

041\1462\REG

13<sup>th</sup> November 2022

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Dear Ben

### Lower Blacup Farm, Cleckheaton

As requested, please find attached a drawing (Ref. 1462/13) showing the location of the mine shaft (CA Ref. 418424-002) and adit (Ref. 418424-003) recorded at this site.

Both mine entries were located and surveyed-in during our ground investigation (see Report 1462/4, dated January 2024).

With respect to the mine **shaft** (CA Ref. 418424-002), Drawing 1462/13 shows a no-build, zone of influence around the shaft based on:

$(0.5 \times \text{assumed shaft diameter}) + \text{departure} + \text{depth to rockhead}$

$(0.5 \times 2.0) + 0 + 3.0 = \mathbf{4.0m}$

It is apparent from Drawing 1462/13 (which includes superimposition on Newett's current housing layout) that no plots are proposed within, or within 10m of, this zone of influence.

With respect to the mine **adit** (CA Ref. 418424-003), Drawing 1462/13 shows the location in which this was encountered. The line of the adit is based on that shown on CA abandonment plan (Ref 1731, dated August 1885); the abandonment plan is also superimposed on Drawing 1462/13.

Consequently, there is some uncertainty regarding the precise line of this adit. However, it is apparent from Drawing 1462/13 that the adit entrance lies within the rear garden of Plot 25, about 3.5m east of the rear elevation. The adit is expected to run beneath the rear garden of Plot 26 and then beneath Plots 27 & 28.

The line of the adit should be confirmed by drilling during the anticipated works to consolidate shallow mineworkings.

As discussed in Report 1462/4, proposals to treat mineworkings and shafts will need to be discussed with both the Local Authority (most notably Highways), the Coal Authority and NHBC well in advance of starting works on site.

The mine entries encountered at this site should be made safe by treatment in accordance with an appropriate Specification (Lithos can prepare this) and a Coal Authority Permit to Enter or Disturb Coal Authority Mining Interests.



However, at this stage, the following treatment is anticipated:

- Shaft: A reinforced concrete cap (c. 4m in diameter) at rockhead.
- Adit: Excavation until there is at least 3m of competent cover above the adit roof. The entry should then be sealed with a masonry/concrete wall, and the resultant excavation backfilled. That section of adit not overlain by ten times the adit height of competent strata should then be pressure grouted.

Provided the adit is treated as described above, development can take place above the line of an adit. Foundations of any new build plots will need to be suitably reinforced.

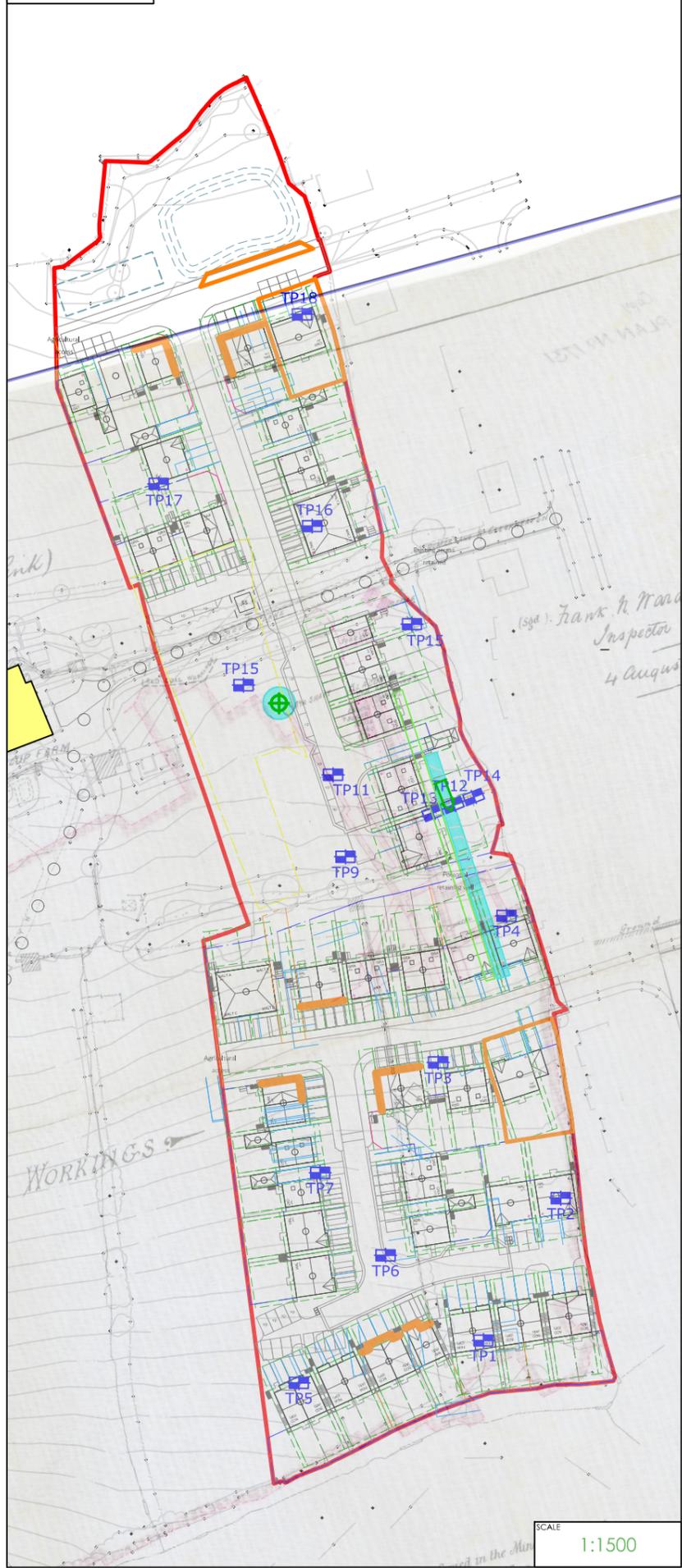
Adits are not like shafts and do not require a formal no-build zone, although it is generally considered prudent not to construct houses over the entrance to any adit. The adit entrance will show up on conveyancing searches, so not having a plot(s) over it may help sales.

Should you require any further information, please contact the undersigned.

Yours sincerely

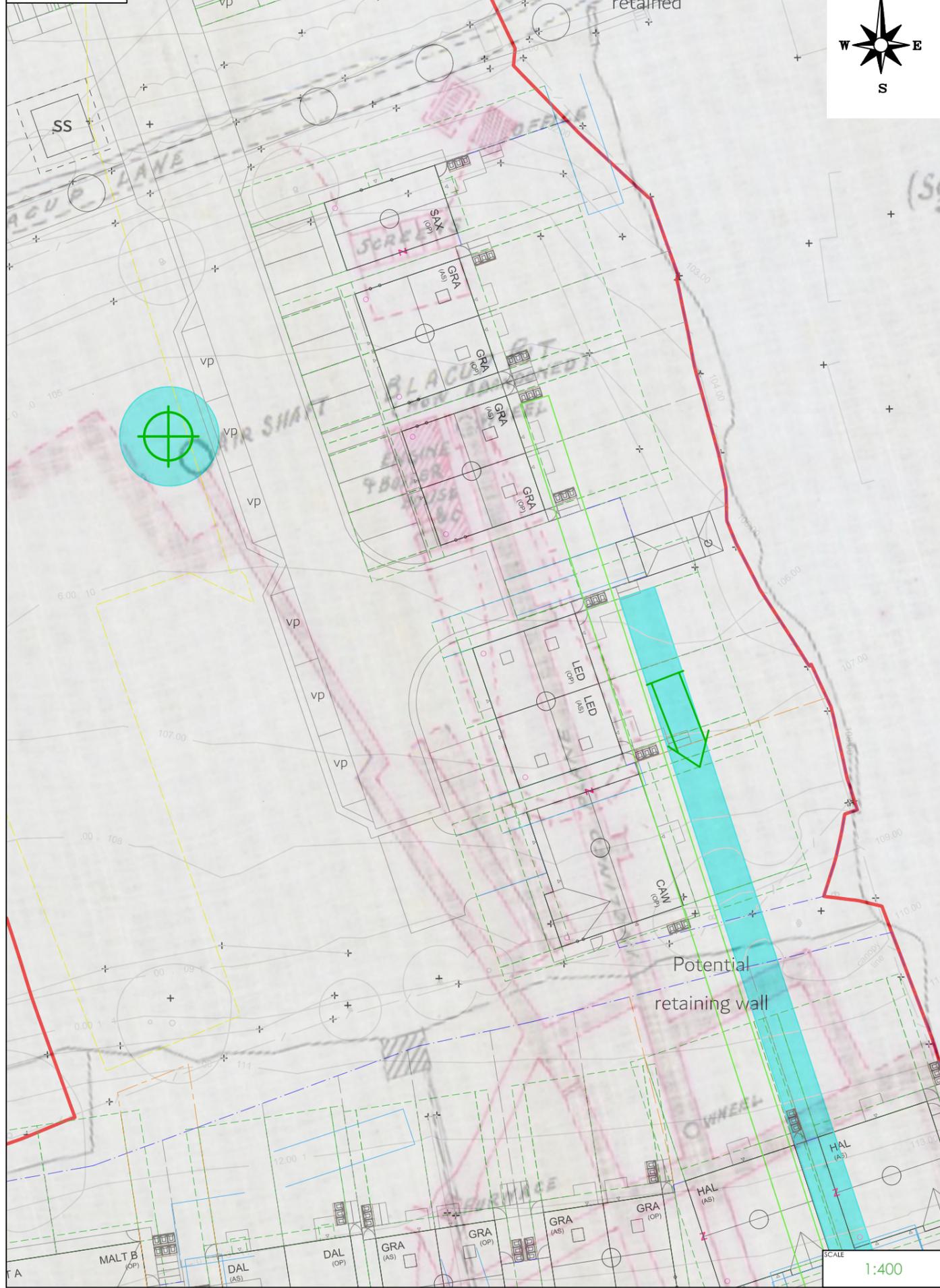
Mark Perrin  
Director  
**for and on behalf of**  
**LITHOS CONSULTING LIMITED**

ENTIRE SITE



SCALE 1:1500

CENTRE OF SITE



SCALE 1:400



NOTES

- APPROXIMATE SITE BOUNDARY
- REPRODUCED FROM NEWETT HOMES  
DRAWING UNREFERENCED, DATED 17 09 2024
- ⊕ MINE SHAFT (SURVEYED POSITION)
- MINE SHAFT ZONE OF INFLUENCE
- ↗ ADIT LOCATION (SURVEYED POSITION)
- APPROX. LINE & WIDTH OF ADIT
- ↗ NOTE: MOUTH OF ADIT IS INDICATED BY THE BASE OF THE ARROW (GREEN LINE)

REV.	DESCRIPTION	DATE



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CLIENT  
**NEWETT HOMES**

JOB TITLE  
**LOWER BLACUP FARM, CLECKHEATON**

DRAWING TITLE  
**MINING FEATURES & PROPOSED CLIENT LAYOUT**

DRAWN	DP	DATE	06 11 2024	STATUS	FOR COMMENT <input type="checkbox"/>
CHECKED	REG	DATE	13 11 2024	FOR APPROVAL	<input type="checkbox"/>
				DRAFT	<input type="checkbox"/>
				FINAL	<input checked="" type="checkbox"/>
SCALE	-	SHEET	A3	DRAWING NO.	1462/13
				REVISION	