

Our Ref: A118515

Mr G Beattie

By email

12 October 2020

Dear Glen

## LAND ADJ TO SUMMERGROVE, WHITEHAVEN - ACCESS APPRAISAL

As requested, on behalf of your client John Swift Homes Ltd, we have undertaken the necessary to work to provide advice on access to a proposed residential development of 30 homes on land adjacent to Summergrove, Whitehaven.

The site is an agricultural field of approx. 2.5ha located directly to the south of the existing Summergrove residential development. The proposed site will be accessed via a new priority junction onto the C4003 Dalzell Street. Dalzell Street is approx. 5.7m wide with 2.5-3m grass verges; it is rural in nature, unlit and is subject to the national speed limit.

A traffic survey was undertaken on Dalzell Street in the vicinity of the proposed access by Matrix Group. Automatic Traffic Counters (ATC) were installed and recorded a full week of data between 21st and 28th August 2020. The full ATC report is attached. The ATC recorded average 24-hour 85th percentile speeds of:

- 42mph northeast-bound
- 41mph southwest-bound

As the 85<sup>th</sup> percentile recorded speeds are above 40mph using Manual for Streets for determining visibility splays is not advised. Therefore DMRB has been used to obtain the recommended visibility splays of 120m in each direction.

The proposed access is 5.5m wide with 6m kerb radii and a 1.8m wide footway. A site visit has confirmed the recommended visibility splays are available from a 2.4m set-back distance. The proposed access arrangement and the visibility splays are shown on the attached WYG Drawing A118515/C001.



From a review of Crashmap it can be seen in Extract 1 below that Dalzell Street local to the proposed site access has a good safety record. There has been just 1 personal injury accident reported on Dalzell Street between Moor Row and the B5292 junction in the most recent 3-year period available. This occurred just south of the emergency vehicle rear access to West Lakes Science Park, approx. 140m from the proposed site access. The incident happened in 2017 and was slight in nature.



**Extract 1: Crashmap** 

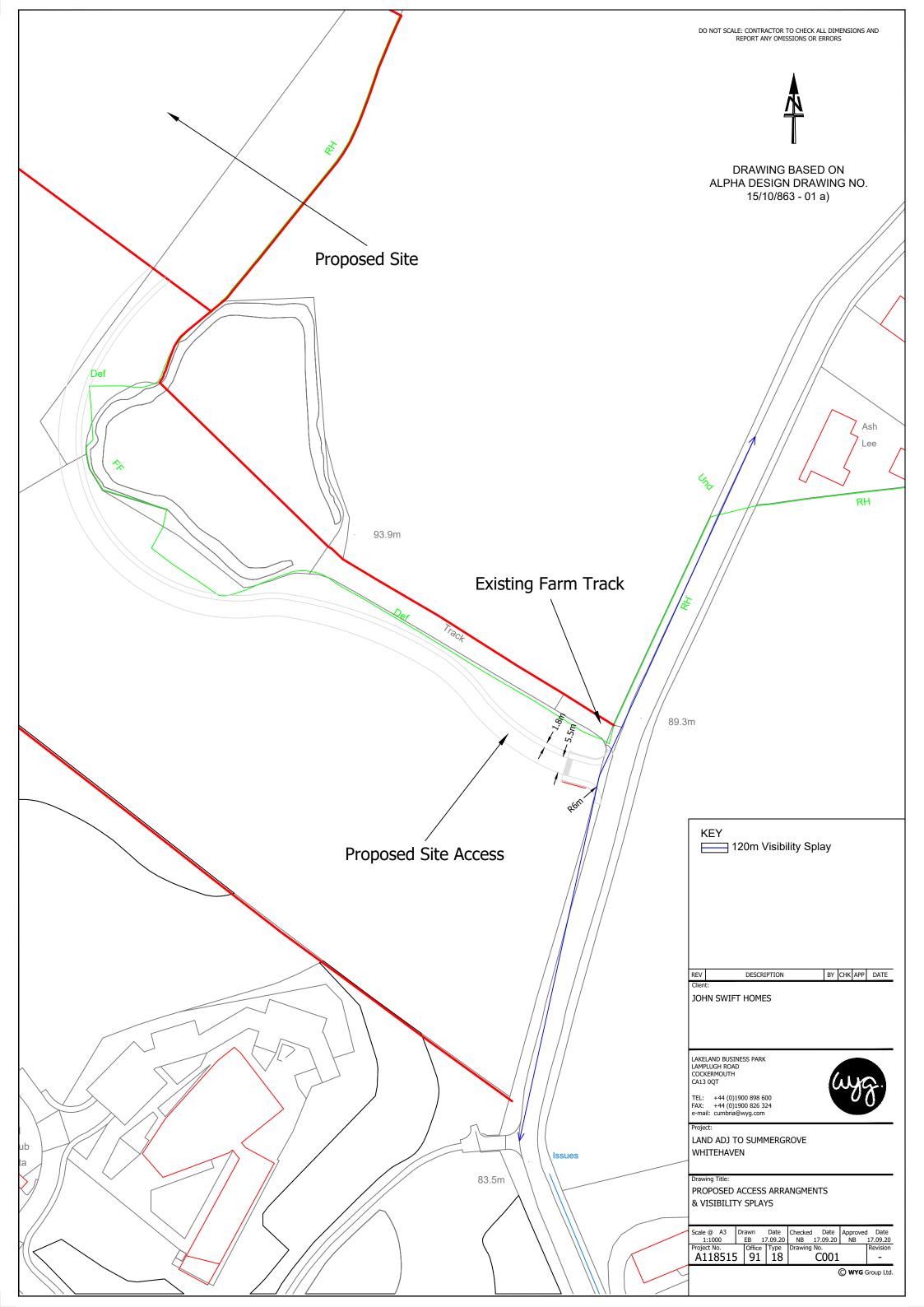
The proposed development of 30 homes is likely to generate around 16 trips in the AM peak and 15 in the PM peak. This small increase can be readily accommodated onto the local road network.

Yours sincerely

Eleanor Bunn **Transport Planner**WYG Environment Planning Transport Limited

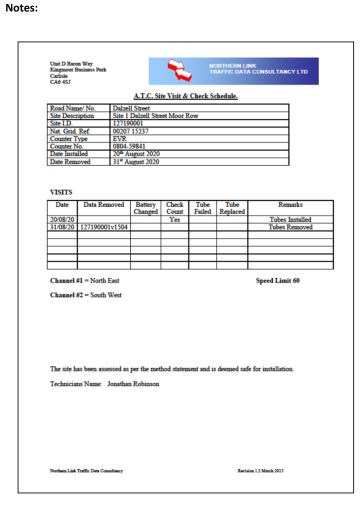
Enc ATC results

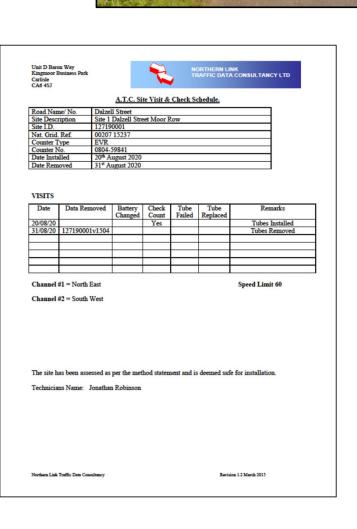
WYG Drawing A118515/C001











Sie No. 12730001 Sie Ref. 12730001 Location 1 Nuchi Dalasii Si Moor Row Speed Summary (Mon-Frit)-Speed Limit 60 Mph From 21/64/2000 to 21/64/2000 to	Sile No. 12720002 Sile Ref. 12720002 Speed Summary (Mon-Pril Speed Limit 60 Mph Chandel: Northwestbound From 12 (Mon-Pril Speed Limit 60 Mph
Site No. 12720001 Site Ref. 12720001	Sile No. 12720002 Sile Ref. 12720002 Location 2 South Dalzel St Moor Row Speed Summary (Mon-Fri) Speed Summis (Mon-Fri) Speed Summary (Mon-Fri) Speed
Second   S	Total   Column   Total   Column   Total   Column   Total   Column   Colum
Site No. 12720001 Site Ref. 12720001 Location 1 North Dalledi St Moor Row Speed Summary (Moo-Fri)-Speed Limit 60 Mg/h From 71,96/2000 To 28/06/20200	Site No. 12720002 Site Ref. 12720002 Location 2 South Dabell St Moor Row Speed Summary (Mon-Fri) Speed Limit 60 Mgh Channel: Total Flow From 12/09/2020 to 28/09/2020
1000   10000   10000   10000   10000   10000   10000   10000   10000   10000   10000   10000   10000   10	1
150   42   37 7   0   1   1   2   15   43   61   25   8   1   1	150 43 37 7 0 1 1 0 2 14 43 56 26 10 2 1 1  Vehicle Data Analyser Professional R2 63/(76)/2020  Site No. 12720002 Site Ref. 12720002  Location 2 South Data# St Moor Row  Speed Summary (Mon Sun)-Speed Limit 60 Mgh
From 12/64/2003 to 21/64/2003 to 21/64/2003   From 12/64/2003 to 21/64/2003   From 12/64/2003 to 21/64/2003   From 12/64/2003   From 12/	The color   The
Vehicle Data Analyser Professional R2 03/09/2520  Site No. 12720001 Site Not. 12720001 Location 1 North Daled St Moor Row Speed Summary (Mon-Sun) Speed Limit 60 Migh From 21/04/2020 To 21/04/2020	Vehicle Data Analyser Professional RZ 30/59/2020  Sile No. 12272002 Sile Ref. 12720002 Location 2 South Dailerli St Moor Reve  Speed Summary (Mon-Sun)-Speed Limit 60 Mgh From 12/06/2020 To 28/98/2020
	Table
Vehicle Data Analyser Professional R2 03/09/2520  Site Not. 12720001 Site Not. 12720001 Location 1 North Daked St Moor Row Speed Summary (Mon-Sun)-Speed Limit 60 Migh From 12/04/2020 To 23/09/2020	Vehicle Data Analyser Professional 82 30/59/2020  Sale No. 12720002 Sale Ref. 12720002 Location 2 South Dalzell St Moor Row  Speed Summay (Mon-Sun) Speed Limit 60 Mg/h From 12/06/2020 To 28/04/2020
100	1

Site No. 12720001 Site Ref. 12720001 Location 1 North Dated St Moor Now Classification Summary (Mon-Fri)-Euro 13 From 12/09/2020 to 23/09/2020	Sile No. 12720022 Sile Ref. 12720022 Location 2 South Baltell St Moor Row Classification Summary (Moor Fri) Euro 13 From 21/85/2000 To 28/96/2020
	Total   State   Stat
Site No. 12720001 Site Ref. 12720001 Location 1 North Dabell St Moor Row Classification Summary (Moo-Fri)-Euro 13 From 12/(R)/2202 To 24/(04)/22020	Site No. 12720002 Site Ref. 12720002 Location 2 South Dated St Moor Row Classification Summary (Mon-Pri)-Euro 13 From 21/08/2005 to 28/09/2000
	Sign
Cascilion 1 North Dahrell St Moor Row  Cascilication 1 North Dahrell St Moor Row  Cascilication 5 North Dahrell	Cassification 2 South Dalsell St Moor Row  Classification Summary (Mon-Fri)-Euro 13  From 21/08/2000 To 28/08/2000  Part of the Common State of th
0.00	
1846-22    1268   1188   14   3   0   0   0   0   0   0   0   0   3   0   1846-22    1846-22    1846-23    1846-24    1846-23    1846-24    1846-24    1846    1846-24    1846    1846-24    1846    1846-24    1846    1846-24    1846    1846-24    1846    1846-24    1846    1846-24    1846    1846-24    1846    1846-24    1846    1846-24	MANUAL   1391   137   13
PM Pleak 1600 16:00 16:00 13:00 13:00 23:00 23:00 16:00 19:00 23:0	PMM Peak   16:00   16:00   14:00   13:00   13:00   23:00   23:00   23:00   16:00   16:00   23:00   23:00   23:00   16:00   23:00   16:00   23:00   16:00   23:00   16:00   23:00   16:00   23:00   16:00   23:00   16:00   16:00   23:00   16:00   16:00   23:00   16:00   1
Classification Summary (Mono Sun)-Euro 13  Fig. 12	Caseffication Summary (Non-Sun) - Euro 13   Transport Computer (Non-Sun) - Euro 14   Transport Computer (Non-Sun) - Euro 15   Transport Computer (Non-Sun) - Eu
Classification Summary (Mono Sum) Fatro 13 From 21/04/2020 To 24/04/2020    14   14   14   14   14   14   14   1	Classification Summary (Mond-Sun) Suns 13 From 21/06/2003 To 28/06/2004  From 21/06/2003 To 28/06/2004  From 21/06/2003 To 28/06/2004  From 21/06/2003 To 28/06/2004  From 21/06/2004  From 21/06
5:00	1506
Total   Tota	
PM Pleak 1600 16:00 16:00 18:00 13:00 23:0	PMM Peak   16:00   16:00   19:00   13:00   13:00   2
Site No. 12720001 Site Ref. 12720001 Location 1 North Dabell St Moor flow  Classification 5 summary (Mon-Sun)-Euro 13 From 12/6/1/2020 To 23/6/0/1/2020  The Ref. 1 12720001 Channel: Total Flow  Chan	Site No. 12720002 Site Ref. 12720002 Cocation 2 South Dalzell St Micer Row Castification summary (Mon-Sun)-Euro 13 From 21/08/2020 To 28/08/2020 To 28/08/20
0.00   0.00	100