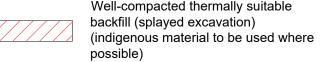
AENC-MMAC-ENG-DWG-0085 Norwich to Tilbury **Volume 2: Plans, Drawings and Sections Document: 2.6.1 Design and Layout Plans - Subs & Cables** Final Issue A Planning Inspectorate Reference: EN020027 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(o) nationalgrid

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE HIGH VOLTAGE CABLE DIRECT BURIED CROSS SECTION AND CONSTRUCTION EASEMENT DRAWING REGULATION 5(2)(o) SHEET 1 OF 1

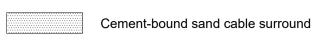


LEGEND

Notes

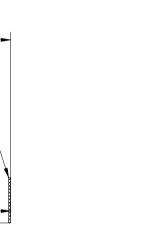
backfill (indigenous material to be used where possible) Well-compacted thermally suitable backfill (splayed excavation)

Well-compacted thermally suitable



Cement-bound sand cable surround (splayed excavation)

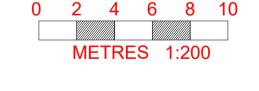
High voltage cable

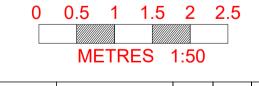


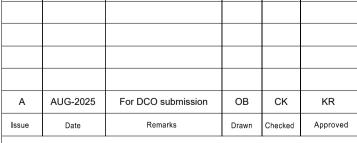
Limits of Deviation within its DCO, within which any final alignment would lie. 2. For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.

1. These plans are illustrative and will sit within the Order Limits. Due to the need for future flexibility. National Grid will be applying for Order Limits and

- 3. All dimensions are approximate and indicated in millimetres (mm) unless noted otherwise.
- 4. This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- 5. The proposed arrangement, including circuit and cable spacing, is shown for illustrative purposes only. Dimensions and the design may vary depending on site and installation conditions.
- 6. The cable construction swathe may reduce in width subject to site constraints. At these locations, associated topsoil and subsoil may be stored elsewhere along the route. It is assumed that soil stockpiles will be locally omitted where the swathe passes through hedgerows or in areas that are otherwise constrained. In particularly constrained areas, the trench spacing could be reduced by using vertical excavations and appropriate temporary works. However, this approach is not recommended for all locations as battered excavations will substantially aid efficiency of construction.
- 7. Haul road dimensions and depths are subject to
- 8. Drainage details are shown illustratively. Requirements are subject to site conditions and construction methodology.
- 9. Installation of high voltage cables, ducts and associated communications cables shall be in accordance with the relevant National Grid standards and technical specifications.
- 10. A "bypass" haul road is required on a location-specific basis to provide parallel access to overhead lines outside the underground cable working area. In these locations, the widths will be in accordance with the Illustrative Haul Road Cross Section drawing.
- 11. Offset between perimeter fence and bund allows for spacing of other features to change as a result of varying site conditions without affecting the overall swathe width.





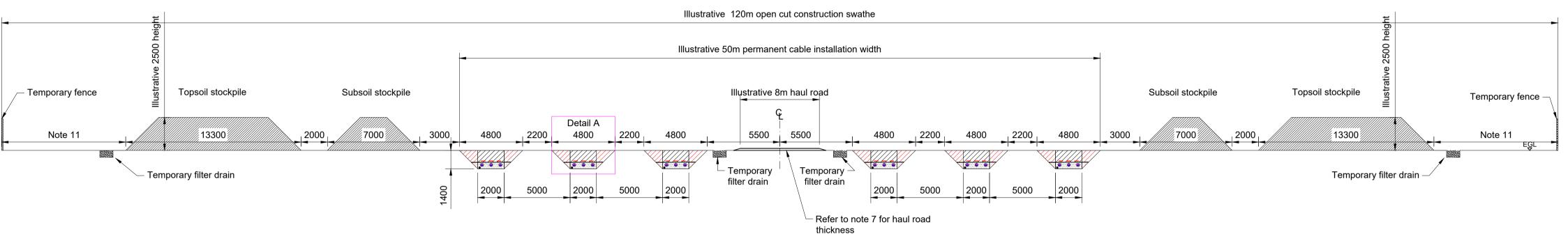


THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLIUSTRATIVE HIGH VOLTAGE CABLE DIRECT BURIED CROSS SECTION AND CONSTRUCTION EASEMENT DRAWING REGULATION 5(2)(o) SHEET 1 OF 1

nationalgrid

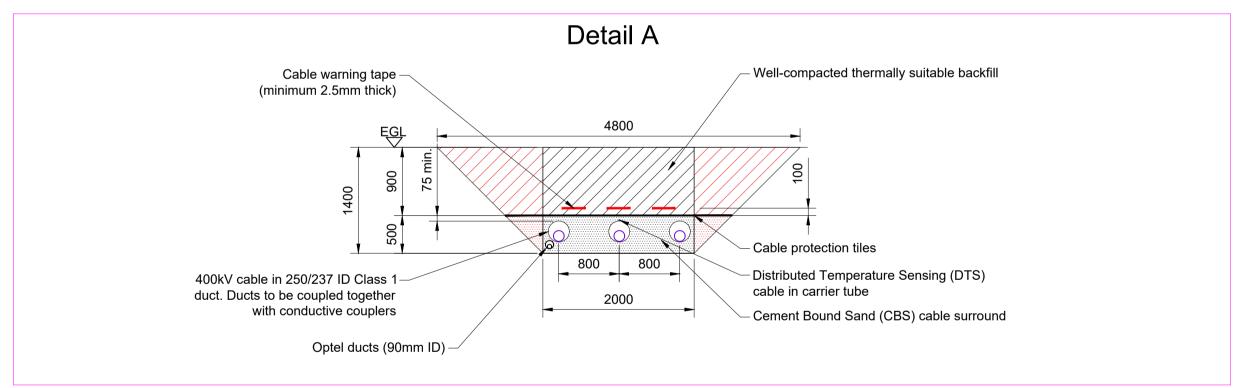
PINS Application Number EN020027 National Grid Drawing Reference

AENC-MMAC-ENG-DWG-0085-01 A1 SHEET 1 OF 1 A



Illustrative swathe for open cut construction for 400kV cabling works

1:200



Illustrative direct buried cable trench cross-section

SHEET 1 OF 1

Application Document 2.6.1

LEGEND

Hard standing/gravel surface

Construction equipment/area

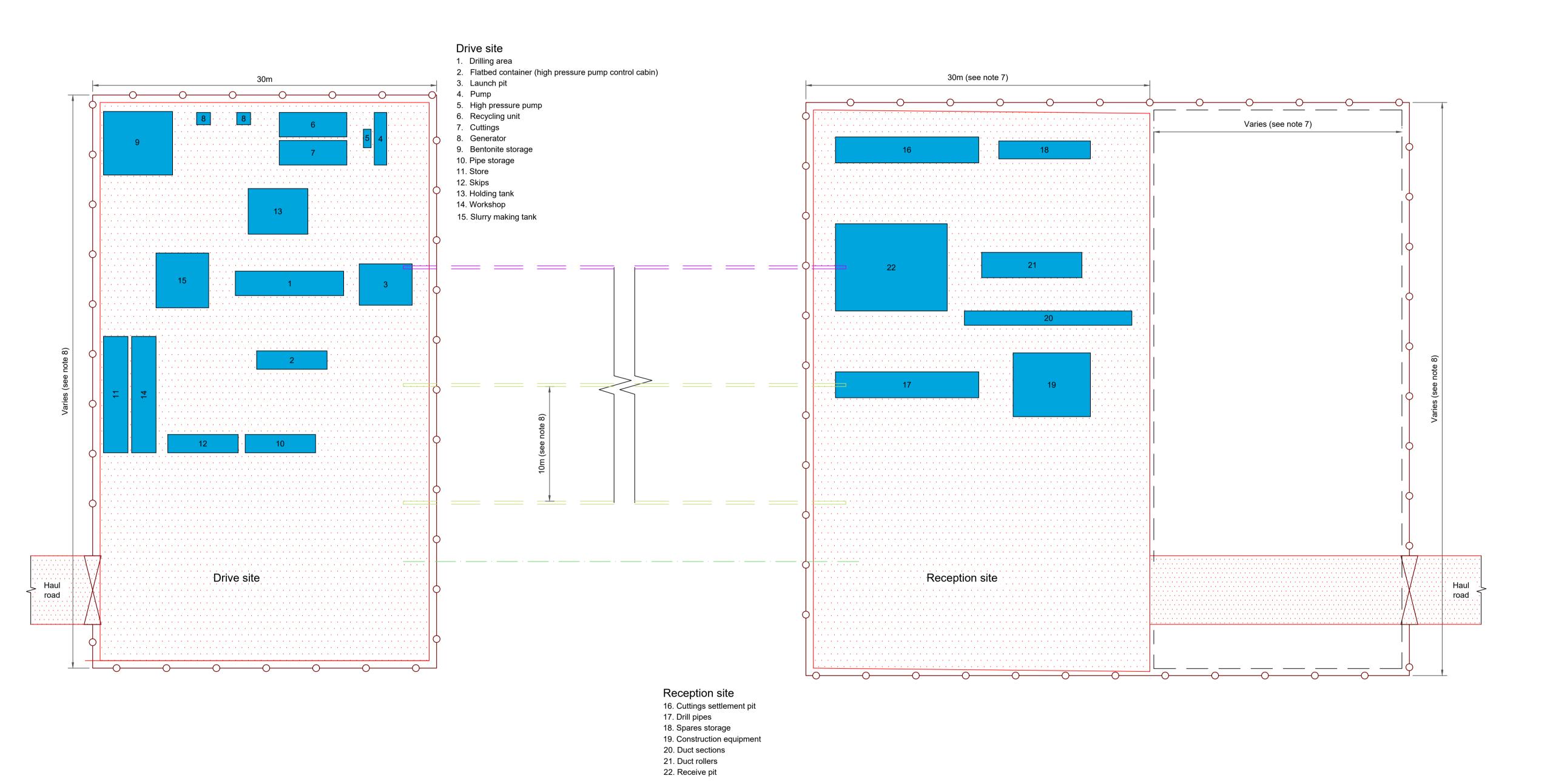
Temporary fence

Cable duct (being installed)

Cable duct (installed)

Temporary gate

Comms cable/duct



Illustrative HDD construction compound layout

Notes

- These plans are illustrative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie.
- For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
- 3. All dimensions are approximate and indicated in metres (m) unless noted otherwise.
- 4. This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- cable spacing, is shown for illustrative purposes only.
 Dimensions and the design may vary depending on site and installation conditions.

The proposed arrangement, including circuit and

- 6. Temporary topsoil/subsoil bunding is not shown on drawing.
- 7. Compound width may vary subject to length of crossing and handling area needed.
- 8. This is an illustrative layout for Horizontal Directional Drilling of three cables. Installation of the proposed 18 cables will require a working area of approximately 180m, allowing for a typical separation of 10m between each cable. The spacing may increase/decrease (within the underground cable Limits of Deviation) as the design is developed.
- 9. Horizontal Directional Drilling (HDD) is shown as the baseline method of trenchless installation. However, various other trenchless installation methods are available. The selected method will vary by location to suit the detailed design and design conditions.
- 10. Cable winch locations are not shown on drawing as there is assumed sufficient space within the cable corridor to accommodate this.
- Drilling area, mud pit and associated construction equipment will move to suit each new drill position.
- 12. Installation of high voltage cables, ducts and associated communications cables shall be in accordance with the relevant National Grid standards and technical specifications and the requirements of the organisation with responsibility for the feature being crossed.
- Refer to drawing AENC-MMAC-ENG-DWG-0085-02 (document 2.6.1) for the illustrative trenchless crossing standard detail.

0 2 4 6 8 10 METRES 1:200

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Issue	Date	Remarks	Drawn	Checked	Approved

Title

1:200

THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
ILLUSTRATIVE PRIMARY HDD LAUNCHING AND
RECEPTION WORKSITE LAYOUT
REGULATION 5(2)(0)
SHEET 1 OF 1

nationalgrid

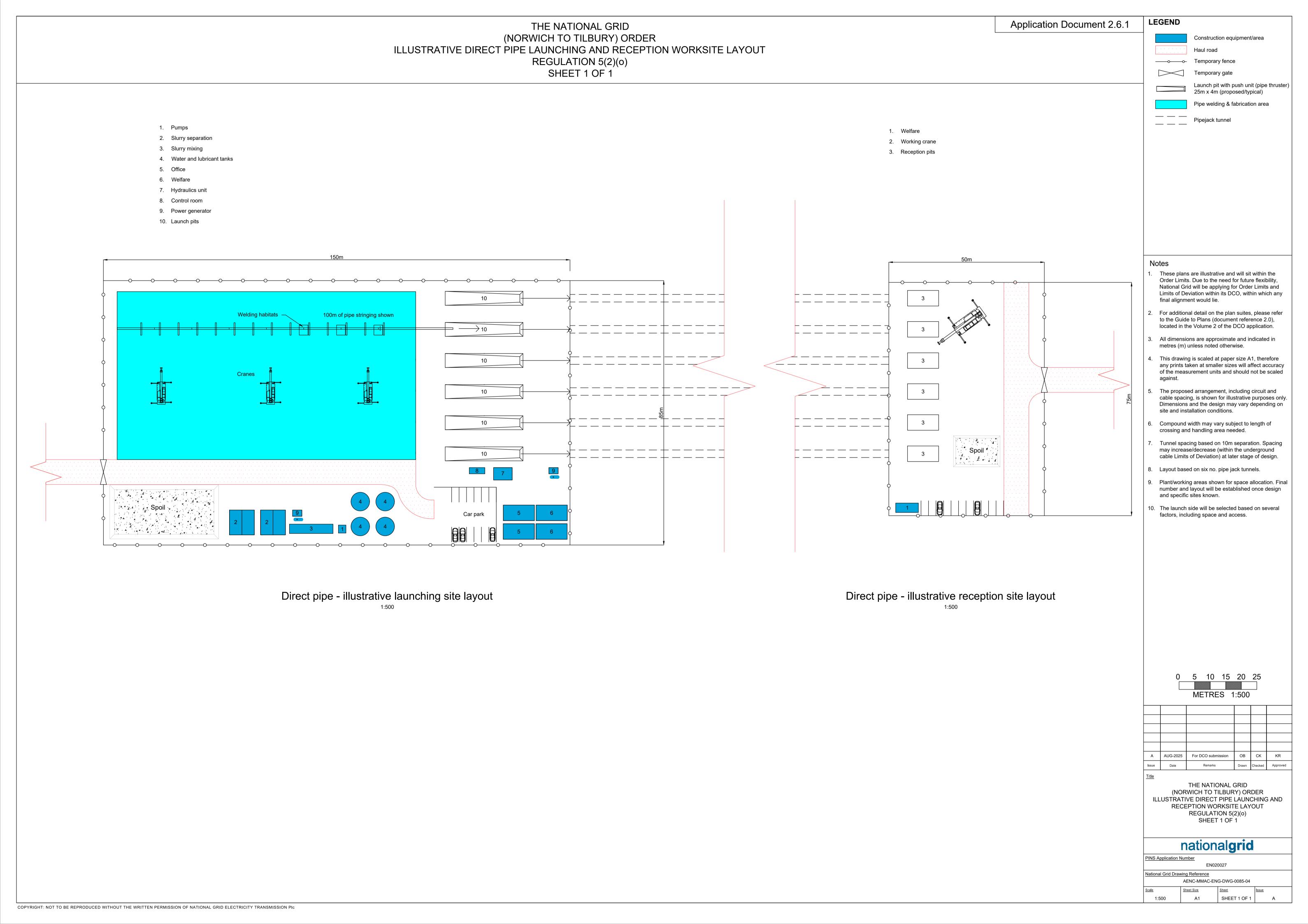
PINS Application Number

EN020027

National Grid Drawing Reference

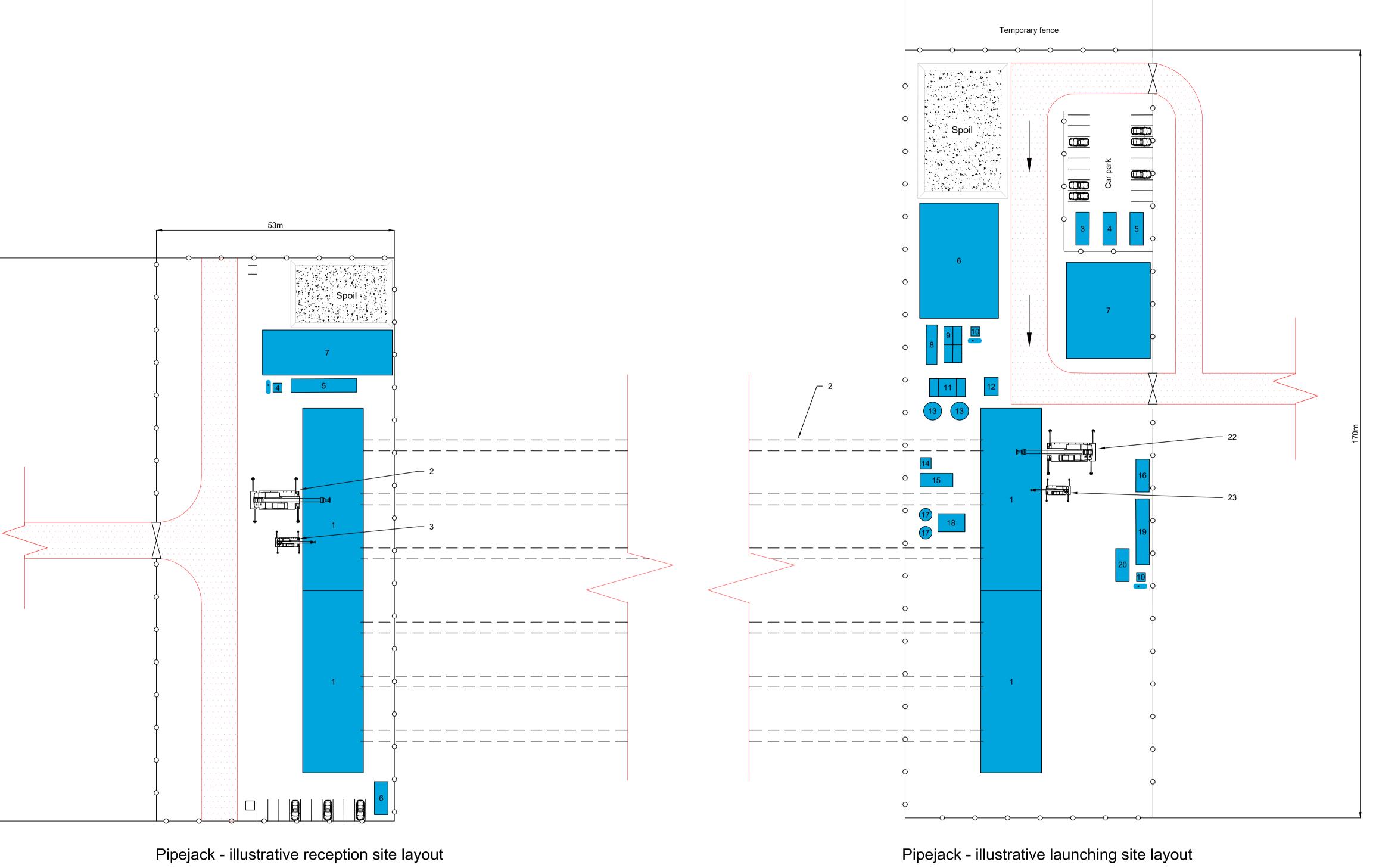
AENC-MMAC-ENG-DWG-0085-03

SHEET 1 OF 1



Application Document 2.6.1

LEGEND Construction equipment/area Haul road ——o——o— Temporary fence Temporary gate Pipejack tunnel



SHEET 1 OF 1

1. Launching box area

2. Pipejack tunnel

3. Showers and toilets

Welfare

Office

6. General storage area 7. Slurry, bentonite pipes and other general storage

8. Slurry separation

Slurry mixing

10. Power generator

11. Separation tanks

12. Skip

13. Water and lubrication tanks

14. Pumps

15. Ventilation plant

55m

16. Control room

17. Lubrication mixing 18. Hydraulics unit

19. Workshop

20. Shelter and COSHH shed

21. Illustrative tunnel alignment

22. Working crane

23. Rescue crane

Notes

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- For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
- All dimensions are approximate and indicated in metres (m) unless noted otherwise.
- 1. This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled
- cable spacing, is shown for illustrative purposes only. Dimensions and the design may vary depending on site and installation conditions.

The proposed arrangement, including circuit and

- Compound width may vary subject to length of crossing and handling area needed.
- Tunnel spacing based on 10m separation. Spacing may increase/decrease (within the underground cable Limits of Deviation) at later stage of design.
- 8. Layout based on six no. pipe jack tunnels.
- 9. Plant/working areas shown for space allocation. Final number and layout will be established once design and specific sites known.
- 10. The launch side will be selected based on several factors, including space and access.

0 5 10 15 20 25 METRES 1:500

Α	AUG-2025	For DCO submission	ОВ	СК	KR
Issue	Date	Remarks	Drawn	Checked	Approved

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE PIPEJACK LAUNCHING AND RECEPTION WORKSITE LAYOUT REGULATION 5(2)(o) SHEET 1 OF 1

nationalgrid

PINS Application Number EN020027 National Grid Drawing Reference AENC-MMAC-ENG-DWG-0085-05 SHEET 1 OF 1 1:500

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1. Reception box area

4. Diesel Tank and Generator

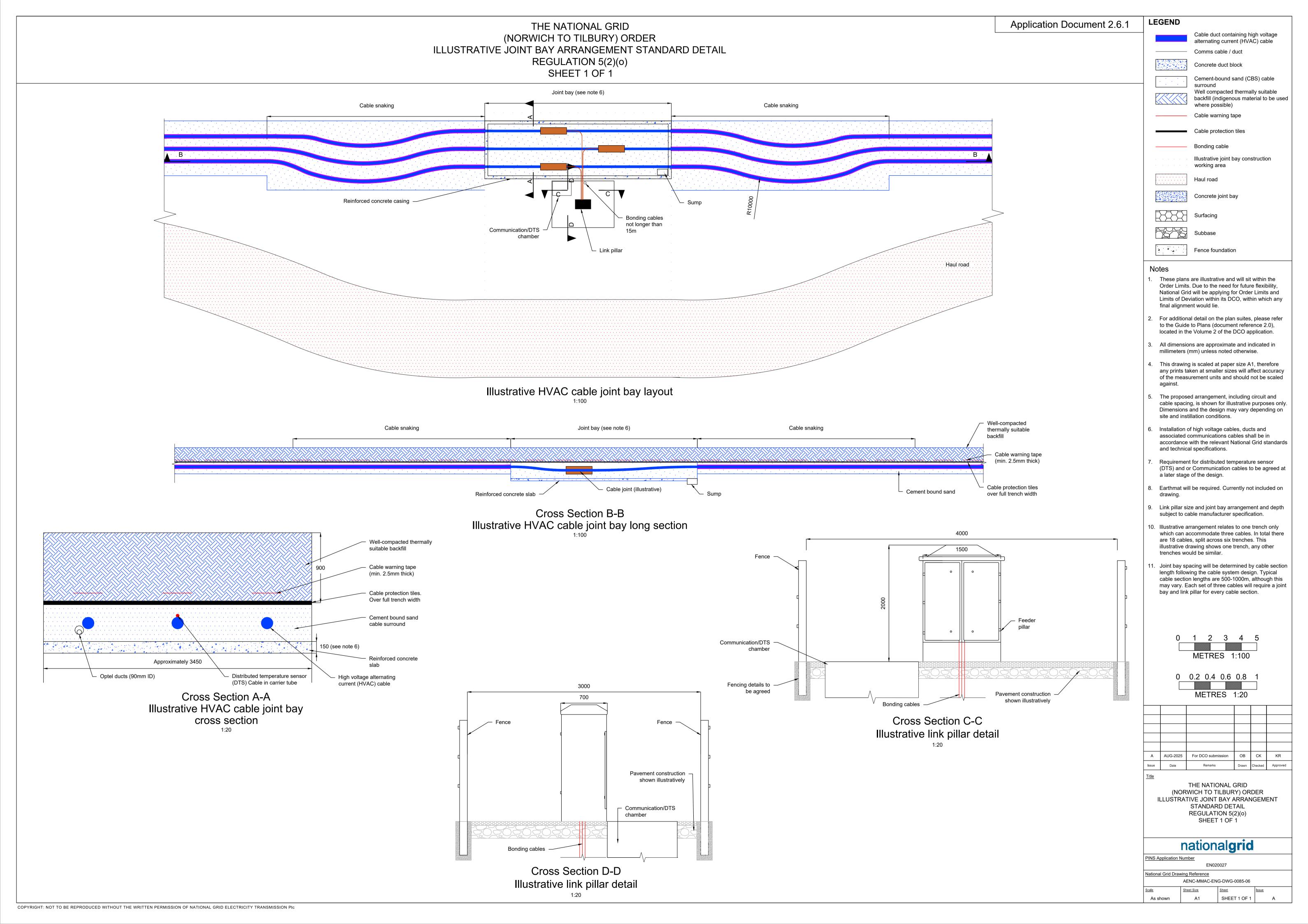
7. General Storage Area

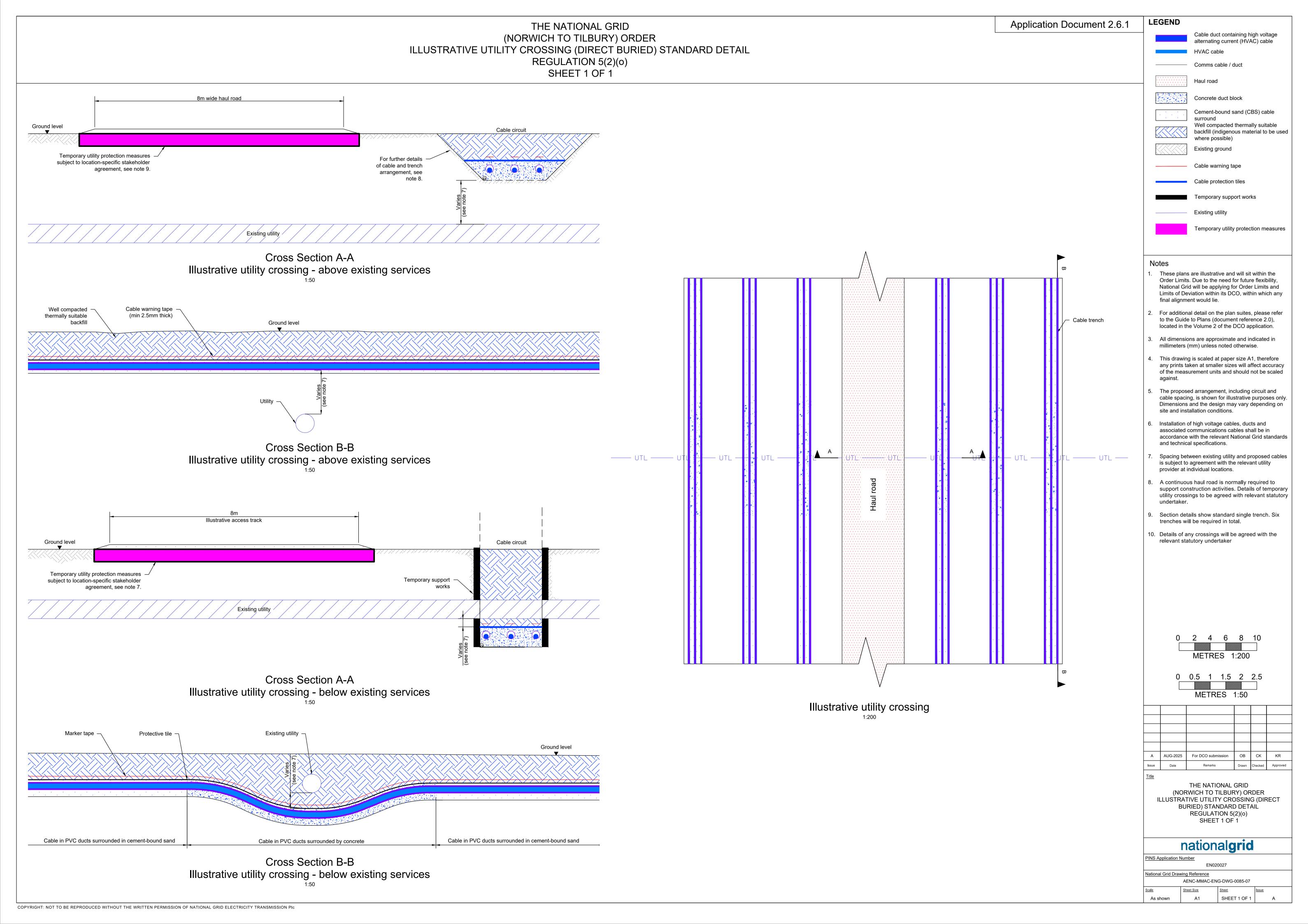
Working crane

3. Rescue crane

5. Work Shop

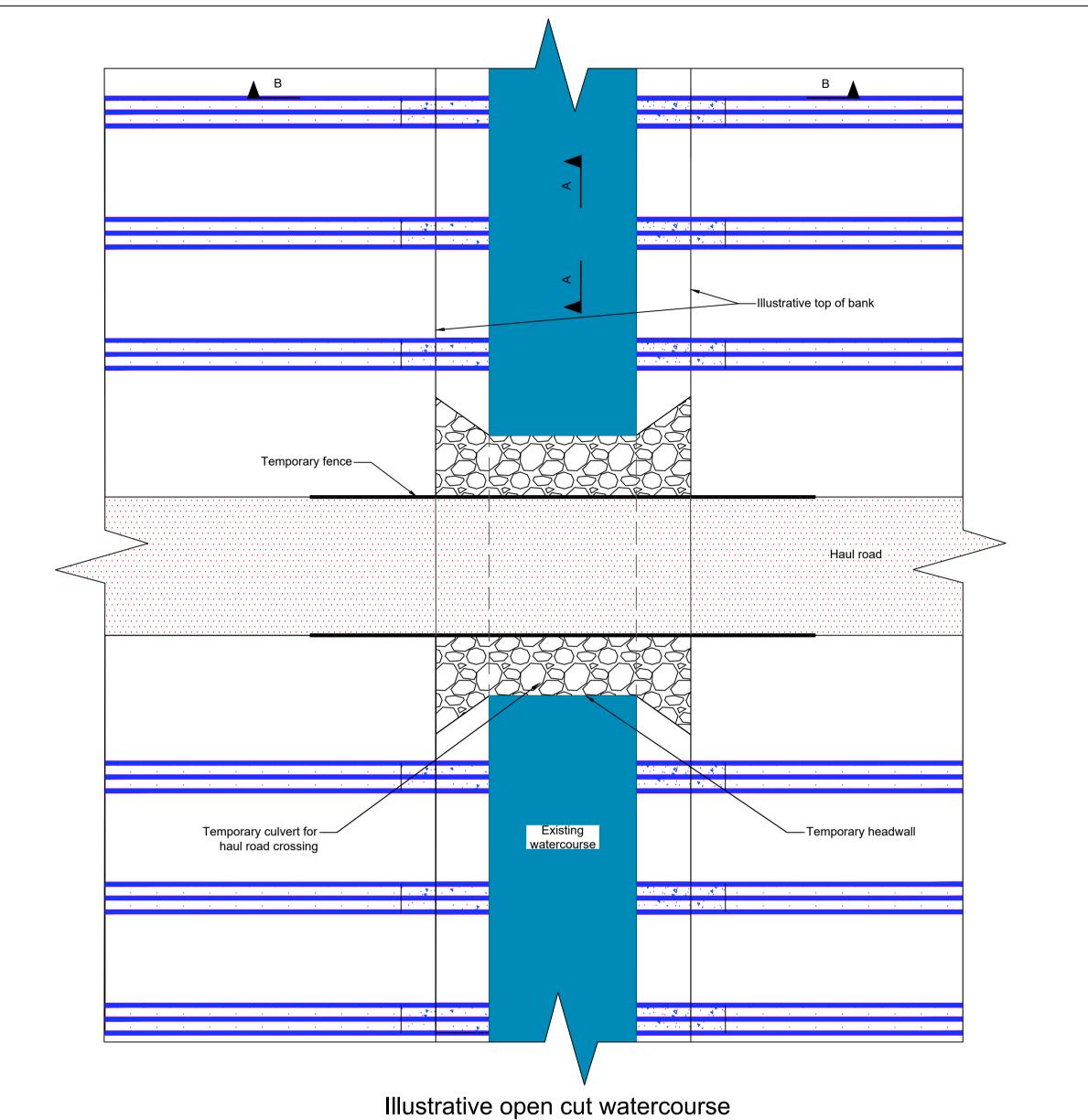
6. Welfare



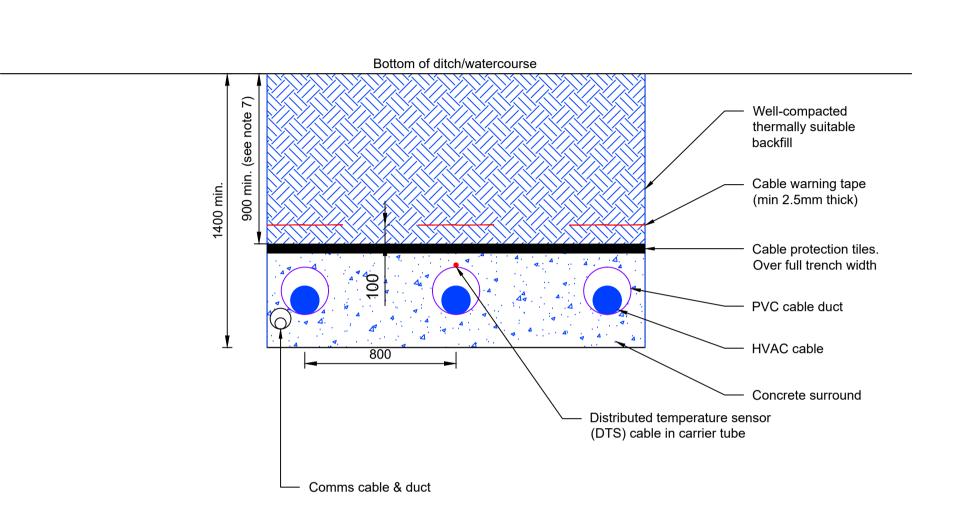


THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE DUCTED WATERCOURSE CROSSING STANDARD DETAIL REGULATION 5(2)(o)

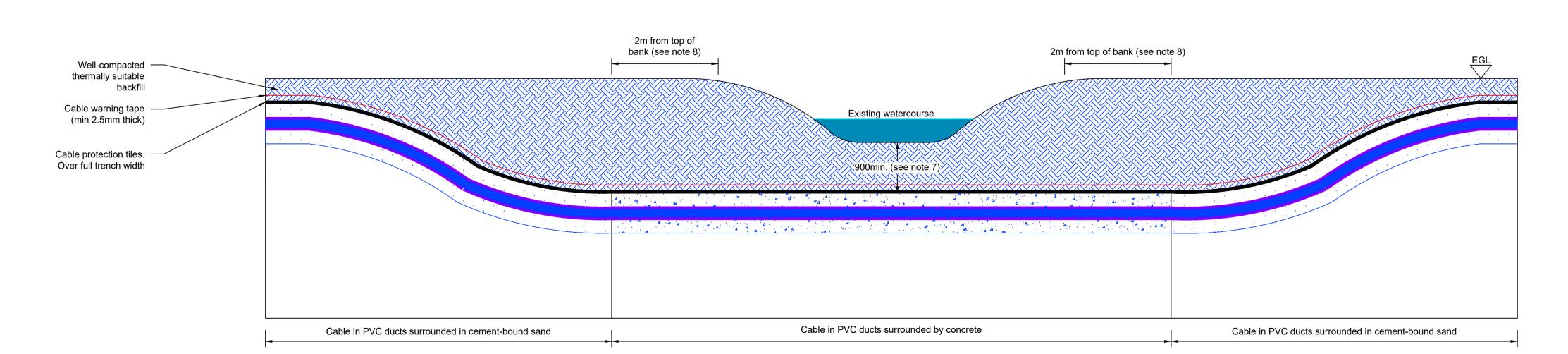
SHEET 1 OF 1



crossing



Cross Section A-A Illustrative ducted cable cross section at watercourse (one trench)



Cross Section B-B Illustrative ducted cable long section at watercourse (one trench)

Granular material

LEGEND

Cable duct containing high voltahe

alternating current (HVAC) Cable

Cement-bound sand (CBS) cable

Well compacted thermally suitable backfill (indigenous material to be used

Comms cable / duct

Concrete duct block

where possible) Cable warning tape

Cable protection tiles

Watercourse

Haul road

Notes

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- For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
- All dimensions are approximate and indicated in millimeters (mm) unless noted otherwise.
- . This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled
- The proposed arrangement, including circuit and cable spacing, is shown for illustrative purposes only. Dimensions and the design may vary depending on site and installation conditions.
- Installation of high voltage cables, ducts and associated communications cables shall be in accordance with the relevant National Grid standards and technical specifications.
- Depth between top of watercourse and top of cable protection tiles to be agreed with relevant stakeholders.
- Concrete duct block length to extend by approximately two meters beyond top of bank. Subject to agreement with relevant stakeholders, cement bound sand surround may be used at the watercourse crossings instead of concrete. This is to be assessed at later stage of design.
- Comms cable / duct currently shown illustratively in trench cross section. Exact location to be agreed at a later stage of design.
- 10. Crossing methodology to be agreed with relevant authority.
- 11. Refer to drawing AENC-LSTC-ENG-DWG-0004-11 (document reference 2.6.2) for the illustrative culvert construction details.



0 0.5 1 1.5 2 2.5 METRES 1:50 0 0.2 0.4 0.6 0.8 1

METRES 1:20

Α	AUG-2025	For DCO submission	ОВ	СК	KR
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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE DUCTED WATERCOURSE CROSSING STANDARD DETAIL REGULATION 5(2)(o) SHEET 1 OF 1

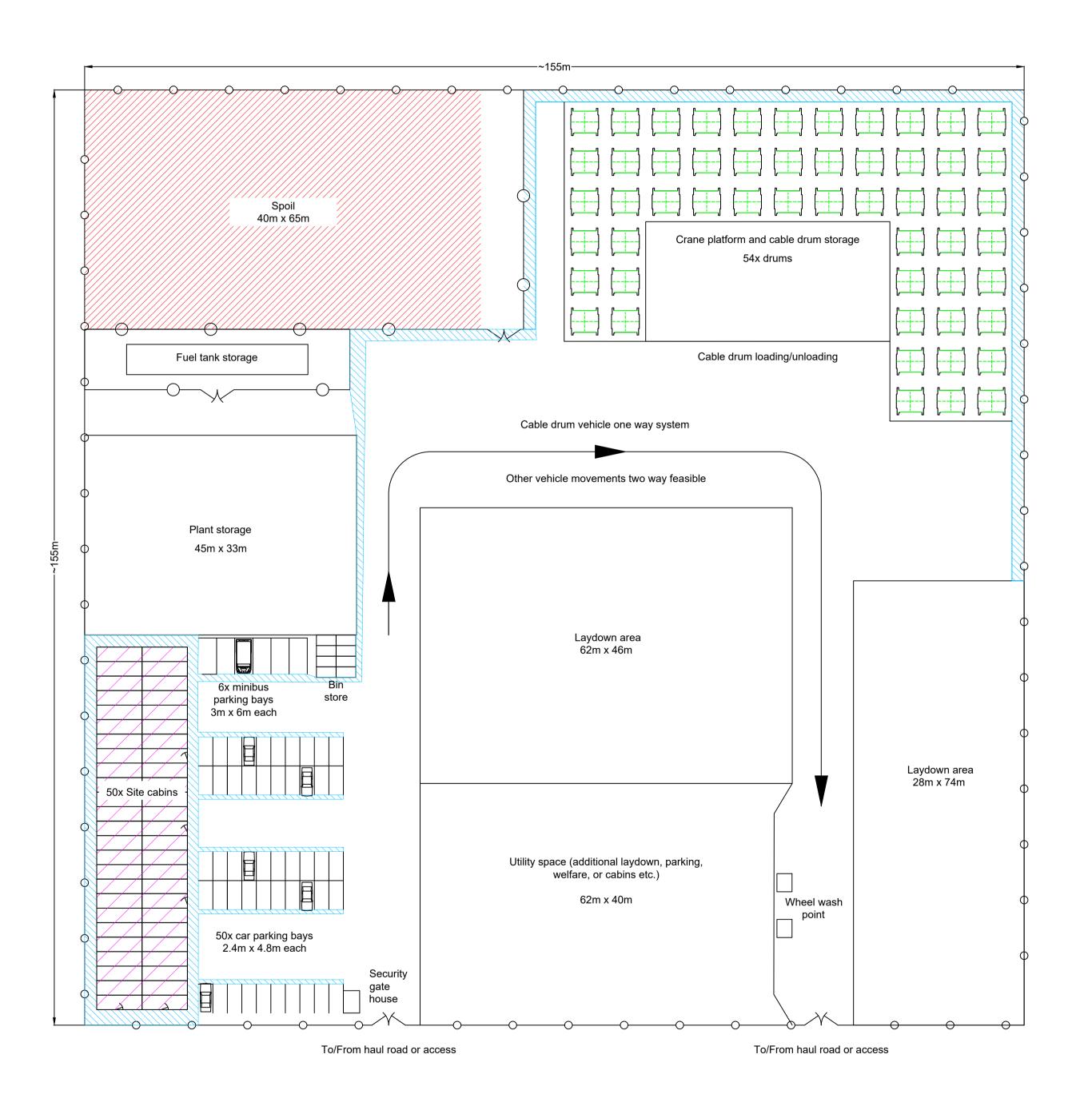
nationalgrid

PINS Application Number EN020027 National Grid Drawing Reference AENC-MMAC-ENG-DWG-0085-08

SHEET 1 OF 1 As shown

THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE PRIMARY CONSTRUCTION COMPOUND ARRANGEMENT REGULATION 5(2)(o) SHEET 1 OF 1





Notes

ATTA

1. These plans are illustrative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie.

Site cabin areas

- 2. For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located in the Volume 2 of the DCO application.
- 3. All dimensions are approximate and indicated in metres (m) unless noted otherwise.
- 4. This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled
- 5. This drawing shows an illustrative primary construction compound, which will be in place during construction of the relevant aspects of the Project. Dimensions and layout arrangement are illustrative only. The design will vary according to the available area, the specific site constraints and the construction contractors requirements.
- 6. Site cabins may be raised to take account for potential flooding at certain locations. Details to be agreed with relevant stakeholders.
- Drainage details are not included on the drawing. Subject to ground conditions, this may involve an attenuation pond and/or septic tank.
- 8. This layout assumes that up to half of the cable drums required per section of cable served by each compound will be stored on site at any one time.
- 9. The Order Limits around compounds have been increased to allow for up to a 50m (or equivalent) extension to the compound in both directions, to allow for flexibility of drum delivery methods (if required).

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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER ILLUSTRATIVE PRIMARY CONSTRUCTION COMPOUND ARRANGEMENT REGULATION 5(2)(o) SHEET 1 OF 1

nationalgrid

PINS Application Number EN020027 National Grid Drawing Reference

AENC-MMAC-ENG-DWG-0085-09 1:500 A1 SHEET 1 OF 1



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE BRAMFORD SUBSTATION LAYOUT REGULATION 5(2)(o) SECTION B, SHEET 1 OF 1 MID SUFFOLK DISTRICT COUNCIL

Application Document 2.6.1 LEGEND Proposed equipment Existing equipment (National Grid)

Proposed overhead line works

Equipment to be removed

Development works (Other schemes)

Order Limits

Substation permanent access

LIST OF ABBREVIATIONS

Circuit Breaker **Current Transformer** Voltage Transformer Surge Arrester Post Insulator Earth Switch Supergrid Transformer

Disconnector Static Synchronous Compensator STATCOM -Shunt Reactor Diesel Generator

Portable Relay Room

Static Var Compensator Dynamic Reactive Compensator Electric Vehicle Gas Insulated Switchgear Quad Booster

Distribution Network Operator

- These plans are indicative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie.
 - in the Volume 2 of the DCO application.
 - All dimensions are approximate and indicated in metres (m) unless noted otherwise.
- This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled
- 5. The voltage of the overhead line shown is 400kV.

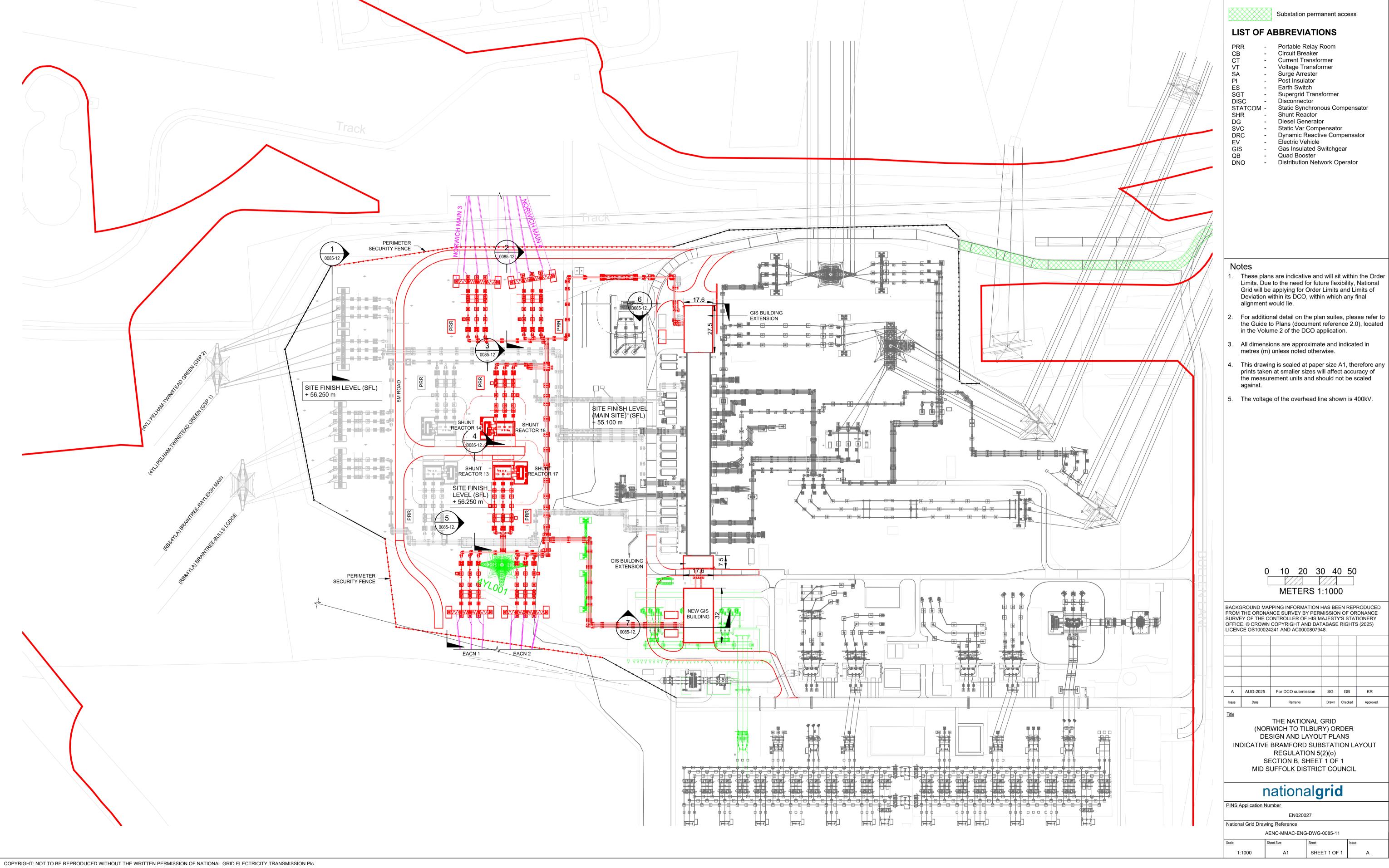
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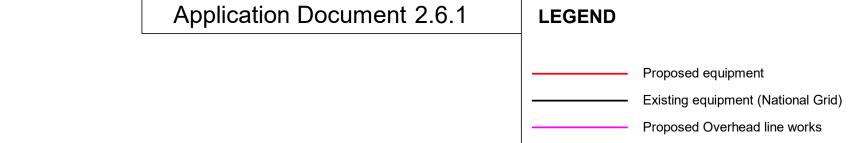
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE BRAMFORD SUBSTATION LAYOUT REGULATION 5(2)(o) SECTION B, SHEET 1 OF 1 MID SUFFOLK DISTRICT COUNCIL

national**grid**

National Grid Drawing Reference AENC-MMAC-ENG-DWG-0085-11 SHEET 1 OF 1

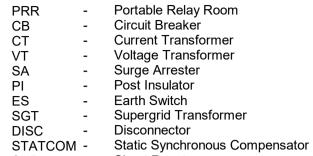


THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE BRAMFORD SUBSTATION ELEVATIONS REGULATION 5(2)(o) SECTION B, SHEET 1 OF 2 MID SUFFOLK DISTRICT COUNCIL



LIST OF ABBREVIATIONS

Development works (Other schemes)



SHR DG SVC DRC EV GIS QB DNO Shunt Reactor Diesel Generator Static Var Compensator

Dynamic Reactive Compensator Electric Vehicle Gas Insulated Switchgear

Quad Booster Distrubution Network Operator



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- 5. The voltage of the overhead line shown is 400kV.



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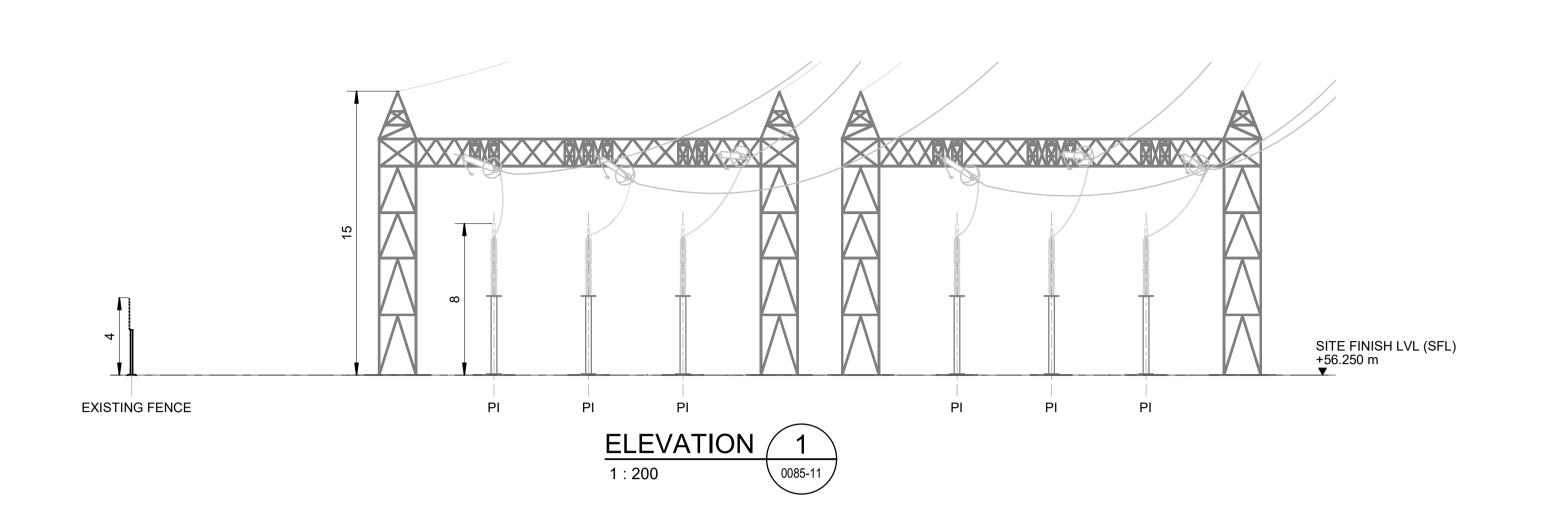
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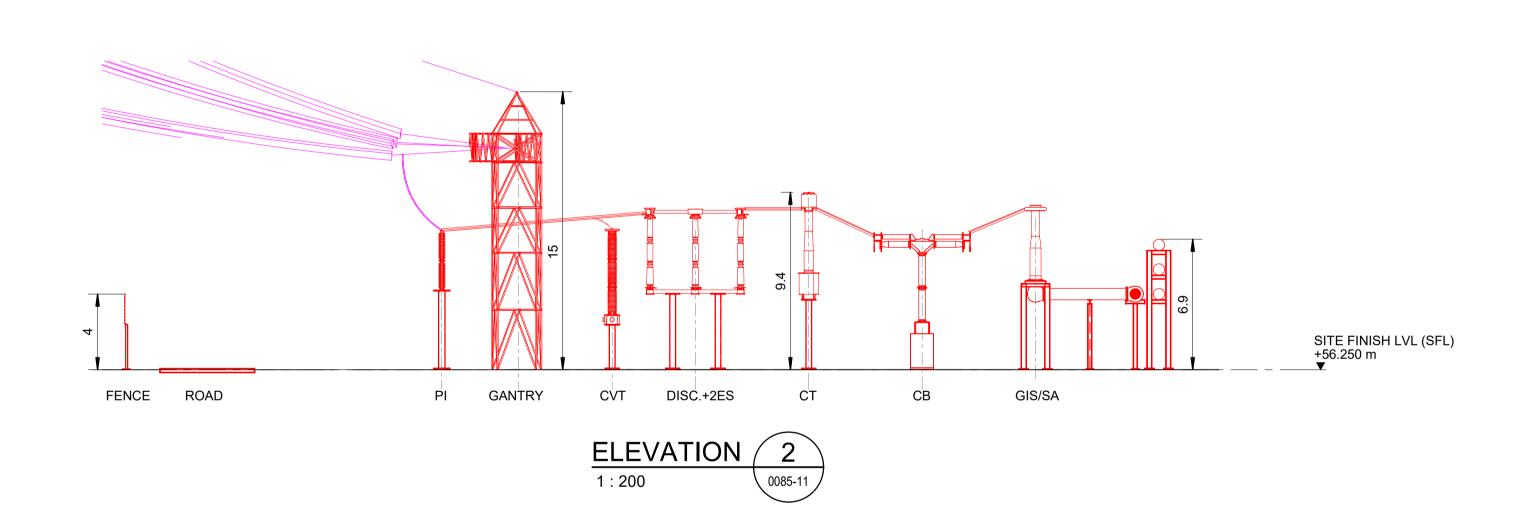
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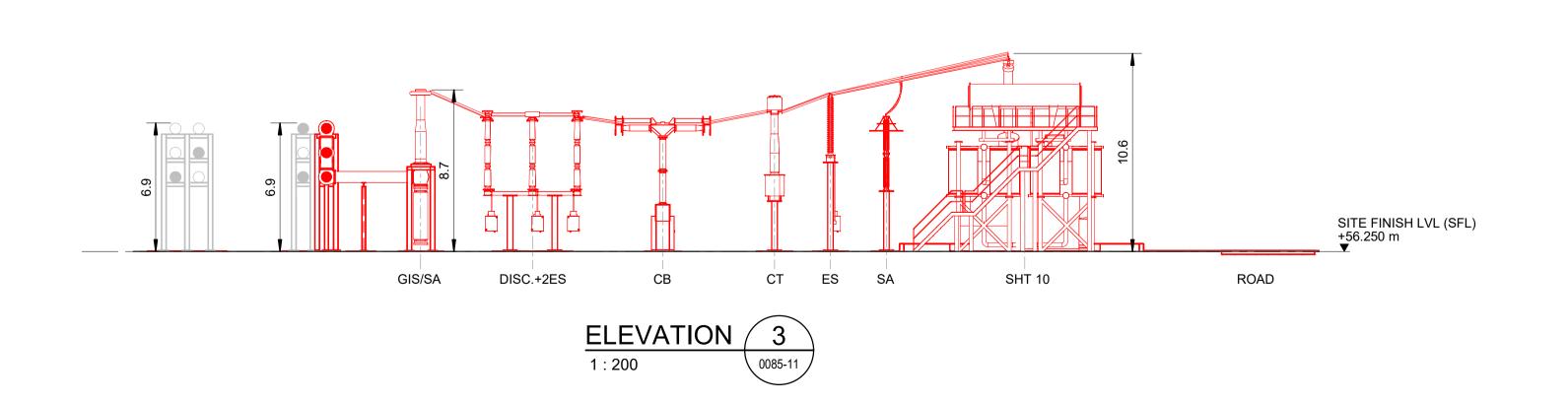
MID SUFFOLK DISTRICT COUNCIL



PINS Application Number								
EN020027								
National Grid Drawing Reference								
AENC-MMAC-ENG-DWG-0085-12								
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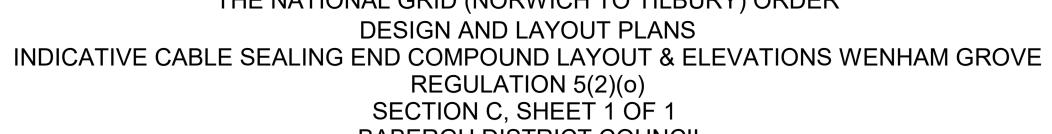
Application Document 2.6.1 LEGEND THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS — Proposed equipment INDICATIVE BRAMFORD SUBSTATION ELEVATIONS Existing equipment (National Grid) REGULATION 5(2)(o) SECTION B, SHEET 2 OF 2 Proposed Overhead line works Development works (Other schemes) MID SUFFOLK DISTRICT COUNCIL LIST OF ABBREVIATIONS PRR CB CT VT SA PI ES SGT DISC STATCOM -Portable Relay Room Circuit Breaker **Current Transformer** Voltage Transformer Surge Arrester Post Insulator Earth Switch Supergrid Transformer Disconnector Static Synchronous Compensator STATO SHR DG SVC DRC EV GIS QB DNO Shunt Reactor Diesel Generator Static Var Compensator

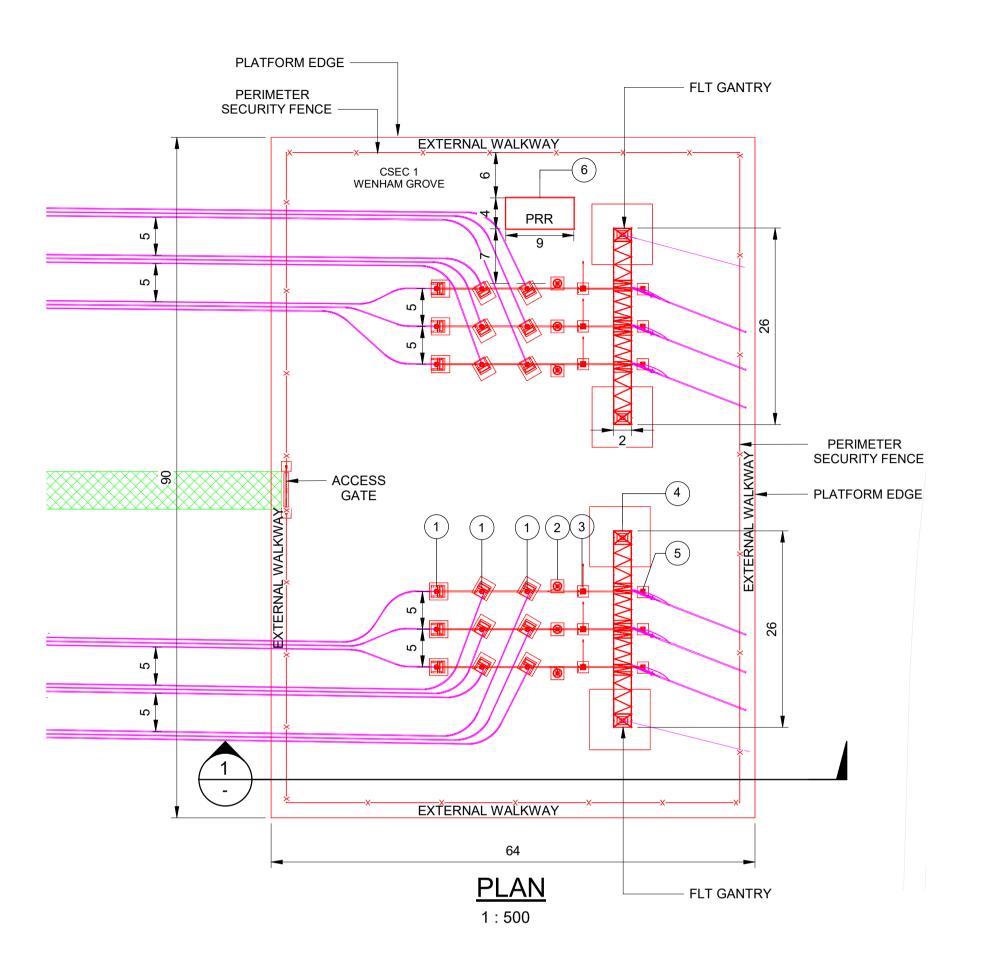
Dynamic Reactive Compensator Electric Vehicle - Gas Insulated Switchgear SITE FINISH LVL (SFL) +56.250 m Quad Booster - Distrubution Network Operator ROAD SHT 9 SA ES CT CB GIS/SA DISC.+2ES **ELEVATION** 1:200 0085-11 These plans are indicative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie. For additional detail on the plan suites, please refer to the Guide to Plans (document reference 2.0), located SITE FINISH LVL (SFL) +56.250 m in the Volume 2 of the DCO application. All dimensions are approximate and indicated in metres (m) unless noted otherwise. 4. This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against. СВ FENCE GIS/SA DISC.+2ES GANTRY PI 5. The voltage of the overhead line shown is 400kV. ELEVATION (5) 1:200 SITE FINISH LVL (MAIN SITE) (SFL) +55.100 m 57777 NEW GIS BUILDING EXTENTION **EXISTING ROAD** 0 2 4 6 8 10 ELEVATION 6
1:200 0085-11 **METRES 1:200** THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE BRAMFORD SUBSTATION ELEVATIONS REGULATION 5(2)(o) SECTION B, SHEET 2 OF 2 MID SUFFOLK DISTRICT COUNCIL _SITE FINISH LVL (MAIN SITE) (SFL) +55.100 m national**grid** PINS Application Number ROAD NEW GIS BUILDING EXTENTION ELEVATION 7 National Grid Drawing Reference AENC-MMAC-ENG-DWG-0085-12 1:200 SHEET 2 OF 2 COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION PIC

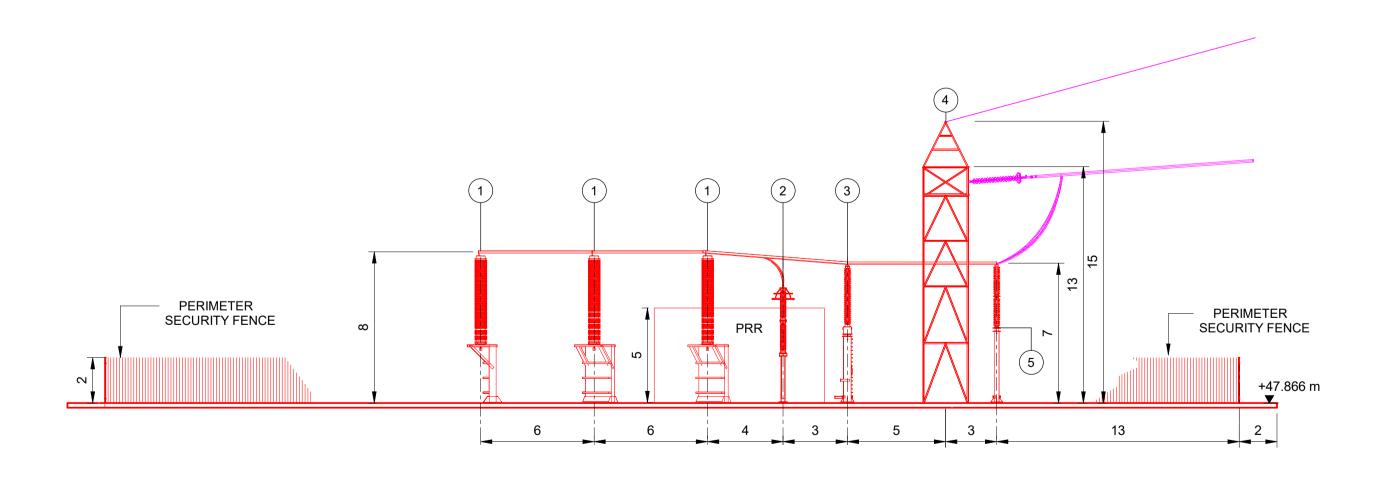


THE NATIONAL GRID (NORWICH TO TILBURY) ORDER

BABERGH DISTRICT COUNCIL









Application Document 2.6.1

LEGEND

Proposed equipment Proposed overhead line/cable works CSE Compound permanent access

LIST OF ABBREVIATIONS

01 - 400kV Cable sealing end

02 - 400kV Surge arrester

03 - 400kV Earth switch

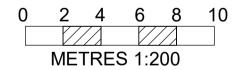
04 - Full line tension (FLT) gantry

05 - 400kV Post insulator

06 - Portable relay room (PRR)

Notes

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- For additional detail on the plan suites, please refer to the Guide to plans (document referance 2.0), located in Volume 2 of the DCO application.
- 3. All dimensions are approximate and indicated in meter(m) unless noted otherwise.
- This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- 5. The voltage of the overhead line shown is 400kV.



0 5 10 15 20 25 METRES 1:500

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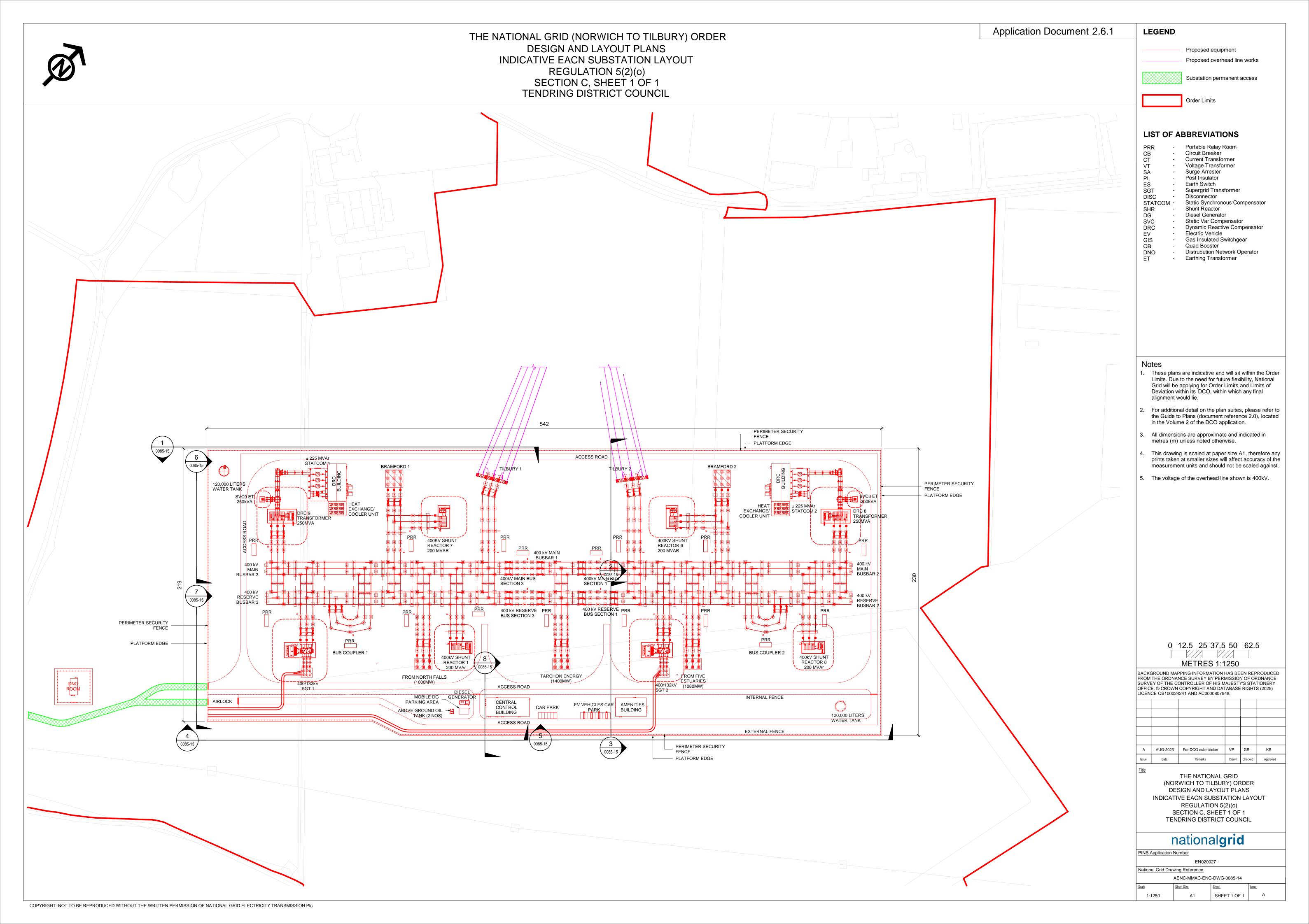
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS WENHAM GROVE REGULATION 5(2)(o) SECTION C, SHEET 1 OF 1 BABERGH DISTRICT COUNCIL

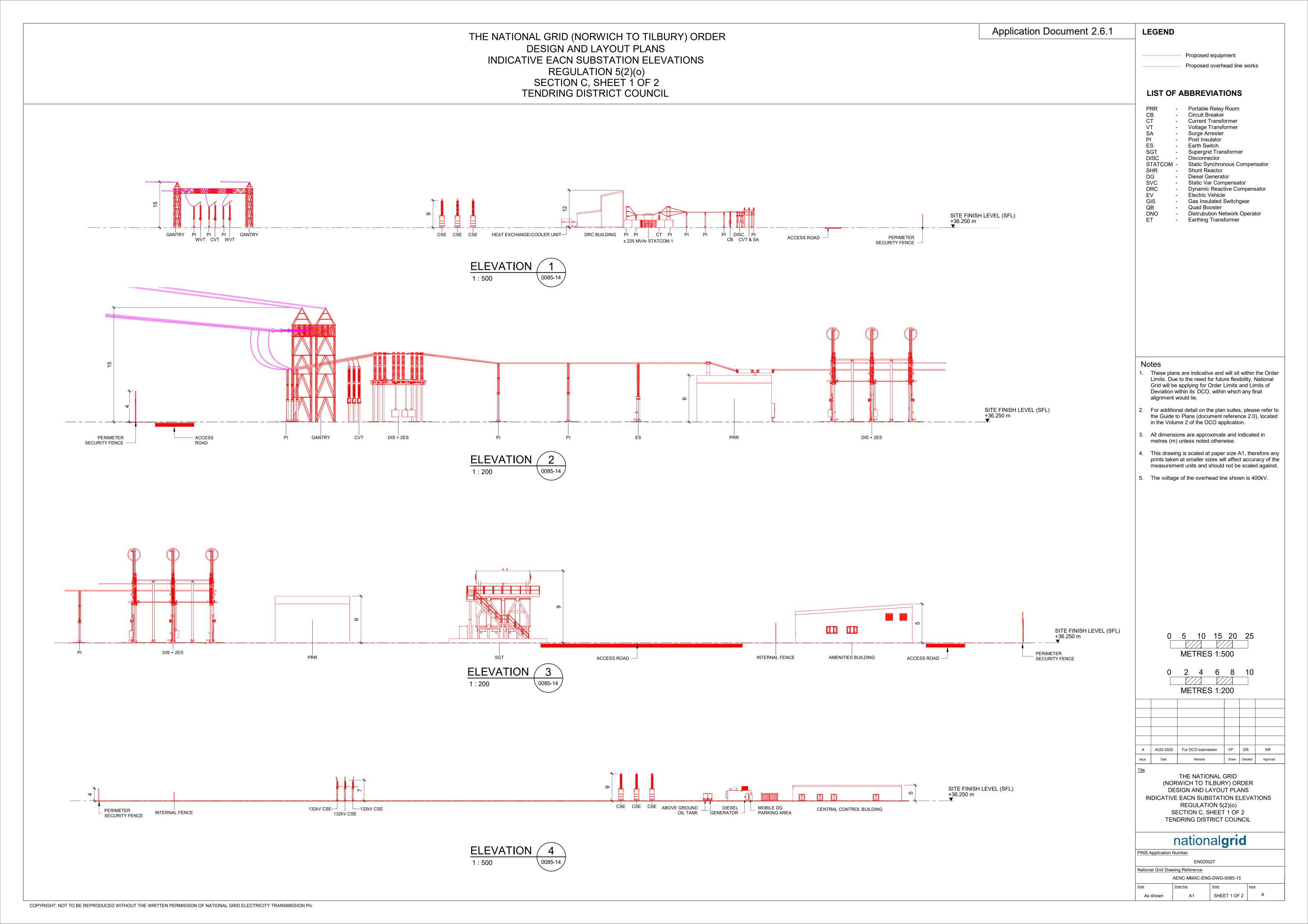
national**grid**

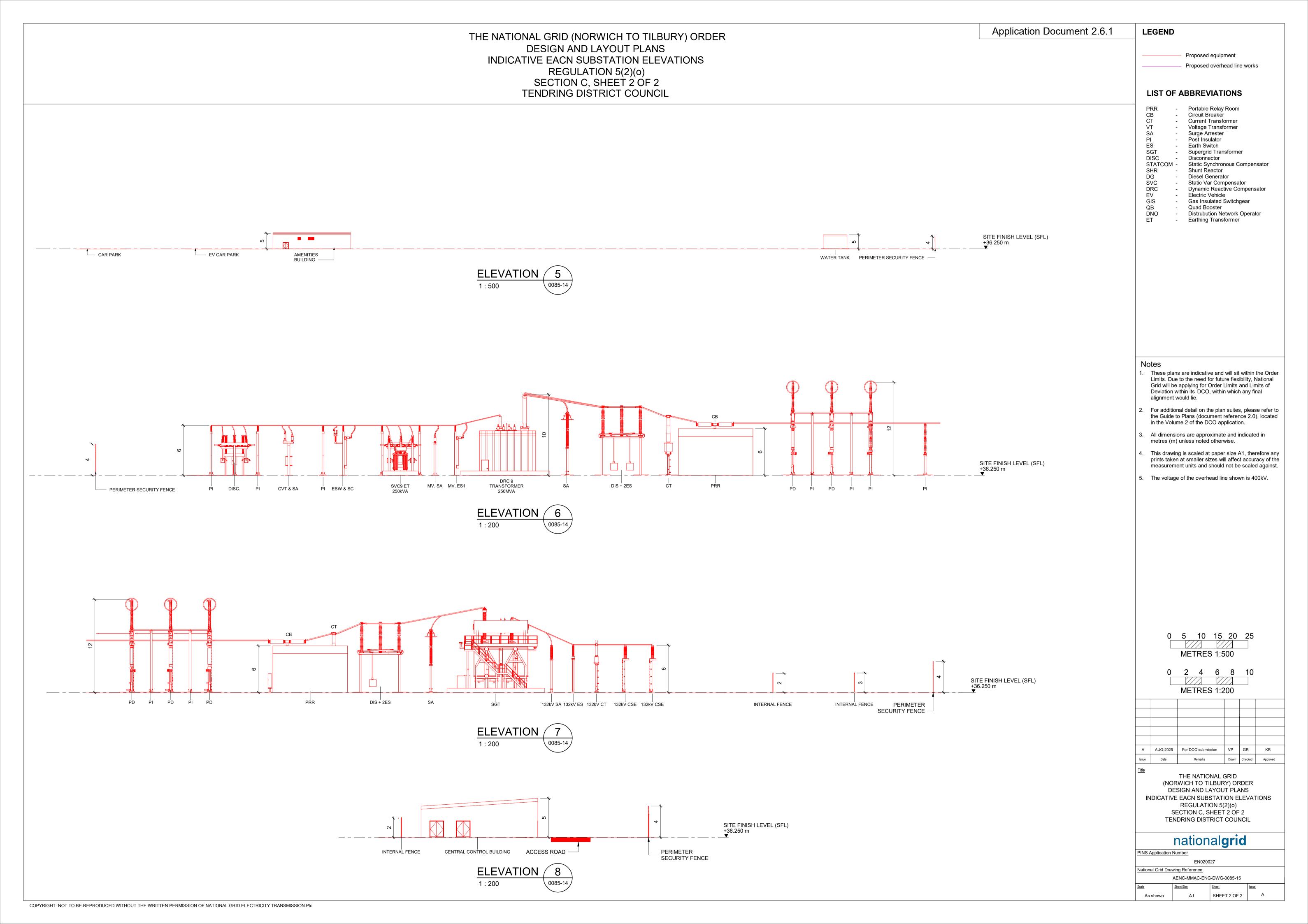
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National Grid Drawing Reference AENC-MMAC-ENG-DWG-0085-13

SHEET 1 OF 1







DESIGN AND LAYOUT PLANS

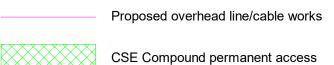
INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS GREAT HORKESLEY - EACN SIDE

REGULATION 5(2)(o) SECTION D, SHEET 1 OF 1 COLCHESTER CITY COUNCIL



LEGEND

Proposed equipment



LIST OF ABBREVIATIONS

01 - 400kV Cable sealing end

02 - 400kV Surge arrester

03 - 400kV Earth switch

04 - Full line tension (FLT) gantry05 - 400kV Post insulator

06 - Portable relay room (PRR)

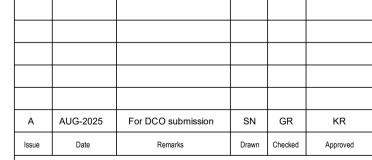
Notes

- 1. These plans are indicative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie.
- For additional detail on the plan suites, please refer to the Guide to plans (document referance 2.0), located in Volume 2 of the DCO application.
- 3. All dimensions are approximate and indicated in meter(m) unless noted otherwise.
- 4. This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- 5. The voltage of the overhead line shown is 400kV.

0 2 4 6 8 10 METRES 1:200

0 5 10 15 20 25 METRES 1:500

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THE NATIONAL GRID

(NORWICH TO TILBURY) ORDER

DESIGN AND LAYOUT PLANS

INDICATIVE CABLE SEALING END COMPOUND

LAYOUT & ELEVATIONS

GREAT HORKESLEY - EACN SIDE

REGULATION 5(2)(o), SECTION D

REGULATION 5(2)(0), SECTION D SHEET 1 OF 1, COLCHESTER CITY COUNCIL

national**grid**

EN020027

National Grid Drawing Reference

AENC-MMAC-ENG-DWG-0085-16

As shown

A1

Sheet Size

Sheet

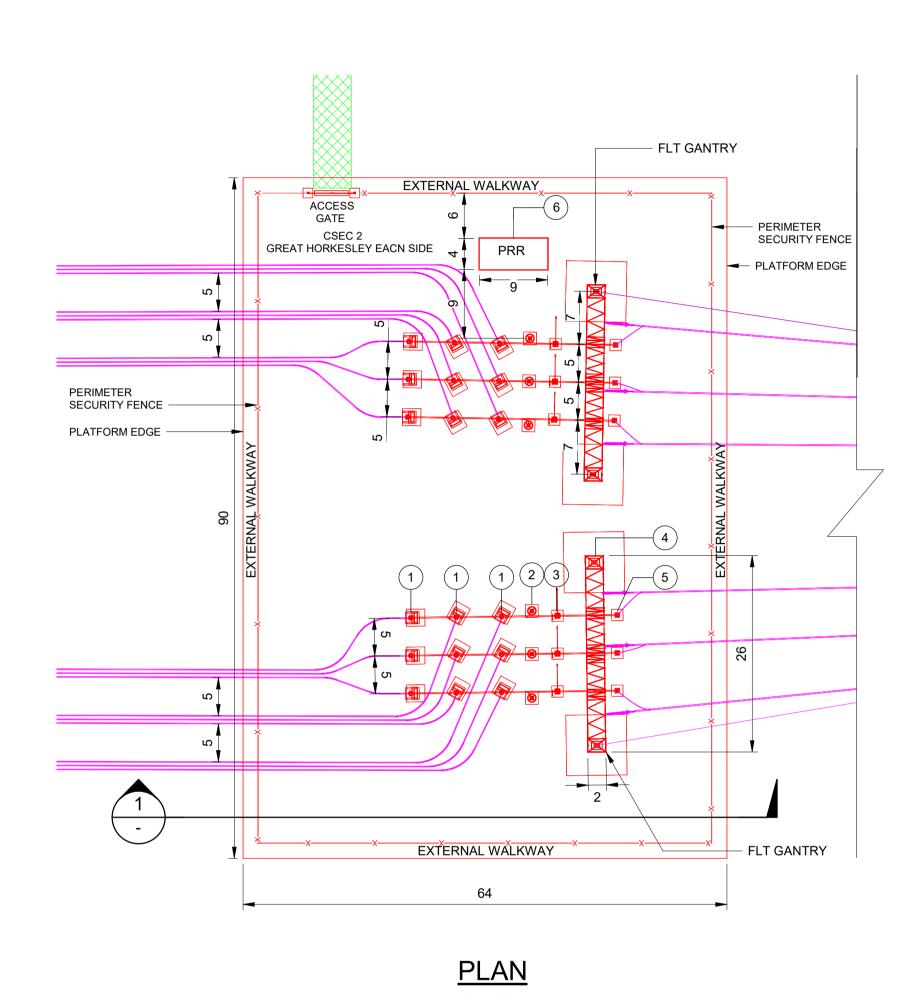
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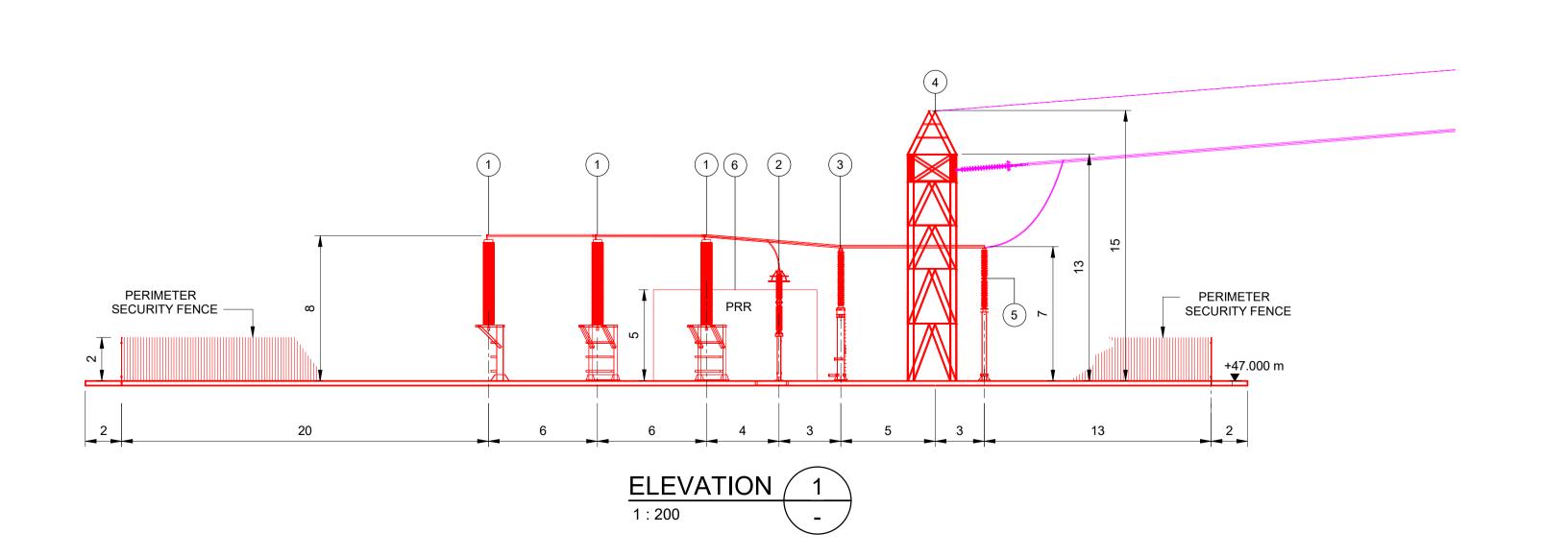
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SHEET 1 OF 1

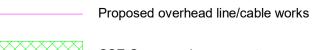
A





LEGEND

Proposed equipment



CSE Compound permanent access

LIST OF ABBREVIATIONS

01 - 400kV Cable sealing end

02 - 400kV Surge arrester

03 - 400kV Earth switch 04 - Full line tension (FLT) gantry

05 - 400kV Post insulator

06 - Portable relay room (PRR)

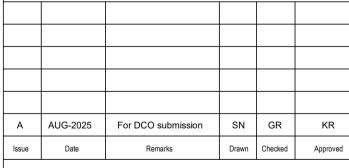


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- 5. The voltage of the overhead line shown is 400kV.

0 2 4 6 8 10 **METRES 1:200**

0 5 10 15 20 25 **METRES 1:500**

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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS GREAT HORKESLEY - TILBURY SIDE REGULATION 5(2)(o), SECTION D SHEET 1 OF 1, COLCHESTER CITY COUNCIL

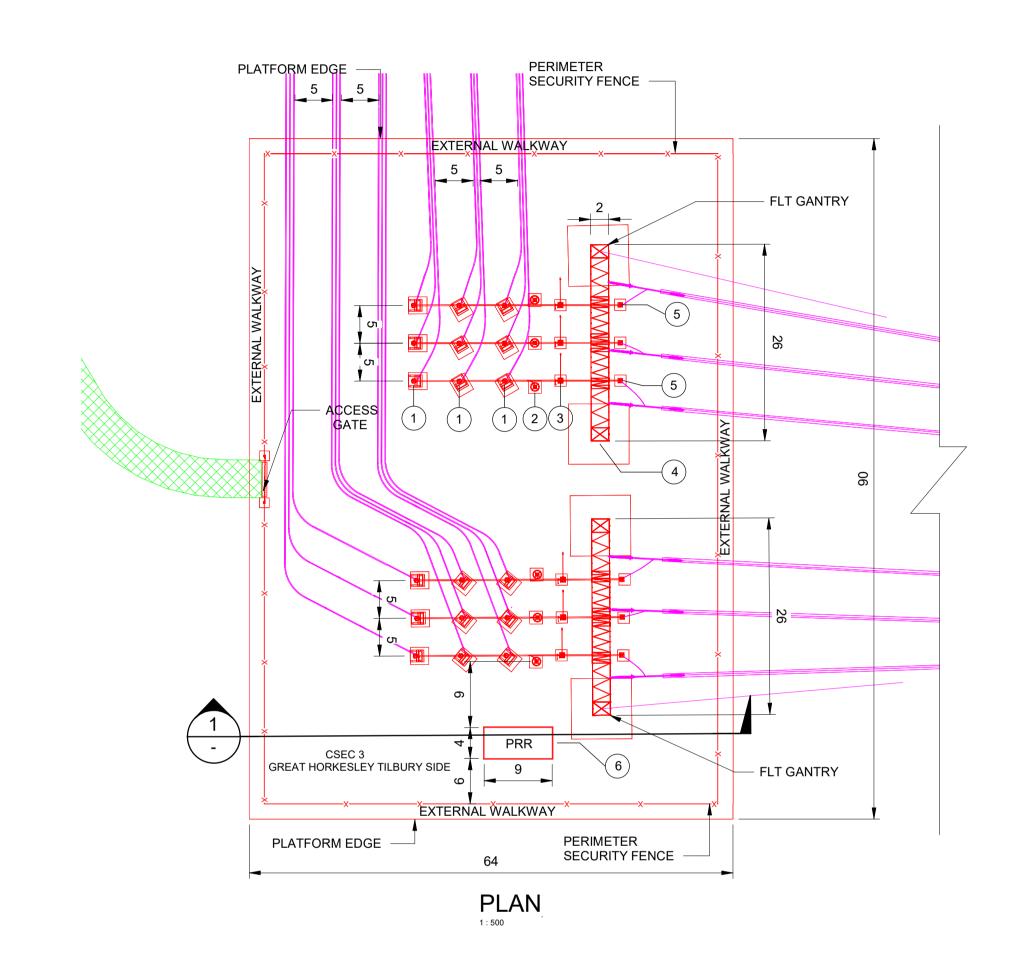
national**grid**

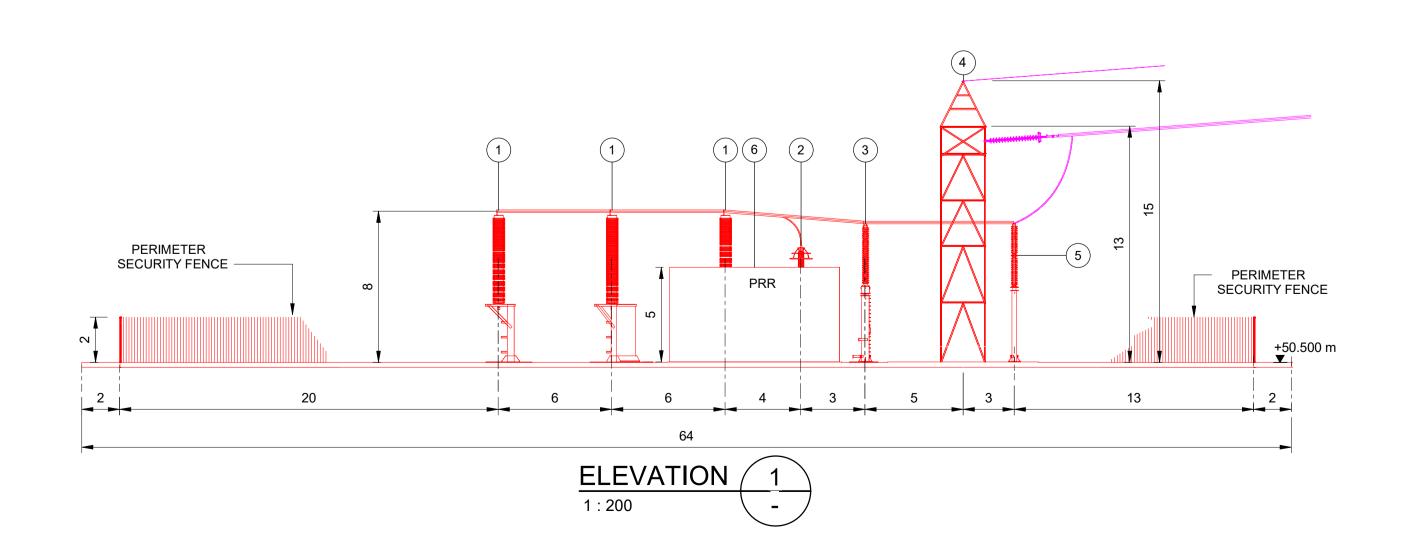
PINS Application Number National Grid Drawing Reference

SHEET 1 OF 1

AENC-MMAC-ENG-DWG-0085-17

DESIGN AND LAYOUT PLANS INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS GREAT HORKESLEY - TILBURY SIDE REGULATION 5(2)(o) SECTION D, SHEET 1 OF 1 COLCHESTER CITY COUNCIL

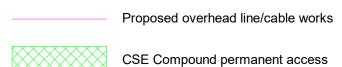






LEGEND

Proposed equipment



LIST OF ABBREVIATIONS

01 - 400kV Cable sealing end

02 - 400kV Surge arrester

03 - 400kV Earth switch

04 - Full line tension (FLT) gantry

05 - 400kV Post insulator

06 - Portable relay room (PRR)

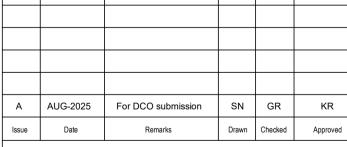


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- 5. The voltage of the overhead line shown is 400kV.



0 5 10 15 20 25 METRES 1:500

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THE NATIONAL GRID

(NORWICH TO TILBURY) ORDER

DESIGN AND LAYOUT PLANS

INDICATIVE CABLE SEALING END COMPOUND

LAYOUT & ELEVATIONS

FAIRSTED - EACN SIDE

REGULATION 5(2)(0), SECTION E

SHEET 1 OF 1, BRAINTREE DISTRICT COUNCIL

nationalgrid

PINS Application Number

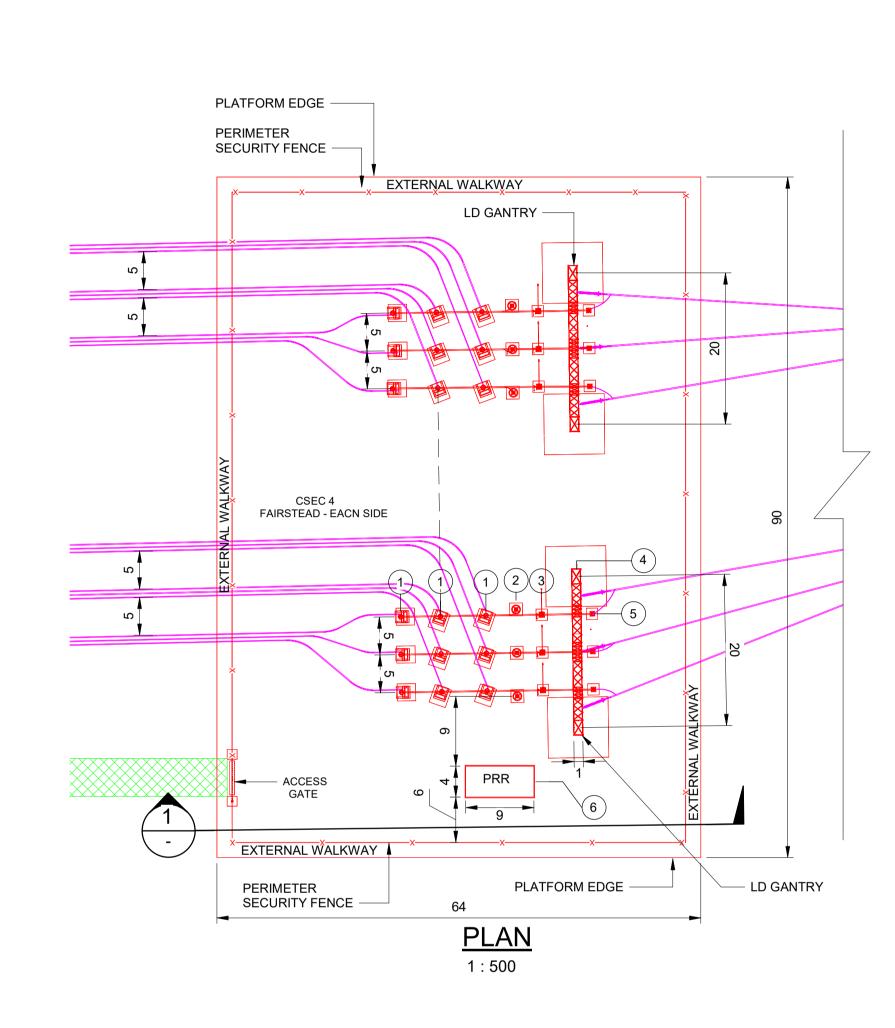
EN020027

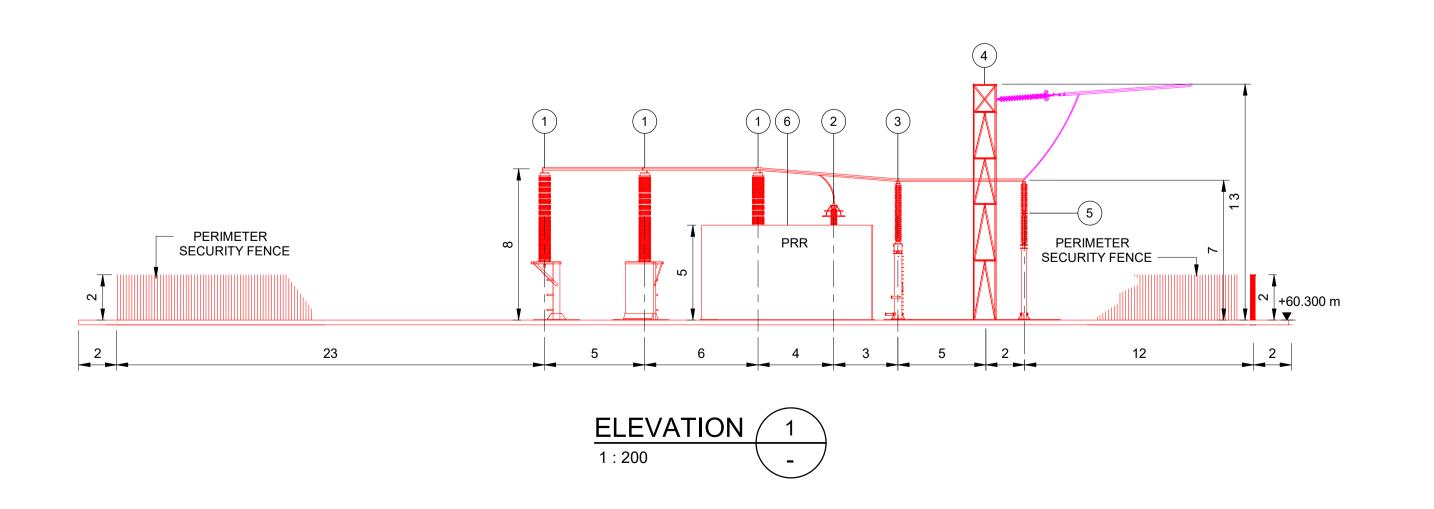
National Grid Drawing Reference

AENC-MMAC-ENG-DWG-0085-18

Scale Sheet Size Sheet Issue

As shown A1 SHEET 1 OF 1 A





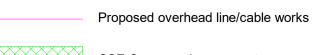


DESIGN AND LAYOUT PLANS

INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS FAIRSTEAD - TILBURY SIDE REGULATION 5(2)(o) SECTION E, SHEET 1 OF 1 BRAINTREE DISTRICT COUNCIL



LEGEND



Proposed equipment



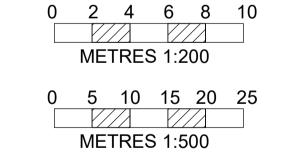
CSE Compound permanent access

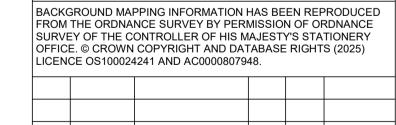
LIST OF ABBREVIATIONS

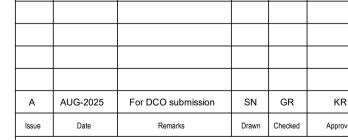
- 01 400kV Cable sealing end
- 02 400kV Surge arrester
- 03 400kV Earth switch
- 04 Full line tension (FLT) gantry
- 05 400kV Post insulator
- 06 Portable relay room (PRR)



- These plans are indicative and will sit within the Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its DCO, within which any final alignment would lie.
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- This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- 5. The voltage of the overhead line shown is 400kV.



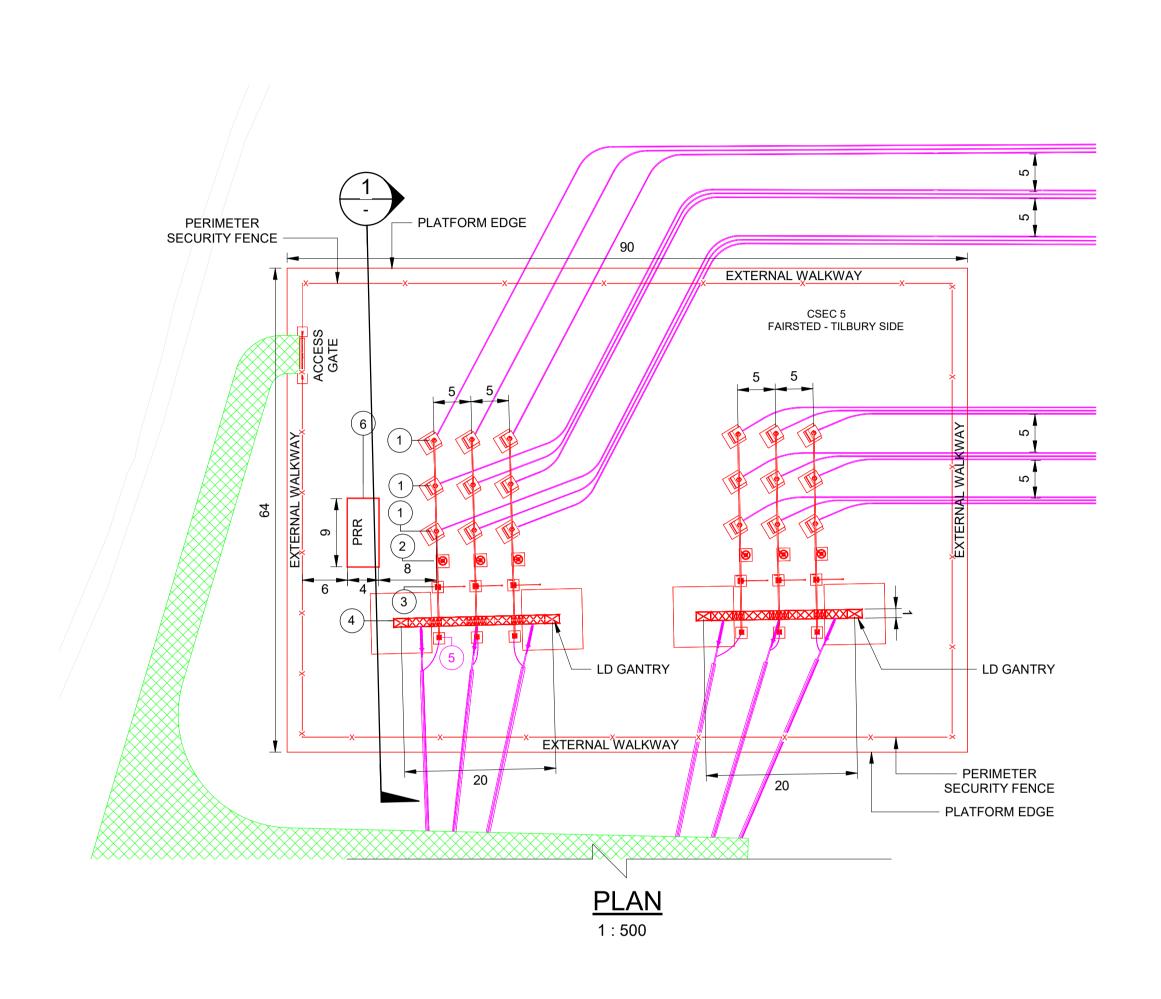


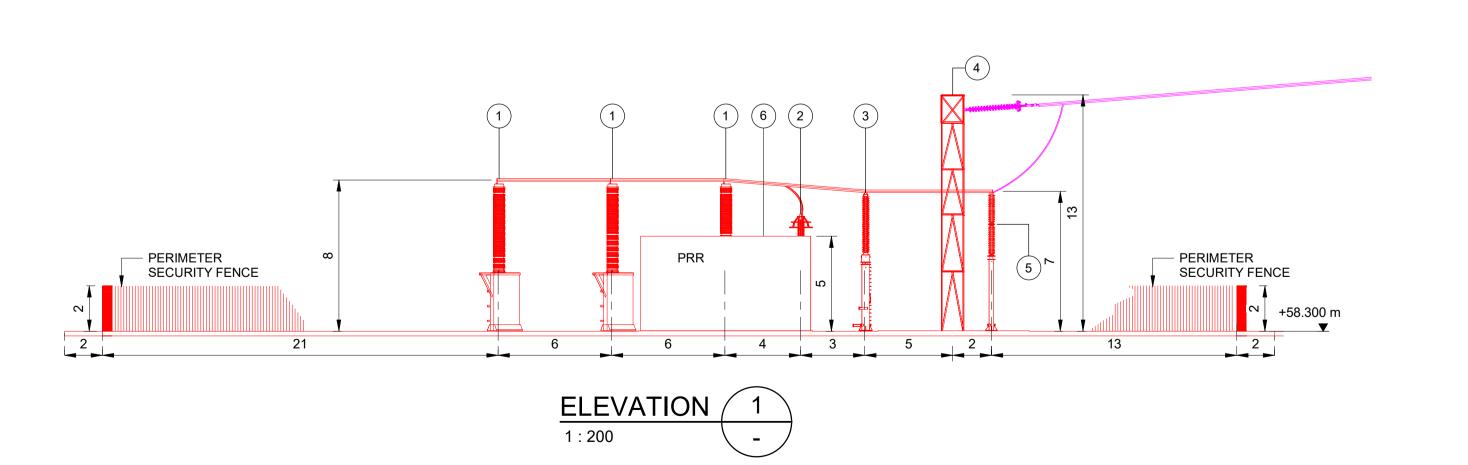


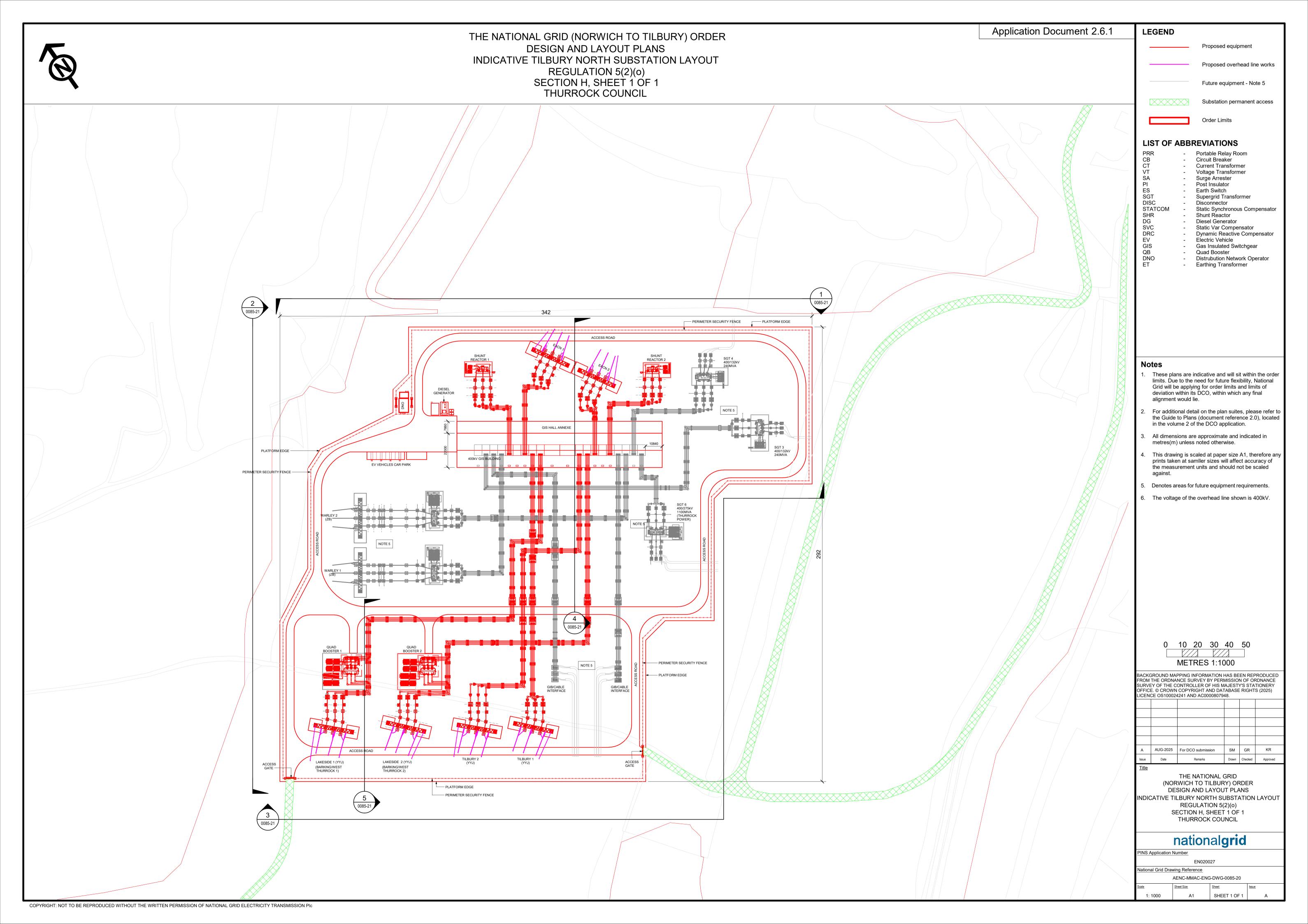
THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS FAIRSTEAD - TILBURY SIDE REGULATION 5(2)(o), SECTION E SHEET 1 OF 1, BRAINTREE DISTRICT COUNCIL

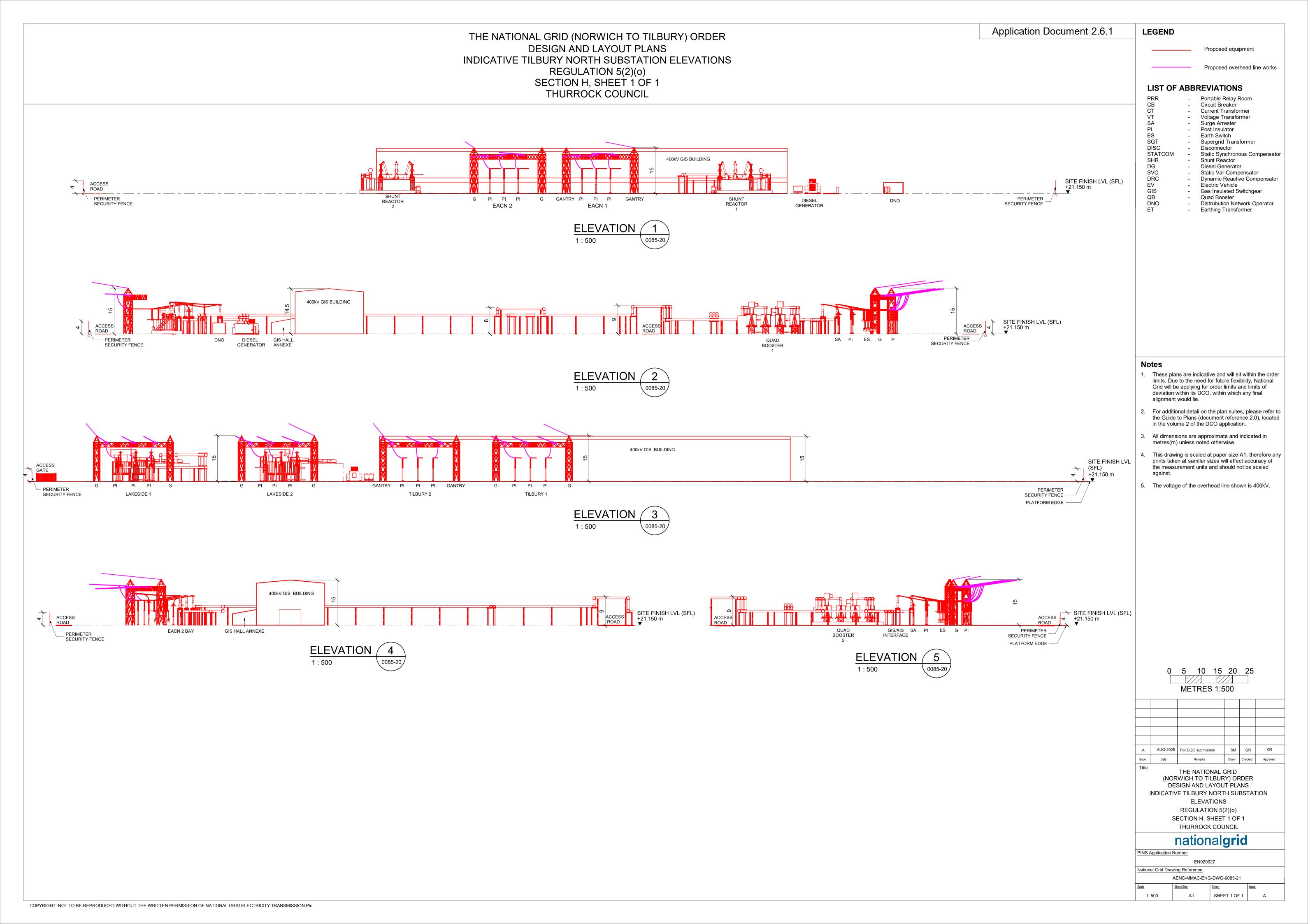
national**grid**

PINS Application Number								
EN020027								
National Grid Drawing Reference								
AENC-MMAC-ENG-DWG-0085-19								
Scale	Sheet Size	Sheet	Issue					
As shown	Δ1	SHEET 1 OF 1	А					











THE NATIONAL GRID (NORWICH TO TILBURY) ORDER

DESIGN AND LAYOUT PLANS
INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS ZB - WARLEY SIDE

REGULATION 5(2)(o)

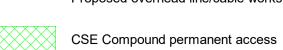
SECTION H, SHEET 1 OF 1

THURROCK COUNCIL

Application Document 2.6.1

LEGEND

Proposed equipment
Proposed overhead line/cable works



LIST OF ABBREVIATIONS

01 - 400kV Cable sealing end

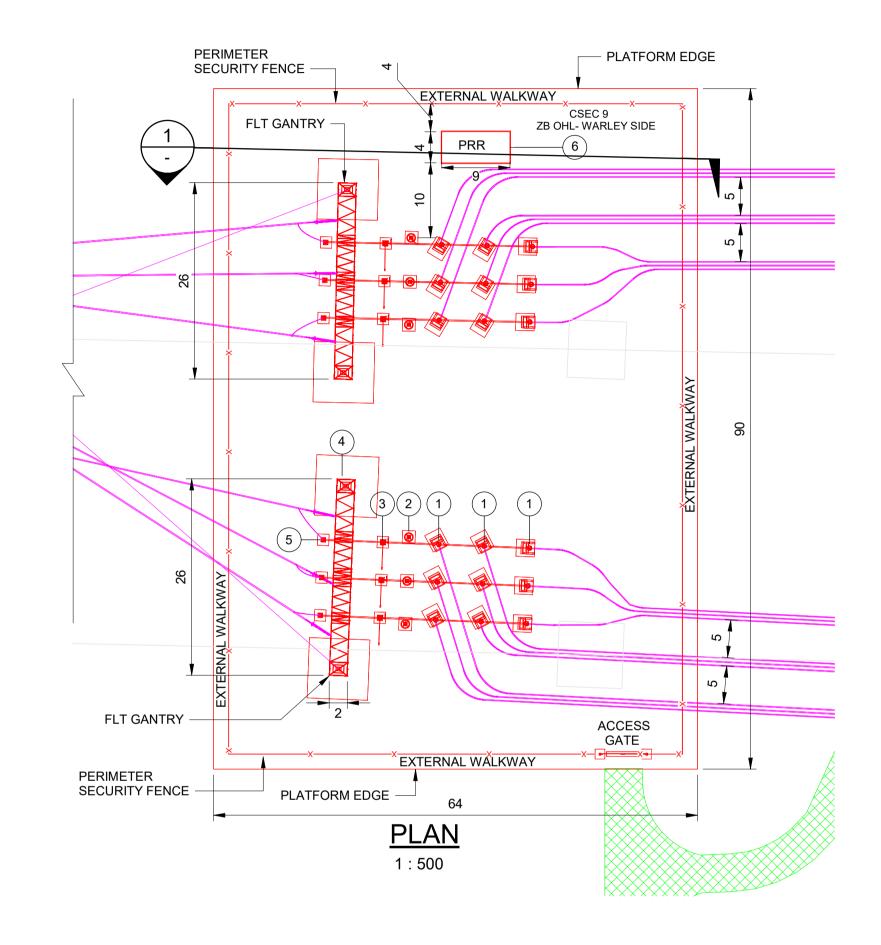
02 - 400kV Surge arrester

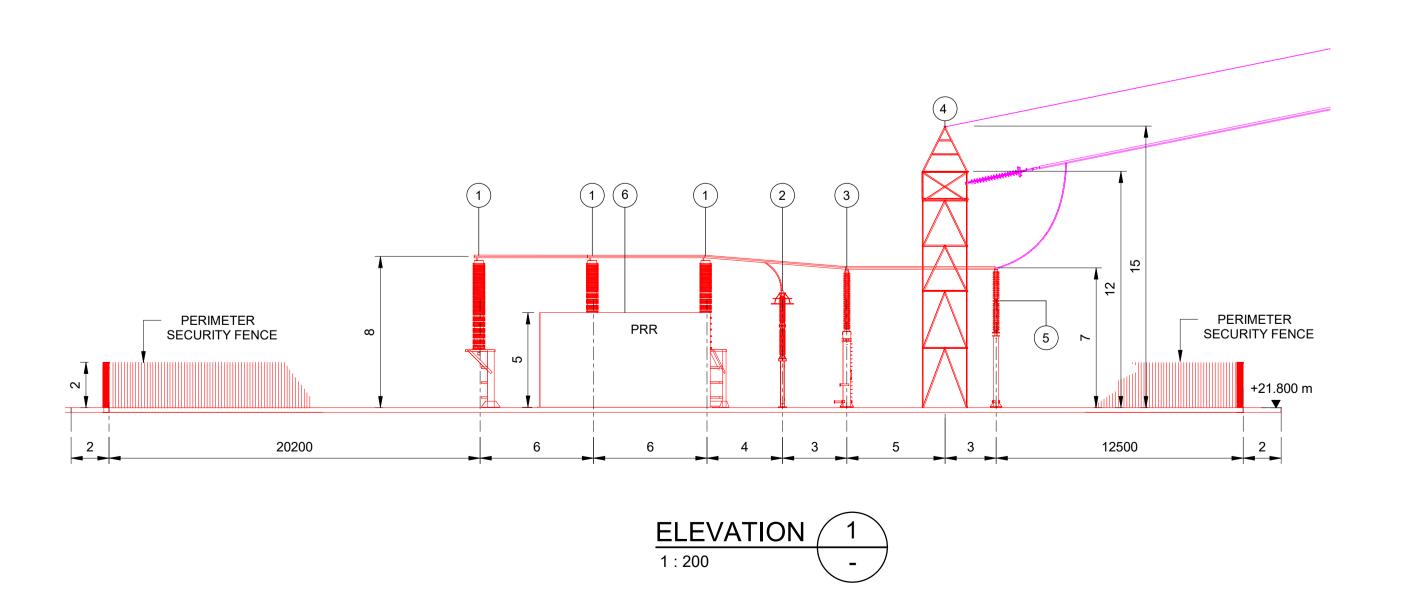
03 - 400kV Earth switch

04 - Full line tension (FLT) gantry

05 - 400kV Post insulator

06 - Portable relay room (PRR)





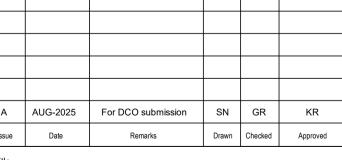
Notes

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- This drawing is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
- 5. The voltage of the overhead line shown is 275kV.

0 2 4 6 8 10 METRES 1:200

0 5 10 15 20 25 METRES 1:500

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THE NATIONAL GRID
(NORWICH TO TILBURY) ORDER
DESIGN AND LAYOUT PLANS
INDICATIVE CABLE SEALING END COMPOUND
LAYOUT & ELEVATIONS ZB - WARLEY SIDE
REGULATION 5(2)(0)
SECTION H, SHEET 1 OF 1
THURROCK COUNCIL

national**grid**

PINS Application Number

EN020027

National Grid Drawing Reference

AENC-MMAC-ENG-DWG-0085-22

As shown A1 SHEET 1 OF 1 A



THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS ZB - TILBURY SIDE REGULATION 5(2)(o) SECTION H, SHEET 1 OF 1 THURROCK COUNCIL

Application Document 2.6.1

LEGEND

Proposed equipment Proposed overhead line/cable works CSE Compound permanent access

LIST OF ABBREVIATIONS

01 - 400kV Cable sealing end

02 - 400kV Surge arrester

03 - 400kV Earth switch 04 - Full line tension (FLT) gantry

05 - 400kV Post insulator

06 - Portable relay room (PRR)

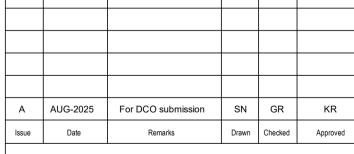


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0 5 10 15 20 25 METRES 1:500

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THE NATIONAL GRID (NORWICH TO TILBURY) ORDER DESIGN AND LAYOUT PLANS INDICATIVE CABLE SEALING END COMPOUND LAYOUT & ELEVATIONS ZB - TILBURY SIDE REGULATION 5(2)(o) SECTION H, SHEET 1 OF 1 THURROCK COUNCIL

national**grid**



National Grid Drawing Reference AENC-MMAC-ENG-DWG-0085-23 SHEET 1 OF 1

