Baker Barnett

Planning & Surveying Services

CONSTRUCTION MANAGEMENT PLAN

For the Proposal to Retain the Natural Gas Meter Cabinet, Install a Containerised Back-Up Power Generator, Cooling Radiator, Associated Pipework and Transformer Outside of the Existing Generation Building and Install a 5m High Acoustic Screen, also Existing Generator Stack Heights Increased by 3m

at the
Hickleton Energy Park
Off Barrowfield Road
Thurnscoe
Rotherham
S63 0BH

Approved Under Planning Permission 2017/1315
Dated 4 January 2018

On Behalf of
Regent Park Energy Limited
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Issue Record

Issue	Date	Prepared by	Approved by	Date
Original	09/01/2018	KHS	20/04/2018	NSB

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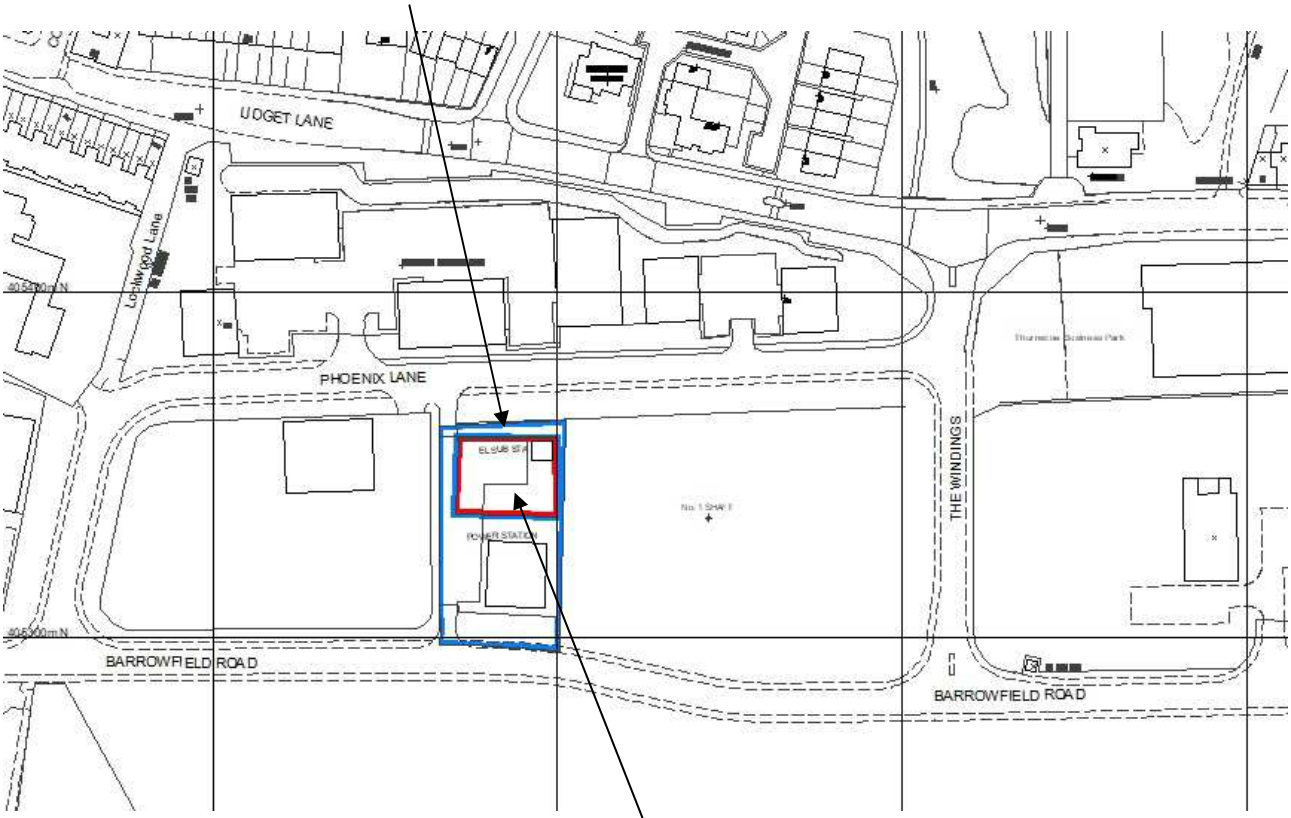
APPENDICES

1. Site Location

1.1 The electricity generation facility is located off Barrowfied Road, Thurnscoe, Rotherham, as shown on drawing 14-2401-01 Location Plan which can be found in Appendix A of this Plan, an extract of which is shown below.

The Generation Facility (shown edged blue)



Location of Proposed Development (shown edged red)

2. Introduction

2.1 Regent Park Energy Limited (the Developer) proposes to install a back-up power generator container, cooling radiator, transformer and 5m high acoustic wall, in accordance with planning permission reference 2017/1315, granted 4 January 2018. This development will be contained within the existing electricity generation facility. What follows is a Construction Management Plan (the Plan) for the proposed development.

2.2 The fenced compound area is some 0.18 Ha (0.44 Acres).

3. General Construction Method

3.1 The proposed development will be constructed using the following method:

- Some kerbs, tarmacadam and stone in the development area will be broken out. At a suitable time excavations will be carried out for the mass concrete acoustic wall foundation bases. All the arisings will be carted away by a grab lorry to a suitable tip.

- The cable and gas pipework trenches will be dug out.

- The areas for the proposed foundation slabs will be prepared and stoned up, then shuttering will be put in place and those bases will be cast using concrete brought in by a concrete mixer lorry. 2-3 separate concrete deliveries will be required for the acoustic wall foundation bases.

- The cabling and gas pipework will then be installed.

- The kerbs will be re-installed in the new location and the tarmacadam reinstated. The area around the concrete bases will be covered with stone to match the existing area.

- The cooling radiator and transformer will each be delivered and be installed using a hiab mounted lorry.

- The generator will be delivered to the site on a low loader and will be craned into position using at least a 200 tonne mobile crane in one day. The proposed canopy / container enclosure to the generator will be delivered in pre-fabricated sections, in phases as requested, for erection around the generator.

- Once the canopy is complete the installation of other plan, cabling, connecting pipework can take place.

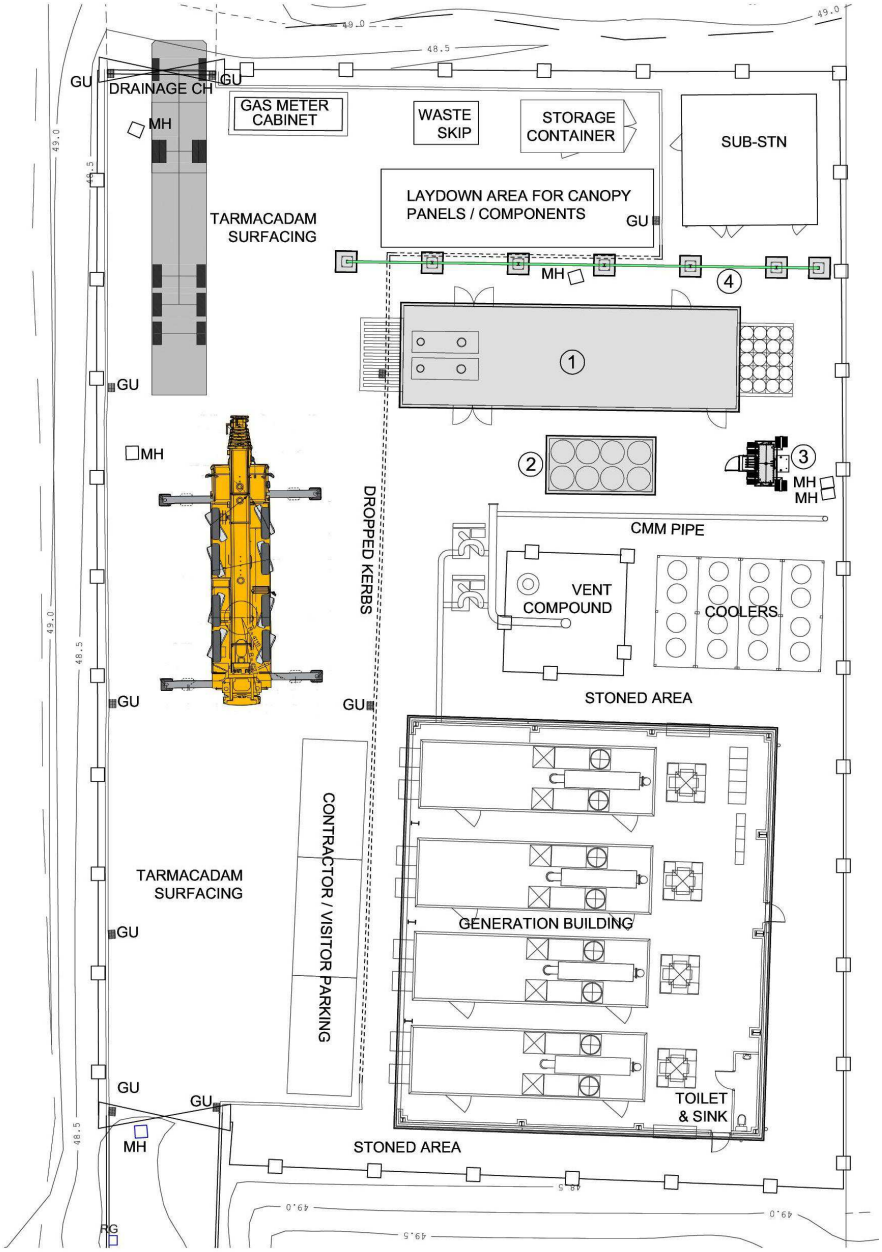
- The existing gas main will be modified for connection to the new generator and similarly, the electricity cabling will be extended from the sub-station.

- The acoustic screen will also be installed onto mass concrete foundation bases.

- Any cable off-cuts, packaging, pipework and other similar waste will be temporarily stored in a waste skip and removed from site upon completion of the works.

4. Layout of Contractor's Compound

4.1 The location and layout of the contractor's compound can be found on drawing 14-2401-06 Setting Out Plan which can be found in Appendix B of this Plan, an extract of which is shown below.



4.2 Welfare facilities are available on site with a toilet and sink being located within the Generation Building.

4.3 Canopy panels / components will be stored on the site, close to the works, in a laydown area, as indicated on the drawing.

4.4 The vehicles will only run on the surfaced areas of the internal yard. Any excavation equipment will be brought to the site and be taken away by a low loader. So, there will be no mud or debris deposited onto the highway.

5. Contractor and Construction Traffic Management

5.1 All construction traffic and deliveries will use the access to the site off Barrowfield Road and HGV's which cannot turn around on the site will leave via the access onto Phoenix Lane.

5.2 All vehicles will park within the compound area during the construction works.

5.3 The largest item of construction traffic will be the mobile crane and the low-loaders delivering the generator container. The site will accommodate the crane and a HGV low-loader at a time.

6. Dust and Dirt Control

6.1 Dust from the site will be monitored and in dry weather dust suppression measures will be used.

7. Noise and Vibration

7.1 The contractor will be required to carry out the works in such a way as to limit the adverse noise and vibration impact of the construction activities. Any noise and vibration resulting from the construction works will be kept within all of the statutory or other identified control limits.

7.2 The control of working hours is a fundamental means of controlling noise and vibration. Therefore, in accordance with good practice, construction works will only take place between 07:00 hours to 18:00 hours Mondays to Fridays and on Saturdays between 07:00 and 13:00 hours with no work to take place on Sundays and Bank Holidays.

7.3 The proposed development site is small by modern construction standards. The plant used will generally consist of either a small tracked mini excavating machine or rubber tyred excavator.

8. Protection of Existing Services

8.1 Any existing services that may be encountered, within the fenced compound area, during the construction works will be located then exposed by hand and protected as required.

9. Site Security During Construction

9.1 During the construction works the following security measures will be in place:

- All tools are to be protected from vandalism and unauthorised interference, turned off and locked away securely when not in use.
- During the construction phase, the compound will be manned, at all times, during daytime working hours.
- The site is fitted with CCTV security and an alarm system both of which are connected to Regent Park Energy's Control Centre at Markham Vale, of Junction 29A of the M1, near Chesterfield, for out of hours security protection.

10. Community Responsibility

10.1 The contractors are to embrace the objectives of the Considerate Constructors Scheme.