

## LEICESTERSHIRE & RUTLAND MINERALS LOCAL PLAN – FUTURE SAND & GRAVEL PROPOSALS

SITE : **SHAWELL QUARRY – Eastern Extension**

### Resource and Operational Details

- Total Reserve (tonnes). **1.6 million tonnes**
- Estimated Annual Output. **500,000 tonnes pa**
- Geological evidence to indicate that a suitable quality and quantity of material is available.

**Sand and gravel resource proved by borehole drilling in Sept/ October 2014. Resource similar to that historically worked at Shawell Quarry.**

**Sand and gravel thickness ranging from 2.7m -10m thickness ( average 6.5m) overlain by soils /clay overburden ranging from 11.8m- 5.8m ( average 9.5m).**

- Timescale for proposed extraction (approximate start date; estimated life of workings).

**Resource would provide circa 3 years working.**

**Likely to be required to provide continuity for Shawell Quarry within next 5-10 years.**

- Phasing of proposed workings.

**Subject to further design, although early screening on southern boundary with combination of earthworks and tree planting will be key feature of working and restoration design.**

**Access roadways from Lutterworth Road to farm / residential properties east of M1 Motorway ( Shawell Lodge Farm and Barn Farm) to be maintained during working and restoration programme, although likely to require diversion.**

### Environmental Information

- Does the site affect Agricultural Grades 1, 2 or 3a 'best and most versatile' land?

**Soil resource survey not yet conducted, but likely to similar to soils at existing Shawell Quarry, which are predominantly grade 3b.**

- Has any impact on Ecology been assessed?

**No detailed site survey undertaken yet. Land is predominantly arable. Hedgerow and protected species surveys to be carried out.**

- Has any impact on Groundwater/Hydrology been assessed?

**Hydrogeology assessment to be conducted, but issues likely to be similar to the existing quarry with scope for appropriate monitoring and mitigation strategy.**

- Will the site affect any international, national, regional or local designated sites?

Not as far as aware.

- Will the site affect any known archaeological features and/or historical buildings, structures or gardens?

Not as far as aware

#### Transportation

- Means and route of transportation of material to any processing plant and out of the site.

Mineral transported by conveyor via culvert under Lutterworth Road and then across former Great Central Railway line to access the Shawell Quarry working area ( design will be provided for crossing under/ over the public footpath running parallel with former railway line). The conveyor will then link to the existing main conveyor which feeds the Shawell Quarry processing plant via conveyor tunnel under Gibbet Lane.

Mineral to be processed through existing processing plant and existing road access onto Gibbet Lane to the A5 will continue to be used.

#### Restoration

- Proposed use at the cessation of workings.

Restoration likely to be predominantly to agriculture at lower level, using on site overburden and soils. Opportunity for new hedgerows and some woodland planting, with water bodies/ ponds in base of re-profiled landform.

- Will the restoration require importation of waste?

No requirement for imported materials.

Restoration to be achieved using on site overburden and soils only.

#### Buffer zones

- Are there any sensitive uses adjoining or adjacent to the proposed site (i.e. housing, schools, health, community uses)? If Yes, what distance are these uses from the proposed site?

Land is generally remote from residential property. Appropriate operational stand -off can be designed for isolated properties.

Appropriate stand -off to be provided to the M1 Motorway and access roadway.

High pressure gas main crosses northern part of proposal area. No stand -off required until operator (National Grid) confirm post planning application process if pipeline is to be diverted or protected.

- What other measures will be implemented to act as a buffer zone to reduce impacts.

Landscape screening can be provided on southern boundary to protect amenity of Shawell village.

#### Other information

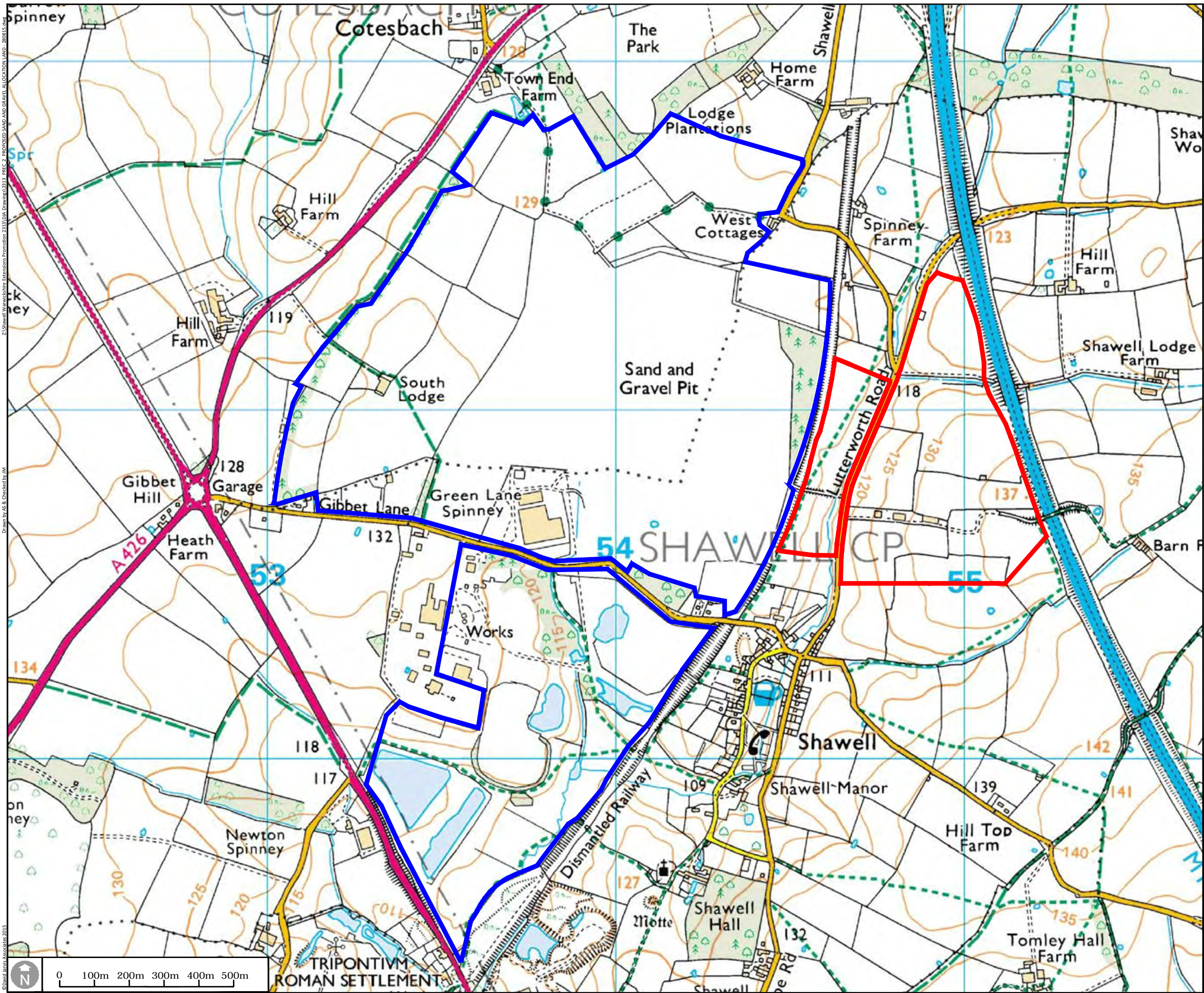
- Have you undertaken any surveys or environmental impact assessments of the site? (Please provide copies where possible).

Assessments being undertaken to assist with preparation of formal Scoping Report.

- Are there any reasons why any of the land that you have identified may not be available for sand and gravel extraction during the proposed plan period (i.e. before 2031)? Please explain briefly the reasons why.

Proposal will be subject to formal Scoping and Environmental Impact Assessment.

Scheme of working and restoration to be agreed with the respective land owners.



KEY

BOUNDARY:  
EXISTING SITE


BOUNDARY:  
PROPOSED ALLOCATION SITE

Notes

Rev	Date	Description

Drawing Status

**PLANNING**



**TARMAC**  
A CRH COMPANY

Location

**SHAWELL QUARRY**

Project

**SHAWELL LEICESTERSHIRE EXTENSIONS PROMOTION**

Drawing Title

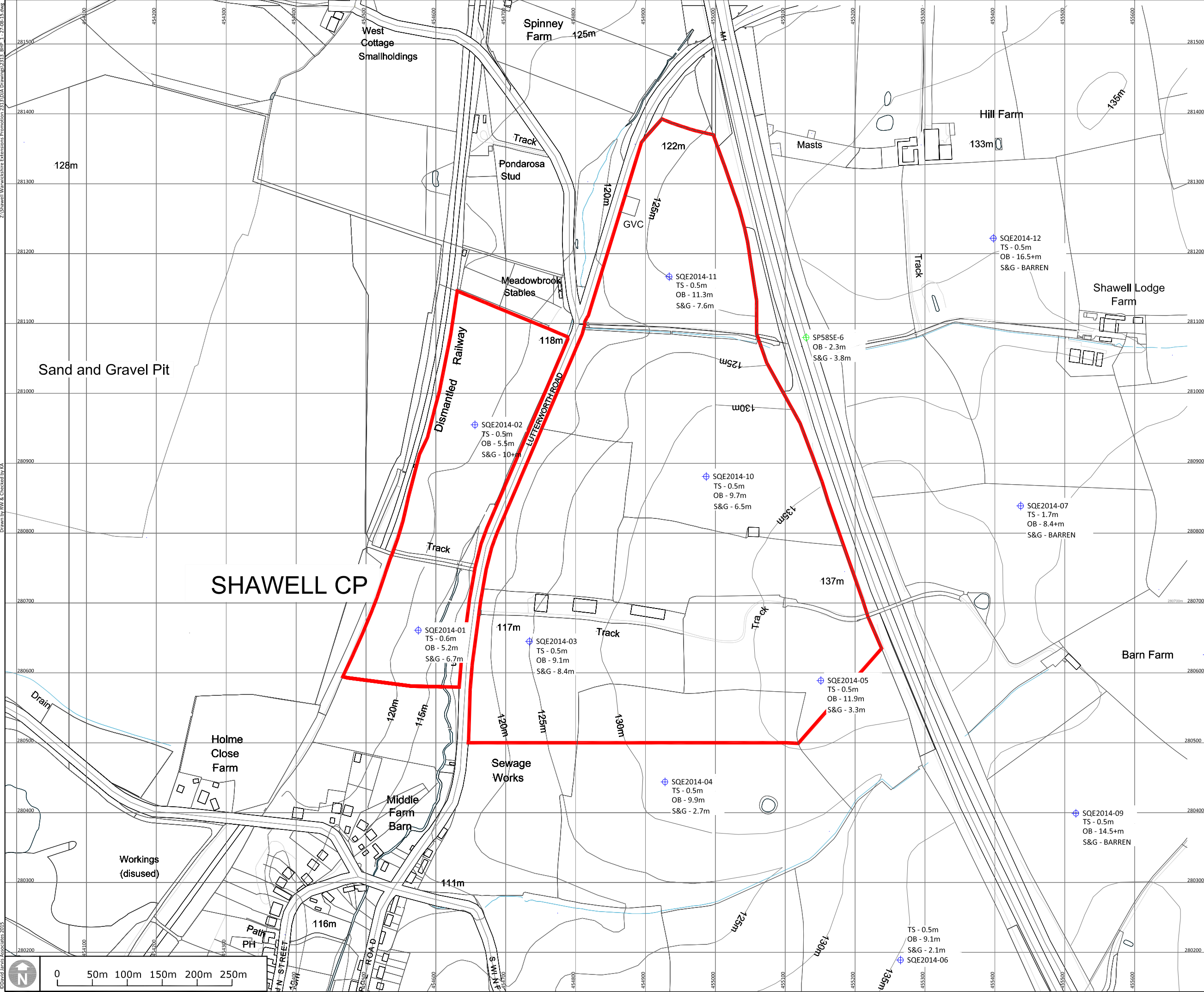
**PROPOSED SAND AND GRAVEL ALLOCATION LAND**

Scale	Sheet Size	Date
<b>1:10,000</b>	<b>A3</b>	<b>AUG 2015</b>

Drawing No.	Revision
<b>2313/PREC/2</b>	-

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BOUNDARY:  
APPLICATION SITE


BOREHOLES:  
TARMAC LTD GEOLOGY  
DEPARTMENT

BOREHOLES:  
OPEN SOURCE BRITISH  
GEOLOGICAL SURVEY

Notes

Drawing Revision		
Rev	Date	Description

Drawing Status



**TARMAC**  
A CRH COMPANY

Location  
**SHAWELL QUARRY**

Project  
**LEICESTERSHIRE EXTENSIONS  
PROMOTION**

Drawing Title  
**EASTERN EXTENSION BOREHOLE PLAN**

Scale  
**1:5000**

Sheet Size  
**A3**

Date  
**AUG 2015**

Drawing No.  
**2313/BHP/1**

Revision  
**-**

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