

EXHIBIT LIST

Reference No: HOL/10018

Petitioner: EUSTON STANDARD PACK

Published to Collaboration Area: Wednesday 31-Aug-2016

Page 1 of 31

No	Exhibit Name	Page
1	P2211 Ampthill Estate Area Specific Information.pdf	2 - 23
2	P2212 Ampthill Estate Plans and Sections.pdf	24 - 31



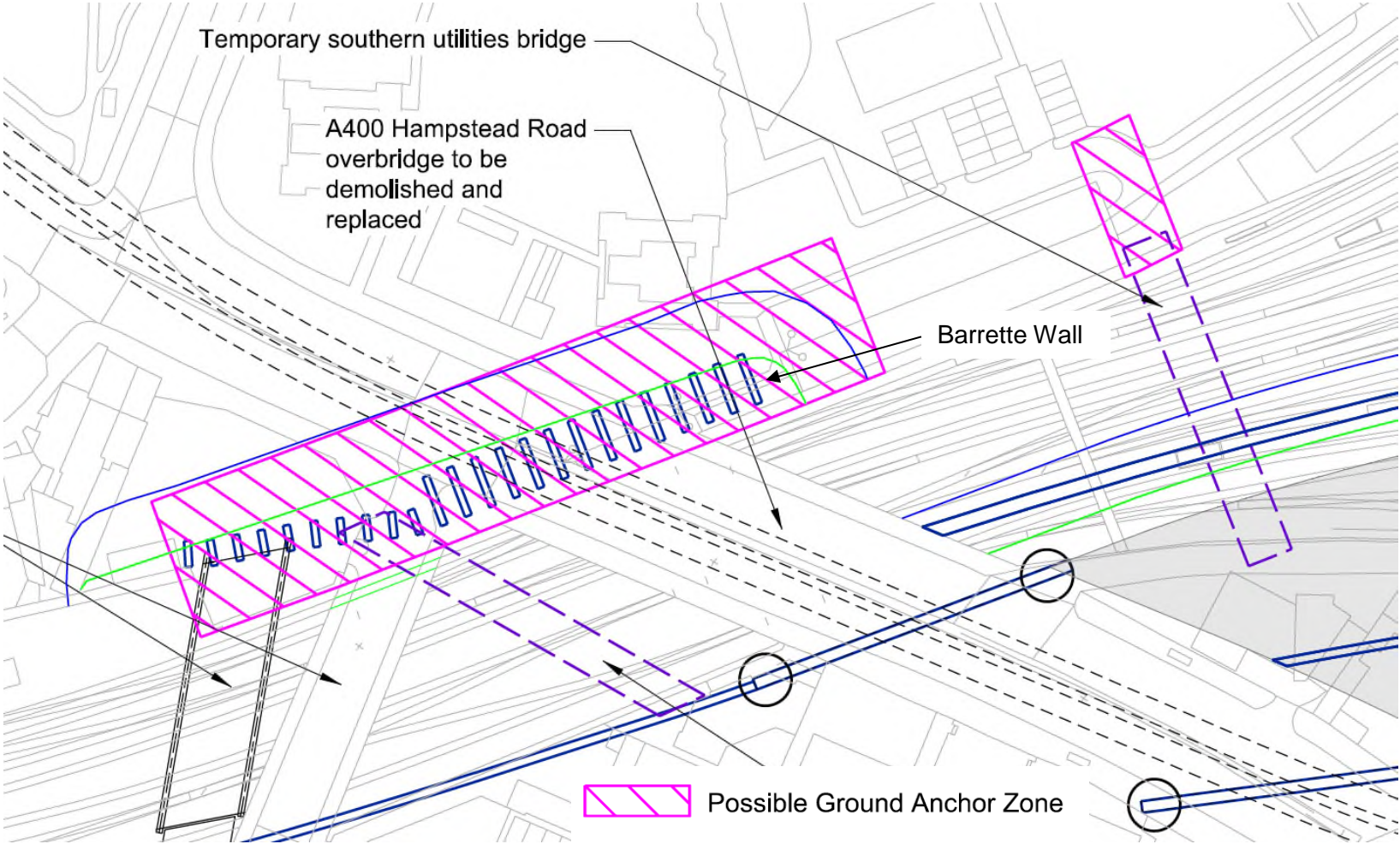


Ampthill Estate Area Pack

Introduction

- It should be noted that exhibits are provided by topic (e.g. air quality, traffic and transport, construction compounds, noise and Hampstead Road Bridge) under the relevant headings of the 'Promoter's Exhibits: Documents'.
- The following slides provide some additional specific information for the Ampthill Estate area.

Amphill Estate - Barrette Wall & Ground Anchors



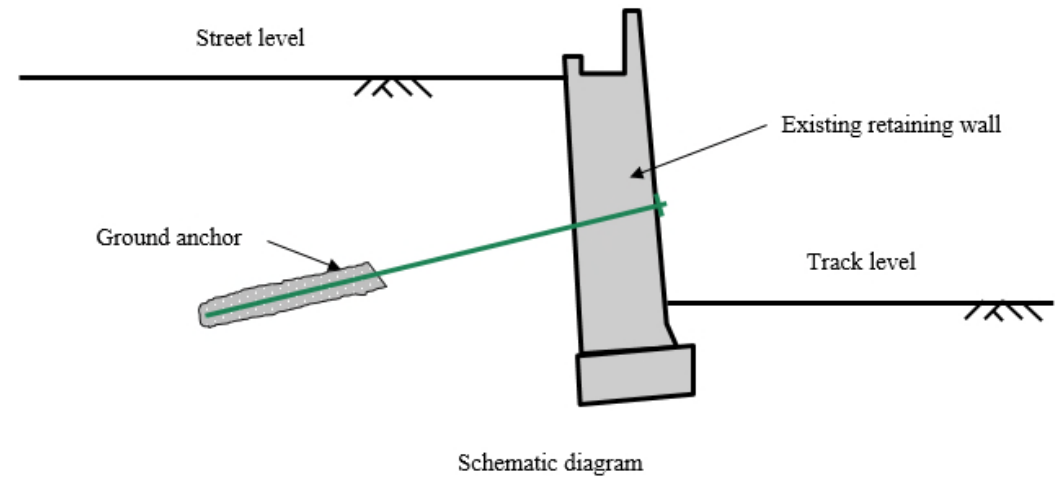
Amphill Estate – Barrette wall

- The barrette wall forms the foundation for the northern abutment of Hampstead Road Bridge;
- The barrette wall will be constructed behind the existing retaining wall / Hampstead Road Bridge abutment from street level.

Ampt Hill Estate – Temporary Ground Anchors

- Temporary ground anchors are required to stabilise existing retaining wall during barrette wall construction;
- Temporary ground anchors are required to stabilise existing retaining wall supporting the temporary utility bridge;
- Temporary ground anchors can be up to 20m long;
- Temporary ground anchors will be installed from within the station approach.

Temporary Ground Anchors



Amphill Estate – Potential Settlement

Barrette Wall

- Negligible settlement will be caused to Amphill Estate from construction of the barrette wall.

Temporary Ground anchors

- Temporary ground anchors will provide stability to the existing station approach retaining wall during construction of the barrettes. Negligible settlement will be caused to Amphill Estate from construction or use of these.

Amphill Estate Utilities – Works

Works Description

- Prior to the demolition of Hampstead Road Bridge and existing cable gantry, the existing utilities within these structures need to be removed and diverted across a temporary utility bridge and through the Amphill Estate;
- These utilities include gas and water mains, telecommunication ducts, and electricity cables (note: some electricity cables are already routed through the estate from the existing cable gantry);
- Private services, owned by LBC, will require diverting and building services connections will also need to be altered to maintain building supplies; and
- Upon completion of the new Hampstead Road Bridge, utilities will be reinstalled within the bridge and the utilities diversions within the estate either removed and surface reinstated or abandoned.

Amphill Estate Utilities – Works

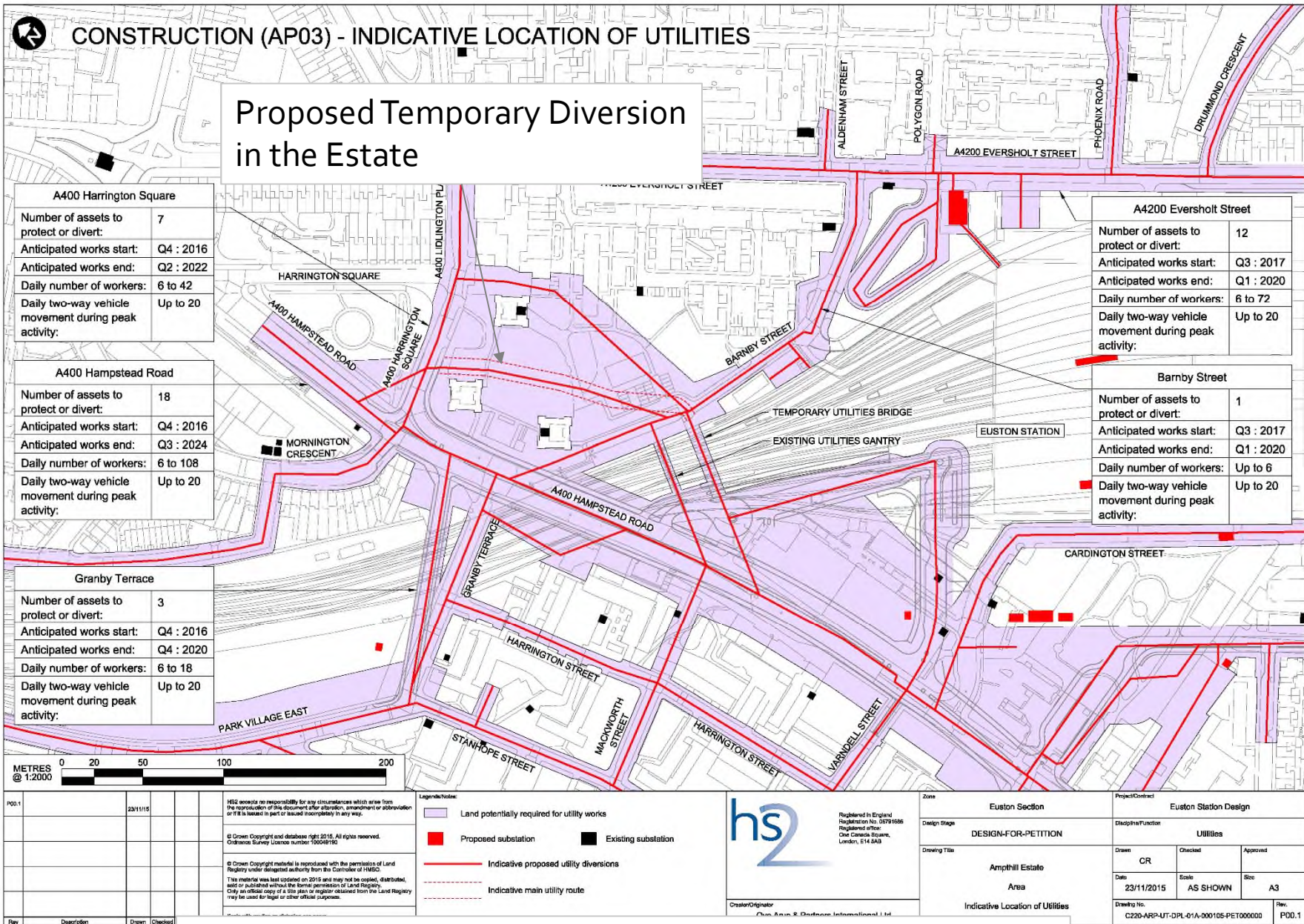
Typical Works Phasing

- i. Trench and localised excavations;
- ii. laying of pipes and ducts;
- iii. construction of chambers and pits;
- iv. cable pulling/jointing;
- v. testing/commissioning;
- vi. trench backfilling; and
- vii. surface reinstatement.

Works Reinstatement

- Upon completion of the surface reinstatements, these areas will likely be returned to the estate.
- In the Amphill Estate, trenching is likely to begin in Q4 2016 as a rolling programme with surface reinstatement completed in Q1 2019. It is anticipated that the diversion will then be left in place until 2024, when it is likely that the services laid as part of the diversion will be removed.

Amphthill Estate Utilities – Works



The anticipated works start and end dates provide a window during which the diversions will take place

Land required within the Ampthill Estate

- In the Proposed Scheme, as amended in the SES2 and AP3 ES, additional land (approximately 0.6ha) was included within that potentially required during construction.
- This land was included to facilitate improvements to existing open space, as mitigation for loss of other publicly accessible space as a result of Proposed Scheme over an extended time period.
- HS2 has subsequently provided LBC with assurances to fund open space improvements, including those within the Ampthill Estate (assurance ref. 1132).
- Further information regarding utility supply to the blocks within the Ampthill Estate was also provided to HS2 following publication of the main ES in November 2013. The land included within the Proposed Scheme ensures that if required, works to protect these utility supplies can be undertaken.

Impact of utility works on community facilities

- Multi-use games area (MUGA) - UK Power Networks' (UKPN) cables, which run under the MUGA (basketball court), will be subject to further surveys, but are unlikely to require replacement or upgrade. Should it be necessary to retrieve or replace the cables, it is likely that this would involve drawing cables through existing ducts or, as a worst case, an excavation across the MUGA which would take approximately 3 months to complete.
- Playground- although utility works are not proposed through the playground, surveys are required to ascertain the precise location of any existing cables. In the event that existing cables are located, UKPN has advised that the cables will be left in-situ.
- Community Hall (on Barnby Street) – this is not directly affected by utility works. However, Barnby Street will potentially be affected by utility diversions and is a construction access route. The Nominated Undertaker will ensure that access to the Community Hall is maintained during these adjacent works.

Working Hours

Core Hours

- Core working hours will be from 08:00 to 18:00 on weekdays (excluding bank holidays) and from 08:00 to 13:00 on Saturdays.
- Guidance on the site specific variations to core hours and/or additional hours likely to be required will be included within the Local Environmental Management Plan (LEMP) following consultation with the relevant local authority.

Start Up and Close Down

- The nominated undertaker's contractors will require a period of up to one hour before and up to one hour after normal working hours for start-up and close down of activities.

Working Hours

Works Outside of Core Hours

- At Euston, part of the construction will take place on or immediately adjacent to the existing operational railway where safety considerations for the workforce mean that work has to be completed during possessions or blockades of the railway.
- Possessions and blockades close or limit the use of the railway for trains, so normally take place at night, weekends or over bank holidays, so that there is less disruption to services and passenger access/movements.

Working Hours

Compounds

A400 Hampstead Road overbridge (south) satellite

- May occasionally operate for 24 hours depending on requirements for railway possessions.
- Maintains emergency evacuation access to Gillfoot Tower.

Royal Mail NW1 Delivery Office

- Occasional use out of core working hours when railway possessions take place for works to bridges and to reduce daytime traffic congestion during utilities and road works.

A400 Hampstead Road overbridge (north)

- May occasionally operate outside of core working hours for rail possession when construction on or adjacent to the conventional railway.

Temporary Loss of Parking

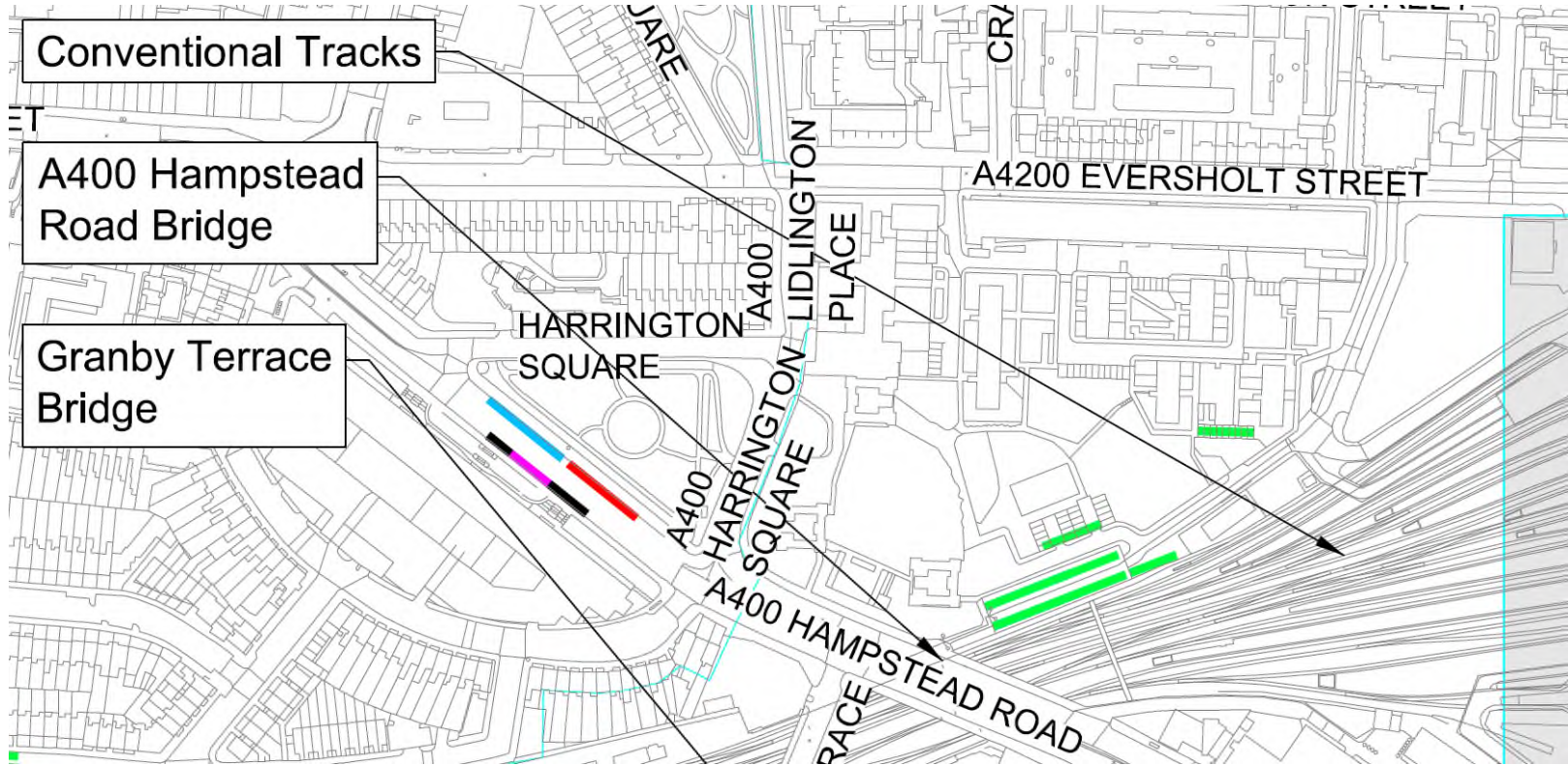
During Stage A, temporary utility works will result in the loss of 64 private parking spaces of a total provision of 150 spaces in the Estate. This major significant adverse effect continues during construction Stage B1.

Completion of construction will result in a permanent loss of five pay and display bays and two on-street residential permit holder parking bays on Barnby Street.

Through development of the local Traffic Management Plan with the Council, HS2 will seek to minimise loss of parking. It has been noted that parking utilisation at this location is low and could be accommodated in the remaining 86 spaces.

HS2 expects the Council to identify its priorities in the use of available parking. This could involve the reallocation of parking spaces to priority uses such as, for example, disabled parking bays. HS2 will work with the Council to address those priorities.

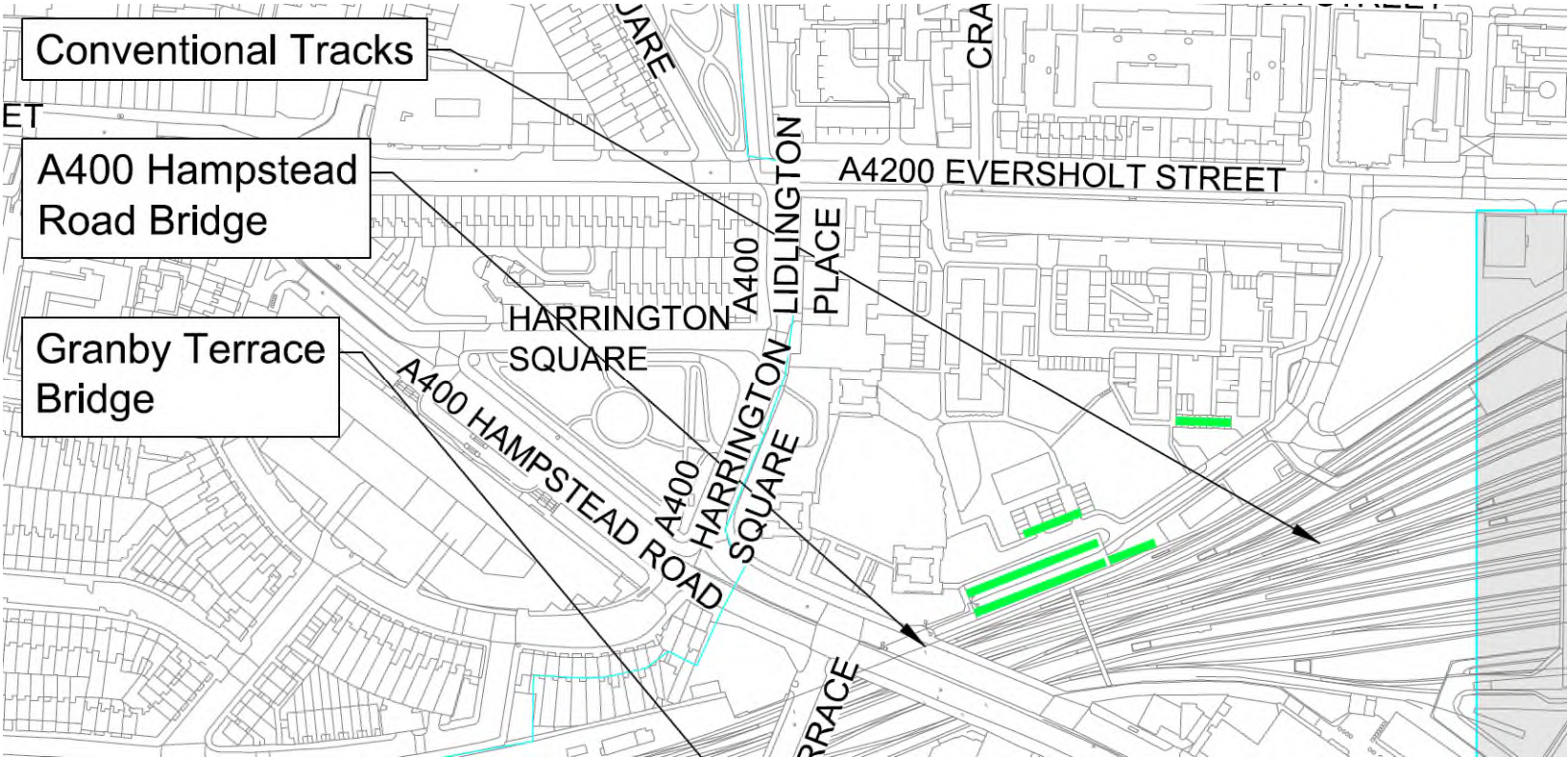
Temporary Parking Loss at Construction (Stage A)



- Legends/Notes:
- █ Pay & Display
 - █ Residential
 - █ Loading
 - █ Taxi
 - █ Coach
 - █ Motorcycle
 - █ Car Club
 - █ Controlled Parking Zones



Temporary Parking Loss at Construction (Stage B1)



Conventional Tracks

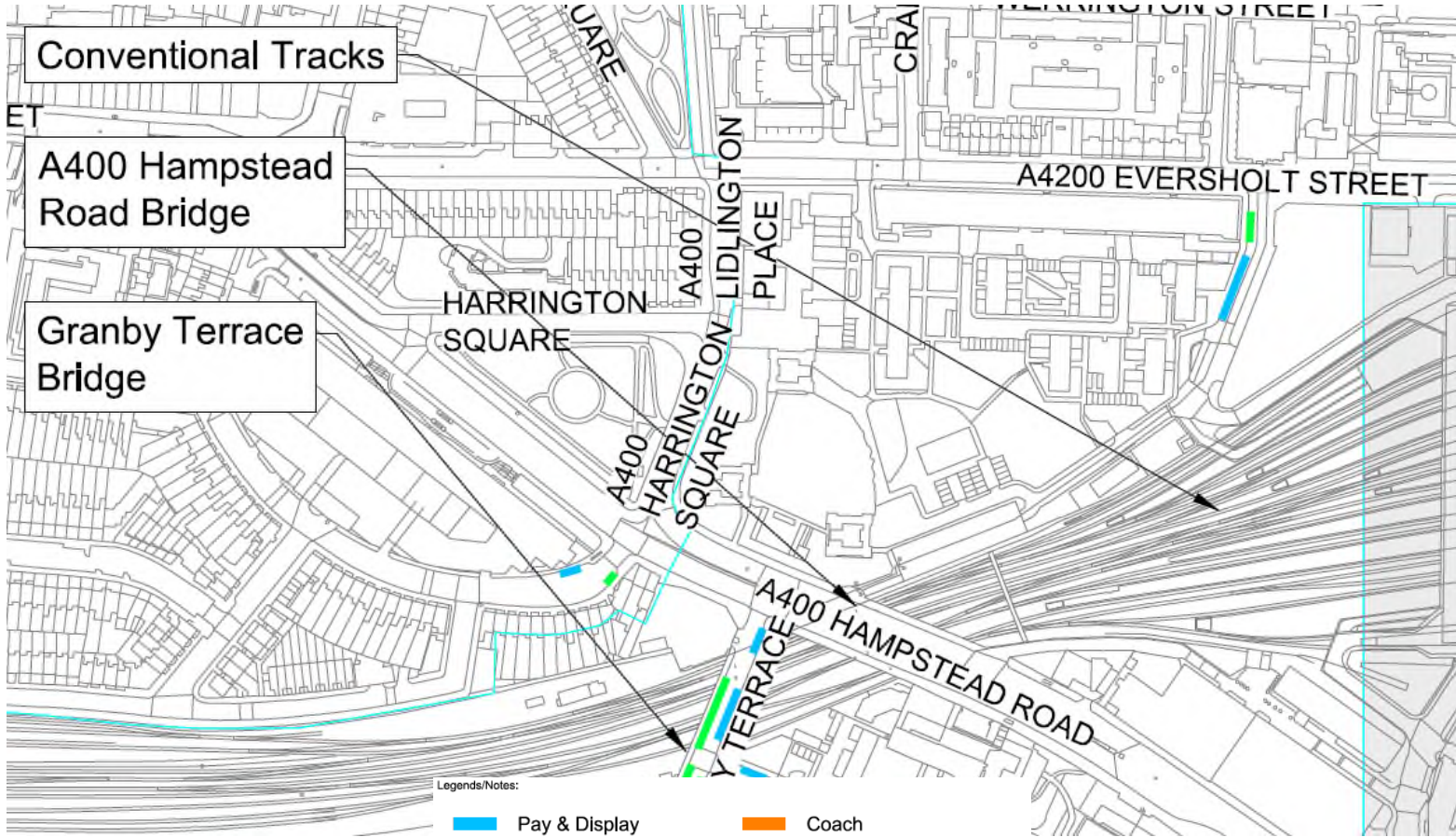
A400 Hampstead Road Bridge

Granby Terrace Bridge

- Legends/Notes:
- █ Pay & Display
 - █ Residential
 - █ Loading
 - █ Taxi
 - █ Coach
 - █ Motorcycle
 - █ Car Club
 - Controlled Parking Zones



Permanent Parking Loss



Assurances to Tenants and Residents Association

The Promoter has given an assurance to the Ampthill Estate Tenants and Residents Association regarding security measures, which states:

'Should the utilities works on the Ampthill Square Estate carried out as part of the Works require the temporary removal of part of the existing perimeter fence around the Dalehead, Oxenholme and Gilfoot blocks ("the blocks"), the Promoter will require the nominated undertaker to use such measures, for example replacement or alternative fencing, as are reasonably practicable to prevent the nominated undertaker from creating a gap, save for short periods from time to time, in the fencing on the boundary of the blocks.'

The Promoter has also given an assurance to the Ampthill Estate Tenants and Residents Association regarding access and open space, which states:

'The Promoter will require the nominated undertaker to use reasonable endeavours to ensure that: i) access to Ampthill Square Estate for service and delivery vehicles is maintained during the works; and ii) so far as reasonably practicable, the impacts of construction compounds located on the Estate upon the open space within the Estate are minimised.'

Japanese Knotweed

Section 9 of the draft CoCP sets out measures to prevent the spread of invasive and non-native species including Japanese knotweed.

Measures to prevent the spread of weeds from the construction site to adjacent land will also be implemented.

Ecological management measures will include individual species management plans for Japanese knotweed, where appropriate.

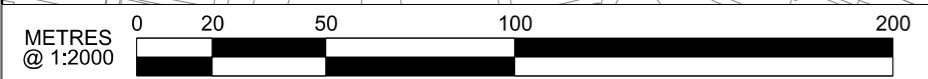
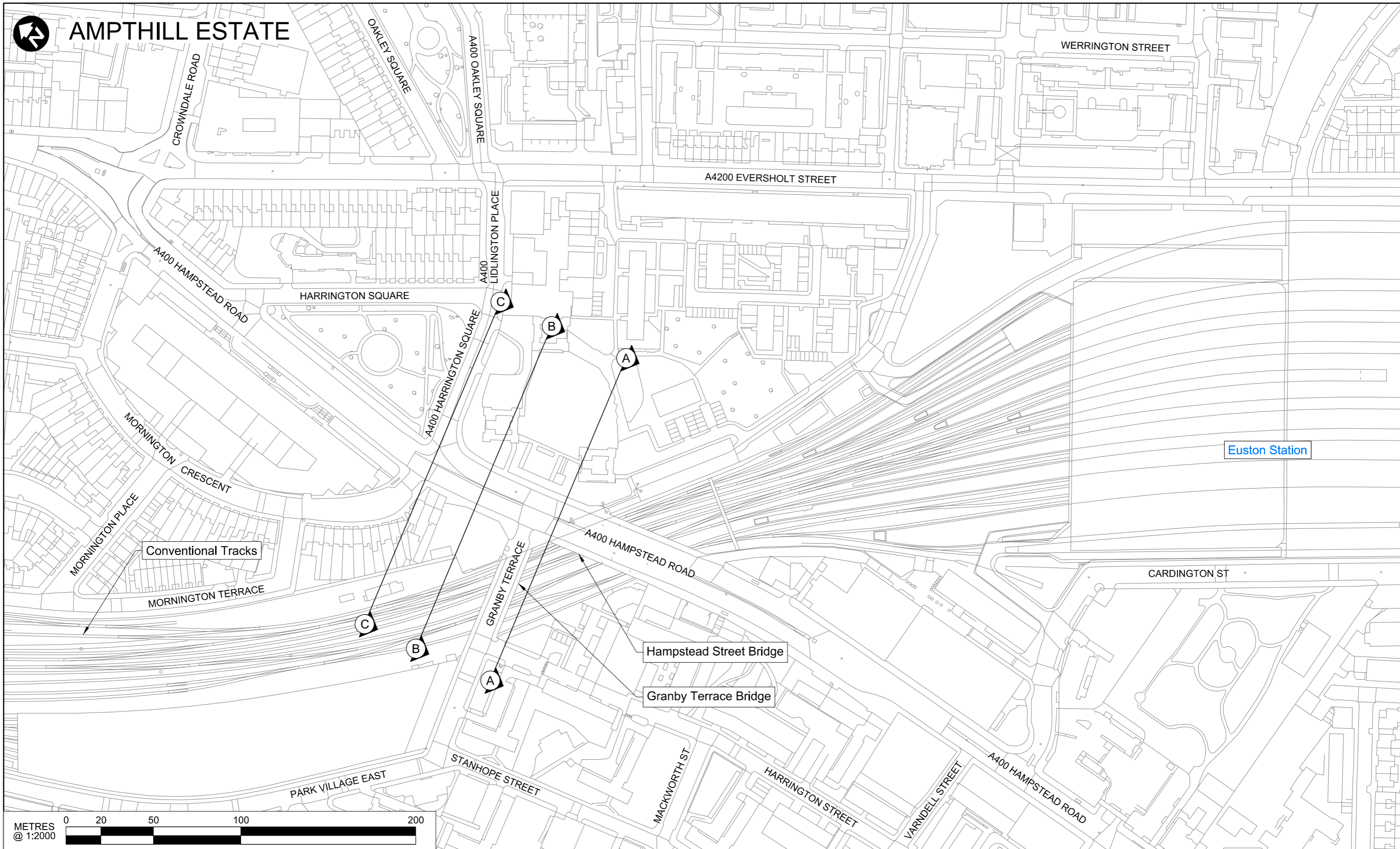
To control non-native species such as Japanese knotweed:

- route-wide measures will be put in place to minimise the spread of invasive species as a result of the project;
- a programme of works will be implemented which will reflect the fact that it can take a number of years to eradicate invasive species; and
- removal of invasive species will take account of ecological best practice guidance and appropriate measures will be taken to identify and protect other features of environmental importance.

Pests & Vermin


Chapter 5 of the draft CoCP includes measures to reduce the likelihood of either an environmental incident or nuisance occurring due to pests and vermin:

- Treatment of perimeters, cleanliness on site, provision of staff facilities, waste management
- Effective preventative pest and vermin control and prompt treatment of any pest and vermin infestation, including arrangements for disposing of food waste or other material
- If infestation occurs the contractor will take action to eliminate the infestation and prevent further occurrence



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Description	Drawn	Checked	Con App	HS2 App	

Legends/Notes:



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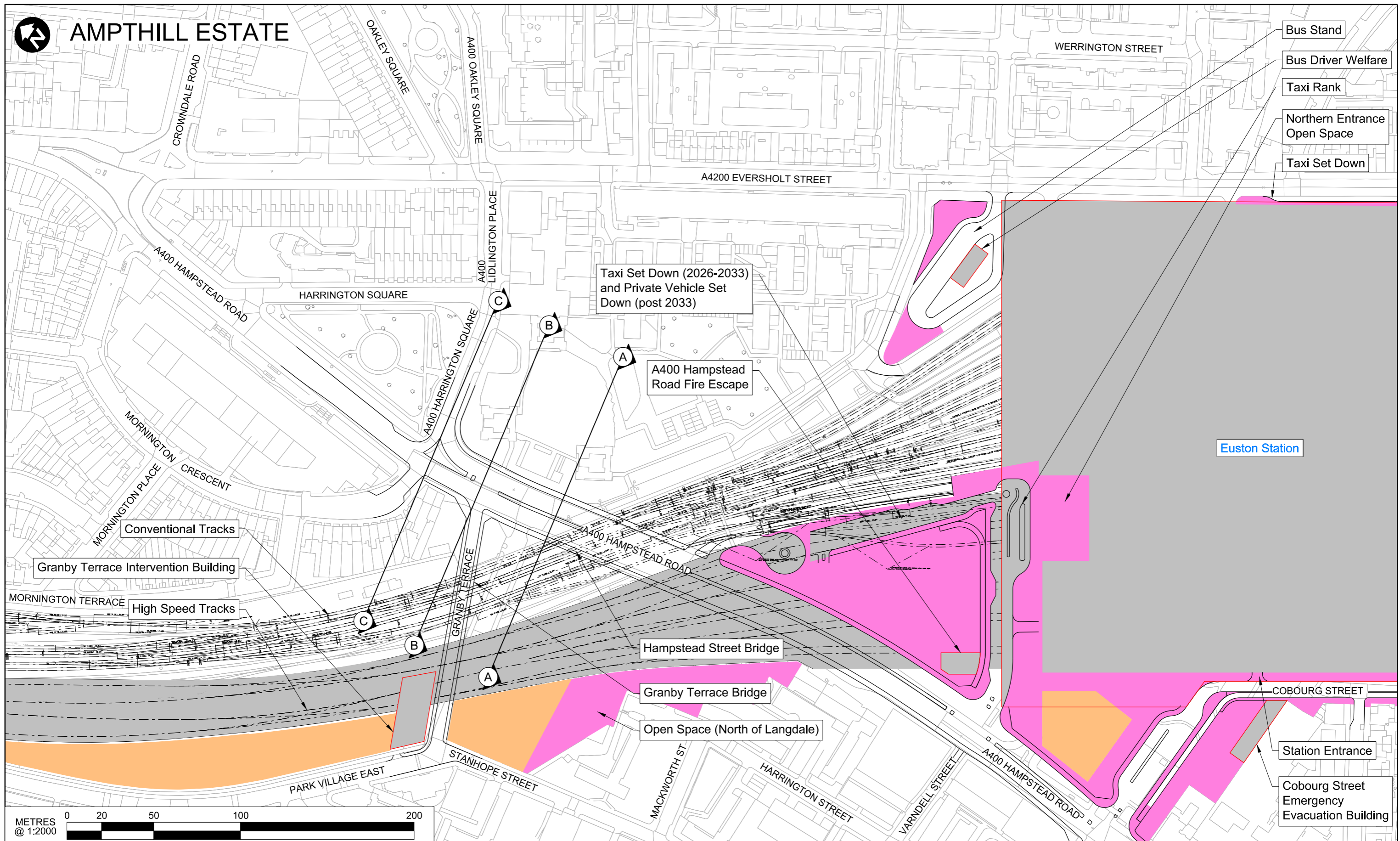
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Design Stage	DESIGN-FOR-PETITION
Drawing Title	Ampt Hill Estate Existing Plan

Project/Contract			Euston Station Design		
Discipline/Function			Construction and Logistics		
Drawn	Checked	Approved			
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Date	Scale	Size			
13/11/2015	AS SHOWN	A3			

Drawing No.	C220-ARP-CL-DPL-01A-100720-PET000000	Rev.	P00.1
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AMPTHILL ESTATE



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Legends/Notes:

- Depot, station, headhouse or portal building
- Public Realm/ Replacement community facility
- Returned to suitable development use
- Tunnels external extent
- Rail Alignment

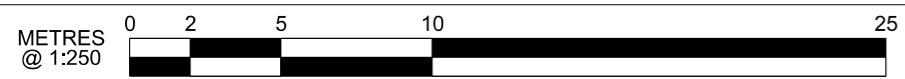
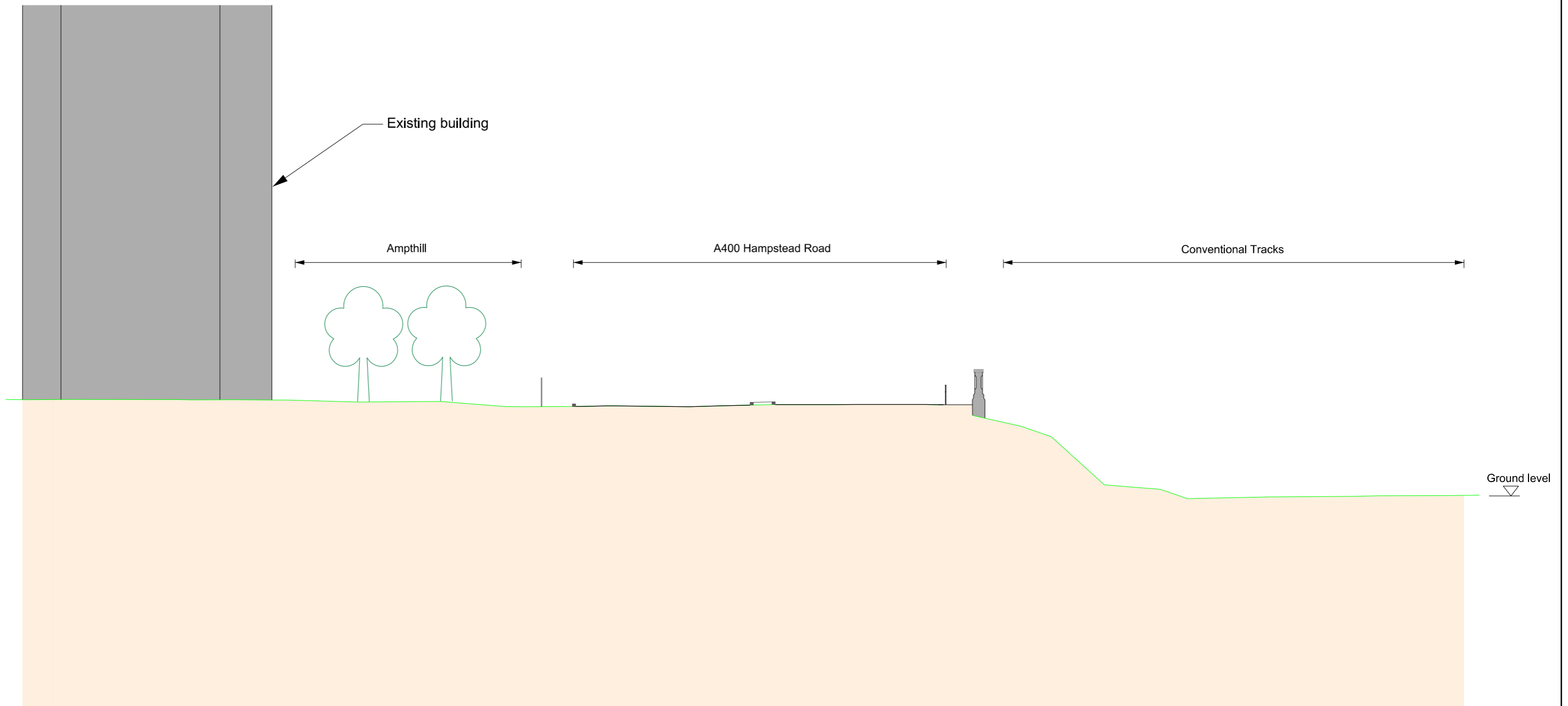
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Zone	Euston Section	
Design Stage	DESIGN-FOR-PETITION	
Drawing Title	Ampthill Estate Operation Plan	

Project/Contract	Euston Station Design		
Discipline/Function	Construction and Logistics		
Drawn	MA	Checked	Approved
Date	13/11/2015	Scale	AS SHOWN
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EXISTING SECTION A-A THROUGH A400 HAMPSTEAD ROAD AT GILLFOOT



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Legends/Notes:



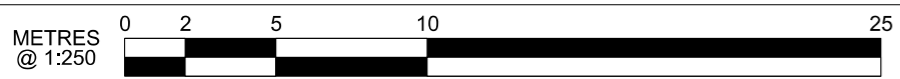
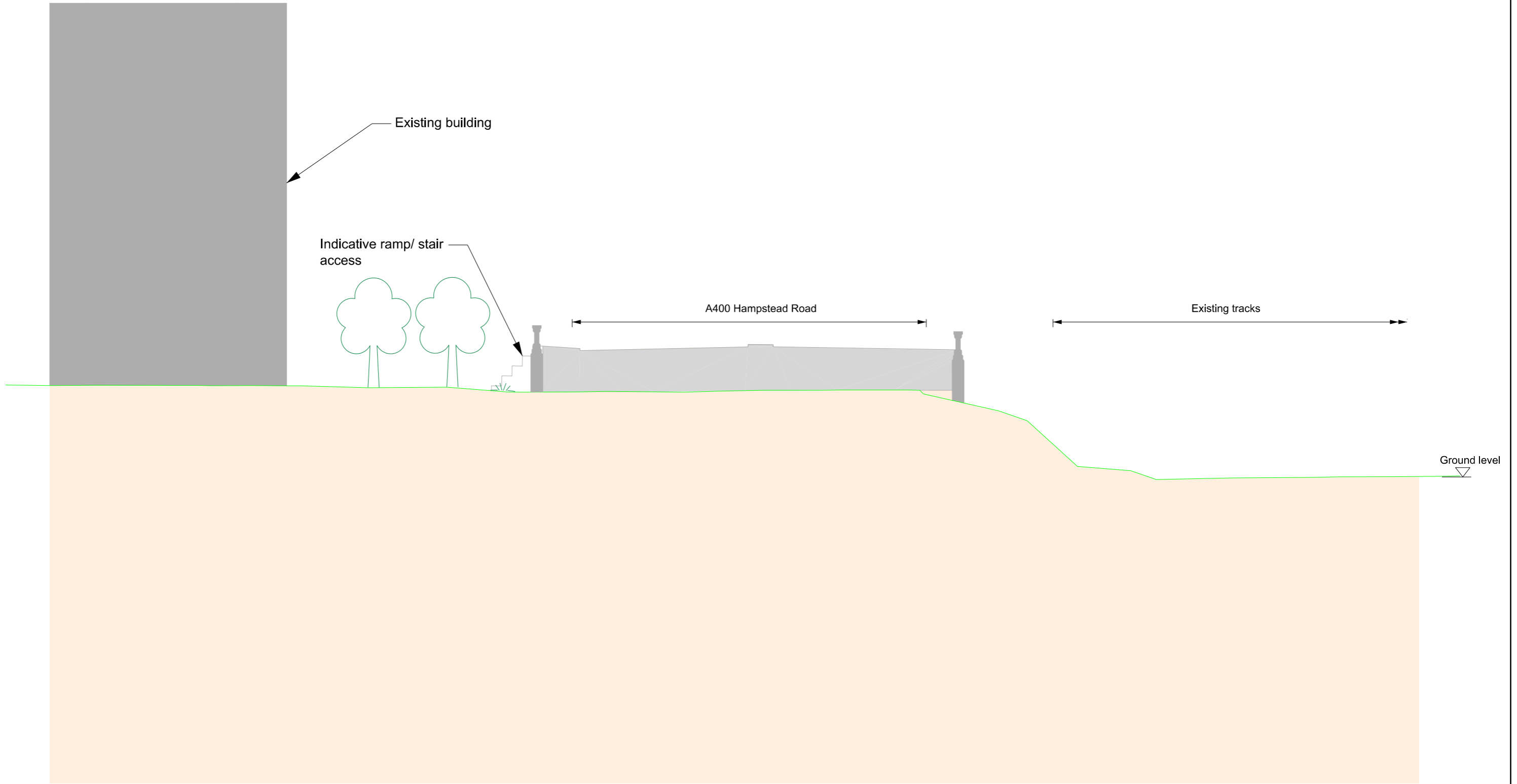
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Zone		Euston Section			Project/Contract		Euston Station Design		
Design Stage		DESIGN-FOR-PETITION			Discipline/Function		Construction and Logistics		
Drawing Title		Existing Section A-A Through A400 Hampstead Road at Gillfoot Amphill Estate			Drawn	Checked	Approved		
Date	13/11/2015	Scale	AS SHOWN	Size	A3			Rev.	P00.1
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P2212 (3)

OPERATION SECTION A-A THROUGH HAMPSTEAD ROAD AT GILLFOOT



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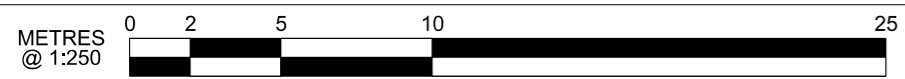
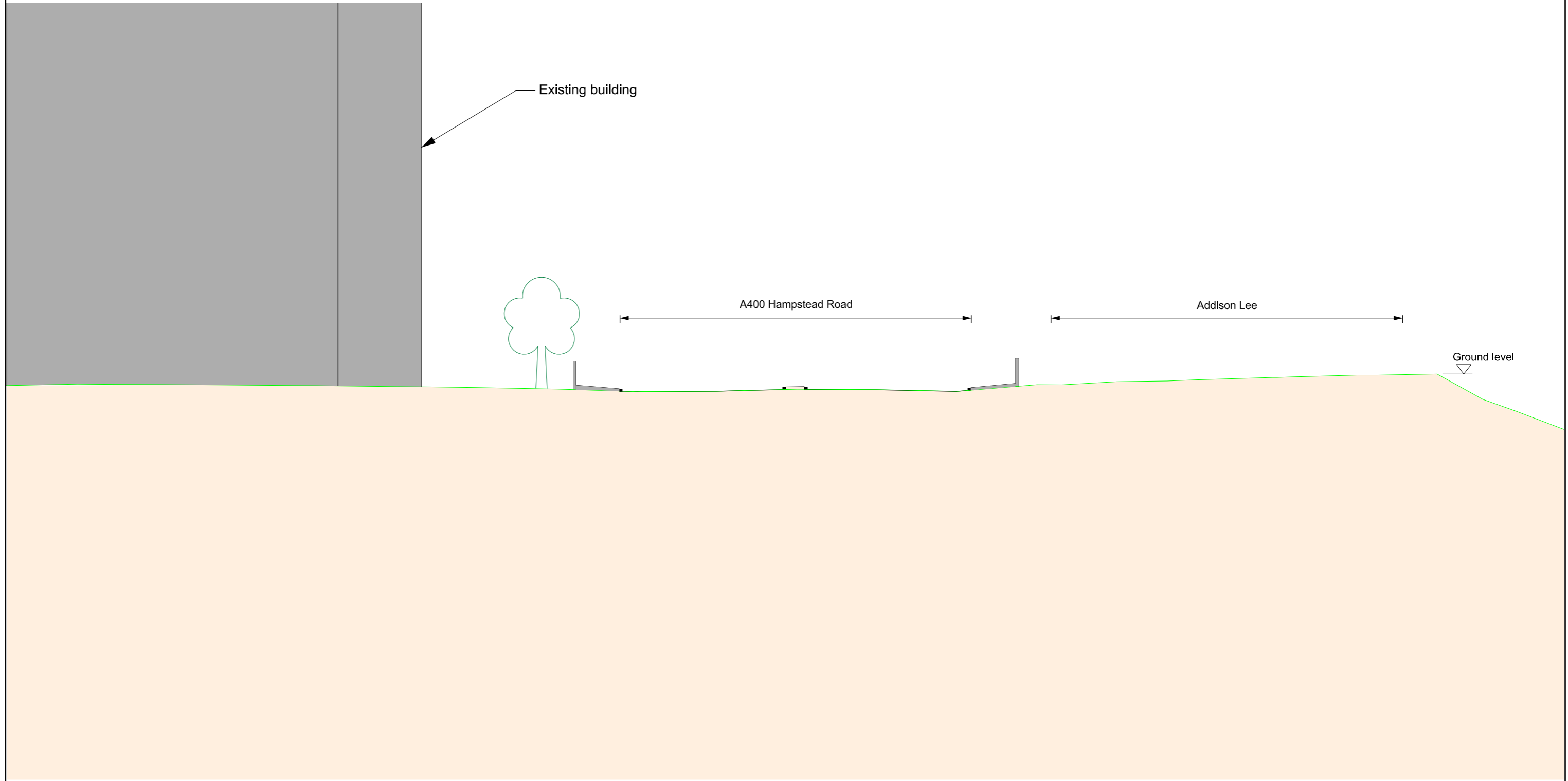
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Zone	Euston Section	
Design Stage	DESIGN-FOR-PETITION	
Drawing Title	Operation Section A-A Through A400 Hampstead Road at Gillfoot Amphill Estate	

Project/Contract			Euston Station Design		
Discipline/Function			Construction and Logistics		
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EXISTING SECTION B-B THROUGH A400 HAMPSTEAD ROAD AT DALEHEAD



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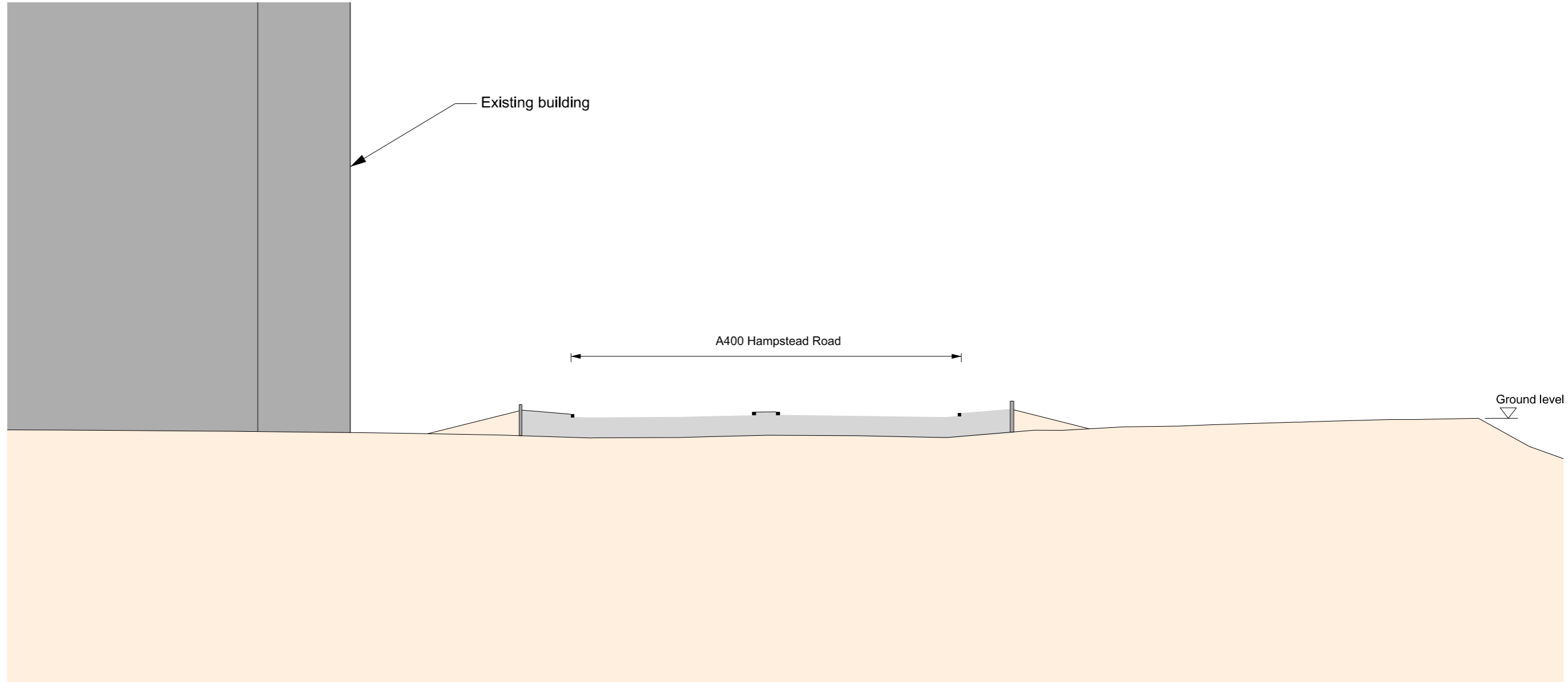
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Zone	Euston Section			Project/Contract	Euston Station Design		
Design Stage	DESIGN-FOR-PETITION			Discipline/Function	Construction and Logistics		
Drawing Title	Existing Section B-B Through A400 Hampstead Road at Dalehead Amphill Estate			Drawn	Checked	Approved	
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OPERATION SECTION B-B THROUGH A400 HAMPSTEAD ROAD AT DALEHEAD



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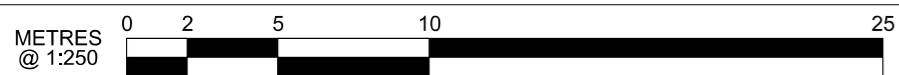
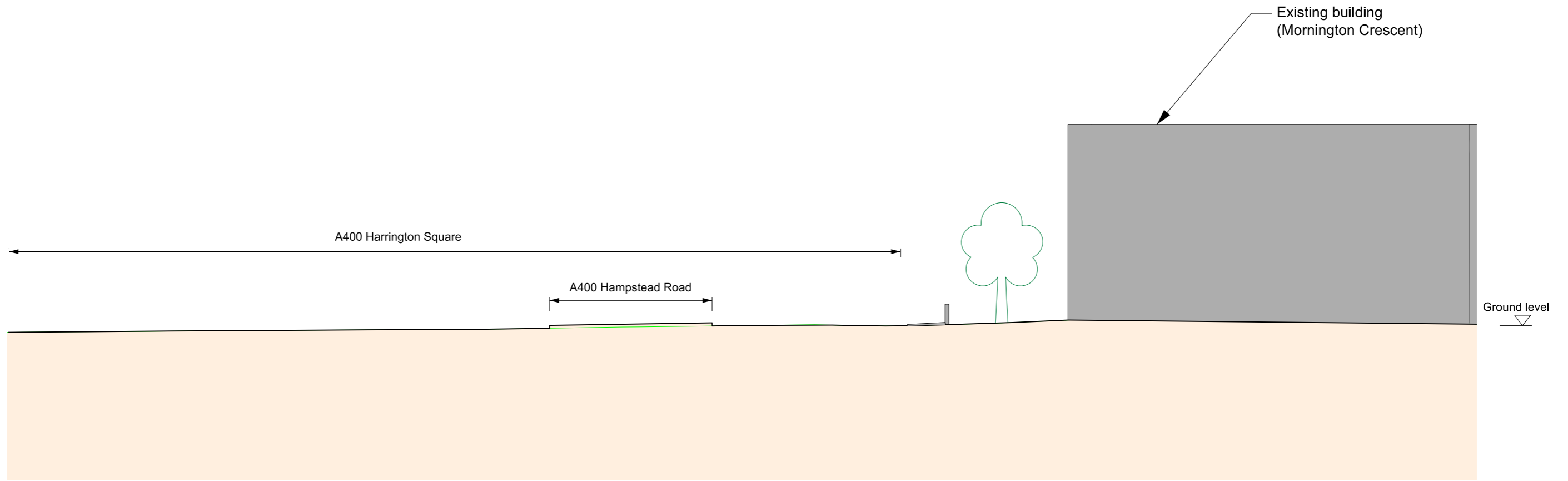


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Zone	Euston Section		Project/Contract	Euston Station Design	
Design Stage	DESIGN-FOR-PETITION		Discipline/Function	Construction and Logistics	
Drawing Title	Operation Section B-B Through A400 Hampstead Road at Dalehead Amphill Estate		Drawn	Checked	Approved
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	Drawing No.	Rev.			
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EXISTING SECTION C-C ALONG A400 HARRINGTON SQUARE



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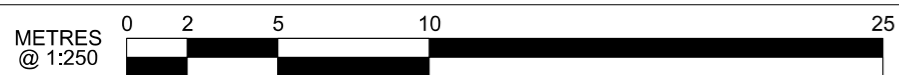
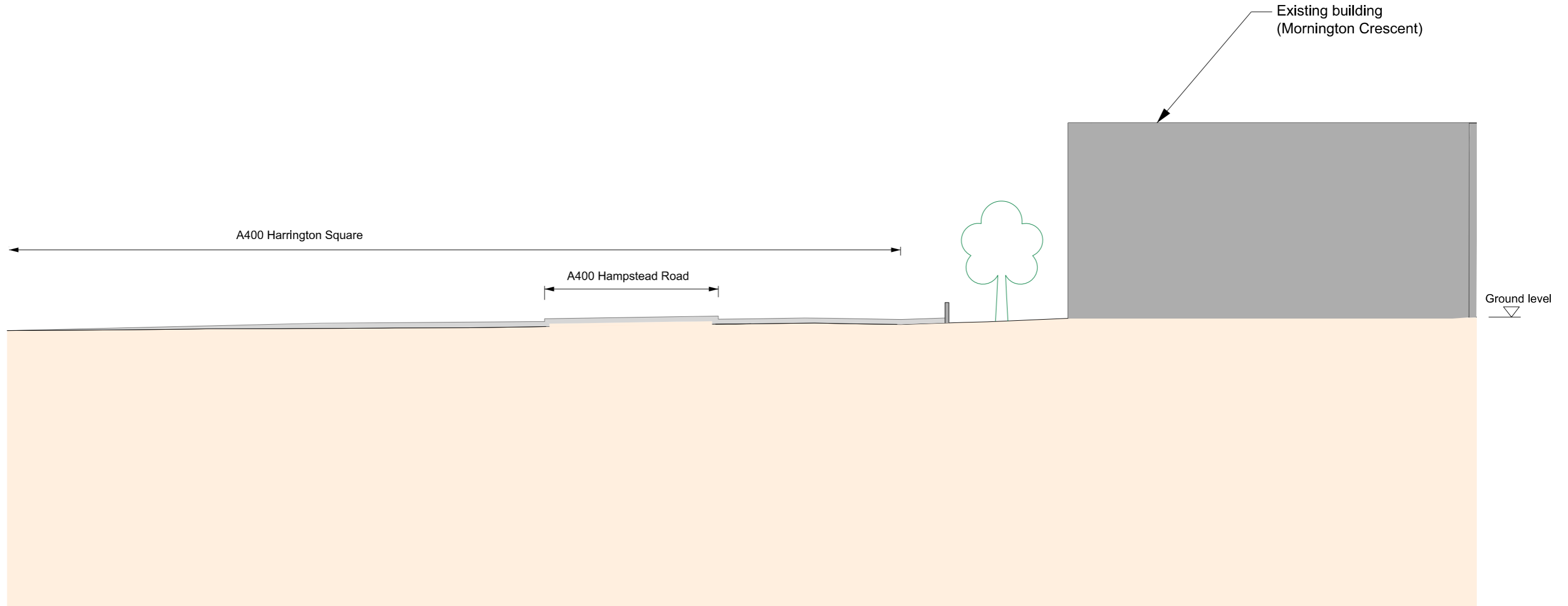


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Zone Euston Section		Project/Contract Euston Station Design	
Design Stage DESIGN-FOR-PETITION		Discipline/Function Construction and Logistics	
Drawing Title Existing Section C-C Section Along A400 Harrington Square Amphill Estate		Drawn MA	Checked Approved
Date 13/11/2015	Scale AS SHOWN	Size A3	
Drawing No. C220-ARP-CL-DSE-01A-100723-PET000000		Rev. P00.1	

OPERATION SECTION C-C ALONG A400 HARRINGTON SQUARE



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Zone	Euston Section	
Design Stage	DESIGN-FOR-PETITION	
Drawing Title	Operation Section C-C Section Along A400 Harrington Square Amptill Estate	

Project/Contract	Euston Station Design		
Discipline/Function	Construction and Logistics		
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