



Westenhanger Station Project:

High Speed connectivity between Otterpool Park and London

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for Railfuture London & SE AGM

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Otterpool Park LLP



Master Developer:

- Assemble land
- Gain planning permission
- Deliver infrastructure
- Sell serviced parcels
- 50% open country park land
- Sustainable travel throughout



Illustrative Masterplan (based on 8,500 homes)



Development

PACE A – outline concept:
completed 2022/23

PACE 1 – outline design and
single option selection: 2023/24

PACE 2 – detailed design of
selected option: 2026/27*

PACE 3 – construction and
delivery: 2027/28* & 2028/29*

COMMISSIONING: Dec 2029*



Funding & Delivery Plan

- 3rd party scheme funded by Otterpool Park LLP / F&HDC
- * Paused to await funding from Joint Venture Partner
- * Delivery plan re-phased to Dec 2029 completion



Station Uplift

- Existing is not fit for purpose
- Extend both platforms to 12-cars with new shelters and platform canopies
- New station building on Up with ticket sales, waiting area, travel information, toilets



Mobility Hub for Otterpool

- Extend Up platform at London end of station
- New car park to be located on south side of existing station
- Station to be key transport 'Mobility Hub' interchange



Access for All

- Extend Down platform at London end opp Up platform
- Centre station so it is aligned with new station building
- Improved access for all with new lifts / footbridge / stairs



Westenhanger: Carbon Negative

- Build on expertise gained from Denmark Hill
- Solar panelled roofs and platform canopies throughout
- Net power contributor to National Grid



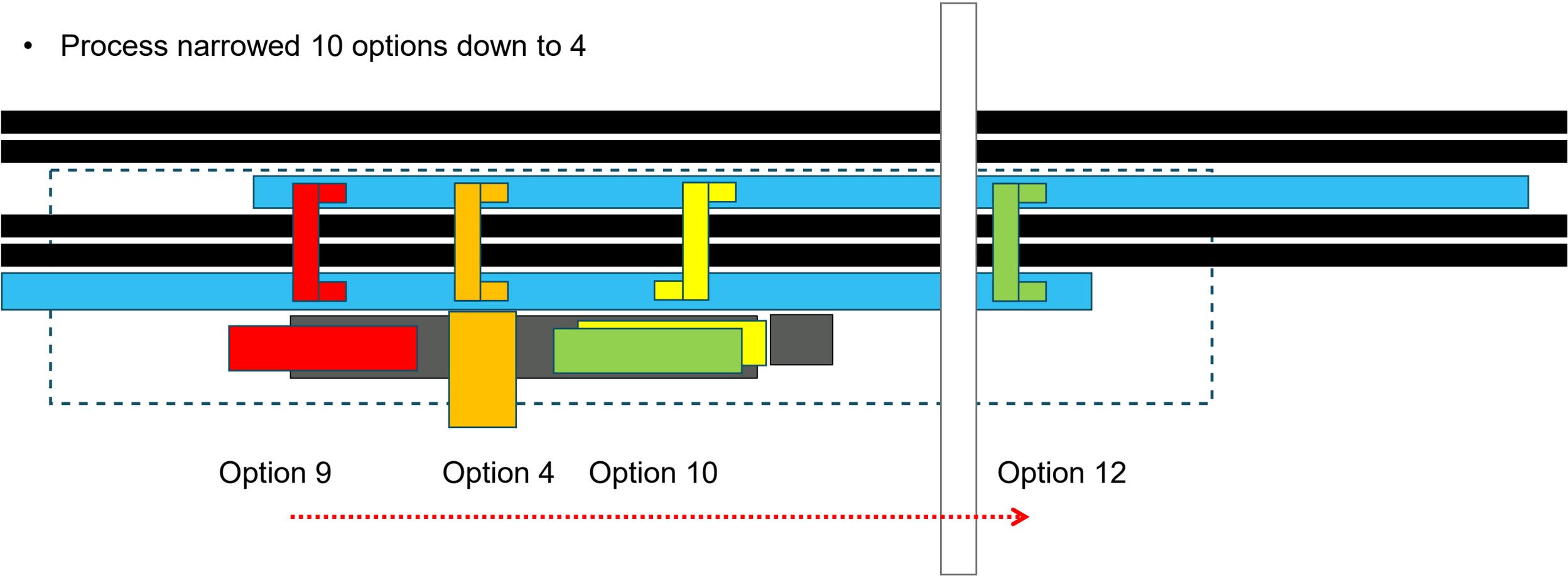
Pace 1: 4 short-listed options

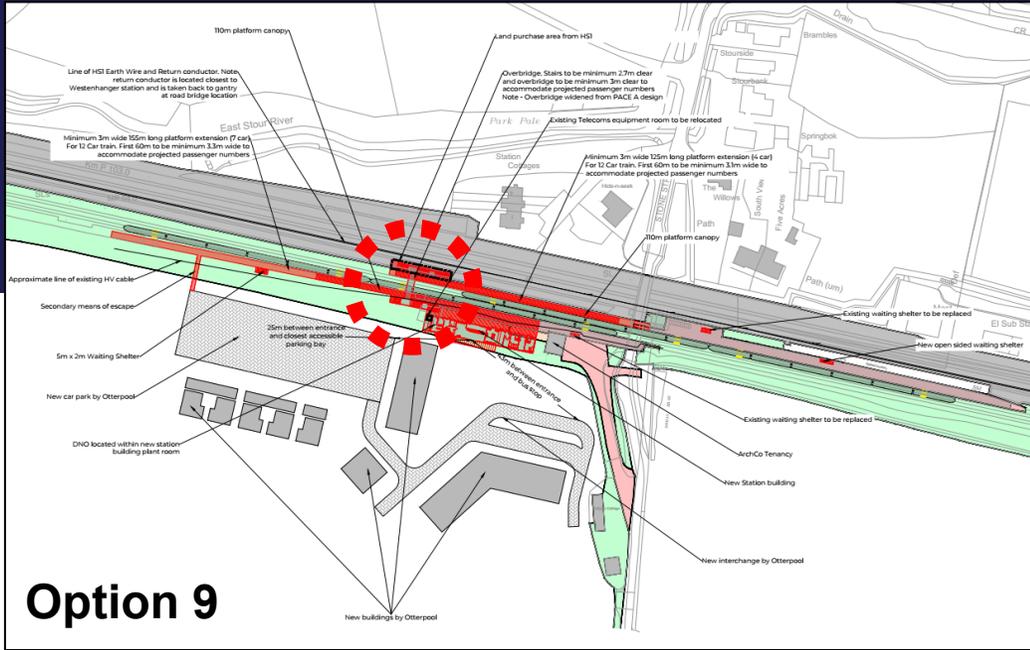
- SK09: western footbridge / horizontal building
- SK04: western footbridge / perpendicular building
- SK10: western Z-footbridge / horizontal building
- SK12: eastern footbridge / horizontal building



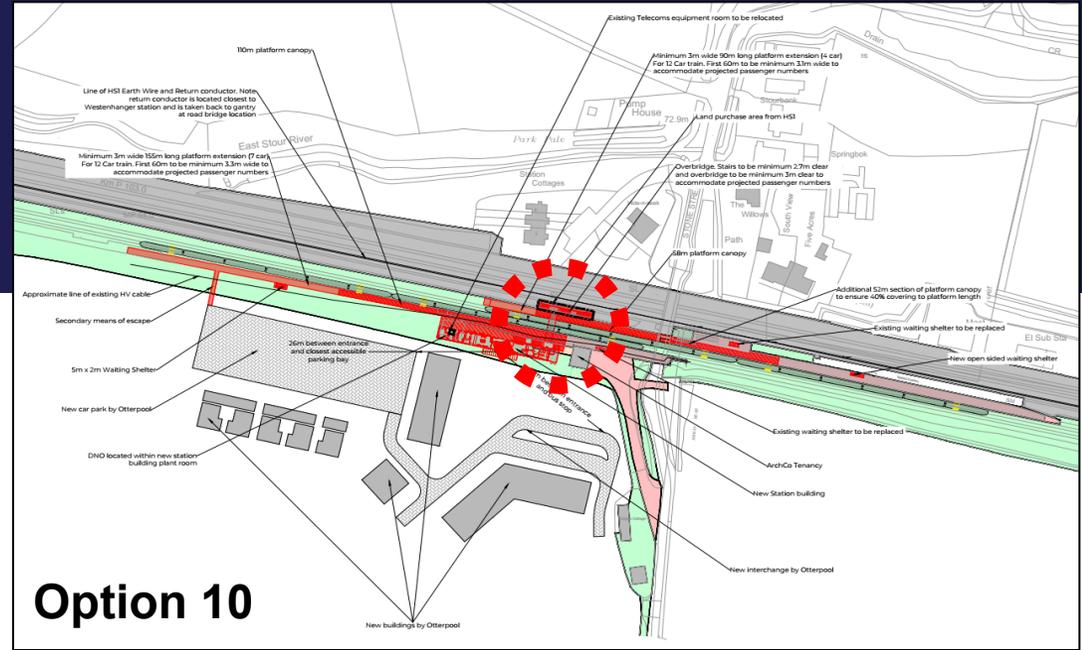
PACE 1: ES2 Overview option short list

- Process narrowed 10 options down to 4

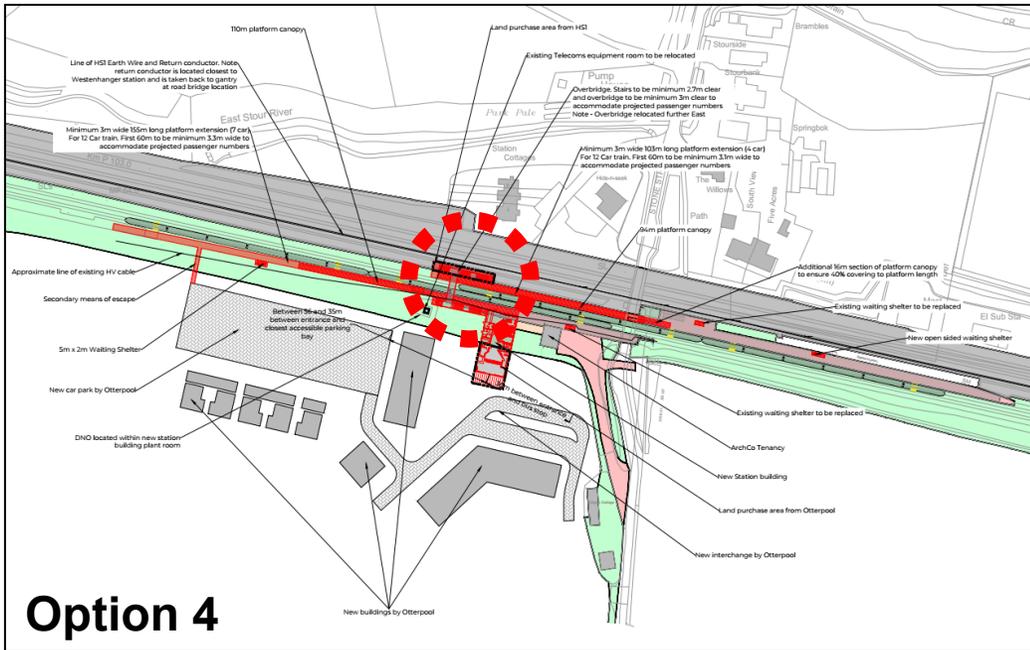




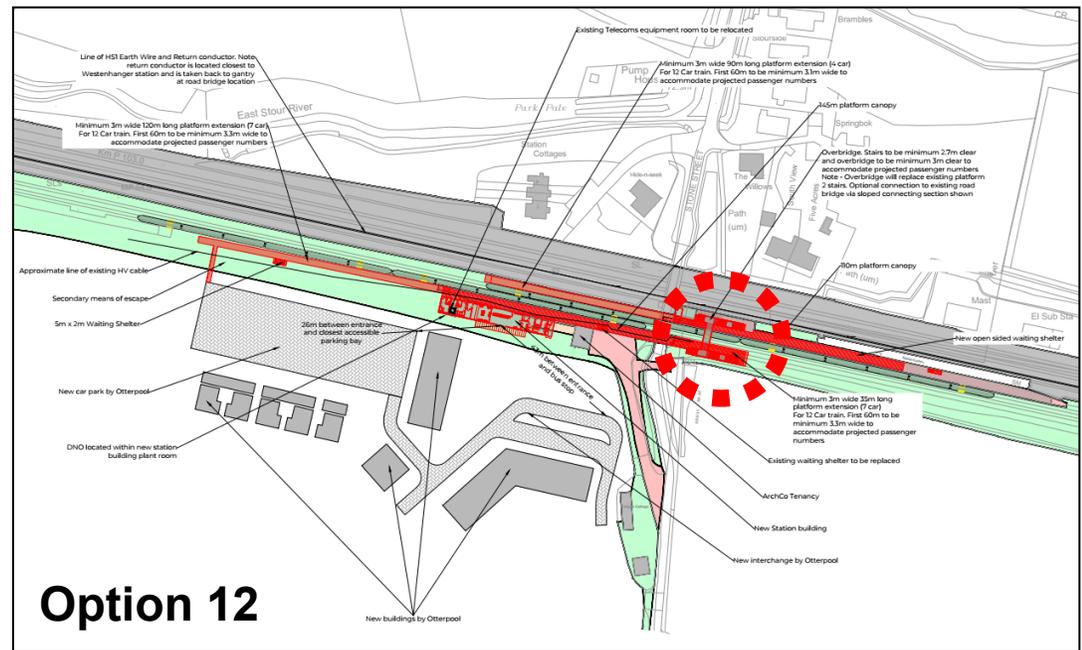
Option 9



Option 10

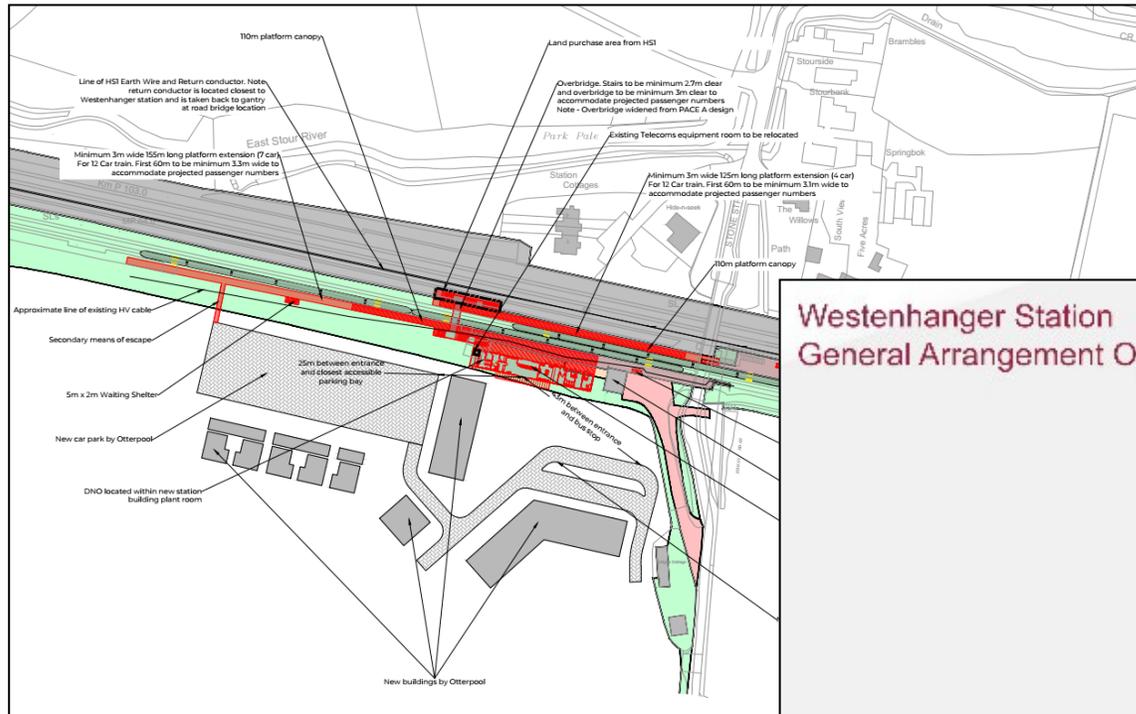


Option 4



Option 12

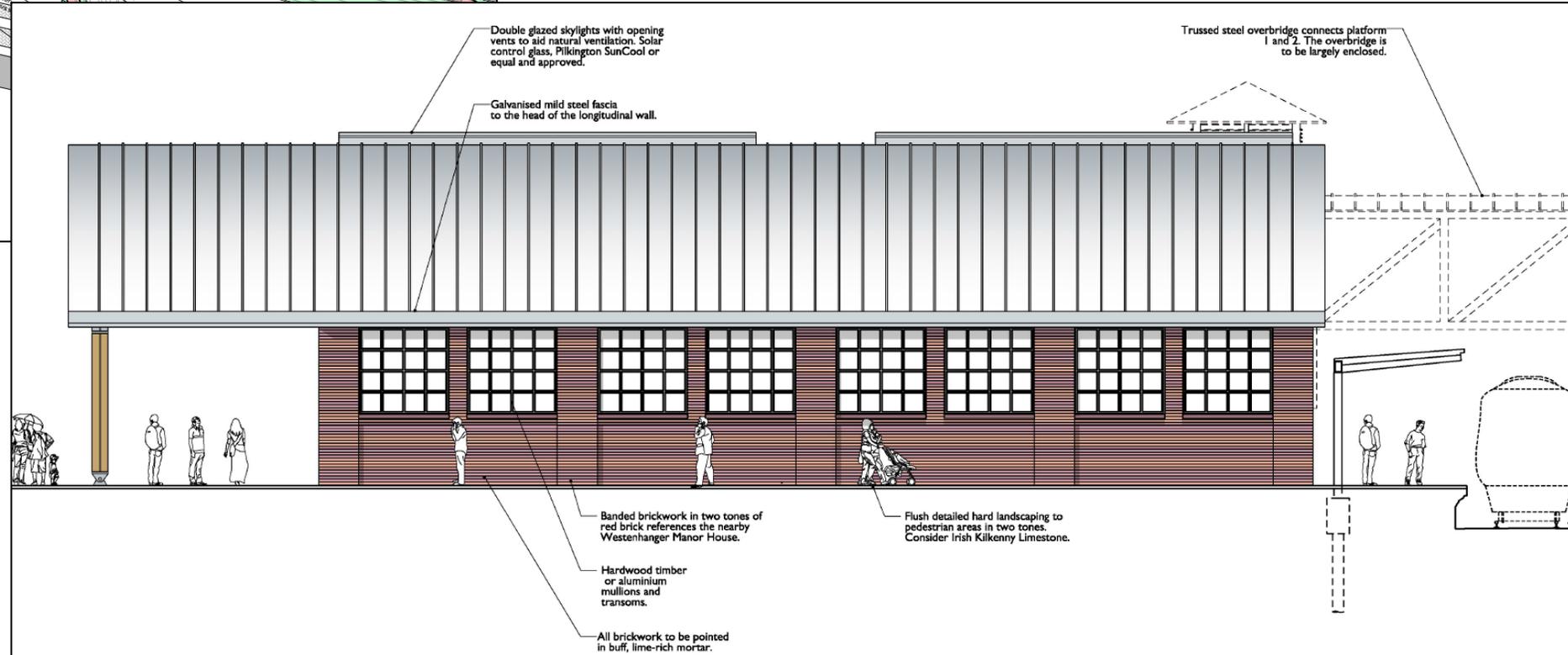
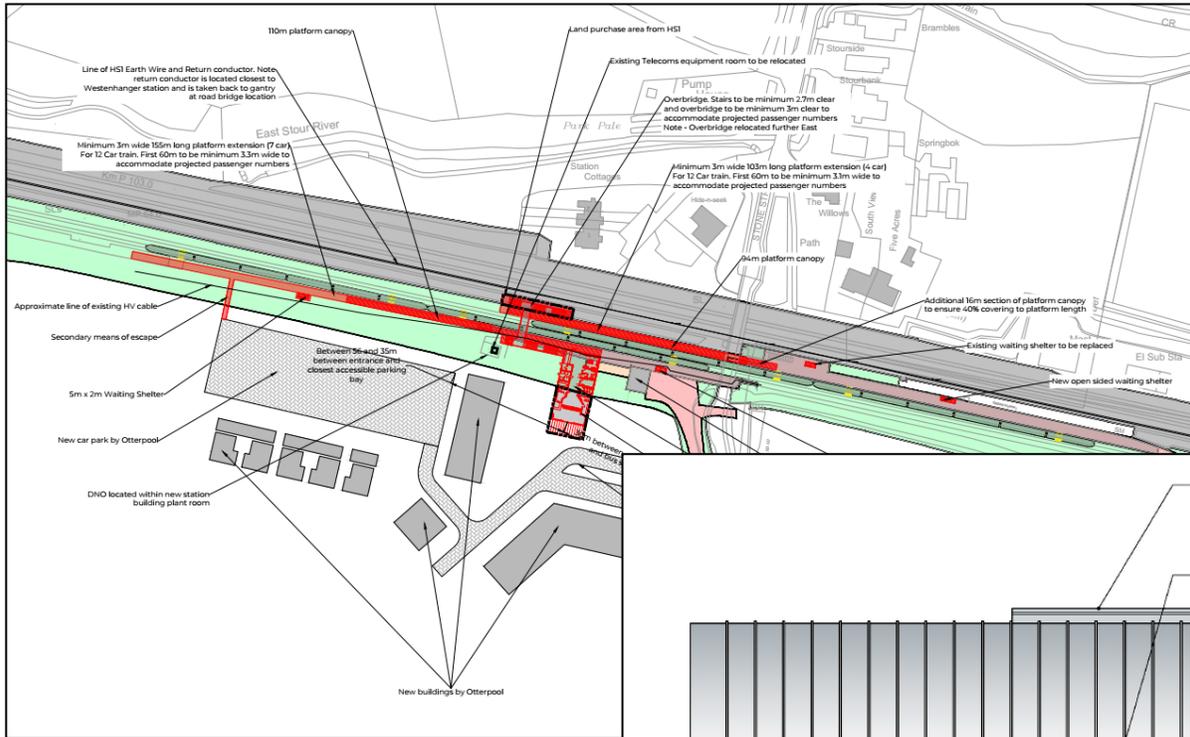
Option 9 (far West)



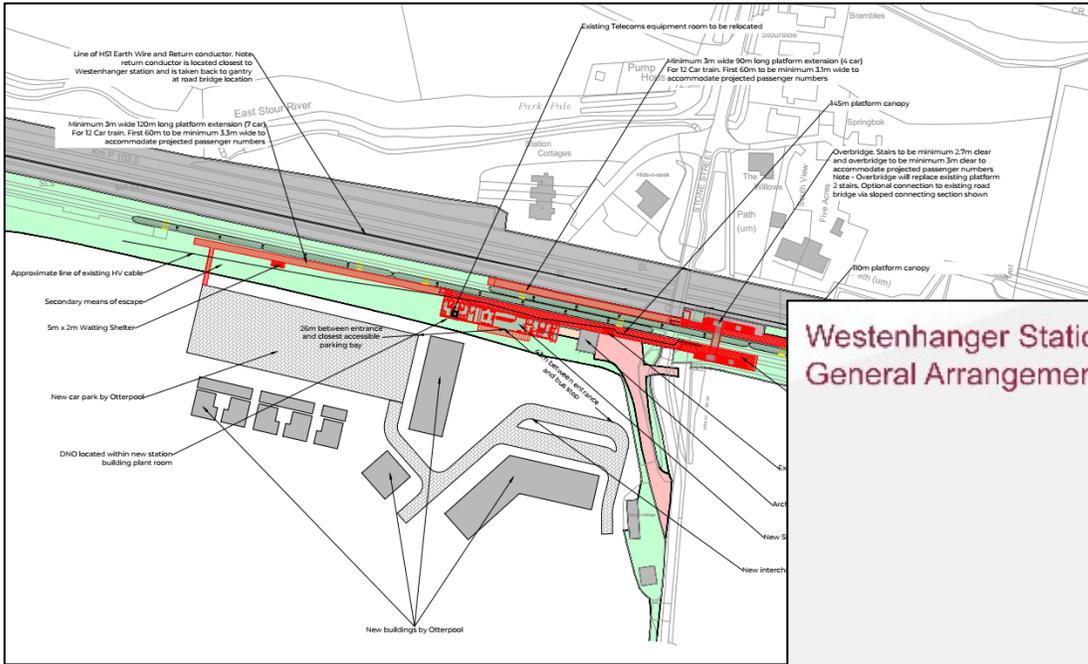
Westenhanger Station
General Arrangement Option 9



Option 4



Option 12



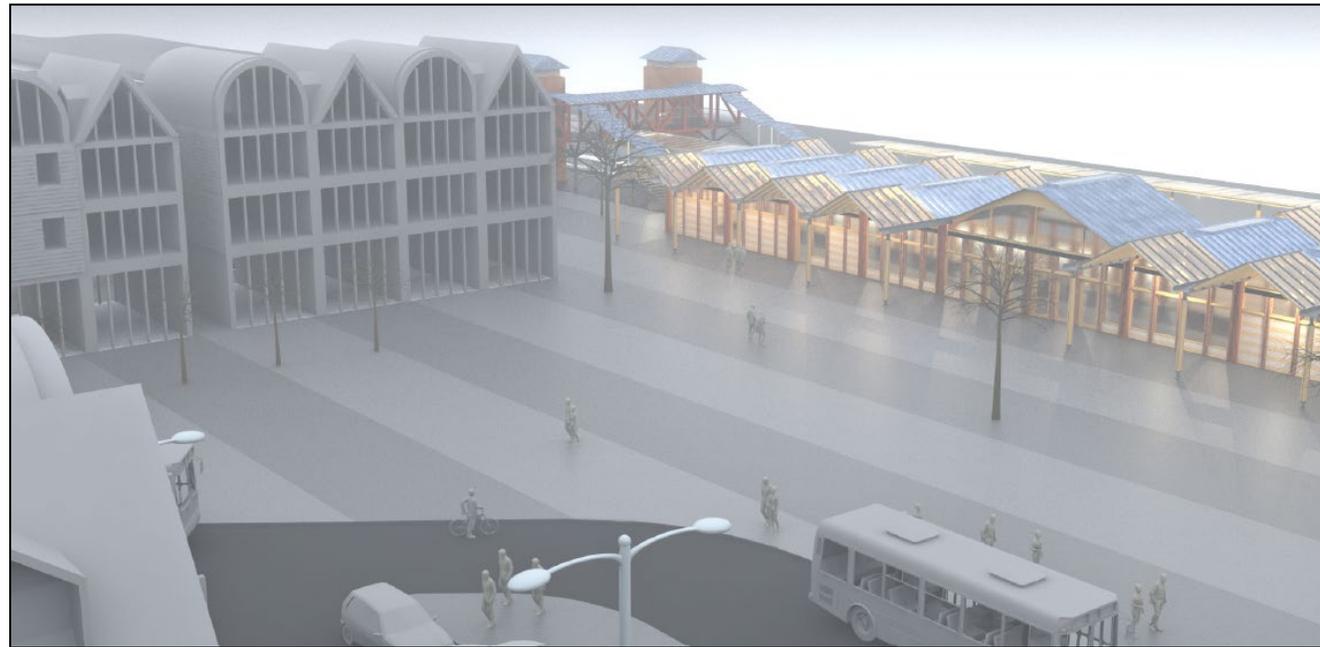
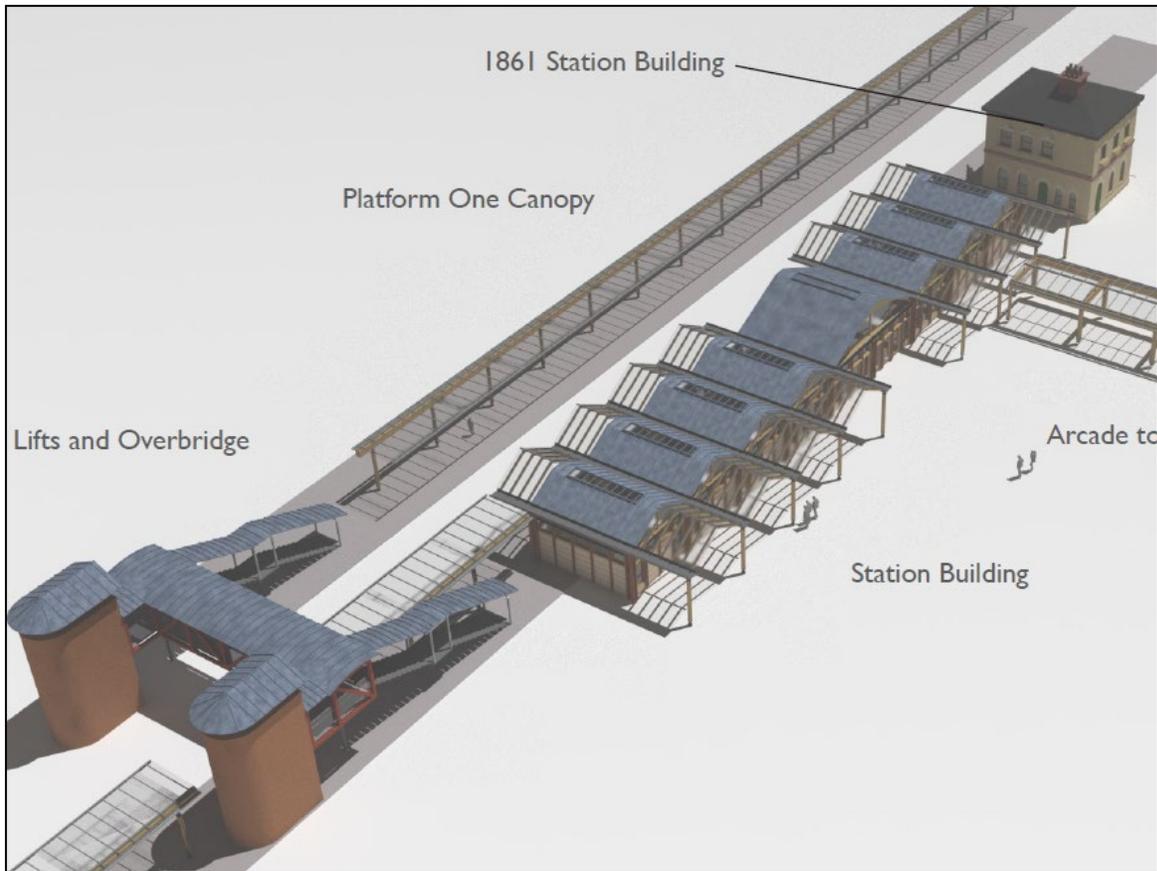
Westenhanger Station
General Arrangement Option 12



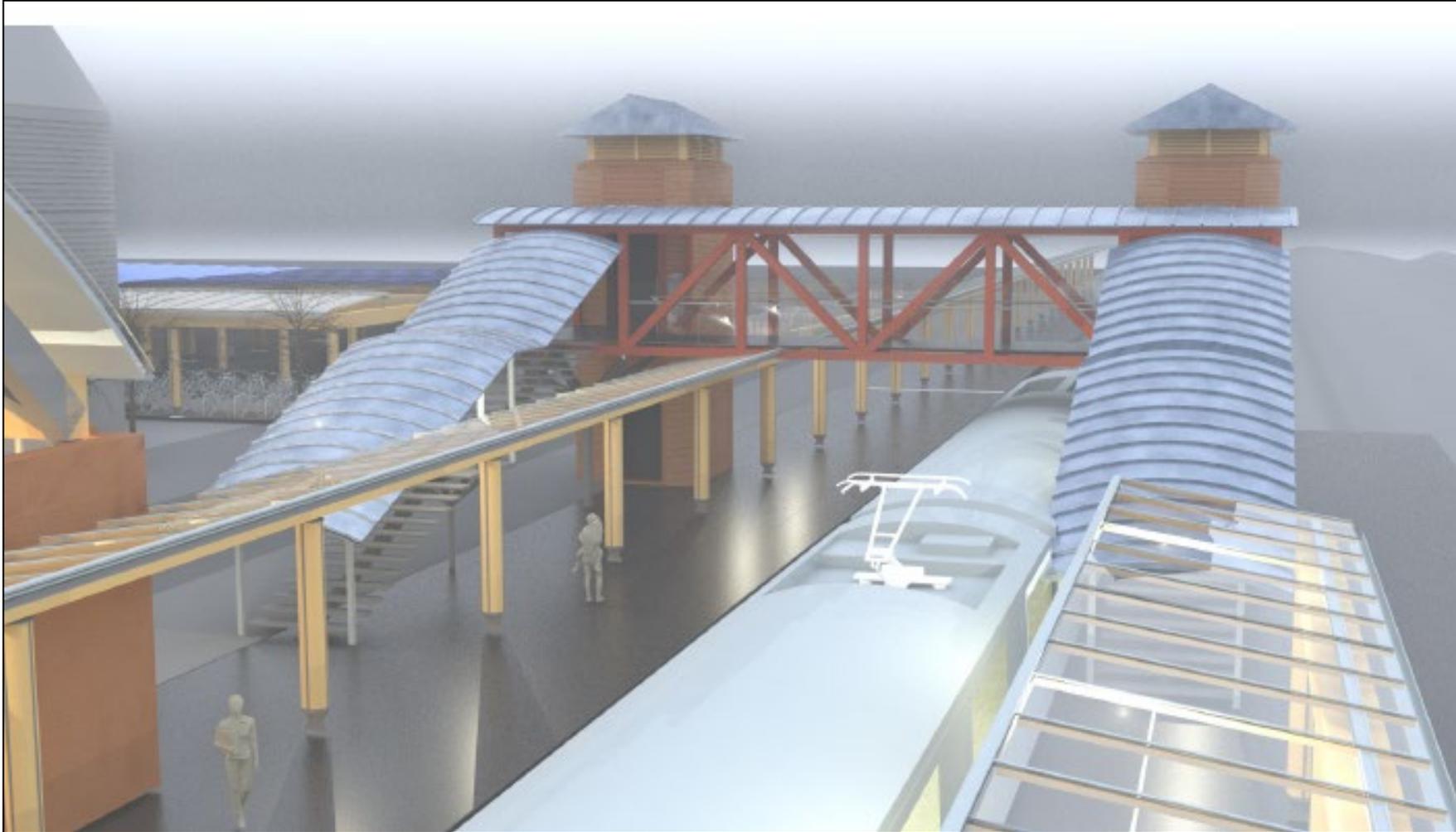
Architecture (flat roof)



Architecture (pitched roof)



Architecture (option for footbridge)



High Speed

- DfT support 'in principle' subject to business case
- SE support new stop in re-worked HS t/t for Kent
- Aim for 2tph peak / 1tph off-peak High Speed
- Under 50 minutes from Otterpool Park to London





Thank you

Any questions?
