

# LEA BRIDGE STATION



the trevor patrick partnership

consultants to the construction industry

First Floor Crowne House 56 – 58 Southwark Street London SE11UN tel: 020 7940 6500 fax: 020 7378 0136 enquires@tpp.co.uk



# Stakeholders

**Designer** Sean Powell

the trevor patrick partnership  
consultants to the construction industry  
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**Client** Neil Bullen



## Local Businesses & Residents

The long standing campaign to re-open the station

# History

The original station was opened in 1840



Lea Bridge Road Entrance



Platform level

# History

..... and closed in 1985



The last train



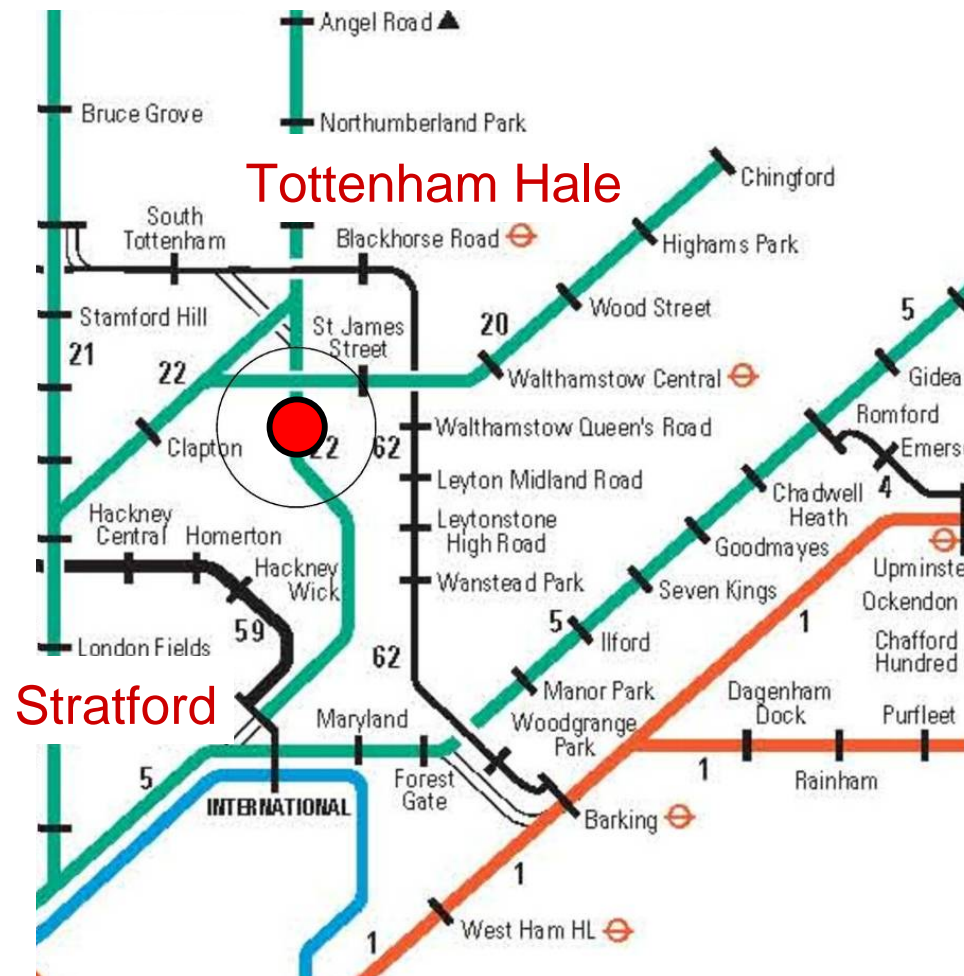
Station in 1986



# Location Trains



The new station will be located between Stratford and Tottenham Hale. The current train operating company is Greater Anglia



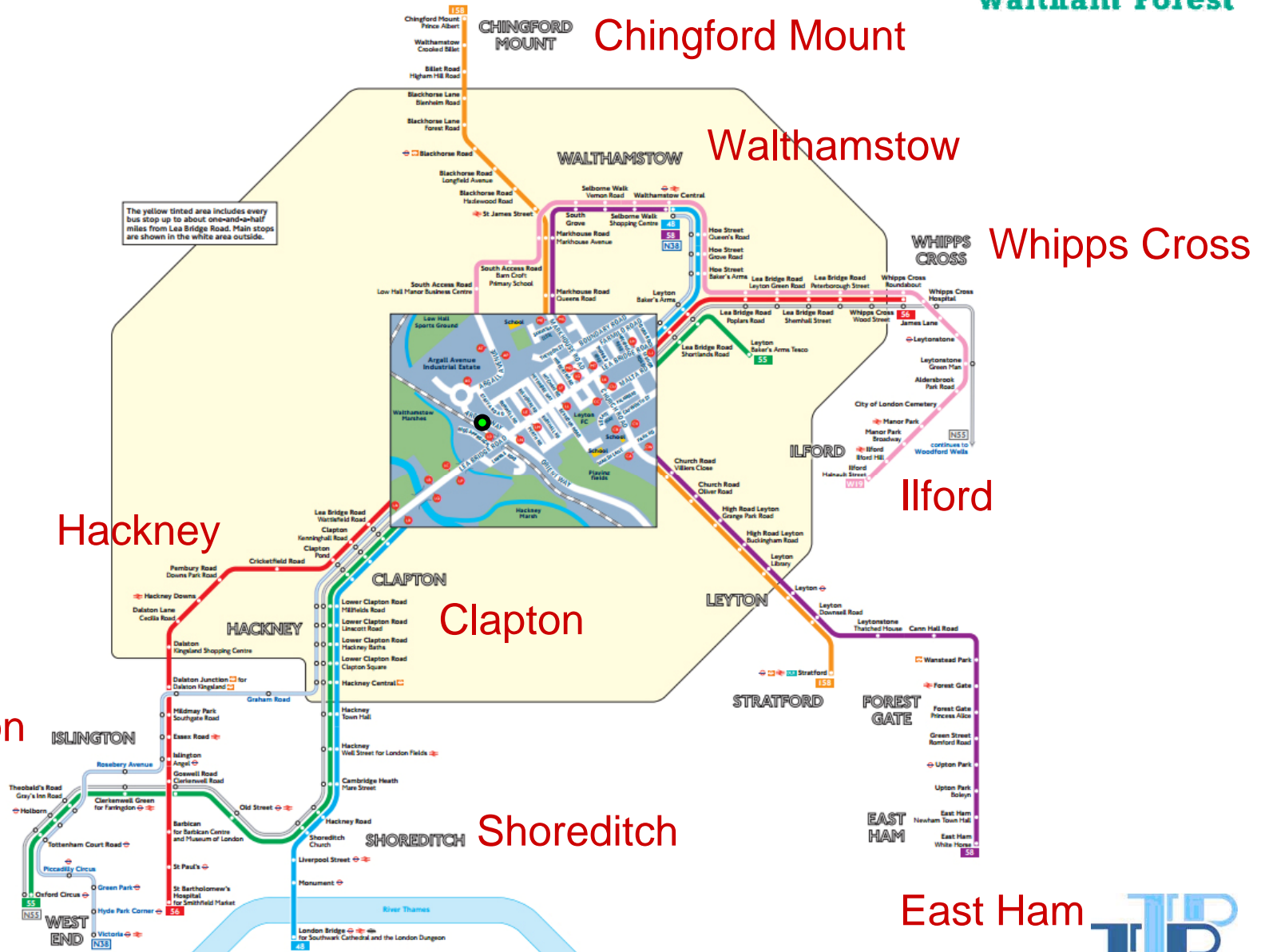
**Greater**Anglia



# Location Buses, Pedestrians, Cycles and Cars



A primary local transport Interchange



West End

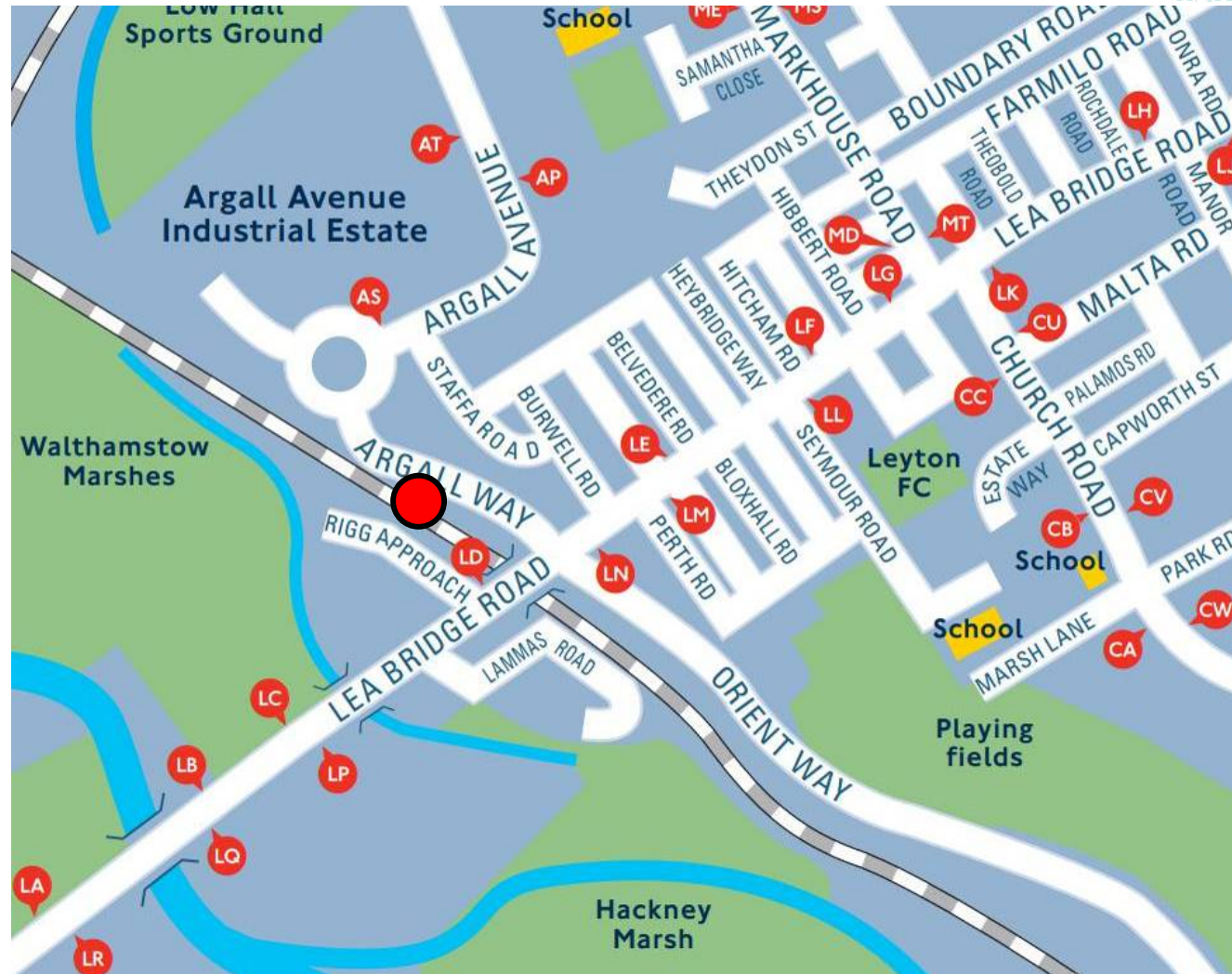
East Ham



# Location Buses, Pedestrians, Cycles and Cars



A primary local transport Interchange



# The Current Condition

Trains are still running





# The Current Condition

The elements that remain are dilapidated and beyond viable repair



# The Current Condition

## Argall Avenue Industrial Estate



Former sidings



Argall Way - New access road to businesses



# Optioneering Entrance Location

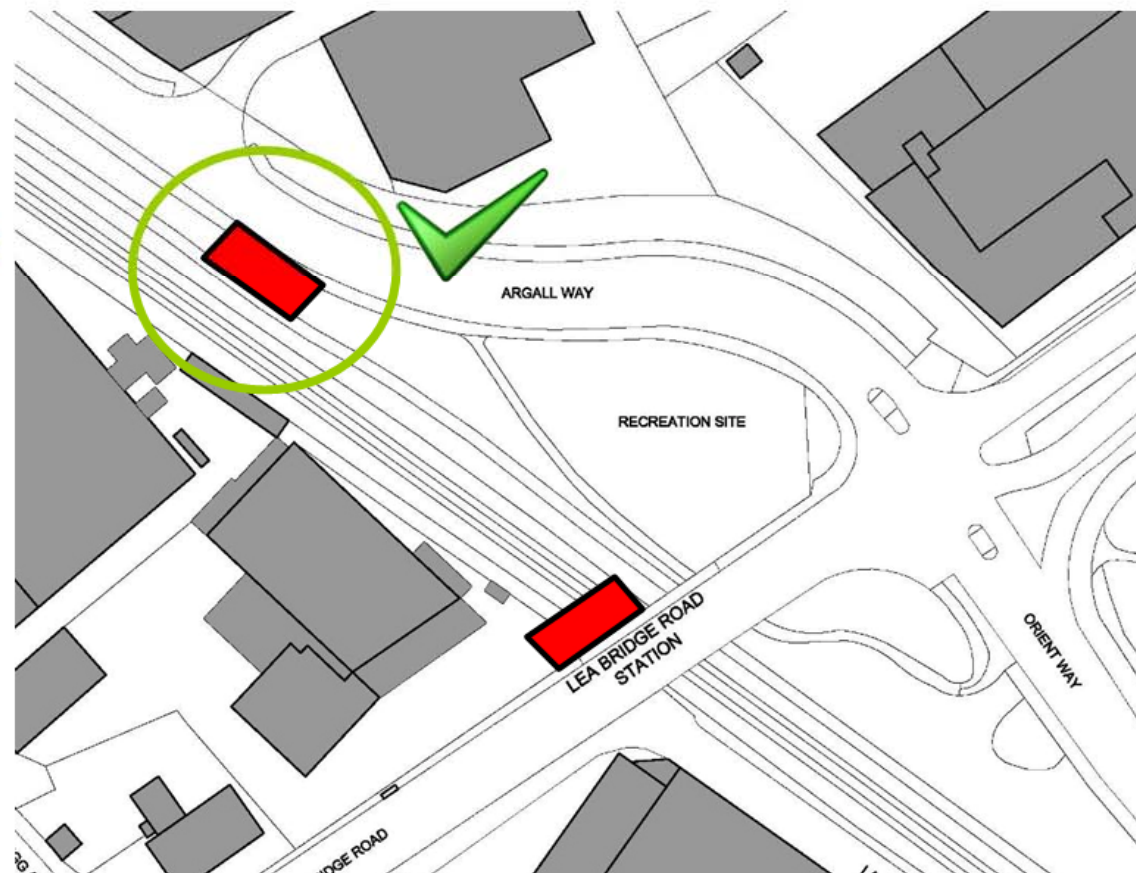
TTPP provided various alternative design options for consideration.

## Station Location:

Summarised as follows:

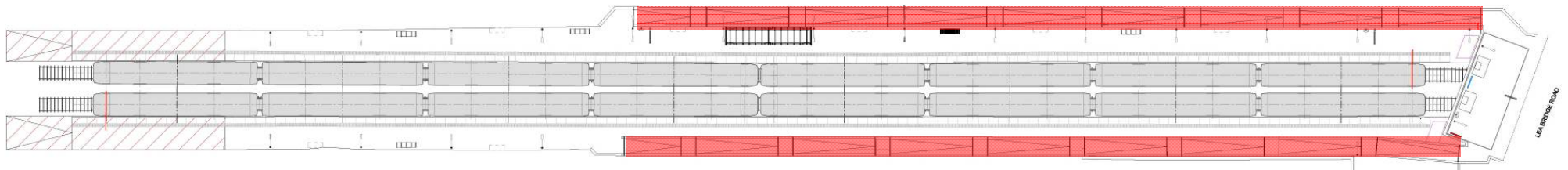
- **Lea Bridge Road Access**
- **Argall Way Access**

**Argall Way is the preferred option**  
access to the station  
is fundamentally better  
from here

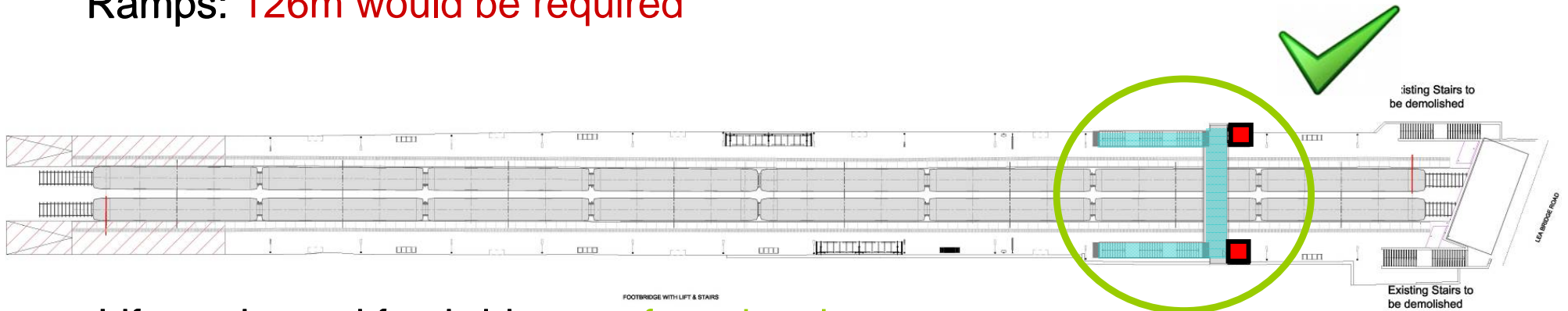


# Optioneering Platform Interchange

- Fully Accessible Station Required



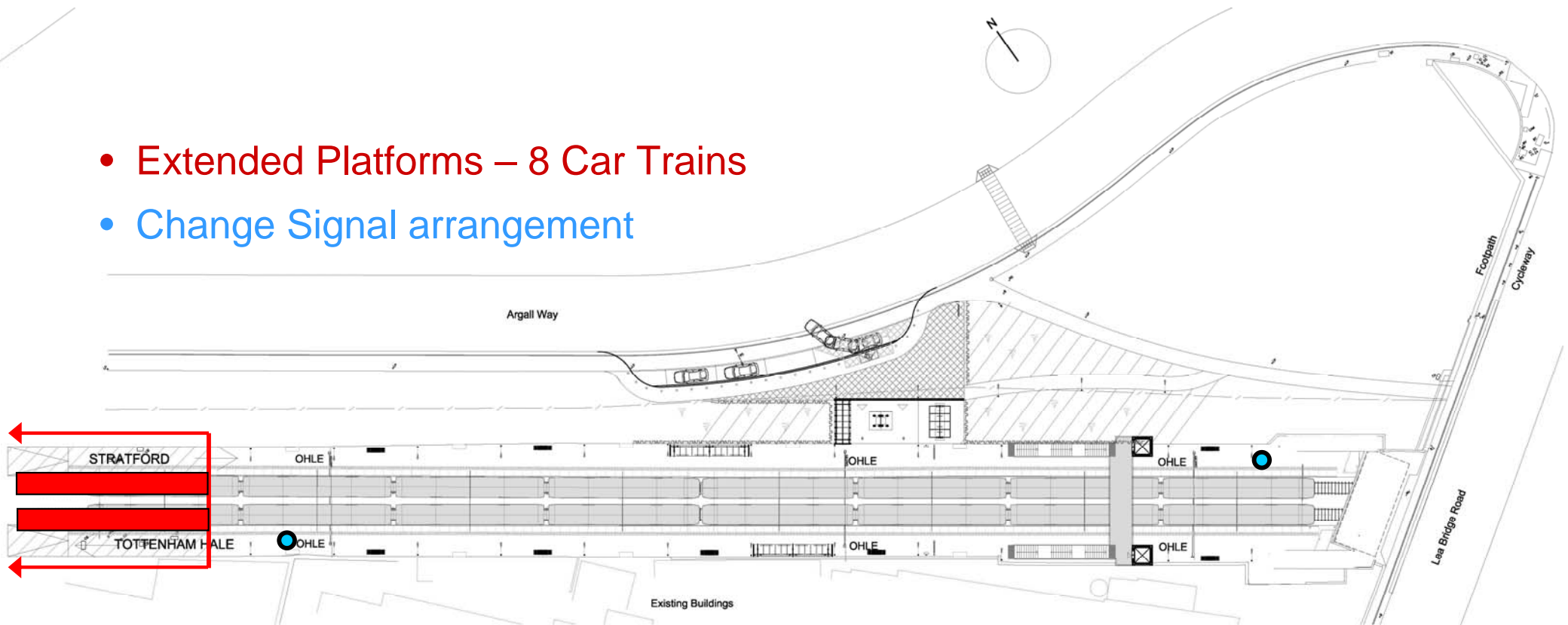
Ramps: 126m would be required



Lifts stairs and footbridge: preferred option

# The Preferred Option Platform Alterations

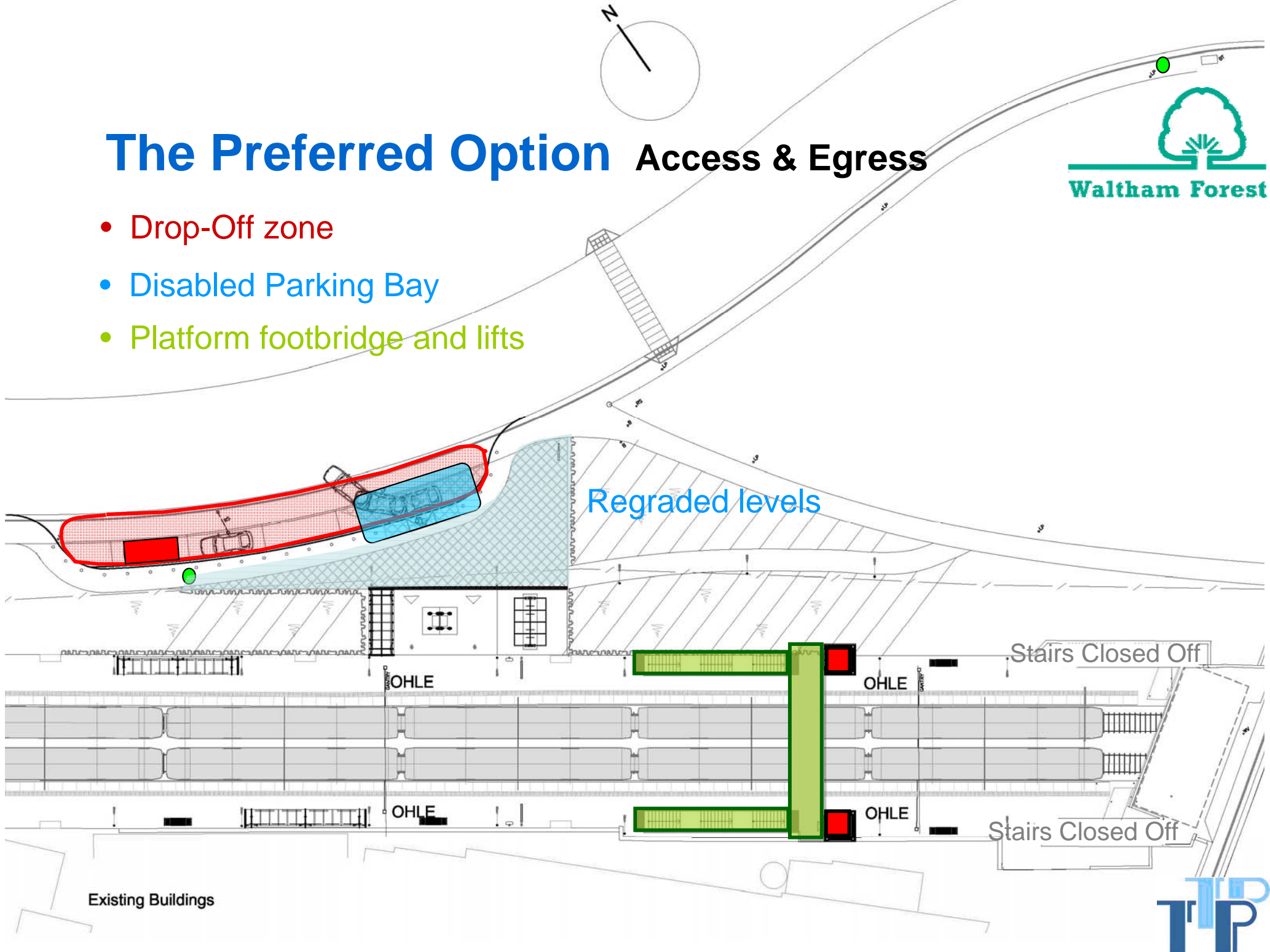
- Extended Platforms – 8 Car Trains
- Change Signal arrangement



# The Preferred Option Access & Egress



- Drop-Off zone
- Disabled Parking Bay
- Platform footbridge and lifts



Regraded levels

Stairs Closed Off

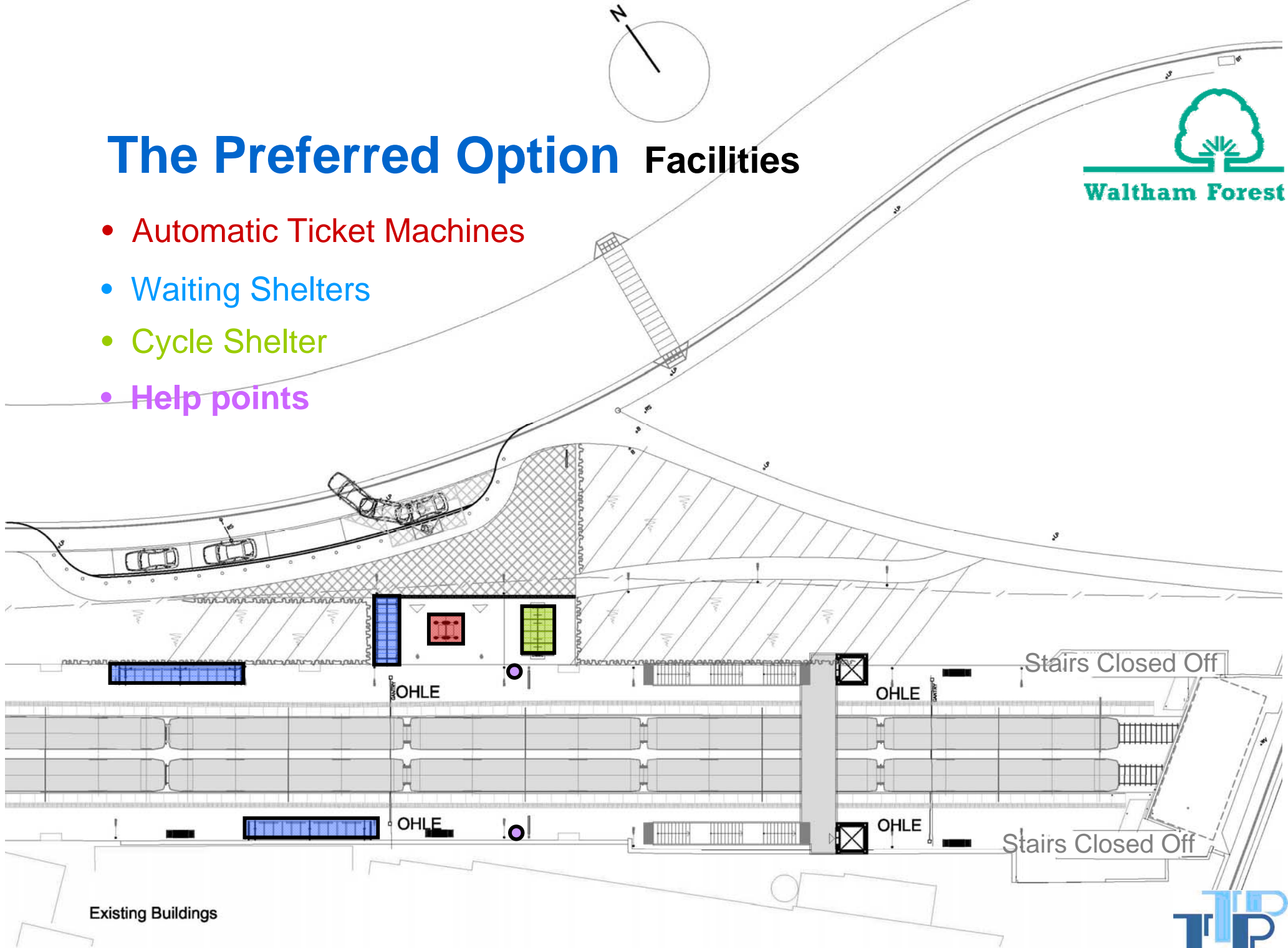
Stairs Closed Off

Existing Buildings



# The Preferred Option Facilities

- Automatic Ticket Machines
- Waiting Shelters
- Cycle Shelter
- Help points



Existing Buildings



# The Preferred Option 3D Images





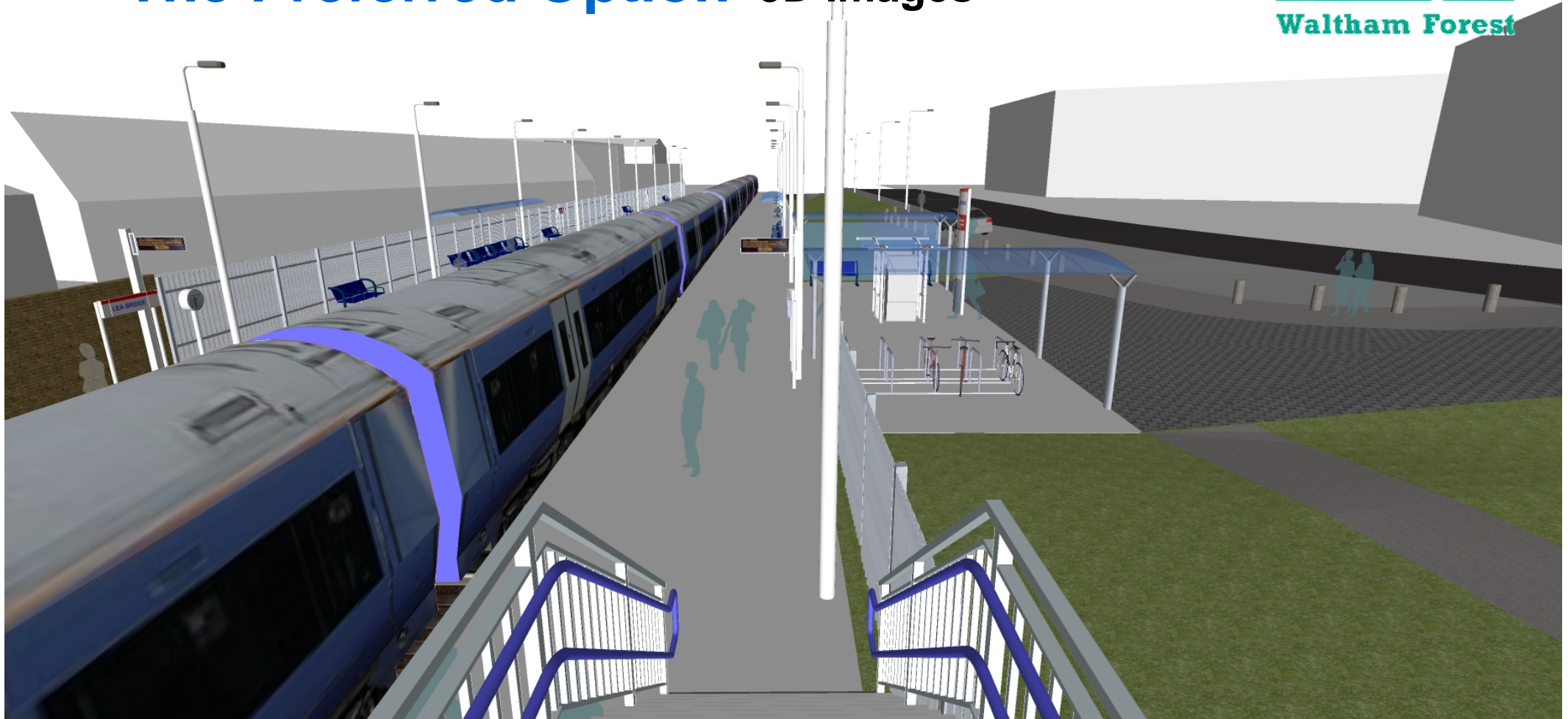
# The Preferred Option 3D Images



# The Preferred Option 3D Images



# The Preferred Option 3D Images



# The Preferred Option 3D Images



# Conclusions



- An improvement to the local area in terms of better transport links
- An improvement to the local area in terms of overall regeneration
- A sustainable solution to the area's transport needs
- The train service is half-hourly and is likely to remain so until at least 2016
- If and when train frequency is increased there is scope to make Lea Bridge a staffed station
- We anticipate the station taking approximately 2 years to construct and open

