

Our Ref: AMA/20366/001

07 December 2021

Highways Development Control
Barnsley Metropolitan Borough Council

51A St Pauls Street
Leeds
LS1 2TE

Tel: 0113 418 2615
Mob: 07917 087 436
info@amatp.co.uk

**Subject: Highways Technical Note for Land at New Smithy
Avenue, Thurlstone: Full Application for 28 Residential Dwellings**

This Highways Technical Note (HTN) accompanies a full application currently under consideration, planning application reference 2020/1221. This application was submitted in October 2020 and originally sought consent for 36 dwellings, but this has since been reduced to 28 dwellings. The site is located off New Smithy Avenue, Thurlstone.

A Transport Statement (TS) was submitted in October 2020 as part of the original application, however the TS was later updated and submitted in March 2021 to include BMBC collision data. Both of the previous TS reports were prepared and based on the proposed quantum of 36 dwellings which which concluded that the proposed scheme had no noticeable impact on the local highway network.

As detailed within the TS, Personal Injury Collision (PIC) data was obtained for the latest five-year period (01.01.2015 to 04.02.21) available from Barnsley Metropolitan Borough Council (BMBC) and is still considered to accurately represent the existing situation in relation to accidents on the Local Highway Network, the site not adversely affecting the existing situation.

A copy of the collision data is attached to this Highways Technical Note for ease of reference.

This full application proposes a reduction in residential dwellings on the site to a total of 28 units. The proposed site layout plan is appended to this document prepared by Newett Homes with drawing reference *S101-Rev-N*.

The proposed layout has been designed in accordance with the relevant residential design guidance and will be subject to a Section 278 and 38 submission following the full application's layout seeking adoption of the site's internal road and drainage network.

For clarity, the site layout has been tracked with the appropriate Barnsley refuse vehicle with tracking also appended to this document.

The site has a single primary access junction via the existing residential street of New Smithy Avenue. The access has been designed in accordance with BMBC guidance with a 5.5m wide carriageway, and 2 x 2m wide footways.

On this basis, given the proposals are of a reduced quantum, this would result no increase in trip generation to that to that worst-case scenario already submitted for consideration. As such it is considered to be acceptable in principle to Barnsley Highways that no additional assessment is required prior to determination of the application.

Should any questions, clarifications or queries on the proposed layout be raised by the LHA we will address these via direct correspondence to ensure all requirements are addressed appropriately.

We trust that the above meets with your approval and will be happy to discuss any elements arising.

*Enc: S101-Rev-N
AMA/20366/ATR003
PIC Data*

*–Proposed Site Layout
–Vehicle Swept Path Analysis
–BMBC Collision Data*

ACCOMMODATION SCHEDULE						
Market Units						
Housetype	Bed		Storey Height	Sales (SQFT)	Number	Total SQFT
N302	3	Detached	2	973	2	1946
N305	3	Detached	2	1114	1	1114
N307	3	Detached	2	1246	6	7476
Total					9	10536
						45%
Housetype	Bed		Storey Height	Sales (SQFT)	Number	Total SQFT
N401	4	Detached	2	1178	3	3534
N402	4	Detached Integral	2	1246	1	1246
N403A	4	Detached	2	1384	2	2768
N403B	4	Detached	2	1384	3	4152
N404	4	Detached Integral	2	1418	2	2836
Total					11	14536
						39%
Sub-total					20	25072
						71%
Affordable Units						
Housetype	Bed		Storey Height	Sales (SQFT)	Number	Total SQFT
A2	2		2	738	4	2952
A3	3		2	906	4	3624
Total					8	6576
						29%
Sub-total					8	6576
GRAND TOTAL:					Number	Total SQFT
					28	31648



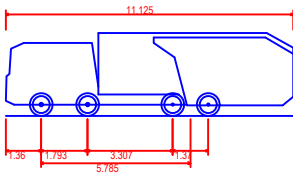
Thorpe Arch Grange
Walton Road
Thorp Arch
LS23 7BA
01937 543599
www.newethomes.co.uk

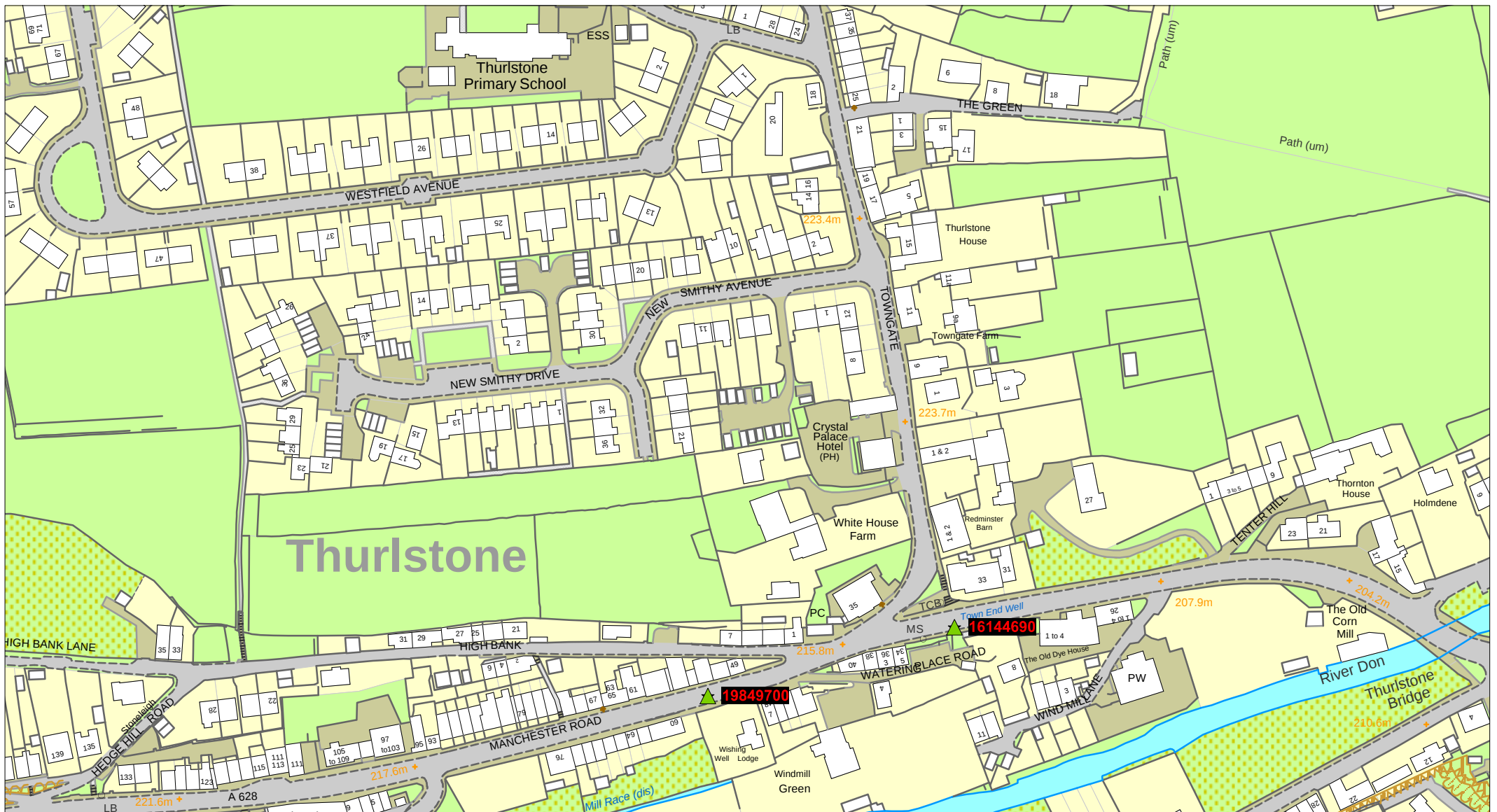
Drawing Title
Planning Layout
Site
Thurlistone

Date	Description	Rev
27.08.21	Revised layout following site meeting with BMBC	L
04.10.21	Additional hedegrow and boundary treatments added	M

Scale @ A3	1:500	Date	04/10/21
Drawn	MC	Checked	WN
Drawing No.	S101	Rev.	N



VEHICLE PROFILE			
 Phoenix 2-25W (with Volvo FM12 chassis) Overall Length Overall Width Overall Body Height Min Body Ground Clearance Track Width Lock to lock time Kerb to Kerb Turning Radius 11.125m 2.530m 3.205m 0.410m 2.500m 4.00s 9.250m			
P1	Preliminary - Initial Issue	-	-
 ANDREW MOSELEY ASSOCIATES TRANSPORT AND DEVELOPMENT PLANNING CONSULTANTS Project: NEW SMITHY AVENUE THURLSTONE Client: NEWETT HOMES Drawing: LARGE REFUSE VEHICLE SWEPT PATH ANALYSIS Drawn By: AJA Date: 07/12/2021 Checked: ATM Scale: 1:500 A3 Drawing No. AMA/20366/ATR/010 Rev. -			



MAKING SOUTH YORKSHIRE
ROADS SAFER

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Selected Range of Accidents between dates 01/01/2015 and 04/02/2021
Selected using Manual Selection

SCALE	1 : 2000
DATE	23/02/2021
DRWG No.	
DRN BY	

Details of Personal Injury Accidents for Period - 01/01/2015 to 04/02/2021 (73) months

Selection: Notes:

Selected using Manual Selection

Police Ref.	Day	Location Description	Vehicles				Casualties			
			Veh No / Type / Manv / Dir / Class				Sex / Age / Sev			
Road No.	Date									
2nd Road No.	Time									
Grid Ref.	D/L									
	R.S.C									
	Weather									
	Speed									
	Account of Accident									
Causation Factor:										

16144690 Monday MANCHESTER ROAD (A628) Veh 1 Car Going ahead E to W Dri M 82 Slight
 28/11/2016 BARNSELY AT OR WITHIN 20 MTS Veh 2 Parked 0 to 0
 R1: A 628 0730hrs OF TOWNGATE
 R2: U Darkness: street lights present
 E 423,376 Dry
 N 403,481 Fine without high winds
 30 mph

Causation Factor:	Participant:	Confidence:
1st: Failed to look properly	Vehicle 1	Very Likely
2nd: Sudden braking	Vehicle 1	Very Likely
3rd: Uncorrected, defective eyesight	Vehicle 1	Possible
4th: Dazzling headlights	Vehicle 1	Possible

V1 APPROACHING V2 PARKED AND UNATTENDED. V1 ATTEMPTS TO OVERTAKE V2 AND COLL INTO REAR.

19849700 Thursday MANCHESTER ROAD (A628) Veh 1 Car Going ahead W to E Dri M 46 Slight
 20/06/2019 BARNSELY Veh 2 Car Going ahead E to W Dri F 51 Slight
 R1: A 628 0900hrs
 Daylight:street lights present
 E 423,283 Dry
 N 403,455 Fine without high winds
 30 mph

Causation Factor:	Participant:	Confidence:
1st: Careless/Reckless/In a hurry	Vehicle 1	Very Likely

TWO VEHICLE RTC, V001 WAS TRAVELLING TOWARD PENISTONE ON A SINGLE CARRIAGE WAY. THERE WERE VEHICLES PARKED ON HIS NEARSIDE SO THERE WAS ONLY FLOW OF TRAFFIC FOR ONE VEHICLE. DRIVER OF V001 WENT INTO THE CENTRE PART OF THE CARRIAGEWAY TO AVOID PARKED CARS AND COLLIDED WITH AN ONCOMING V002. BOTH HAVE BEEN SEEN TO BY THE AMBULANCE AND HAVE MINOR BRUISING AND SEATBELT MARKS. THE DRIVER OF V001 HAS BEEN INTERVIEWED AND HE CLAIMS HE LOOKED AT HIS SAT NAT FOR A SPLIT SECOND LOOKED UP AND COLLIDED WITH THE ONCOMING VEHICLE. THERE IS NO OFFENCES DISCLOSED.