



The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(o)

The Proposed Knottingley Power Plant Order

Indicative Overhead Lines and Pylons Layout Drawings

PINS application document reference: 2.5

PINS project reference: EN010050

Author: Energyline Ltd (on behalf of National Grid)

Date: 04/09/2013

Version A (submission – September 2013)

Knottingley Power Limited

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7th Floor,

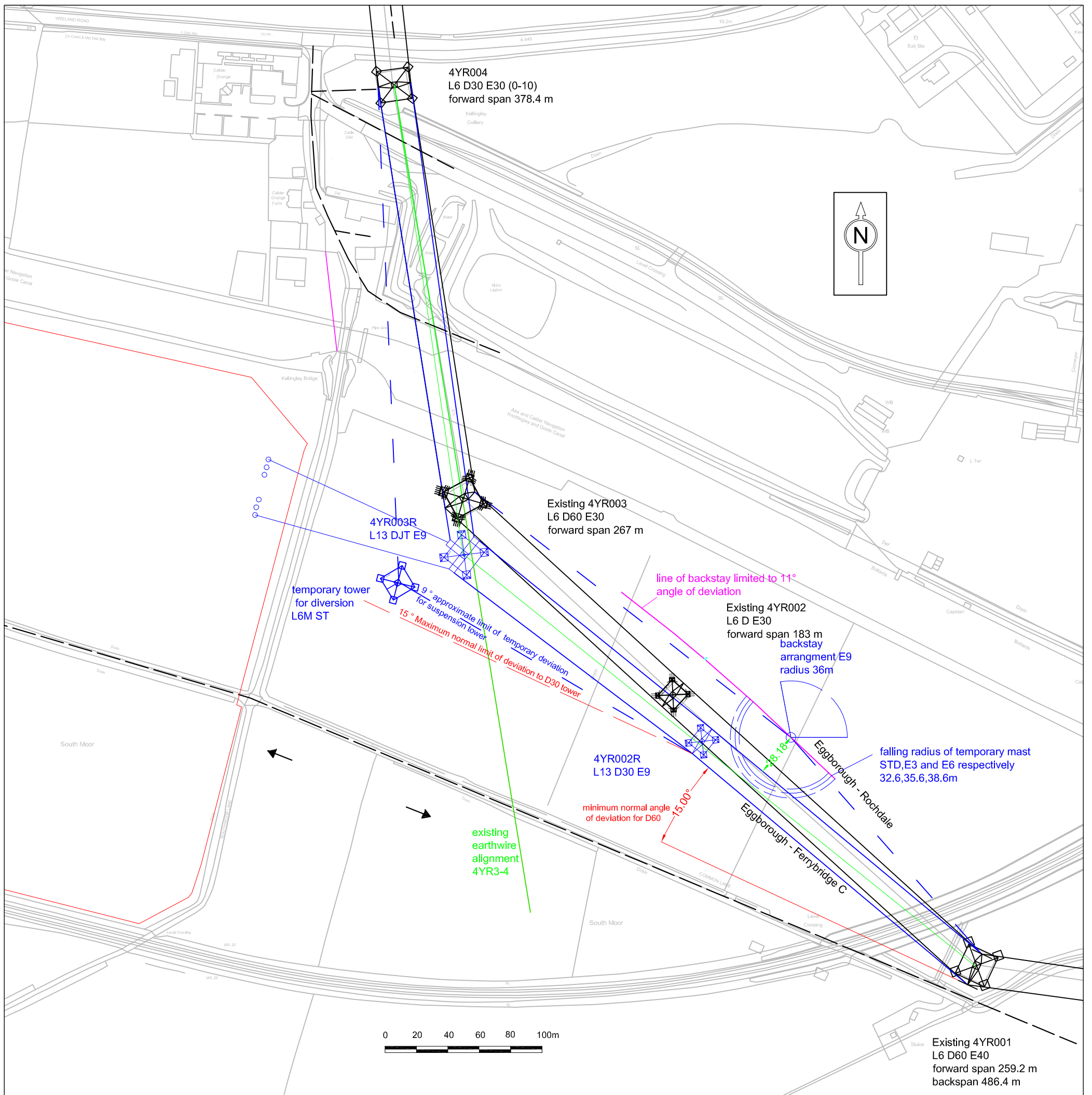
52/54 Gracechurch Street

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Email: info@knottingleypower.co.uk

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Notes

1) towers 4YR002 and 4YR003 are replaced with L13 D/D30 and DJT towers respectively along an alternative alignment south of the existing route. The DJT tower is sited on the existing alignment to 4YR004 such that the change in foundation loading at tower 4YR004 is minimised.

- 2) Clearances at tower 4YR001 can be maintained within standard design limitations.
- 3) Gantry design to suit proposed download length.
- 4) Piled foundations shown as approximately 10m depth raked 1:3 as an indication for working areas. Depth vary .

INDICATIVE

Construction.

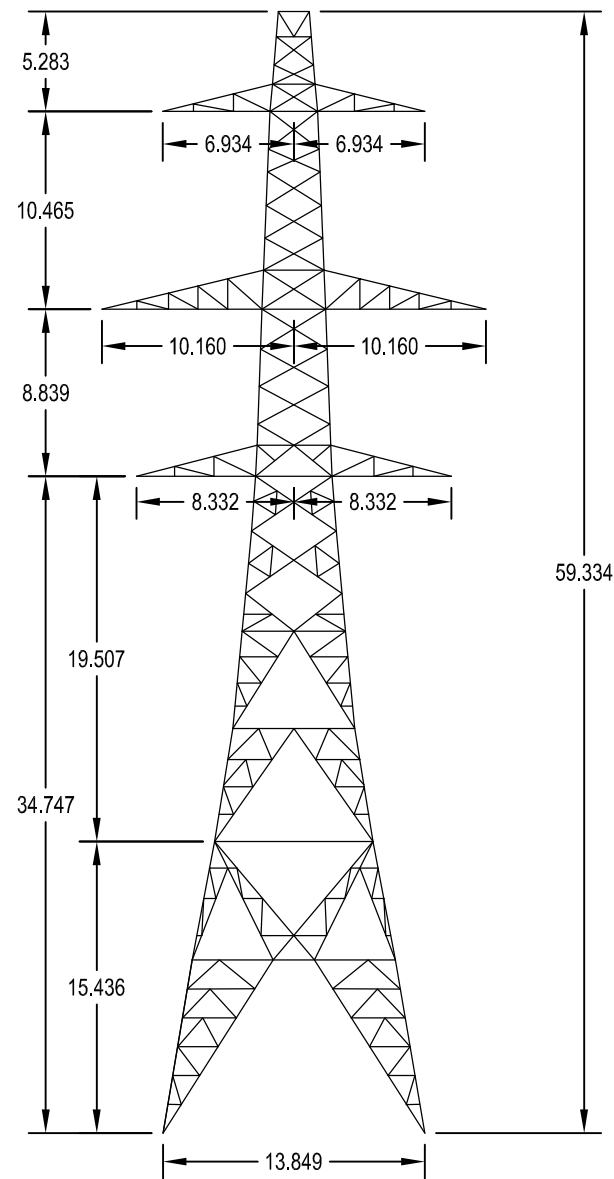
- 1) Construction of temporary mast north of the Eggborough - Rochdale circuit.
- 2) Outage of the Eggborough - Rochdale circuit and moved onto temporary mast.
- 3) Return to service of the Eggborough - Rochdale circuit.
- 4) Outage on the Eggborough Ferrybridge circuit. Construction of temporary ST tower 4YR003T .
- 5) Replacement of 4YR002 with L13 4YR002R.
- 6) Conductor 4YR001- 4YR002R - 4YR003T - 4YR004
- 7) Eggborough - Ferrybridge circuit returned to service.
- 8) Outage on Eggborough - Rochdale circuit, demolition of 4YR003, construction of 4YR003R, removal of temporary mast. and reconductor 4YR001 - 4YR002R - 4YR003R - 4YR004.
- 9) Return to service Eggborough - Rochdale circuit.
- 10) Outage on Eggborough - Ferrybridge circuit, construction of downloads into substation.
- 11) Return to service of Eggborough - Knottingley and Knottingley - Ferrybridge circuits and removal of temporary tower 4YR003T.

KEY	
	Temporary 400kV OHL
	Existing 400kV OHL
	Option 3

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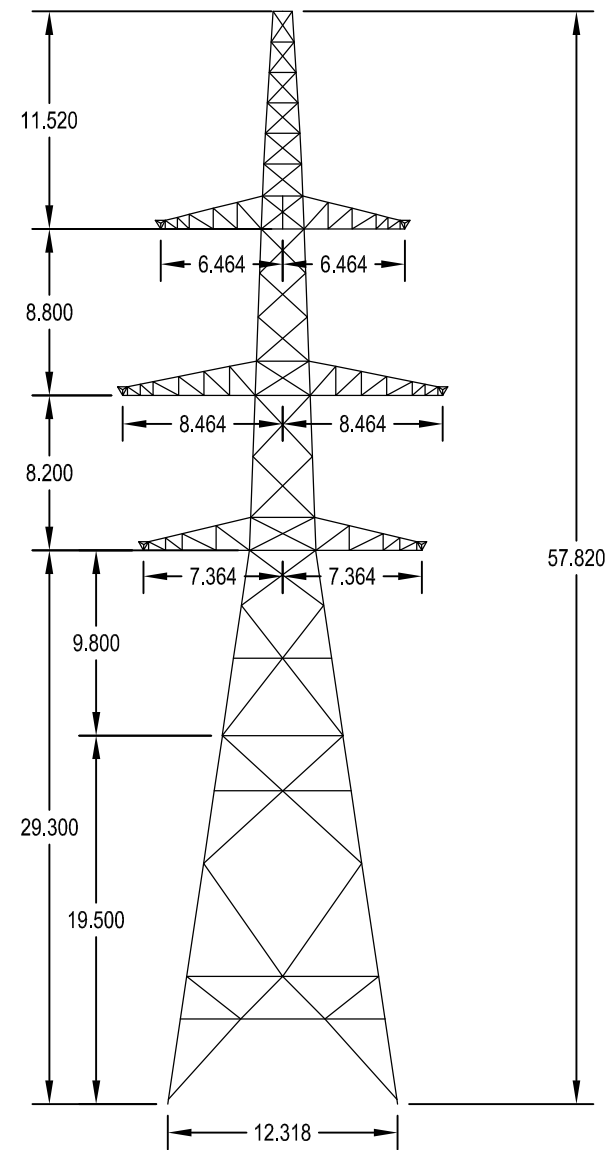
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D	04/09/2013	REVISED BORDER DETAIL AND INDICATIVE STAMP	AS	SY	AWH				
C	13/02/2013	4YR003R & 4YR002R REVISED POSITIONS	AS	SY	AWH				
B	07/12/2012	FIRST ISSUE	AS	SY	AWH				
A	16/11/2012		AS	SY	AWH				
ISSUE	DATE	REVISION	DESIGN	DRAWN	CHK'D				
NATIONAL GRID PLC, WARWICK TECHNOLOGY PARK, GALLOWS HILL, WARWICK, CV34 6DA									
TITLE 400 kV OVERHEAD TRANSMISSION LINE KNOTTINGLEY GENERATION CONNECTION LINE ENTRY OPTION 3 - PROPOSED LAYOUT									
ROUTE / CIRCUIT EGGBOROUGH - ROCHDALE & EGGBOROUGH - FERRYBRIDGE 'C'									
ENERGYLINE PROJECT / DRG No. 90NG475/12/001			SHT No. 1	No. OF SHTS 2					
CLIENT nationalgrid			CLIENTS PROJECT REF. 31868						
CLIENTS DRG No. 12/EN/0031			SCALE 1:2500						
			ELEC FORM DWG						
			SHT SIZE A3						
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A	B	C	D						
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TRANSVERSE ELEVATION

L6 BICC D E30'
EXISTING TOWER 4YR02



TRANSVERSE ELEVATION

L13 D30° (0°-10°) E9
REPLACEMENT TOWER (4YR02R)

Notes

1. All dimensions in metres.
2. Secondary bracing on L13 Tower omitted.

References

- L6 D Tower
- 35/7292 - Tower and Foundation L6 BICC.
 - BB35/45300 - Line Diagram for D Type Tower and Extensions L6 BICC
- L13 D30° (0°-10°) E9' Tower
- BNT167/7049 Rev B - L13 D30° (0°-10°) OUTLINE DRAWING.

INDICATIVE



SCALE BAR

ISSUE	DATE	REVISION	DESIGN	DRAWN	CHK'D	APP'D
B	04-09-13	REVISED BORDER DETAIL AND INDICATIVE STAMP	S.Y.	A.S.	R.H.S.	A.W.H.
A	05-03-13	FIRST ISSUE	S.Y.	S.Y.	A.J.S.	A.W.H.

NATIONAL GRID PLC, WARWICK TECHNOLOGY PARK,
GALLOW HILL, WARWICK, CV34 6DA

TITLE
EXISTING AND REPLACEMENT TOWER
4YR02

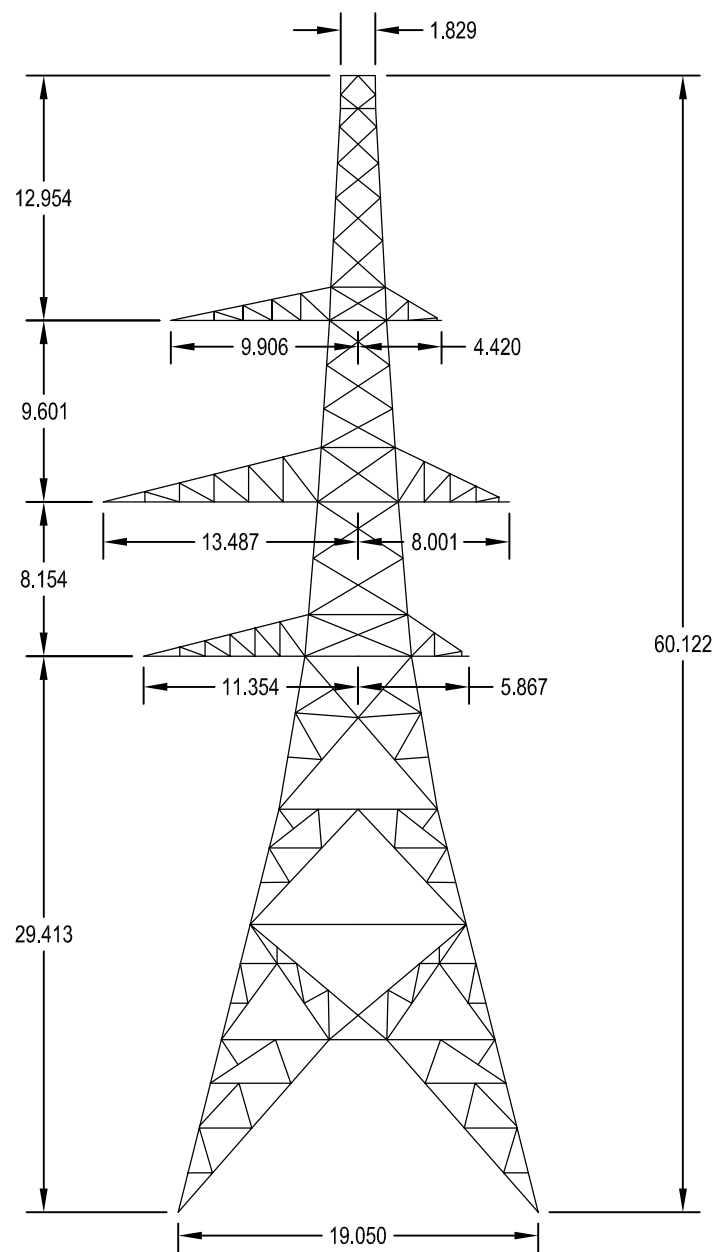
ROUTE /
CIRCUIT EGGBOROUGH-FERRYBRIDGE & EGGBOROUGH-ROCHDALE

ENERGYLINE PROJECT / DRG No.	SHT No.	No. OF SHTS
9ONG475/10/002	1	1

CLIENT
nationalgrid
CLIENTS PROJECT REF.
31868

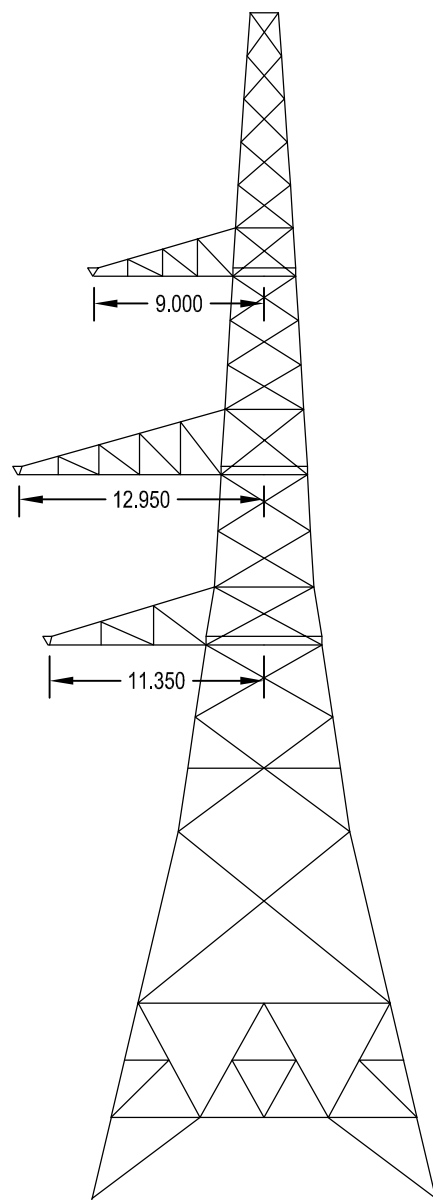
CLIENTS DRG No.	SCALE	1:400
10/EN/0002	ELEC FORM	DWG
	SHT SIZE	A3

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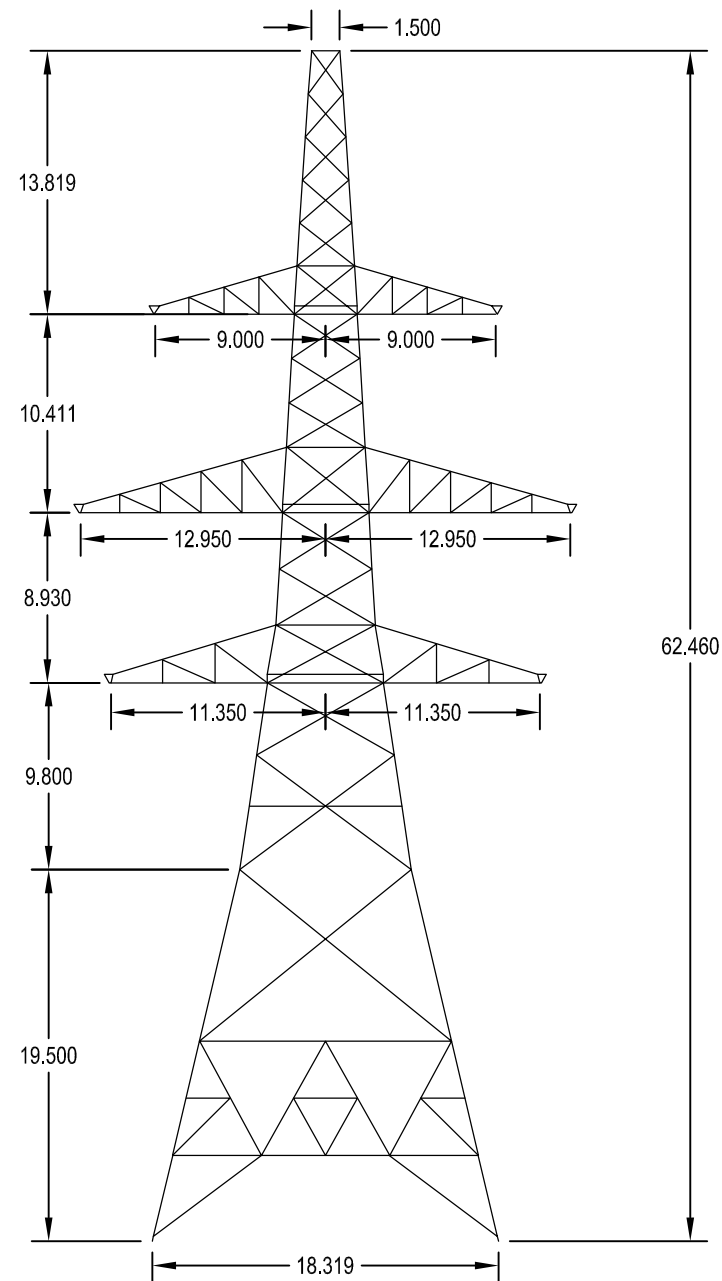
TRANSVERSE ELEVATION

L6 BICC D60° E30'
EXISTING TOWER 4YR03



LONGITUDINAL ELEVATION
SHOWING THIRD CROSSARM
(DJT TYPE TOWER ONLY)

L13 DJT E9
REPLACEMENT TOWER (4YR03R)



TRANSVERSE ELEVATION

Notes

- All dimensions in metres.
- Secondary bracing on L13 Tower omitted.

References

- L6 D60° Tower
- 35/7292 - Tower and Foundation L6 BICC.
 - BB35/45606 - Line Diagram for D60° Type Tower and Extensions L6 BICC
- L13 DJT E9' Tower
- BNT167/7056 Rev B - L13 DJT OUTLINE DRAWING.

INDICATIVE



SCALE BAR

B	04-09-13	REVISED BORDER DETAIL AND INDICATIVE STAMP	S.Y.	A.S.	R.H.S.	A.W.H.
A	05-03-13	FIRST ISSUE	S.Y.	S.Y.	A.J.S.	A.W.H.
ISSUE	DATE	REVISION	DESIGN	DRAWN	CHK'D	APP'D

NATIONAL GRID PLC, WARWICK TECHNOLOGY PARK,
GALLOWS HILL, WARWICK, CV34 6DA

TITLE
EXISTING AND REPLACEMENT TOWER
4YR03

ROUTE /
CIRCUIT EGGBOROUGH-FERRYBRIDGE & EGGBOROUGH-ROCHDALE

ENERGYLINE PROJECT / DRG No.	SHT No.	No. OF SHTS
90NG475/10/001	1	1

CLIENT
nationalgrid

CLIENTS PROJECT REF.
31868

CLIENTS DRG No.	SCALE	1:400
10/EN/0001	ELEC FORM	DWG
	SHT SIZE	A3

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