Technical Note

ACCESS TO WESTONS FARM, ITCHINGFIELD

FEBRUARY 2024

Reeves Transport Planning

PRODUCED for CHRIST'S HOSPITAL SCHOOL

PRODUCED by REEVES TRANSPORT PLANNING LTD

TN_SGR_WFI_310323_V1

1. INTRODUCTION

1.1 Reeves Transport Planning is appointed to provide a Technical Note in support of a proposal to amend an existing access, via Weston's Hill, to serve agricultural buildings within Westons Farm.

1.2 An approved planning application DC/23/1094 was for the construction of a new agricultural track. This new proposal is to widen the access that serves the new track so that it can accommodate larger vehicles. In the discussions with our client in respect of the new access it was decided that it would be used for day-to-day traffic. As noted at paragraph 3.4 of the May 2023 Technical Note submitted to support planning application DC/23/1094 our client was going to allow large vehicles to use the old access point and ensure that deliveries were scheduled outside opening times of the farm shop.

1.3 This limitation on deliveries is not possible. Therefore, the access serving the new track must be widened to accommodate the full range of vehicles that could use it.

2. DISCUSSION

2.1 The May 2023 Technical Note confirmed that the visibility splays at the access that is to be widened as part of this proposal were appropriate for the recorded traffic speeds.

2.2 The Local Highway Authority supported the application and concurred that the proposal would enhance public safety.

2.3 The access is to be widened to 19.4 metres on the edge of the road. This narrows and then tapers to five metres were it joins the farm track approved under planning permission DC/23/1094. A plan of the new access showing the various dimensions is attached as Appendix 1.

2.4 Vehicle tracking plans for an articulated lorry and farm vehicle, with trailer, are attached to this Technical Note as Appendix 2 and 3, respectively.

3. SUMMARY AND CONCLUSION

3.1 Reeves Transport Planning have been commissioned to provide a Technical Note in support of a proposal to improve the access arrangement to Weston's Farm, Westons' Hill, Itchingfield.

3.2 A new farm track was approved under planning reference DC/23/1094. This track was design to remove day-to-day farm traffic from the Weston's Farm Shop access and parking areas. This was required to improve public safety within the car park.

3.3 The original proposal was to continue to use the existing access for large goods vehicles and manage these movements so that they occurred outside the times when the farm shop was open.

3.4 It has not been possible to control large goods vehicle in such a manner. Therefore, it is necessary to widen the farm access that links to the approved track so that it can accommodate articulated lorries as well as day-to-day farm traffic. The various tracking plans attached to this Note confirm that the proposed widening can accommodate the full range of traffic that would be expected to serve the farm.

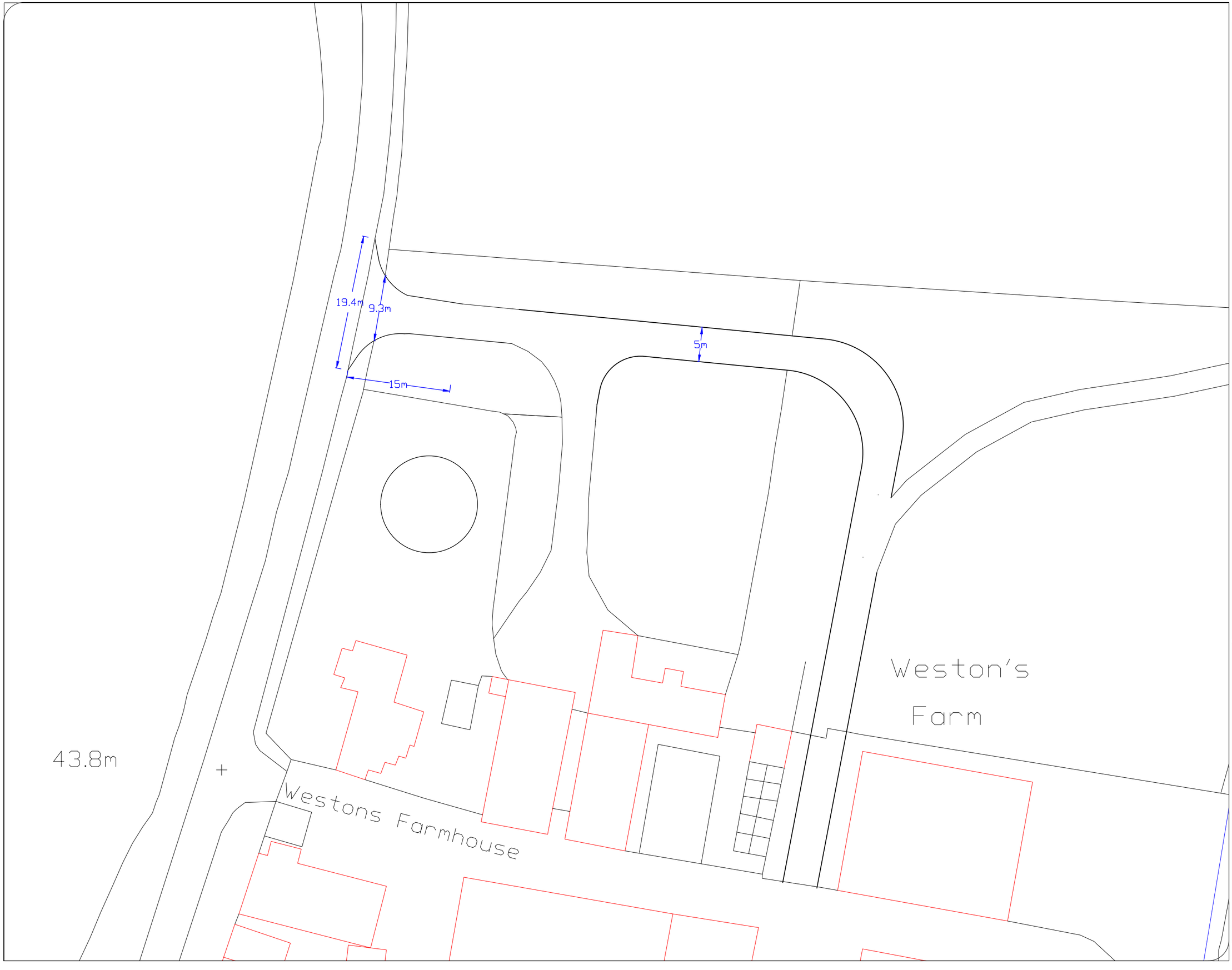
3.5 On balance, taking the above information into account, it is reasonable to conclude that the proposed use of the access to serve the agricultural buildings at Westons Farm will not create an unacceptable impact on highway safety or a severe impact on the free flow of traffic using Weston's Hill.

3.6 Our client would welcome a planning condition to control the construction of the widened access under the provisions of Section 184 of the Highways Act.

APPENDIX 1.

NEW ACCESS DIMENSIONS PLAN

WFWH/SR/6009 REV B



Rev	Date	Details Of Issue

Base mapping supplied by others. BTM shall not be responsible for any errors or omissions.

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Project

Westons Farm Westons Hill

Access Design

Drawn	Date:	Scale (at A3)
BTM	07/02/2024	1:500
Drg no.		Revision No.
WFWH/SR/6009		B

APPENDIX 2.

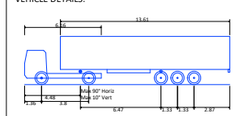
ARTICULATED LORRY TRACKING

INBOUND - WFWH/SR/6007 REV C

OUTBOUND - WFWH/SR/6008 REV C



VEHICLE DETAILS:



Green line shows body

Orange line shows axle/wheels

FTA DESIGN ARTICULATED VEHICLE (1998)

Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.870m
Min Body Ground Clearance	0.515m
Max Track Width	2.470m
Lock to Lock Time	3.00s
Kerb to Kerb Turning Radius	6.550m

Design speed 5kph for all Forward movements
Design speed 2.5kph for all Reverse movements

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Westons Farm Westons Hill

3 x Axel Articulated vehicle IN

Drawn	Date:	Scale (at A3)
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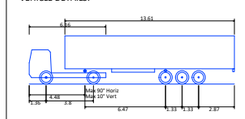
Drg no. WFWH/SR/6007		Revision No. C



VEHICLE DETAILS:



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Westons Farm Westons Hill

3 x Axel Articulated vehicle OUT

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APPENDIX 3.

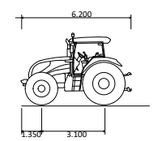
TRACTOR AND TRAILER TRACKING

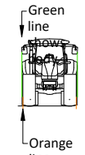
INBOUND – WFWH/SR/6005 REV C

OUTBOUND – WFWH/SR/6006 REV C



VEHICLE DETAILS:

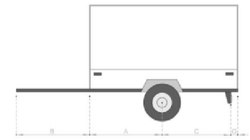




Massey Ferguson MF8730 S

Overall Length	6.200m
Overall Width	2.500m
Overall Body Height	3.515m
Min Body Ground Clearance	0.480m
Max Track Width	2.400m
Lock to Lock Time	4.00s
Kerb to Kerb Turning Radius	5.750m

Design speed 5kph for all Forward movements
Design speed 2.5kph for all Reverse movements



Trailer

Overall Length	12.000m
Overall Width	2.440m
Overall Body Height	2.200m
Min Body Ground Clearance	0.550m
Max Track Width	2.500m
Lock to Lock Time	

Design speed 5kph for all Forward movements
Design speed 2.5kph for all Reverse movements

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Westons Farm Westons Hill

Tractor and Trailer SPA IN

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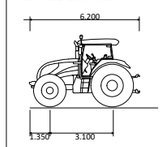
Drg no.	Revision No.
WFWH/SR/6005	C



VEHICLE DETAILS:



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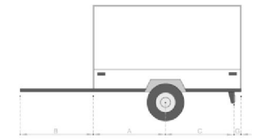

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Westons Farm Westons Hill

Tractor and Trailer SPA OUT

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BTM	07/02/2024	1:500
Drg no.		Revision No.
WFWH/SR/6006		C