

#### KEY

- Business and Residential development sites within the Local Plan
- Proposed location of the new West Horndon Interchange.
- Local Primary School that may require expansion to cope with growth
- 800m or 10 minute Walking Zone from origin/destination
- 1600m or 10 minute Cycling Zone from origin/destination
- New segregated two-way Cycle ways delivered by each development to encourage use to and from Interchange
- New Bus route/routes from the development sites to the new interchange funded by the developments
- Future route for Essex wide fast transit system which will be required to support developments beyond 2033.

#### COMMENTARY

Within the Local Plan there is a recognition that provision of sustainable transport in the South of the Borough is poor. To mitigate the impact of the two employment sites and two residential sites new area specific Sustainable Transport Measures will be created centred around West Horndon which is centrally between the four sites. These measures will seek to deliver a neutral traffic impact for these sites on the existing the Highway infrastructure i.e. the A127, A128, and M25 J29. The measures would also seek to reduce the need for northward movements into central Brentwood, though a segregated cycling route is proposed to be attached to the side of the existing junction bridge and a new bus route northwards on the A128. Electric Car clubs will be required in DHGV and the other sites.

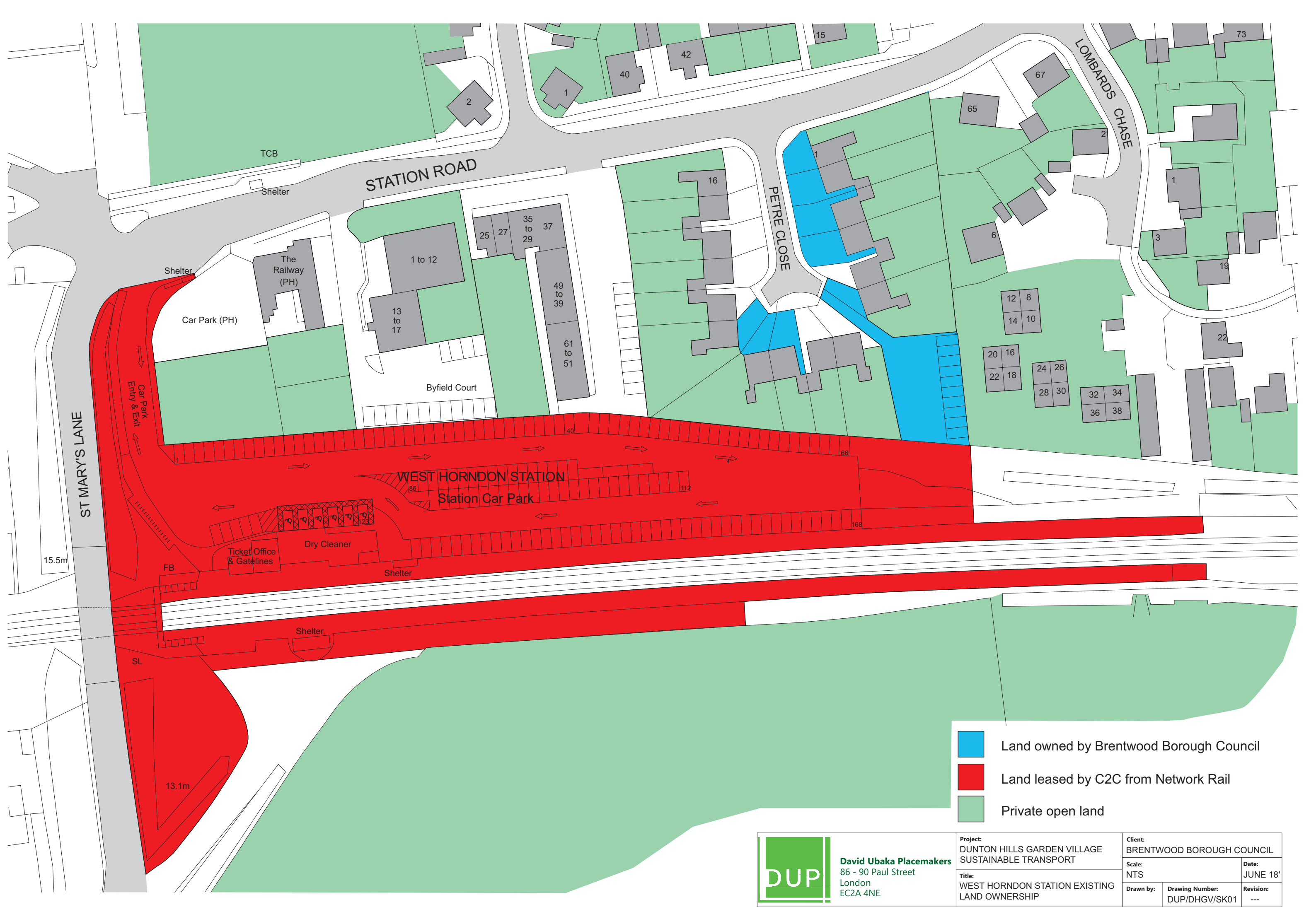
We propose over the lifetime of this plan that the improvements to the station and associated bus and cycle infrastructure are phased to create a new interchange. An increased capacity on the existing train service will be central to the new cycling, walking and bus movements of the new residents and employees accessing the four sites.



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**Project:**  
LOCAL PLAN - SUSTAINABLE  
TRANSPORT MEASURES  
**Title:**  
WEST HORNDON INTERCHANGE &  
SOUTHERN DEVELOPMENT SITES

<b>Client:</b> BRENTWOOD BOROUGH COUNCIL	
<b>Scale:</b> NTS	<b>Date:</b> JUNE 18'
<b>Drawn by:</b>	<b>Revision:</b> ---
<b>Drawing Number:</b> DUP/BBC/LP/SK04	



- Land owned by Brentwood Borough Council
- Land leased by C2C from Network Rail
- Private open land

DUP

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Project:  
DUNTON HILLS GARDEN VILLAGE  
SUSTAINABLE TRANSPORT

Title:  
WEST HORNDON STATION EXISTING  
LAND OWNERSHIP

Client:  
BRENTWOOD BOROUGH COUNCIL

Scale:  
NTS

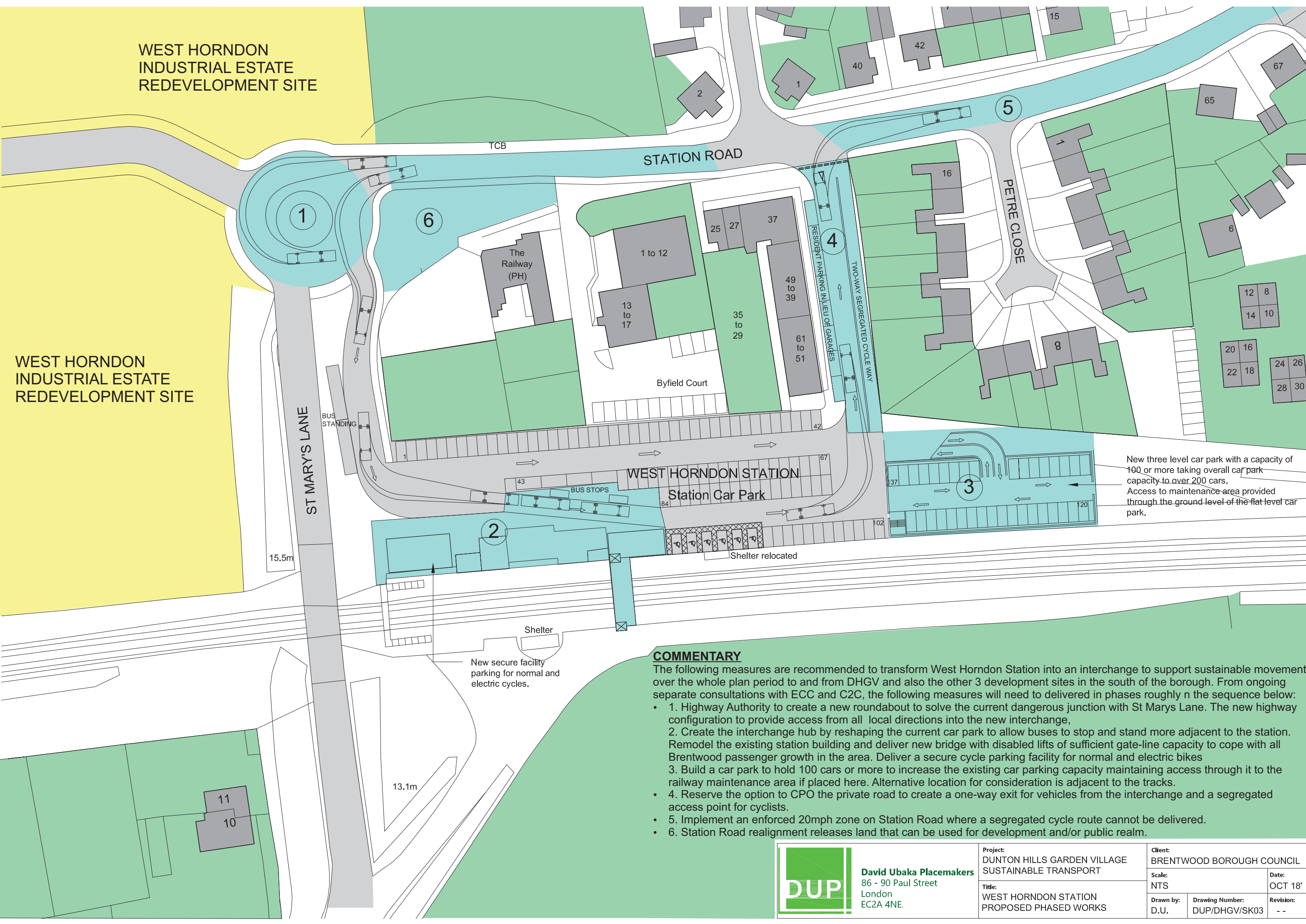
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DUP/DHGV/SK01

Date:  
JUNE 18'

Revision:  
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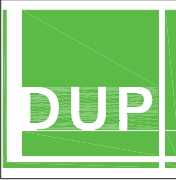




**COMMENTARY**

The following measures are recommended to transform West Horndon Station into an interchange to support sustainable movement over the whole plan period to and from DHGV and also the other 3 development sites in the south of the borough. From ongoing separate consultations with ECC and C2C, the following measures will need to be delivered in phases roughly in the sequence below:

- 1. Highway Authority to create a new roundabout to solve the current dangerous junction with St Marys Lane. The new highway configuration to provide access from all local directions into the new interchange,
- 2. Create the interchange hub by reshaping the current car park to allow buses to stop and stand more adjacent to the station. Remodel the existing station building and deliver new bridge with disabled lifts of sufficient gate-line capacity to cope with all Brentwood passenger growth in the area. Deliver a secure cycle parking facility for normal and electric bikes
- 3. Build a car park to hold 100 cars or more to increase the existing car parking capacity maintaining access through it to the railway maintenance area if placed here. Alternative location for consideration is adjacent to the tracks.
- 4. Reserve the option to CPO the private road to create a one-way exit for vehicles from the interchange and a segregated access point for cyclists.
- 5. Implement an enforced 20mph zone on Station Road where a segregated cycle route cannot be delivered.
- 6. Station Road realignment releases land that can be used for development and/or public realm.

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	Title: WEST HORNDON STATION PROPOSED PHASED WORKS		Scale: NTS	Date: OCT 18'
			Drawn by: D.U.	Revision: --
			Drawing Number: DUP/DHGV/SK03	