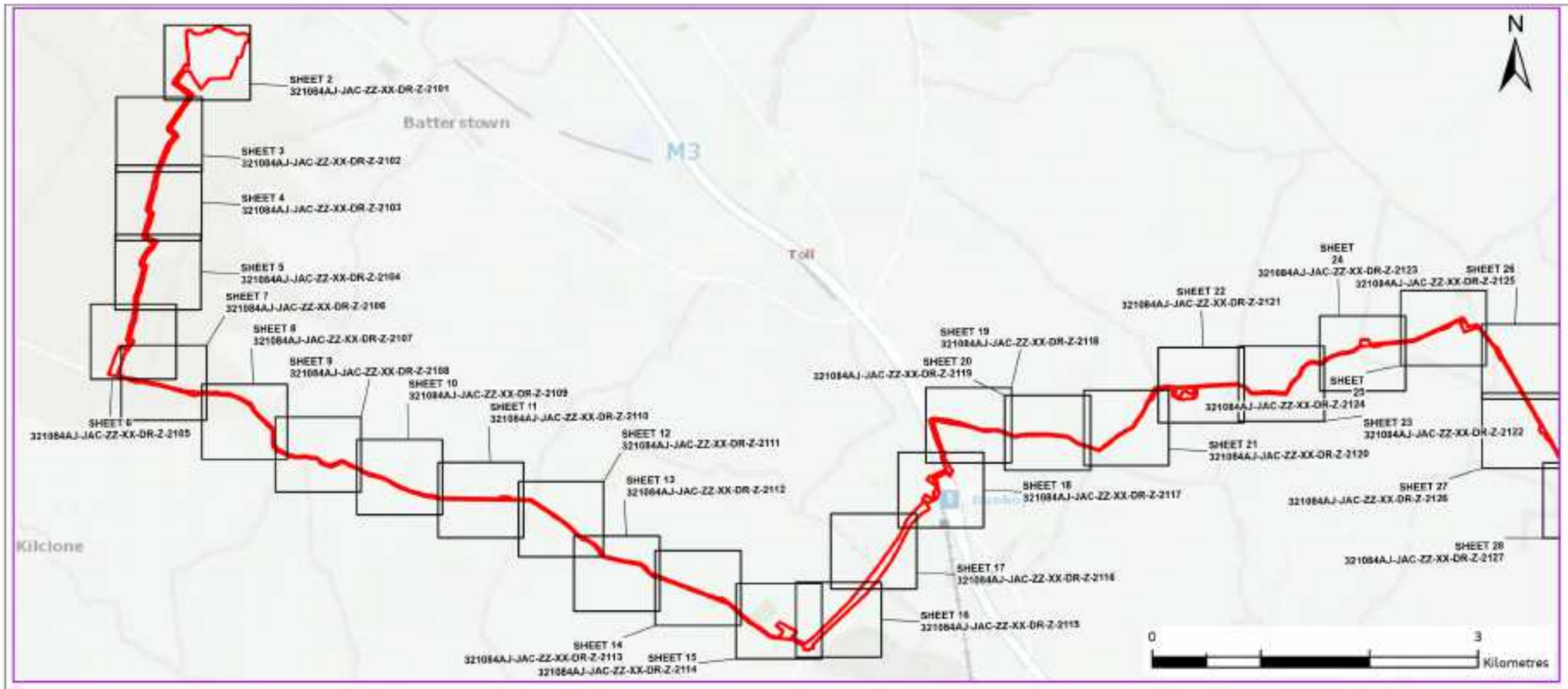
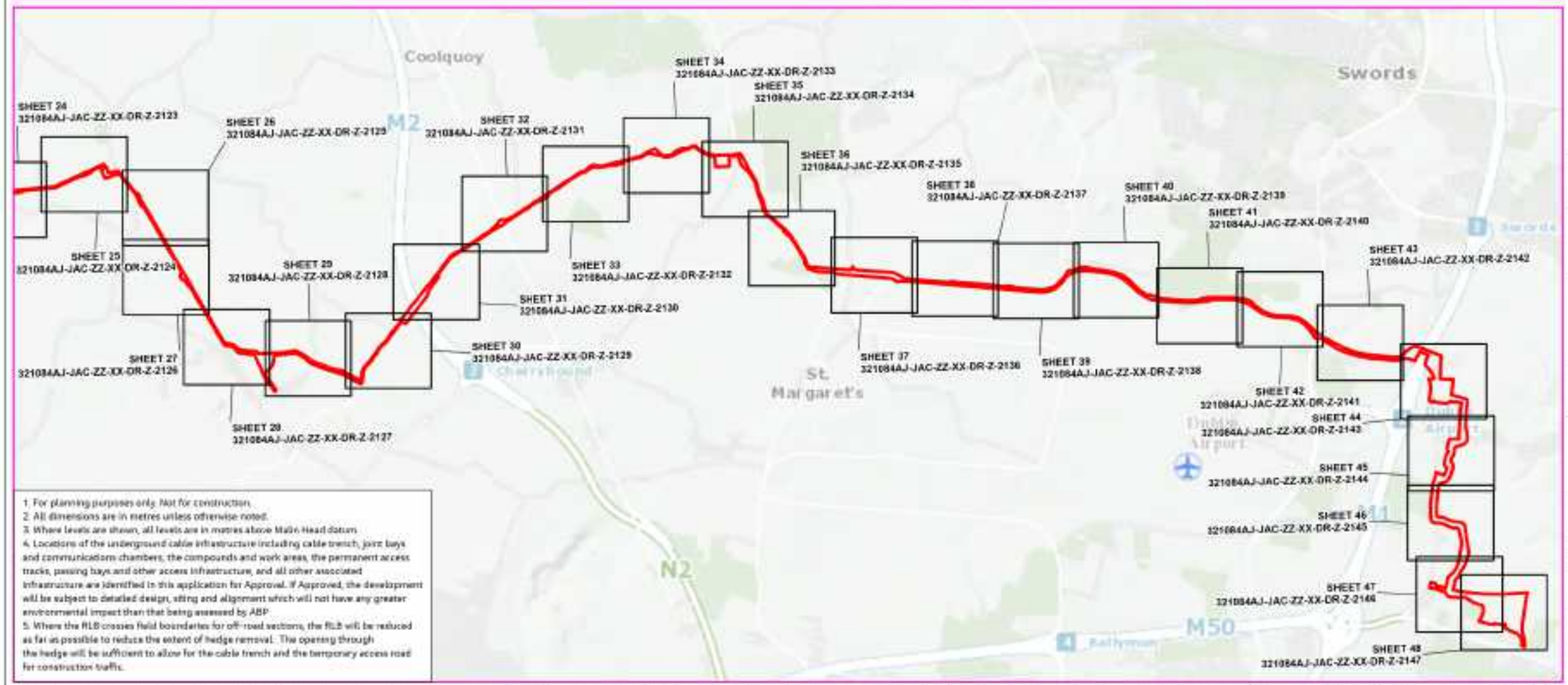
Figure 4.1

Legend

- Planning Application Boundary
- Proposed Development Sheet Map





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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NI	GS
0	Jan 2024	Draft	SMD	PR	NI	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 1 of 48)

Drawing Status: FINAL

Scale @ A3: DO NOT SCALE

Jacobs No: B321084AJ

Client No: CP1021

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-0371

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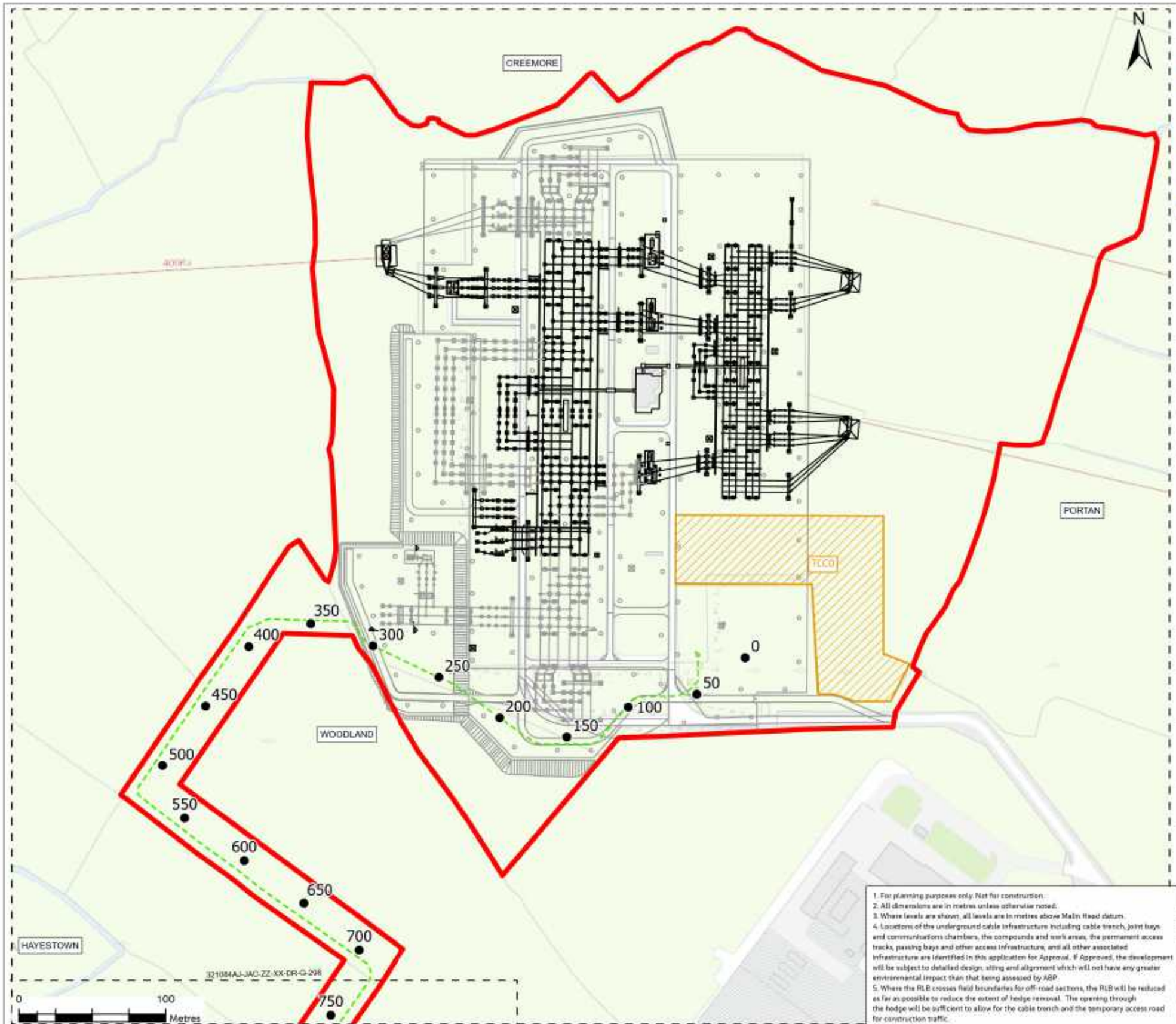

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Woodland Substation - Existing Infrastructure
- Woodland Substation - New Equipment
- Woodland Substation - Proposed Infrastructure
- Chainage
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-K-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 2 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	8321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-297	

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- 321084AJ-JAC-ZZ-XX-DR-X-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 3 of 48)

Drawing Status: Final

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Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-298	

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 4 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-299	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 5 of 48)

Drawing Status: Final

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Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-300	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary Passing Bay
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 6 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-301

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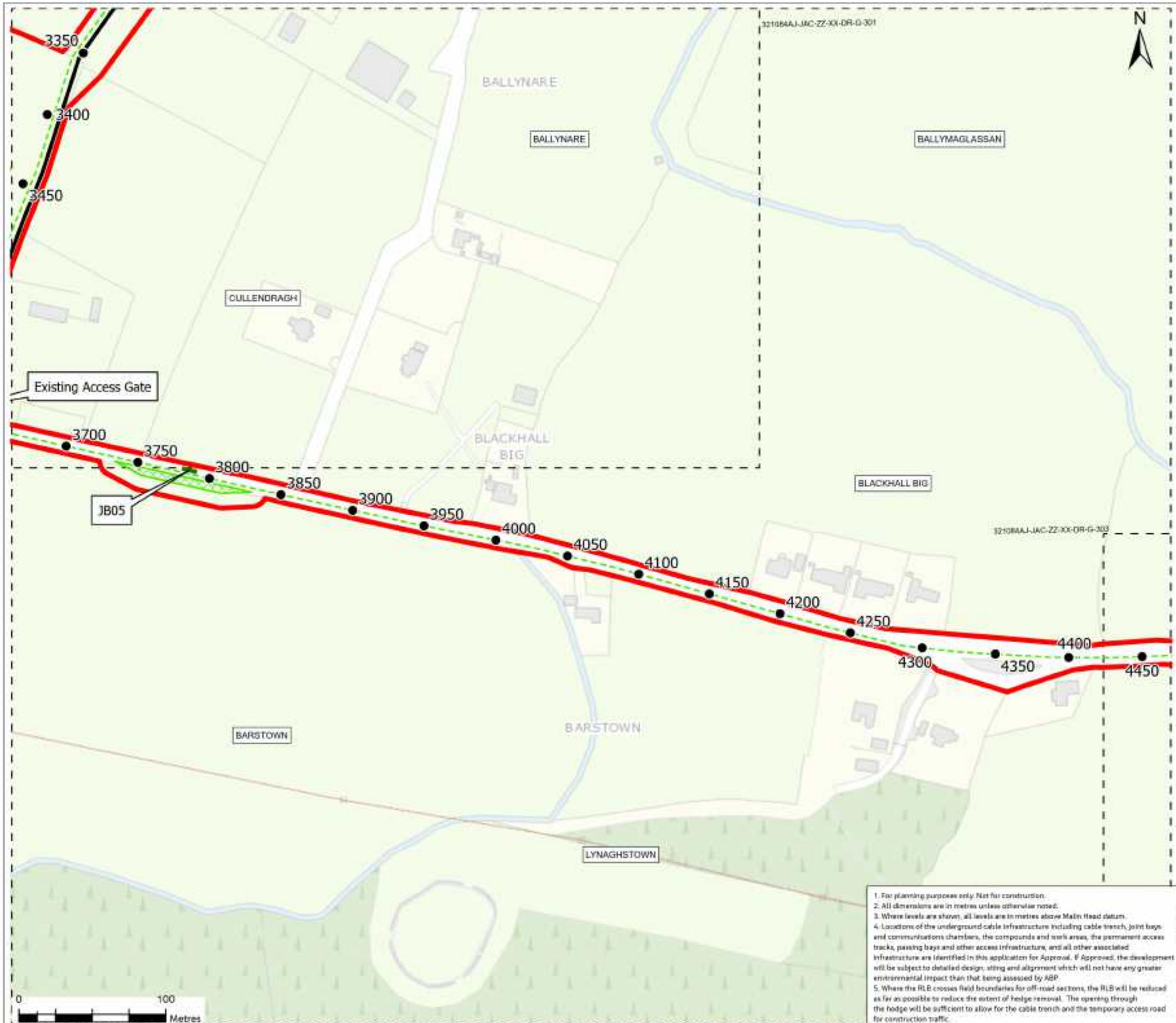
Figure 4.1



Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Joint Bay Access Track Route
- Temporary Passing Bay
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-300 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 7 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-302	

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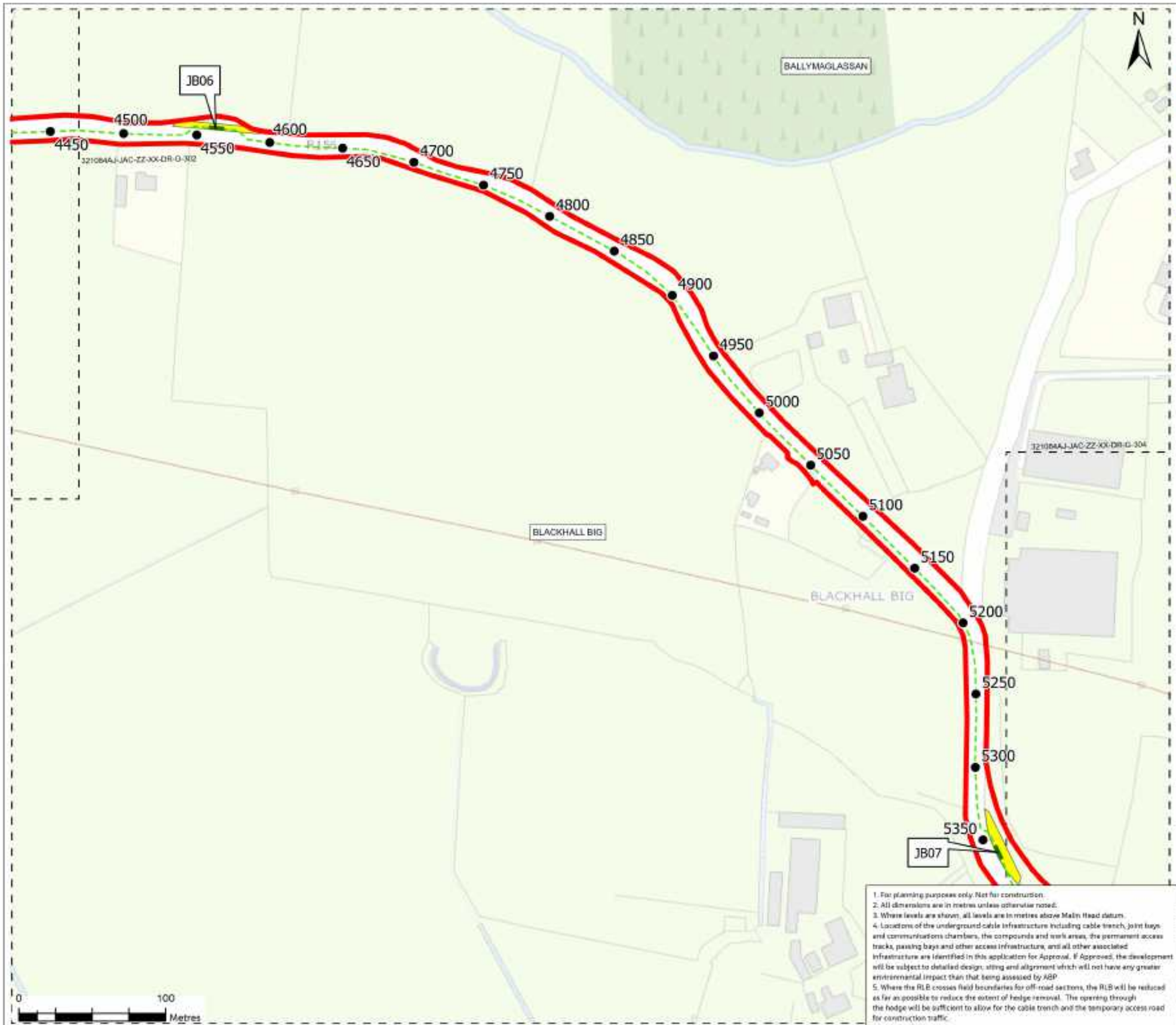

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- 321084AJ-JAC-ZZ-XX-DR-K-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 8 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	8321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-303	

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4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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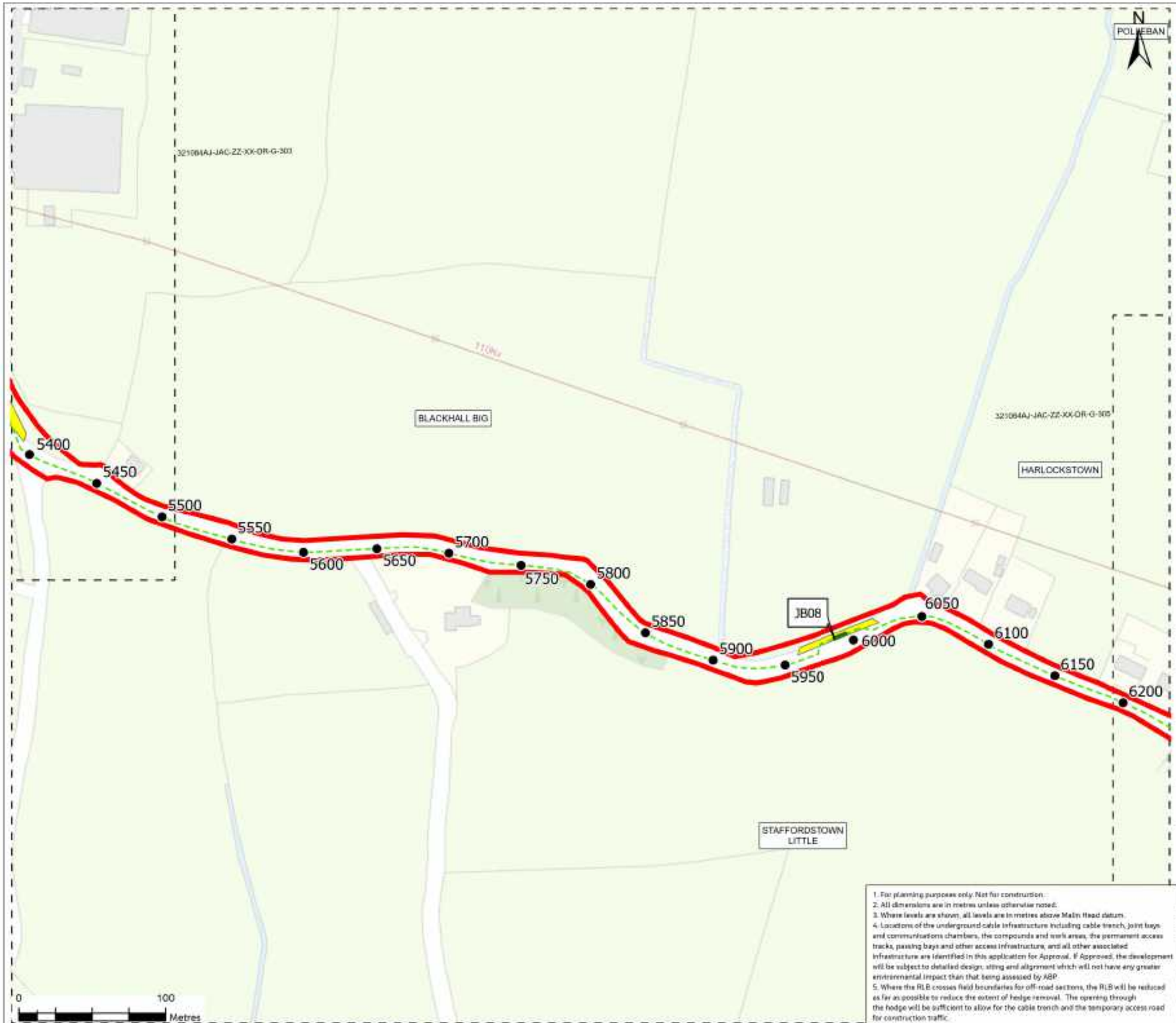

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- 321084AJ-JAC-ZZ-XX-DR-C-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 9 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-304	

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3. Where levels are shown, all levels are in metres above Malin Head datum.
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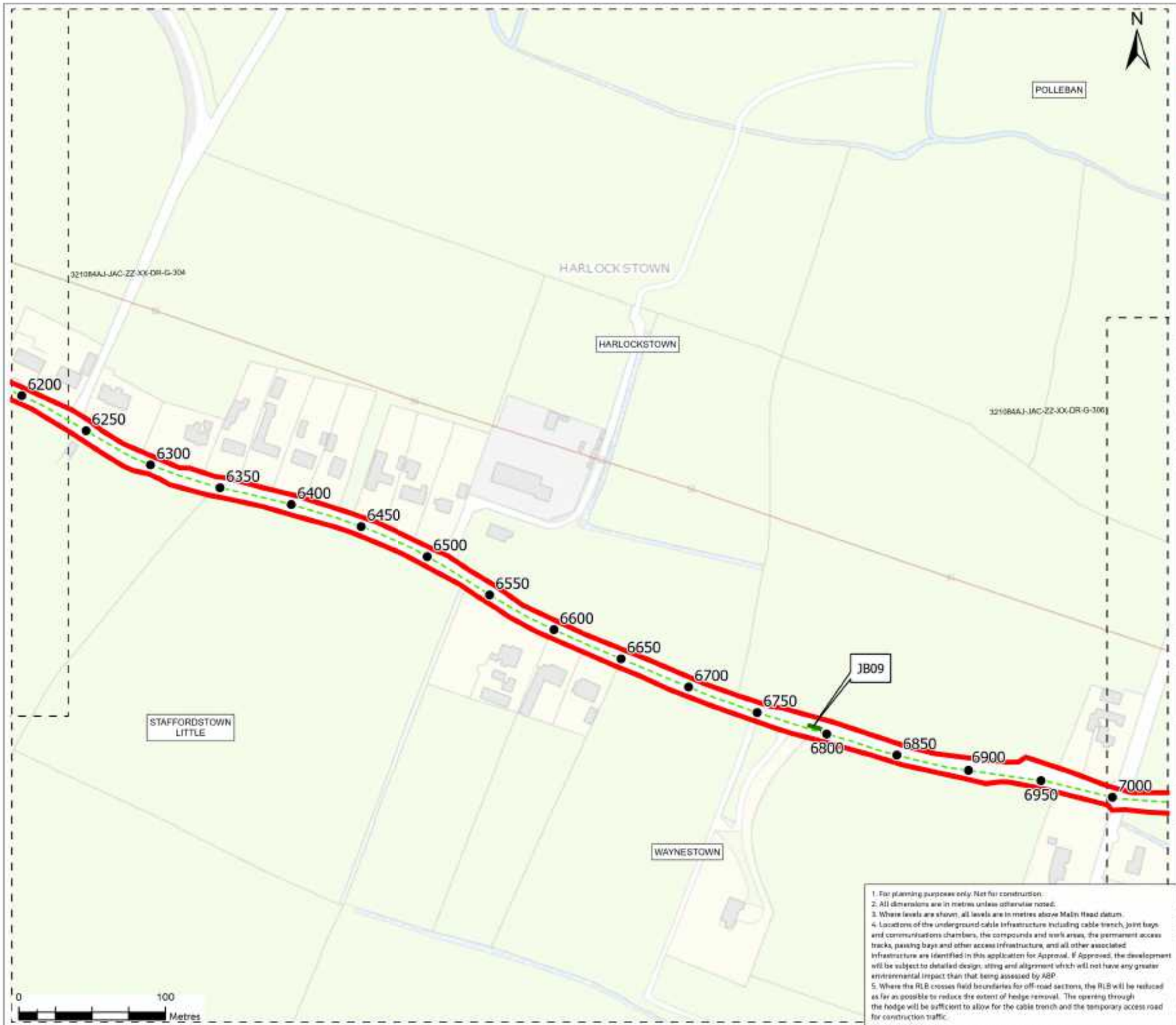

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 10 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-305	

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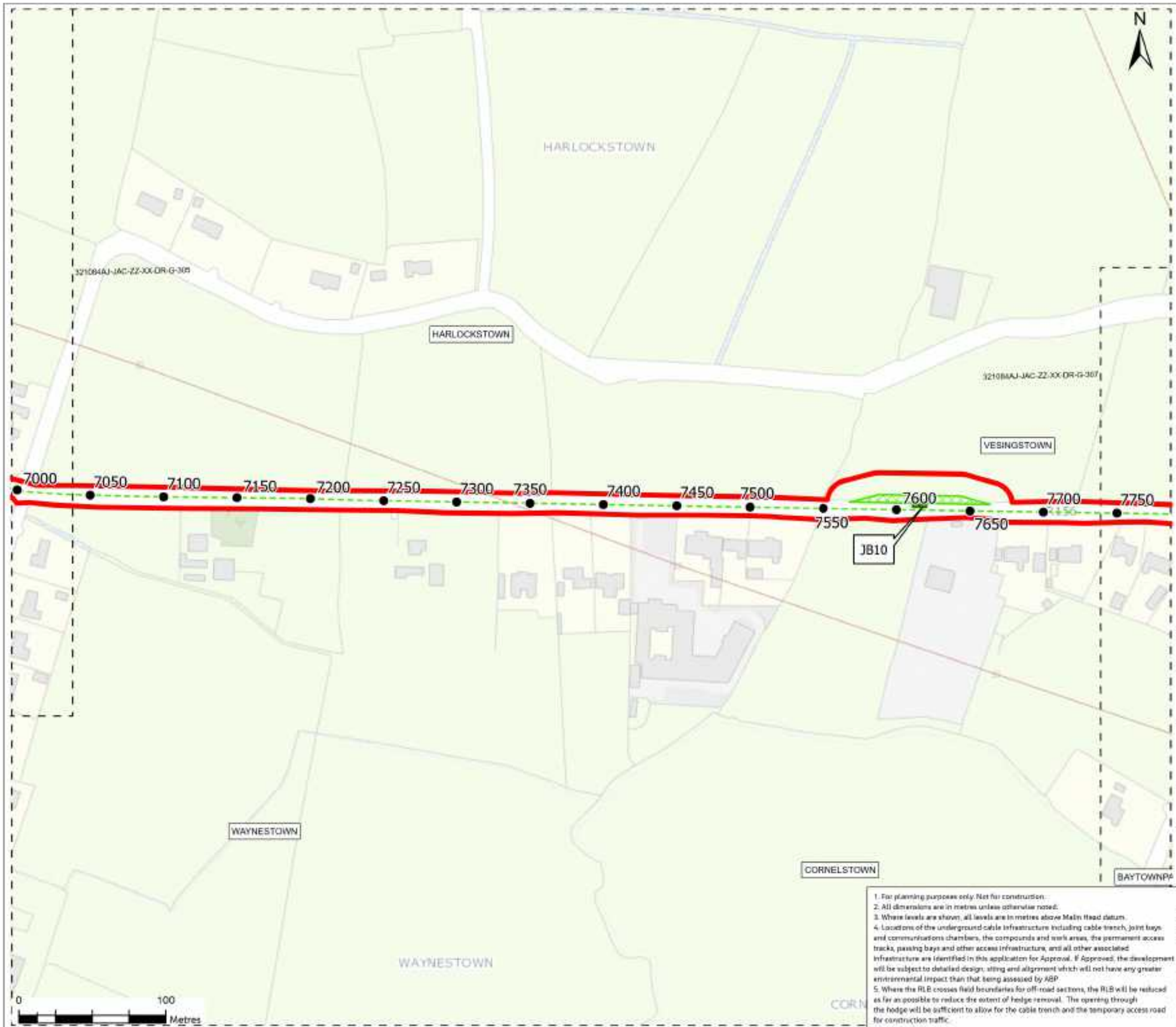

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-C-0006 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client

EirGrid

Project

East Meath - North Dublin Grid Upgrade

Drawing Title

Figure 4.1 Proposed Development Overview (Sheet 11 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-306	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 12 of 48)

Drawing Status: Final

Scale @ A3: 1:2,500 — DO NOT SCALE

Jacobs No: B321084AJ

Client No: CP1021

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-307

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4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 13 of 48)

Drawing Status: Final

Scale @ A3: 1:2,500 — DO NOT SCALE

Jacobs No: B321084AJ

Client No: CP1021

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-308

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

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321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 14 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-309	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-0309 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 15 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-310	

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 16 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-311	

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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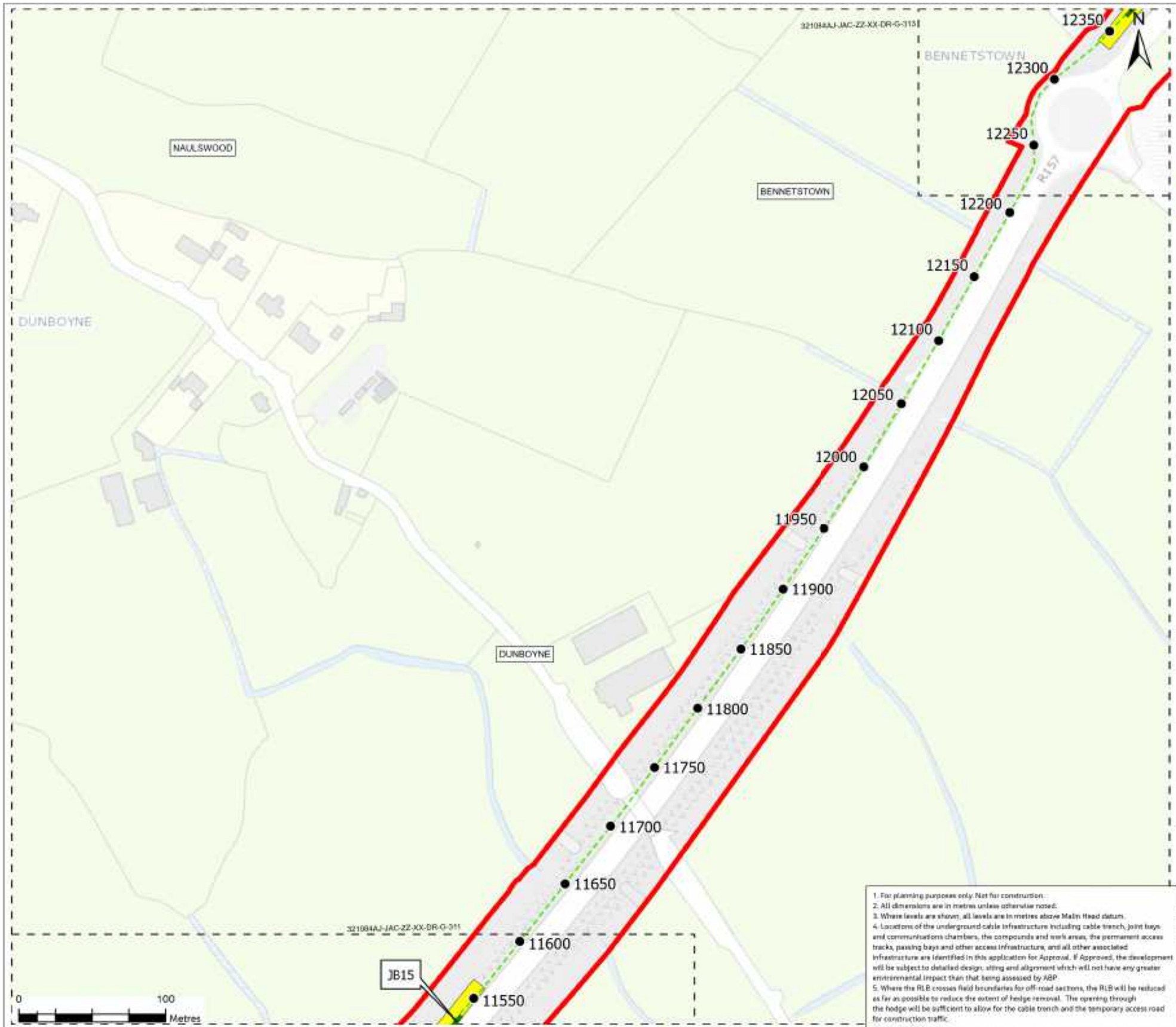

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- 321084AJ-JAC-ZZ-XX-DR-C-0009 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 17 of 48)

Drawing Status: Final

Scale @ A3: 1:2,500 — DO NOT SCALE

Jacobs No: B321084AJ

Client No: CP1021

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-312

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4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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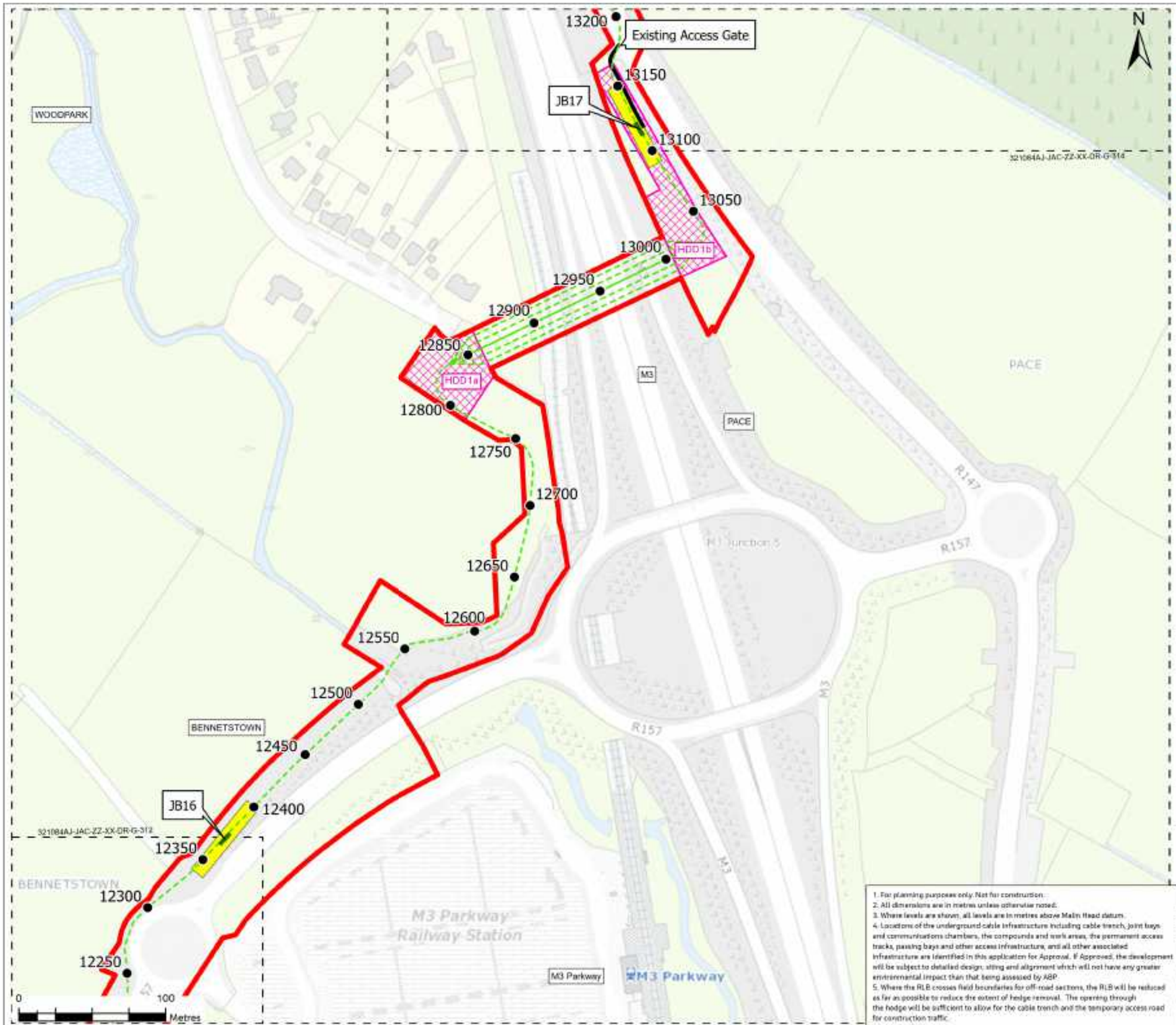

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary HDD Compound
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 18 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-313	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary HDD Compound
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail – Joint Bay and Passing Bay Arrangements - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 – Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Handstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 19 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-314	

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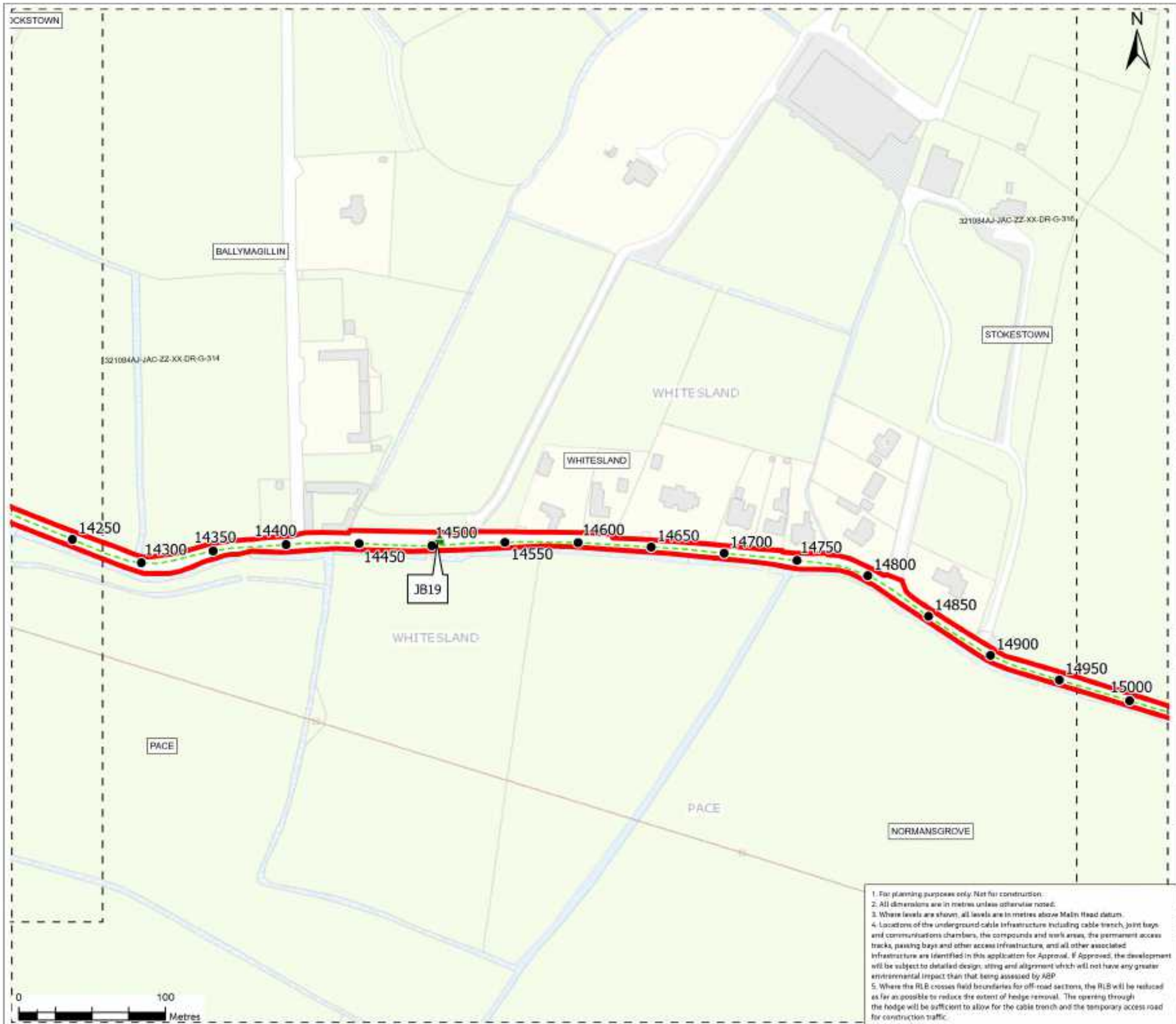

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

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321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 20 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-315	

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4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- 321084AJ-JAC-ZZ-XX-DR-C-0006 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 21 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-316	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 22 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-317	

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4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- 321084AJ-JAC-ZZ-XX-DR-G-00000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 23 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-318	

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3. Where levels are shown, all levels are in metres above Malin Head datum.
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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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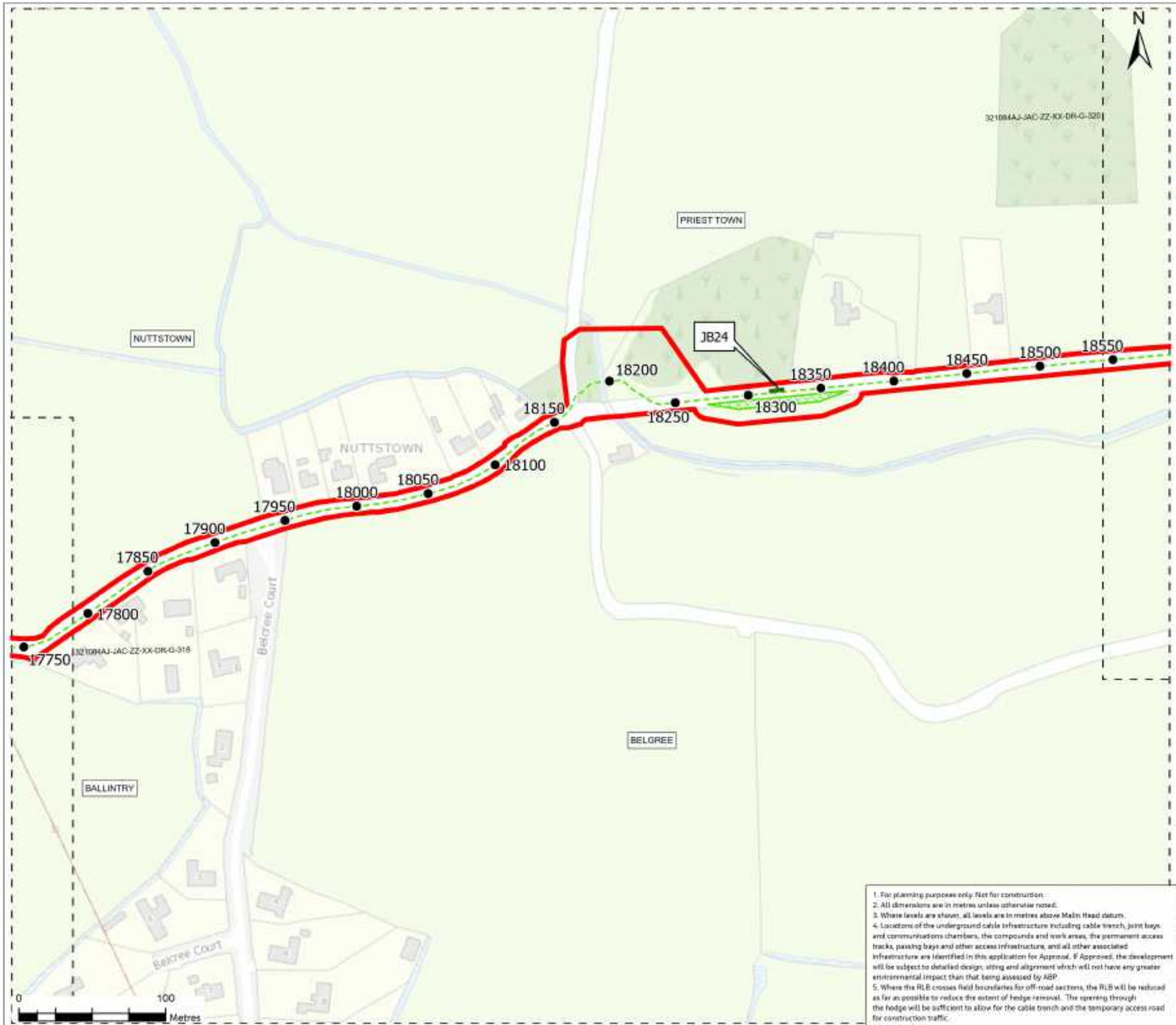

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 24 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-319	

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3. Where levels are shown, all levels are in metres above Malin Head datum.
4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-C-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 25 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-320	

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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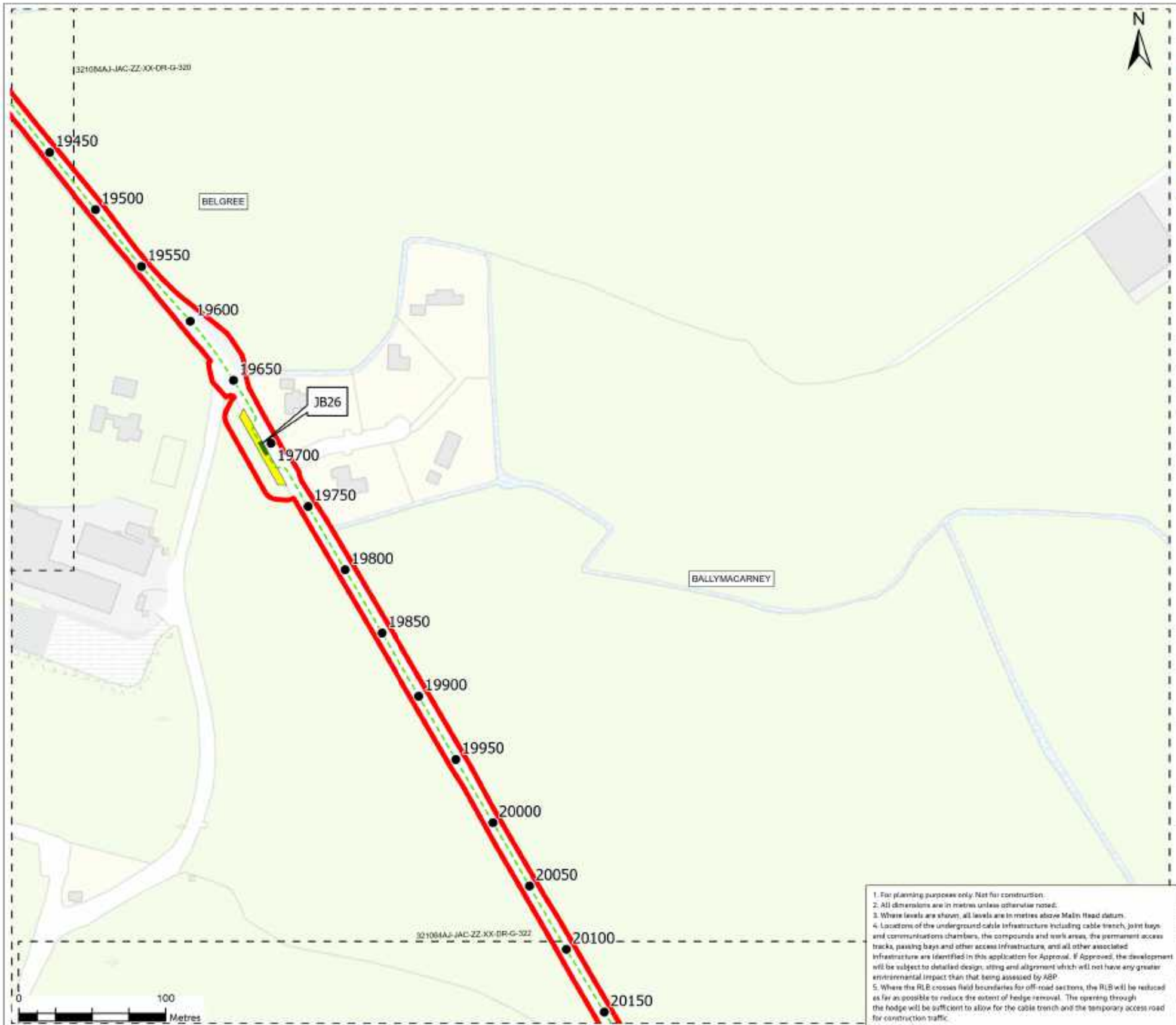

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 26 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-321	

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2. All dimensions are in metres unless otherwise noted.
3. Where levels are shown, all levels are in metres above Malin Head datum.
4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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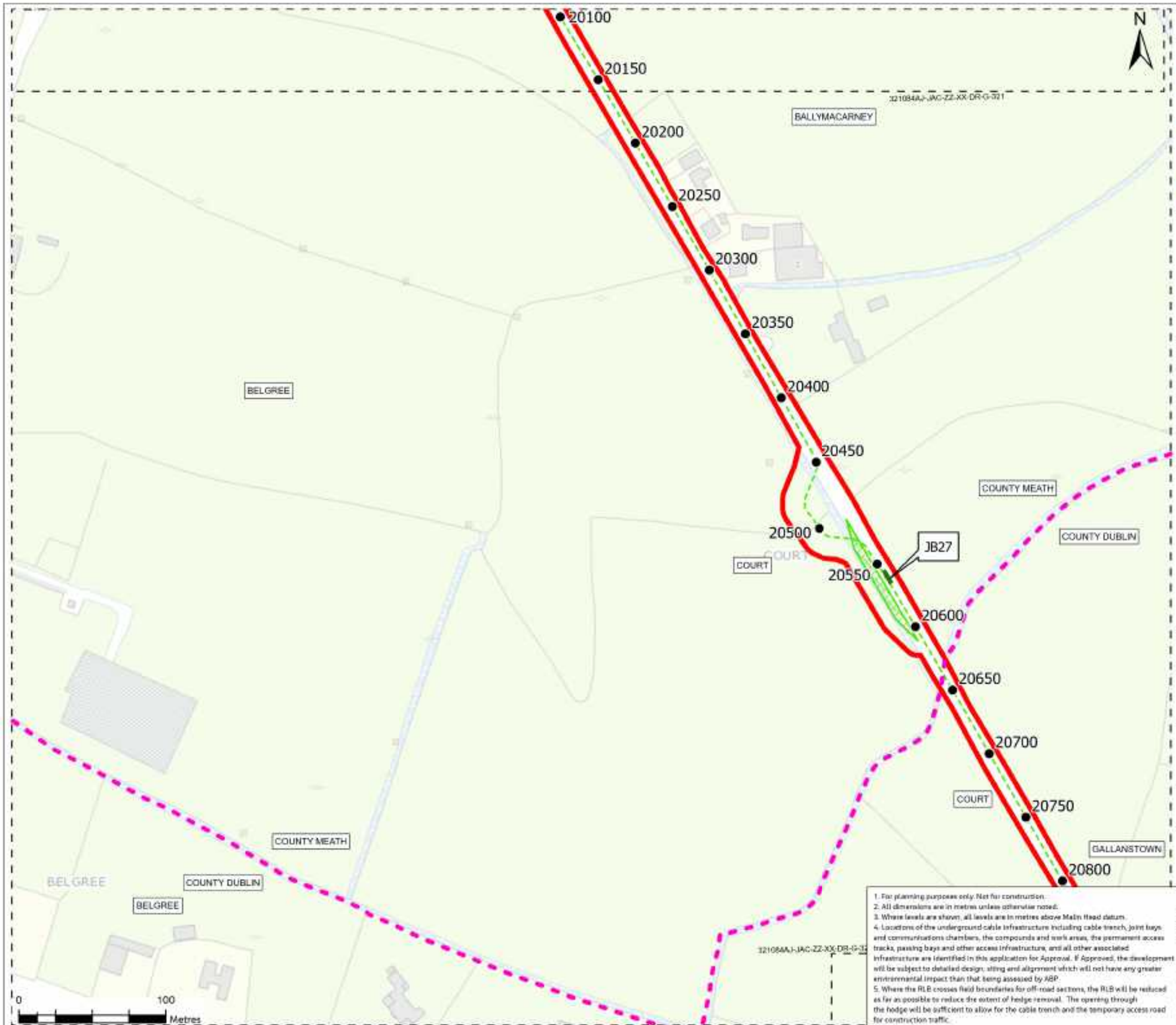

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- County Boundary
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 27 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-322	

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2. All dimensions are in metres unless otherwise noted.
3. Where levels are shown, all levels are in metres above Malin Head datum.
4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 28 of 48)

Drawing Status: Final

Scale @ A3: 1:2,500 — DO NOT SCALE

Jacobs No: B321084AJ

Client No: CP1021

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-323

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2. All dimensions are in metres unless otherwise noted.
3. Where levels are shown, all levels are in metres above Malin Head datum.
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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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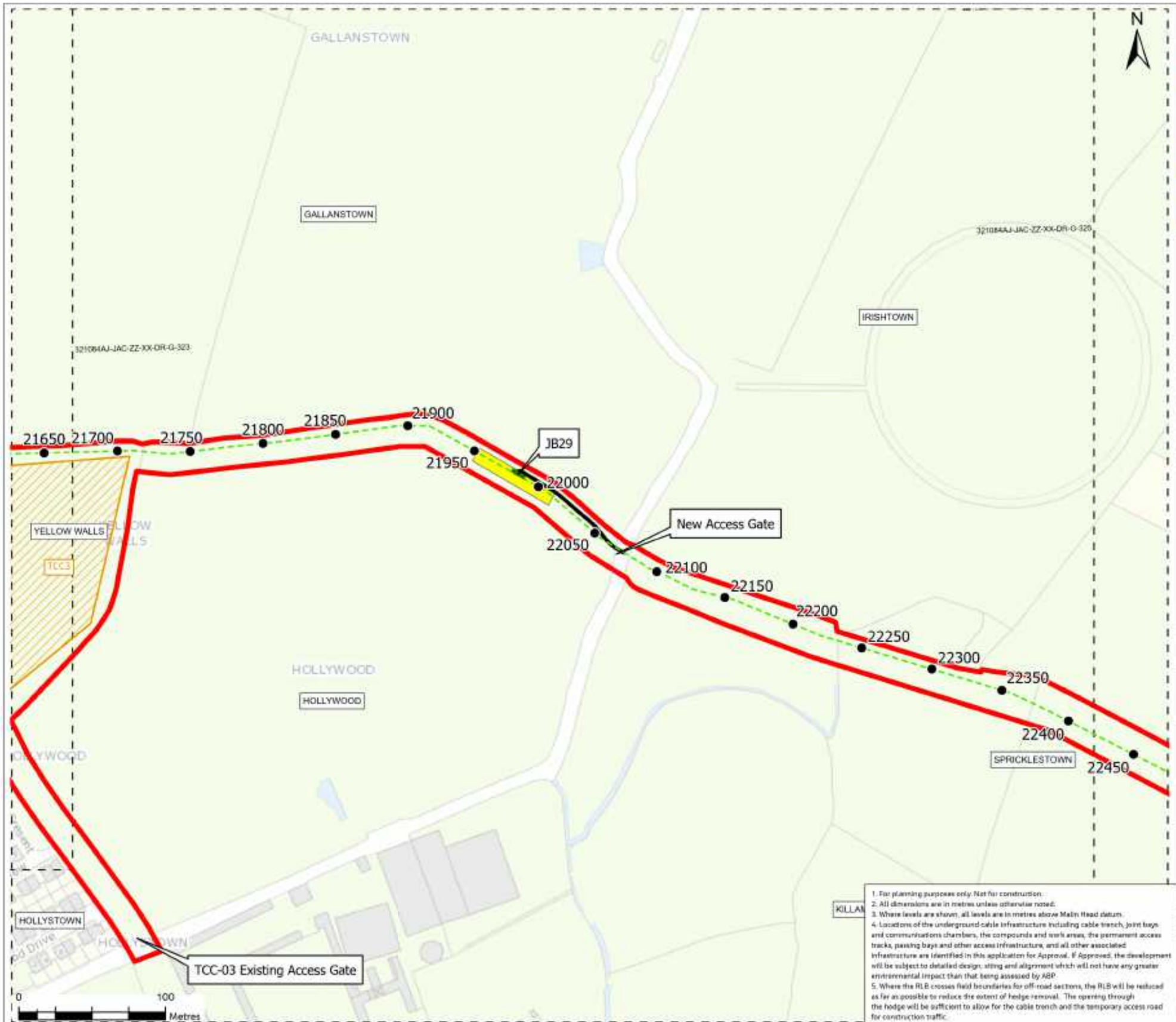

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 29 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-324	

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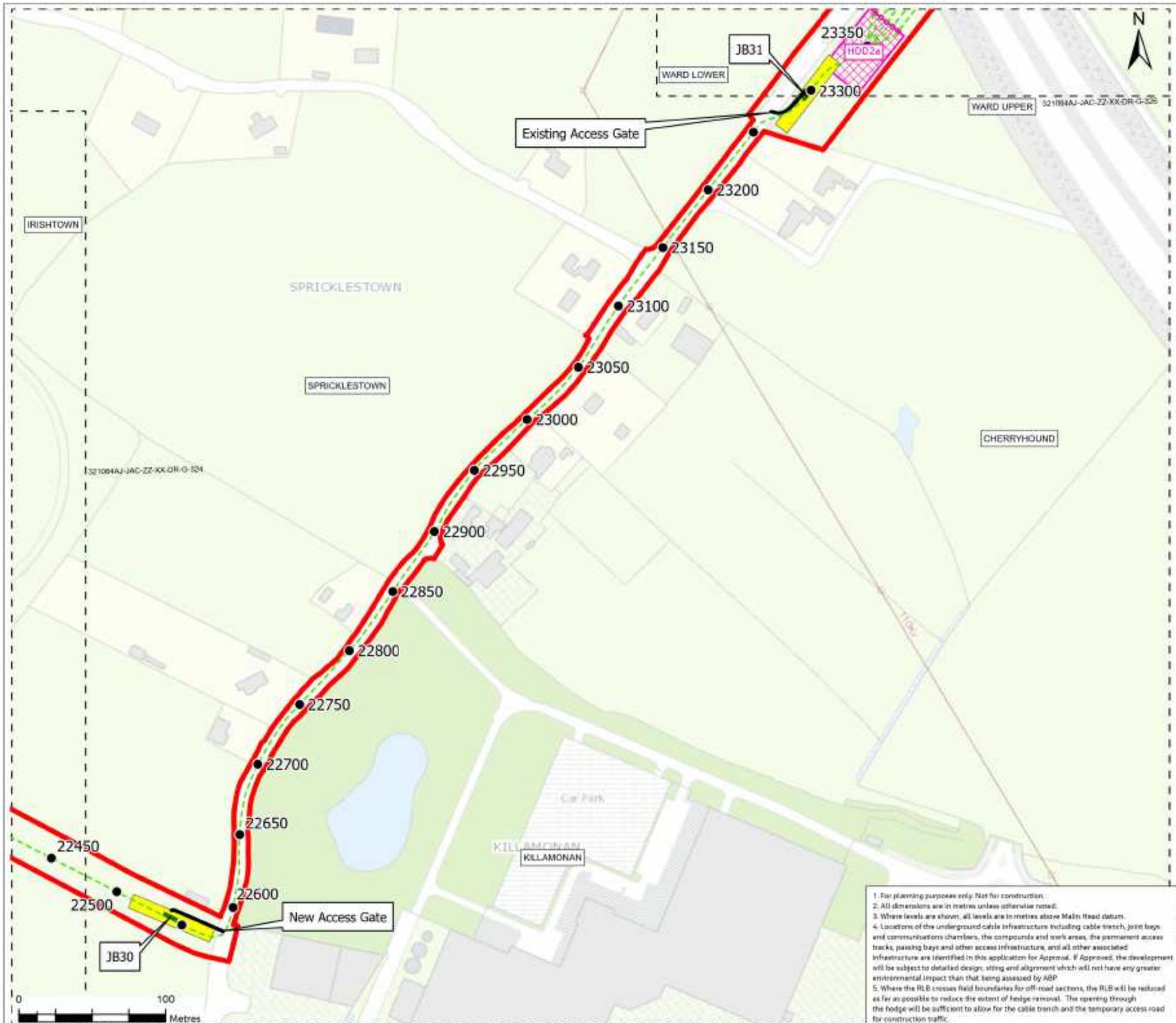
Figure 4.1



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Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary HDD Compound
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

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321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 30 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-325	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary HDD Compound
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

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321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 31 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-326	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

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321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 32 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-327	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

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321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 33 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-328	

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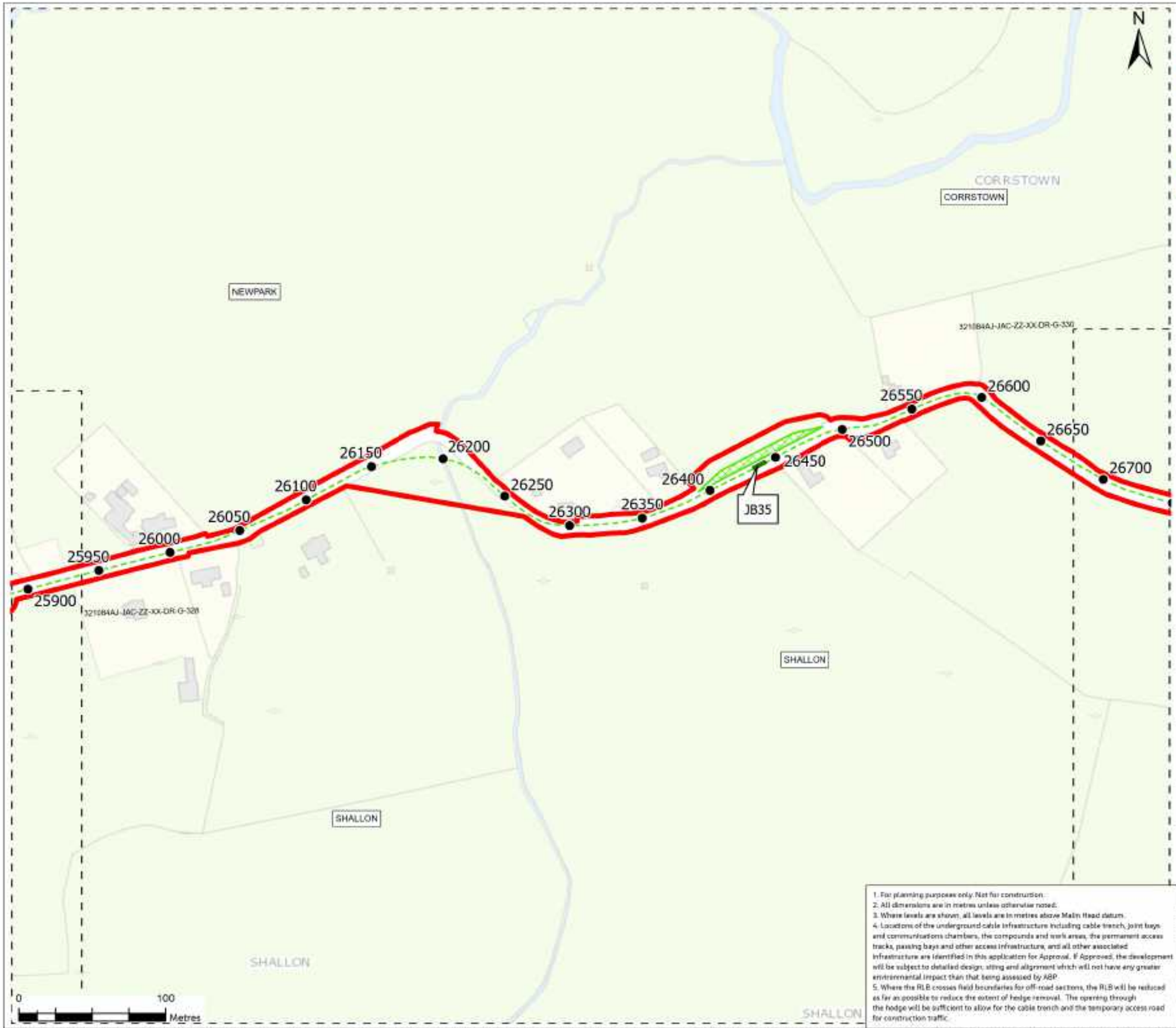

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

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321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

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1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 34 of 48)

Drawing Status: Final

Scale @ A3: 1:2,500 — DO NOT SCALE

Jacobs No: B321084AJ

Client No: CP1021

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-329

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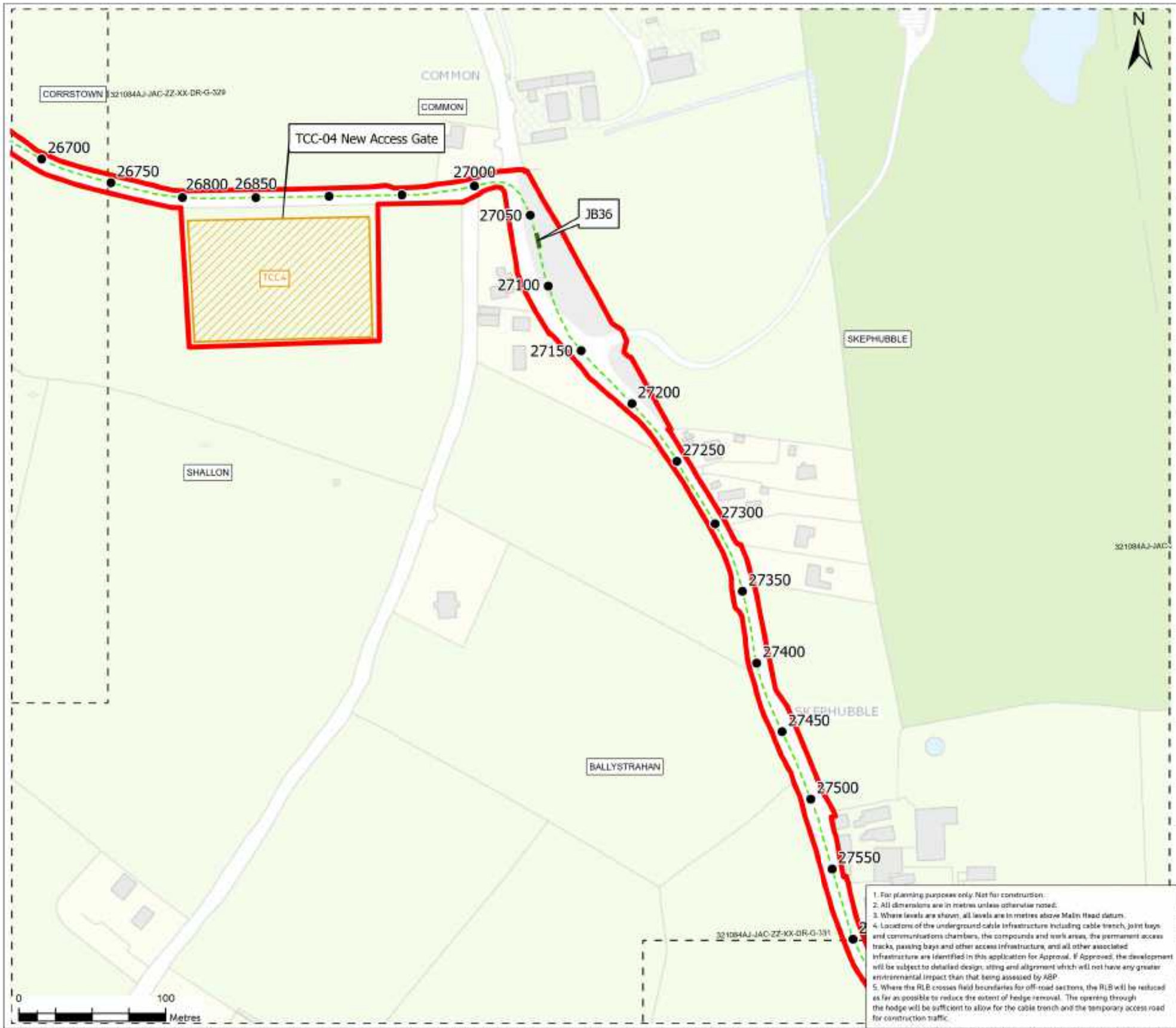

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

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321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 35 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-330	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 36 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-331	

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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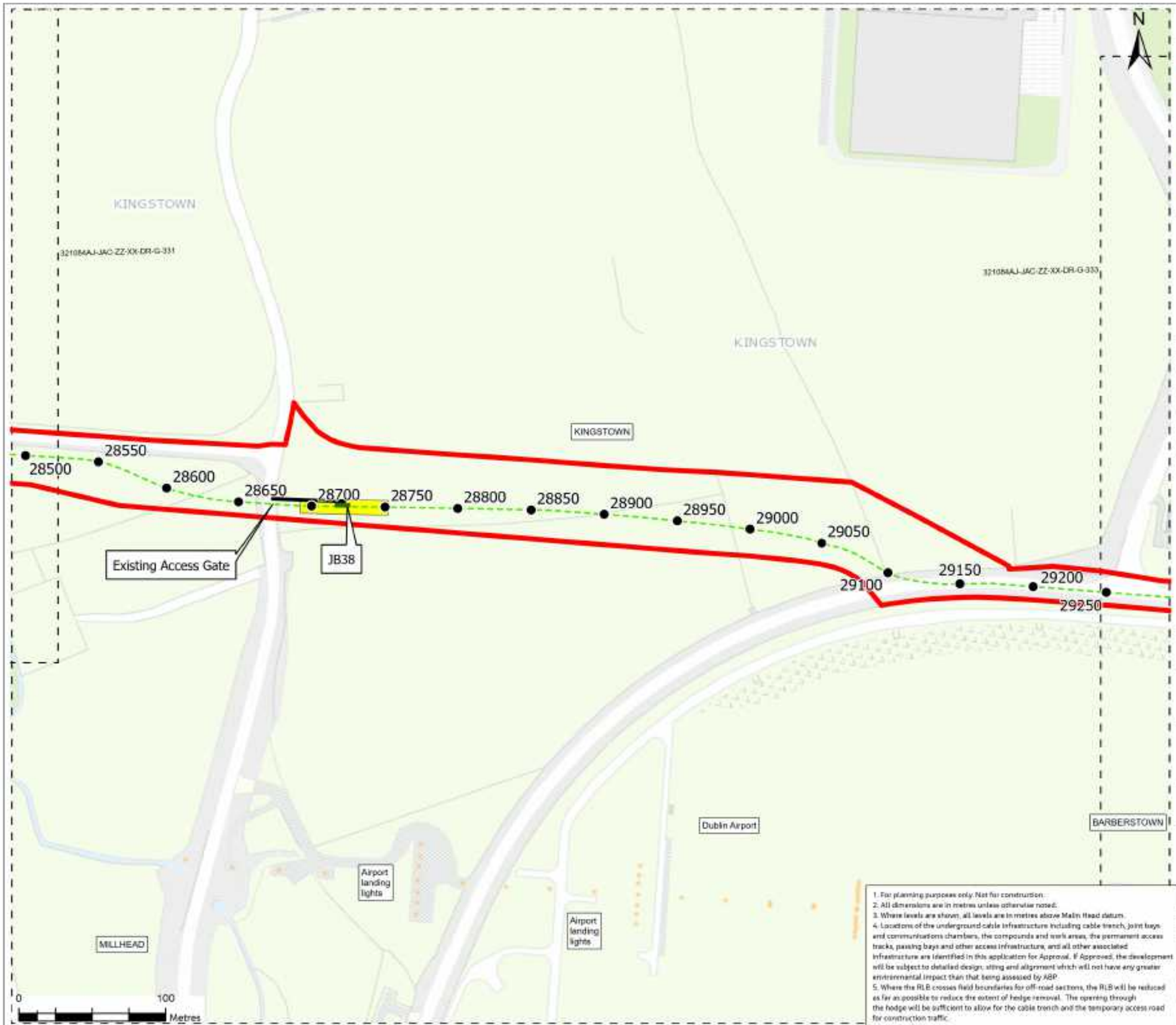

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings:

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 37 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-332	

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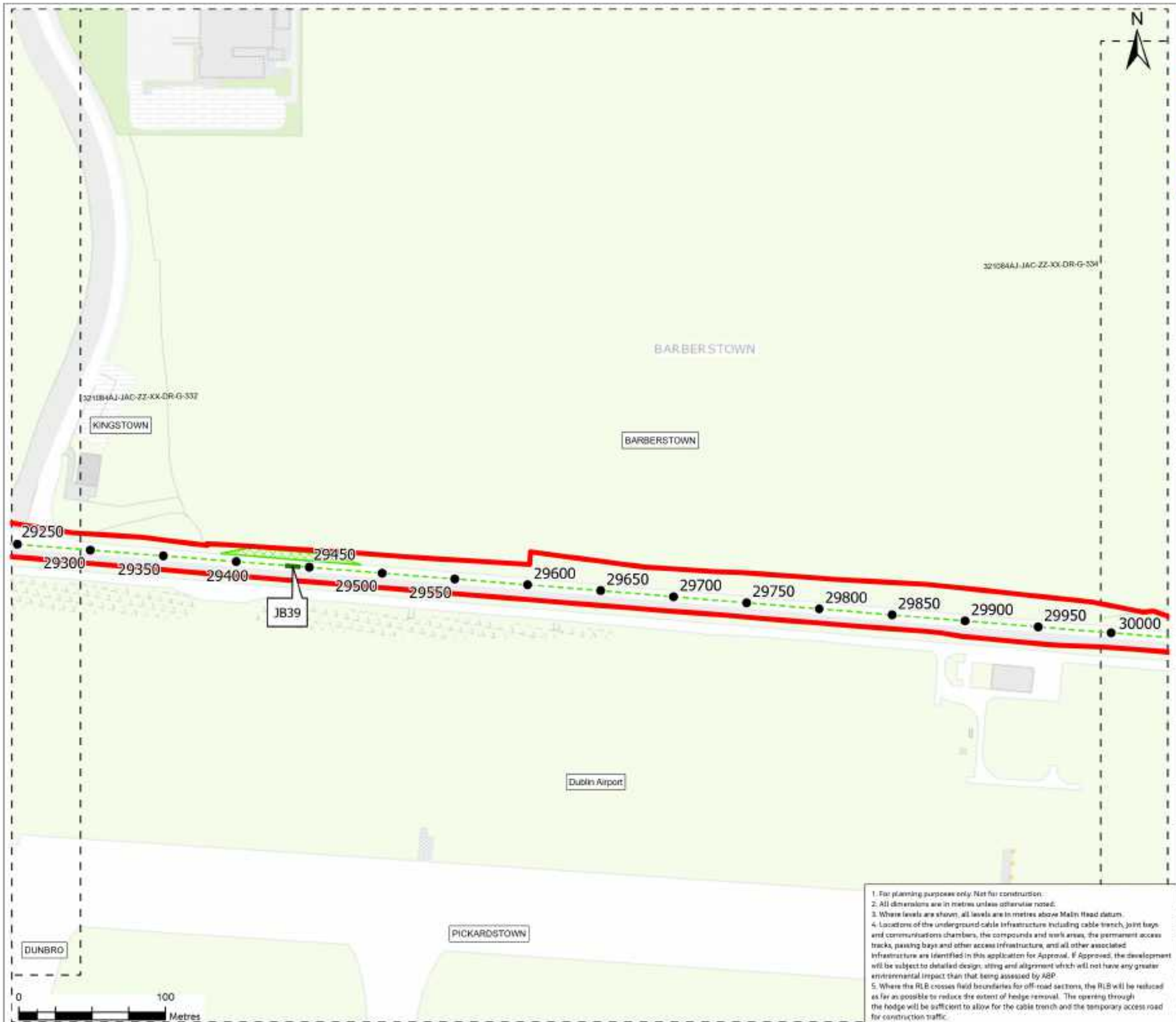

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 38 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-333	

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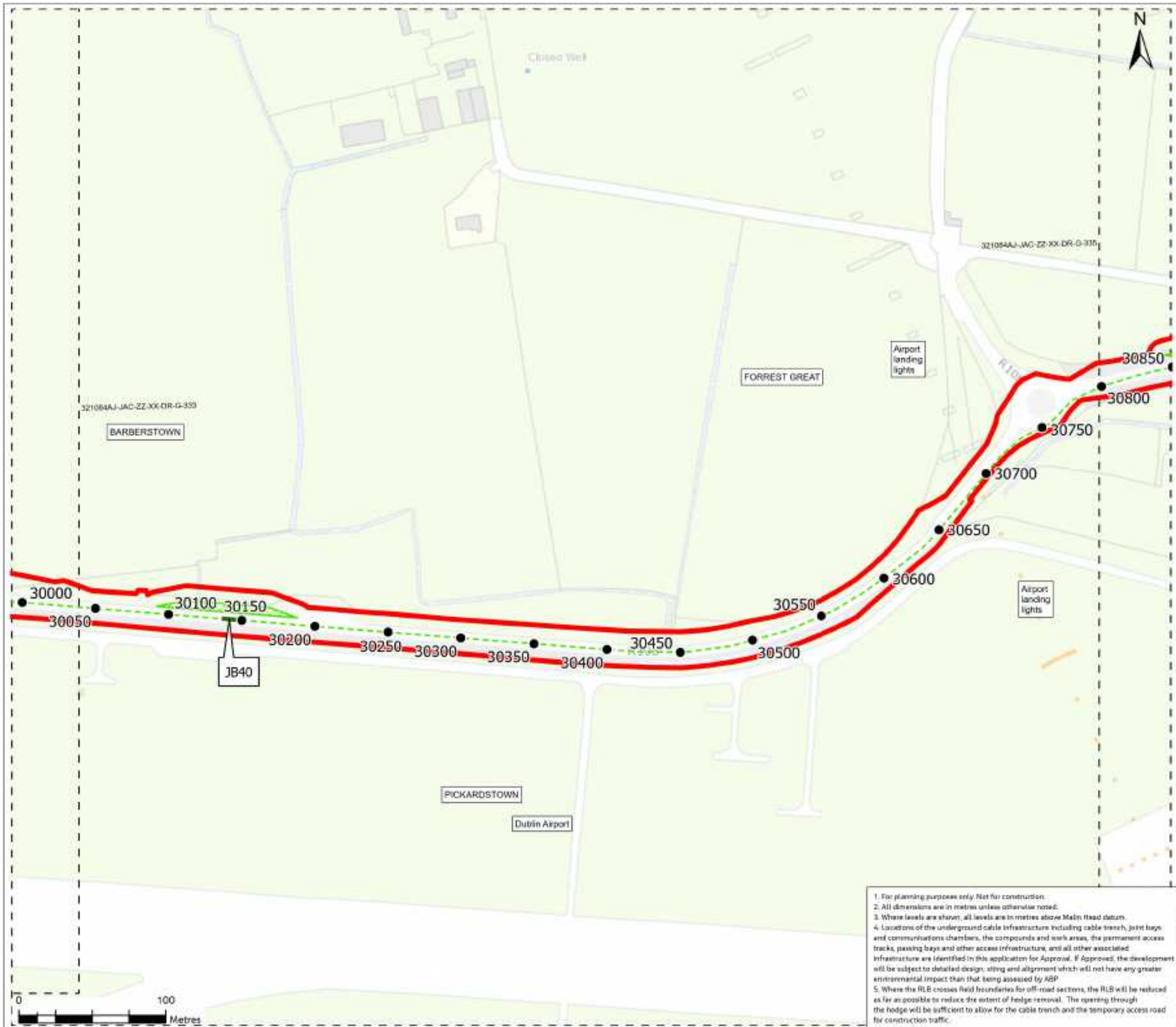

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-K-00000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 39 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-334	

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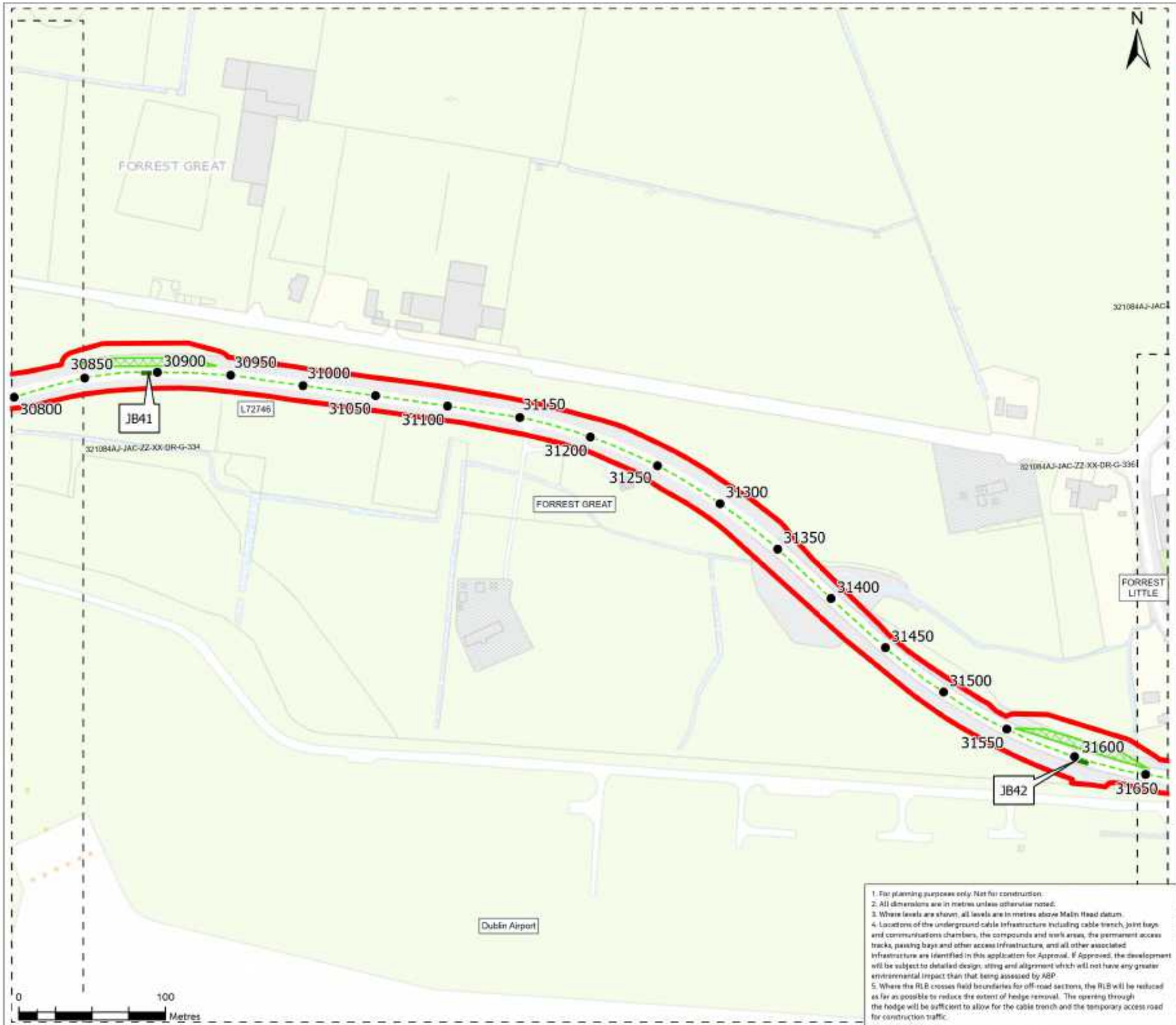

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
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321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

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1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 40 of 48)

Drawing Status: Final

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Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-335	

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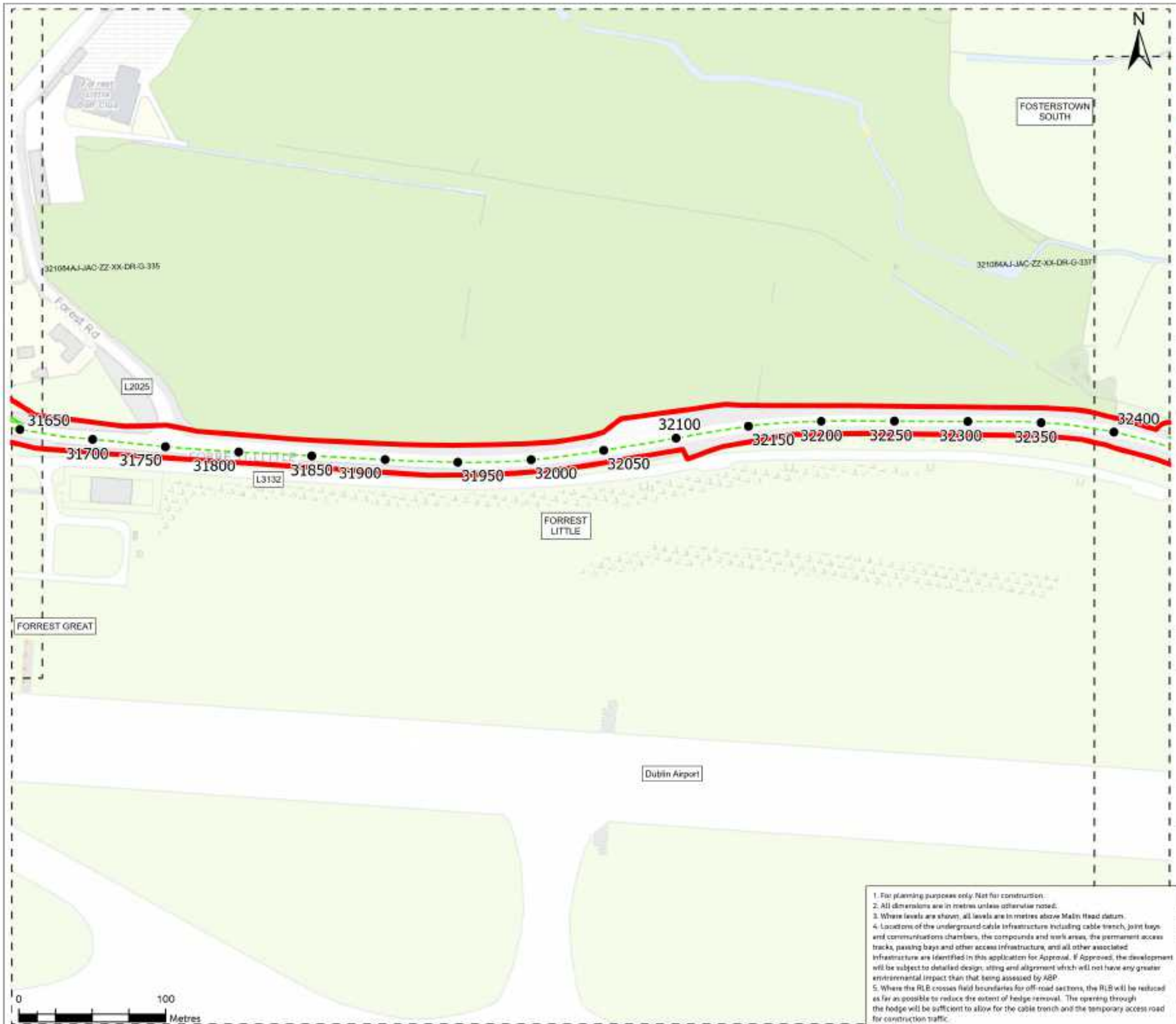

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-K-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 41 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-336	

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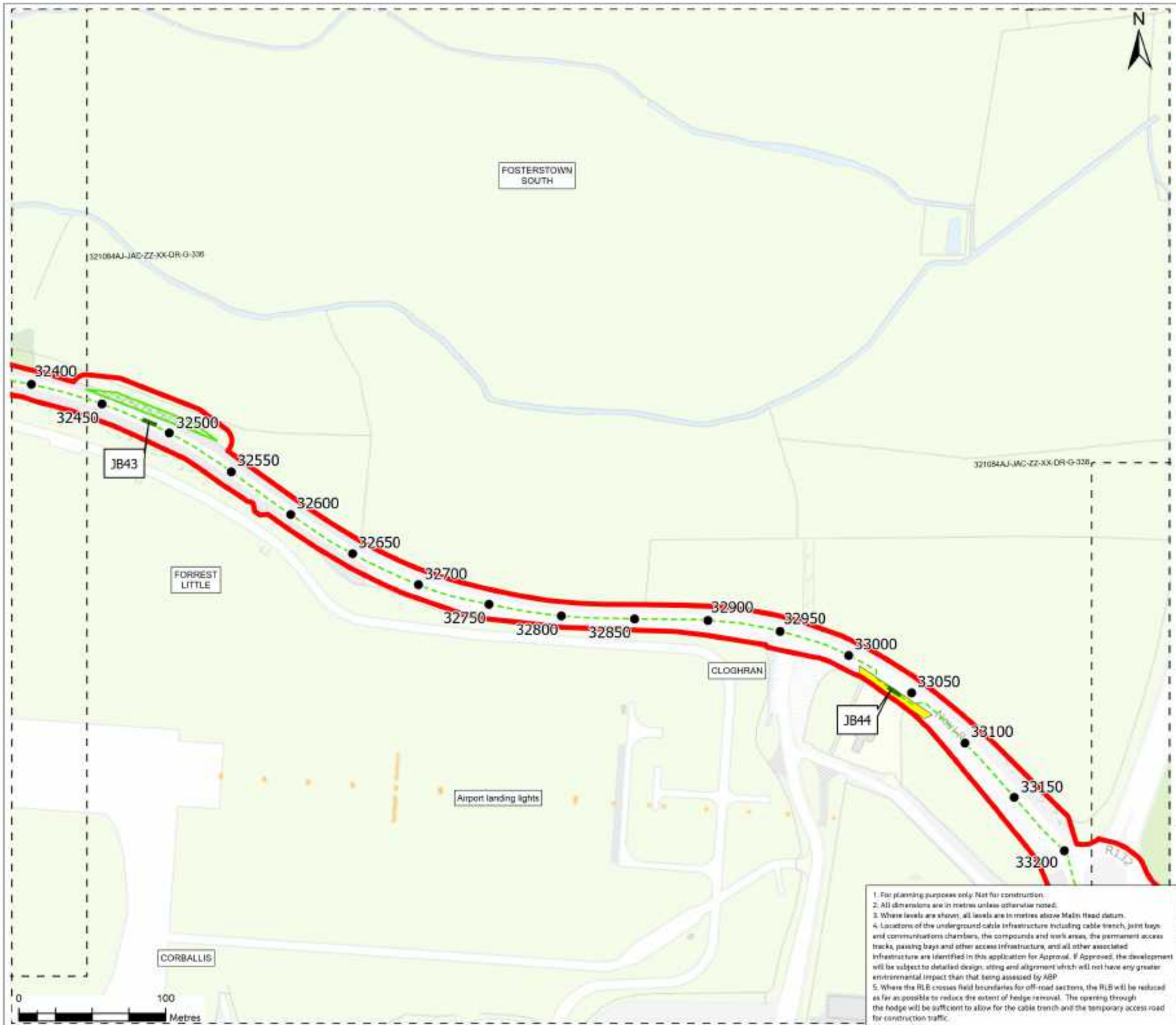
Figure 4.1



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4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-G-0009 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 42 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-337	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Passing Bay
- 321084AJ-JAC-ZZ-XX-DR-G-XXXX Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swaths in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 43 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-338	

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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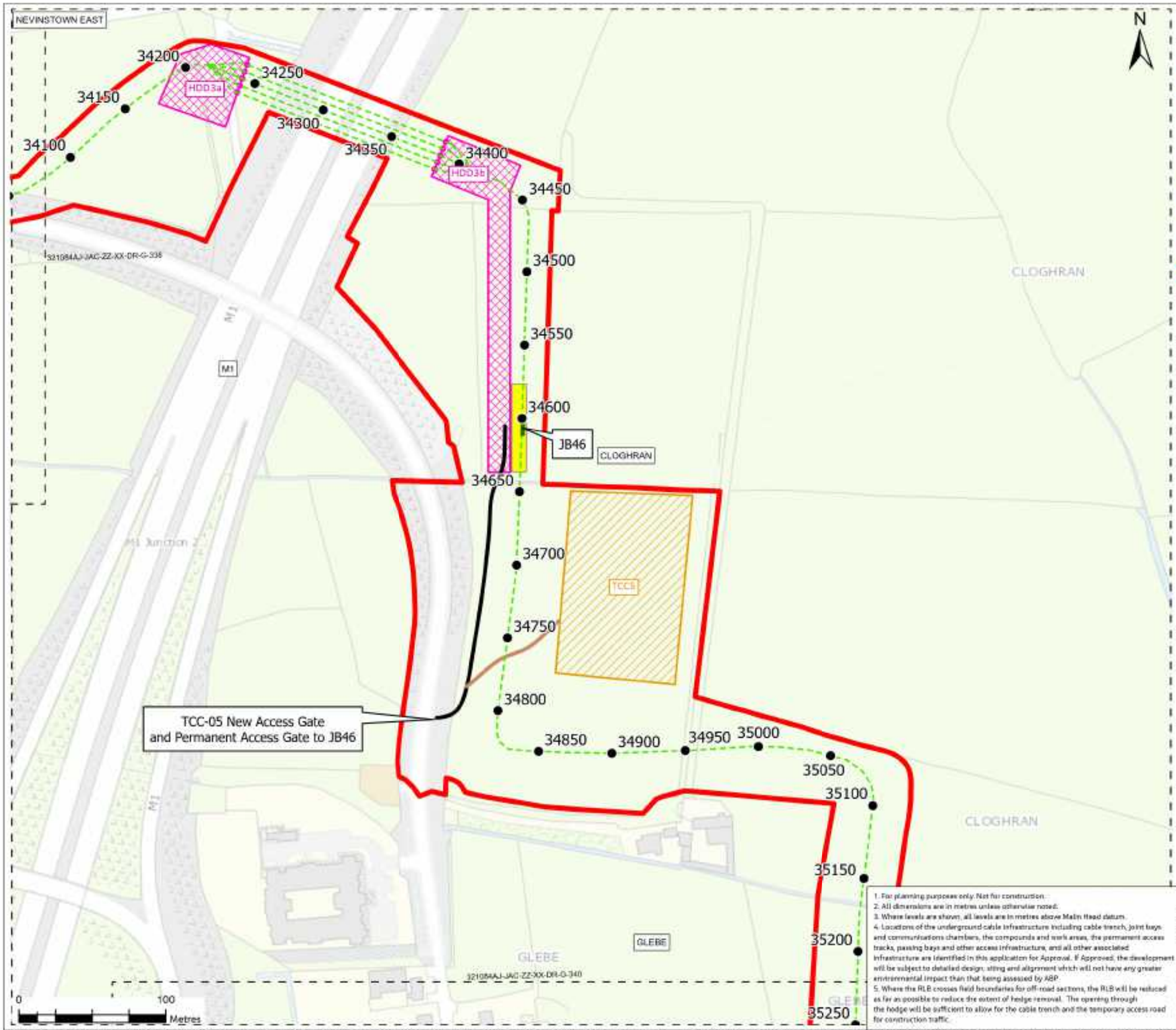

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Watercourses
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary Construction Compound Access Track
- Temporary Construction Compound & Laydown Area
- Temporary HDD Compound
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PB	NE	GS
0	Jan 2024	Draft	SMD	PB	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 44 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-339	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- 321084AJ-JAC-ZZ-XX-DR-G-0339 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 45 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No	B321084AJ	
Client No	CP1021	
Drawing No	321084AJ-JAC-ZZ-XX-DR-G-340	

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Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 46 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-341

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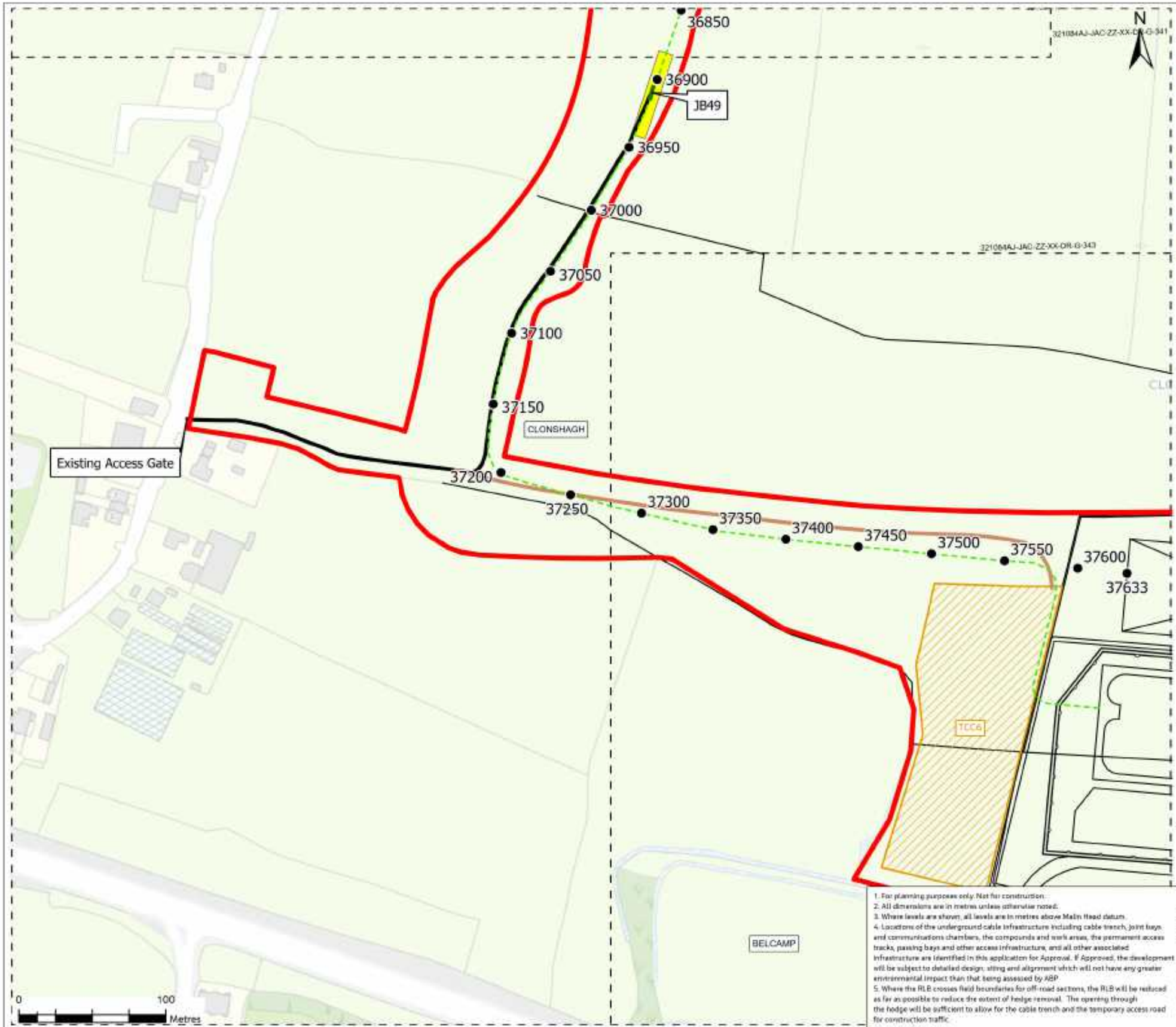

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5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Underground Joint Bay (including link box and telecommunications chambers) - Refer to standard detail 321084AJ-JAC-ZZ-XX-DR-C-0007 for details of Permanent Joint Bay Hard Standing area
- Temporary Joint Bay Construction Platform
- Joint Bay Access Track Route
- Temporary Construction Compound Access Track
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-0000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hardstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client: EirGrid

Project: East Meath - North Dublin Grid Upgrade

Drawing Title: Figure 4.1 Proposed Development Overview (Sheet 47 of 48)

Drawing Status: Final

Scale @ A3	1:2,500	DO NOT SCALE
Jacobs No.	B321084AJ	
Client No.	CP1021	
Drawing No.	321084AJ-JAC-ZZ-XX-DR-G-342	

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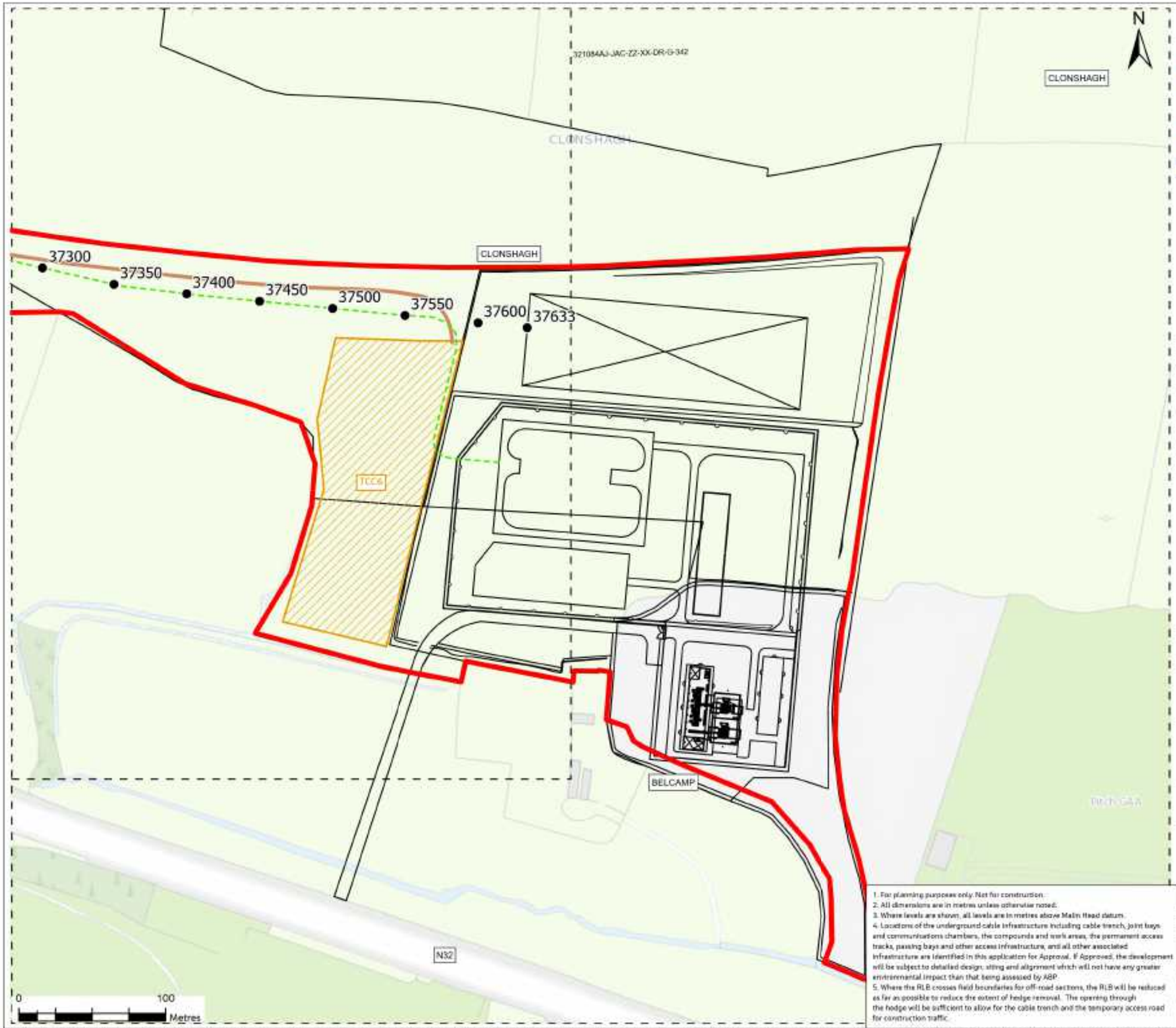

Figure 4.1

Legend

- Planning Application Boundary
- Underground Cable Route/New Equipment
- Chainage
- Temporary Construction Compound Access Track
- Temporary Construction Compound & Laydown Area
- 321084AJ-JAC-ZZ-XX-DR-G-00000 Outline for the previous and the next sheet in this drawing sequence

Reference Drawings

321084AJ-JAC-ZZ-XX-DR-C-0001 - Standard Detail - Joint Bay and Passing Bay Arrangements - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0002 - Standard Detail - 400kV Cable Joint - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0003 - Standard Detail - Typical Trench Cross Section in Highways & Off-road Sections - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0004 - Standard Detail - Compounds - HDD and Temporary Construction - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0005 - Standard Detail - Permanent Tracks - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0006 - Standard Detail - Temporary Construction Swathe in Private Lands - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-C-0007 - Standard Detail - 400kV Cable Joint Bay Hendstanding in Fields - Proposed Details.
321084AJ-JAC-ZZ-XX-DR-D-0001 - Standard Detail - Drainage
321084AJ-JAC-ZZ-XX-DR-E-0001 - Standard Detail - Deep Ditch Crossing.

Rev	Date	Purpose of revision	Drawn	Check'd	Rev'd	App'd
1	Mar 2024	Final	SMD	PR	NE	GS
0	Jan 2024	Draft	SMD	PR	NE	GS

Jacobs

Client

EirGrid

Project

East Meath - North Dublin Grid Upgrade

Drawing Title

Figure 4.1 Proposed Development Overview (Sheet 48 of 48)

Drawing Status: Final

Scale @ A3: 1:2,500 — DO NOT SCALE

Jacobs No: B321084AJ

Client No: CP1021

Drawing No: 321084AJ-JAC-ZZ-XX-DR-G-343

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2. All dimensions are in metres unless otherwise noted.
3. Where levels are shown, all levels are in metres above Malin Head datum.
4. Locations of the underground cable infrastructure including cable trench, joint bays and communications chambers, the compounds and work areas, the permanent access tracks, passing bays and other access infrastructure, and all other associated infrastructure are identified in this application for Approval. If Approved, the development will be subject to detailed design, siting and alignment which will not have any greater environmental impact than that being assessed by ABP.
5. Where the RLB crosses field boundaries for off-road sections, the RLB will be reduced as far as possible to reduce the extent of hedge removal. The opening through the hedge will be sufficient to allow for the cable trench and the temporary access road for construction traffic.

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