

SOUTH YORKSHIRE MINING ADVISORY SERVICE

**BUILDING REGULATIONS 2000
APPROVED DOCUMENT A - STRUCTURE (2004 EDITION)
REQUIREMENT A2(b) - SUBSIDENCE**

Application No: TBA

Description: DETACHED DWELLING

Location: LAND ADJACENT TO 12 CONE LANE SILKSTONE COMMON.

Mining and Geological records have been checked and the comments ticked below are applicable to the site:

There is insufficient surface information on the site plan for a report to be completed.	A1
This site is fully/partially covered by previous report no.	A2
The conjectured surface position of geological faulting crosses the area as shown on the attached plan.	A3
Fissure problems may be encountered in the underlying sandstone bedrock.	A4
The conjectured outcrop of the coal seam marked on the attached plan may be exposed in the foundations.	A5
The coal seam shown on the plan may be under the proposed development at a shallow depth.	A6
Shallow mineworkings in the SILKSTONE FOUR FOOT coal seam marked on the attached plan may be present beneath the site.	A7 ✓
The mine shaft/adit marked on the attached plan is recorded within/adjacent to the site boundary.	A8
The area marked on the attached plan is shown to be made ground.	A9
The site will be affected by current/future mining.	A10

OTHER REMARKS

	YES	NO
Encs.	✓	

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The following recommendations are advised in respect of the site:

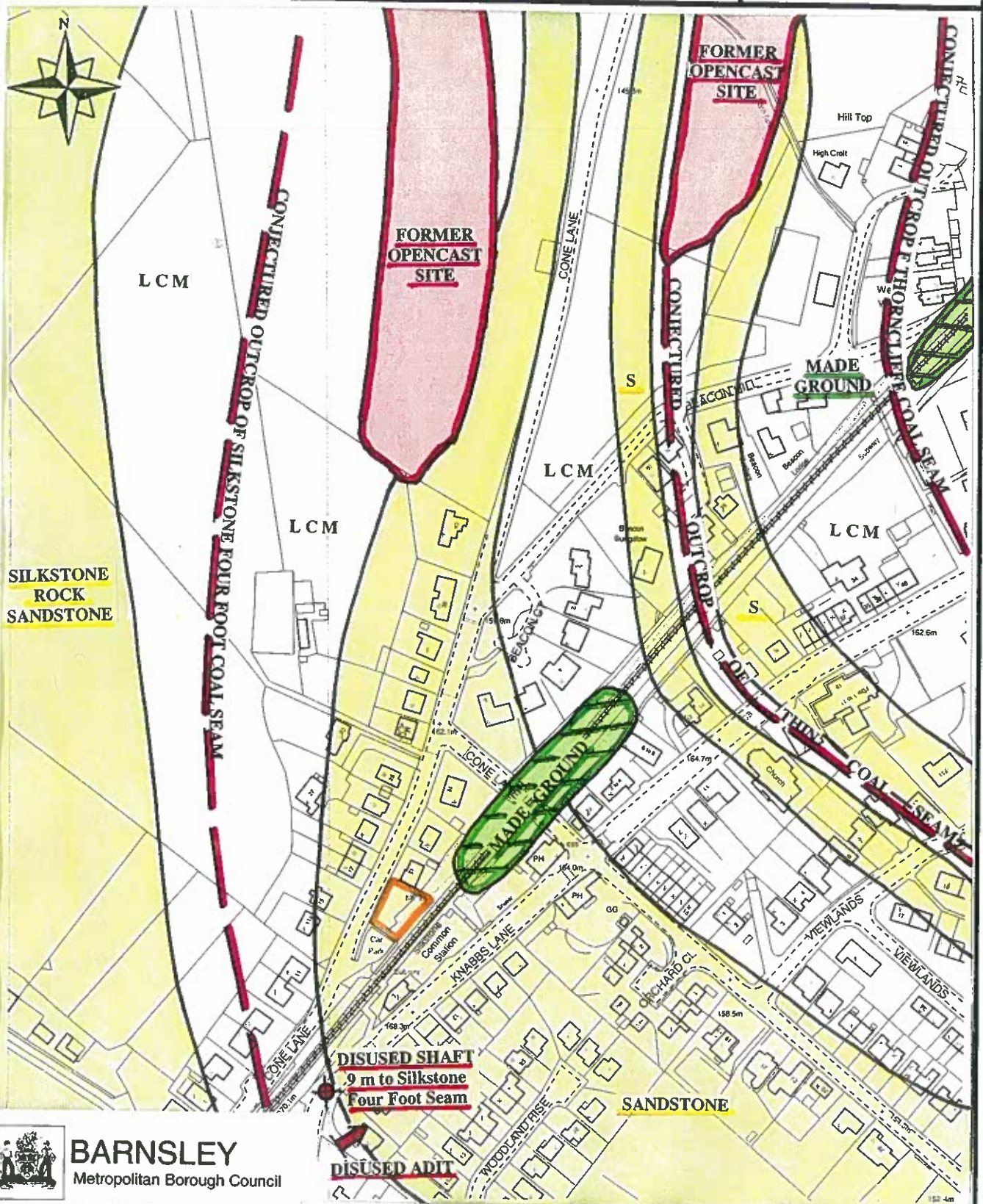
Where fault/fissure problems are encountered, the foundations should be suitably designed.	B1
Any coal exposed by building work should be blinded off to prevent spontaneous combustion.	B2
The necessity for an investigation should be balanced against size and type of proposed development/extension. Boreholes to a depth of m would be recommended in this instance. (Prior consultations with the Coal Authority would be required).	B3
A site investigation should be carried out to check the possible presence of shallow workings/broken ground. Boreholes to a depth of 16m would be recommended in this instance. (Prior consultations with the Coal Authority would be required).	B4 ✓
Ownership of coal mine shafts is vested with the Coal Authority who should be consulted prior to any investigation/measures being undertaken. In any event no building should be sited over the shaft or shaft cap or within an area bounded by a line drawn at 45 degrees back from where the shaft side intersects rockhead.	B5
The foundations may have to be suitably designed to minimise the effect of the current/future mineworkings.	B6
The nature and suitability of any made ground should be investigated.	B7
Precautions may be required should development be located over the highwall of the former opencast/quarry site due to the potential for differential settlement occurring.	B8
Although it is not a consideration of the A2(b) requirement all the usual safety precautions and monitoring procedures in respect of fugitive gases (associated with shallow coals, mine entries, made ground or landfill) should be employed during future excavations.	B9 ✓

SUMMARY REMARKS

DRAWING TITLE

DRAWING NO.

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BARNSELY
Metropolitan Borough Council

SCALE

DATE

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ADVISORY SERVICE**

O.S. REFERENCE

DRAWN BY

CHECKED BY

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