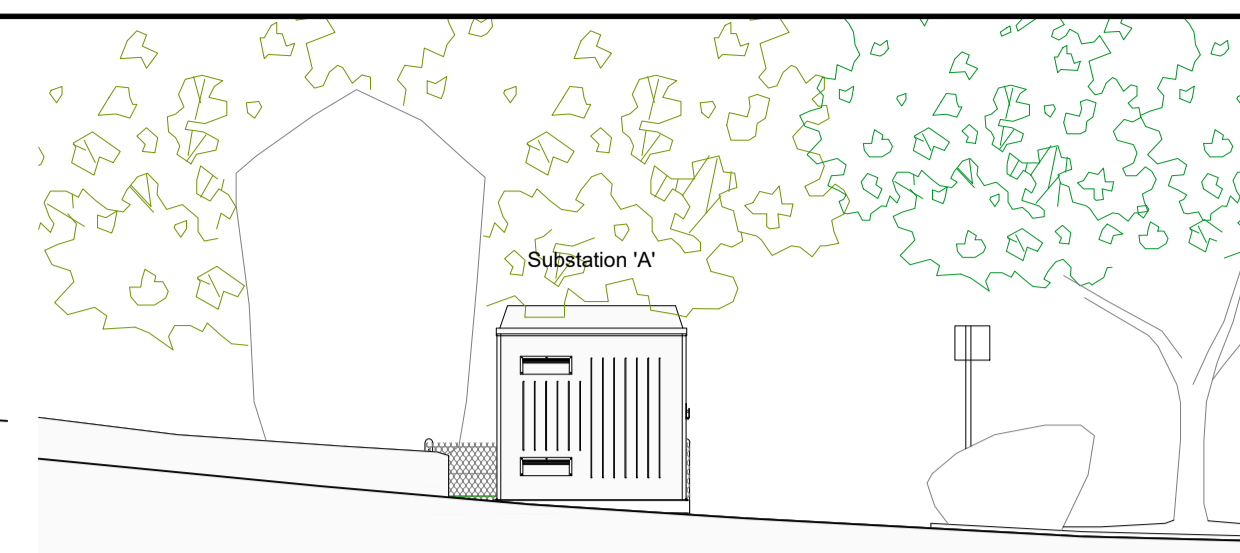
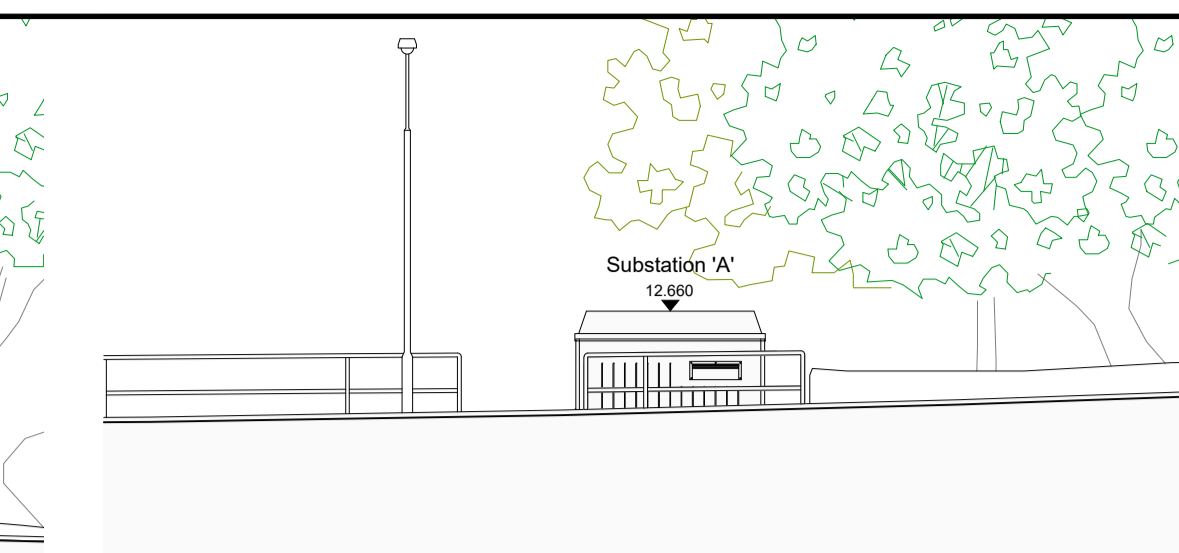


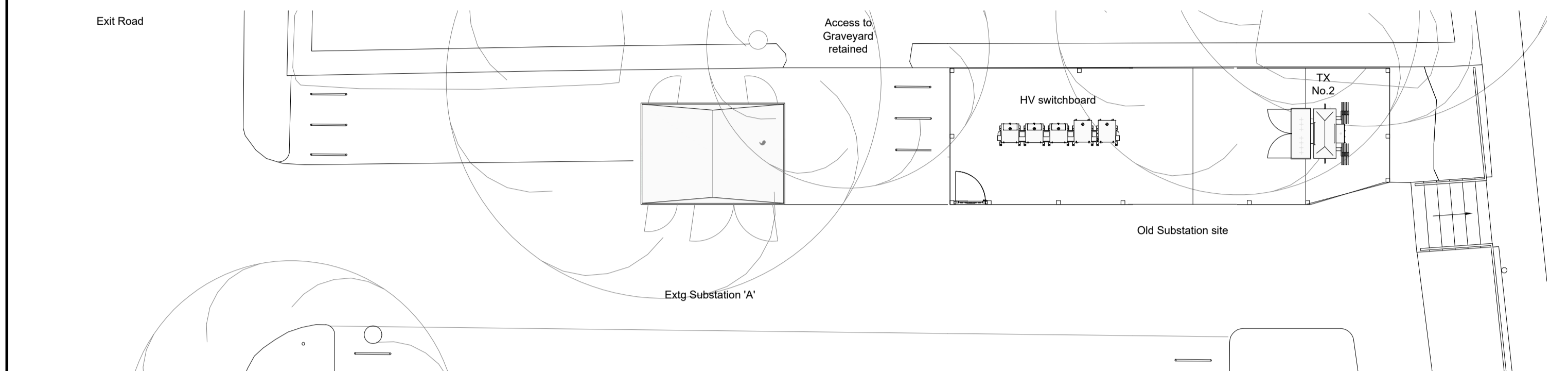
**EXISTING WEST ELEVATION**  
SCALE 1:100



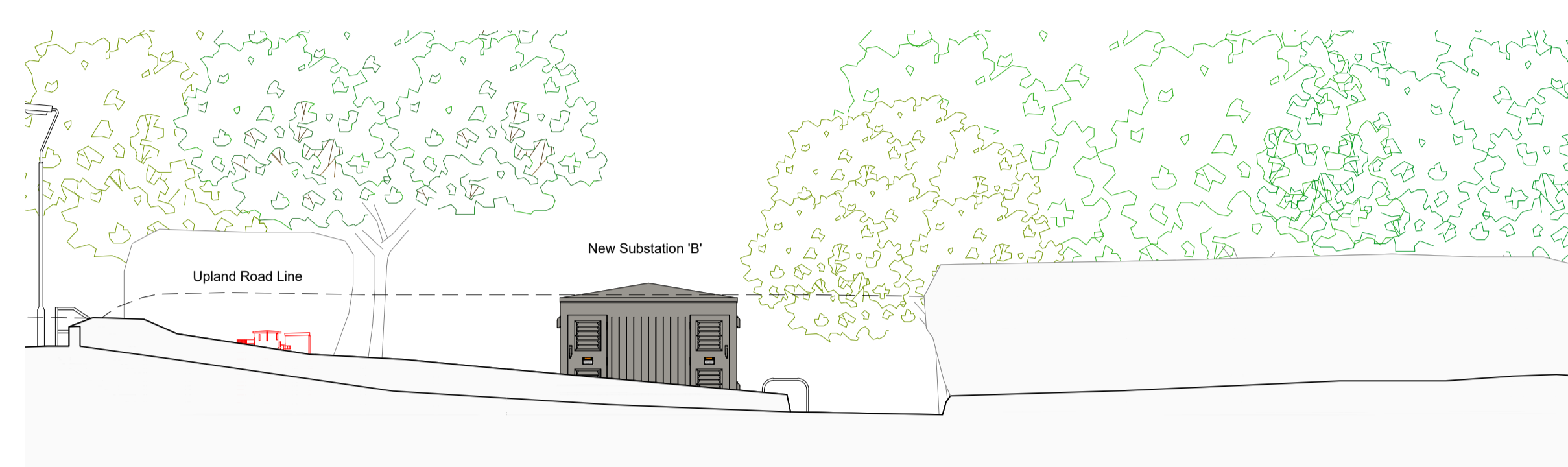
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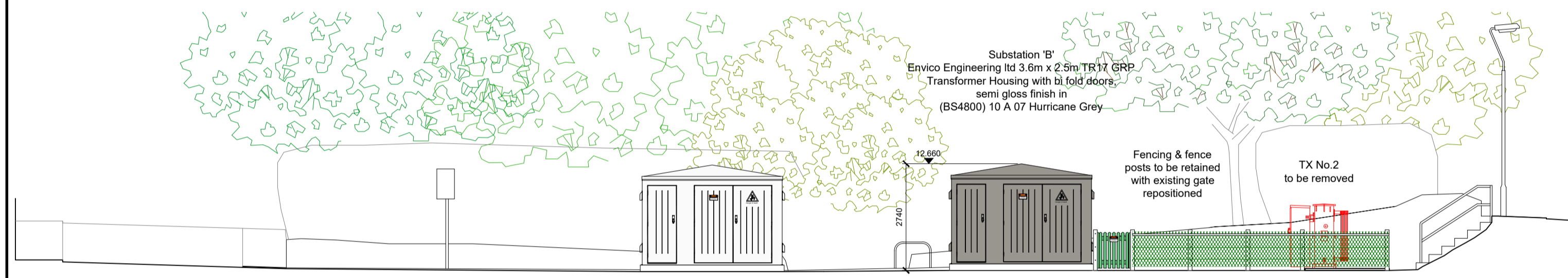
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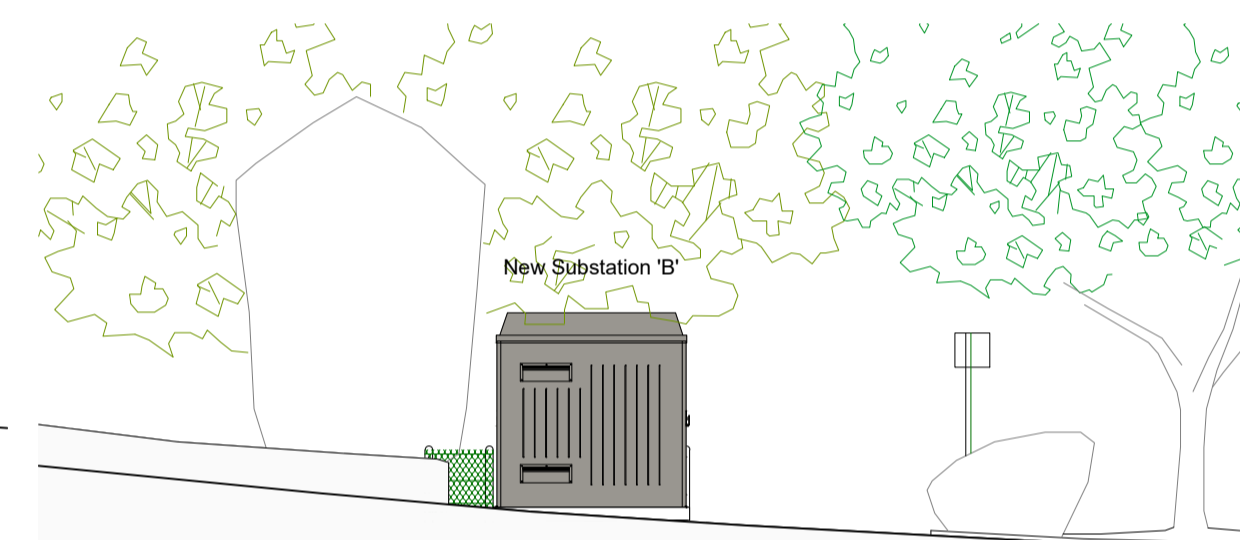
**EXISTING PLAN**  
SCALE 1:100



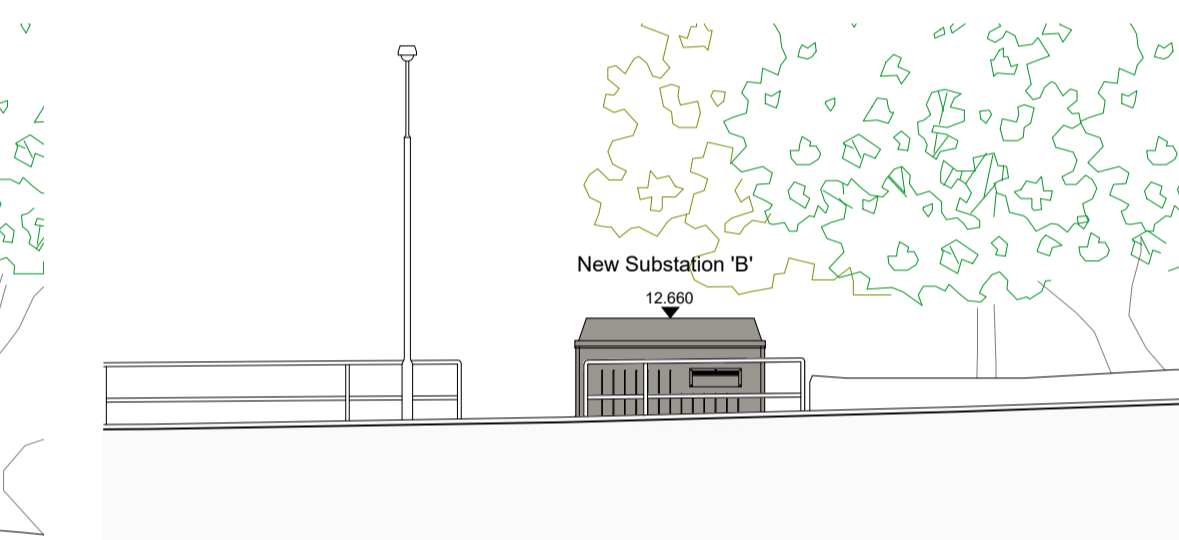
**PROPOSED EAST ELEVATION**  
SCALE 1:100



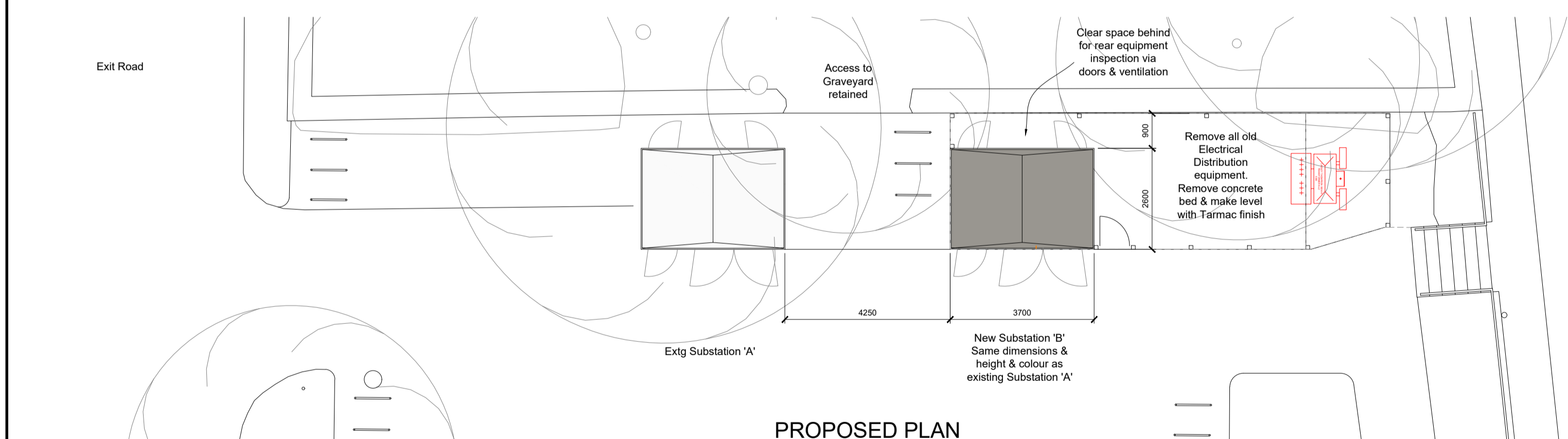
**PROPOSED WEST ELEVATION**  
SCALE 1:100



**PROPOSED NORTH ELEVATION**  
SCALE 1:100



**PROPOSED SOUTH ELEVATION**  
SCALE 1:100



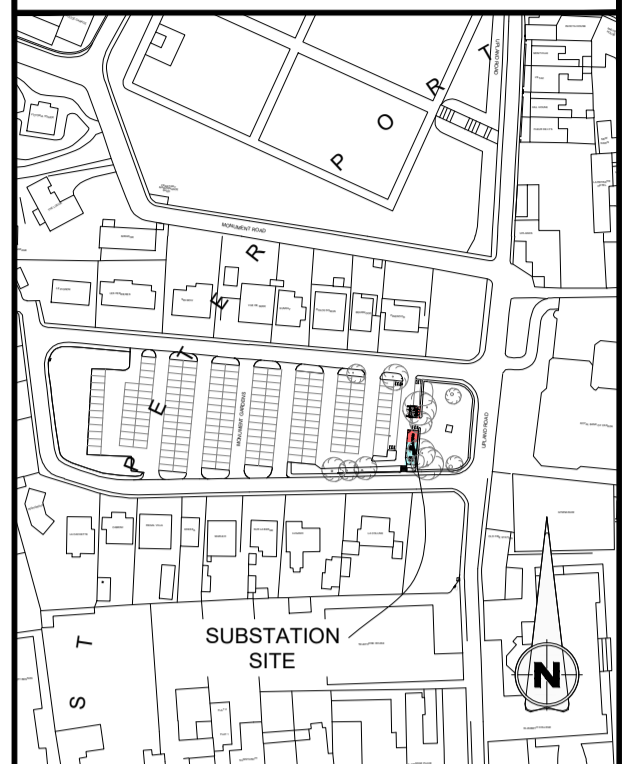
**PROPOSED PLAN**  
SCALE 1:100



**BLOCK PLAN**  
SCALE 1:500

**IF IN DOUBT ASK**

THIS DRAWING IS THE COPYRIGHT OF GUERNSEY ELECTRICITY LTD  
FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS  
ALL DIMENSIONS TO BE CHECKED ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER  
DETAIL AND LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS



**LOCATION PLAN**  
SCALE 1:2500

Island Development Plan 2016  
GP9: Sustainable Development

This information note has been prepared in support of our planning application for replacement of the existing electricity distribution substation Transformer No.2 constructed circa 1987, as part of the Network redevelopment that started with the replacement of Transformer No.1. No.2 Transformer has not failed like Transformer No.1 but is showing signs of wear, such that GEL deems it prudent to be proactive, rather than reactive in terms of equipment replacement

The proposed scheme considers various strategic and legislative parameters as covered in the attached supporting documentation provided separately.

The proposal makes full use of existing site and provides a better and modern solution to what is currently provided.

Maintenance at the site will be undertaken with technicians parking in the car park. Guernsey Electricity has reviewed the network and aerial photography, & concluded there are no viable alternative locations for this asset. The proposed scheme provides a safe and secure working area for our engineers.

The materials proposed in this scheme have been carefully chosen to provide the necessary safety and security as outlined in the attached supporting documentation.

GP17: Public Safety & Hazardous Development

It is proposed to secure the perimeter of the Guernsey Electricity Ltd electrical distribution equipment within an industry specific GRP enclosure, exactly matching the one proposed for Substation 'A', thus preventing unauthorised access and providing necessary environmental and security measures.

IP11: small-scale infrastructure provision

The proposal replaces the existing electrical distribution equipment dating from the 1987 with new modern standard distribution equipment. The major change is in upgrading of the site security & public safety to pass present regulatory requirements by enclosing the site within a GRP Housing.

NOTES

Site Security:  
Envico Engineering Ltd 3.600m x 2.500m TR17 GRP Transformer housing with 1 set of double front doors & a single front door, along with 2 single doors to the rear for equipment inspection & total of 4 nos air vents finished white internally & semi gloss finish in (BS4800) 10 A 07 Hurricane Grey externally, to match GRP Enclosure used at Substation Site 'A'

Equipment:

Transformer: 1MVA CG Power Unit TX weight 3170kg

Switchgear: Schneider Ringmaster extensible RMU weight 300kg & extensible switch weight 250kg

Fuse Cabinet: Lucy Aculok 8 way fuse cabinet

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		Drawing Status		<b>APPROVED</b>
		Discipline		<b>PLANNING</b>



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**ODEON SECONDARY SUBSTATION**  
ODEON CAR PARK, MONUMENT GARDENS,  
ST. PETER PORT, GUERNSEY

**SUBSTATION REDEVELOPMENT**  
PHASE 2:  
**PROPOSED PLANS & ELEVATIONS**

RB	RB 09/03/2020	PLT 09/03/2020
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