

C/O Mr Mark Aylward
Unit 16
Tamewater Court
Dobcross
Oldham
OL3 5GD

Third Floor South
Metropolitan House
Station Road
Cheadle Hulme
Cheshire SK8 7AZ

Tel: 0161 482 0600
Email: info@wmlconsulting.com
Website: www.wmlconsulting.com

Our Ref: 9333G/TPB/SCS/A

1st May 2025

Dear Sirs,

9333G - Huyton Industrial Trade Park

WML Consulting Ltd has been commissioned by Stainforth Construction to prepare a Coal Mining Risk Assessment Report on a proposed development site at Huyton Industrial Trade Estate which was presented in the following report:

- Coal Authority Risk Assessment, referenced 9333G-WML-00-XX-RP-G-0004, dated 17th June 2024.

The letter has been prepared in order to provide the local Planning Authority with information on coal mining and an assessment of its impact on land stability with a view to discharge Condition 8 relating to Knowsley Council planning application no. 22/00662.

Summary of Information

The Rushy Park Mine seam is inferred to sub-outcrop to the east of the site on a bearing of 159 degrees and is therefore anticipated to underlie the site at shallow depth. The Coal Authority indicate that the site is in an area underlain by probable unrecorded shallow mine workings, likely due to the inferred presence of this seam beneath the site.

Subsequent rotary boreholes carried out at the subject site in 2024 encountered intact coal within all boreholes at between 8.00 and 9.00mbgl, considered to represent the intact Rushy Park Mine Seam. A 1m thick void was also encountered at 17.50mbgl in RBH03, considered to represent untreated abandoned mine workings beneath the south-eastern part of the proposed structure. However, these are overlain by greater than 10 times the void thickness of solid strata and as such are not considered to represent a hazard to the site.

Mine entry 345390-09 is inferred to be located within the area currently occupied by car parking and a gas governor and electricity substation in the south-eastern corner of the current planning boundary. The Coal Authority indicate that the margin of plotting error for this entry is up to 10m.

Directors

N. Garside BEng(Hons) CEng FIStructE
A.J.W. Leng BEng(Hons) CEng MIStructE
L.M. O'Gorman BSc(Eng) Hons CEng MIStructE

Associates

G.N. Booth BEng(Hons) CEng MIStructE MICE
A.C. Wildman MEng(Hons) CEng MIStructE
Kevin Sherratt
S. Seddon BSc (Hons), MSc, EurGeol, CGeol, FGS
N. Brock MEng CEng MIStructE

Consultants

T.J. Mottershaw CEng FIStructE
F.G.I. Wright BSc(Hons) MSc DIC CEng MICE MIStructE Dip. Law FCI Arb QDR
C.R. Wallace BSc(Hons) CEng FIStructE
P.G. Davies BSc(Hons) CGeol FGS

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Registered in England No. 3176267

In regard to the existing substation which is located above mine entry 345390-009, there is no immediate requirement for it to be removed in order for the approved employment scheme to go into occupation. As such, this shaft can remain in situ up until any future point where it would be deemed appropriate to clear the substation and undertake investigations of the plotted location of mine entry 345390-009. That approach is consistent with the phasing strategy which has been granted (22/00662/NMA).

Compliance with PPG14 "Development on Unstable Land"

In accordance with the requirements the Coal Mining Risk Assessment has been written and overviewed by appropriately qualified people being Chartered Engineers, Members of the Institution of Structural Engineers or Fellow of the Geological Society.

In accordance with the requirements we believe that the report suitably addresses the risks posed from the Coal Mining legacy to the site and concludes that further mitigation measures are not required during the current phase of development.

Notwithstanding, it is envisaged that full investigation of mine entries 345390-009 and 345390-010 would be required if development was undertaken in the vicinity of those plotted locations.

Given all of the above, it is entirely appropriate to provide a partial discharge of condition 8 in connection with all of the development undertaken to date, which will allow the development to be taken into occupation. In the event that there was an intent to undertake any development in the area above mine entry 345390-009, investigations could be undertaken and analysis provided to discharge the residual elements of condition 8.

We trust this provides you with the information required at this time. However, please do not hesitate to contact us if you have any queries.

Yours sincerely

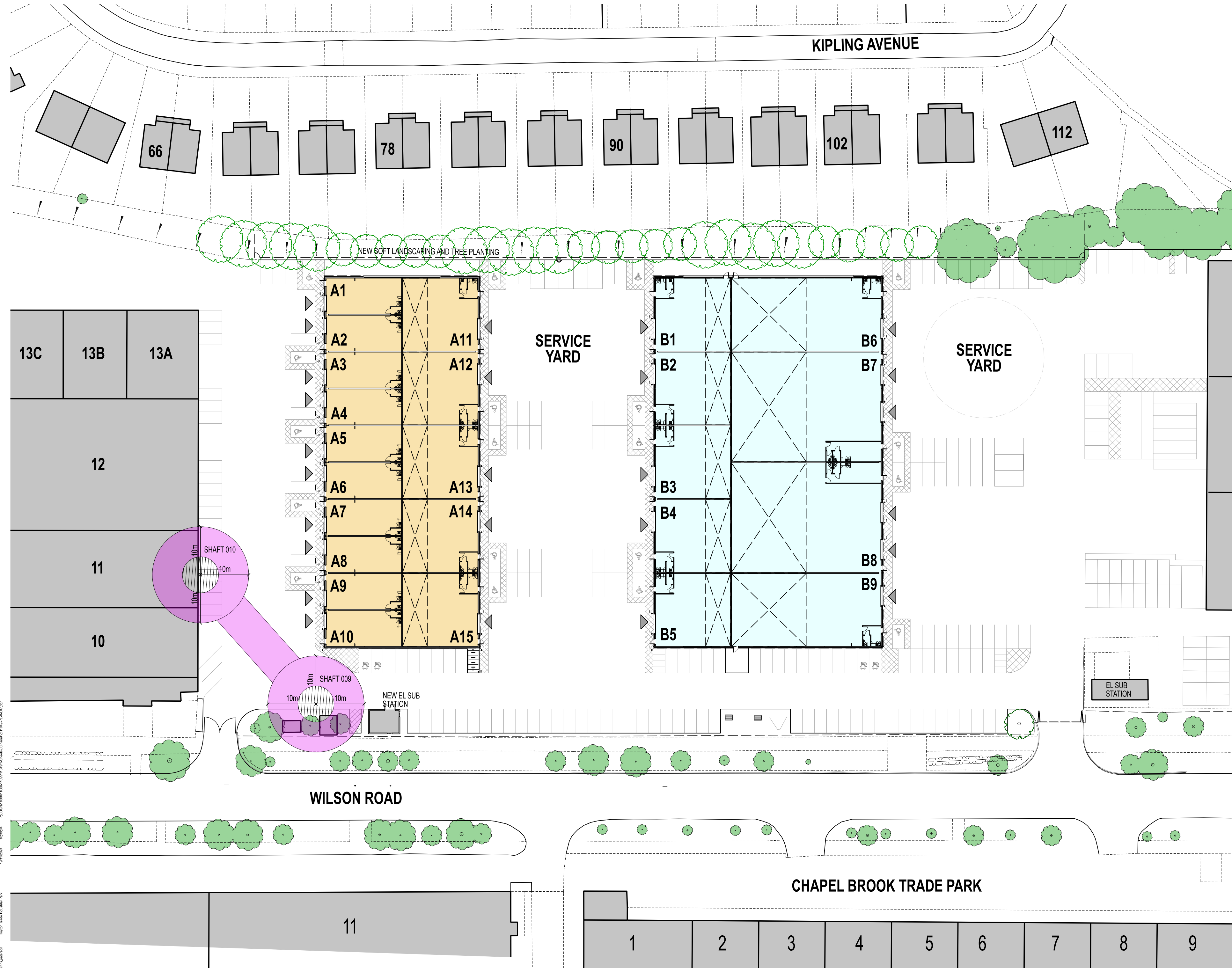


T P Booth



S C Seddon

For and on behalf of WML CONSULTING



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SITE SPECIFIC HAZARDS

IN ACCORDANCE WITH THE REQUIREMENTS OF THE CDM REGULATIONS 2015 THE FOLLOWING SIGNIFICANT RESIDUAL HAZARDS HAVE NOT BEEN DESIGNED OUT OF THIS PROJECT AND MUST BE TAKEN INTO CONSIDERATION BY CONTRACTORS PLANNING TO UNDERTAKE THE WORKS SHOWN ON THIS DRAWING:

SCALE 1:500
0m 5 10 15 20 25 30

KEY

PROPOSED AREA OF FUTURE REDEVELOPMENT WHICH WILL REQUIRE INVESTIGATION TO LOCATE MINE ENTRIES

THE DEPTHS AND DIAMETERS OF THE MINE SHAFTS ARE TAKEN FROM COAL AUTHORITY CONSULTANTS REPORT DATED APRIL 2021. FURTHER INVESTIGATIONS NEEDED TO DETERMINE EXACT LOCATIONS AND DEPTHS.

MINE SHAFT 009 - 345443N, 390101E, CA INDICATE MAX SHAFT DIAMETER OF 2.5m AND SI INFORMATION INFERS A MAX. DEPTH (WORST CASE) TO TOP OF ROCKHEAD OF 2.7MBGL. THEREFORE, ASSUMING AN ANGLE OF REPOSE AT 45 DEGREES FROM TOP OF ROCKHEAD (AT EDGE OF SHAFT) SHAFT AND ZONE OF INFLUENCE IS CIRCA 7.5m DIAMETER.

REFER TO WML CONSULTING DRAWING NO. 9333G RS02-A, DATED 6.11.23 FOR FURTHER DETAILS

REV.	DATE	NOTES	INIT.
A	19.11.24	NOTES UPDATED.	CMP

CLIENT / PROJECT

DERWENT ESTATES

HUYTON INDUSTRIAL ESTATE, LIVERPOOL

DRAWING TITLE

MINE SHAFT ENTRIES ON FUTURE DEVELOPMENT AREAS

STATUS

PLANNING

DATE	DRAWN	SCALE @ A2
18.11.24	RG	1:500

PROJECT NUMBER	STAGE	UNIT / BLOCK	TYPE & NUMBER	REVISION LETTER
11049	PL	X	L07	A

DRAWING NO.

Site Location Plans	L	GA Plans	P	Elevations	E
Sections	S	Details	D	Prefix: Colour	C

THE RATCLIFFE GROVES PARTNERSHIP

MANCHESTER
105 MANCHESTER ROAD
BURY LANCASHIRE BL9 0TD
T. 0161 797 6000 E. manchester@rgp.co.uk
www.rgp.co.uk

LONDON
19 BEDFORD ROW
LONDON WC1R 4EB
T. 020 7600 6666 E. london@rgp.co.uk

RG PARTNERSHIP
architects