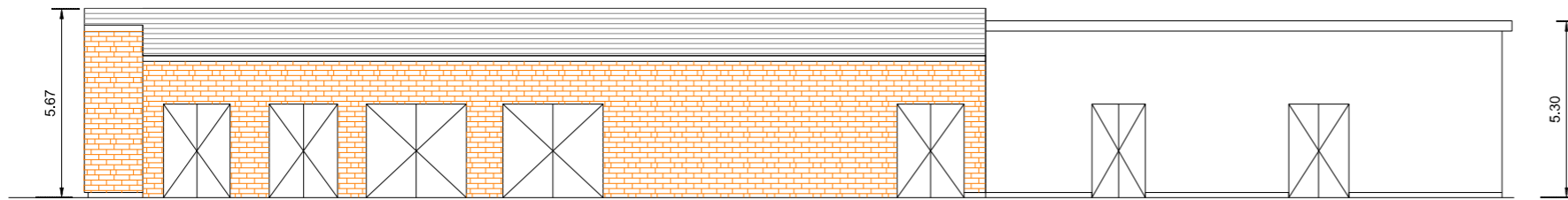
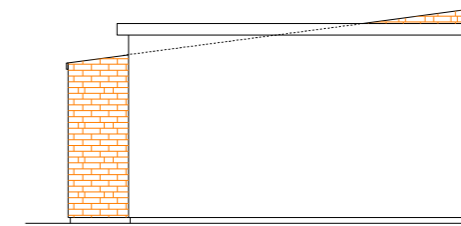


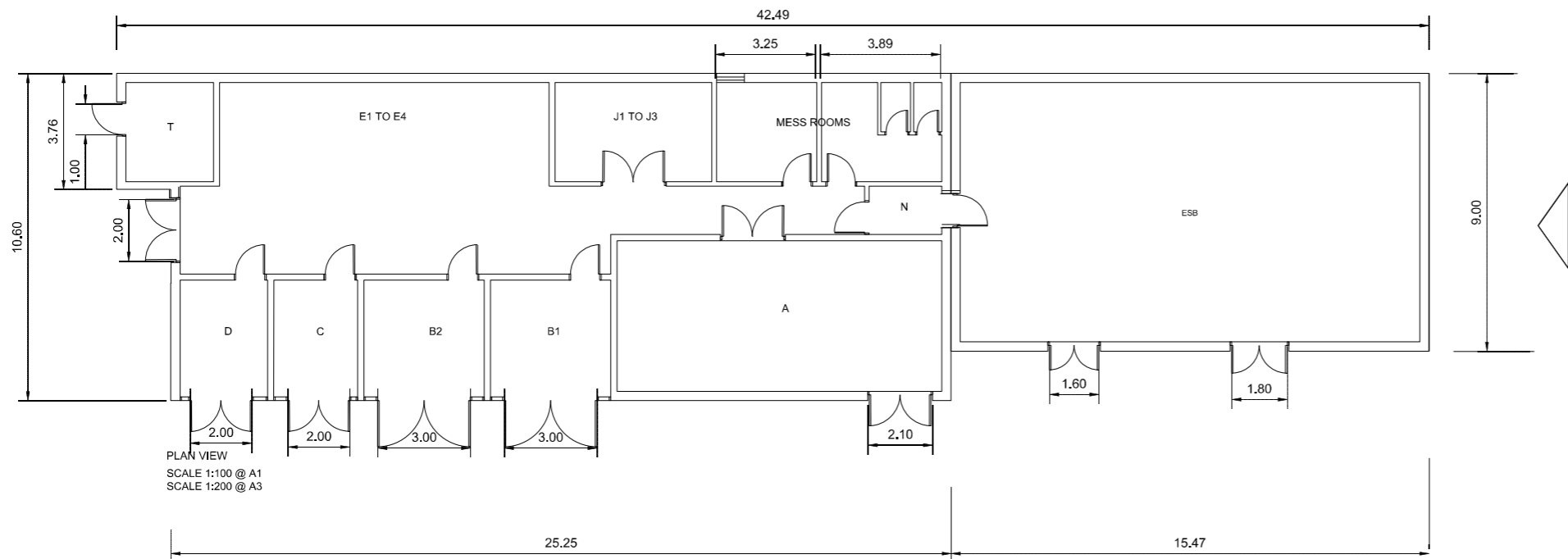
Notes:



FRONT VIEW A
SCALE 1:100 @ A1
SCALE 1:200 @ A3



VIEW B
SCALE 1:100 @ A1
SCALE 1:200 @ A3

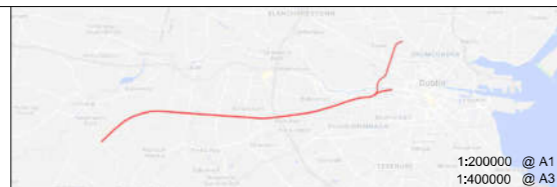


PLAN VIEW
SCALE 1:100 @ A1
SCALE 1:200 @ A3

FRONT VIEW-A

POS.	DESIGNATION
A	HIGH VOLTAGE SWITCHBOARD
B1	TRACTION TRANSFORMER 1
B2	TRACTION TRANSFORMER 2
C	AUXILIARY TRANSFORMER
D	DIESEL GENERATOR
E1	TRACK FEEDER CIRCUIT BREAKERS (HSCB)
E2	RECTIFIER FEEDER BREAKER
E3	RECTIFIER
E4	RECTIFIER RETURN BREAKER
J1	UPS
J2	ESSENTIAL LV PANEL (110 V DC DISTRIBUTION)
J3	BATTERY CABINET
N	ESB METER CABINET
T	TELECOM

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 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).



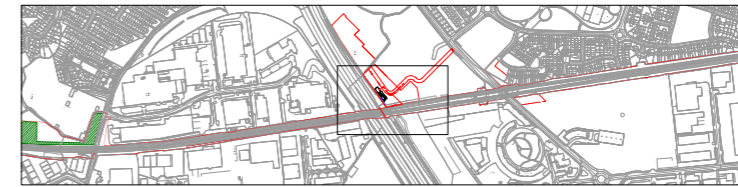
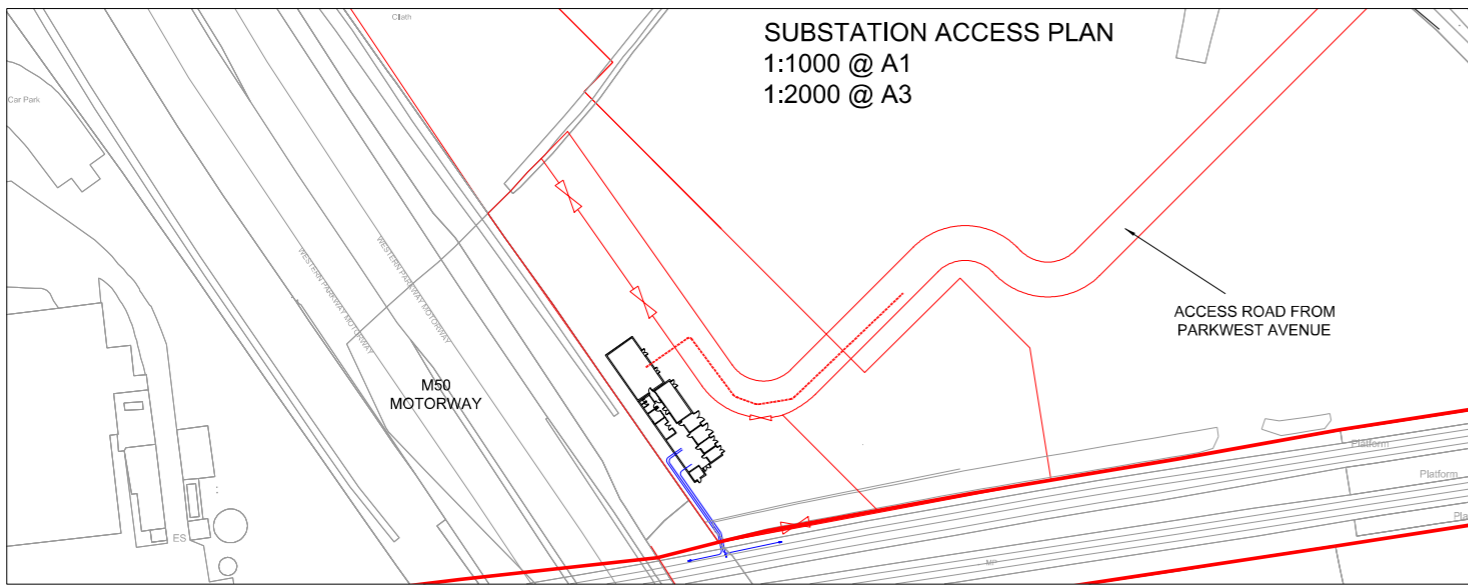
Rev	Date	Drn	Chk'd	App'd	Description
v01	10/11/2022	AA	NF	PT	PLANNING ISSUE

Client Iarnród Éireann Irish Rail		Engineering Designer ATKINS Member of the SNC Lavalin Group	
Date 10/11/2022	Scale AS SHOWN @ A1 @ A3	Drawn AA	Checked NF
Project Code 5195886	Issuer TTA	Approved PT	QMS Code

Project Title DART + SOUTH WEST	Drawing Title PARK WEST SUBSTATION BUILDING PLAN AND ELEVATIONS
Drawing File Name DP-04-23-DWG-RO-TTA-18857	Version v01
Status S3	

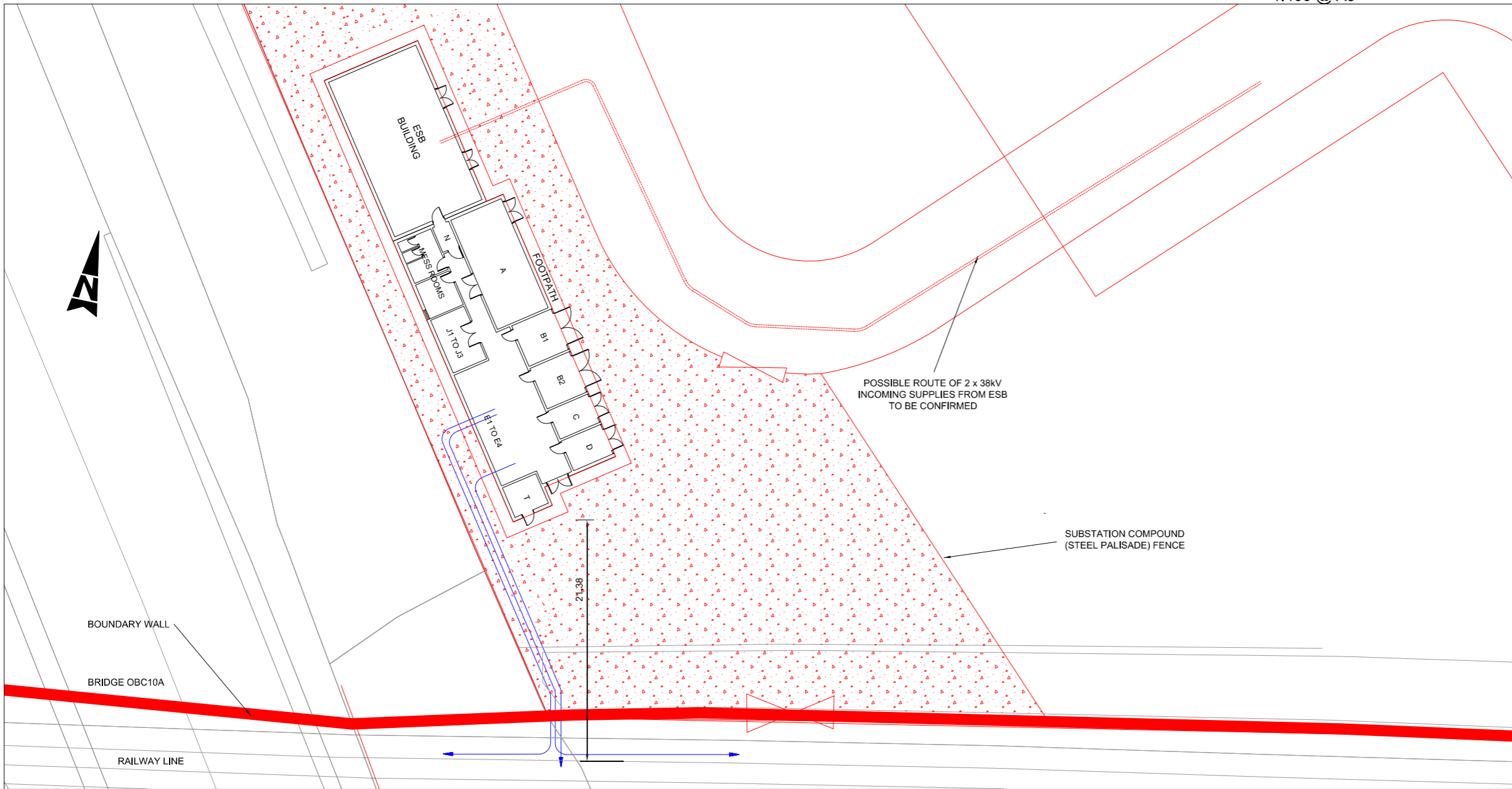
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Drawing1.dwg



SUBSTATION LOCATION PLAN
GRID REFERENCE
 LATITUDE: 53.333944 LONGITUDE: -6.382613

SUBSTATION LAYOUT PLAN
 1:200 @ A1
 1:400 @ A3



Notes:

KEY:
 BLUE - INDICATIVE DC CABLE ROUTE
 RED - NEW EQUIPMENT/LAND BOUNDARIES
 ESB - ELECTRICITY SUPPLY BOARD

POS.	DESIGNATION
A	HIGH VOLTAGE SWITCHBOARD
B1	TRACTION TRANSFORMER 1
B2	TRACTION TRANSFORMER 2
C	AUXILIARY TRANSFORMER
D	DIESEL GENERATOR
E1	TRACK FEEDER CIRCUIT BREAKERS (HSCB)
E2	RECTIFIER FEEDER BREAKER
E3	RECTIFIER
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Rev	Date	Dm	Chk'd	App'd	Description
v01	10/11/2022	AA	NF	PT	PLANNING ISSUE

Client: **Irish Rail** / **lamród Éireann**

Engineering Designer: **ATKINS** / **TYPSA**

Supported by: **rps**

Date: 10/11/2022 Scale: AS SHOWN @ A1 @ A3
 Project Code: 5195886 Issuer: TTA

Drawn: AA Checked: NF Approved: PT
 GMS Code: _____

Project Title	DART + SOUTH WEST		
Drawing Title	PARK WEST SUBSTATION LOCATION PLAN AND LAYOUT		
Drawing File Name	DP-04-23-DWG-RO-TTA-18856	Version	v01
Status	S3		

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