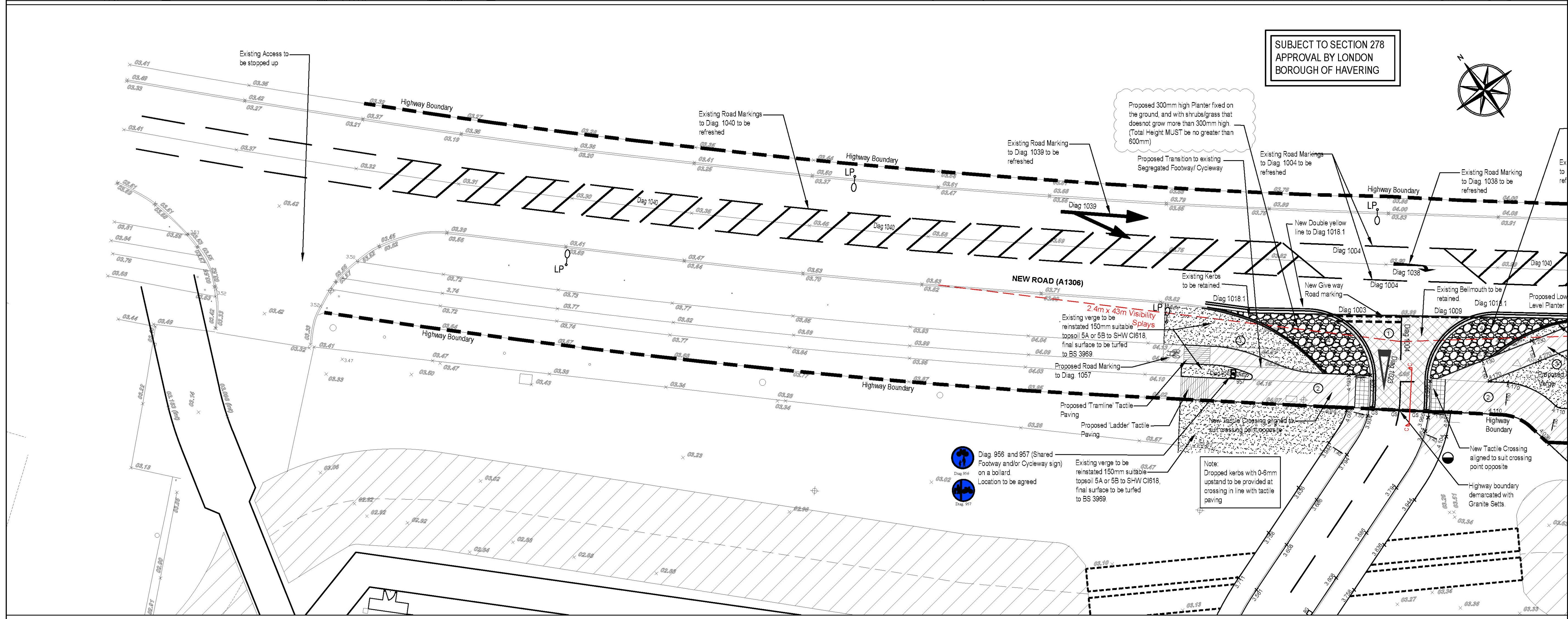
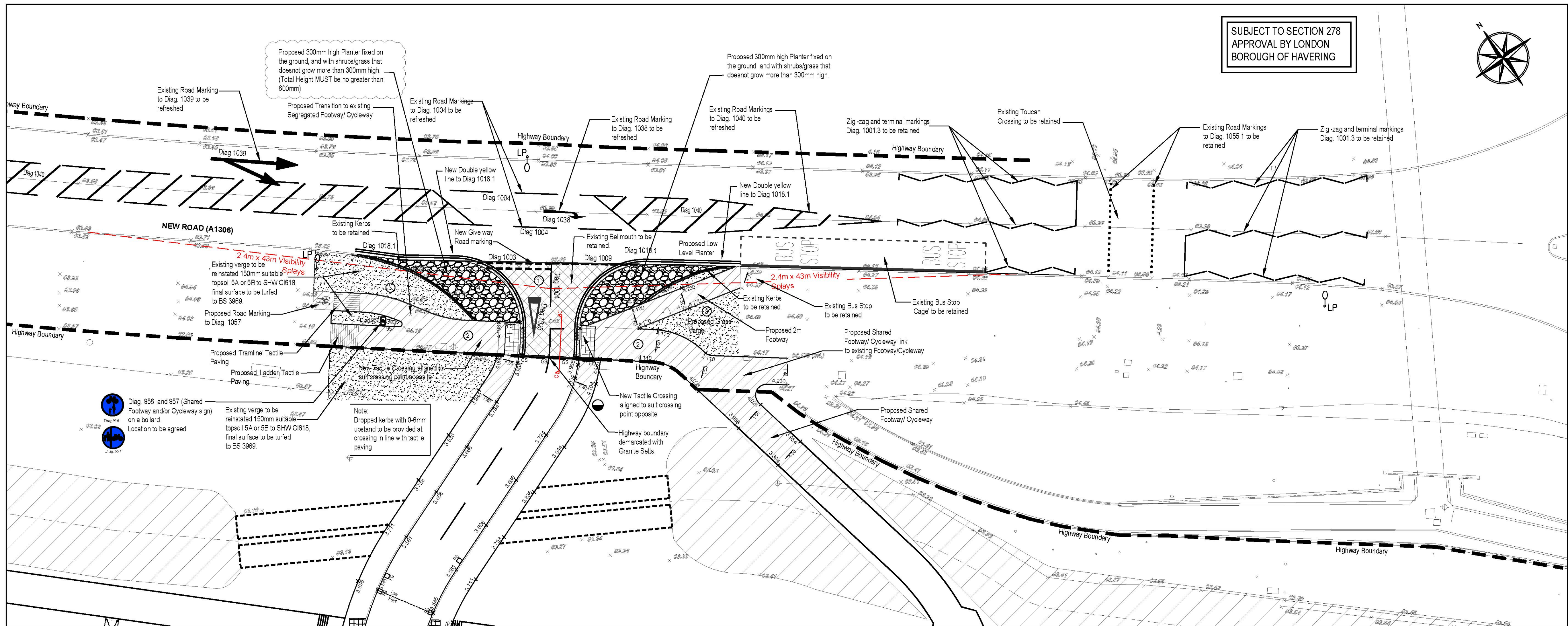




- | No Dimensions are to be scaled from this drawing | |
|--|---|
| NOTES | |
| 1 | All works carried out in the Public Highway are to be carried out in accordance with the London Borough of Havering specification to the satisfaction of the Highways Engineer. The contractor is responsible for obtaining all necessary licences for works in the Public Highway. |
| 2 | If the 20kV cable for the grade is found to be less than 35k, the insula, measured with a 1000mm long insula, shall be replaced with a 35kV insula. For further advice, refer to Performance Issues Technical Dept for further advice. For details of all on-site works, refer to the Overall Event Layout Plan Dwg. No. 16-01-133 and associated Construction Details provided on Dwg. Nos. 16-01-135-138. All necessary pedestrian and traffic management to be employed and agreed with the highway authority prior to works and in accordance with Chapter 5 of the Traffic Signs Manual. |
| 3 | Footways to follow the existing road channel profile. |
| 4 | Continuity of access to occupied areas to be maintained to the satisfaction of the London Borough of Havering Engineer. All works within the Public Highway. |
| 5 | The Developer/Contractor to provide suitable and effective means of wheel washing facilities to prevent mud from being conveyed on to the Public Highway and to provide the means to close the highway to the satisfaction of the London Borough of Havering Engineer. |
| 6 | All sub-grade within the proposed highway shall be dug out and backfilled with Type 1 granular sub base material in 150mm (max) compacted layers. |
| 7 | Any damage caused to the existing highways during the course of construction works to be replaced as directed by and to the satisfaction of the London Borough of Havering Engineer. |
| 8 | No concrete to be poured or laid at temperatures below 2°C on a falling minimum thermometer or below temperatures reaches 2°C on a rising minimum thermometer. |
| 9 | No works shall commence within the existing public highway until the agreement is signed by the London Borough of Havering Engineer. |
| 10 | All fill material to foundation level of the proposed highways to be approved and compacted in layers as directed and to the satisfaction of the Highways Engineer. |
| 11 | Any existing live drains, sewers, ducts, cables etc. that fall within the proposed highway shall be protected, supported, and replaced, as directed, to ascertain their structural condition and suitability for remain within the new highway. If deemed necessary, special protection and/or replacement may be required as directed and to the satisfaction of the Highways Engineer. Area Engineer and/or utility company involved. |
| 12 | Any existing live drains, sewers, ducts, cables etc. that fall within the proposed highway shall be surveyed to ascertain their structural condition and suitability for fall within the new highway. If deemed necessary, special protection and/or replacement may be required as directed and to the satisfaction of the Highways Engineer. Area Engineer and/or utility company involved. |
| 13 | All work within the carriageway to be 150mm deep frost frame. |
| 14 | (manhole covers, gully grates) etc. |

Legend

Proposed Tactile Paving

Corrugated Paving (footway)

Cardium Bering (Ondreuz)

Road Traffic Signs
(refer to sign schedule on drg 16-011/329)

Existing Street Lighting Column

Proposed Street Lighting Column

Existing Bellmouth Construction to be retained

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

Городской судья (или судья) Окружного

Proposed Verge Construction

Existing hallway construction to be retained

300mm high planters fixed on the ground, and grass that does not grow more than 300mm

(Total Height must be no greater than 300m)

Highway Boundary Demarcation- Granite S

Proposed Private Street Lighting

[illegible][illegible]

REVISIONS

REVISIONS		
T8	S276 bellmouth radii and levels added, zig-zag road marking revised, tactile paving extended to show 3 rows, highway boundary revised, highway boundary demarcation with granite sets added, and proposed shared footway (5m)/cycleway revised as per LB of Haverling comments.	26/02/18
T9	S276 bellmouth radii revised to 5m, and associated levels, road markings, kerbs, hatching etc. revised to suit as per LB of Haverling comments. Visibility plays added. WADAL logo added.	08/06/18
T9	Proposed private street lighting added. Proposed de-culvert pipe 07/06/19 sewer revised to suit approved environment agency's environmental permit. Legend to be revised.	07/06/19
T9	Existing bellmouth to be retained, and installation of private +S276/5506/19 road to suit tactile paving, installation of low level pavement to date pedestrian walking into it. Additional hatching, legends and notes added to suit LB of Haverling comments.	05/08/19
T8	Existing bellmouth and private road hatching revised. Additional hatching showing the 300mm high planter details added. Legend revised showing reference number to all hatched area to suit LB of Haverling comments.	20/09/19
T9	Additional notes added on page 4 stating "total height must be no greater than 500mm" and legend revised, as per LB of Haverling comments.	07/01/20



WITHERS
DESIGN ASSOCIATES

CIVIL ENGINEERING & INFRASTRUCTURE DESIGN

Unit 12, Wakes Hall Business Centre



UNIVERSITY OF ESSEX
SCHOOL OF BUSINESS AND MANAGEMENT

01200 247 001

PROJECT DOVERS CORNER

**DOVERS CORNER
BAINHAM**

RAINHAM

CLIENT 

PERCUSSION NOTES

PERSIMMON HOMES
(ESSEX) LTD

DRAWING TITLE

SECTION 278 GENERAL

SECTION 270 GENERAL ARRANGEMENT SITE ACCESS

ARRANGEMENT - SITE ACCESS

10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

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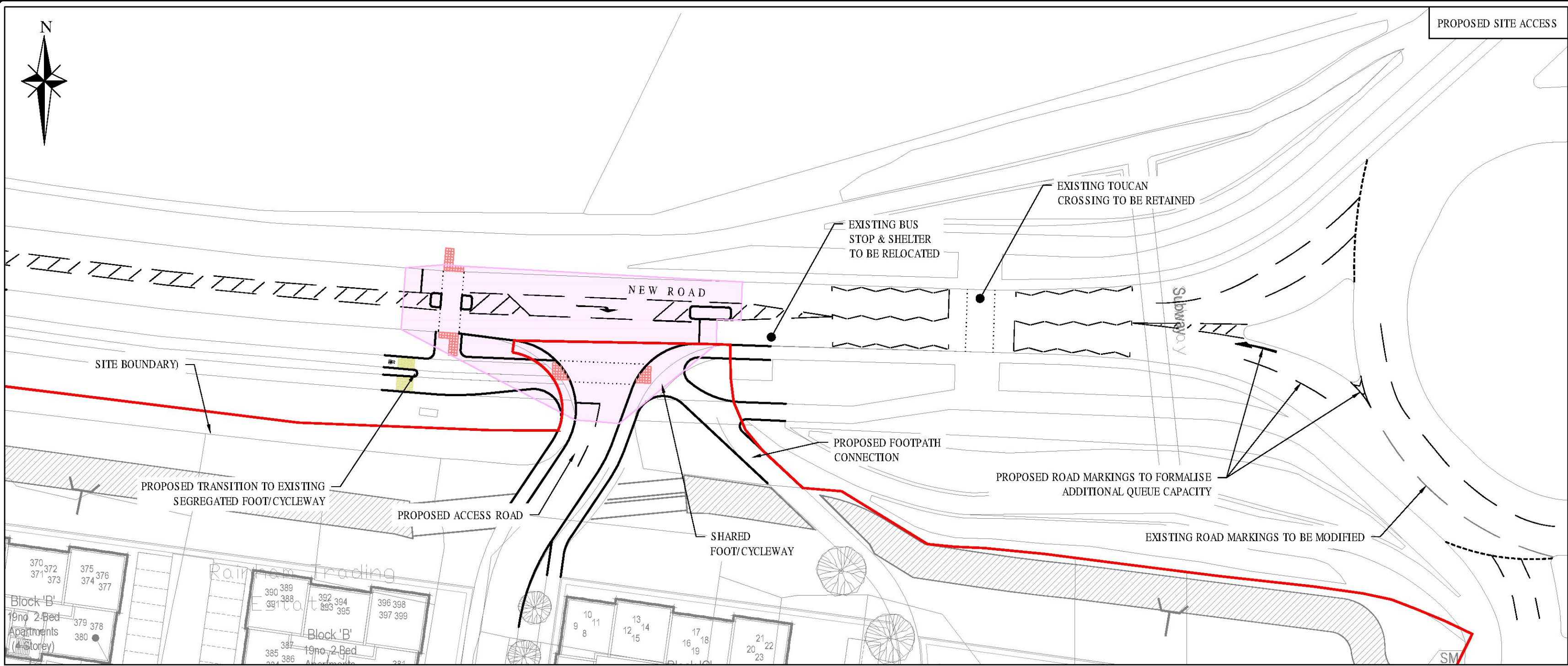
SCALE	DATE	INIT	CH
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1:200 @ A1	08/16	nas	m
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TENDER

TENDER	
DRG NO	REV

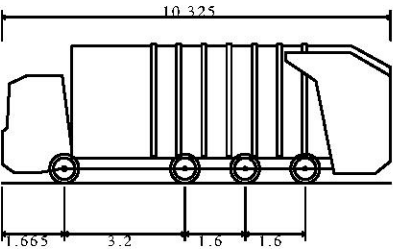
16-011/325 T



PROPOSED SITE ACCESS

NOTES:

VEHICLE USED:

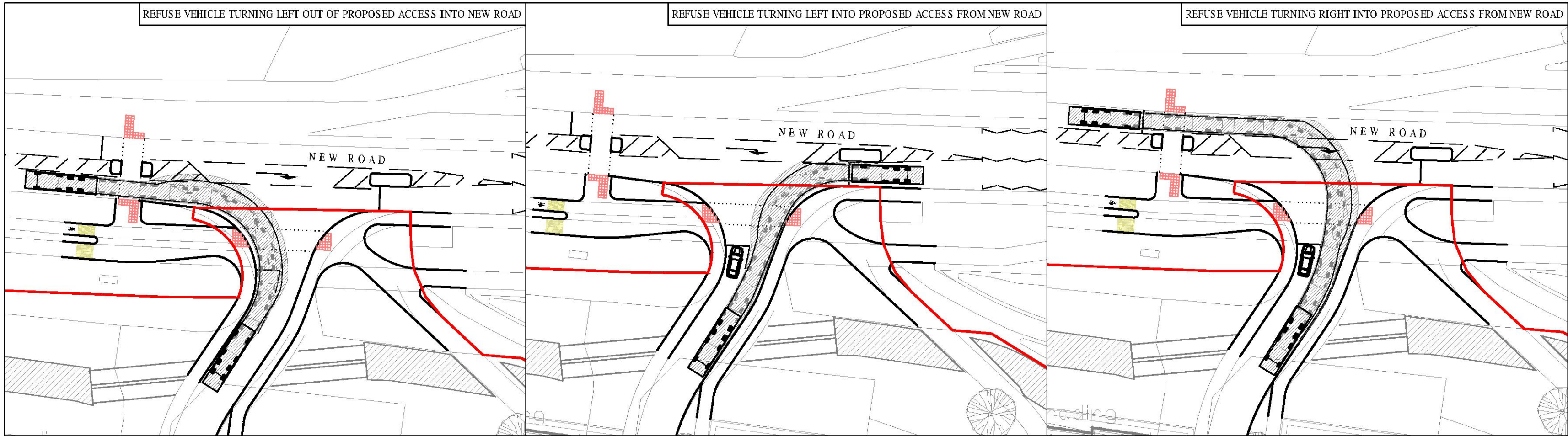


Dennis Eagle Olympus 8x4MS Refuse Vehicle
Overall Length 10.325m
Overall Width 2.550m
Overall Body Height 3.690m
Min Body Ground Clearance 0.251m
Track Width 2.200m
Lock to Lock Time 4.00s
Wall to Wall Turning Radius 11.200m

KEY:

- INTERVISIBILITY ZONE
- SITE BOUNDARY

PRELIMINARY



A	SITE BOUNDARY UPDATED	DV	DV	SAF	06.02.17
REV	AMENDMENTS	DRN	CHK	APP	DATE

ARDENT CONSULTING ENGINEERS

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w www.ardent-ce.co.uk
e enquiries@ardent-ce.co.uk

CLIENT: PERSIMMON HOMES ESSEX

PROJECT TITLE: DOVERS CORNER RAINHAM

DRAWING TITLE: PROPOSED SIGNAL JUNCTION ARRANGEMENT

SCALE: 1:500 @ A2	DATE: 25.01.17	DESIGNED: DV
DRAWN: DV	CHECKED: DV	APPROVED: SAF
DRAWING NO. S960-015	REV: A	



			
Client: LONDON BOROUGH OF HAVERING www.steergroup.com			
Project Title: BEAM PARKWAY STEP 2			
Drawing Title: DOVERS CORNER / NEW ROAD			
Status: WORK IN PROGRESS			
Size: A1	Scale: 1:200	Suitability S0	Rev. P0
Drawing No. 22839903-STR-HGN-BP00-DR-D-01315			

PROPOSED KERBLINE

PROPOSED ROAD MARKINGS

PROPOSED FLUSH CENTRAL MEDIAN

1. THIS DRAWING IS BASED UPON OS BASE MAPPING (LICENSE 100024327) AND ON TOPOGRAPHIC SURVEY BY CAT SURVEYS LTD. RECEIVED ON 28/09/2017
2. SCHEME BOUNDARIES BASED ON HIGHWAY BOUNDARIES RECEIVED FROM LONDON BOROUGH OF HAVERING
3. DO NOT SCALE FROM THIS DRAWING. IF IN DOUBT REFER TO THE PROJECT MANAGER FOR CLARIFICATION.
4. EXISTING FEATURES ARE SHOWN IN GREY, PROPOSED FEATURES SHOWN IN BOLD.
5. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
6. LOCATION OF TREES AND OTHER LANDSCAPING FEATURES IS INDICATIVE
7. LOCATION AND LAYOUT OF BUS STOPS TO BE FURTHER REFINED IN LIAISON WITH LONDON BUSES

