# **Technical Note**

Land north and west of Stonepound Junction, Hassocks

April 2019



**Reeves Transport Planning** 

PRODUCED for GLOBE HOMES
PRODUCED by REEVES TRANSPORT PLANNING LTD
SGR/SJH/270319/V2

## 1. Introduction

- 1.1 Reeves Transport Planning is commissioned to provide a Technical Note in support of the resubmission of refused Mid Sussex District Council planning application (DM/18/0010).
- 1.2 The original application was refused for a number of reasons. Reason 4 notes that 'it is considered that it has not been satisfactorily demonstrated due to lack of information in regard to right turn movements in and out of the proposed junction that the application from a highway safety perspective would comply with Policy DP21 of the District Plan. In the absence of sufficient information regarding the operation of the new access the proposal is therefore contrary to Policy DP21 of the District Plan'. A copy of the Decision Notice is attached at Appendix 1.
- 1.3 The Local Highway Authority requested additional information in support of the original planning application. A copy of their comments, dated 7<sup>th</sup> February 2018, are attached at Appendix 2. The comments concluded that there was no material highway safety or capacity issues associated with this proposal. They did request additional plans showing that a refuse vehicle and car can use the access without blocking traffic on London Road and detailed plans of the proposed highway works, including lining. These plans were submitted and registered on the 12<sup>th</sup> June 2018 and there appears to be no further comment from the Local Highway Authority.
- 1.4 There are public objections that raise concern about the risk of vehicles turning right into, and out, of the site blocking traffic on London Road.
- 1.5 The Officer's Delegated Report notes that the Local Highway Authority comments were that 'the accompanying Road Safety Audit has highlighted a need for off-site highway improvements relating to this development. However, the current drawings do not show these incorporated in the design. As such, further information is required from the applicant to demonstrate the access and

associated infrastructure meets design and safety requirements'. There is no reference to the plans that were submitted to address these concerns. The Report continues that 'while some additional information has been submitted following WSCC Highways concerns, the swept paths only show left turn in and left turn out and therefore right turn movements in and out of the junction are also still required. WSCC highways have stated that once right turn movements are submitted, they will be able to finalise their comments. Although the additional information has been requested from the applicant to date it has not been received'.

1.6 This Technical Note will address the concerns relating to right turn vehicles and the likely effects on traffic flows, and it will establish that the traffic impacts of this proposal can not be defined as severe.

## 2. Impact of Right Turn Movements

- 2.1 The data contained in Appendix 9 and Table 2 of the original Transport Statement demonstrates that there is around a 50:50 split in traffic using London Road, and that the proposal will generate a maximum of thirteen vehicle movements in the AM and PM peak hours. The data shows that there are four arrivals and nine departures in the AM peak hour and nine arrivals and four departures in the PM peak hour. During the busiest hours there will be a maximum of seven right turning vehicles. There will be two arrivals and five departures in the AM peak hour and five arrivals and two departures in the PM peak hour. This proves that, on average, there will be one right turn movement every eight minutes in the busiest hour.
- 2.2 Additional swept path analysis have been undertaken, which illustrate that a typical large refuse vehicle can wait in the right turn lane without impeding either the north bound, or south bound, traffic flows on London Road. The earlier swept path analysis, as noted, showed that a refuse vehicle and car can use the access without blocking London Road. The outbound swept path analysis also shows that

a refuse vehicle can leave the site and turn right without impeding the free flow of traffic on London Road. The additional swept path analyses highlighting the right turn movements are attached, as Appendix 3.

- 2.3 As noted in the Transport Statement, the visibility splay at the new access accords with the required design standards.
- 2.4 Data collected for the original Transport Statement, attached at Appendix 4, demonstrates that that, in the AM peak hour, there was a total of 1034 vehicles passing the site and a total of 1090 vehicles during the PM peak hour.
- 2.5 To give these values some context, Design Manual for Roads and Bridges Volume 5 Part 3 TA 46/97 Traffic Flow Ranges for use in the Assessment of New Rural Roads notes that the maximum throughput for the existing road is approximately 1380 vehicles per hour per lane. Therefore, this suggests that the traffic using London Road passed the site equates to 37% of the maximum throughput in the AM peak hour and 39% in the PM peak hour. Typically, a traffic flow of above 80% of the maximum throughput starts to have effects on the operational performance of the road and nearby junctions. Clearly, this section of London Road is operating well within the typical capacity that such a road is able to accommodate. Accordingly, a small number of vehicles turning right will not materially affect the road performance.

## 3. Summary and Conclusion

3.1 Reeves Transport Planning is commissioned to provide additional information in support of the resubmission of a planning application for 25 houses on land north and west of Stonepound Junction, Hassocks. The original application was refused for a number of reasons, one of which related to right turning traffic.

- 3.2 There is no evidence to suggest that the operational performance of London Road will be adversely affected by the introduction of the new junction or by the impacts of right turning vehicles. In the busiest hour, on average, there will only be one right turning vehicle using the junction every eight minutes. This is when there is over 60% spare capacity in traffic using London Road. There may be a short term disruption to the smooth operation of the new junction that could be caused by the peak hour queues from the London Road/Keymer Road traffic signal junction. However, there is a clear imperative placed on drivers to use roads in an appropriate manner and such short term disruption cannot be defined as severe.
- 3.3 Some objectors raised concerns that right turn vehicles may block the free flow of traffic. This Technical Note has shown that the impacts of right turning vehicles cannot be considered as severe, and therefore this is not a reasonable ground to object to the application. It is also important to note that there is a clear legal duty for drivers to use a road in an appropriate fashion for the prevailing conditions. The Highway Code states in paragraph 180, under the *Turning Right* heading, that drivers should 'take great care when turning into a main road; you will need to watch for traffic in both directions and wait for a safe gap'.
- 3.4 Whilst there is a possibility that there could be some minimal delay in the busiest hours, the data presented and swept path analyses demonstrate that the operational performance of junctions, and the road network, will not be affected to a degree that can be considered as *severe*. Accordingly, and as concluded in the original Transport Statement, this application fully complies with the relevant local and national polices so should not be refused on transport grounds. The applicant welcomes conditions to control the access construction and provision of car and cycle parking.

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	Land Hortif and West of Stonepound Junetion, Hassocks
APPENDIX 1:	
DM/18/0010 DECISION NOTICE	



Oaklands Road Haywards Heath West Sussex RH16 1SS Switchboard: 01444 458166

Fax: 01444 477461

DX 300320 Haywards Heath 1

www.midsussex.gov.uk

Globe Homes Mr Ian Coomber Absolute Town Planning Ltd Gemini House 136-140 Old Shoreham Road Brighton And Hove BN3 7BD

TOWN AND COUNTRY PLANNING ACT 1990 TOWN AND COUNTRY PLANNING (DEVELOPMENT MANAGEMENT PROCEDURE ENGLAND) ORDER 2015

## **REFUSAL**

REFERENCE: DM/18/0010

DESCRIPTION: OUTLINE PLANNING PERMISSION FOR RESIDENTIAL

DEVELOPMENT (25 HOUSES) WITH DETAILS REGARDING ACCESS SUBMITTED AND ALL OTHER MATTERS RESERVED.

LOCATION: LAND AT GRID REFERENCE 529886 115629, HURST ROAD,

HASSOCKS, WEST SUSSEX

**DECISION DATE:** 10 JUL 2018

CASE OFFICER: SUSAN DUBBERLEY -

SUSAN.DUBBERLEY@MIDSUSSEX.GOV.UK

The Council hereby notify you that they **REFUSE** to permit the above development as shown in the submitted application and plans.

The reasons for the Council's decision are:-

- 1. Whilst the dwellings will make a positive contribution to additional housing in the district the proposed development is located within the countryside outside of the built up area of Hassocks, and thus would be contrary to policies DP12 and DP15 of the District Plan as there is no identified need for these units in this location and the proposals are not necessary for the purposes of agriculture and are not supported by other policies in the Plan.
- 2. There is the potential for unknown heritage assets of archaeological interest (i.e. below-ground archaeological remains) to be present within the site. Due to lack of information in regard to the assessment of the impact of the development on heritage

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- assets, it has not been demonstrated that the application would comply with Policy DP34 of the District Plan.
- 3. The proposal does not satisfy the requirements of Policies DP20 and DP31 of the District Plan in respect of infrastructure requirements, including affordable housing provision, to service the development as supplemented by the Council's Supplementary Planning Document 'Development and Infrastructure' dated February 2006.
- 4. It is considered that it has not been satisfactorily demonstrated due to lack of information in regard to right turn movements in and out of the proposed junction that the application from a highway safety perspective would comply with Policy DP21 of the District Plan. In the absence of sufficient information regarding the operation of the new access the proposal is therefore contrary to Policy DP21 of the District Plan.

#### **INFORMATIVES**

1. In accordance with Article 35 of the Town and Country Planning (Development Management Procedure) (England) Order 2015, the Local Planning Authority has acted positively and proactively in determining this application by identifying matters of concern with the proposal and discussing those with the Applicant. However, the issues are so fundamental to the proposal that it has not been possible to negotiate a satisfactory way forward and due to the harm which has been clearly identified within the reason(s) for the refusal, approval has not been possible.

## **Human Rights Implications**

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The planning application has been considered in light of statute and case law and any interference with an individual's human rights is considered to be proportionate to the aims sought to be realised.

## Plans Referred to in Consideration of this Application

The following plans and documents were considered when making the above decision:

Plan Type	Reference	Version	Submitted Date
Location and Block Plan	TA 1092/01		03.01.2018
Location and Block Plan	TA 1092/02		03.01.2018
Site Plan	TA 1092/03		03.01.2018

Divisional Leader for Planning and Economy

**REOUTZ** 

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### APPEALS TO THE SECRETARY OF STATE

## **Notes for Applicants**

If you are aggrieved by the decision of your Local Planning Authority to refuse permission for the proposed development or to grant it subject to conditions, then you can appeal to the Secretary of State for the Environment under Section 78 of the Town and Country Planning Act 1990.

If you want to appeal against your local planning authority's decision then you must do so within 6 months of the date of this notice;

## However, if

- (i) this is a decision on a planning application relating to the same or substantially the same land and development as is already the subject of an enforcement notice, and you want to appeal against your local planning authority's decision on your application, then you must do so within 28 days of the date of this notice; or
- (ii) an enforcement notice is subsequently served relating to the same or substantially the same land and development as in your application and if you want to appeal against your local planning authority's decision on your application, then you must do so within:
  - 28 days of the date of service of the enforcement notice, or
  - within 6 months (12 weeks in the case of a householder appeal) of the date of this notice, whichever period expires earlier.

Appeals can be made online at: <a href="https://www.gov.uk/planning-inspectorate">https://www.gov.uk/planning-inspectorate</a>. If you are unable to access the online appeal form, please contact the Planning Inspectorate to obtain a paper copy of the appeal form on tel: 0303 444 5000.

The Secretary of State can allow a longer period for giving notice of an appeal but will not normally be prepared to use this power unless there are special circumstances which excuse the delay in giving notice of appeal.

The Secretary of State need not consider an appeal if it seems to the Secretary of State that the local planning authority could not have granted planning permission for the proposed development or could not have granted it without the conditions they imposed, having regard to the statutory requirements, to the provisions of any development order and to any directions given under a development order.

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Technical Note Land north and west of Stonepound Junction, Hassocks	
PPENDIX 2:	
M/18/0010 LOCAL HIGHWAY AUTHORITY COMMENTS	

## WEST SUSSEX COUNTY COUNCIL STRATEGIC PLANNING CONSULTATION

FROM: Alison Meeus TO: Mid-Sussex District Council

**FAO: Susan Dubberley** 

DATE: 07/02/2018

SUBJECT: DM-10-18

Land at Hurst Road, Hassocks, West Sussex

Outline planning permission for residential development of 25 houses with details regarding access submitted and all other matters reserved.

#### **RECOMMENDATION:**

Advice	X	Modification	X	More Information	X
Objection		No Objection		Refusal	

## **Summary**

The proposed site is a parcel of vacant land north of the Stone pound Crossroads on the A273 London Road. The proposal is to provide a mixture of 2,3 and 4 bedroomed dwellings of both private and social housing stock. Committed development in the area includes a recently approved planning application for 130 homes to the rear of the site (DM/17/4307). Access to this development lies 75m to the north of the site.

The accompanying Road Safety Audit has highlighted a need for off-site highway improvements relating to this development. However, the current drawings do not show these incorporated in the design. As such, further information is required from the applicant to demonstrate the access and associated infrastructure meets design and safety requirements.

## Access

A new access with 6m kerb radii, access road of 5.5m, and a t-shaped turning head will allow vehicles to enter, turn and exit the site in forward gear. Visibility is set back 2.4m and splays are appropriate for the speed of the road however; the plans do not show sufficient detail and more information is required. Comments below are not exhaustive but include the following:-

- 1) The 'x' distance for the access should be increased to 3m, as the narrow through lanes mean there is no extra width available for vehicles on the main road to avoid the protruding bonnets of cars waiting at the side road. (Note WSCC has covered this matter in departures from standards applications before (ref DfS1-2 attached).
- 2) The visibility splay to the south should be shown tangential to the edge of the road.
- 3) The traffic island is shown in different positions on drawing SR/SH/103A, and the swept path drawings SR/SH/201A and SR/SH/202A. It would appear that 103A shows the proposed position; and the swept paths show the existing. The designer should be mindful of other access points either side of Hurst Road

when re-positioning the island. If necessary, further swept-path diagrams should be provide for neighbouring access points (on both sides of the road, if required) to demonstrate that any new location does not prejudice access for others.

- 4) WSCC would expect to see some additional widening in the throat of the junction to allow two way car manoeuvres at the junction itself. This is necessary to prevent unnecessary blocking of the A273, and reduce the likelihood of rear end shunts for left turners and side-on collisions for right turns in.
- 5) Swept path diagrams for cars and refuse/fire appliances using the proposed scheme are required including:-
  - Right turn out/in
  - Vehicles entering and exiting the site simultaneously
  - Neighbouring access points which may be affected

## **Road Safety Audit Review**

The audit was undertaken in line with HD19/15 requirements, and signed; with a designers response attached.

The audit recommends the following off-site highway improvements.

- 1) Tactile Paving
- 2) Footpaths
- 3) Dropped Kerbs
- 4) Re-location of central bollards to south of access
- 5) Widen footway outside the development
- 6) Re-location of existing bus stop and provision of a new bus stop shelter

These should be shown on an amended drawing to be submitted to the LPA and CHA. All changes should then be referred back to the original audit team for further comments. A revised designer's response should also be considered depending on what any further auditor comments say.

Once received, the CHA will consider these and respond further. If approved, works will need to be secured either by planning condition or S106 Agreement and undertaken as part of a S38/278 agreement.

## Refuge Island/Ghost Island Junction/Footways

- 1) If the refuge island is to be relocated then an assessment of pedestrian visibility and the effect on turning vehicles will be required for the new position.
- 2) Dropped kerbs with tactile paving will need to be provided all-round.
- 3) Proposed road markings to be shown.

The design implies that the scheme will have an impact on the right turn lane for Stanford Avenue, but markings are not shown on the drawing to understand what is intended. This needs to be clarified and a fully dimensioned drawing provided. The deceleration length and stacking space will need to be labelled on the drawing and commented on by the designer. Any reduction in capacity will need to be supported by a Picady assessment.

The layout should be in designed accordance with DMRB TD42/95 standards, with any non-compliance with standards highlighted and approval sought.

Consideration will need to be given about how vehicles will turn right into the access, and shown in the plans. Swept-path diagrams to be provided alongside any changes.

## **Bus facilities**

The design suggests the bus stop and layby is being relocated but the applicant has not provided plans of existing nor proposed. Therefore, the CHA cannot compare them. As such, a plan should be provided with amendments shown in a different colour or line thickness superimposed upon the existing OS plan so the CHA can determine all the changes proposed.

The CHA need to see existing; and proposed road markings and dimensions.

As the bus shelter is not suitable for relocation and will need to be replaced, the owner of the bus shelter needs to be consulted as to the specification of the replacement.

## **Environmental Impact**

The bus lay-by seems to require significant cutting into the bank in an area that is likely to have lots of tree roots, resulting in the possible loss of a number of mature trees. The full impact on trees needs to be identified and agreed at this planning stage, with cross sections produced.

It is recommended that the applicant employs an arboriculturalist to cover this part of the design. It is currently the view of the CHA that a retaining wall will be required to the rear of the bus layby.

The LPA needs to assess the visual impact of these proposals.

## Rights of Way

The CHA has not been provided with the extent of the site so it is currently not possible to tell if Footpath 10C is affected.

#### **Trip Impact**

The residual cumulative impact of these additional 25 dwellings is not considered to create significant impact to the existing situation in terms of overall traffic flows in the locality. The most recent committed development for 130 houses (DM/17/4307) was approved at appeal with the inspector quoted as saying:-

"There is no robust counter-evidence to undermine the common ground technical conclusion on the acceptability of the development. Its residual cumulative impact would fall well short of the 'severe' test of paragraph 32 of the NPPF."

Therefore on this point the CHA concludes the additional 13 vehicle movements in the peak hours, equating to 1 movement every 5 minutes is satisfactory.

## Conclusion and summary of additional information required.

WSCC requires the applicant to re-submit the following information to ensure all aspects of the proposal have been considered at this planning stage. These are:-

1) Revised 'Proposed' site plan to include:-

- Visibility splays drawn with a 3m set back and both splay and tangential lines
- All proposed road markings to be shown
- Tactile Paving locations
- Footpath locations
- Dropped Kerbs
- Re-location of central bollards to south of access
- Widening of footway outside the development
- Widening of throat of junction to allow two way access for vehicles
- Re-location of existing bus stop and provision of a new bus stop shelter
- Swept path diagrams for cars and refuse/fire appliances using the proposed scheme are required including:-
  - Right turn out/in
  - Vehicles entering and exiting the site simultaneously
  - Neighbouring access points which may be affected (if any)

## Alison Meeus Planner

## **POSSIBLE CONDITIONS**

### **ACCESS WORKS**

Access (details required, access provided prior to commencement)

No development shall commence until the vehicular access serving the development has been constructed in accordance with plans and details submitted to and approved in writing by the Local Planning Authority.

Reason: In the interests of road safety.

Prevention of Surface Water Draining onto Public Highway

No part of the development shall be first occupied until provision has been made within the site in accordance with plans and details to be submitted to and approved by the Local Planning Authority to prevent surface water draining onto the public highway.

Reason: In the interests of road safety.

## Temporary Construction Access

No development shall commence until such time as temporary arrangements for access for construction traffic has been provided in accordance with plans and details submitted to and approved in writing by the Local Planning Authority.

Reason: To secure safe and satisfactory means of vehicular access to the site during construction.

#### **VISIBILITY SPLAYS**

Visibility (details required)

No part of the development shall be first occupied until visibility splays of \_\_\_\_ metres by \_\_\_\_ metres have been provided at the proposed site vehicular access onto \_\_\_\_ in accordance with plans and details submitted to and approved in writing by the Local Planning Authority. Once provided the splays shall thereafter be maintained and kept free of all obstructions over a height of 0.6 metre above adjoining carriageway level or as otherwise agreed.

Reason: In the interests of road safety.

Pedestrian Visibility (details required)
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No part of the development shall be first occupied until pedestrian visibility splays of 2 metres by 2 metres have been provided either side of the proposed site vehicular access onto \_\_\_\_\_\_ in accordance with plans and details submitted to and approved in writing by the

Local Planning Authority. These visibility splays shall thereafter be kept free of all obstructions over a height of 0.6 metre above adjoining carriageway level or as otherwise agreed.

Reason: In the interests of road safety.

#### **PARKING**

Car parking space (details required)

No part of the development shall be first occupied until the car parking spaces have been constructed in accordance with plans and details submitted to and approved in writing by the Local Planning Authority. These spaces shall thereafter be retained at all times for their designated use.

Reason: To provide car-parking space for the use.

## Garages

The garage building(s) shall be used only as private domestic garages for the parking of vehicles incidental to the use of the properties as dwellings and for no other purposes. Reason: To ensure adequate off-street provision of parking in the interests of amenity and highway safety.

### Cycle parking

No part of the development shall be first occupied until covered and secure cycle parking spaces have been provided in accordance with plans and details submitted to and approved by the Local Planning Authority.

Reason: To provide alternative travel options to the use of the car in accordance with current sustainable transport policies.

#### INTERNAL ARRANGEMENTS

#### Access Road

No part of the development shall be first occupied until the road(s), footways, and casual parking areas serving the development have been constructed, surfaced and drained in accordance with plans and details to be submitted to and approved by the Local Planning Authority.

Reason: To secure satisfactory standards of access for the proposed development.

## Vehicle parking and turning

No part of the development shall be first occupied until the vehicle parking and turning spaces have been constructed in accordance with the approved plan. These spaces shall thereafter be retained for their designated use.

Reason: To provide adequate on-site car parking and turning space for the development.

## CONSTRUCTION

## Construction Management Plan

No development shall take place, including any works of demolition, until a Construction Management Plan has been submitted to and approved in writing by the Local Planning Authority. Thereafter the approved Plan shall be implemented and adhered to throughout the entire construction period. The Plan shall provide details as appropriate but not necessarily be restricted to the following matters,

- the anticipated number, frequency and types of vehicles used during construction,
- the method of access and routing of vehicles during construction,
- the parking of vehicles by site operatives and visitors,
- the loading and unloading of plant, materials and waste,
- the storage of plant and materials used in construction of the development,
- the erection and maintenance of security hoarding,
- the provision of wheel washing facilities and other works required to mitigate the impact of construction upon the public highway (including the provision of temporary Traffic Regulation Orders),
- details of public engagement both prior to and during construction works.

Reason: In the interests of highway safety and the amenities of the area.

#### TRAFFIC REGULATION ORDERS

Provision or Extension of Waiting Restrictions

No development shall be commenced until such time as a Traffic Regulation Order, or revision to an existing order, securing the provision of no waiting at anytime restrictions in accordance with details to be submitted has been approved by the Highway Authority and written confirmation of this approval has been made available to the Local Planning Authority. Reason: In the interests of road safety.

### Safety Audit Recommendations

No development shall commence until such time as revised plans and details incorporating the recommendations given in the Stage 1 Road Safety Audit and accepted in the Designers Response have been submitted to and approved in writing by the Local Planning Authority in consultation with the Highway Authority.

Reason: In the interests of road safety.

### **INFORMATIVES**

Section 278 Agreement of the 1980 Highways Act - Works within the Highway The applicant is advised to enter into a legal agreement with West Sussex County Council, as Highway Authority, to cover the off-site highway works. The applicant is requested to contact The Implementation Team Leader (01243 642105) to commence this process. The applicant is advised that it is an offence to undertake any works within the highway prior to the agreement being in place.

Section 38 Agreement of the 1980 Highways Act – Provision of Adoptable Highway
The applicant is advised to enter into a legal agreement with West Sussex County Council, as
Highway Authority, to cover the proposed adoptable on-site highway works. The applicant is
requested to contact The Implementation Team Leader (01243 642105) to commence this
process. The applicant is advised that any works commenced prior to the S38 agreement
being in place are undertaken at their own risk.

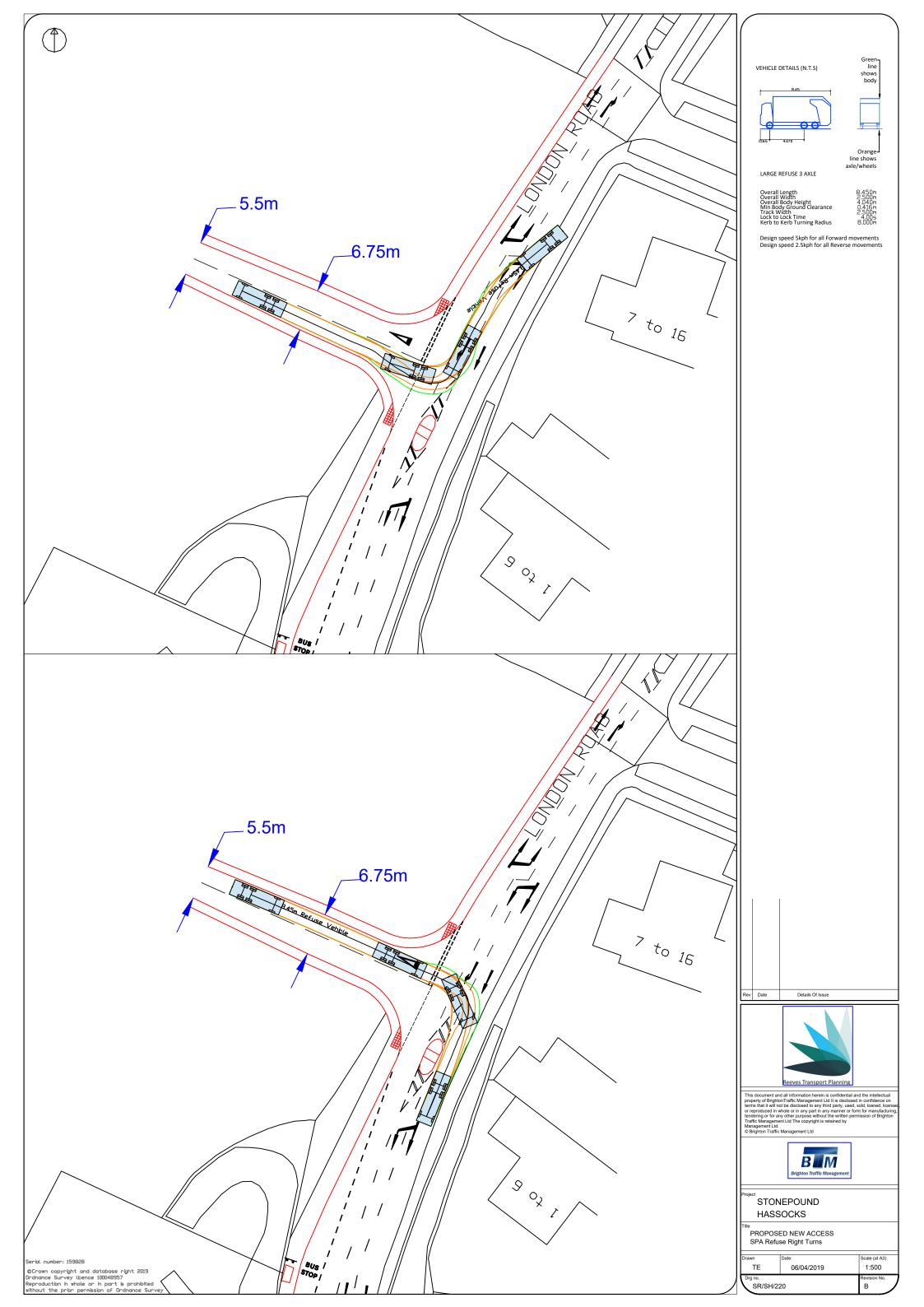
### Temporary Developer Signage

The applicant is advised that the erection of temporary directional signage should be agreed with the Local Traffic Engineer prior to any signage being installed. The applicant should be aware that a charge will be applied for this service.

## Traffic Regulation Order

The applicant is advised to contact the WSCC Traffic Regulation Order team (01243 642105) to obtain the necessary paperwork and commence the process associated with the proposed FILL IN AS NECESSARY (waiting restrictions, removal of parking bays, provision of loading bay, etc). The applicant would be responsible for meeting all costs associated with this process. The applicant should note that the outcome of this process cannot be guaranteed.

	Technical Note Land north and west of Stonepound Junction, Hassocks
APPENDIX 3:	
RIGHT TURN SWEPT PATH ANALYSES	



Technical Note
Land north and west of Stonepound Junction, Hassocks

APPENDIX 4:

TURNING COUNT DATA

Count Name: V0125 A273 London Rd/B2116 Keymer Rd, Hassocks Site Code: V0125 Start Date: 12/12/2017 Page No: 1

East Sussex
County Hall, St Anne's Crescent
Lewes, United Kingdom BN7 1UE
44 1273 482248 penelope.bentley@eastsussex.gov.uk

Turning Movement Data

_		otal Int. Total	╁	316	391	481	1475	478	489	490	459	1916	420	427	394	384	1625		483	474	464	473	1894	473	477	472	475	1897	445	427	377	379	1628	10435	1	,	38	0.4	9119	87.4	958	9.2
		App. Total		54	71	78	261	103	81	106	84	374	69	69	84	53	275		99	95	79	81	321	85	72	89	73	298	71	48	99	99	251	1780	•	17.1	3	0.2	1579	88.7	150	8.4
	. Kd	bd U-Turn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	•	0	,   '	0	
	B2116 Hurst Rd	Eastbound	5	6	14	13	4	52	20	19	19	83	21	19	25	17	82	•	12	27	16	14	69	21	18	15	17	71	27	10	20	18	75	421	23.7	4.0	0	0.0	382	2.06	32	7.6
		Thru	46	31	43	20	170	09	52	73	52	237	40	37	37	29	143		44	26	20	54	204	49	38	40	51	178	37	27	29	42	135	1067	59.9	10.2	3	0.3	934	87.5	94	8.8
_		Right		14	14	15	20	18	6	14	13	54	80	13	22	7	20		10	12	13	13	48	15	16	13	5	49	7	11	17	9	41	292	16.4	2.8	0	0.0	263	90.1	24	8.2
		App. Total	109	120	119	141	489	141	146	131	153	571	147	141	101	104	493		137	116	122	136	511	127	118	128	119	492	86	128	06	98	402	2958		28.3	15	0.5	2496	84.4	327	11.1
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	A273 Brighton Rd	Northbound	9	10	80	16	40	20	14	10	7	51	10	17	4	6	40		21	11	13	19	64	17	13	17	19	99	11	17	12	10	20	311	10.5	3.0	0	0.0	264	84.9	40	12.9
		Thru	88	94	66	115	396	109	116	107	138	470	114	102	80	79	375		91	84	92	98	365	88	85	92	77	343	69	06	25	54	268	2217	74.9	21.2	13	9.0	1880	84.8	236	10.6
ent Di		Right	15	16	12	10	53	12	16	14	80	20	23	22	17	16	78		25	21	17	19	82	21	20	19	23	83	18	21	23	22	84	430	14.5	4.1	2	0.5	352	81.9	51	11.9
i urning Movement Data		App. Total	54	74	78	104	310	100	105	96	106	407	117	100	92	89	401		92	92	66	96	379	78	87	102	93	360	79	73	77	92	324	2181		20.9	7	0.3	1927	88.4	189	8.7
guu	p₂	U-Turn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0		0		0	
<u> </u>	116 Keymer F	Nestbound	20	24	23	14	81	18	15	21	22	9/	25	29	16	25	96		23	18	22	19	82	16	10	19	15	09	11	13	17	14	22	449	20.6	4.3	3	0.7	381	84.9	51	11.4
	B21	Thru	19	23	21	48	111	38	46	40	32	156	34	29	40	26	129		40	39	41	43	163	38	22	46	44	183	39	33	37	48	157	899	41.2	9.6	1	0.1	962	88.5	2.2	8.6
		Right	15	27	34	42	118	44	44	35	52	175	58	42	39	38	177		29	35	36	34	134	24	22	37	34	117	59	27	23	33	112	833	38.2	8.0	3	0.4	750	0.06	61	7.3
_		App. Total	99	89	123	158	415	134	157	157	116	564	87	117	114	138	456		188	171	164	160	683	183	200	174	190	747	197	178	144	132	651	3516		33.7	13	0.4	3117	88.7	292	8.3
		U-Turn /	l	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0		0		0	
	A273 London Rd	Southbound	10	11	20	25	99	31	49	58	43	181	26	41	18	30	115		47	46	40	36	169	42	45	34	38	159	39	45	38	39	161	851	24.2	8.2	2	0.2	768	90.2	72	8.5
	A273	So Thru	50	20	06	116	306	06	93	80	09	323	49	63	92	91	279		120	26	106	103	426	131	131	129	135	526	137	108	88	69	402	2562	64.3	21.7	11	0.5	1977	87.4	196	8.7
		Right	9	7	13	17	43	13	15	19	13	09	12	13	20	17	62		21	28	18	21	88	10	24	11	17	62	21	25	18	24	88	403	11.5	3.9	0	0.0	372	92.3	24	0.9
-		Start Time	7:00 AM	7:15 AM	7:30 AM	7:45 AM	Hourly Total	8:00 AM	8:15 AM	8:30 AM	8:45 AM	Hourly Total	9:00 AM	9:15 AM	9:30 AM	9:45 AM	Hourly Total	*** BREAK ***	4:00 PM	4:15 PM	4:30 PM	4:45 PM	Hourly Total	5:00 PM	5:15 PM	5:30 PM	5:45 PM	Hourly Total	6:00 PM	6:15 PM	6:30 PM	6:45 PM	Hourly Total	Grand Total	Approach %	Total %	Motorcycles	% Motorcycles	Cars	% Cars	Light Goods Vehicles	% Light Goods

Technical Note Land north and west of Stonepound Junction, Hassocks