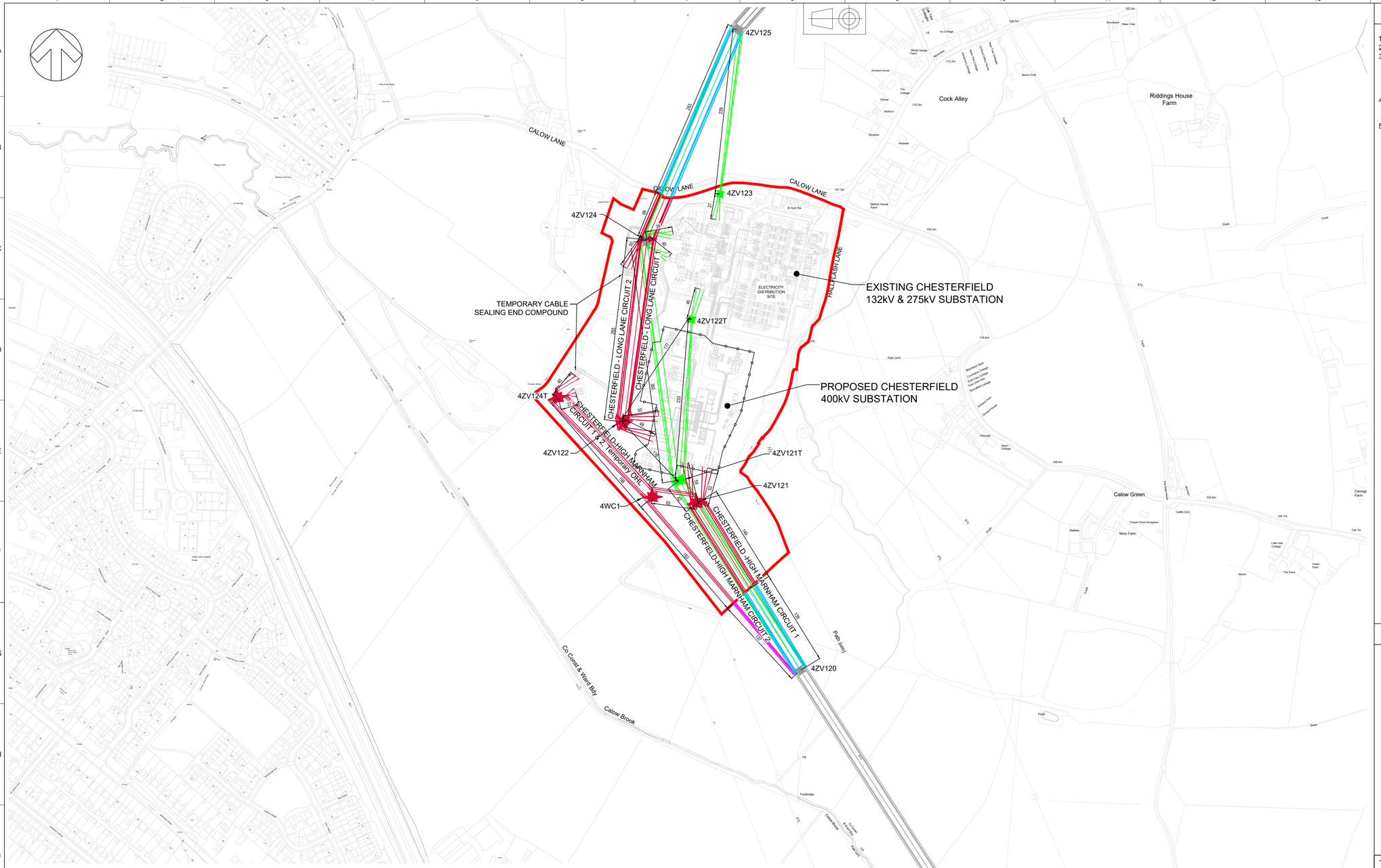

NOTES:

1. THIS DRAWING IS FOR CONSENTING PURPOSES ONLY.
2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED.
3. DRAWING PRESENTS DETAILS OF EXISTING OVERHEAD LINES AND PROPOSED OVERHEAD LINE ALTERATIONS. STATED COORDINATES REPRESENT CENTRES OF ALL APPLICABLE NEW TOWER LOCATIONS. SHOWN TOWER OUTLINE GEOMETRY REPRESENT MAXIMUM DIMENSIONS (MAXIMUM HEIGHT, FOOTPRINT AND ARM SPAN.
4. THE PROPOSED FREEHOLD BOUNDARY INDICATED ON THIS DRAWING IS THE AGREED FREEHOLD BOUNDARY. NATIONAL GRID OWN THE LAND INDICATED AT THE DATE OF ISSUE OF THIS DRAWING.
5. ALL CLEARANCES FOR OHL's WILL BE IN ACCORDANCE WITH ENA TS 43.8. AND NG TS 2.04.

0 1:3000 150 metres

LEGEND

- EXISTING
- NEW EQUIPMENT
- OHL REQUIRING SECTION 37 CONSENT
- OHL UNDER EXISTING CONSENT
- OHL TEMPORARY - EXEMPTION REGULATIONS 2009
- OHL PERMITTED DEVELOPMENT RIGHTS
- NATIONAL GRID FREEHOLD BOUNDARY
- TO BE REMOVED

Existing Overhead Lines to be Removed - Chesterfield

Ref.	OHL Ref.	OHL Voltage (kV)	Circuit Identity	Tower Removal	Total Length (m)	Applicable Consent
1	4ZV	275	Chesterfield - Brinsworth 1	Tower 4ZV123TOnly	276	Existing Rights
			Chesterfield - Brinsworth 2	None	39	N/A
2	4ZV	275	Chesterfield - High Marnham 1	Towers 4ZV121Tand 4ZV122T	320	Existing Rights
			Chesterfield - High Marnham 2	Tower 4ZV121TOnly	432	Existing Rights

New Proposed Permanent Overhead Lines - Chesterfield

Ref.	OHL Ref.	OHL Voltage (kV)	Circuit Identity	Tower Installation	Total Length* (m)	S37 Length* (m)	S37 Exemption Length* (m)	PD Rights Length* (m)
1	4ZV	400	Chesterfield -Long Lane 1	Tower 4ZV122 Only	431	-	-	431
			Chesterfield -Long Lane 2					
2	4ZV	400	Chesterfield - High Marnham 1	Tower 4ZV121 Only	257	-	-	257
			Chesterfield - High Marnham 2					

New Proposed Temporary Overhead Lines - Chesterfield

Ref.	OHL Ref.	OHL Voltage (kV)	Circuit Identity	Tower Installation	Total Length* (m)	S37 Length* (m)	S37 Exemption Length* (m)	PD Rights Length* (m)	Duration
1	4ZV	275	Chesterfield - Brinsworth 1	No Temporary Towers**	50	-	-	50	>12 months***
2	4ZV	275	Chesterfield - High Marnham 1	No Temporary Towers**	435	-	-	435	>12 months***
3	4ZV	275	Chesterfield - High Marnham 2	Towers from 4ZV121 to 4ZV124T(Temp)	568	137	-	431	>12 months >12 months***

* Proposed Permanent and Temporary Overhead Line Lengths are measured from the departure from the existing overhead line alignment up to the relevant gantry inside the proposed substation compound (for double circuits, measurements include both downleads in the total measurements). Sections of reconductoring within the existing overhead line alignment, shown in light blue, are not included in the summations and are covered by National Grid's existing rights.

** Utilises Existing and Proposed Permanent Towers Only

*** Includes a temporary Cable Sealing End Compound

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Rev.	Date	Comment	Drw by	Check	Rev by	Appr.
P04	06/10/26	Tower ID updated on sheet 2	KP	VS	RMJB	RMJB
P03	10/06/26	Issued for review & acceptance	MM	VS	RMJB	RMJB
P02	03/06/26	Issued for comments	MM	VS	RMJB	RMJB
P01	08/05/26	First issue	MM	VS	RMJB	RMJB

NATIONAL GRID INVESTMENT NUMBER: 101812 - 205848

nationalgrid
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Site: BRINSWORTH TO CHESTERFIELD & CHESTERFIELD TO HIGH MARNHAM

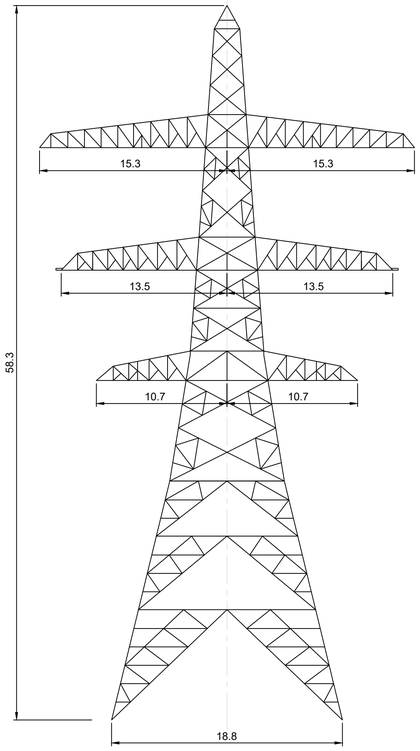
Title: CHESTERFIELD 400kV SUBSTATION S37 OVERHEAD WORKS PLAN SHEET 001

Purpose of issue: SHARED FOR REVIEW AND ACCEPTANCE — Status: S5

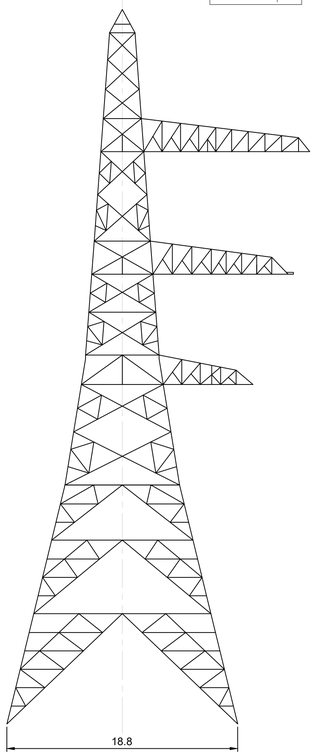
Contractor Drawing No.: EDEU-WSP-OH71-CHTE4-PLN-OC-000002 — Revision: P04

Customer Drawing No. — Sheet 001 of 002 — Issue: A

Drawn	Checked	Reviewed	Approved	Date	Scale	Size
MM	VS	RMJB	RMJB	08/05/26	1:3000	A1

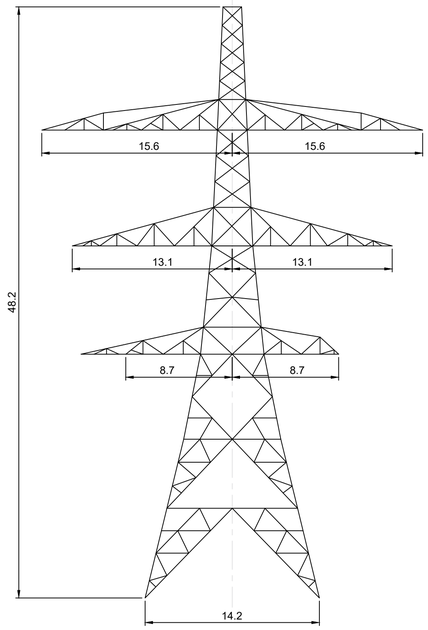


TRANSVERSE FACE



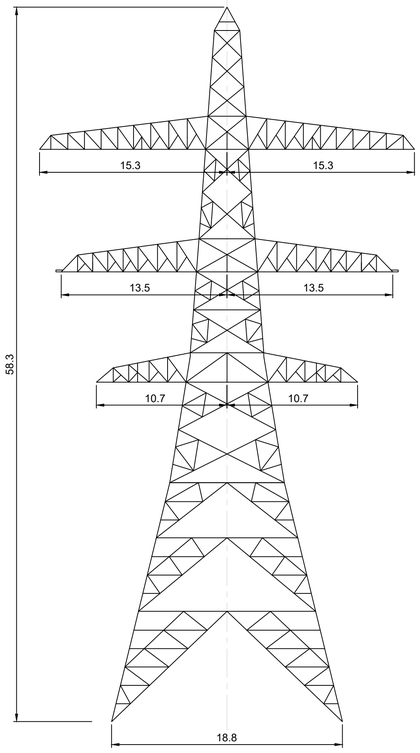
LONGITUDINAL FACE

L12 DT/DJ E9 - 3 SETS OF CROSS ARMS

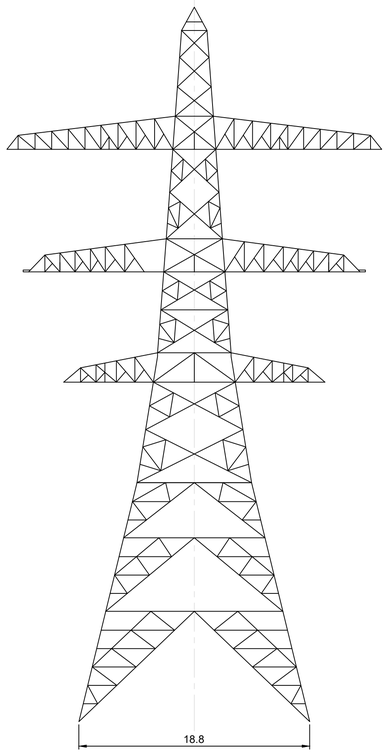


TRANSVERSE FACE

L6 DJT STD



TRANSVERSE FACE



LONGITUDINAL FACE

L12 DT/DJ E9 - 4 SETS OF CROSS ARMS

STRUCTURE OUTLINES

SCALE 1:250

TOWER DETAILS

TOWER ID	TOWER TYPE	X & Y COORDINATES
4ZV121	L12 DT/DJ E9	440889.5, 369535.4
4CW1	L12 DT/DJ E9	440825.0, 369544.1
4ZV124T	L12 DT/DJ E9	440688.2, 369687.7
4ZV122	L12 DT/DJ E9	440784.5, 369652.5
4ZV124	JLE L6 DJT STD*	440817.2, 369915.4

* EXISTING TOWER WITH NEW SET OF CROSSARMS BEING INSTALLED ON ONE FACE AND ANOTHER EXISTING SET OF CROSS ARMS BEING REMOVED

NOTES:

1. REFER TO SHEET 001 OF 002 FOR DETAILS

0 1:250 12.5 metres

LEGEND

- EXISTING
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- OHL UNDER EXISTING CONSENT
- OHL TEMPORARY - EXEMPTION REGULATIONS 2009
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Site: BRINSWORTH TO CHESTERFIELD & CHESTERFIELD TO HIGH MARNHAM

Title: CHESTERFIELD 400kV SUBSTATION
S37 OVERHEAD WORKS PLAN
SHEET 002

Purpose of issue: SHARED FOR REVIEW AND ACCEPTANCE						Status: S5
Contractor Drawing No.: EDEU-WSP-OH71-CHTE4-PLN-OC-000002						Revision: P04
Customer Drawing No.					Sheet 002 of 002	Issue: A
Drawn: MM	Checked: VS	Reviewed: RMJB	Approved: RMJB	Date: 08/05/26	Scale: 1:250	Size: A1