



NATIONAL GRID
(NORWICH TO TILBURY)
S.42 CONSULTATION NORWICH MAIN 400kV SUBSTATION PROPOSED SITE LAYOUT DRAWING
SECTION A, SHEET 1 OF 1

Legend

- Draft order limits
- Existing substation boundary
- Proposed substation extension boundary
- Temporary construction compound
- Approximate exclusion zone for existing overhead lines
- Permanent substation access route
- Temporary substation haul road
- Temporary overhead line haul road
- Temporary surface water attenuation drainage pond
- Temporary drainage outfall alignment
- Outfall location
- New overhead line
- Overhead line pylon construction area

Notes

1. This drawing is scaled at paper size A0, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
2. These plans show the draft Order Limits. Due to the need for future flexibility, National Grid will be applying for Order Limits and Limits of Deviation within its Development Consent Order, within which any potential permanent infrastructure would be sited. Further information is provided in National Grid's 'Guide to Interacting with our Consultation Plans' document.
3. This drawing is to be read in conjunction with the Consultation Plans and Construction Access Plans.
4. This drawing is produced for development and consultation purposes only, further work is required to validate the design for construction.
5. Norwich Main Substation is located at UK grid reference 621880, 302366.
6. The design is work in progress and is relevant to the project stage at the time of issue. All further design development require further site information and engagement with relevant third parties. The detailed design shall be in accordance with relevant national design standards, as well as NG technical specifications.
7. The access routes include existing access roads, which may require upgrade or alteration, and areas of new construction. Where permanent and temporary access routes use the same alignment, only permanent routes are shown within this drawing.
8. The full scheme is represented within the draft Order Limits, however some design information has been omitted for clarity of the drawings.

Drainage Notes:

1. For both temporary and permanent drainage design the location, size and type of attenuation ponds is currently based on preliminary OS terrain 5 topographical data (vertical design accuracy to 2m) and desktop ground information. The drainage design for project has considered the anticipated worst case where possible, allowing for sufficient construction space to accommodate potential change, however the extent of potential change cannot be confirmed at this stage.
2. Pond levels, drainage pipelines, discharge points and local ground conditions will need to be confirmed to allow for a more accurate design. This will follow at later design stages upon receipt of adequate survey information.
3. Drainage design criteria is based on the requirements of local planning policy. Stakeholder engagement regarding the design criteria for drainage features is ongoing. The layouts will be reviewed and updated as necessary in subsequent design stages.
4. No allowance for potential existing field or land drainage has been made at this time. This will need to be considered following receipt of landowner information on existing drainage.
5. Filter drains have not been shown as they have not been designed at this stage. The proposed drainage attenuation/infiltration volumes do not consider attenuation through filter drains.

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Issue	Date	Remarks	Drawn	Checked	Approved
A	April 2024	For statutory consultation	TL	CK	MI

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National Grid Drawing Reference			
Scale	Sheet Size	Sheet	Issue
1:1000	A0	SHEET 1 OF 1	A

LAYOUT DRAWING SCALE
1:1000 0 50m 100m

