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SEWERS

- | | Public | Private/
Section 104 |
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| Foul | | |
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| Surface | | |
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Scale 1:1255.

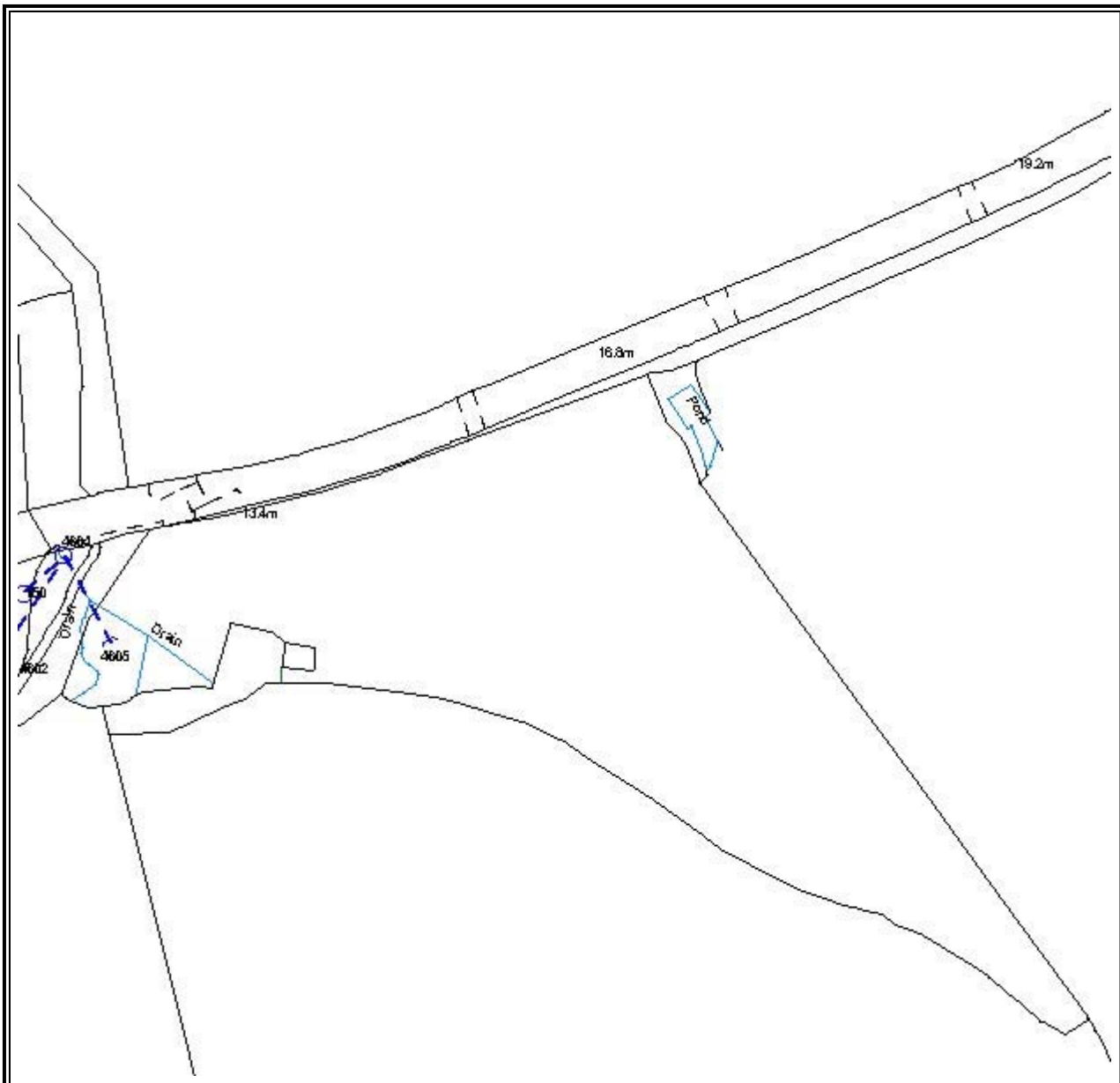
Centre (366534, 82509).

22/01/2013 12:12:42

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Waste Network



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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

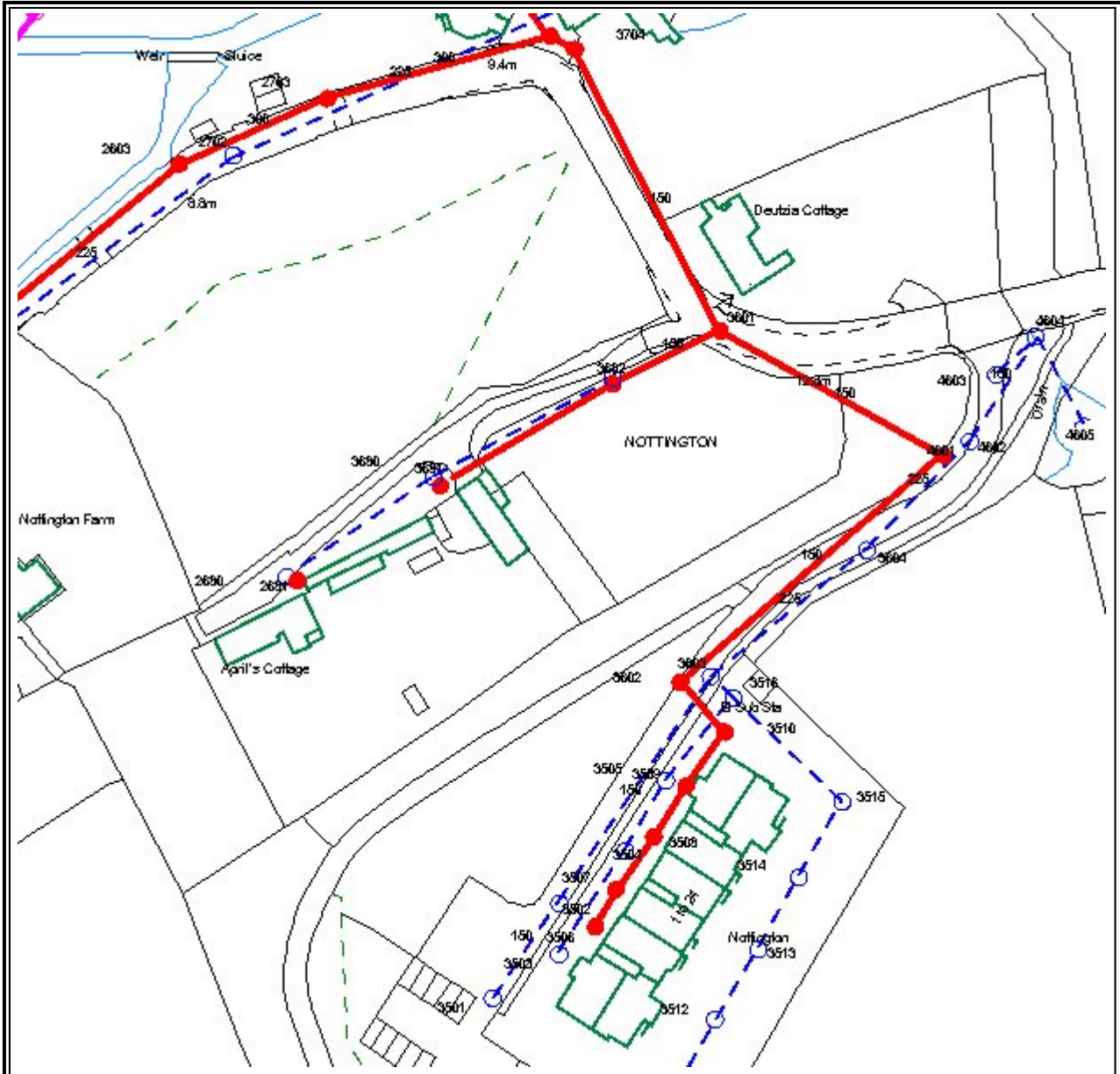
Centre (366521, 82668).

22/01/2013 12:13:16

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Waste Network



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WATER MAINS

- Public ———
- Private - - - - -
- Abandoned · · · · ·
- Raw Water - - - - -

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--|--|
| Foul | ——— | - - - - - |
| Combined | ——— | - - - - - |
| Surface | - - - - - | - - - - - |
| Rising Main | ——— | - - - - - |
| Culverted Water Course | ——— | |
| Highway Drain | - - - - - | |
| Effluent Disposal Main | - - - - - | |



Scale 1:1255.

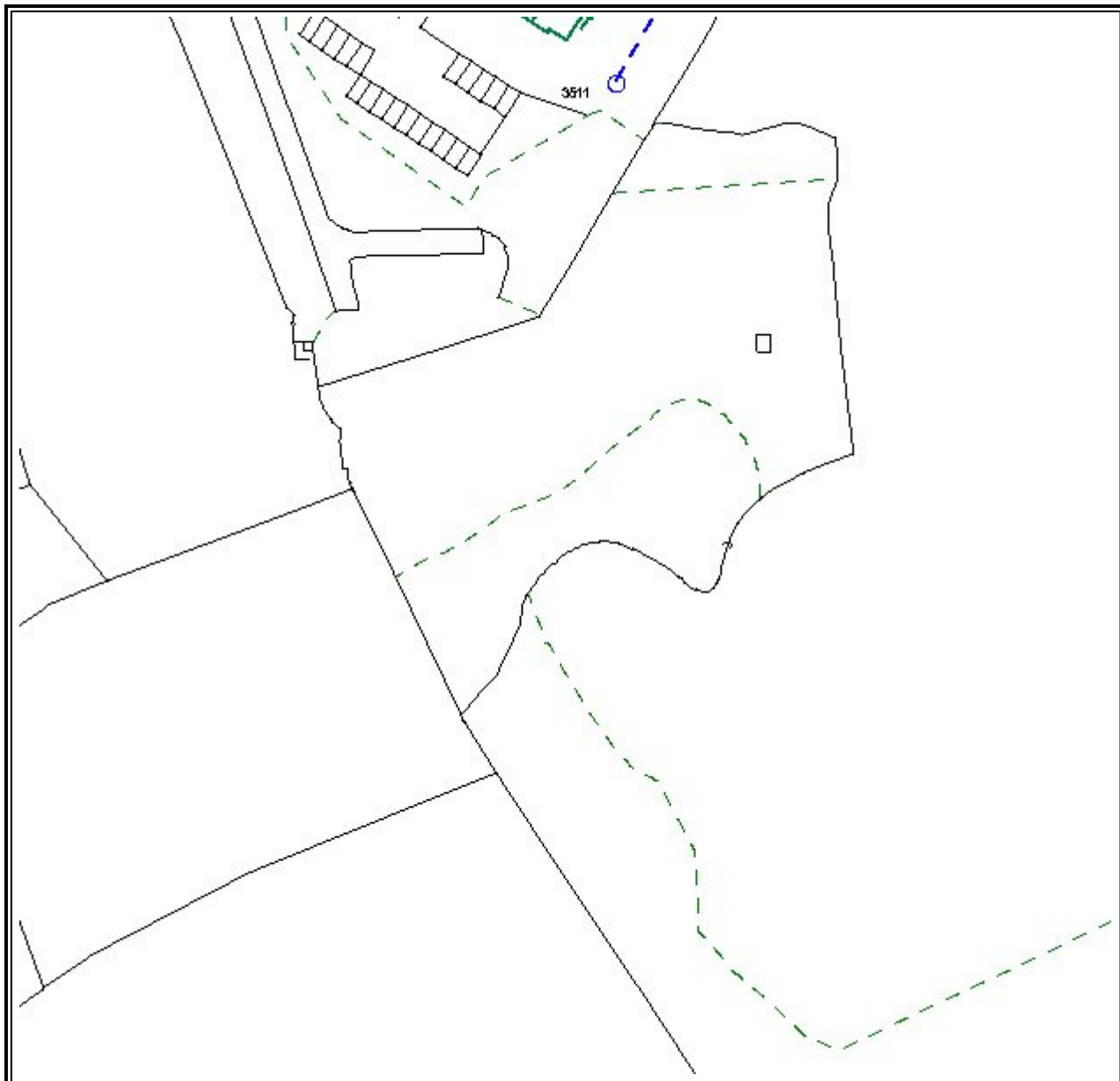
Centre (366338, 82628).

22/01/2013 12:13:54

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Waste Network



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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

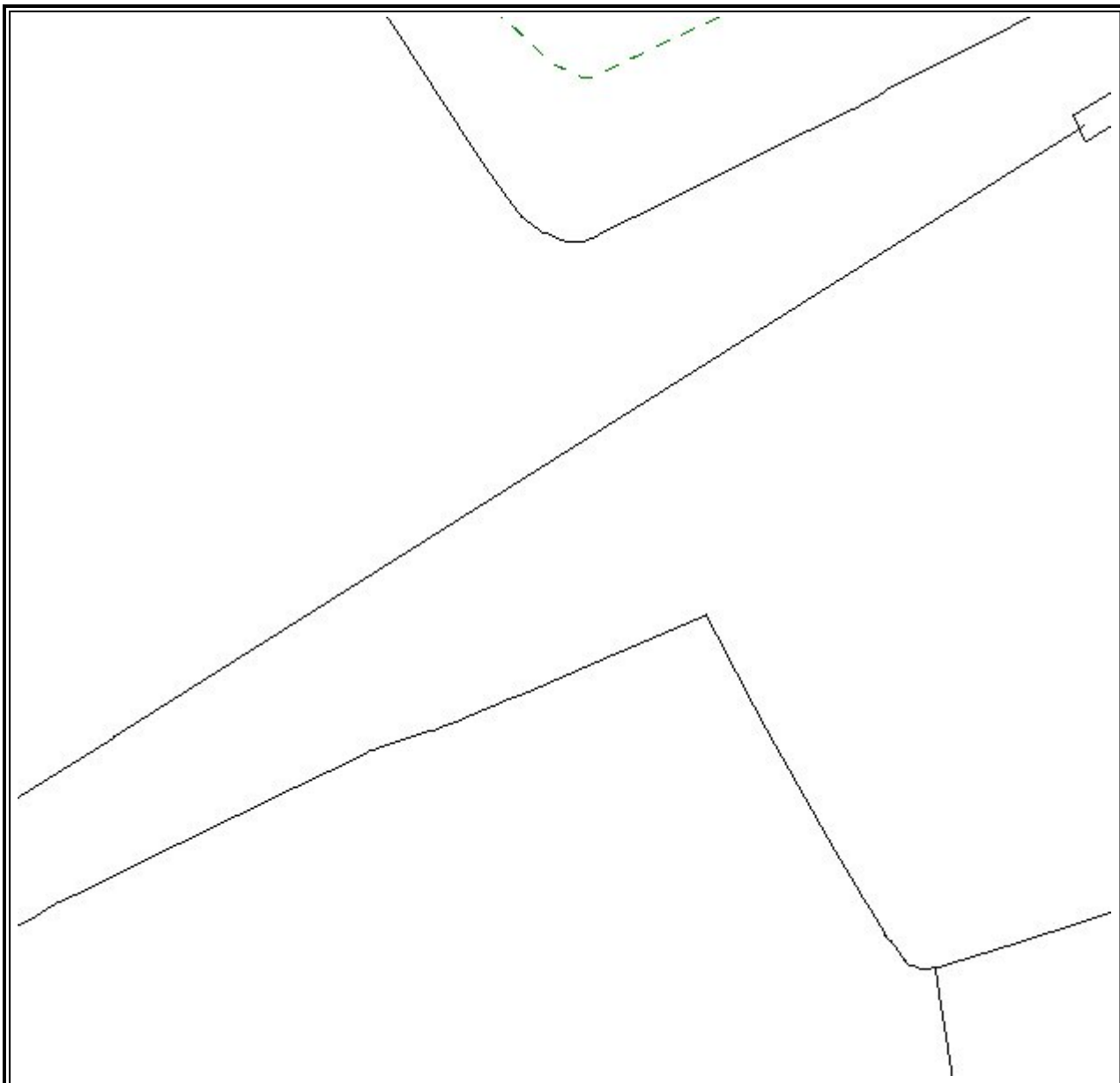
Centre (366350, 82438).

22/01/2013 12:14:30

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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

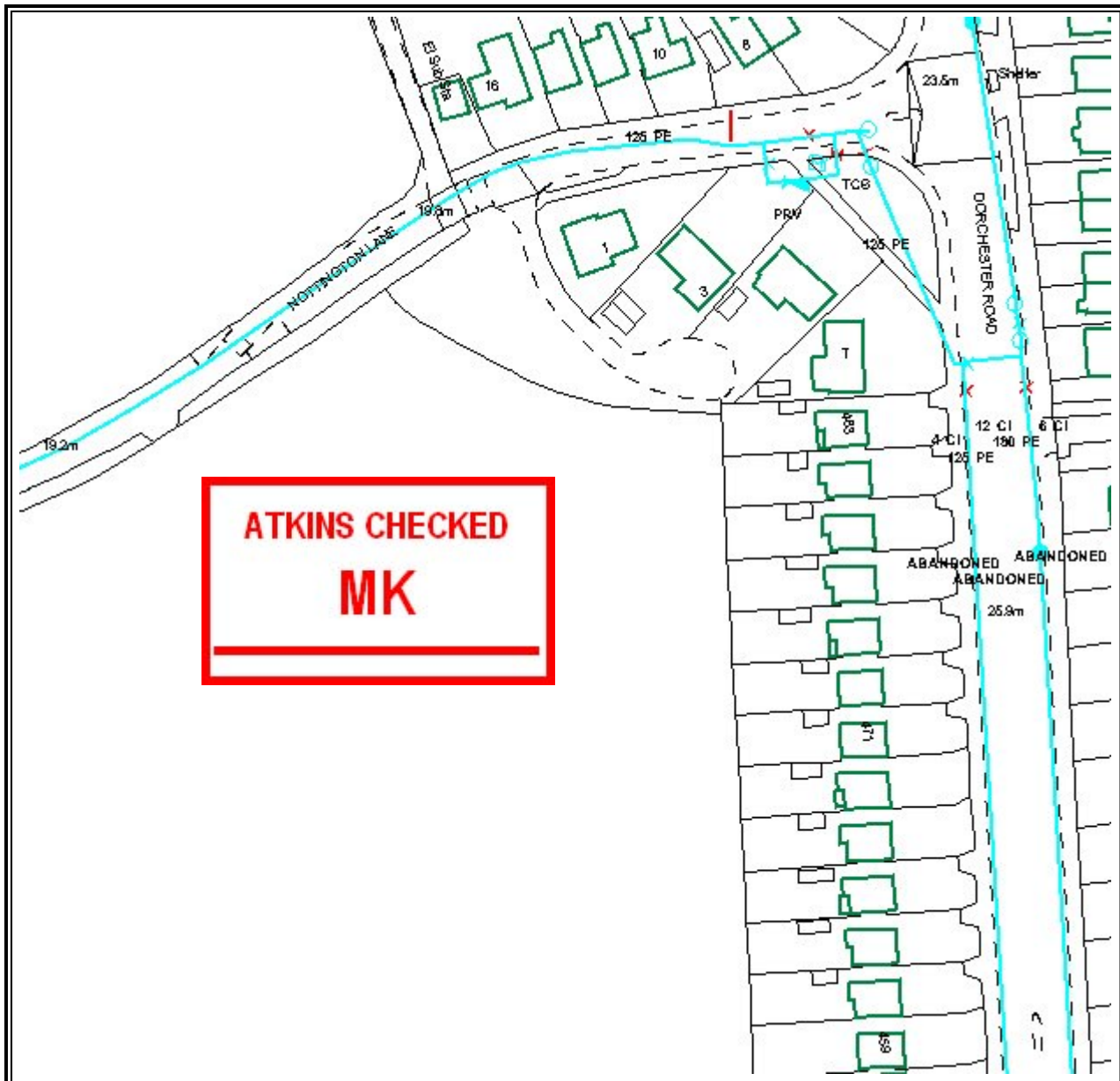
Centre (366397, 82256).

22/01/2013 12:15:45

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Supply Network



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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1255.

Centre (366704, 82721).

22/01/2013 11:41:23

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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

Centre (366707, 82550).

22/01/2013 11:43:18

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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

Centre (366714, 82385).

22/01/2013 11:44:53

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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|-------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |

- Culverted Water Course
- Highway Drain
- Effluent Disposal Main



Scale 1:1248.

Centre (366747, 82243).

22/01/2013 11:46:34

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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

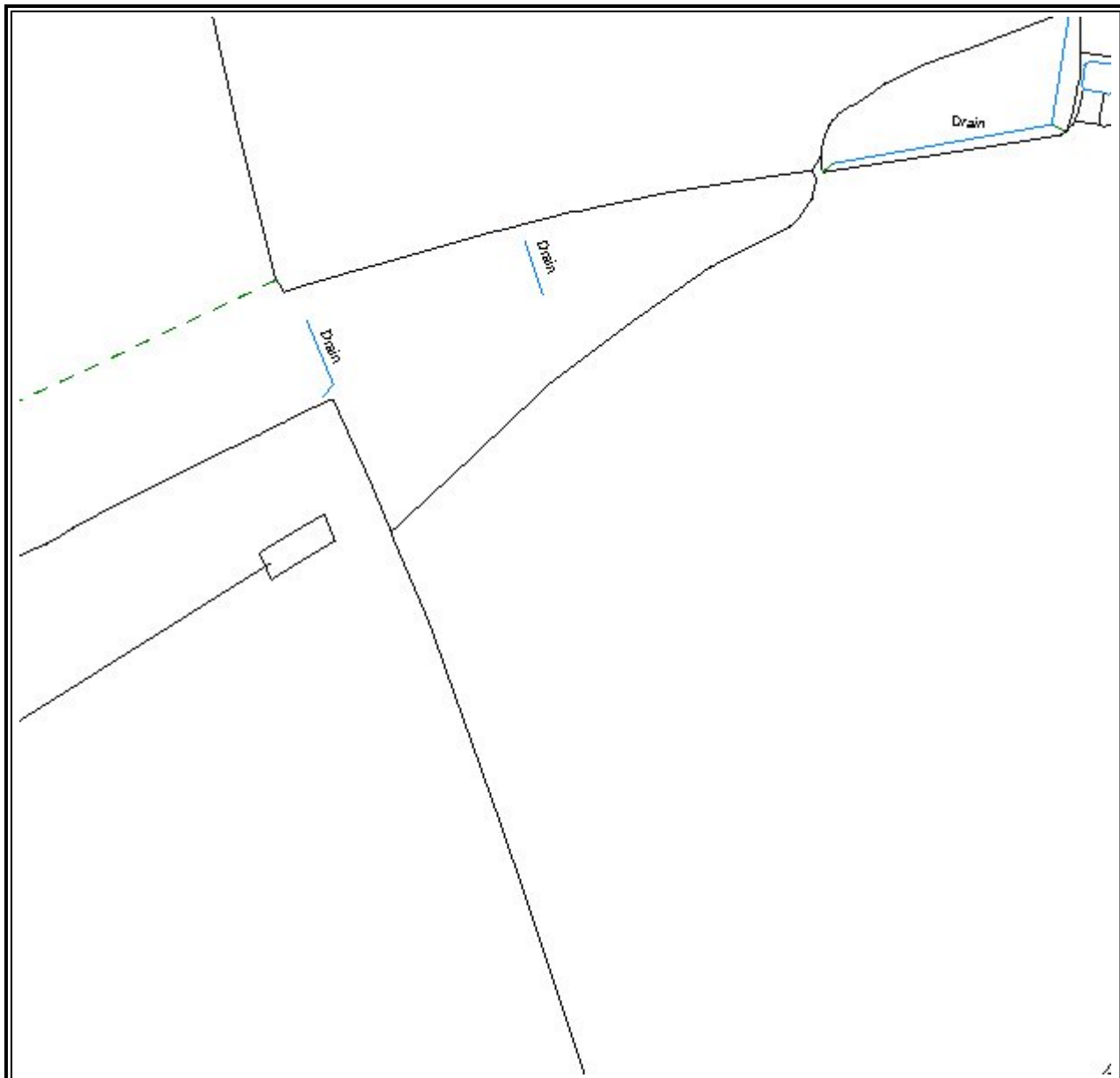
Centre (366563, 82189).

22/01/2013 11:48:23

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Supply Network



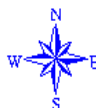
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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

Centre (366550, 82338).

22/01/2013 11:50:37

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Supply Network



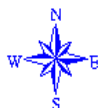
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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

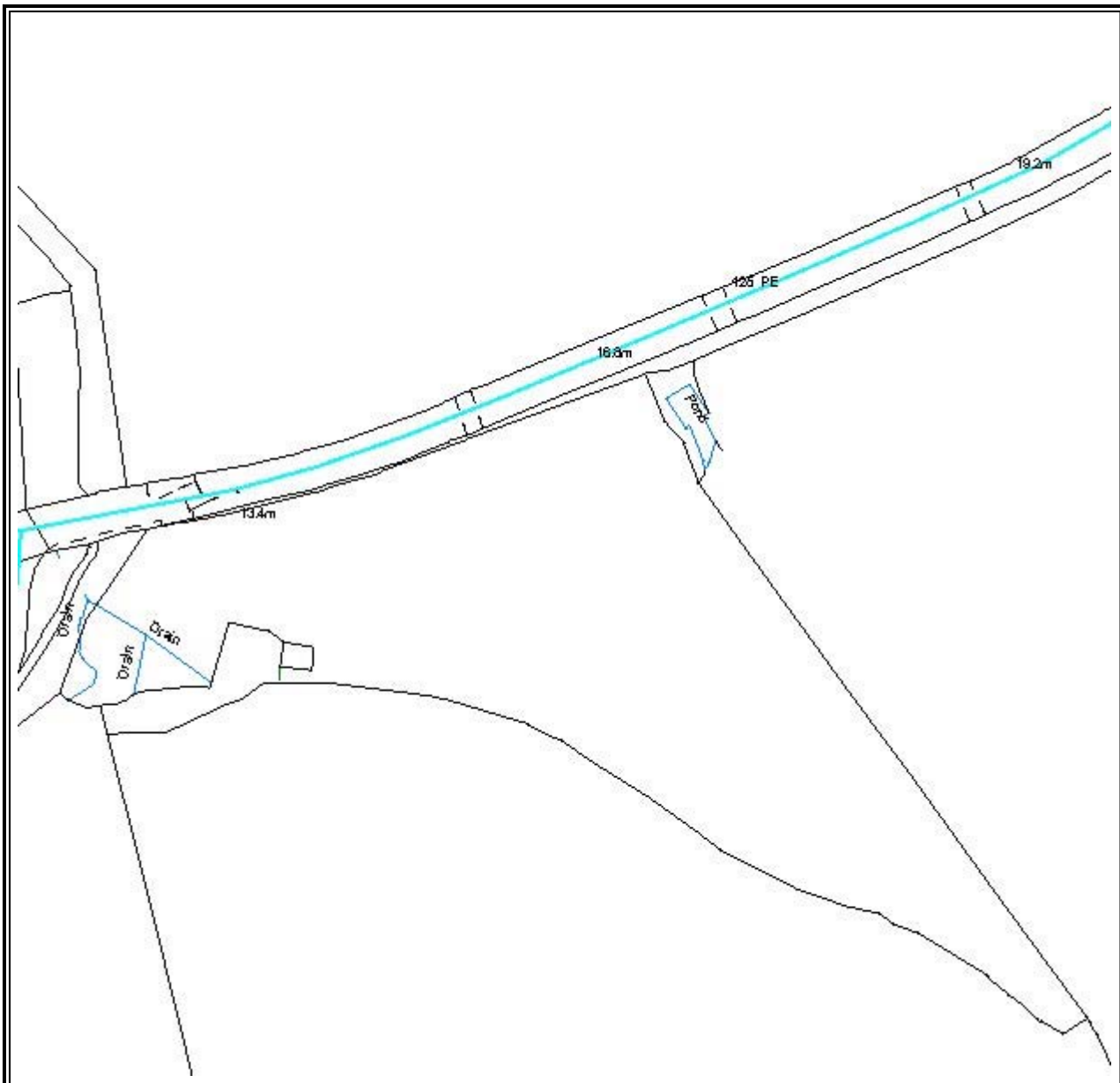
Centre (366534, 82509).

22/01/2013 11:53:15

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Supply Network



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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

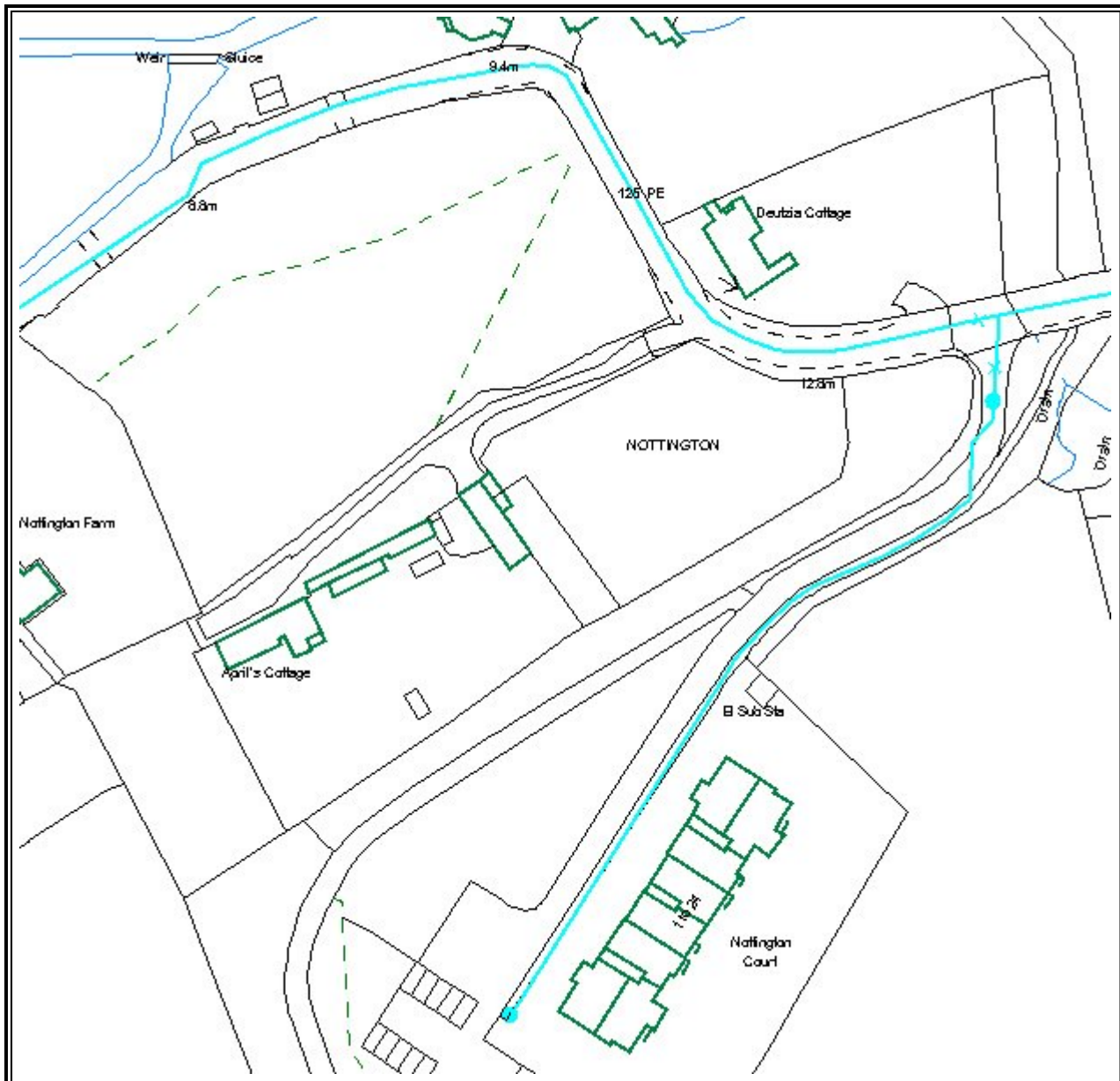
Centre (366521, 82668).

22/01/2013 11:54:53

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Supply Network



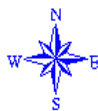
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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

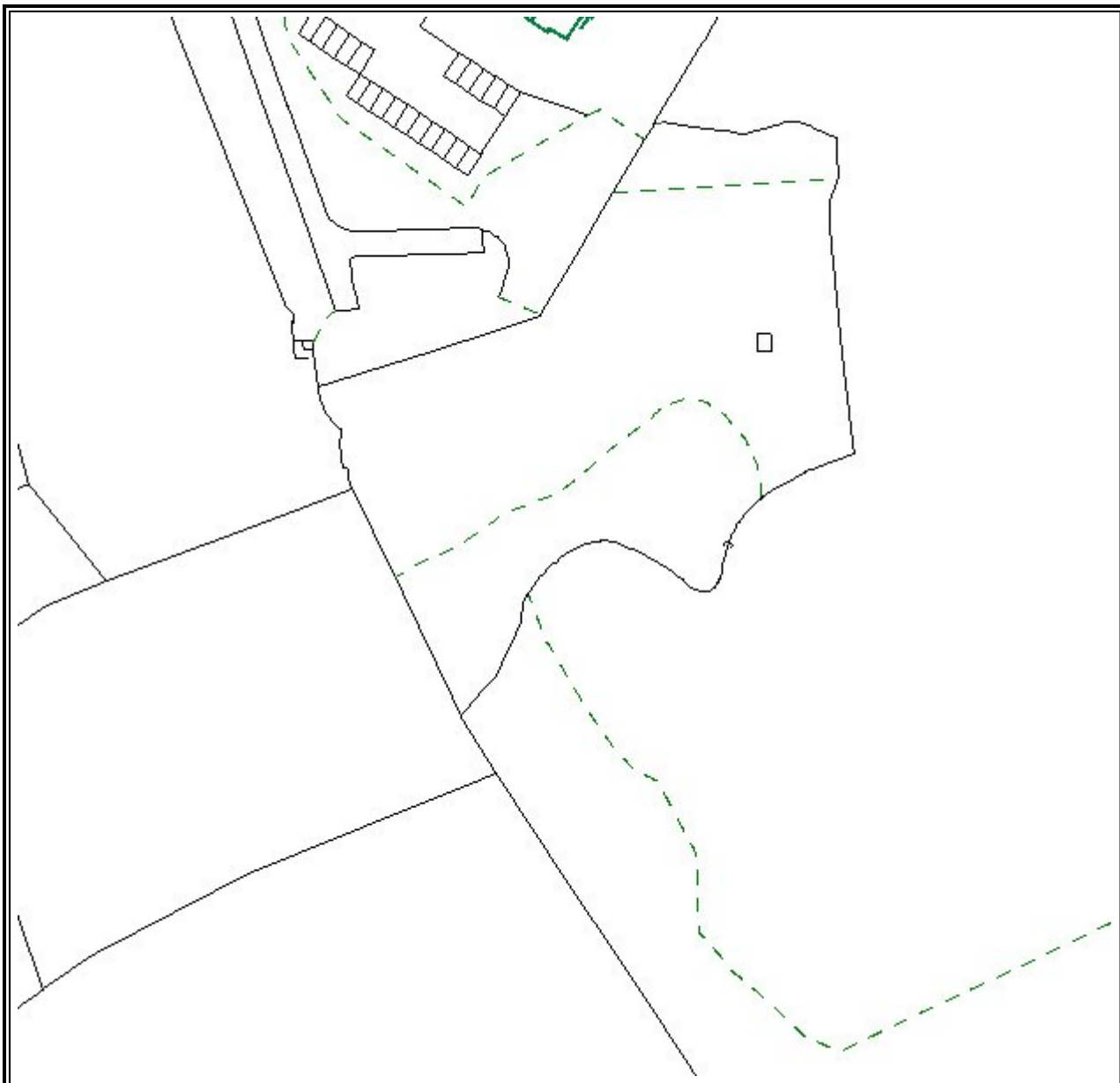
Centre (366338, 82628).

22/01/2013 11:56:33

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Supply Network



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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

Centre (366350, 82438).

22/01/2013 11:58:11

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Supply Network



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WATER MAINS

- Public
- Private
- Abandoned
- Raw Water

SEWERS

- | | Public | Private/
Section 104 |
|------------------------|--------|-------------------------|
| Foul | | |
| Combined | | |
| Surface | | |
| Rising Main | | |
| Culverted Water Course | | |
| Highway Drain | | |
| Effluent Disposal Main | | |



Scale 1:1248.

Centre (366397, 82256).

22/01/2013 12:03:01

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Stephen Muggeridge

From: Gillian Sanders [Gillian.Sanders@wessexwater.co.uk]
Sent: 27 February 2013 12:33
To: Stephen Muggeridge
Subject: WW Resp SY68SE_72 Nottingham Lane housing development, Weymouth, Dorset
Attachments: WW Map SY68SE_72 Nottingham Lane Weymouth.pdf

Dear Stephen,

Further to your email below I can advise:

Waste

- The site will be served by separate systems of drainage constructed to current adoptable standards please see Wessex Water's **Advice Note 16** for further guidance
- The gravity system to the east is small diameter and has limited capacity to accommodate additional flows.
- The gravity combined system to the west has limited capacity to accommodate additional flows.
- The ground levels across the site may result in the site being split and a pumping station may also be required.
- The plan shows easy access from the east, but to drain to the west may require third party land access agreement or possible requisition.
- Network Modelling will be required to determine capacity and points of connection; further details available upon request.

Supply

- There are 150mm and 180mm water mains in the local vicinity with limited available capacity.
- Points of connection and any necessary off site reinforcement to be determined by network modelling; further details upon request.

It is assumed that surface water will drain via SUDS arrangements / local watercourse.

I trust that you will find the above comments of use, however, please do not hesitate to contact me if you require further information or clarification.

Gillian Sanders

Planning Liaison

Phone: 01225 526303

Fax: 01225 528000

e-mail: gillian.sanders@wessexwater.co.uk

Web: www.wessexwater.co.uk

-----Original Message-----

From: Sarah Bull-Torreti

Sent: 12 February 2013 11:02

To: Gillian Sanders

Subject: FW: potential connection to new housing development, Weymouth, Dorset

From: Stephen Muggeridge [mailto:smuggeridge@slrconsulting.com]

Sent: 11 February 2013 15:16

To: Planning Liaison

Subject: potential connection to new housing development, Weymouth, Dorset

Dear Sir / Madam,

I work for a company called SLR consulting and are currently undertaking a utility appraisal for our client who is currently assessing the feasibility of developing land near Weymouth. The development is likely to consist of c.350 homes.

We are at this stage doing a utilities appraisal and it would be helpful if you could provide us with an indication as to the feasibility of connecting to your existing water supply and sewerage network, details as to whether there is capacity for such a development within your current system, and of possible details of any costs which may be involved in upgrading your network (if necessary) and making the connection to the site.

Given the early stage of development we are not looking for any detailed design at this stage, however an early indication of constraints which may be anticipated in the future would be very helpful.

The site is located on a parcel of land off Nottingham Lane to the north of Weymouth, near to the village of Nottingham, NGR: SY 665 825, i have attached a site plan for your convenience (the site includes the areas in red, blue, green and orange).

Kind Regards

Stephen Muggeridge
Senior Hydrogeologist
SLR Consulting Ltd

Email: smuggeridge@slrconsulting.com

Mob: +44 7807 075267

Tel: +44 1392 490152

Fax: +44 1392 495572

69 Polsloe Road, Exeter, EX1 2NF, United Kingdom

www.slrconsulting.com



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email :- support@wessexwater.co.uk

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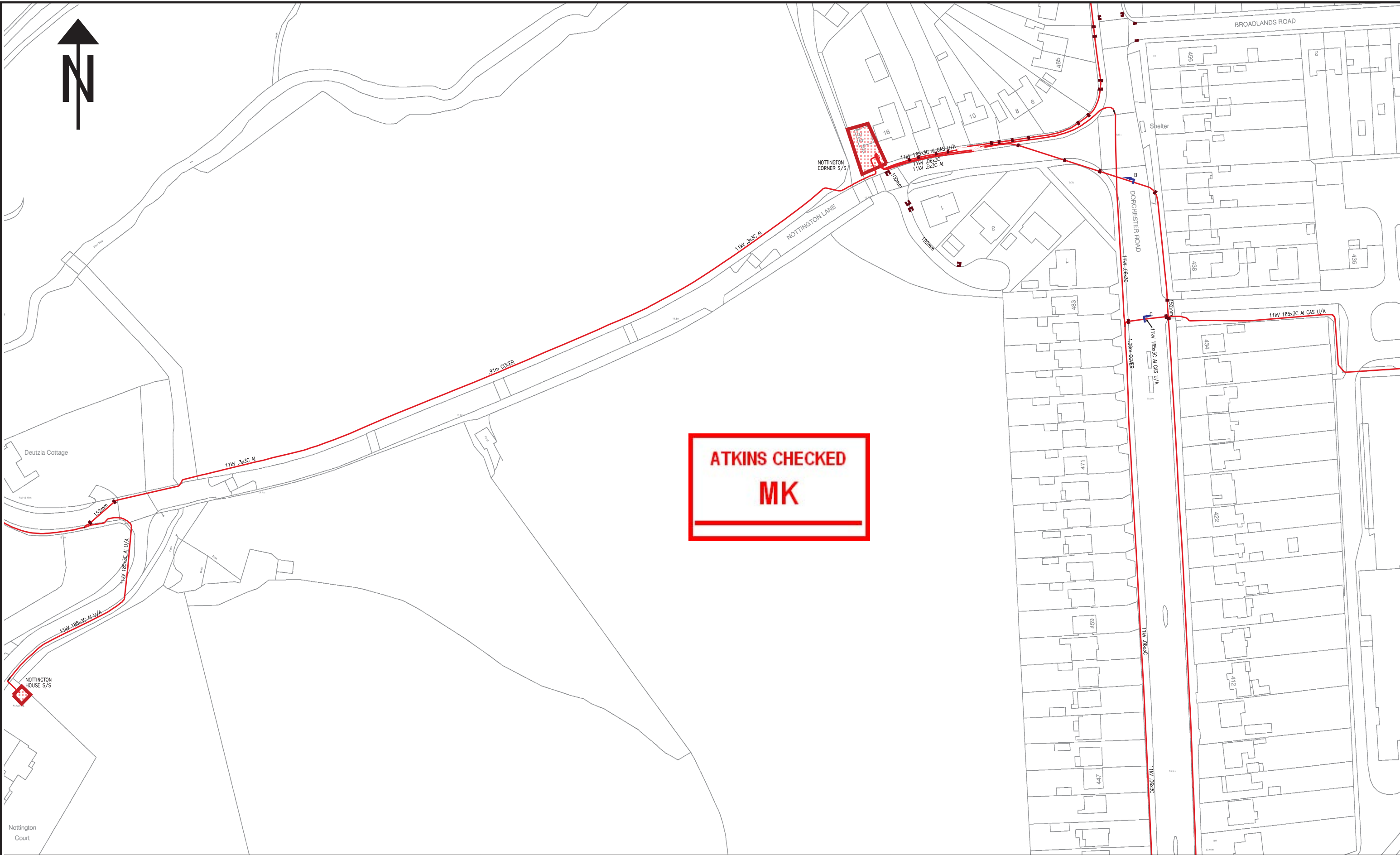
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ATKINS CHECKED
 MK

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (C) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HMSO)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G58 SHOULD BE CONSULTED. (AVAILABLE FROM HMSO)

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 200 Dunkeld Road,
 Perth, PH1 3AQ.

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H.V. MAINS RECORD	Grid Ref: SY66628269
POOLE 01202-784600	Scale: 1:1250
	Date: 22/01/2013



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HMSO)

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L.V. MAINS RECORD	Grid Ref: SY66628269
POOLE 01202-784600	Scale: 1:1250
	Date: 22/01/2013



WARNING

EHV CABLES & LINES IN PLOT AREA

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HMSO)

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Template: S1AS HBSWA COL A5 plot

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Registered Office: Inverlmond House
200 Dunkeld Road,
Perth, PH1 3AQ.

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Scottish and Southern Energy

H.V. MAINS RECORD		Grid Ref: SY66608243
POOLE 01202-784600	Scale: 1:1250	
		Date: 22/01/2013



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HMSO)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G56 SHOULD BE CONSULTED. (AVAILABLE FROM HMSO)

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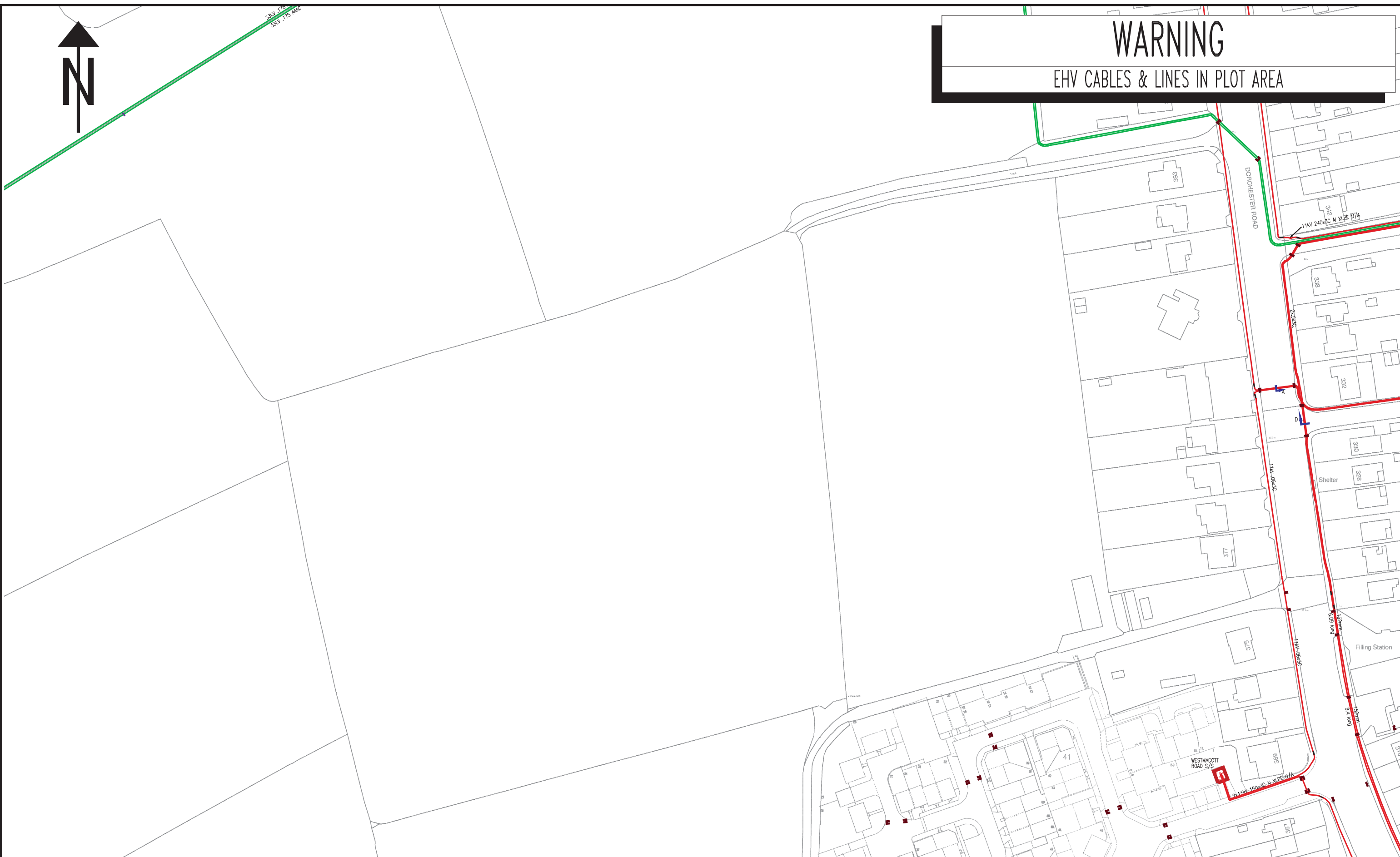
Scottish and Southern Energy

L.V. MAINS RECORD	Grid Ref: SY66608243
POOLE 01202-784600	Scale: 1:1250
	Date: 22/01/2013



WARNING

EHV CABLES & LINES IN PLOT AREA



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HMSO)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G58 SHOULD BE CONSULTED. (AVAILABLE FROM HMSO)

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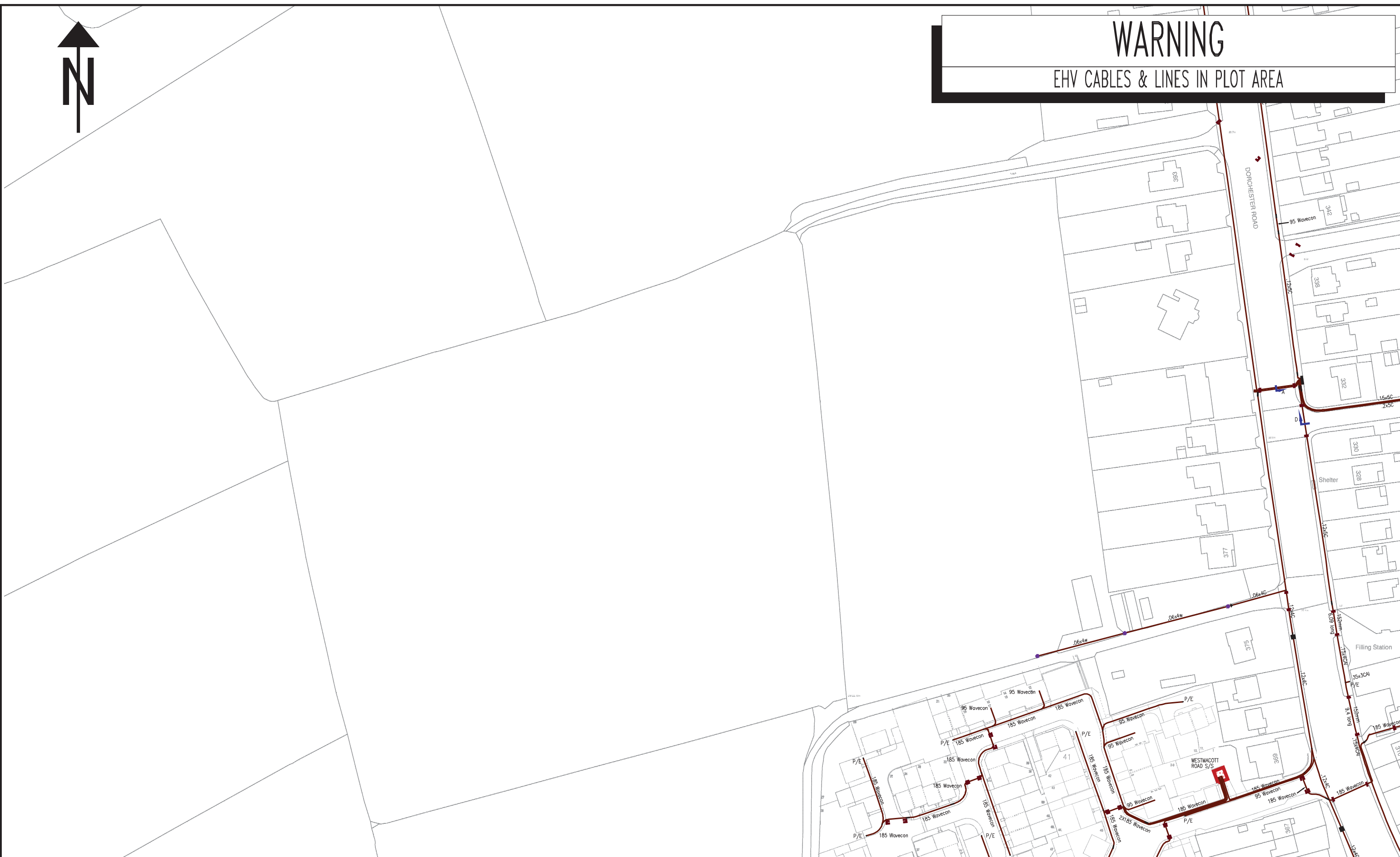
Scottish and Southern Energy

H.V. MAINS RECORD	Grid Ref: SY66628216
POOLE 01202-784600	Scale: 1:1250
	Date: 22/01/2013



WARNING

EHV CABLES & LINES IN PLOT AREA



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HMSO)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G38 SHOULD BE CONSULTED. (AVAILABLE FROM HMSO)

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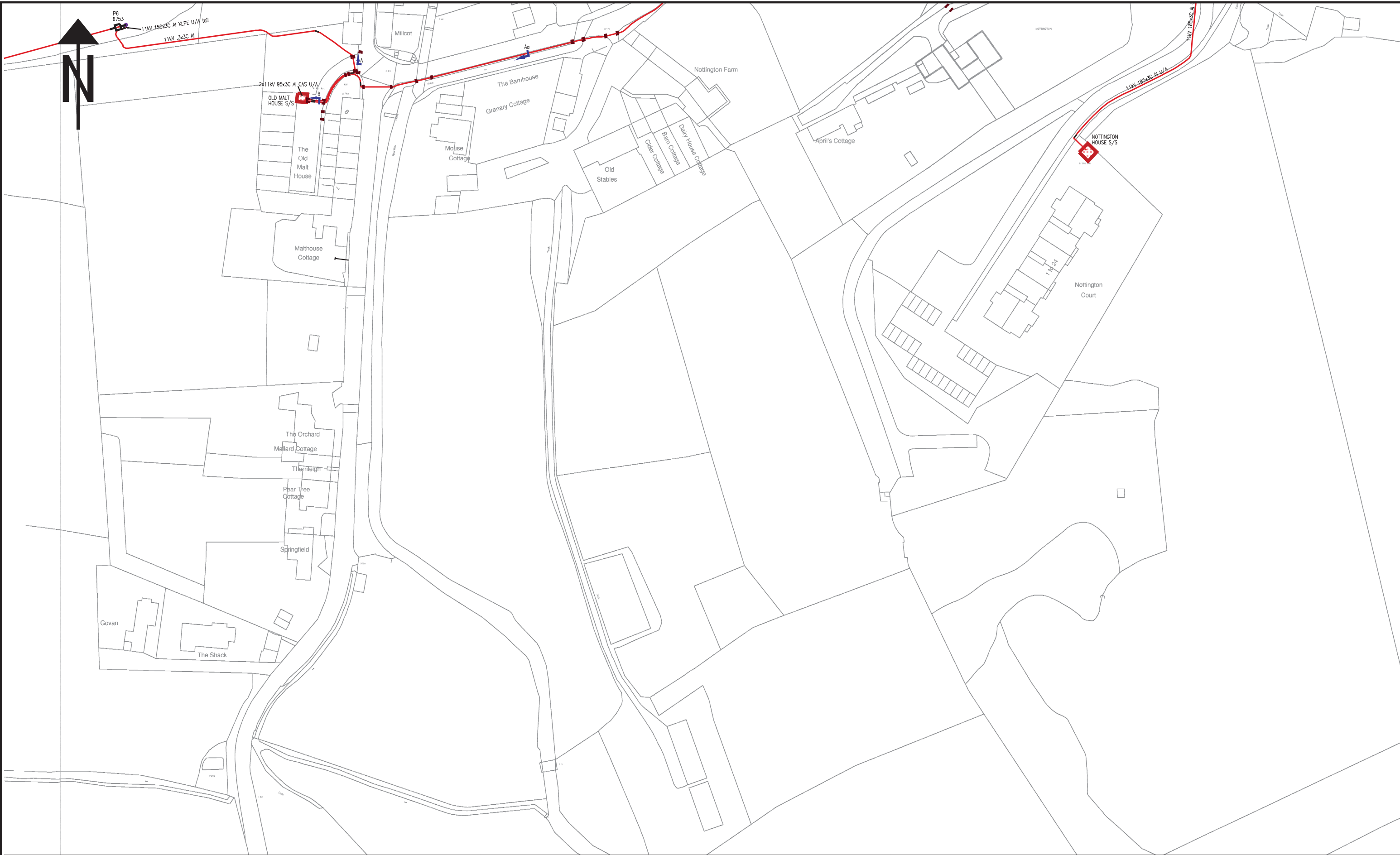
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L.V. MAINS RECORD

POOLE
01202 - 784600

Grid Ref:	SY66628216
Scale:	1:1250
Date:	22/01/2013



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

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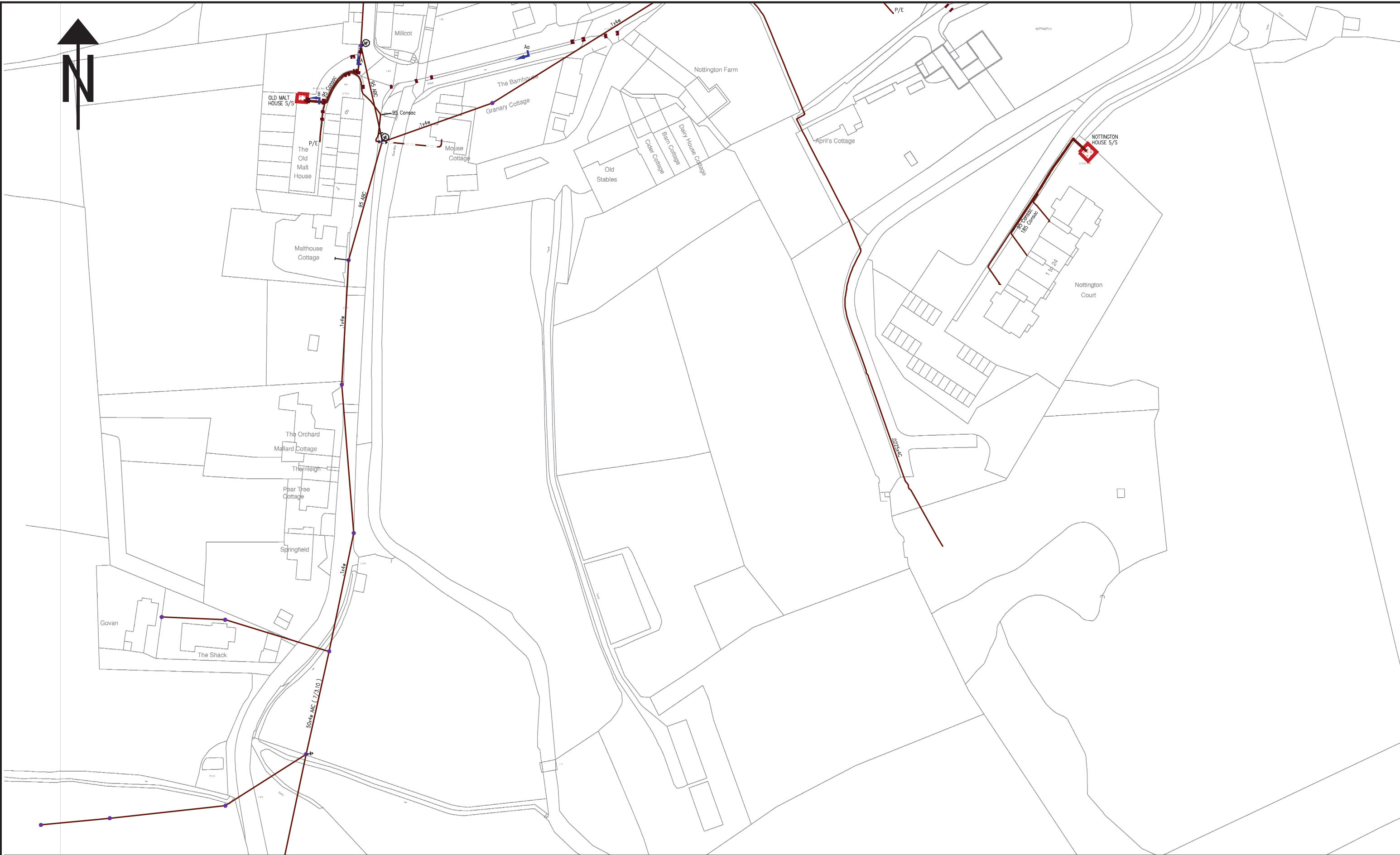
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H.V. MAINS RECORD		Grid Ref: SY66238249
POOLE 01202-784600		Scale: 1:1250
		Date: 22/01/2013



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID				
	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (G) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HMSO)

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L.V. MAINS RECORD

POOLE
01202-784600

Grid Ref:	SY66238249
Scale:	1:1250
Date:	22/01/2013

Watch it!

Safety advice brought to you by
Southern Electric Power Distribution plc and
Scottish Hydro Electric Power Distribution Ltd

These notes are intended to help all those who have to work in the vicinity of electrical apparatus. Employers have a legal obligation to ensure that their operatives are fully instructed in the correct procedures.

The Electricity at Work Regulations 1989 impose health and safety requirements upon employers, employees and self-employed persons with respect to electricity at work. The regulations impose restrictions on persons being engaged in work activities on or near live conductors.

Regulation 14 requires that: "No person shall be engaged in any work activity on or near any live conductor (other than one suitably covered with insulating material so as to prevent danger) that danger may arise unless:

- ◆ it is **unreasonable** in all circumstances for it to be dead; and
- ◆ it is **reasonable** in all circumstances for him to be at work on or near it while it is live; and
- ◆ suitable precautions (including where necessary the provision of suitable protective equipment) are taken to prevent injury."

The purpose of the regulations is to require precautions to be taken against the risk of death or personal injury from electricity in work activities.

Publications

The Health and Safety Executive have produced a document entitled 'Avoiding Danger from Underground Services', and the Appendix 1 deals specifically with electric cables. Copies are available from HMSO's Accredited Agents and good booksellers, Ref. HS (G) 47.

Copies of Health and Safety Guidance note GS 6 relating to safe working in proximity to overhead lines, are available from HMSO Head Offices of the Federation of Civil Engineering Contractors and the National Federation of Building Trades Employers.

Note

In situations of emergency or danger, or where the advice contained in these notes cannot be followed, you must consult Scottish and Southern Energy plc immediately. Tel. 08457 708090 for southern England or 0800 300999 for Scotland.

Additional copies of these "Watch it!" leaflets can be obtained from our Mapping Services office upon request. Tel. 01256 337294, or Fax 01256 337295.

You must read and accept the following safety notes as part of the contract to receive our network plans. You will have the option to print these and issue them to site staff.

Watch it! - Working in the vicinity of underground cables.

Our plans show the positions and normal depths for the buried cables and pipes at the time when they were installed. However, alterations to road alignments surface levels and buildings may have occurred subsequently without our knowledge. If you discover plant or cables that are not marked or incorrectly marked, then you are required to contact us as soon as possible to give us the opportunity to amend our plans.

These plans show the equipment owned by Scottish and Southern Energy plc. There may be other privately owned plant in the area, which is outside of our control. You should always check with the Local Authority, National Grid Company, Department of the Environment, other Electricity Companies and other utilities before proceeding.

It is not intended that the issue of these plans will absolve either party from their obligation under any of the acts that control digging in the public highways.

Supplies To Properties, etc.

The location of cables supplying individual properties, street lighting, traffic signs, telephone kiosks etc. are not always shown on the plans. You should assume that each property, streetlight etc. will have its own supply cable.

Major Circuits

Where our plans indicate the presence of cables with a voltage exceeding 11,000 volts, you are advised to contact our local depot (telephone number is on the plans), before commencing any excavations within the vicinity of these cables. These major transmission circuits form an extremely important link in Scottish and Southern Energy's network, and damaging or modifying these circuits is a major and costly undertaking. Any development should therefore be designed to allow these circuits to remain undisturbed and accessible in their present location.

For your own and your workmates' safety, please follow the **do's** and **don'ts** listed below:

- ✓ **do** make sure you have plans of the underground cables in the area **before** any excavation work starts. Remember that some cables may not be shown on plans. If carrying out emergency work, excavate as though there are buried live cables in the vicinity.
- ✓ **do** use a cable locator to determine the position of existing cables in the work area. The positions should be marked and tests made as work proceeds. **If in doubt, get advice from your supervisor.**
- ✓ **do** ask for a cable to be made dead if it is buried in concrete.
- ✓ **do** watch for signs of cables as work progresses. Note any marker-tape or cable-cover, which may be exposed.

- ✓ **do** backfill carefully, using stone-free soil around the cables, replacing marker-tapes and / or covers.
- ✓ **do** notify us immediately if you accidentally damage our cables. Arrange to keep people well clear of a cable that has been damaged until we have confirmed it has been made safe.
- ✓ **do** make sure before starting to demolish a building that all cables have been disconnected. We welcome prior notice of the intention to demolish buildings. This enables us to ensure that the site has been made safe electrically.
- ✓ **don't** operate a bulldozer, scraper, dragline or excavator; unless you are satisfied that there are no buried cables in the working area.
- ✓ **don't** use picks, pins, forks or pointed instruments in soft clay or soil when cables are present. Exercise extreme caution where such instruments are used to free lumps of stone, or break up firmly compacted ground. **Never** throw a fork or sharp instrument into the ground.
- ✓ **don't** dig trial holes over the indicated route of the cable. Excavate alongside instead.
- ✓ **don't** use exposed cables as a convenient step or handhold.
- ✓ **don't** handle or attempt to alter the position of any cable.

Remember that a damaged cable may cause extensive loss of supplies, make expensive repairs necessary and cause serious or even fatal injury.

If effective measures are not adopted to protect our equipment, we will take steps to recover the cost of any damage caused. Persons causing damage resulting in loss of supply to customers can be held legally responsible for any claims made by those customers. Promptness in reporting an incident will minimise costs.

In most cases it is not practicable to make cables dead without interrupting supplies to our customers. But given adequate notice, we will wherever possible, give advice regarding special precautions which may be necessary on any site where particular problems are likely to be encountered. The right is reserved to make a charge for this service.

Electricity cables can exist anywhere - under paths or roads, in gardens or driveways, on new housing or industrial development sites or even farmland.

Watch it! - Working in the vicinity of overhead lines

For your own and your workmates' safety, please follow the **do's** and **don'ts** listed below

- ✓ **do** carefully note the position of all overhead lines before commencing work.
- ✓ **do** co-operate with us during planning and sitework stages.
- ✓ **do** follow the advice given in HSE Guidance Note GS 6 when siting barriers, goal posts, bunting etc.
- ✓ **do** keep overhead lines in view when moving scaffolding or machinery and take special care when felling or lopping trees.
- ✓ **do** remember that the raising or slewing of a crane or excavator jib may cause danger when operating near an overhead line.
- ✓ **do** avoid any machinery that is in contact with an overhead line until we confirm that conditions are safe.
- ✓ **do** warn others to keep well clear.

- ✓ **don't** drive a high vehicle below an overhead line when an alternative route is available.
- ✓ **don't** raise the bed of a tipper lorry beneath an overhead line or drive under the line with the body of the vehicle raised.
- ✓ **don't** steady any suspended load until you are satisfied that there is no danger from overhead lines.
- ✓ **don't** handle or use scaffold platforms, poles, pipes or ladders unless they are at a safe distance from overhead lines.
- ✓ **don't** transport long objects beneath overhead lines, unless they are carried in a horizontal position.
- ✓ **don't** approach or touch any broken or fallen overhead lines.

Always remember that:

- Electricity can jump gaps.
- Contact or near contact with a crane jib, scaffold or ladder can cause a discharge of electricity with a risk of fatal or severe shock and burns to any person in the vicinity.

If effective measures are not adopted to protect our equipment, we will take steps to recover the cost of any damage caused. Persons causing damage resulting in loss of supply to customers can be held legally responsible for any claims made by those customers. Promptness in reporting an incident will minimise costs.

In most cases it is not practicable to make overhead lines dead without interrupting supplies to customers. However, provided adequate notice is given, then we will, whenever possible, give advice regarding special precautions which may be necessary on site where specific problems may be encountered. The right is reserved to make a charge for this service.



GIS ELECTRIC SYMBOLS (SOUTH)

	LV UNDERGROUND SERVICE CABLE		POLE
	LV UNDERGROUND MAINS CABLE		POLE MOUNTED TRANSFORMER
	2KV-3.3KV UNDERGROUND CABLE		SUBSTATION
	6.6KV UNDERGROUND CABLE		LINK BOX
	11KV UNDERGROUND CABLE		PILLAR
	22KV UNDERGROUND CABLE		MAJOR PIPELINE
	33KV UNDERGROUND CABLE		ASSUMED ROUTE
	66KV UNDERGROUND CABLE		CROSS SECTION
	132KV UNDERGROUND CABLE		DUCTING
	LV OVERHEAD LINE		FLYING STAY
	2-3.3KV OVERHEAD LINE		PME EARTH
	6.6KV OVERHEAD LINE		NEUTRAL EARTH
	11KV OVERHEAD LINE		OIL/GAS GAUGE
	22KV OVERHEAD LINE		OIL/GAS TANK
	33KV OVERHEAD LINE		BALANCER
	66KV OVERHEAD LINE		REGULATOR
	132KV OVERHEAD LINE		PIT
	FIBRE OPTIC CABLE		SCHEMATIC CONNECTOR
	PILOT CABLE		SUPPLY LOCATION-PROPERTY
	CIRCUIT BREAKER		SUPPLY LOCATION-OTHER
	SWITCH DISCONNECTOR		SUPPLY LOCATION-STREET FURNITURE
	POLE BOX		
	STRAIGHT JOINT		
	TEE JOINT		
	TRIFURCATING JOINT		
	POT END JOINT		
	CAPPED END JOINT		
	SEALING END JOINT		
	SERVICE CONNECTOR JOINT		
	O/H CONNECTOR JOINT		
	WALL BOX JOINT		

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Stephen Muggeridge
SLR Consulting
By e:mail

SSE PD Ltd
Poole Depot
PO Box 2004
Branksome
Poole
BH12 1YT

Phone: 01202 784859
Fax: 01202 784874

E-mail: graham.bendall@sse.com

Date: 12 February 2013

Our reference: DYA979
Your reference:

Dear Sir,

Preliminary Enquiries - New Development, Dorchester Road, Weymouth.

Thank you for your recent enquiry concerning the above site. Having carried out an initial assessment it is clear that for your development to connect into our existing network we will have to carry out a network study/preliminary design works. In accordance with our Statement of Charging Methodology, and in order to provide budget costs for your development, we now require a payment of £525.00 (exclusive of VAT). This sum will allow us to carry out network assessment and preliminary design work.

For a more detailed explanation concerning the provision of budget costs please refer to our Statement of Charging Methodology which may be found on our web site: (<http://www.ssepd.co.uk>).

We look forward to receiving written acceptance of the costs and payment. Upon receiving payment we shall carry out an initial assessment. You should allow us 2 weeks from receipt of this acceptance to carry out this work. **Please return the provisional site layout drawings with the proposed substation location and meter positions together with the total site demand.**

Please complete the attached Quotation Acceptance along with a cheque made payable to Southern Electric Power Distribution Ltd.

We trust you find the above in order.

Yours sincerely

Graham Bendall
Network Development Designer

BUDGET FEE - QUOTATION ACCEPTANCE

Our Reference: DYA979

Site Address: .

Your Site Co-ordinator:

& Telephone Number:

To:	New Connections	From: Address: (for receipt)	
------------	-----------------	---	--

Date Connections Required: ____/____/____

Signed: _____ Date: ____/____/____

Please Print Name: _____

Amount Enclosed: £630.00

Inc. VAT

**If paying by bank transfer
please tick this box:**

Bank details: NatWest, Power Systems BACS Payments,
Sort Code 60-17-21, Account No 89542592. Quote reference: DYA979

Please complete the top part of this form and return it with your cheque. When we receive it we will contact you to arrange a programme of work.

Scottish Hydro Electric / Southern Electric Power Distribution Ltd.

This is not a Tax invoice. A V.A.T. receipt will be issued on payment.

Re: Budget Assessment Fee

Customer Name:

Customer Address:

Work as per quotation	£525.00
V.A.T at 20.0 %	£105.00
Total Due	£630.00

Our Ref: SC/24.01.13/AM549/261203
Your Ref: LM 24014/SNM
Date: 24 January 2013
Email:



95 Kilbirnie Street
Glasgow
G5 8JD

ATKINS CHECKED

JG

Chloe Whitehouse
Atkins
Stats Enquiries Team
The Hub, 500 Park Avenue
Aztec West
Almondsbury
Bristol, BS32 4RZ.

Fax:

Dear Sir / Madam

Re: Site Near Dorchester Road, Weymouth.

Southern Gas Networks (SGN) acknowledges receipt of your notice of your intention to carry out work at the above location. We enclose an extract from our mains records in the location of the area covered by your proposals together with a comprehensive list of precautions for your guidance. This plan shows only those pipes owned by SGN in its role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's and also privately owned may be present in this area. Information with regard to such pipes should be obtained from the owners. The information shown on this plan is given without obligation, or warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, siphons, stub connections, etc., are not shown but their presence should be anticipated. Your attention is drawn to the information and disclaimer on these plans. The information included on the enclosed plan should not be referred to beyond a period of 28 days from the date of issue.

You will note the presence of our Low/Medium/Intermediate Pressure gas main in the proximity to your site. NO mechanical excavations are to take place above or within 0.5 m of the Low pressure and medium pressure system and 3metres of the intermediate pressure system. You should where required CONFIRM THE POSITION of mains using HAND DUG TRIAL HOLES.

A colour copy of these plans and the gas safety advice card should be passed to the senior person on site in order to prevent damage to SGN plant and potential direct or consequential costs to your organisation.

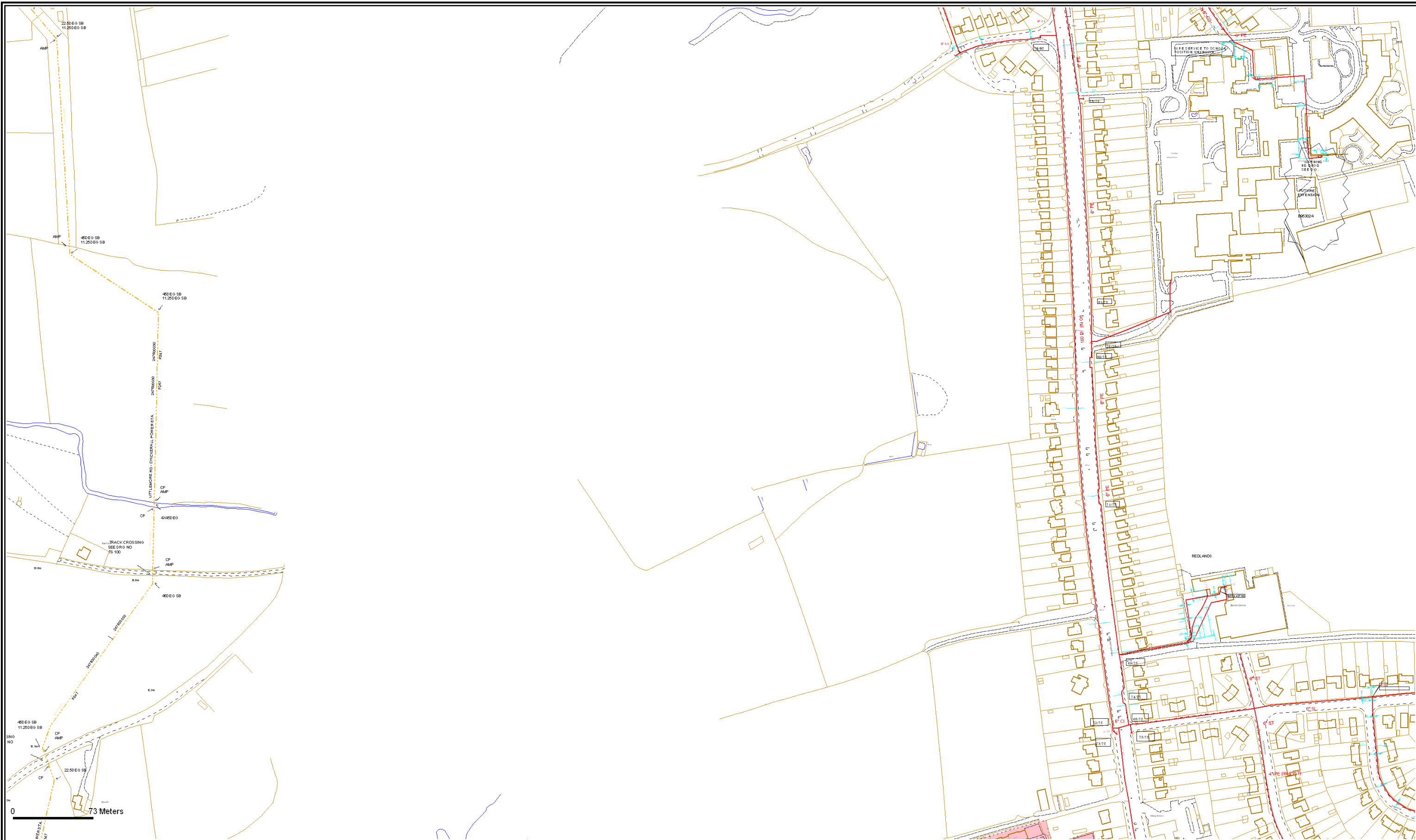
Safe digging practices, in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services", must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. In addition please follow the advice given on the gas safety card.

It must be stressed that both direct and consequential damage to gas plant can be dangerous both for your employees and the general public, repairs to any such damage will incur a charge. Your works should be carried out in such a manner that we are able to gain access to our apparatus throughout the duration of your operations.

If you have any further enquires please contact the telephone number below.

Yours faithfully,

Alison Mair
Support Assistant
0141 418 4093



SCALE : 1 : 3185
 USER ID : am54938
 DATE : 24/01/2013
 INTERNAL USE ONLY
 GRID REFERENCE :
 E366458, N82446, SY6682

LP MAINS	
MP MAINS	
IP MAINS	
LHP MAINS	
HISTORY DATA	
LAs	
G.Ts	
SSSIs	

This plan shows the location of those pipes owned by Scotia Gas Networks ("SGN") by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs, or third parties, may also be present in this area and are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Some examples of Plant Items


Valve		Syphon		Depth of Cover		Diameter Change		Material Change	
-------	--	--------	--	----------------	--	-----------------	--	-----------------	--

ATKINS CHECKED

 JG

Intranet MAPS Version 1.8
 Dorset County Area

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General safety measures to avoid injury and damage to gas plant



**Southern
Gas Networks**
A Scotia Gas Networks Company

The following protective and precautionary measures **MUST** be taken when working/excavating in the vicinity of our plant.

To avoid injury to yourself, your employees, colleagues and the general public you **MUST** verify the details provided on our plans by tracing, hand-digging, trial holes and suitably marking its position on site.

You **MUST** ensure current full colour copies of our plans are issued and the presence and location of our plant, prior to excavation, is understood by all relevant personnel on site.

In an emergency

If you cause a gas leak or suspect a pipe or equipment is leaking, you **MUST** take the following emergency actions immediately:

- a. Get everyone away from the immediate vicinity of the gas escape;
- b. Inform us immediately by calling the National Gas Emergency Number on **0800 111 999***;
- c. Do not attempt to repair the escape or stop the leakage;
- d. Ask occupants of buildings adjacent to the escape to leave until it is safe for them to return;
- e. Damage to a service supplying a building may result in gas entering the building. Do not attempt to operate any valves;
- f. Prevent any approach to the immediate vicinity of the gas escape;
- g. Prohibit smoking and extinguish all naked flames. Do not use mobile phones or other sources of ignition within 15m from the leakage; and
- h. Assist our representatives, and other emergency services for example police, fire and ambulance as requested.

Additional reference material;

- HSE Guidance Note; HSG47 “Avoiding Danger from Underground Services” at www.hse.gov.uk and
- NJUG “Utilities Guidance on Positioning and Colour Coding of Apparatus” at www.njug.org.uk





Safe System of Work

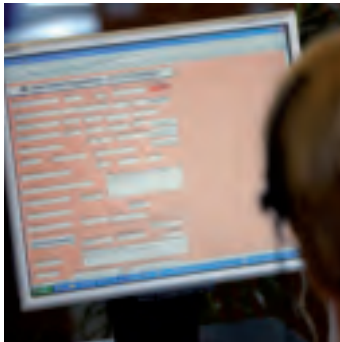
We may request the production of Risk Assessments and Method Statements for any works deemed to have the potential to affect, cause risk to or pose a hazard to the safety and/or integrity of our plant. Where CDM legislation applies reference MUST be made to our plant within the site 'Health and Safety File'.

Financial

Every reasonable precaution MUST be taken to avoid personal injury or damage to our plant during the progress of the planned works. Any cost incurred by us for the repair of direct or consequential damage and the diversion of any affected plant will be recharged in full.

HSE

Any damage to our apparatus will be subject to legislative reporting responsibilities to the Health and Safety Executive under Reporting of Injuries, Diseases & Dangerous Occurrences Regulations (RIDDOR) and Gas Safety Management Regulations (GSMR).









Minimum safe working distances

If you are carrying out explosions, piling, splitting, boring and deep excavations, please contact us for further guidance. Trial holes **MUST** be dug by hand to determine the exact location of mains and service pipes in advance of mechanical excavation or thrust boring. Be aware of the potential for the presence of protruding objects from gas plant in the form of standpipes, test points and valve bodies.

Mechanical excavation

Mechanical excavators (including breaker attachments) **MUST NOT** be used within the following distances from the confirmed location of our gas mains and services (as depicted on our gas maps), without prior agreement:



Type of Mains and Services	GAS MAP Identification	Hand Excavation required inside	Pipe pressure indication shown on MAP
Low Pressure (LP)	0 – 75mbar	0.5 metres	
Medium Pressure (MP)	75mbar to 2 bar	0.5 metres	
Intermediate Pressure (IP)	2 – 7 bar	3.0 metres	
High Pressure (HP)	Above 7 bar	3.0 metres	

Note: We MUST be consulted prior to any planned excavation works within 10m of Pressure Reduction Equipment and may consider issuing a Permit to Work, if appropriate.

High pressures

In addition to receiving a copy of our 'Safe working in the vicinity of Southern Gas Networks high pressure pipelines and associated installations', if any activities proposed are closer than the minimum distances listed below you MUST discuss with us to agree your site specific requirements.

Power Excavators in easements	>3 metres
Power Excavators in highway	>3 metres
Pressure testing	>8 metres
Piling	>15 metres
Demolition	>150 metres
Blasting	>250 metres
No-dig techniques	Method Statement required
Crossing easement with plant	Written Consent required

Clearance requirements

No plant is to be laid over and along the line of a gas pipe irrespective of clearance. To allow the future repair and maintenance of gas plant, a minimum clearance of 250mm for low and medium pressure pipelines and 600mm for intermediate and high pressure pipelines, or 1.5 times the external diameter of the gas pipe, whichever is the greater, should be maintained between the gas plant and any new plant. Where this minimum clearance cannot be achieved, site discussions should be held with us or our representatives to agree a suitable clearance. Explosives shall not be used within 30m of our plant (400m for Pressure Reduction Equipment) without prior agreement. No piling or boring shall be carried out within 15m of our plant without prior consultation and agreement.









Surface boxes/Manholes

Do not bury or move our surface boxes. Access **MUST** be maintained both during and after your works. No manhole cover or other structure is to be built over, around or under a gas pipe and no work is to be carried out which results in a reduction or increase in cover or protection without prior written agreement.

Deep excavations

Where excavations adjacent to any of our potentially affects its security and integrity, adequate protection (approved by us) **MUST** be applied to such plant. Ground movement around gas **MUST** be prevented. If a sewer trench or any other water authority is to be constructed at greater than 1.5 metres deep near to a buried gas main or service pipe, we **MUST** be contacted. We should be provided with detailed drawings showing the line and width of the proposed sewer or other trench, together with the soil group classifications of the area concerned.

Crossing our plant

The placing of heavy construction plant, equipment, materials or the passage of heavy vehicles over our plant is prohibited unless specially agreed protective measures (i.e. the construction of reinforced crossing points) have been carried out. This is particularly important where reductions in side support or ground cover are planned.

Working in easements should not be undertaken without our prior written consent.

Exposed plant

Where excavations adjacent to gas plant affect its support, the plant **MUST** be adequately supported and protected in consultation with us and to our satisfaction. It **MUST** be protected from impact and restraints, thrust blocks and supports **MUST** not be removed without our agreement.

Hot works

The potential exists for heat damage to plastic pipelines/coatings. Where welding or other hot works involving naked flames is to be carried out in proximity to our plant, our representative should be present.

Backfilling

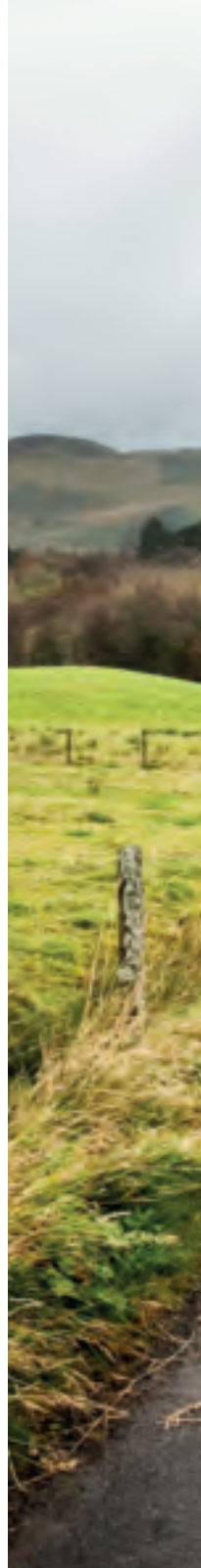
Concrete backfill should not be placed closer than 300mm to our plant. No concrete or hard material should be placed under or adjacent to any of our plant. Shuttering **MUST** be constructed so as to prevent fresh concrete encasing our plant and to maintain the stated clearances. Material used for the surround backfill of our plant **MUST** conform to the following requirements:

- If sand, it **MUST** be well-graded in accordance with BS EN 12620: 2002;
- It **MUST** not contain any sharp particles; stones, bricks, lumps or corrosive materials;
- Foamed concrete should not be used; and
- It **MUST** be laid to a minimum depth of 250mm above the crown of the plant.

Note: Power ramming should not take place until a 300mm hand rammed layer has been completed over the crown of the pipe.

Access

Access to sites and our plant **MUST** be provided at all times. This includes temporary structures and spoil heaps over our pipes.







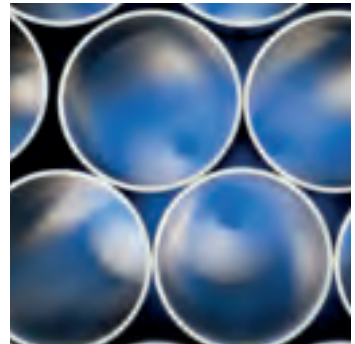
Tree planting

If trees or shrubs are to be planted adjacent to our plant, the selection of the type of tree or shrub and its planting **MUST** be considered so that root damage to buried mains or services will be avoided and that damage to trees or shrubs will not be caused by any subsequent excavations for repair and maintenance.

Before any tree planting is carried out on the easement, our written approval **MUST** be obtained. Any approval we grant to plant trees on the easement shall be subjecting to retaining the rights to remove, at any time in the future, all trees which in our opinion might become a danger to the pipe.

The written consent to plant trees will state what area may be planted and also the type of tree.

See over for specific species and the distances they **MUST** be planted from the pipeline.



The following trees and those of similar size, which may be deciduous or evergreen, shall not be planted within six metres of the centre line of the pipe e.g. Ash, Beech, Birch, most Conifers, Elm, Maple, Lime, Horse Chestnut, Oak, and Sycamore. Apple and Pear trees are also included in this category.

Dwarf Apple Stocks may be planted up to three metres of the centre line of the pipe.



In cases where screening is required, the following are shallow rooting and may be planted close to the pipeline; Blackthorn, Broom, Cottoneaster, Elder, Hazel, Laurel, Quickthorn, Privet, Snowberry and most ornamental shrubs.

PIPELINE CENTRE

Raspberries, Gooseberries and Blackcurrants may be planted on the pipe, but a four metre strip, centred on the pipe, **MUST** be left clear at all times.

Poplar and Willow trees shall not be planted within 10 metres of the centre line of the pipe.



10m

6m - 9m



These types of trees may only be planted as individual specimens or as a single row in the area between six and 10 metres of the pipe.

Dense mass planting may only be carried out at distances greater than 10 metres from the pipe.

3m - 6m

0m - 3m



Christmas Trees (Picea Abies) may be planted up to three metres of the pipeline. However, permission is given on the strict understanding that Christmas trees are clear-felled at intervals not exceeding seven years.

PIPELINE CENTRE

The only hardwood plants which can be planted directly across a pipe are hedge plants such as Quickthorn, Blackthorn etc and these shall only be planted where hedge is necessary either for screening purposes or to indicate a field boundary.

Note: For further guidance refer to NJUG 10.

Notes

**Southern Gas Networks provides a
free plant location enquiry service
during office hours.**

Contact:

Tel: 0845 0703 497 or 0141 418 4093

Fax: 0141 429 6432

Email: plantlocation@sgn.co.uk

**Southern Gas Networks, Plant Location Team,
Tradeston, 95 Kilbirnie Street, Glasgow, G5 8JD**

www.sgn.co.uk

We regret that information cannot be supplied by telephone. Requests **MUST** be made in writing (via letter, email or fax). For ALL enquiries please include the following information:

1. Full contact details (name, company name, address, telephone number and e-mail address).
2. Full site address, postcode and easting/northing grid reference.
3. Plan showing the site boundary.
4. Details of the work to be carried out.
5. The proposed start date (please specify if work is planning only).



Network Quotation Ref: L13131349
Requester Reference: NOTTINGTON

FAO: Stephen Muggeridge,
SLR Consulting Ltd
69 Polsloe Road
Exeter
United Kingdom
EX1 2NF

St Lawrence House
Station Approach, Horley
Surrey
RH6 9HJ

Date: 18 February 2013
Network Contact: Esme Sheldrake
Tel: 01293 818253
Fax: 0845 070 1640

Dear Stephen Muggeridge,

Re: DEV @, ., DORCHESTER ROAD, NOTTINGTON, WEYMOUTH, DORSET, DT3 5BW

Thank you for your enquiry dated 18 February 2013, which we received on 18 February 2013.

The nearest relevant main is Low Pressure and 3 metre(s) from the site boundary.

Plan Attached: Yes

Gas Diversionary or abandonment works may be required. For Further details please write to SGN at the above address. Reinforcement of SGN network to support the proposed load may be required. Nearest relevant main is a 6" PE LP, please see attached plan.

For new supply/alteration/disconnection quotations please refer to www.scotiagasnetworks.co.uk. Go to Related Links to download relevant request form.

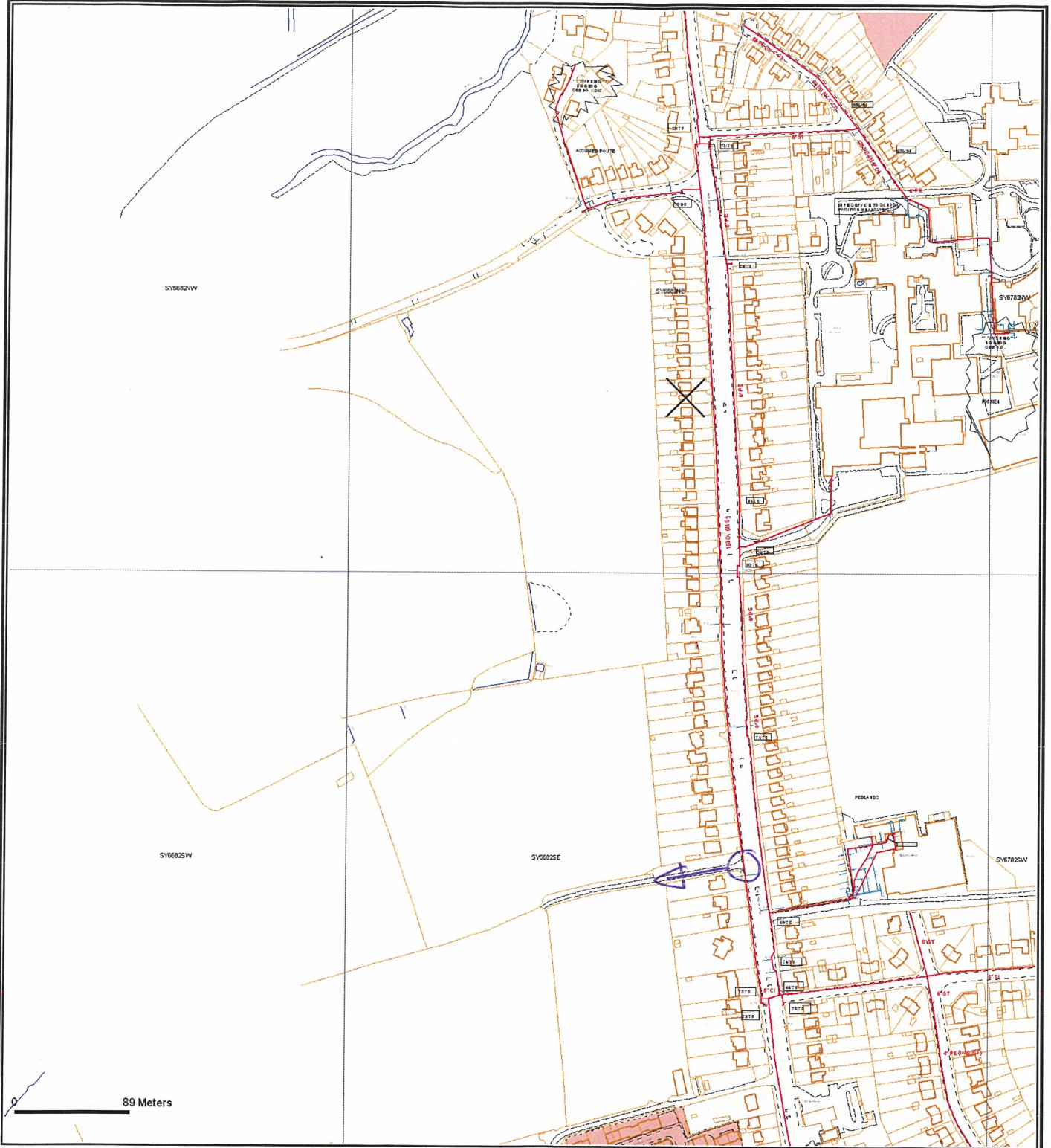
If you have any queries, please contact Esme Sheldrake on the number above.














Yours sincerely

Leigh Keegan
(Network Support Manager)

SO 6" PE LP

Approx 3m to site.



SCALE : 1 : 4132	LP MAINS 	Intranet MAPS Version 1.8
USER ID : es05975	MP MAINS 	
DATE : 18/02/2013	IP MAINS 	L13131349
INTERNAL USE ONLY	LHP MAINS 	
GRID REFERENCE : E366638, N82497, SY6682	HISTORY DATA 	Dorset County Area
Some examples of Plant Items	LAs 	This plan is reproduced from or based on the OS map by Scotia Gas Networks, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.
Valve  Syphon  Depth of Cover  Diameter Change  Material Change 	GTs  SSSIs 	

This plan shows the location of those pipes owned by Scotia Gas Networks ("SGN") by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs, or third parties, may also be present in this area and are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

APPENDIX E

ATKINS CHECKED

MK



Openreach Plant Maps Requested

NewSite Office (addresses can be located from [here](#))
National Freephone: 0800 616 866

Dear Sir/Madam,

Thank you for your request to: www.openreach.co.uk/networkinfo/

You have downloaded copies of our drawings marked up to show the approximate location of Openreach apparatus, which is present in the immediate vicinity of your works. It is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works made near to Openreach apparatus, which may, exist at various depths and may deviate, from the marked route.

To avoid damage it is recommended that mechanical excavators or borers are not used within 600mm of Openreach plant. Please ensure that our equipment is not enclosed, blocked, covered or otherwise obstructed by your plant. In the event of clearance not being adequate we anticipate that your plant is either resited, or an order is placed with Openreach for rearrangements of its plant. If there are any difficulties with the Map please ring 0800 616866.

Please contact our Network Protection Service if required by dialling 0800 917 3993 or by Email on DBYD@openreach.co.uk giving seven days notice of your commencement date. This will provide you with on-site advice and a check of location for any Openreach apparatus.

Further to this, I hope the following points will assist you at the new development: -

Openreach has a licence obligation to provide service to any end customer requiring a connection. A Developer would not normally be charged for provision of service, our standard connection charges would apply to the end user when orders are placed with the communication provider of choice. However, should a Developer insist on an underground service in an area where Openreach plant is provided overhead, charges may be incurred.

When the Developer has obtained contract and planning permission Openreach would request a 'Clean', scaled Site Layout, Location Map and a covering letter be sent to the relevant newSite Office. We would particularly request that you give details of your programmed site start date and likely first occupancy date where possible. To obtain contact details of the newSite office covering the development area click on the URL below.

<http://www.openreach.co.uk/orpg/networkinfo/developnetwork/regionalcontacts.do>

Where a development affects existing Openreach apparatus in the public highway, the cost of any necessary protection or diversionary works must be borne by the Developer. In this case where a budget estimate is required a Site Plan, Location Map and a covering letter should be forwarded to the Repayments Project Office. Please visit <http://www.openreach.co.uk/orpg/networkinfo/alternetwork/alterationcontacts.do> for contact details of the Repayments Office covering the development area.

Yours faithfully,

Openreach newSites

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

DIAL BEFORE YOU DIG

FOR PROFESSIONAL ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS

ADVANCE NOTICE REQUIRED
(Office hours: Monday-Friday 08.00 to 17.00)

Tel: 0800 9173993
E-mail: dbyd@openreach.co.uk
Website: www.dialbeforeyoudig.com

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(C) Crown Copyright British Telecommunications plc 100028040

KEY TO BT SYMBOLS

	UNDERGROUND PLANT		POLE
	OVERHEAD PLANT		CABINET
	JOINT BOX		BURIED JOINT
	DISTRIBUTION POINT		JOINTING POST
	MANHOLE		PROPOSED U/G
	DP BOUNDARY		PROPOSED O/H
	OTHER BT BOUNDARY		PROPOSED BOX

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation.

openreach
a BT Group business

BT Ref : KQX104671

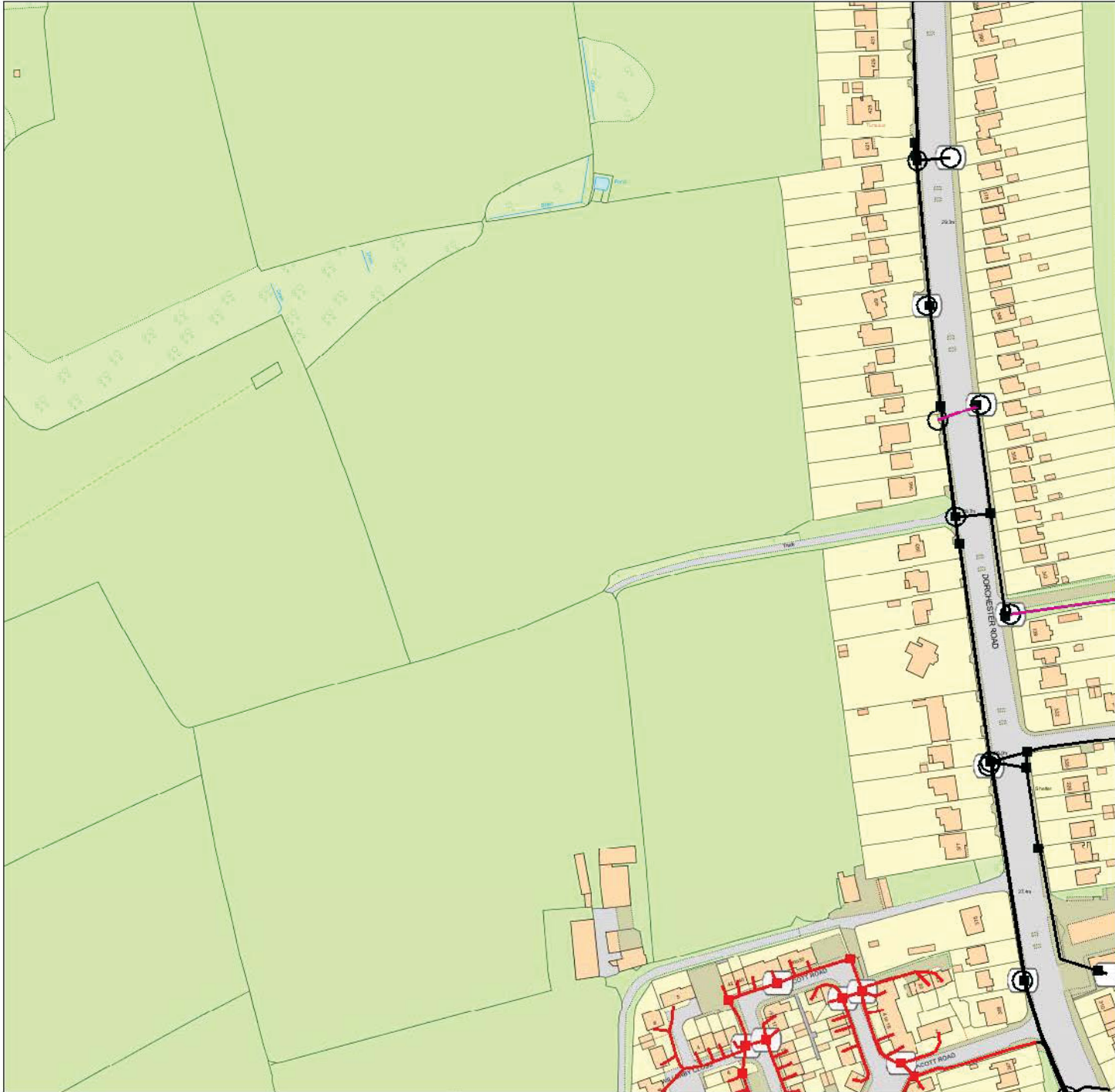
Map Reference : (centre) SY6660382637

Easting/Northing : (centre) 366603,82637

Issued : 22/01/2013 10:46:33

FOOTNOTE: WARNING IT IS ESSENTIAL THAT YOU CONTACT NATIONAL NETWORK HANDLING CENTRE BY EMAIL nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN THE HATCHED AREA

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

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ADVANCE NOTICE REQUIRED
(Office hours: Monday-Friday 08.00 to 17.00)

Tel: 0800 9173993
E-mail: dbyd@openreach.co.uk
Website: www.dialbeforeyoudig.com

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KEY TO BT SYMBOLS

	UNDERGROUND PLANT		POLE
	OVERHEAD PLANT		CABINET
	JOINT BOX		BURIED JOINT
	DISTRIBUTION POINT		JOINTING POST
	MANHOLE		PROPOSED U/G
	DP BOUNDARY		PROPOSED O/H
	OTHER BT BOUNDARY		PROPOSED BOX

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation.

openreach
a BT Group business

BT Ref : AZY10474G

Map Reference : (centre) SY6663182259

Easting/Northing : (centre) 366631,82259

Issued : 22/01/2013 10:48:00

FOOTNOTE: WARNING IT IS ESSENTIAL THAT YOU CONTACT NATIONAL NETWORK HANDLING CENTRE BY EMAIL nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN THE HATCHED AREA

Maps by email Plant Information Reply



IMPORTANT WARNING

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DIAL BEFORE YOU DIG

FOR PROFESSIONAL ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS

ADVANCE NOTICE REQUIRED
(Office hours: Monday-Friday 08.00 to 17.00)

Tel: 0800 9173993
E-mail: dbyd@openreach.co.uk
Website: www.dialbeforeyoudig.com

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KEY TO BT SYMBOLS

	UNDERGROUND PLANT		POLE
	OVERHEAD PLANT		CABINET
	JOINT BOX		BURIED JOINT
	DISTRIBUTION POINT		JOINTING POST
	MANHOLE		PROPOSED U/G
	DP BOUNDARY		PROPOSED O/H
	OTHER BT BOUNDARY		PROPOSED BOX

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation.

openreach
a BT Group business

BT Ref : YNM10485W

Map Reference : (centre) SY6631282446

Easting/Northing : (centre) 366312,82446

Issued : 22/01/2013 10:48:59

FOOTNOTE: WARNING IT IS ESSENTIAL THAT YOU CONTACT NATIONAL NETWORK HANDLING CENTRE BY EMAIL nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN THE HATCHED AREA

APPENDIX F

Site near Dorchester Road, WEYMOUTH

OSGR: 366570,082480

Date Requested: 22-Jan-2013

DT3 5BN

Client Reference:

43657754_1

Affected Utilities We have received plans/information from the following companies. Please see the enclosed response.

Utility	Category	Date Issued	Late Response Issue Date	Notes
British Telecommunications Plc	Telecom	31 Jan 13		
Environment Agency	Other	31 Jan 13		See Letter
Scottish & Southern Energy Plc	Electricity, Gas & Telecom	31 Jan 13		
Southern Gas Networks (Scotia)	Gas	31 Jan 13		
Wessex Water	Water and/or Sewer	31 Jan 13		

No response received We are still awaiting a full response from the following companies.

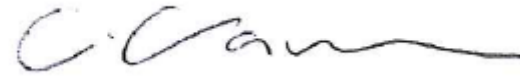
Utility	Category	Date Issued	Late Response Issue Date	Notes
Dorset County Council	Council			
Envoy	Gas & Electricity			

Not affected utilities We have received a not affected/no plant present response from the following companies.

Utility	Category	Date Issued	Late Response Issue Date	Notes
Affiniti (KCOM)	Telecom	31 Jan 13		
British Gas C/O ES Pipelines	Gas	31 Jan 13		
BskyB (Easynet)	Telecom	31 Jan 13		
Cable & Wireless	Telecom	31 Jan 13		
CityFibre Holdings Ltd	Telecom	31 Jan 13		
Energetics Electricity	Electric		07 Feb 13	C
Fulcrum Pipelines	Pipeline		07 Feb 13	C
Gamma Telecommunications	Telecom	31 Jan 13		
Gas Transportation Company	Gas & Electricity	31 Jan 13		
Instalcom Ltd	Telecom	31 Jan 13		
Interoute (Ringway/Beach/51 degrees/Plancast)	Telecom	31 Jan 13		
Line Search (Fisher German)	Pipeline	31 Jan 13		
May Gurney Ltd (Fujitsu)	Telecom	31 Jan 13		
McNicholas (COLT Networks)	Telecom		15 Feb 13	D
McNicholas [KPN Networks]	Telecom		15 Feb 13	D
McNicholas [TATA networks]	Telecom		15 Feb 13	D
Network Rail	Rail	31 Jan 13		
Telnet on behalf of Teliasonera	Telecom		05 Feb 13	B
TrafficMaster Plc	Other	31 Jan 13		Website Used
Verizon Business	Telecom	31 Jan 13		
Virgin Media	Telecom	31 Jan 13		Website Used

Checked and Validated By Chelsea Craven

Date 31 January 2013



Definition of Terms

Affected Utility supplier is expected to be affected by any work carried out in the area searched as their records indicate their plant is in or close to the area searched. It is recommended to anybody carrying out works in the area that they should consult with the utility company as soon as possible and in any event prior to carrying out any works.

No response received At the date of sending the report no response has been received from the utility supplier.

Not affected Utility supplier is not expected to be affected by any work carried out in the area searched as their records indicate their plant is not in or close to the area searched.



global environmental solutions

AYLESBURY

7 Wormal Park, Menmarsh Road,
Worminghall, Aylesbury,
Buckinghamshire HP18 9PH
T: +44 (0)1844 337380

BELFAST

24 Ballynahinch Street, Hillsborough,
Co. Down, BT26 6AW Northern Ireland
T: +44 (0)28 9268 9036

BRADFORD-ON-AVON

Treenwood House, Rowden Lane,
Bradford-on-Avon, Wiltshire BA15 2AU
T: +44 (0)1225 309400

BRISTOL

Langford Lodge, 109 Pembroke Road,
Clifton, Bristol BS8 3EU
T: +44 (0)117 9064280

CAMBRIDGE

8 Stow Court, Stow-cum-Quy,
Cambridge CB25 9AS
T: + 44 (0)1223 813805

CARDIFF

Fulmar House, Beignon Close, Ocean
Way, Cardiff CF24 5HF
T: +44 (0)29 20491010

CHELMSFORD

Unit 77, Waterhouse Business Centre,
2 Cromar Way, Chelmsford, Essex
CM1 2QE
T: +44 (0)1245 392170

DUBLIN

7 Dundrum Business Park, Windy
Arbour, Dundrum, Dublin 14 Ireland
T: + 353 (0)1 2964667

EDINBURGH

No. 4 The Roundal, Roddinglaw
Business Park, Gogar, Edinburgh
EH12 9DB
T: +44 (0)131 3356830

EXETER

69 Polsloe Road, Exeter EX1 2NF
T: + 44 (0)1392 490152

FARNBOROUGH

The Pavilion, 2 Sherborne Road, South
Farnborough, Hampshire GU14 6JT
T: +44 (0)1252 515682

GLASGOW

4 Woodside Place, Charing Cross,
Glasgow G3 7QF
T: +44 (0)141 3535037

HUDDERSFIELD

Westleigh House, Wakefield Road,
Denby Dale, Huddersfield HD8 8QJ
T: +44 (0)1484 860521

LEEDS

Suite 1, Jason House, Kerry Hill,
Horsforth, Leeds LS18 4JR
T: +44 (0)113 2580650

MAIDSTONE

19 Hollingworth Court, Turkey Mill,
Maidstone, Kent ME14 5PP
T: +44 (0)1622 609242

NEWCASTLE UPON TYNE

Sailors Bethel, Horatio Street,
Newcastle-upon-Tyne NE1 2PE
T: +44 (0)191 2611966

NOTTINGHAM

Aspect House, Aspect Business Park,
Bennerley Road, Nottingham NG6 8WR
T: +44 (0)115 9647280

ST. ALBANS

White House Farm Barns, Gaddesden
Row, Hertfordshire HP2 6HG
T: +44 (0)1582 840471

SHEFFIELD

STEP Business Centre, Wortley Road,
Deepcar, Sheffield S36 2UH
T: +44 (0)114 2903628

SHREWSBURY

Mytton Mill, Forton Heath, Montford
Bridge, Shrewsbury SY4 1HA
T: +44 (0)1743 850170

STAFFORD

8 Parker Court, Staffordshire Technology
Park, Beaconside, Stafford ST18 0WP
T: +44 (0)1785 241755

WARRINGTON

Suite 9 Beech House, Padgate Business
Park, Green Lane, Warrington WA1 4JN
T: +44 (0)1925 827218

WORCESTER

Suite 5, Brindley Court, Gresley Road,
Shire Business Park, Worcester
WR4 9FD
T: +44 (0)1905 751310



Energy



Waste
Management



Planning &
Development



Industry



Mining
& Minerals



Infrastructure