



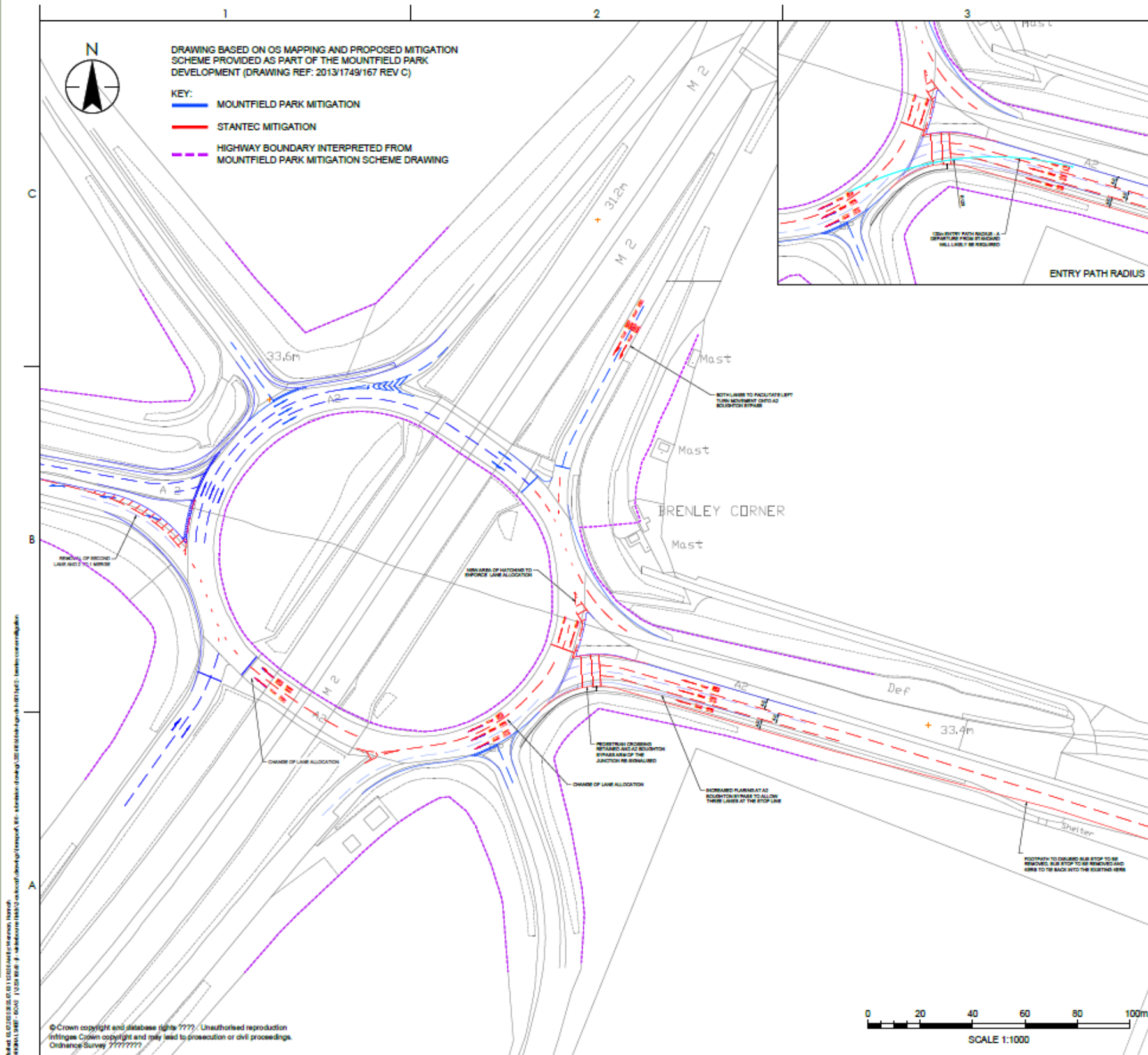
Winterbourne Fields

Brenley Corner Improvements

The transport vision for Winterbourne Fields also looks at the perceived wider issues of congestion at the Brenley Corner roundabout, which links the A2 Boughton Bypass to the M2 and A229 Thanet Way.

Part of the Winterbourne Fields mitigation package includes a proposed upgrade to M2 Junction 7 Brenley Corner. Stantec has worked extensively with National Highways to conduct an extremely robust assessment that considers future 3rd party development and predicted traffic growth, and has devised a mitigation scheme that fully mitigates the Winterbourne Fields impact to a nil-detriment level. Indeed, the Stantec assessment has exceeded the requirement set out in the NPPF in that it assumes very much worst-case scenario tests on all fronts, thereby giving confidence that the development should not lead to severe impacts on the junction.

- Brenley Corner is included in the third road investment strategy (RIS3) programme of National Highways funded upgrades on the strategic highway network for the period of 2025 to 2030.
- Highways modelling has been based on the scheme proposed by the Mountfield Park committed development in Canterbury (reference: CA/16/00600).
- The Mountfield Park scheme has been permitted and mitigation works (shown in blue) include changing the layout to convert the A2 east arm from signal control to priority control.
- Using modelling software TRANSYT, Stantec assessed the impact that Winterbourne Fields would potentially have on the junction and any mitigation that may be required.
- As a result, it has been deemed necessary to propose some further changes to lane markings on the eastern side of the gyratory between the A299 westbound diverge slip road and the M2 westbound merge slip road (shown in red).
- This changes the lane allocation at the junction and also helps vehicles to spiral more naturally around the roundabout meaning that the development at Winterbourne Fields will have a nil-detriment impact at Brenley Corner.



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PO2 UPDATED FOLLOWING MODEL UPDATES	DS	JSL	2025.06.30
PO1 FIRST ISSUE	DS	JSL	2023.07.06
Issued/Revision	By	Appd	YYYY.MM.DD
	DS	JSL	2025.06.30
	Dwn	Dgn	Chkd

Issue Status

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WINTERBOURNE FIELDS

Title
PROPOSED MITIGATION SCHEME
BRENNLEY CORNER

CONCEPT DESIGN

Project No.	A2 Scale
332410560	1:1000
Revision	Drawing No.
PO2	332410560-STN-HGN-DR-H-0013

