

Call for Sites Information – Nottinghamshire Minerals Local Plan November 2017

Dorket Head Factory, Lime Lane, Nottingham, NG5 8PZ



IBSTOCK | BRICK

an IBSTOCK plc company

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Closure

1. Location

1.1. Proposed boundary of the site



1.2. The extent of excavations

The Location map above indicates the indicative outline of the site in red comprising the main extraction boundaries and the secondary extraction / restoration phase.

1.3. Proposed access to the site, including a map of key routes from the site to the nearest major roads



The proposed northern extension will not require haulage along the road network and is proposed to include a crossing point between the northern site and the existing quarry to the south generally in the area indicated circled red on the above.

1.4. Possible location(s) of processing plant

No additional processing plant will be required in the northern extension. Processing Plant will be as present, located at the Dorket Head Factory Site, on Lime Lane.

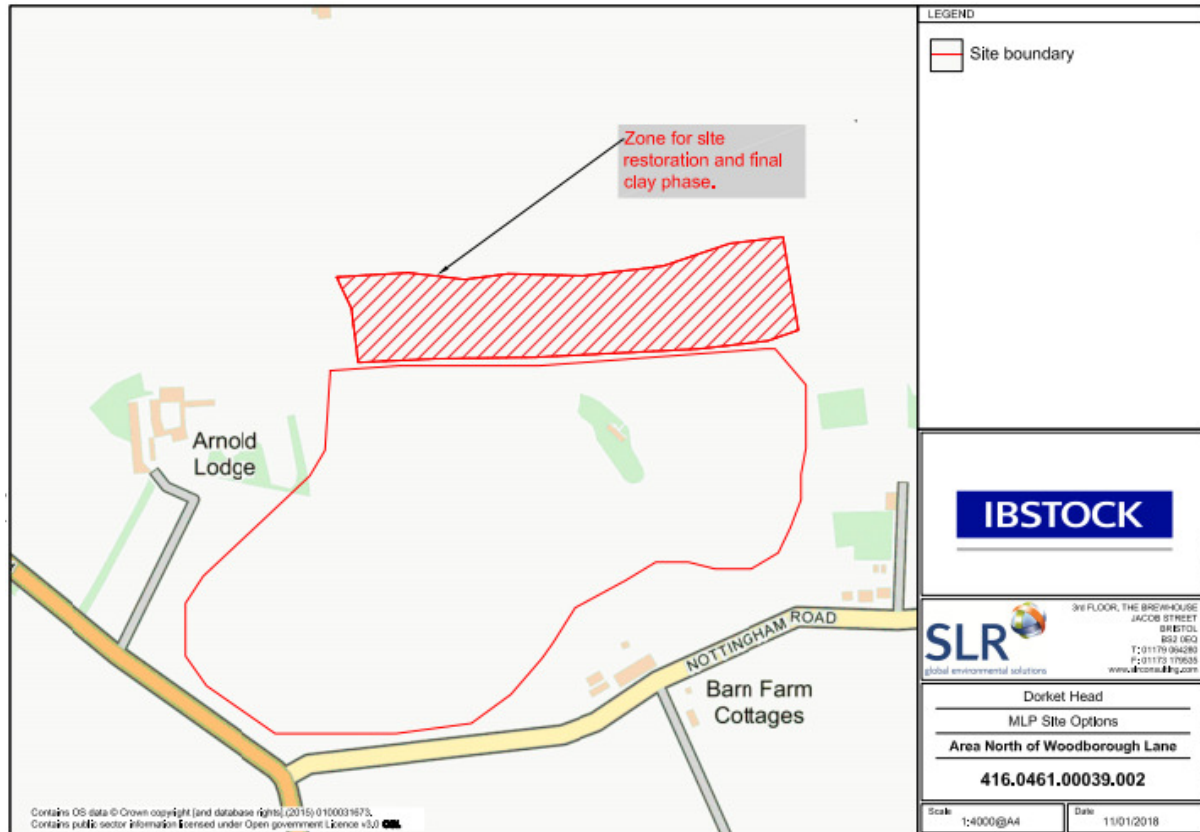
Clay extracted will be transported via a conveyor belt from the stockpile, located on the southern side of Woodborough Lane, beneath Calverton Road to the factory.

1.5. Phasing

The Quarry will be worked from a south to north direction, using appropriate screening and phasing to ensure minimal impact on the surrounding environment.

1.6. An OS map of the site

The map below shows the context of the land in the local setting.



1.7. Estimated number of HGV movements per day/month/year

The proposed quarry extension will operate in a similar way to the existing quarry south of Woodborough Road. Clay will be extracted and transported over Woodborough Road in quarry vehicles.

Clay movements will happen for approximately 6-8 weeks throughout the year, generally during the summer months.

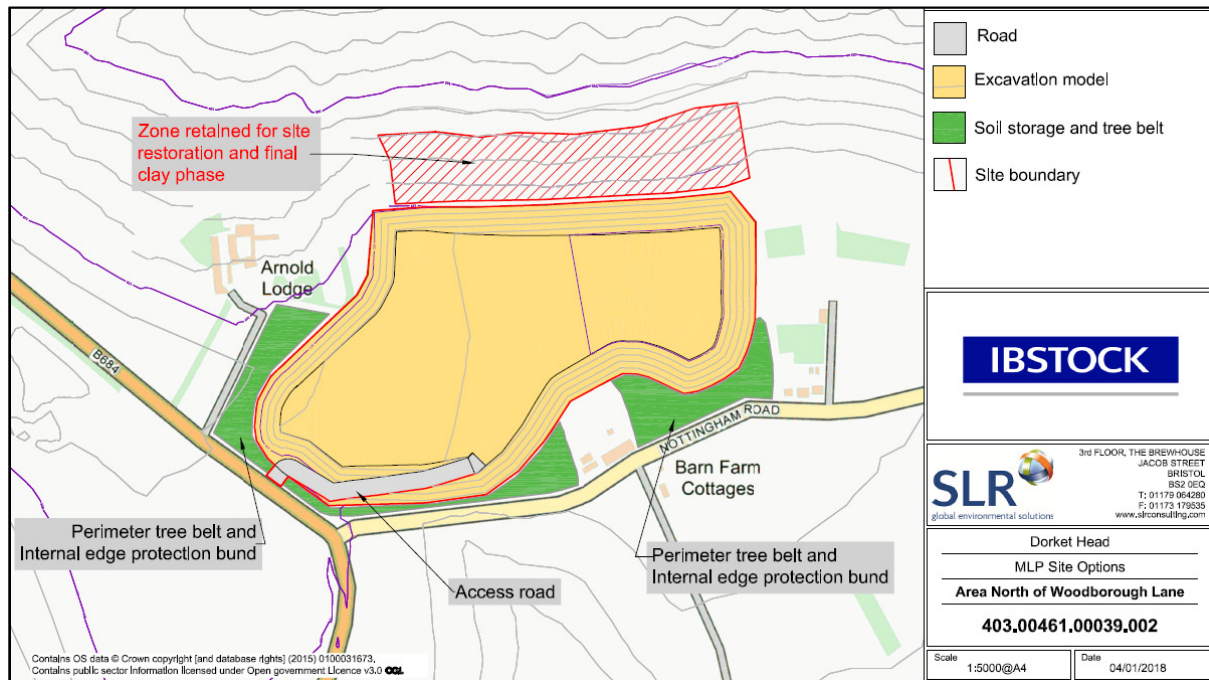
2. Reserve Data (with supporting evidence)

2.1. Quality and quantity of recoverable reserves

Ibstock Brick Limited have retained SLR to complete a report of available mineral resources under the Pan European Reporting Code (PERC) in order to assess the resource available northern of Woodborough Road.

The operation of the quarry immediately south of Woodborough Road has included borehole analysis and ceramic evaluation, plus many years of quarry operation and brick manufacture,

meaning Ibstock Brick Limited have the highest level of confidence in both the geological presence of the Gunthorpe Formation clay and the quality of the material.



SLR have completed an initial assessment of potential reserves at the site however detailed assessment would form part of the ultimate quarry design at the appropriate time. The indicative reserve position is as follows;

- Net Clay Mineral: 2,700,000 m³
- Non-Mineral: 550,000 m³

2.2. Estimated output per annum

The output from the quarry of clay extracted and transported to the clay stockpiles is estimated to remain as current at circa 100,000 cubic metres per annum.

2.3. Estimated lifespan of the mineral working (years)

Lifespan of the site based on the above reserve information and clay usage is approximately 20 to 25 years.

2.4. When will the site be ready to be worked?

Reserves in the existing permitted site south of Woodborough Road will be worked out in 2034. We would anticipate commencement of site working and blending from the northern extension commencing early 2030's.

3. Role of site/markets

3.1. Is the site a new Greenfield site or an extension?

The site is an extension of the existing quarry, considering its close proximity of the existing quarry.

3.2. If a Greenfield site, is it replacing an existing mineral working within or outside the county

N/A

3.3. What is your planned market area?

Our planned market area is to use the clay extract to produce bricks in the Dorket Head Factory. Bricks will be used to supply predominantly the house building market and public buildings throughout Nottinghamshire and the UK.

3.4. Is the location of the site optimum in terms of serving the market?

The location of the site is optimum in terms of serving the market, taking into consideration its close proximity to the factory which is a long established brick manufacturer and only one of two in Nottinghamshire.

4. Availability of Mineral**4.1. Do you have the legal rights to work all of the mineral including access to a public highway or any other transport route?**

As part of the formal planning application to support site development, Ibstock Brick will liaise with all statutory consultees including the highways authority.

Infrastructure will be appropriately developed to ensure correct transportation methods are used.

5. Landowner Consent**5.1. Who is the legal owner of the site?**

Land owner of the site is Arnold Lodge Farm Limited, a longstanding land owner and farmer of the site. The land owner has been thoroughly consulted of the plan and is fully agreeable with Ibstocks allocation of this land.

5.2. Is the legal owner of the site also a minerals operator?

No.

5.3. Has the legal owner made a formal agreement with any mineral operator for minerals exploration and/or minerals extraction?

Yes, Arnold Lodge Farm Limited is the land owner of a site which is currently being quarried by Ibstock. Area can be seen below south of Woodborough Road. The working relationship would extent to the operations north of Woodborough Road at the appropriate time.

6. Agricultural land quality**6.1. Agricultural land classifications found within the site**

The land classification of the site is Grade 3A and 3B.

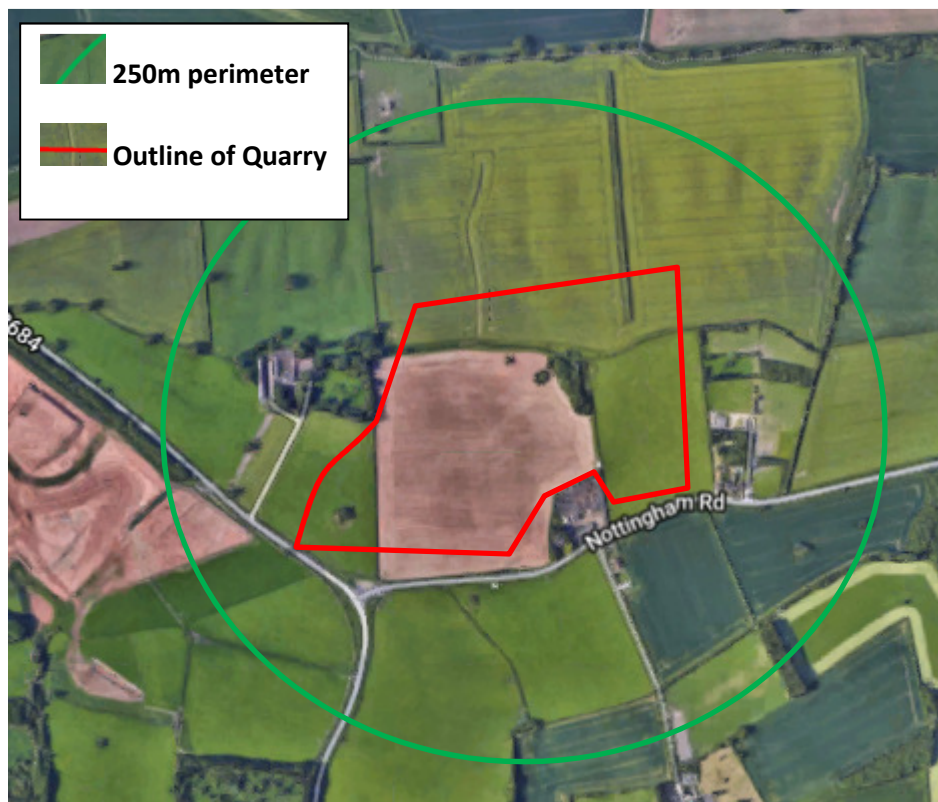
7. Sensitive Receptors

7.1. Is the site located within 250m of any sensitive receptors? (schools, residential dwellings, workplaces, healthcare facilities)

Sensitive receptors include:

- Residential housing at the south-east corner of the quarry
- A scrapyards to the south of the quarry
- A farmhouse dwelling to the west of the Quarry (Owned by the proposed quarry land owner)

All sensitive receptors have been considered and will be provided with appropriate screening and protection to ensure minimal disturbance from the quarry. This would form part of the planning application and impact assessment.



8. Reclamation

8.1. Proposed reclamation schemes – what opportunities for environmental benefits do you see arising from the scheme?

After extraction, the site will be strategically restored to a natural state. The operations will cause a lowering of ground level at the site, which will benefit the landscapes outlook. The restoration to low level will be developed from the working scheme and using Non Mineral from the extraction.

An appropriate restoration scheme will also ensure that water is managed appropriately. The restoration scheme will provide opportunity for biodiversity as part of the scheme.

8.2. Does the reclamation of the site depend on importing fill? If so, please indicate type of waste, main sources and timescales.

As an alternative to the low level restoration scheme, the site could be restored using inert materials to help restore the site to original ground levels. This will be a consideration in the planning application at the appropriate time.

Closure

Ibstock Brick own and operate the Dorket Head Brick factory in Arnold and over hundreds of years, clay has been extracted locally to the factory, minimizing movement by road and using a conveyor to transport clay into the factory.

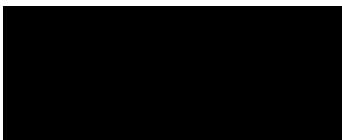
Further extensions beyond the confines of the existing quarry boundary will be necessary in the plan period to maintain a stock of permitted reserve in accordance with National Planning Policy.

Preference should be given to the closest proximity 'extensions' which are both environmental acceptable and commercially available. The northern extension as set out in this 'call for sites' meets these requirements.

If these key components cannot however be met, any presumption in favour of 'extending' the existing site northwards may need to give way to other new remote greenfield site locations.

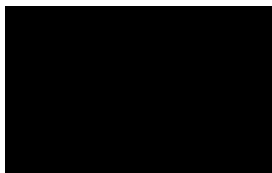
Report Signature Page

Prepared by;



**Patrick Marks MSc BA (Hons)
Assistant Planning & Estates Surveyor**

Reviewed by;



**Simon C Ingram BSc (Hons) MRICS PIEMA
Planning & Estates Manager – UK South**

IBSTOCK BRICK LIMITED