

Issue number: BT-BB-020631-560-0010

Bramford to Twinstead Reinforcement

3.3.7 Typical Design and Layout Plans:
Pylon Design

January 2022



nationalgrid

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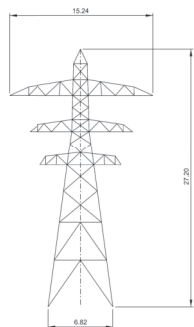
For statutory consultation purposes only

These plans show the Draft Order Limits and Draft Alignment and potential pylon locations. 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 final alignment (including pylon locations) would lie. Therefore the Draft Alignment and pylon locations should be treated as indicative only. Further information is provided in our 'Guide to interacting with our consultation plans' document.

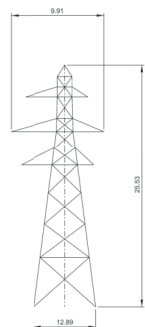
5SELU-PTDO-OHLXX-4YLXX-DR-LDO-100041

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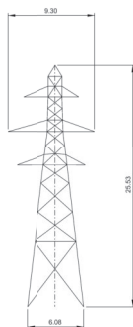
Existing 132kV PCB Overhead Line Pylons



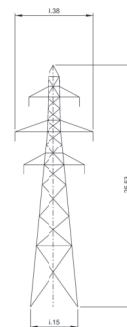
PL16 Terminal Pylon



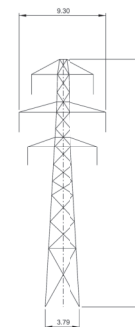
PL16 60° Angle Pylon



PL16 30° Angle Pylon

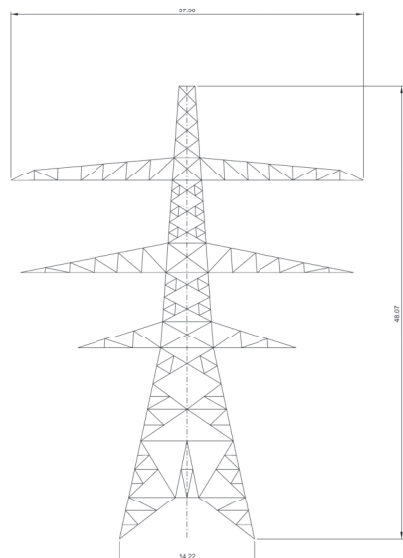


PL16 10° Angle Pylon

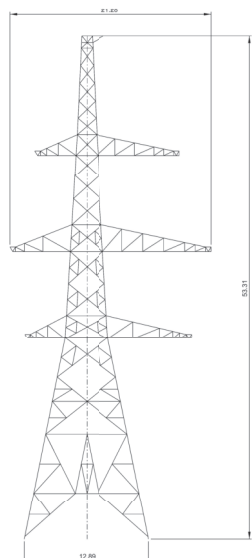


PL16 Suspension Pylon

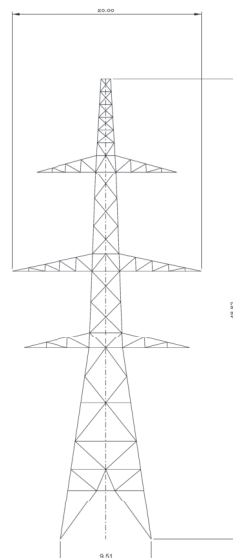
Proposed 400kV Overhead Line Pylons



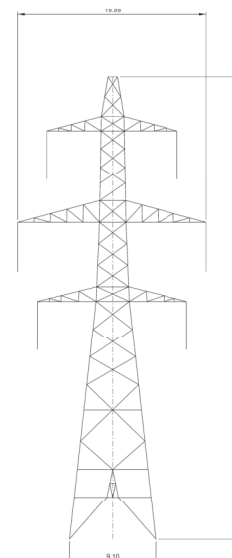
400kV Terminal Pylon



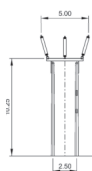
400kV 60° Angle Pylon



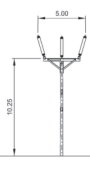
400kV 30° Angle Pylon



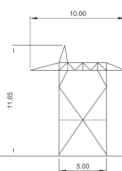
400kV Suspension Pylon



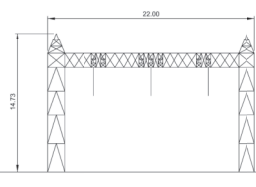
TEMPORARY 11kV WOODEN POLE SINGLE CIRCUIT 132kV OPERATION (Estimated typical height of temporary diversions)



TEMPORARY SINGLE WOODEN POLE SINGLE CIRCUIT 132kV OPERATION (Estimated typical height of temporary diversions)



LOW HEIGHT LATTICE PYLON SINGLE CIRCUIT 132kV OPERATION



400kV FULL LINE TENSION GANTRY

NOTE

1. ALL DIMENSIONS ARE IN METRES.
2. 400kV TOWER REPRESENTATION IS INDICATIVE WITH ACTUAL DESIGN TO BE CONFIRMED AT DETAILED DESIGN PHASE.

ISSUE	A	Remarks:
DRAWN	JB	
DESIGN / D.O.	-	
CHKD	-	
APPD	-	
DATE	-	NG Investment No. 21847

Project
Bramford to Twinstead

nationalgrid

Title

3.3.7 Typical design and layout plans: Pylon design

Circuit / Site

Bramford - Pelham - Brintree - Rayleigh MSTN

Originator Drawing No.

5BSELU-PTDO-OHLXX-4YLXX-DR-LDO-100041

NG Drawing No.

BT-BB-020631-560-0010

Scale: NTS

Sheet No.

1

No of Sheets

Issue

A

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