CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

APPENDIX 3

ACCESS ROUTE MAPS

Monaghan (Towers 103 - 211)

Structure No.	Drawing Register
103	PE687-D422-042-001
104	PE687-D422-042-001
105	PE687-D422-042-002
106	PE687-D422-042-002
107	PE687-D422-042-003
108	PE687-D422-042-003
109	PE687-D422-042-004
110	PE687-D422-042-004
111	PE687-D422-042-005
112	PE687-D422-042-005
113	PE687-D422-042-006
114	PE687-D422-042-007
115	PE687-D422-042-008
116	PE687-D422-042-008
117	PE687-D422-042-008
118	PE687-D422-042-009
119	PE687-D422-042-009
120	PE687-D422-042-009
121	PE687-D422-042-010
122	PE687-D422-042-010
123	PE687-D422-042-011
124	PE687-D422-042-011
125	PE687-D422-042-012
126	PE687-D422-042-013
127	PE687-D422-042-013
128	PE687-D422-042-014
129	PE687-D422-042-014
130	PE687-D422-042-015
131	PE687-D422-042-016
132	PE687-D422-042-016
133	PE687-D422-042-016
134	PE687-D422-042-017
135	PE687-D422-042-018
136	PE687-D422-042-019
137	PE687-D422-042-019
138	PE687-D422-042-020
139	PE687-D422-042-020
140	PE687-D422-042-021
141	PE687-D422-042-021
142	PE687-D422-042-022
143	PE687-D422-042-022
144	PE687-D422-042-023
145	PE687-D422-042-024
146	PE687-D422-042-024
147	PE687-D422-042-025
148	PE687-D422-042-025
149	PE687-D422-042-026
150	PE687-D422-042-026
151	PE687-D422-042-027
152	PE687-D422-042-027
153	PE687-D422-042-028
154	PE687-D422-042-029
155	PE687-D422-042-029
156	PE687-D422-042-030
157	PE687-D422-042-030
158	PE687-D422-042-030
159	PE687-D422-042-031
160	PE687-D422-042-032
161	PE687-D422-042-032
162	PE687-D422-042-033
163	PE687-D422-042-033
164	PE687-D422-042-034
165	PE687-D422-042-034
166	PE687-D422-042-035
167	PE687-D422-042-036
168	PE687-D422-042-037
169	PE687-D422-042-037
170	PE687-D422-042-038
171	PE687-D422-042-039
172	PE687-D422-042-039
173	PE687-D422-042-040
174	PE687-D422-042-040
175	PE687-D422-042-041
176	PE687-D422-042-042
177	PE687-D422-042-042
178	PE687-D422-042-043
179	PE687-D422-042-043
180	PE687-D422-042-044
181	PE687-D422-042-045
182	PE687-D422-042-045
183	PE687-D422-042-046
184	PE687-D422-042-047
185	PE687-D422-042-048
186	PE687-D422-042-049
187	PE687-D422-042-050
188	PE687-D422-042-050
189	PE687-D422-042-051
190	PE687-D422-042-052
191	PE687-D422-042-053
192	PE687-D422-042-053
193	PE687-D422-042-054
194	PE687-D422-042-054
195	PE687-D422-042-055
196	PE687-D422-042-055
197	PE687-D422-042-056
198	PE687-D422-042-057
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201	PE687-D422-042-058
202	PE687-D422-042-059
203	PE687-D422-042-059
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206	PE687-D422-042-061
207	PE687-D422-042-061
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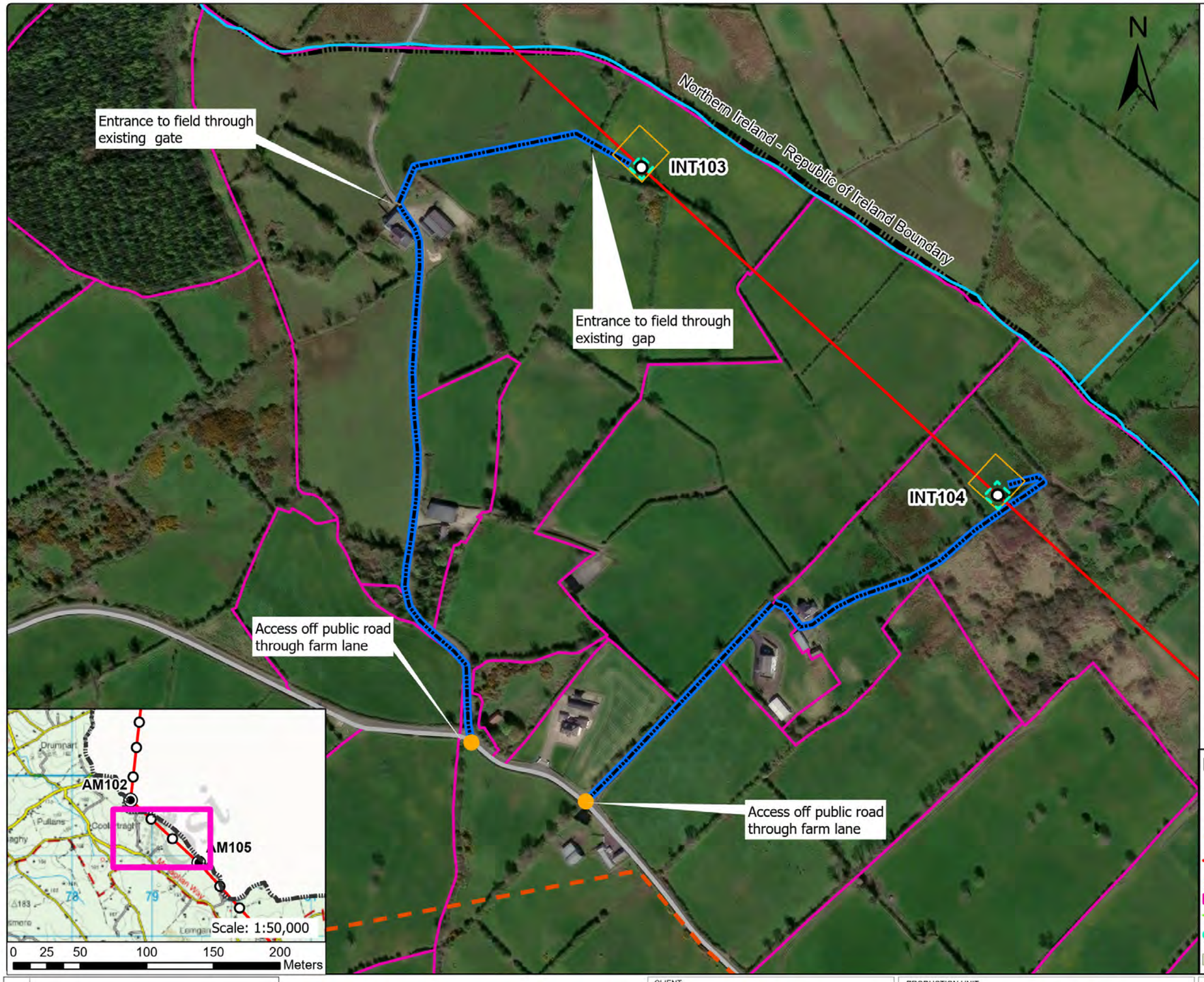
211	PE687-D422-042-062



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
3. Implement all relevant mitigation measures as per map
4. Review weather forecast, check rainfall data and avoid working during heavy rainfall and for up to 24hrs.
5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
8. Temporary access tracks to be used at any section across existing drains or if localised soft ground is encountered.
9. No deviation from defined access track / route unless otherwise agreed with ESB.
10. Excavation to be kept open only for the time that is strictly necessary to carry out installation works.
11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
14. Silt traps or equivalent to be installed in advance of works in proximity to or within drains or watercourses. Such measures to be inspected at least daily.
15. Uncontrolled discharges of water into existing drainage features shall not take place under any circumstances.
16. Wash water from chutes of concrete delivery vehicles, or from concrete delivery hoppers used to transport concrete to the excavation site, will be cleaned into lined skips stored within the Working Area. Washout activities of concrete delivery vehicles, other than chute cleaning, will take place at an appropriate facility offsite.
17. All fuels, oils and chemicals to be stored in suitably bunded and labelled containers. Spill kits to be available in proximity to such stores. Staff to be trained in use.
18. Type 1 and Type 2 Access Routes are as noted in the EIS with Type 1 typically being existing roads / tracks while Type 2 is typically over ground where temporary access tracks may be required.
19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	103	12.1m x 12.1m
Foundation Excavation Area	104	14.7m x 14.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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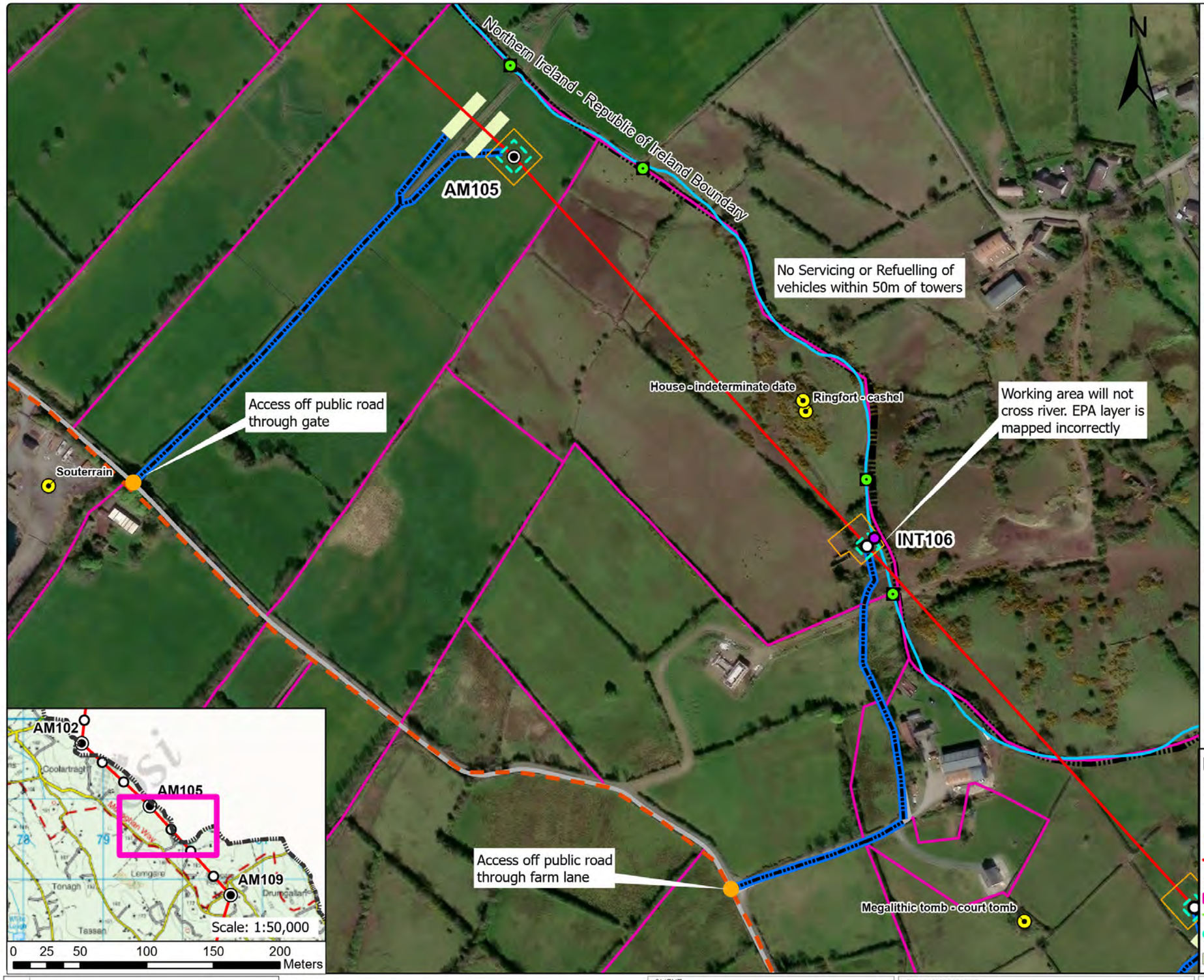
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 103 & 104

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-001-000 SHEET REV.



General Construction Mitigation Requirements

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2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
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5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
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9. No deviation from defined access track / route unless otherwise agreed with ESB.
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11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
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20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	105	18.5m x 18.5m
Foundation Excavation Area	106	13.5m x 13.5m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

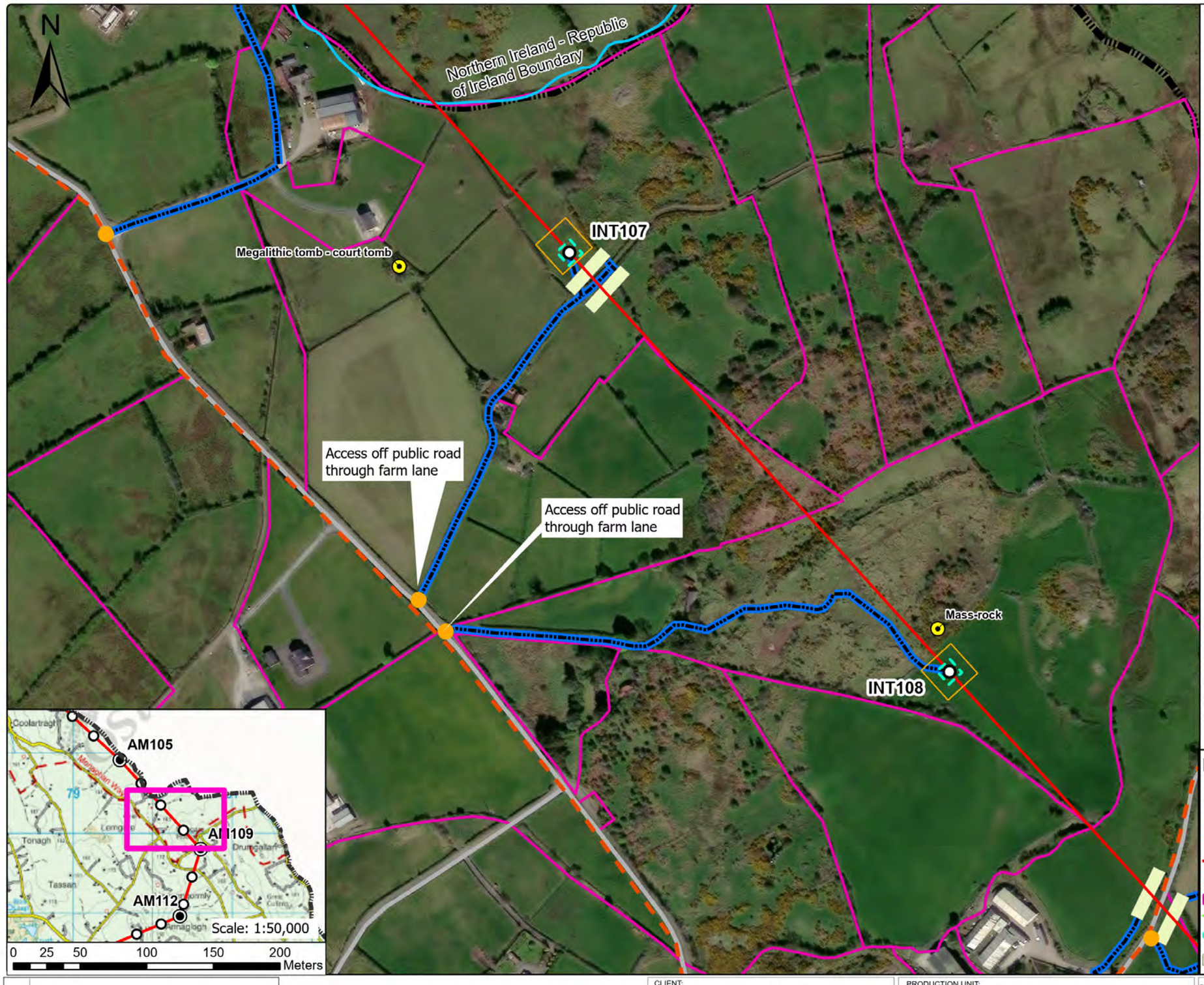
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Angle Mast 105 Intermediate Tower 106

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-002-000 SHEET REV.



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	Structure No.	Area
Foundation Excavation Area	107	13.7m x 13.7m
Foundation Excavation Area	108	13.3m x 13.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT:	ESB Networks
PROJECT:	North - South 400 kV Interconnector Development
PRODUCTION UNIT:	Engineering & Major Projects
DRAWING TITLE:	Access Route Map Intermediate Tower 107 &108

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-003-000 SHEET REV.

N

INT108

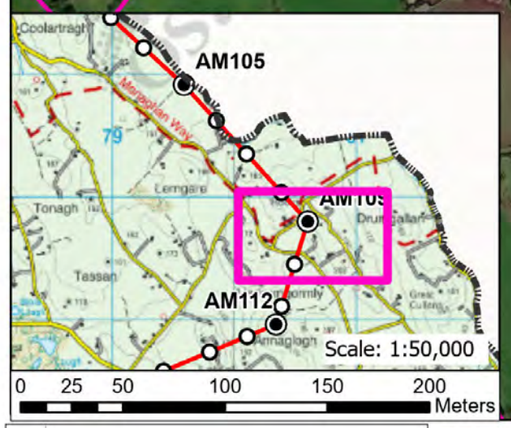
AM109

Access off public road through gate

Access off public road through farm lane

Access off public road through gate

INT110



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	Structure No.	Area
Foundation Excavation Area	109	17.4m x 17.4m
Foundation Excavation Area	110	13.3m x 13.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
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- Lake
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- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

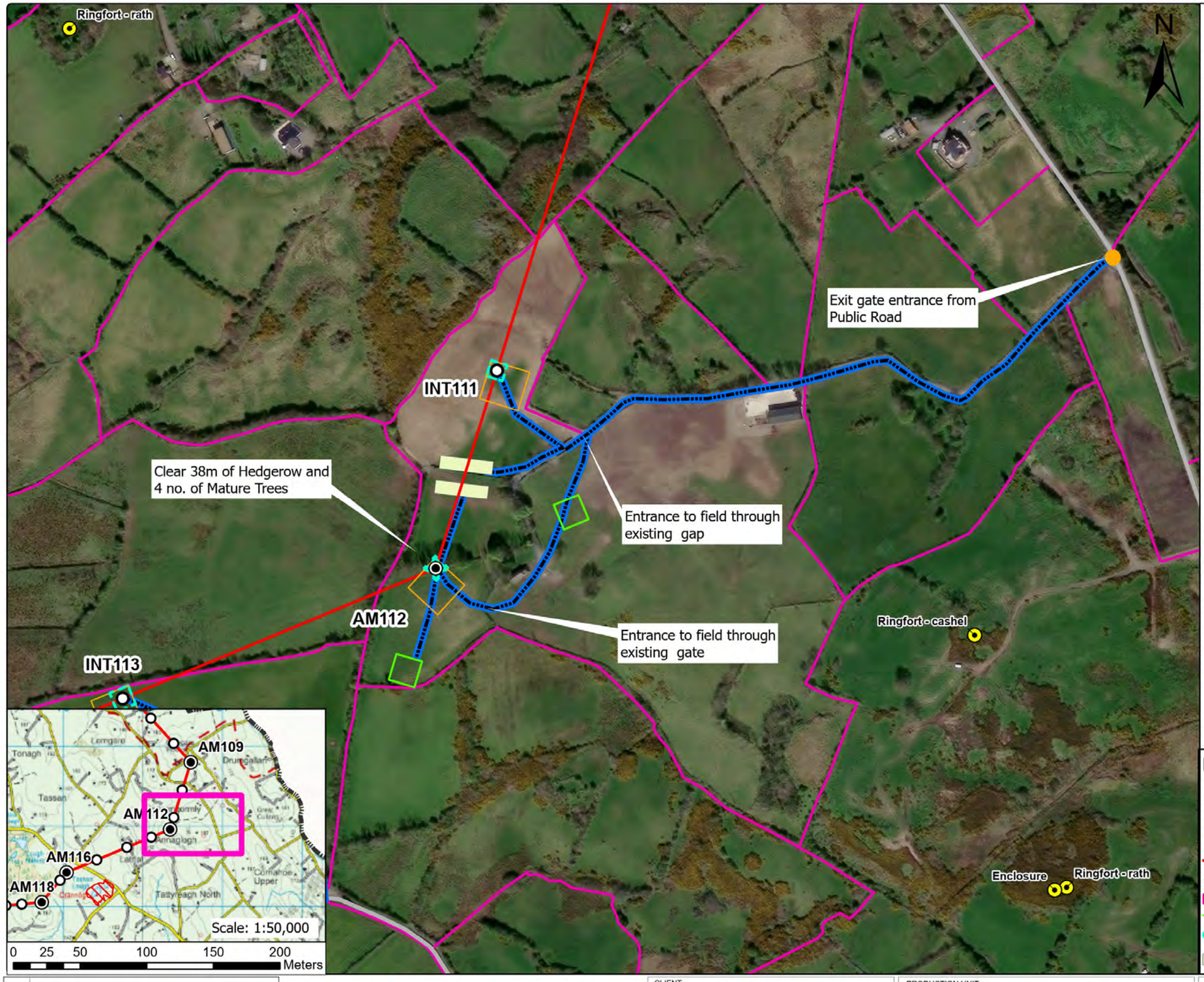
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Angle Mast 109 Intermediate Tower 110

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-004-000 SHEET REV.



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	Structure No.	Area
Foundation Excavation Area	111	12.3m x 12.3m
Foundation Excavation Area	112	16.8m x 16.8m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
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- Working Area (30m x 30m)
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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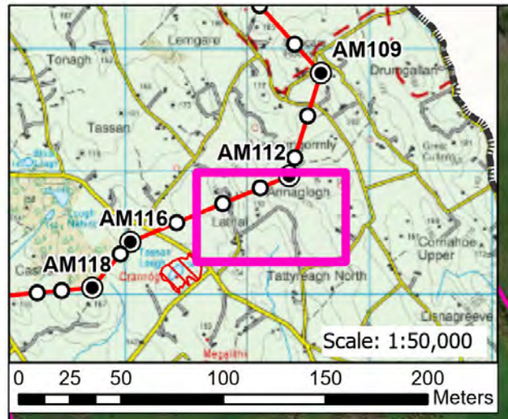
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 111 Angle Mast 112

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-005-000 SHEET REV.



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
3. Implement all relevant mitigation measures as per map
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5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
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11. Backfill and appropriate reinstatement of the area.
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19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	113	14.9m x 14.9m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

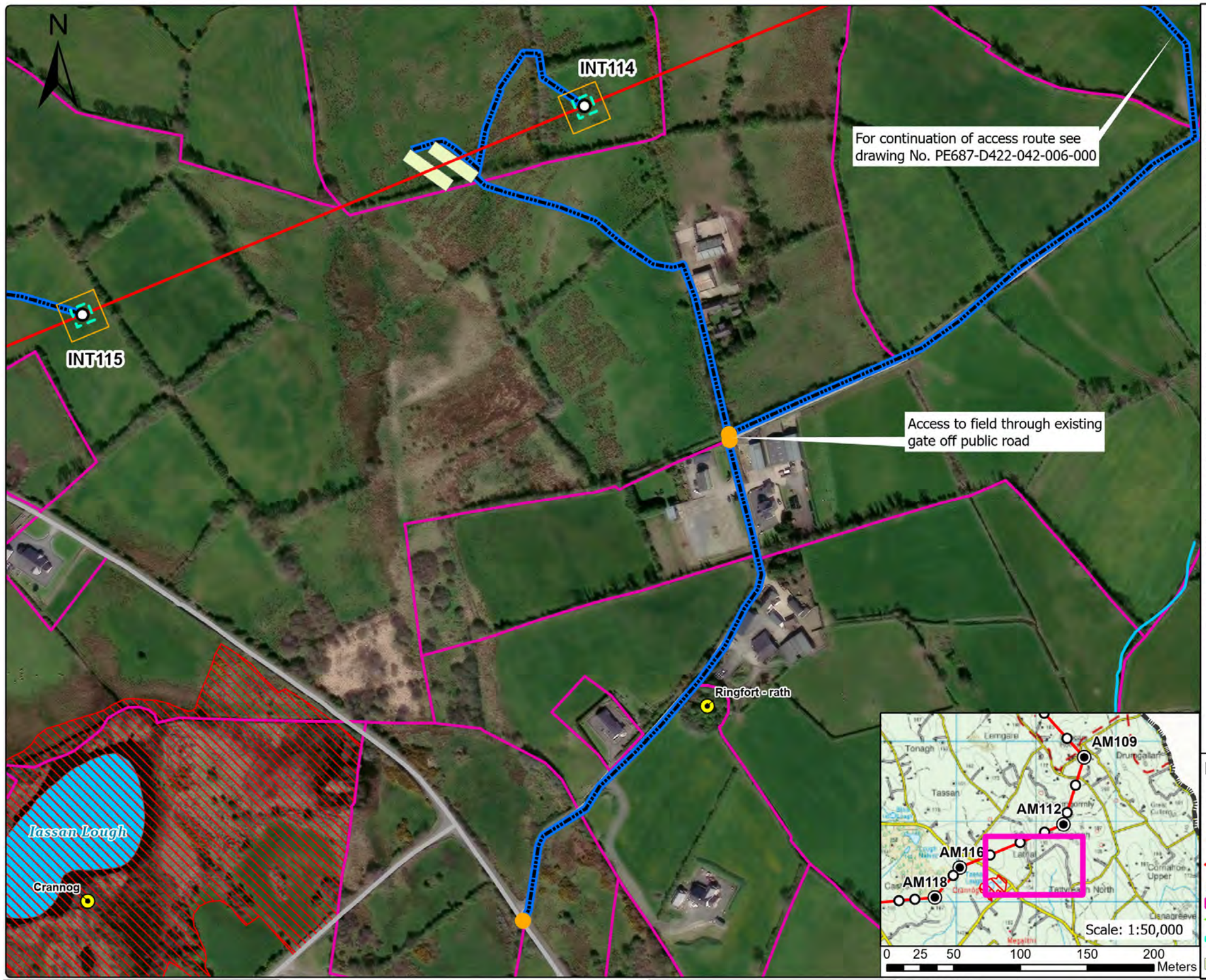
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 113

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-006-000 SHEET REV.



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	Structure No.	Area
Foundation Excavation Area	114	14m x 14m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 114

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-007-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	115	14m x 14m
Foundation Excavation Area	116	16.9m x 16.9m
Foundation Excavation Area	117	11.4m x 11.4m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

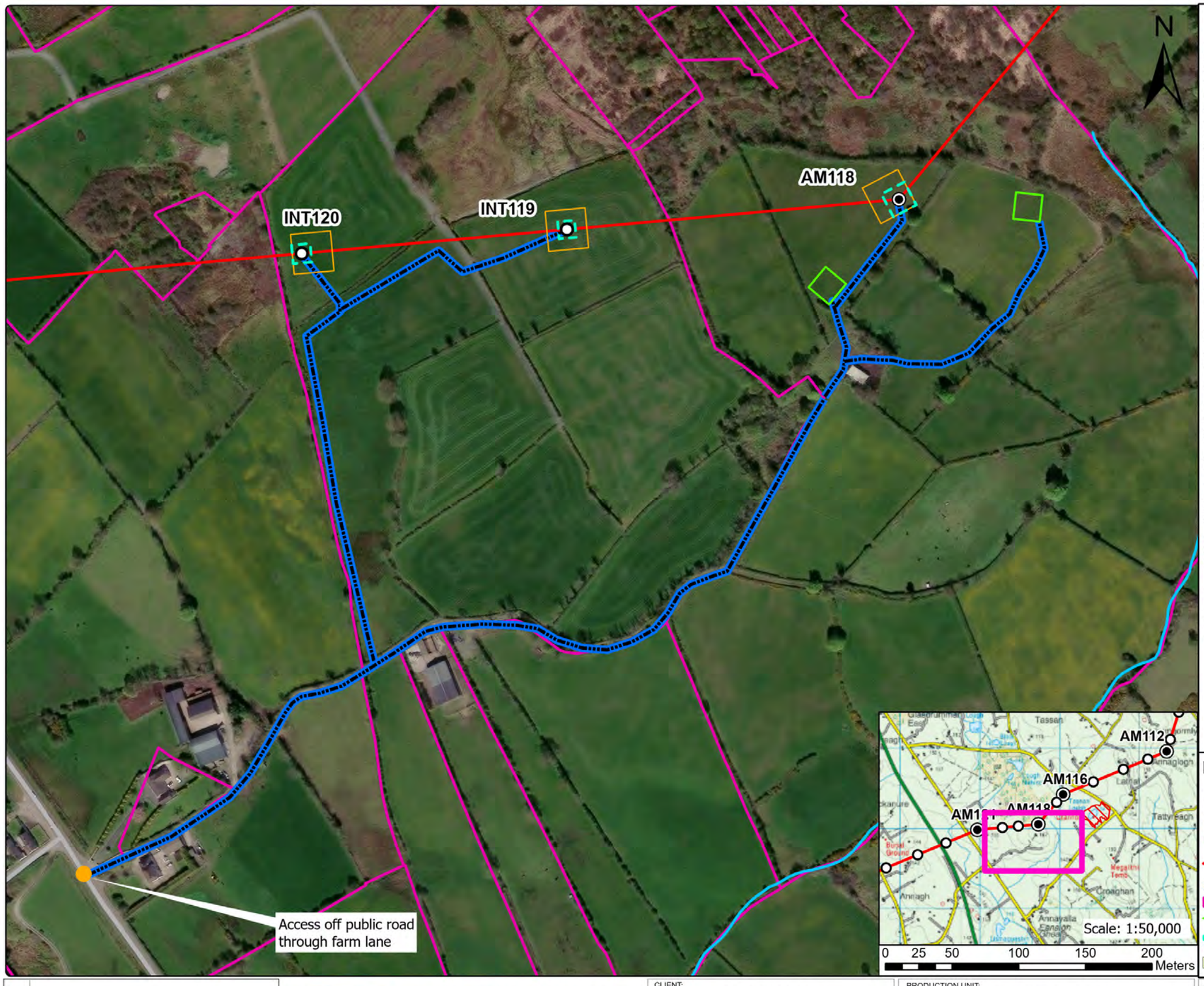
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 115 & 117, Angle Mast 116

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-008-000 SHEET REV.



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	Structure No.	Area
Foundation Excavation Area	118	20m x 20m
Foundation Excavation Area	119	12.8m x 12.8m
Foundation Excavation Area	120	14m x 14m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
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- Watercourse
- Special Area of Conservation
- Special Protection Area
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- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

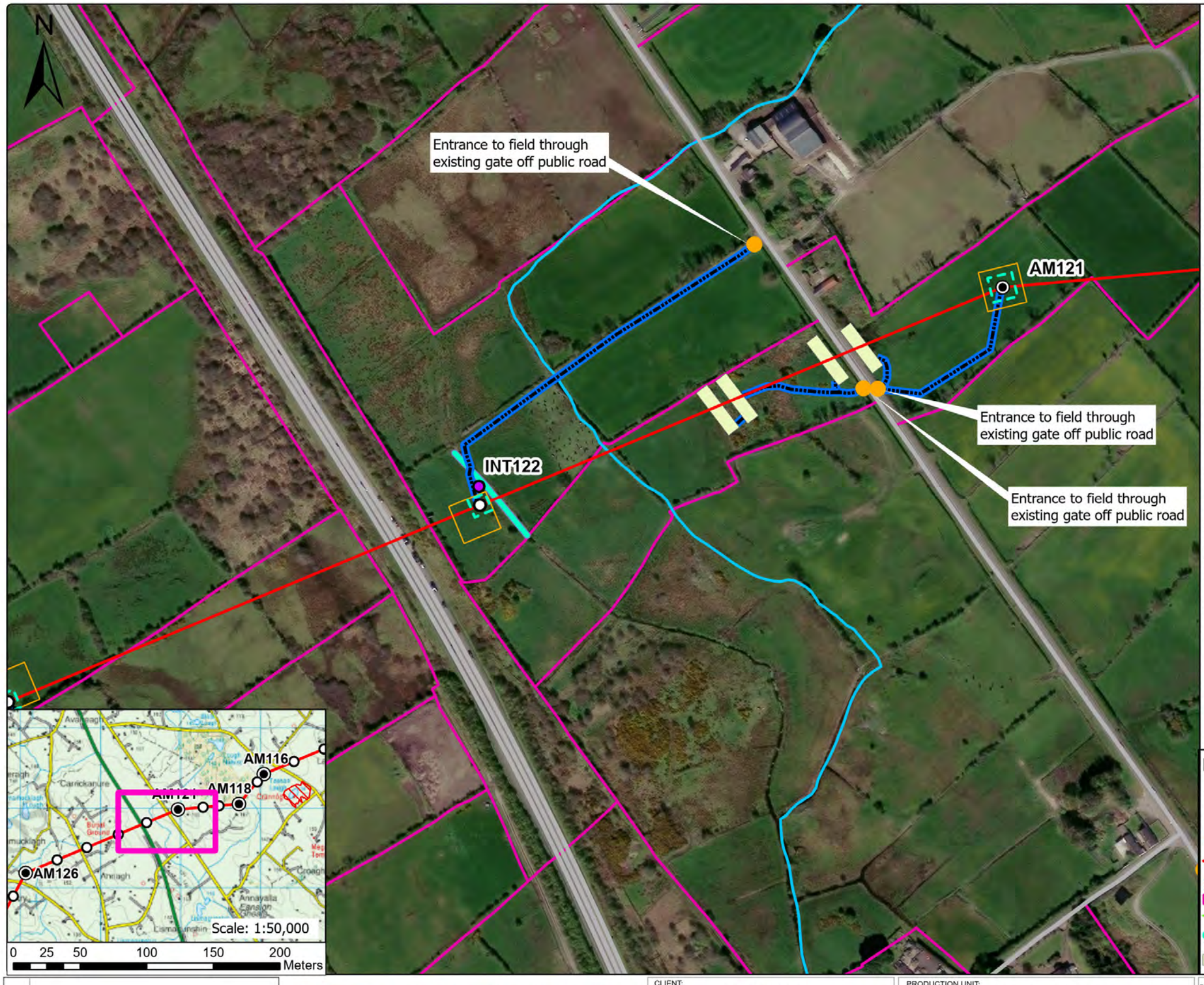
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Angle Mast 118, Intermediate Tower 119 & 120

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-009-000 SHEET REV.



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	Structure No.	Area
Foundation Excavation Area	121	19.2m x 19.2m
Foundation Excavation Area	122	14m x 14m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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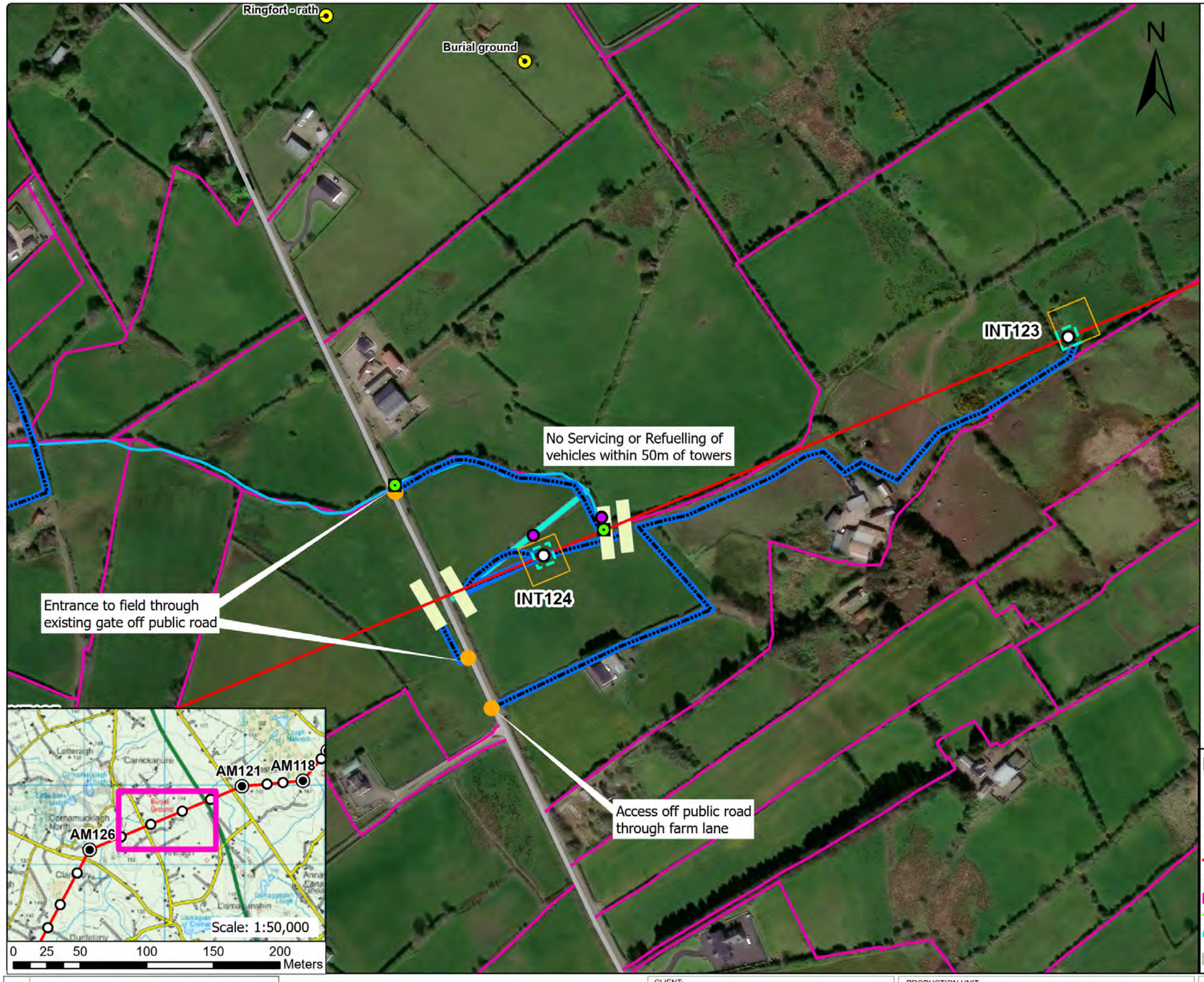
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE:
Access Route Map
Angle Mast 121,
Intermediate Tower 122

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-010-000 SHEET REV.



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	Structure No.	Area
Foundation Excavation Area	123	14.4m x 14.4m
Foundation Excavation Area	124	14.7m x 14.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 123 & 124

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-011-000 SHEET REV.

Cornamucklagh Lough

Ringfort - rath

Burial ground

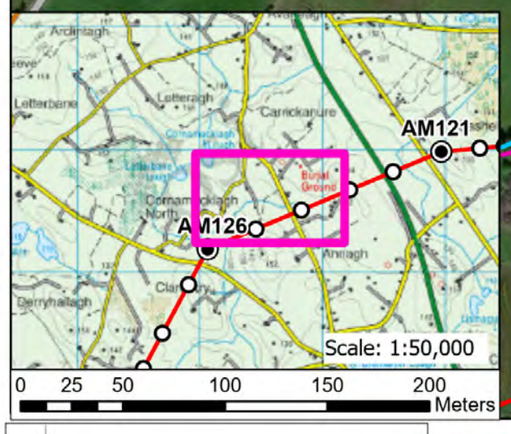
N

Access off public road through farm lane

Access to INT 124 outlined in drawing PE687-D422-042-011

INT125

INT124



General Construction Mitigation Requirements

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2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
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11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
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For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	125	12.3m x 12.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

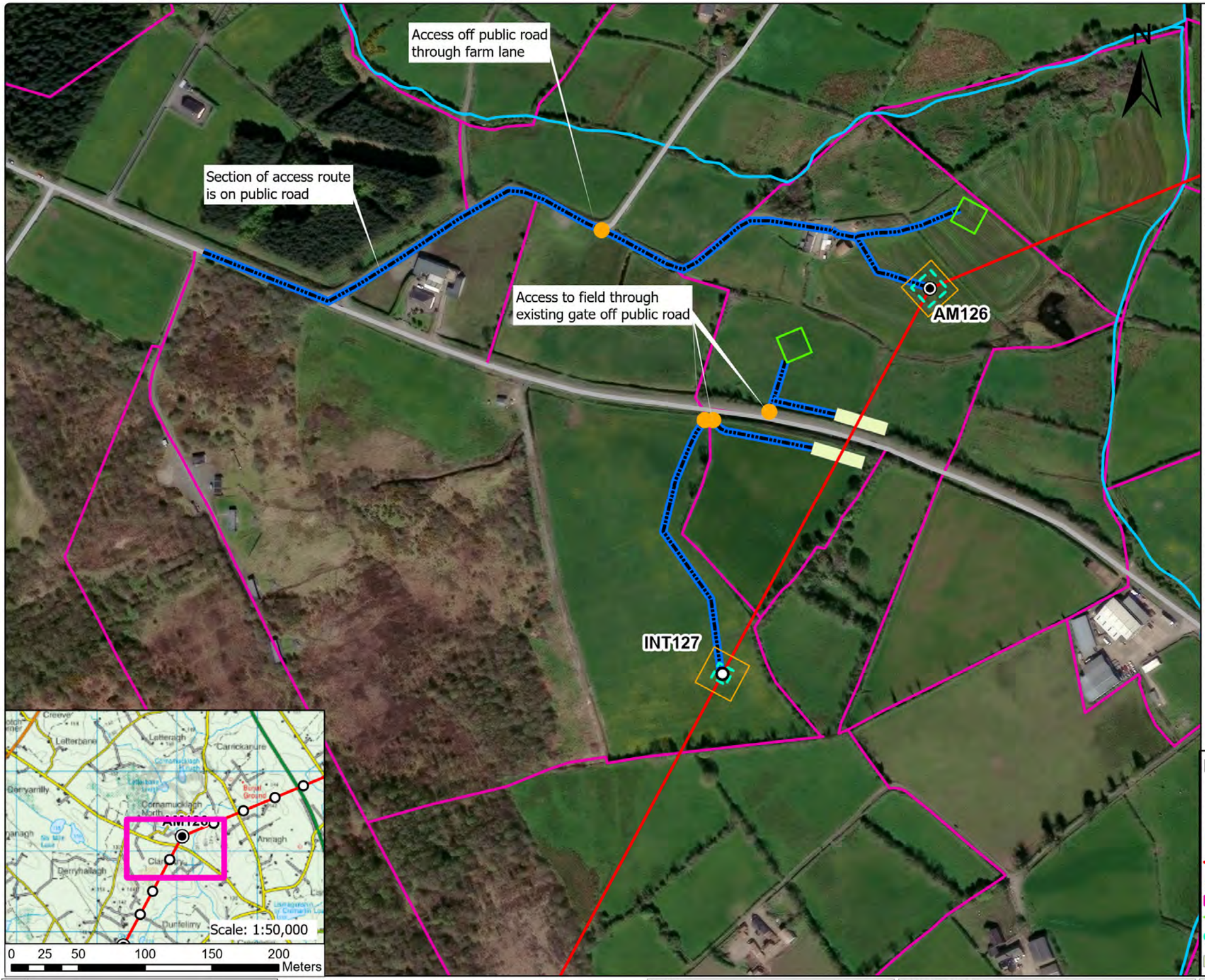
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 125

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-012-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	126	20m x 20m
Foundation Excavation Area	127	12.1m x 12.1m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

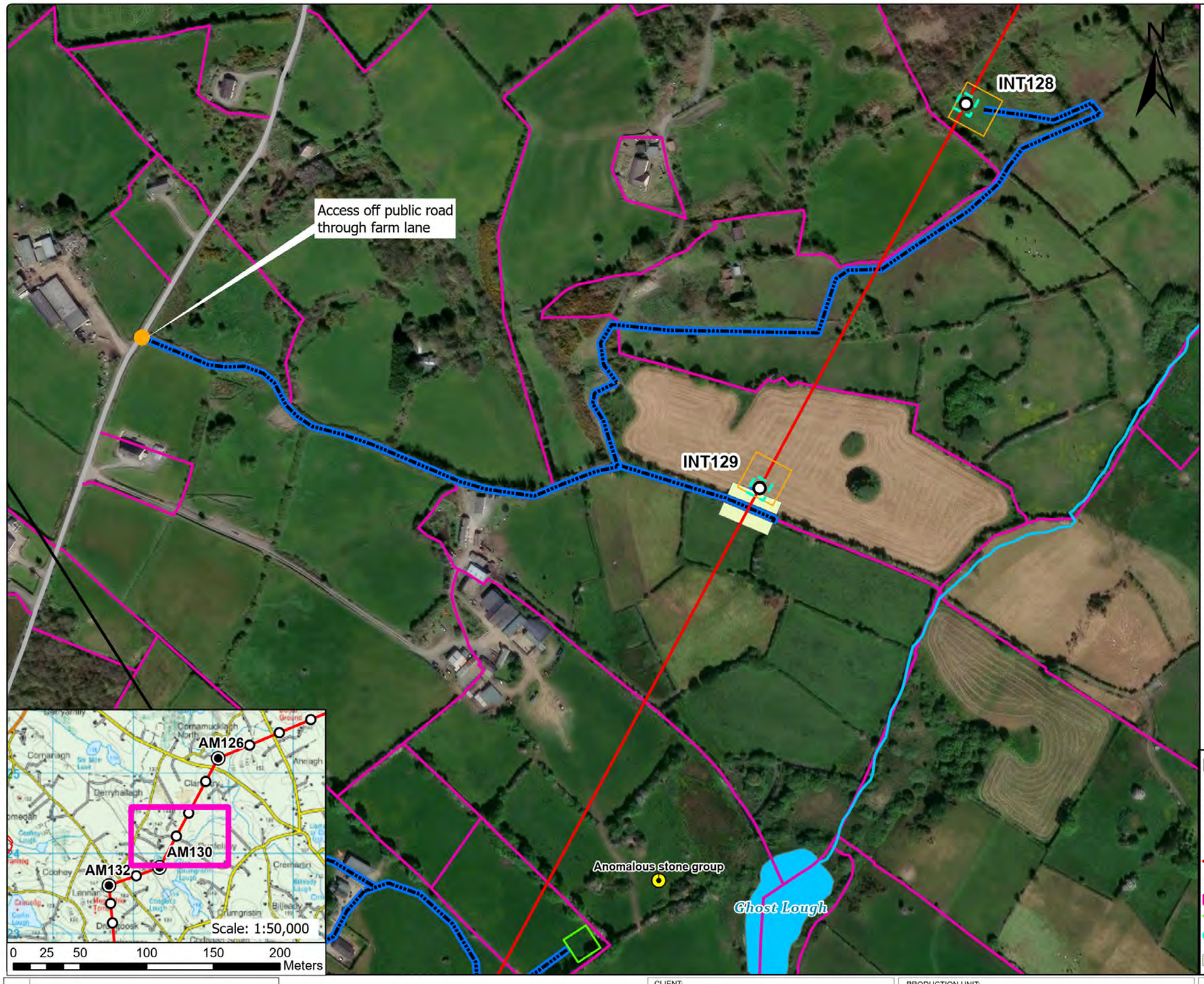
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Angle Mast 126, Intermediate Tower 127

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-013-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	128	13.7m x 13.7m
Foundation Excavation Area	129	14m x 14m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
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- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

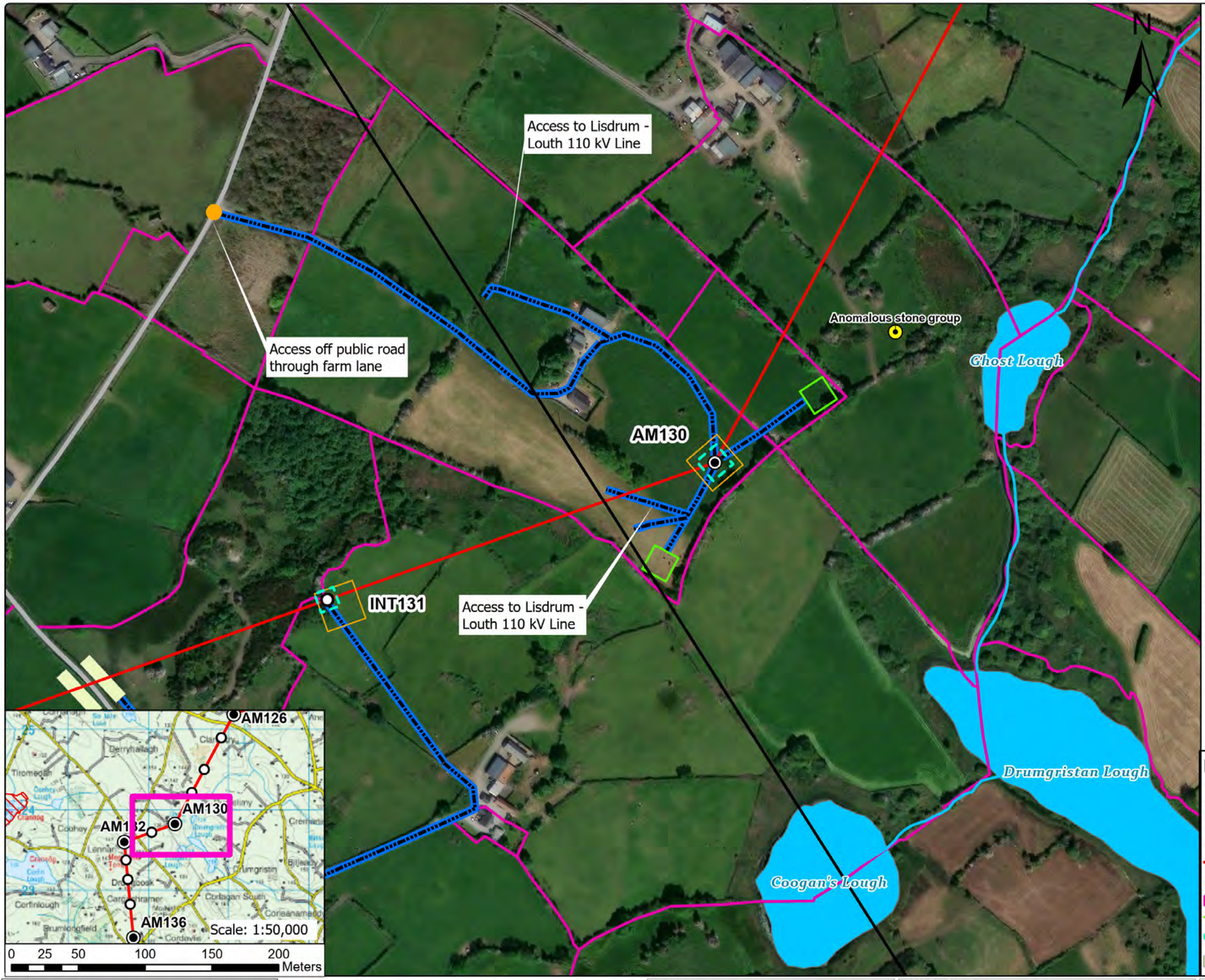
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 128 & 129

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-014-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	130	20m x 20m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
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- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

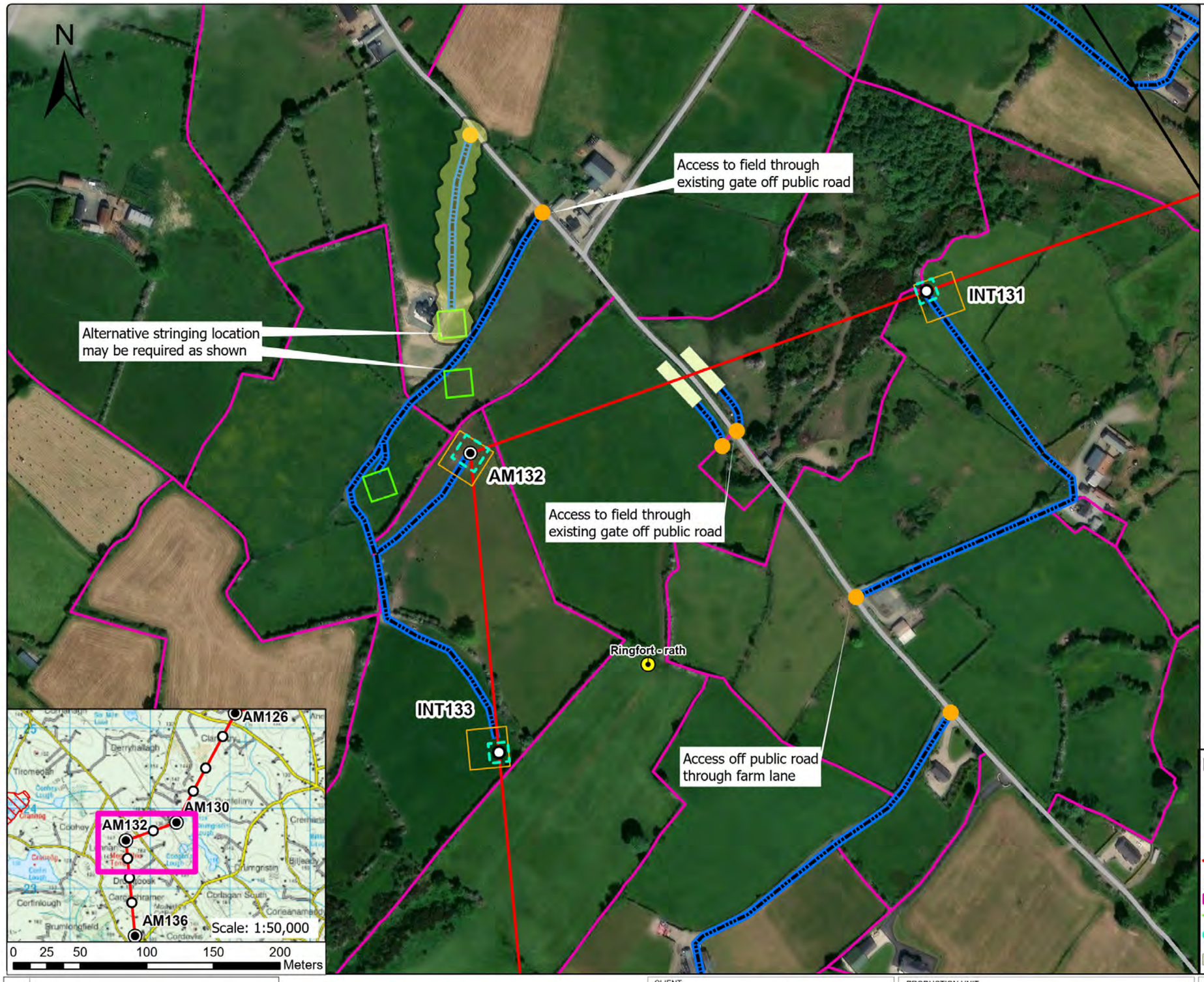
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Angle Mast 130

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-015-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	131	14.9m x 14.9m
Foundation Excavation Area	132	20.8m x 20.8m
Foundation Excavation Area	133	14.7m x 14.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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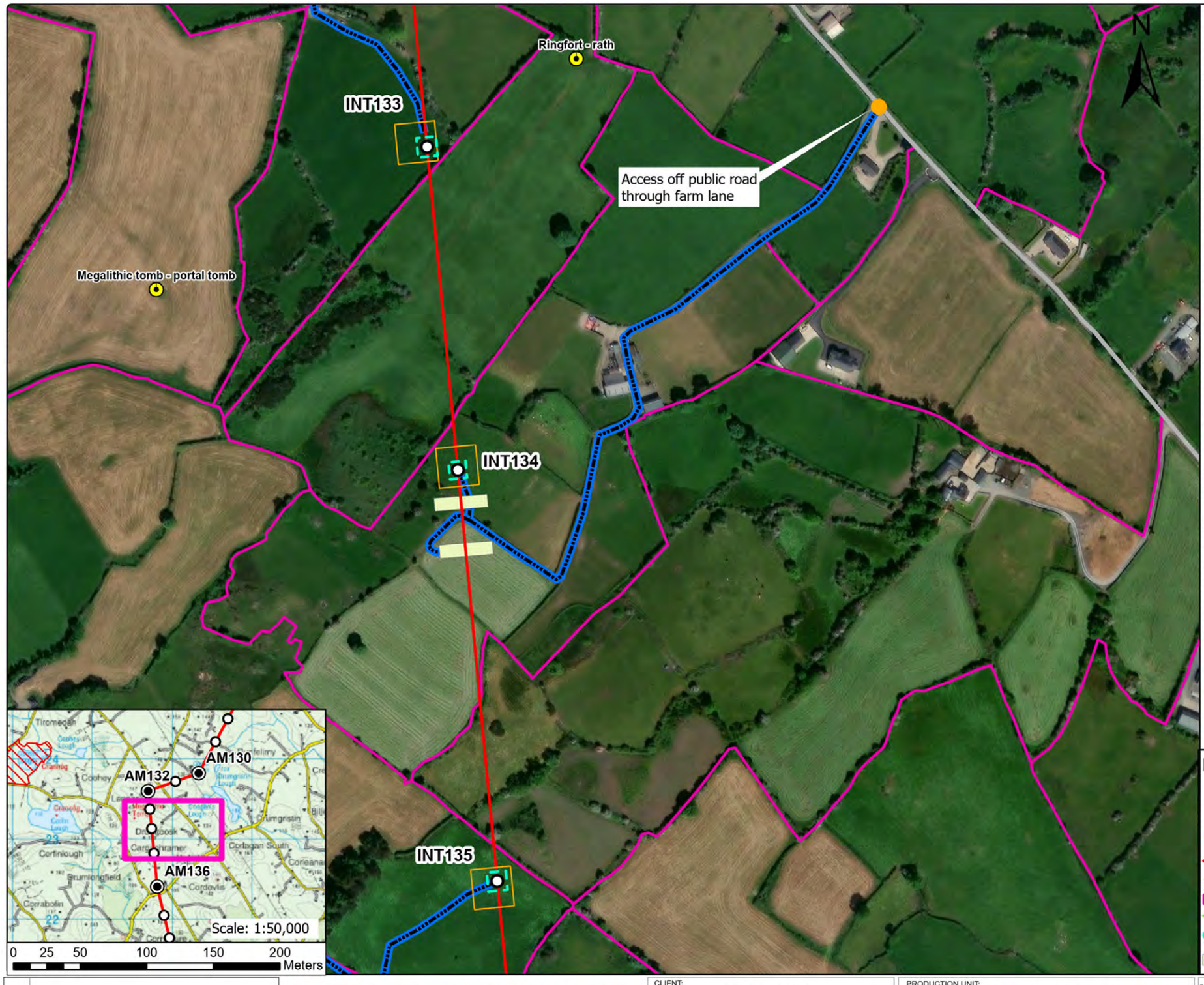
CLIENT:	ESB Networks
PROJECT:	North - South 400 kV Interconnector Development
PRODUCTION UNIT:	Engineering & Major Projects
DRAWING TITLE:	Access Route Map Intermediate Tower 131 & 133 Angle Mast 132

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-016-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	134	12.8m x 12.8m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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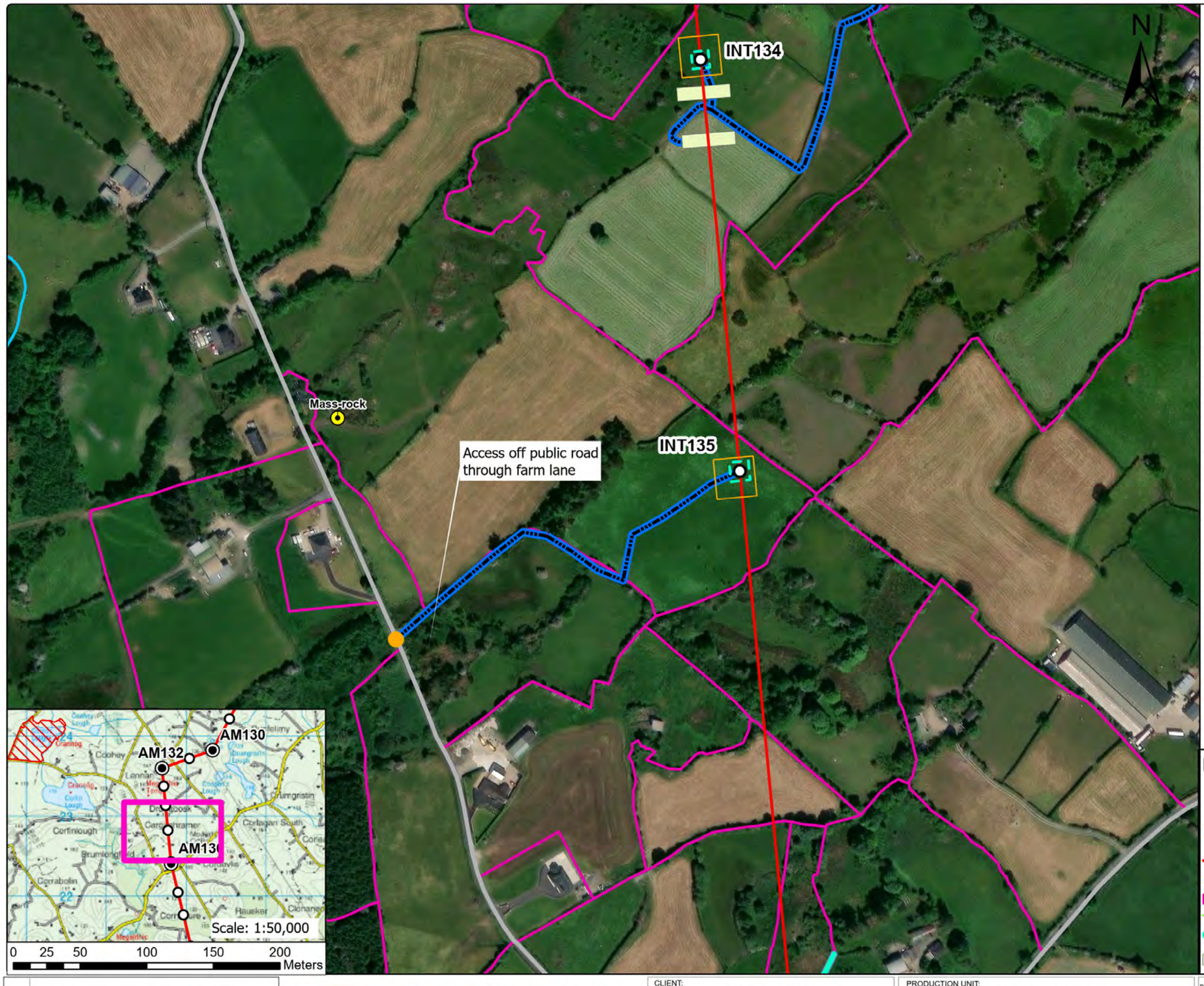
CLIENT:	ESB Networks
PROJECT:	North - South 400 kV Interconnector Development
PRODUCTION UNIT:	Engineering & Major Projects
DRAWING TITLE:	Access Route Map Intermediate Tower 134

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER — SHEET REV.
PE687-D422-042-017-000



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
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7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
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10. Excavation to be kept open only for the time that is strictly necessary to carry out installation works.
11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
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15. Uncontrolled discharges of water into existing drainage features shall not take place under any circumstances.
16. Wash water from chutes of concrete delivery vehicles, or from concrete delivery hoppers used to transport concrete to the excavation site, will be cleaned into lined skips stored within the Working Area. Washout activities of concrete delivery vehicles, other than chute cleaning, will take place at an appropriate facility offsite.
17. All fuels, oils and chemicals to be stored in suitably bunded and labelled containers. Spill kits to be available in proximity to such stores. Staff to be trained in use.
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19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	135	14.4m x 14.4m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects,
The Sidings, Grand Canal Quay,
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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

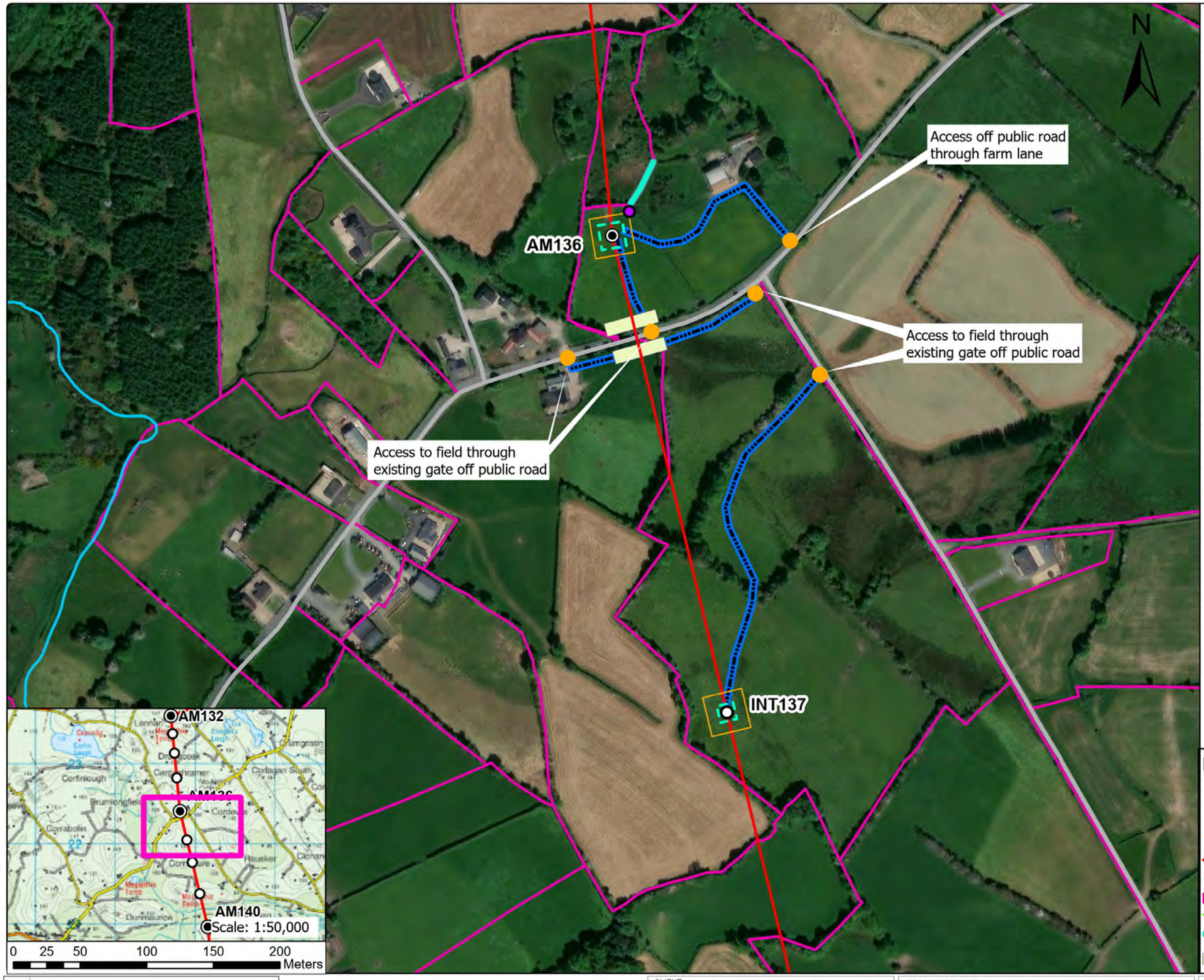
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 135

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-018-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	136	18.9m x 18.9m
Foundation Excavation Area	137	12.6m x 12.6m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

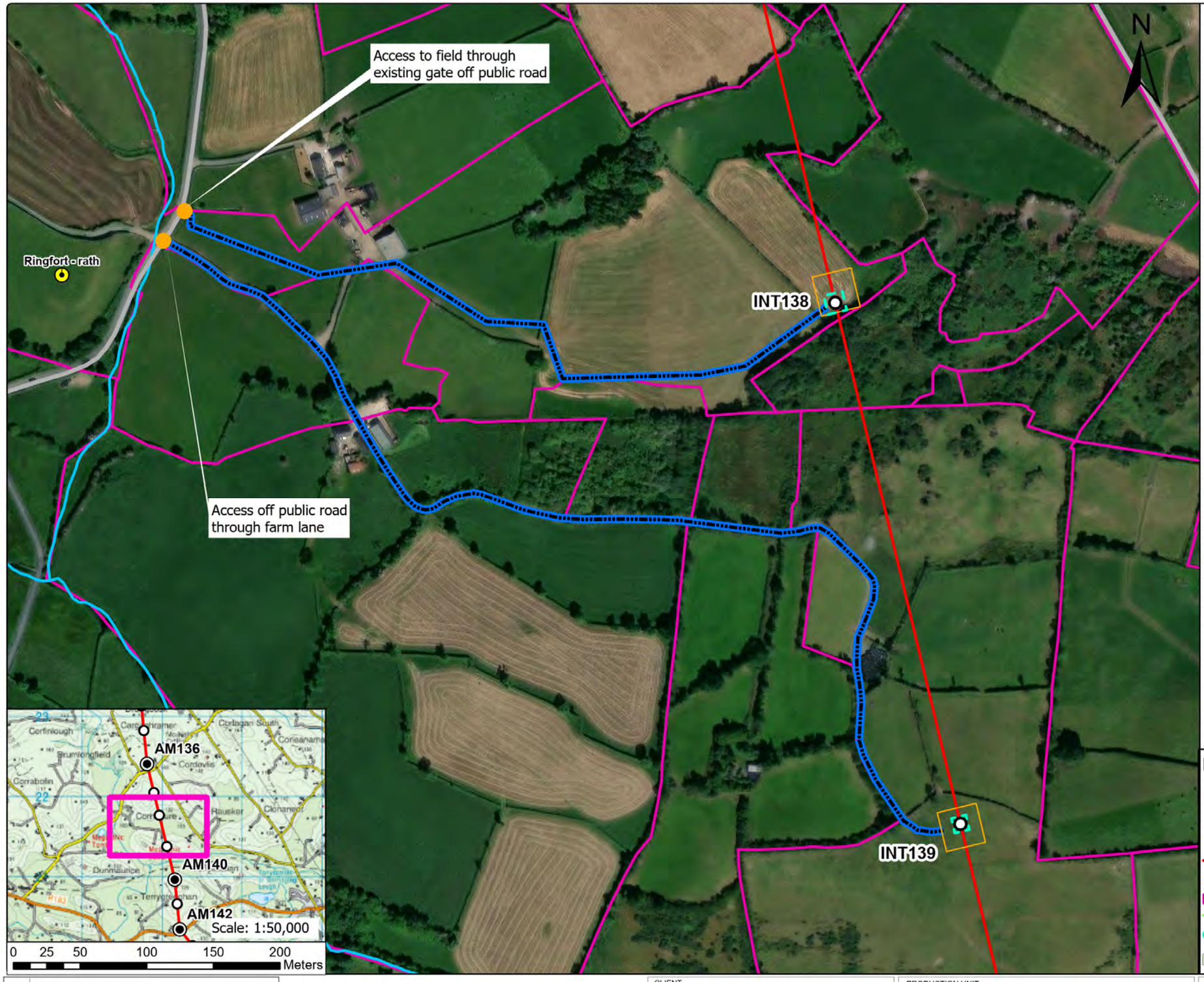
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 136 & 137

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-019-000 SHEET REV.



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	138	14.4m x 14.4m
Foundation Excavation Area	139	11.2m x 11.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

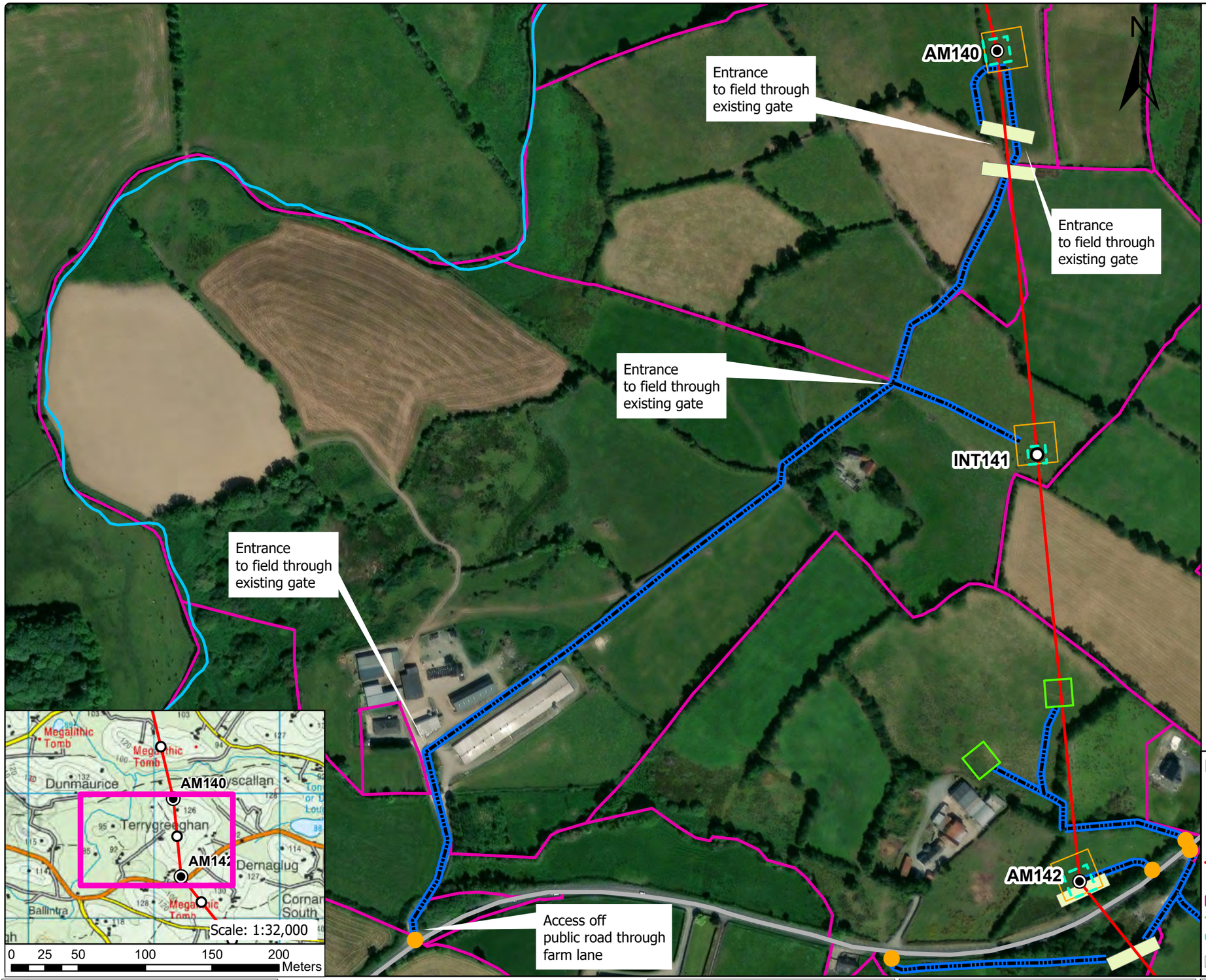
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 138 & 139

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
AP	AP	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-020-000 SHEET REV.



General Construction Mitigation Requirements

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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	140	19.2m x 19.2m
Foundation Excavation Area	141	13.3m x 13.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: **ESB Networks**

PRODUCTION UNIT: **Engineering & Major Projects**

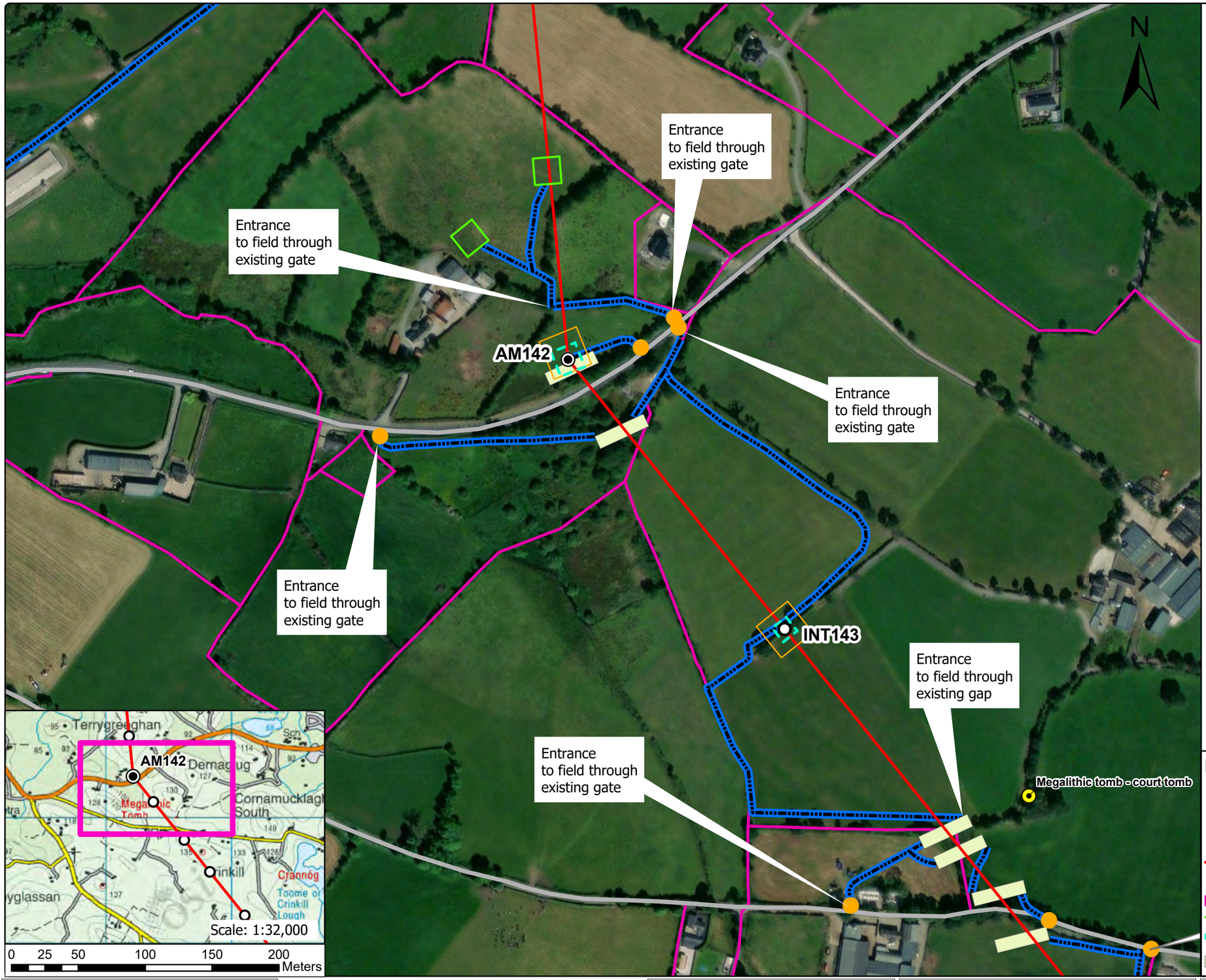
PROJECT: **North - South 400 kV Interconnector Development**

DRAWING TITLE: **Access Route Map
Angle Mast 140
Intermediate Tower 141**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: **PE687-D422-042-021-000** SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	142	20m x 20m
Foundation Excavation Area	143	13.3m x 13.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
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- Special Protection Area
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- Stream
- Drainage Ditches
- Silt Trap/Silt Fence
- Temporary Bridge
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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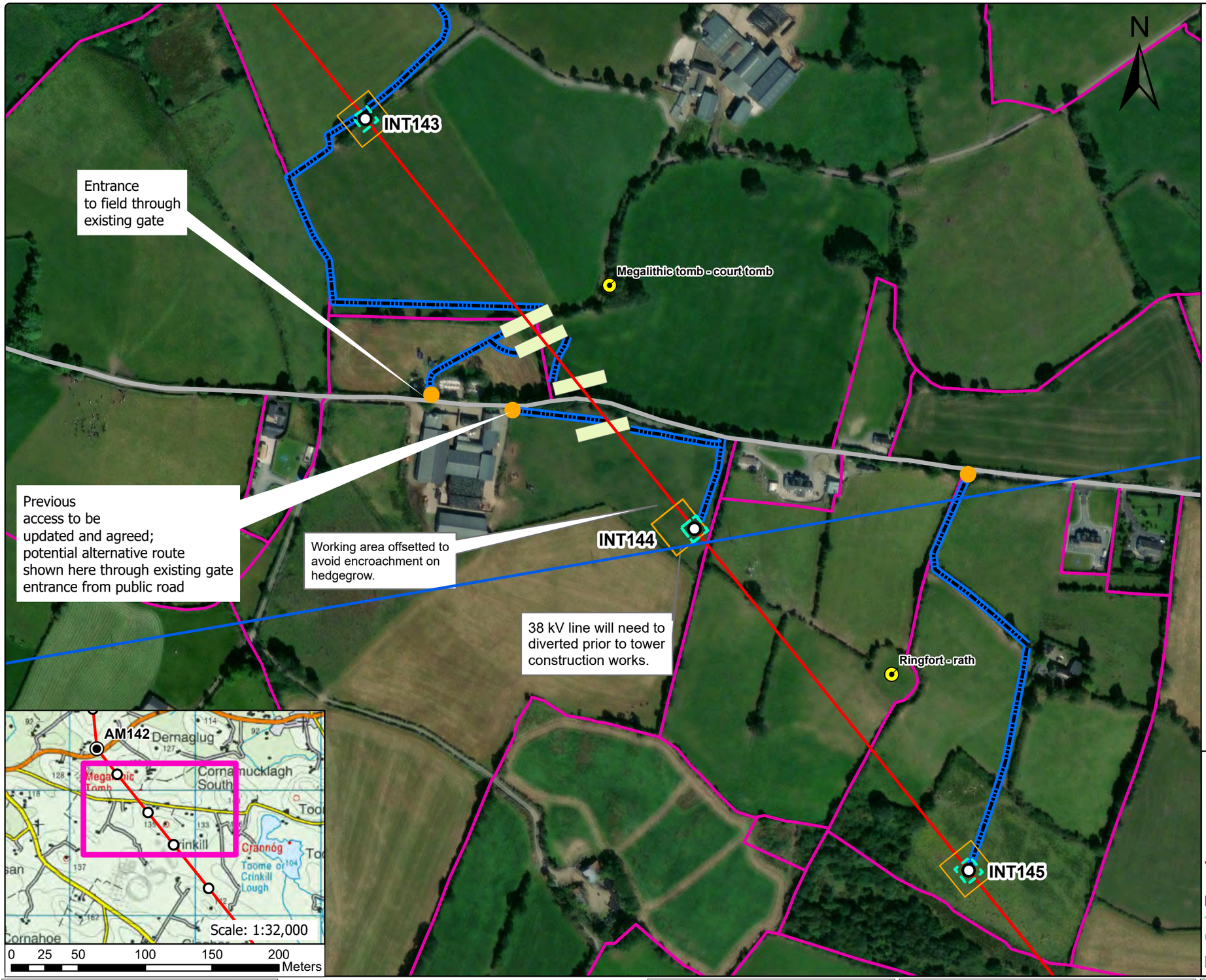
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE:
Access Route Map
Angle Mast 142
Intermediate Tower 143

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-022-000 SHEET REV



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	Structure No.	Area
Foundation Excavation Area	144	14.2m x 14.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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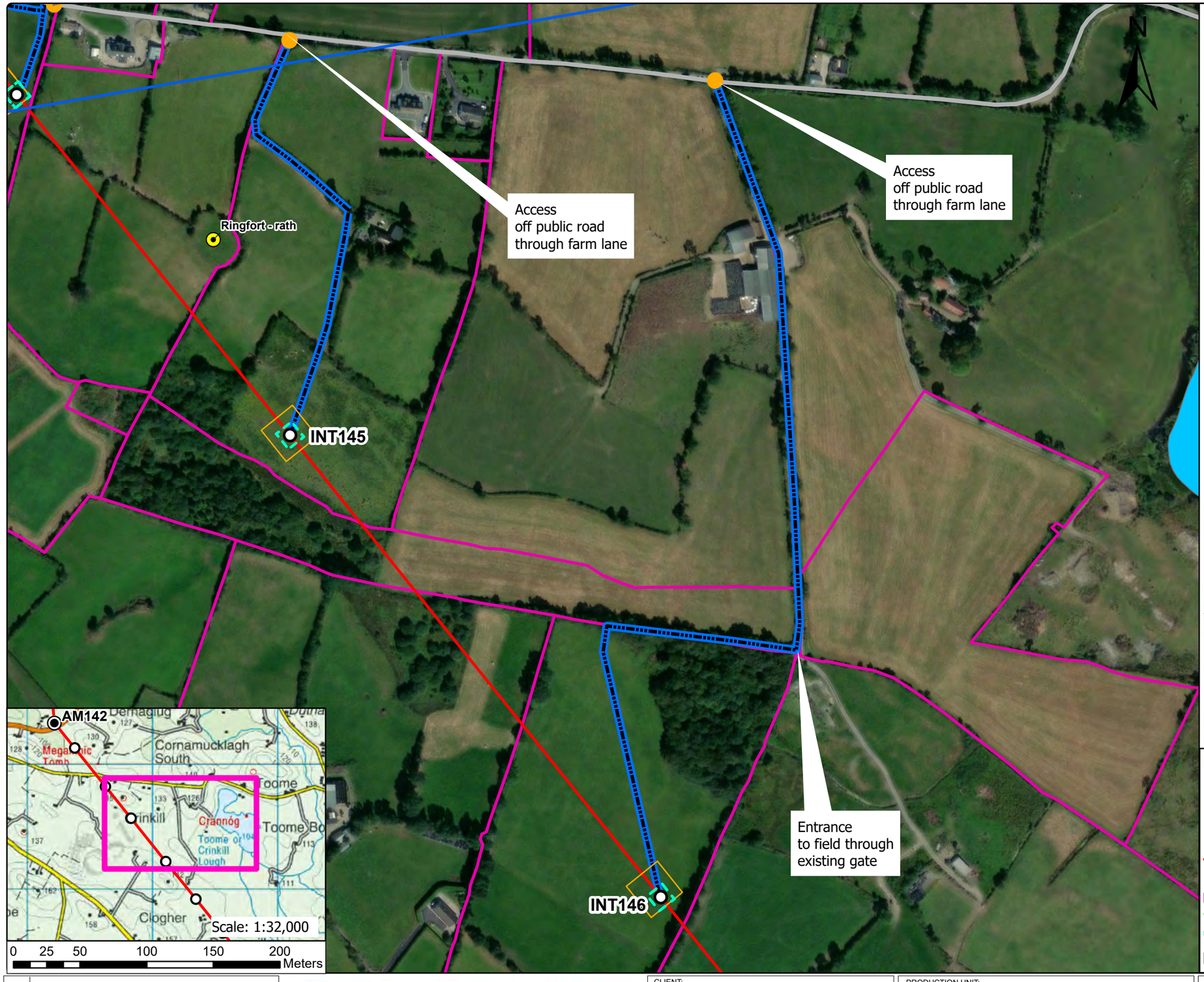
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 144

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-023-000 SHEET REV



General Construction Mitigation Requirements

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2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
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7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
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9. No deviation from defined access track / route unless otherwise agreed with ESB.
10. Excavation to be kept open only for the time that is strictly necessary to carry out installation works.
11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
14. Silt traps or equivalent to be installed in advance of works in proximity to or within drains or watercourses. Such measures to be inspected at least daily.
15. Uncontrolled discharges of water into existing drainage features shall not take place under any circumstances.
16. Wash water from chutes of concrete delivery vehicles, or from concrete delivery hoppers used to transport concrete to the excavation site, will be cleaned into lined skips stored within the Working Area. Washout activities of concrete delivery vehicles, other than chute cleaning, will take place at an appropriate facility offsite.
17. All fuels, oils and chemicals to be stored in suitably bunded and labelled containers. Spill kits to be available in proximity to such stores. Staff to be trained in use.
18. Type 1 and Type 2 Access Routes are as noted in the EIS with Type 1 typically being existing roads / tracks while Type 2 is typically over ground where temporary access tracks may be required.
19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	145	15.3m x 15.3m
Foundation Excavation Area	146	14.4m x 14.4m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects,
The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

Tel: +353 (0)1 703 8000 Web: www.esb.ie
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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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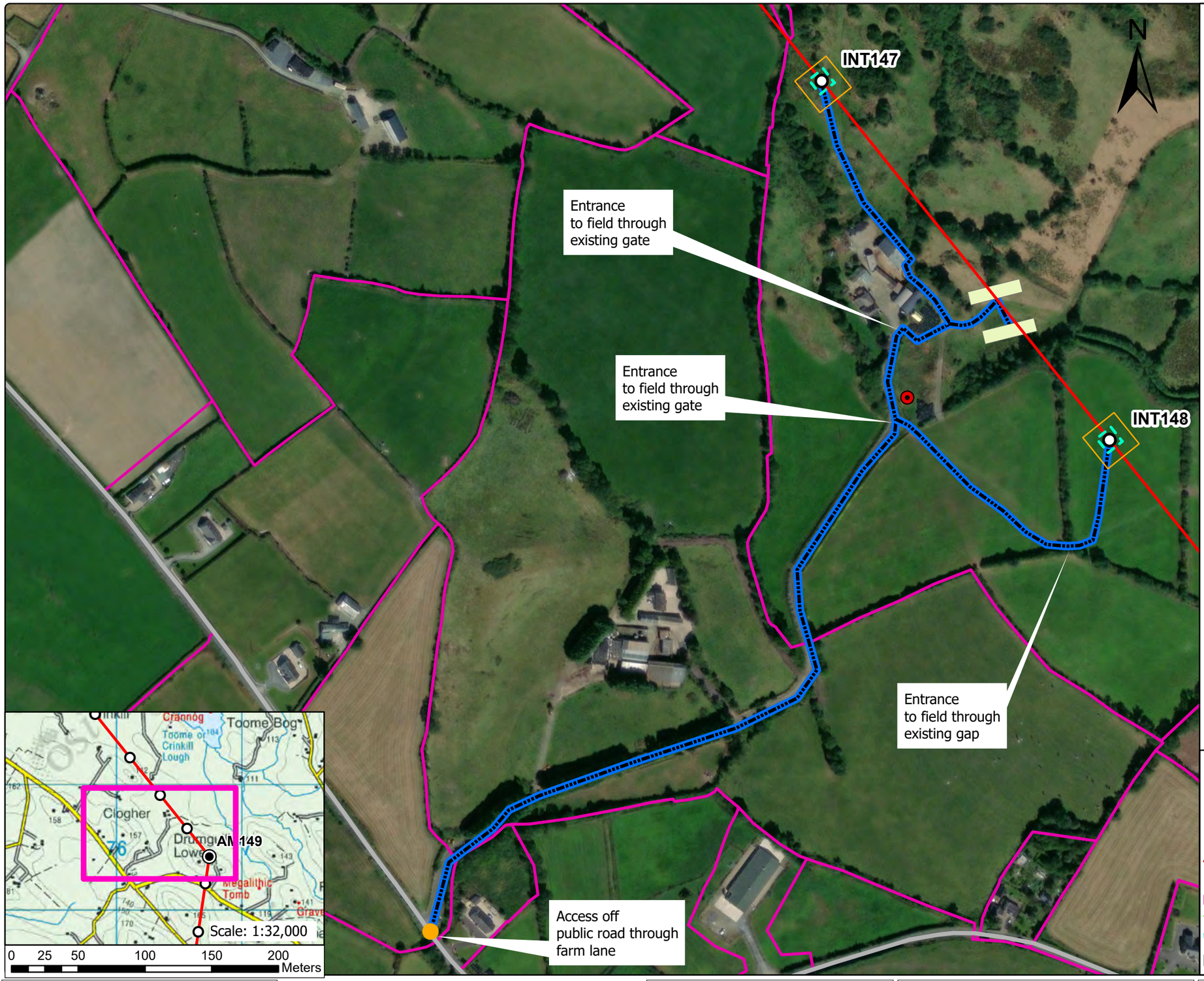
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 145 & 146

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-024-000 SHEET REV



General Construction Mitigation Requirements

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13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	147	13.7m x 13.7m
Foundation Excavation Area	148	13.7m x 13.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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The Sidings, Grand Canal Quay,
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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

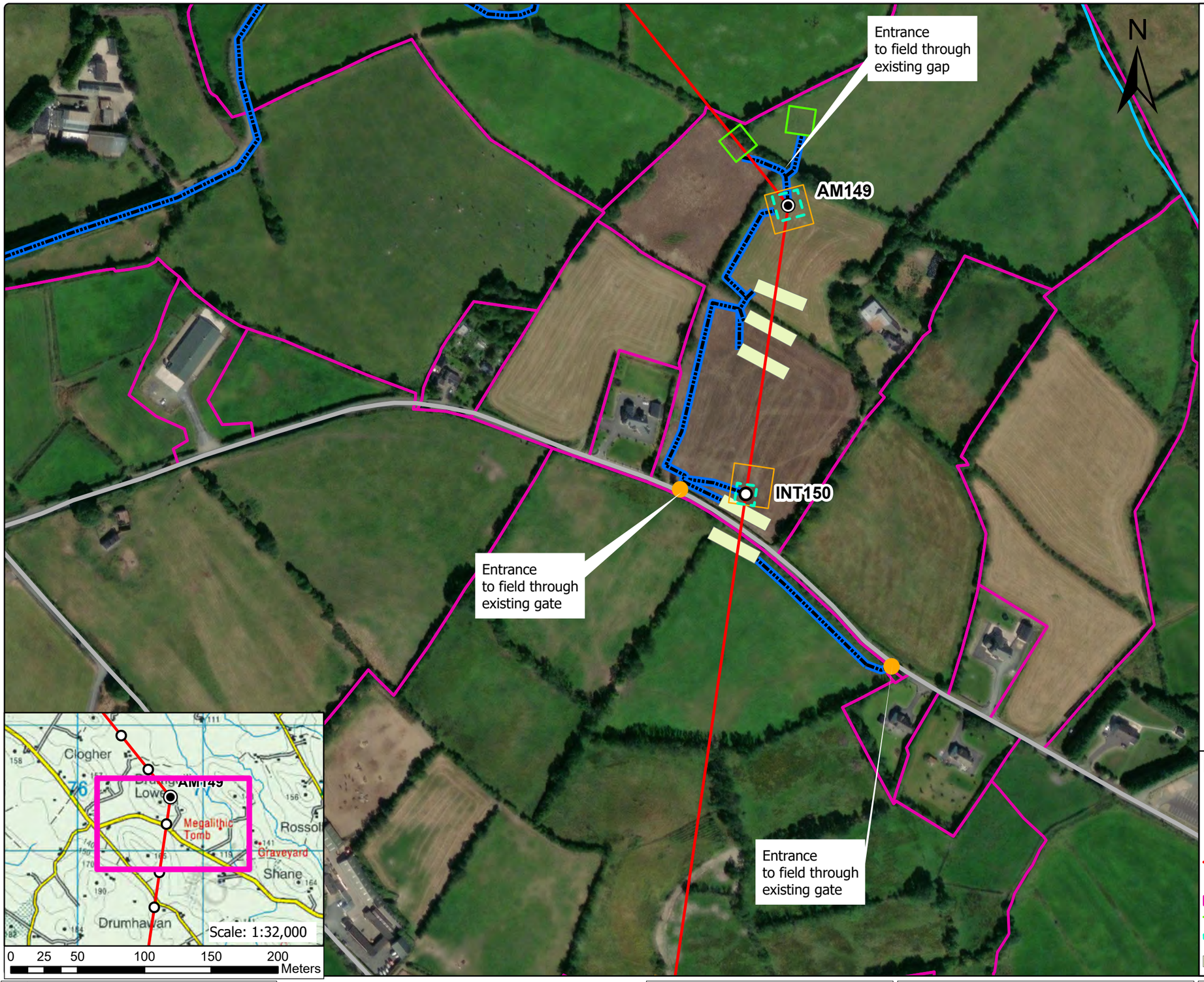
PRODUCTION UNIT: **Engineering & Major Projects**

DRAWING TITLE: **Access Route Map Intermediate Tower 147 & 148**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-025-000** SHEET REV



General Construction Mitigation Requirements

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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	149	20m x 20m
Foundation Excavation Area	150	14.9m x 14.9m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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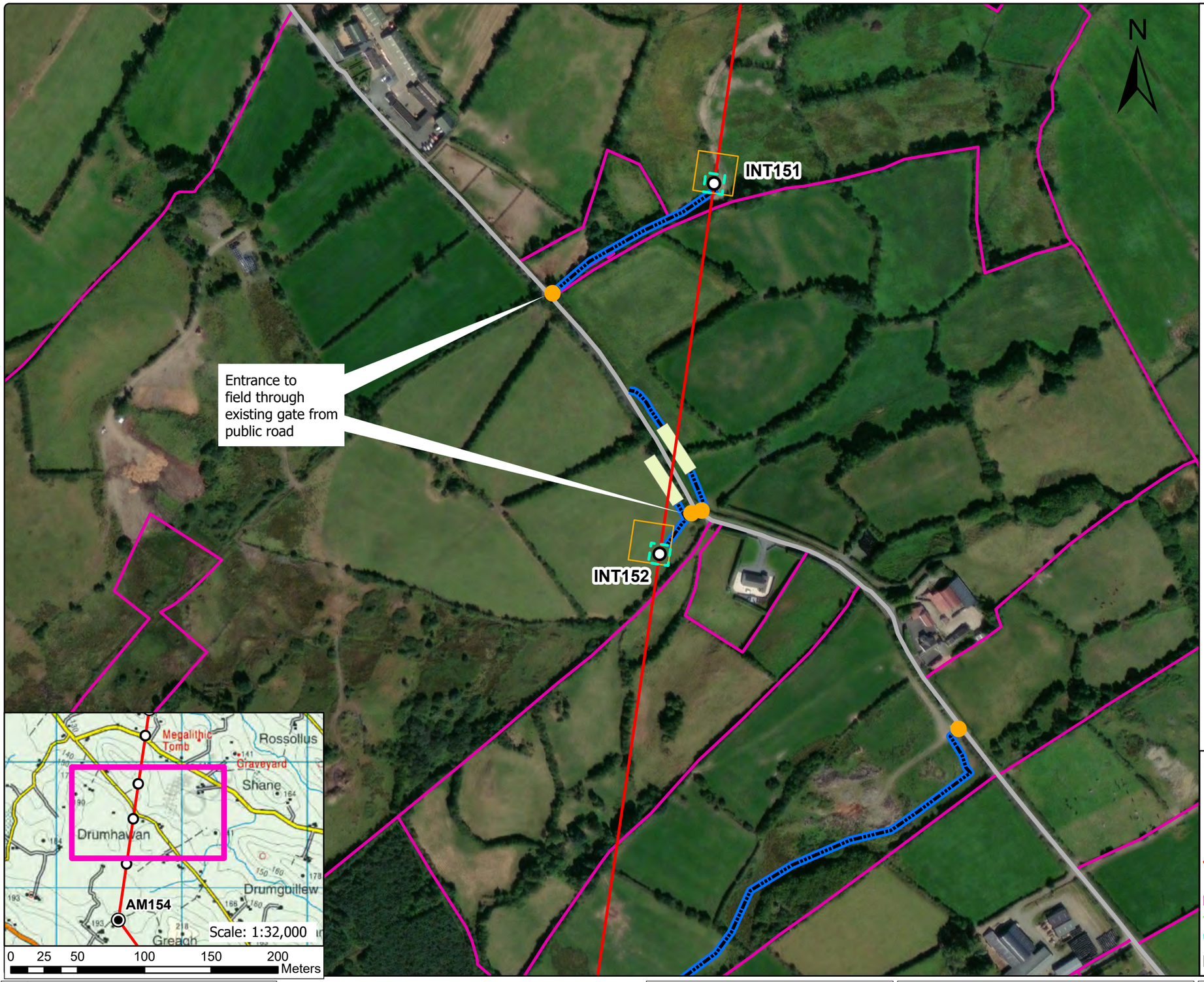
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE:
Access Route Map
Angle Mast 149
Intermediate Mast 150

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-026-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	151	14.4m x 14.4m
Foundation Excavation Area	152	14.9m x 14.9m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
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- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

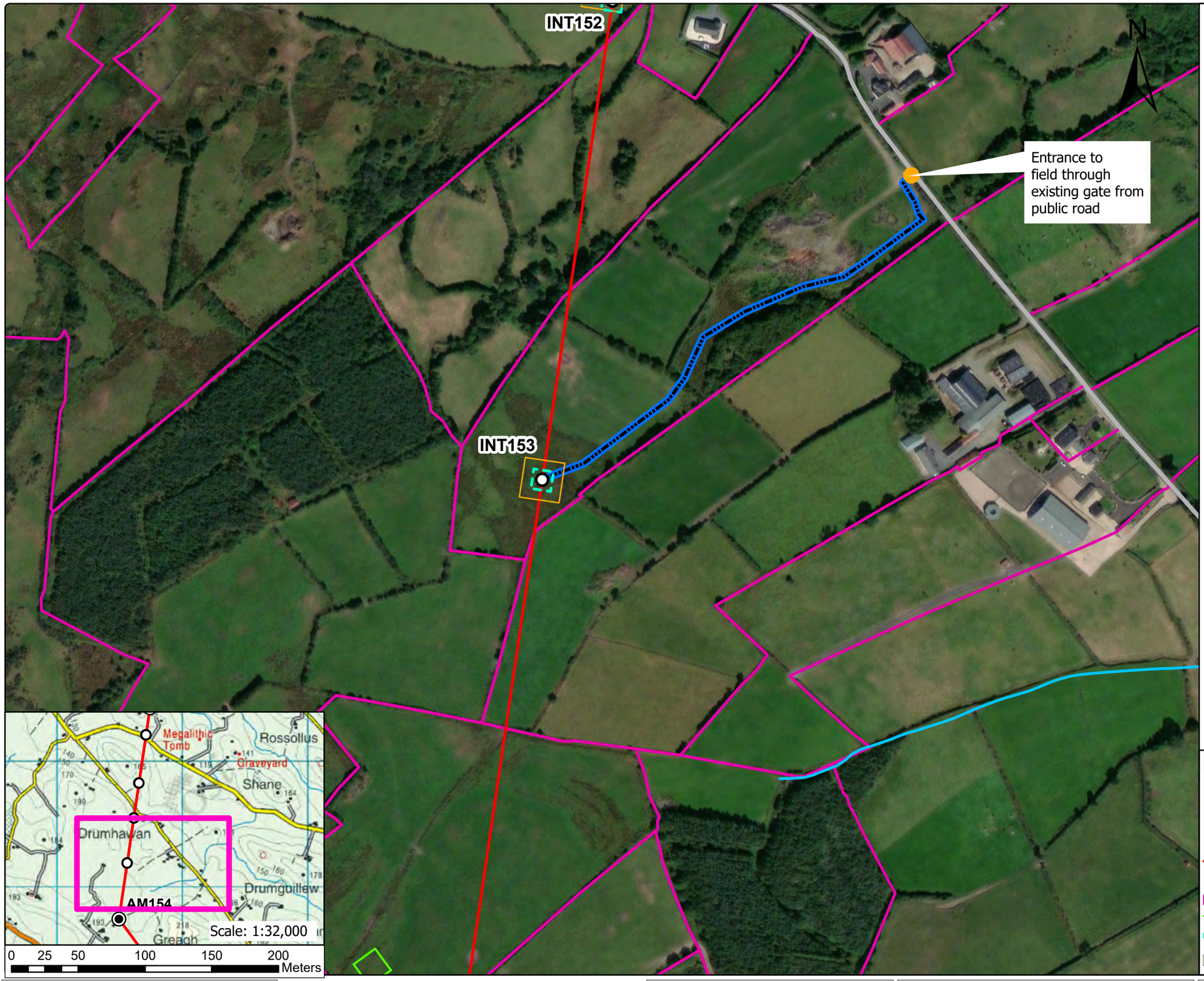
PRODUCTION UNIT: **Engineering & Major Projects**

DRAWING TITLE: **Access Route Map Intermediate Tower 151 & 152**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-027-000** SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	153	14.9m x 14.9m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
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- Lake
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- Special Area of Conservation
- Special Protection Area
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- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
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Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

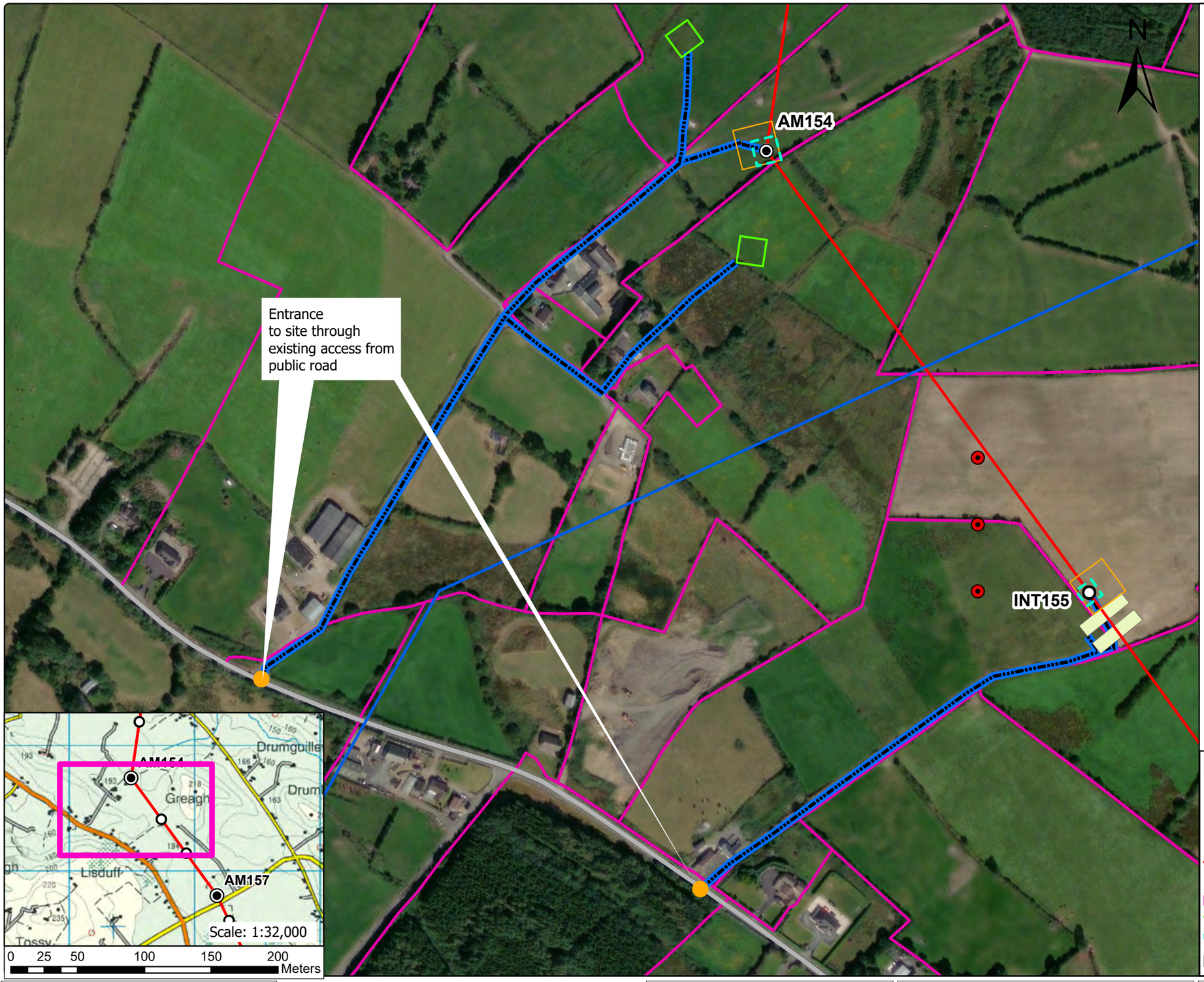
PRODUCTION UNIT: **Engineering & Major Projects**

DRAWING TITLE: **Access Route Map Intermediate Tower 153**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-028-000** SHEET REV



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	Structure No.	Area
Foundation Excavation Area	154	19m x 19m
Foundation Excavation Area	155	14.2m x 14.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
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- Special Protection Area
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- Stream
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- River Monitoring Locations
- Wells
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Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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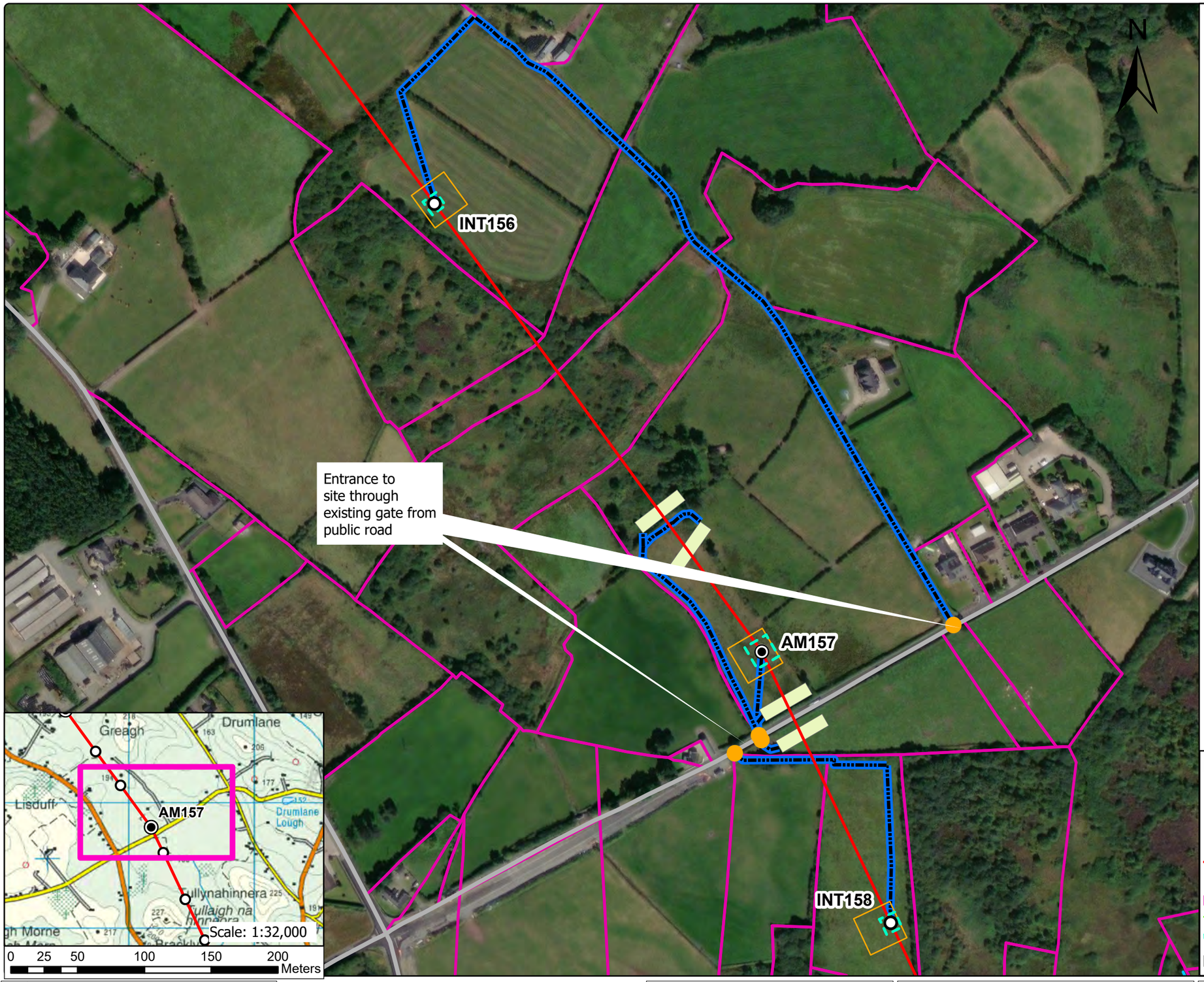
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 154 & 155

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-029-000 SHEET REV



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
3. Implement all relevant mitigation measures as per map
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5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
8. Temporary access tracks to be used at any section across existing drains or if localised soft ground is encountered.
9. No deviation from defined access track / route unless otherwise agreed with ESB.
10. Excavation to be kept open only for the time that is strictly necessary to carry out installation works.
11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
14. Silt traps or equivalent to be installed in advance of works in proximity to or within drains or watercourses. Such measures to be inspected at least daily.
15. Uncontrolled discharges of water into existing drainage features shall not take place under any circumstances.
16. Wash water from chutes of concrete delivery vehicles, or from concrete delivery hoppers used to transport concrete to the excavation site, will be cleaned into lined skips stored within the Working Area. Washout activities of concrete delivery vehicles, other than chute cleaning, will take place at an appropriate facility offsite.
17. All fuels, oils and chemicals to be stored in suitably bunded and labelled containers. Spill kits to be available in proximity to such stores. Staff to be trained in use.
18. Type 1 and Type 2 Access Routes are as noted in the EIS with Type 1 typically being existing roads / tracks while Type 2 is typically over ground where temporary access tracks may be required.
19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	156	12.1m x 12.1m
Foundation Excavation Area	157	19.2m x 19.2m
Foundation Excavation Area	158	13.2m x 13.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects, The Sidings, Grand Canal Quay, Dublin 2, D02 E7K8, Ireland.

Tel: +353 (0)1 703 8000 Web: www.esb.ie

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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

PRODUCTION UNIT: **Engineering & Major Projects**

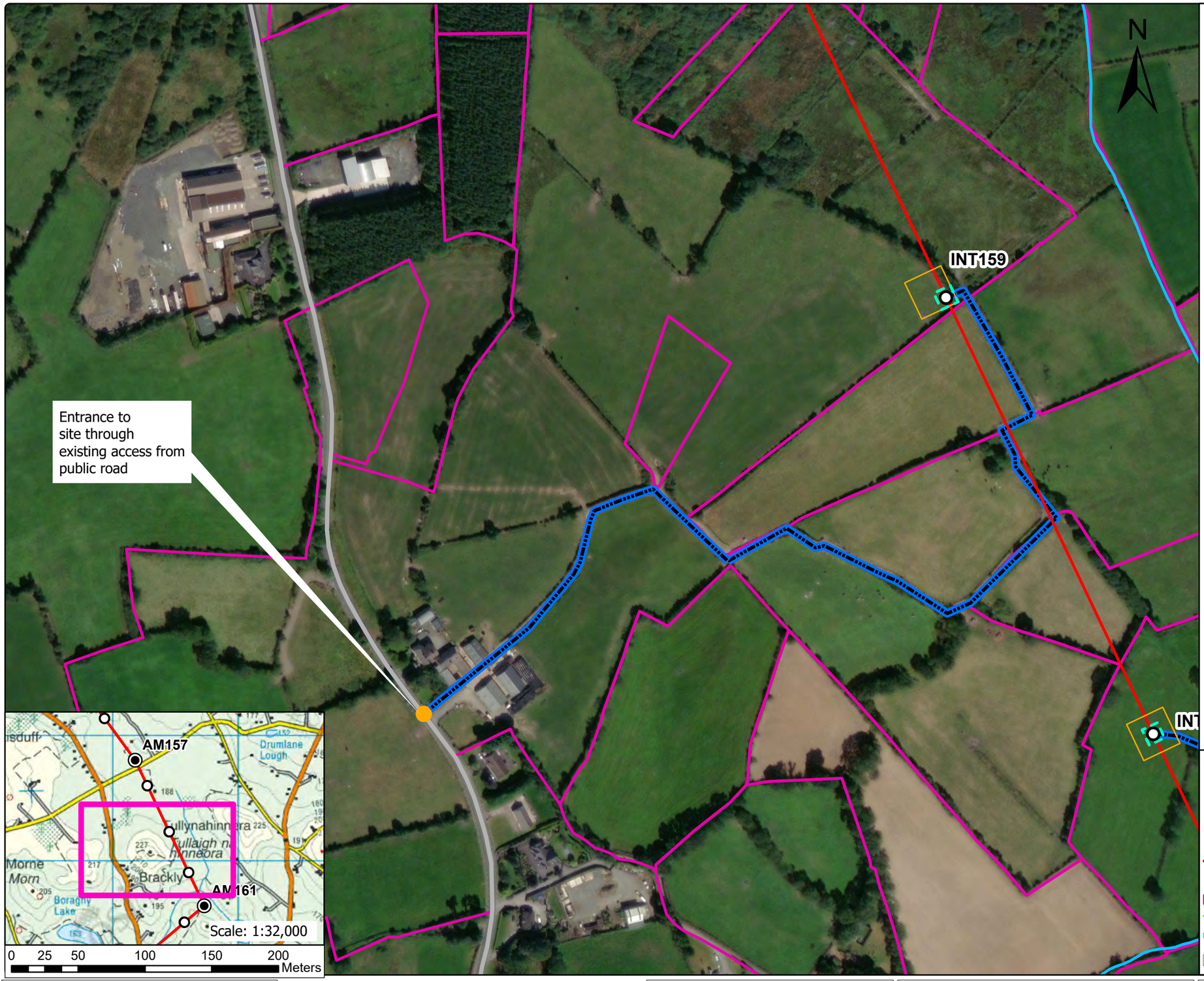
DRAWING TITLE: **Access Route Map Intermediate Tower 156 & 158 Angle Mast 157**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER SHEET REV

PE687-D422-042-030-000



General Construction Mitigation Requirements

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11. Backfill and appropriate reinstatement of the area.
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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	159	13.7m x 13.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

Tel: +353 (0)1 703 8000 Web: www.esb.ie
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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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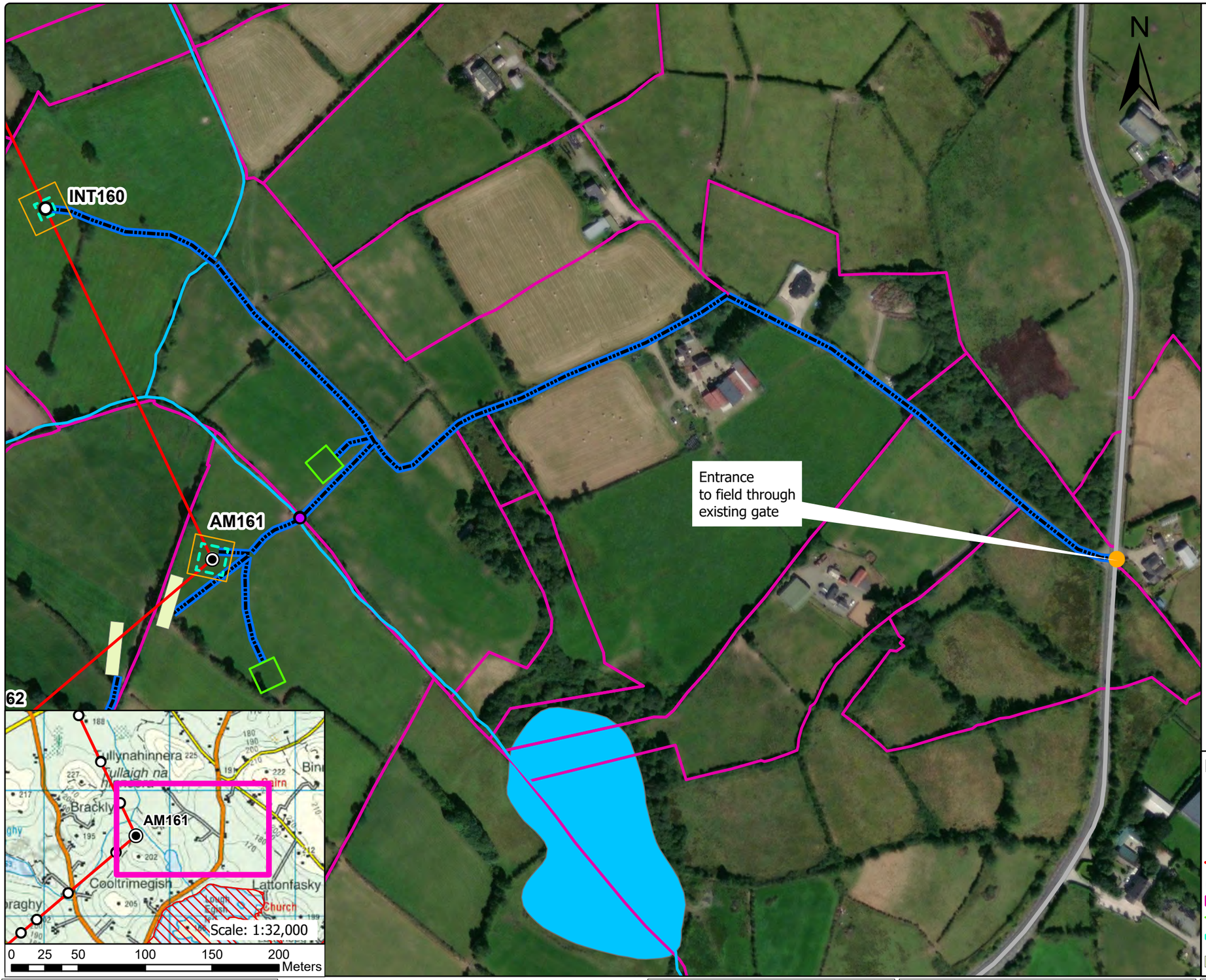
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 159

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-031-000 SHEET REV



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	Structure No.	Area
Foundation Excavation Area	160	12.6m x 12.6m
Foundation Excavation Area	161	20.8m x 20.8m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Energy for generations

CLIENT: **ESB Networks**

PRODUCTION UNIT: **Engineering & Major Projects**

PROJECT: **North - South 400 kV Interconnector Development**

DRAWING TITLE: **Access Route Map Intermediate Tower 160 Angle Mast 161**

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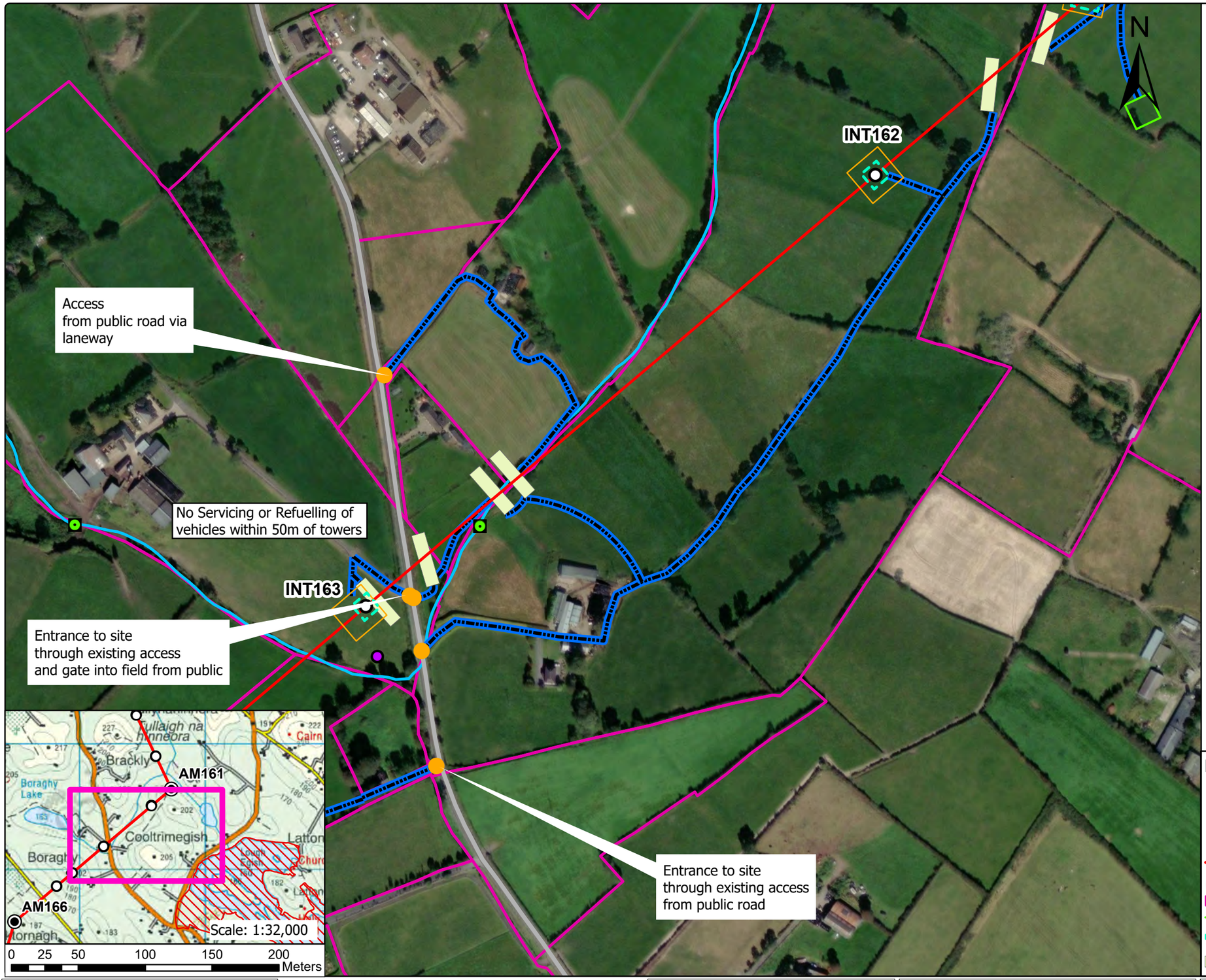
DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-032-000** SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	162	14.9m x 14.9m
Foundation Excavation Area	163	14.7m x 14.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

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PRODUCTION UNIT: **Engineering & Major Projects**

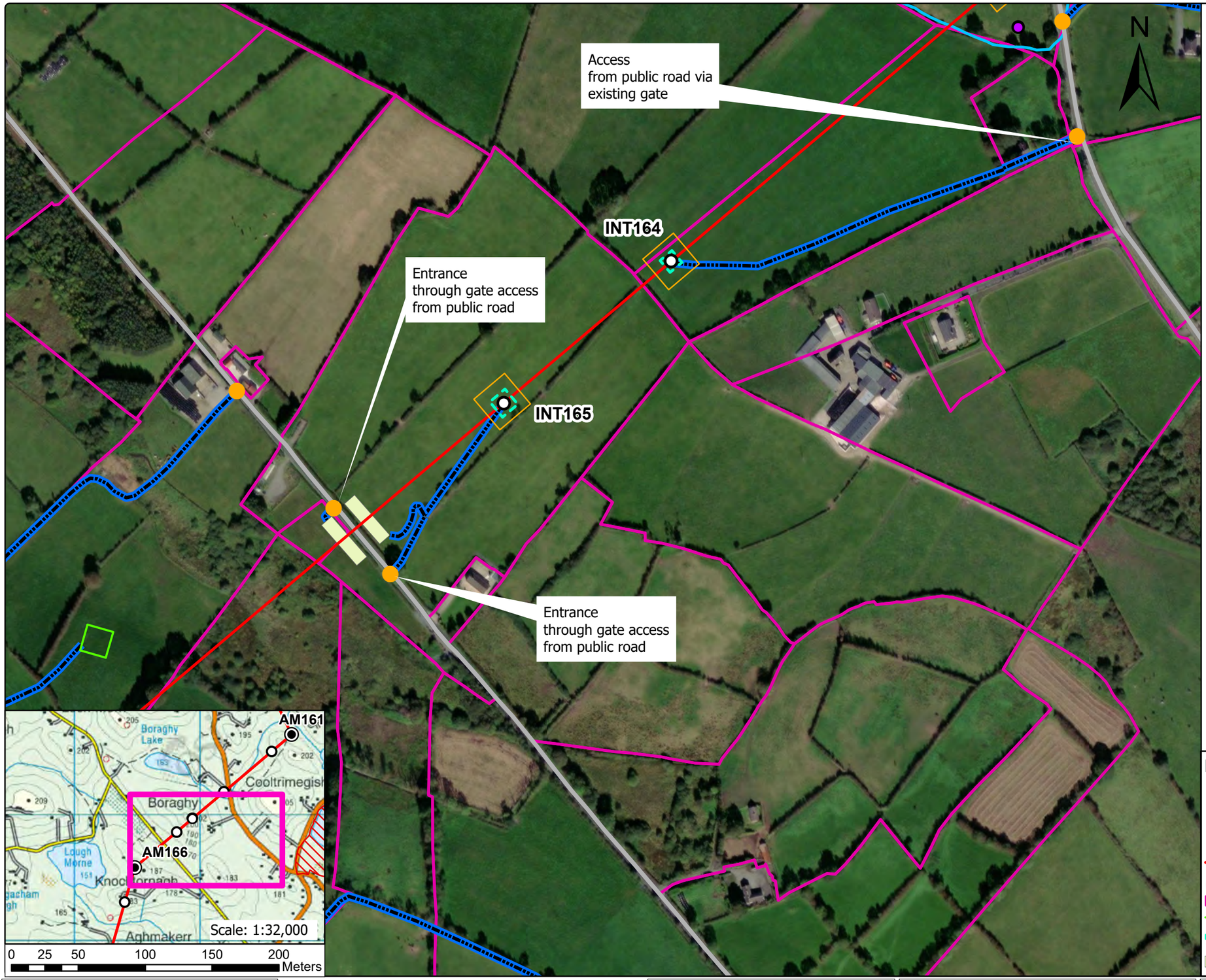
DRAWING TITLE: **Access Route Map Intermediate Tower 162 &163**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER SHEET REV

PE687-D422-042-033-000



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	164	11.6m x 11.6m
Foundation Excavation Area	165	14.9m x 14.9m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
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- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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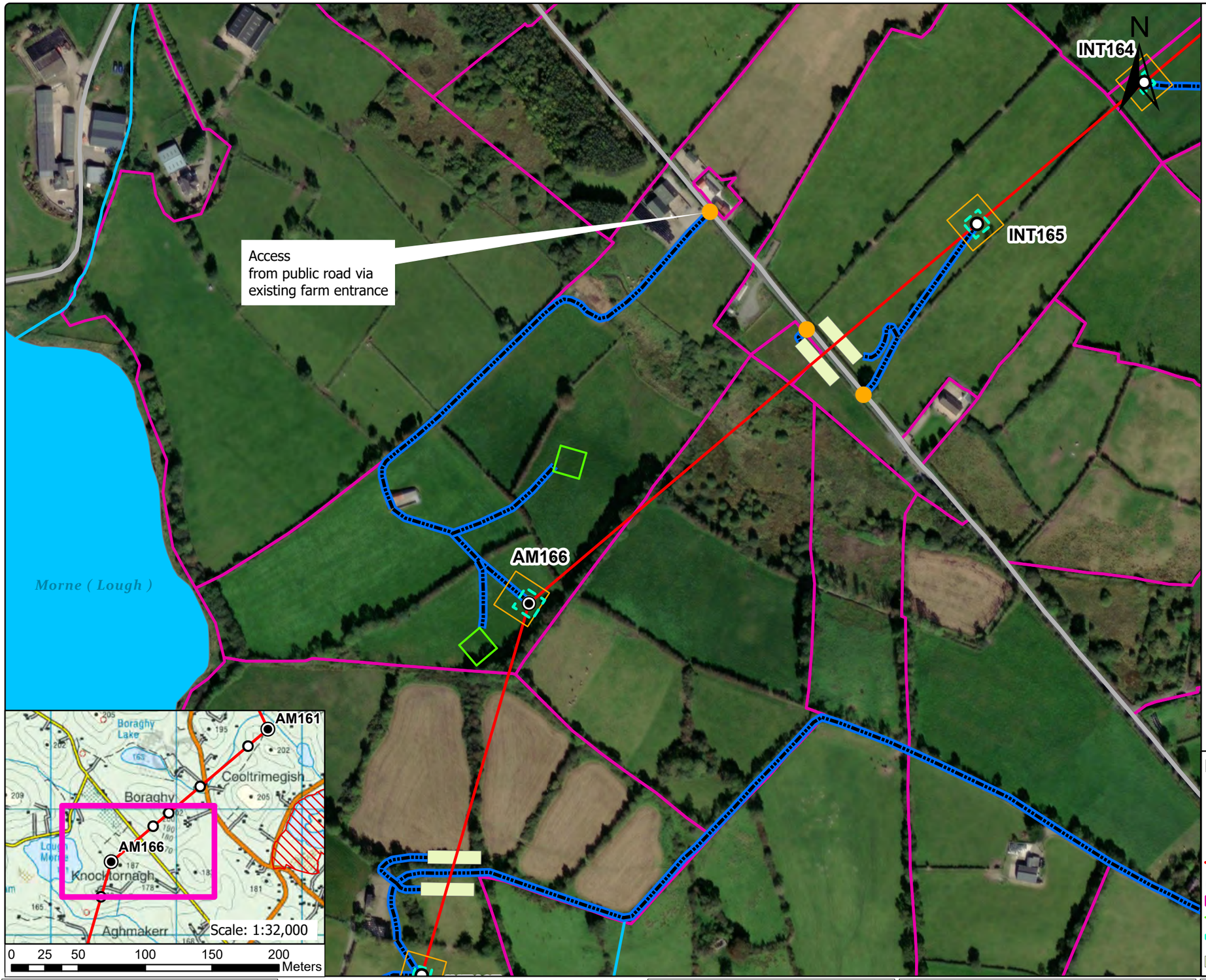
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 164 &165

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-034-000 SHEET REV



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	Structure No.	Area
Foundation Excavation Area	166	17.4m x 17.4m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PRODUCTION UNIT: Engineering & Major Projects

PROJECT: North - South 400 kV Interconnector Development

DRAWING TITLE: Access Route Map Intermediate Tower 166

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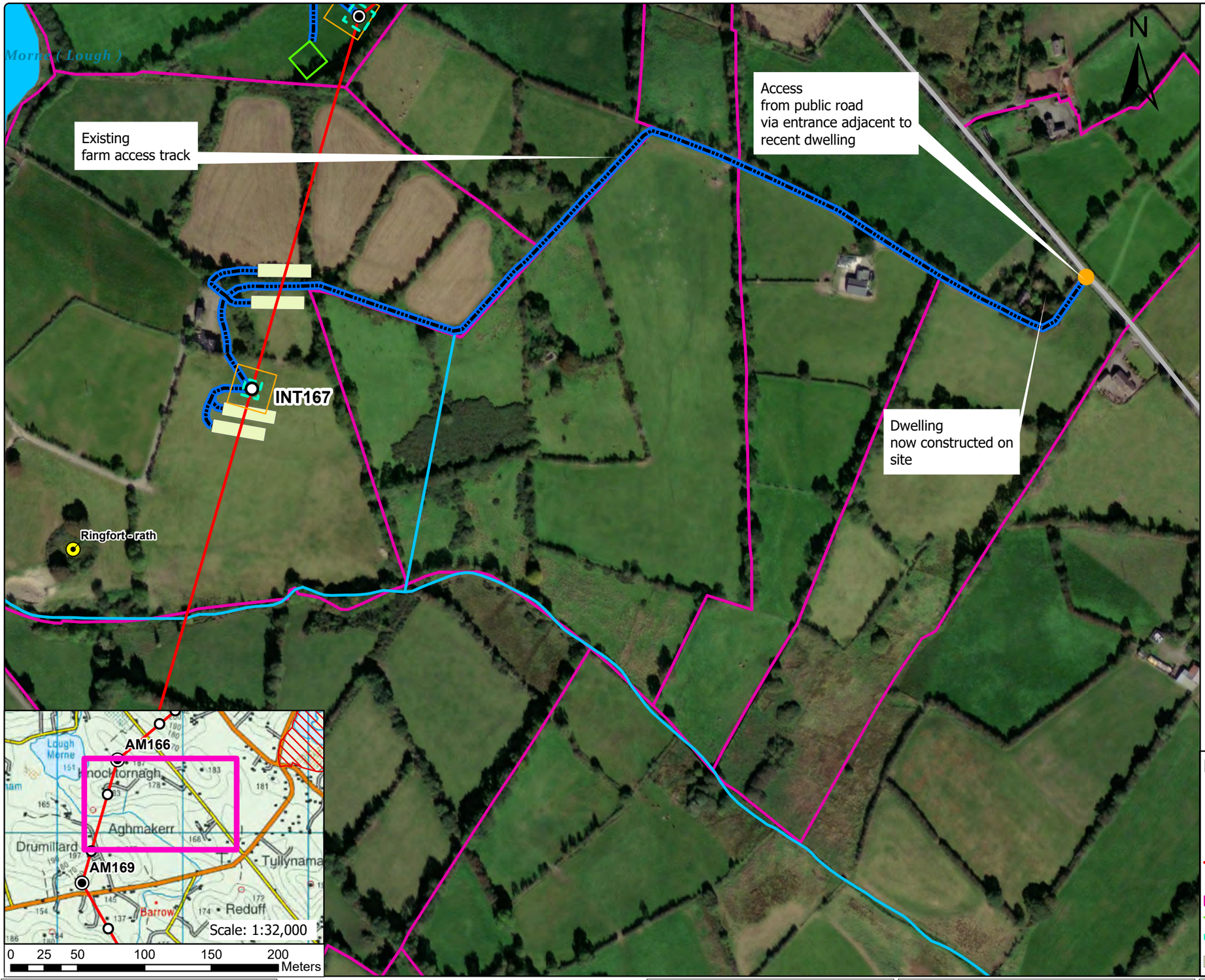
DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-035-000 SHEET REV



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
3. Implement all relevant mitigation measures as per map
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5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
8. Temporary access tracks to be used at any section across existing drains or if localised soft ground is encountered.
9. No deviation from defined access track / route unless otherwise agreed with ESB.
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11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
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19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	167	12.3m x 12.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects,
The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

Tel: +353 (0) 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a division of ESB

CLIENT: **ESB Networks**

PRODUCTION UNIT: **Engineering & Major Projects**

PROJECT: **North - South 400 kV Interconnector Development**

DRAWING TITLE: **Access Route Map Intermediate Tower 167**

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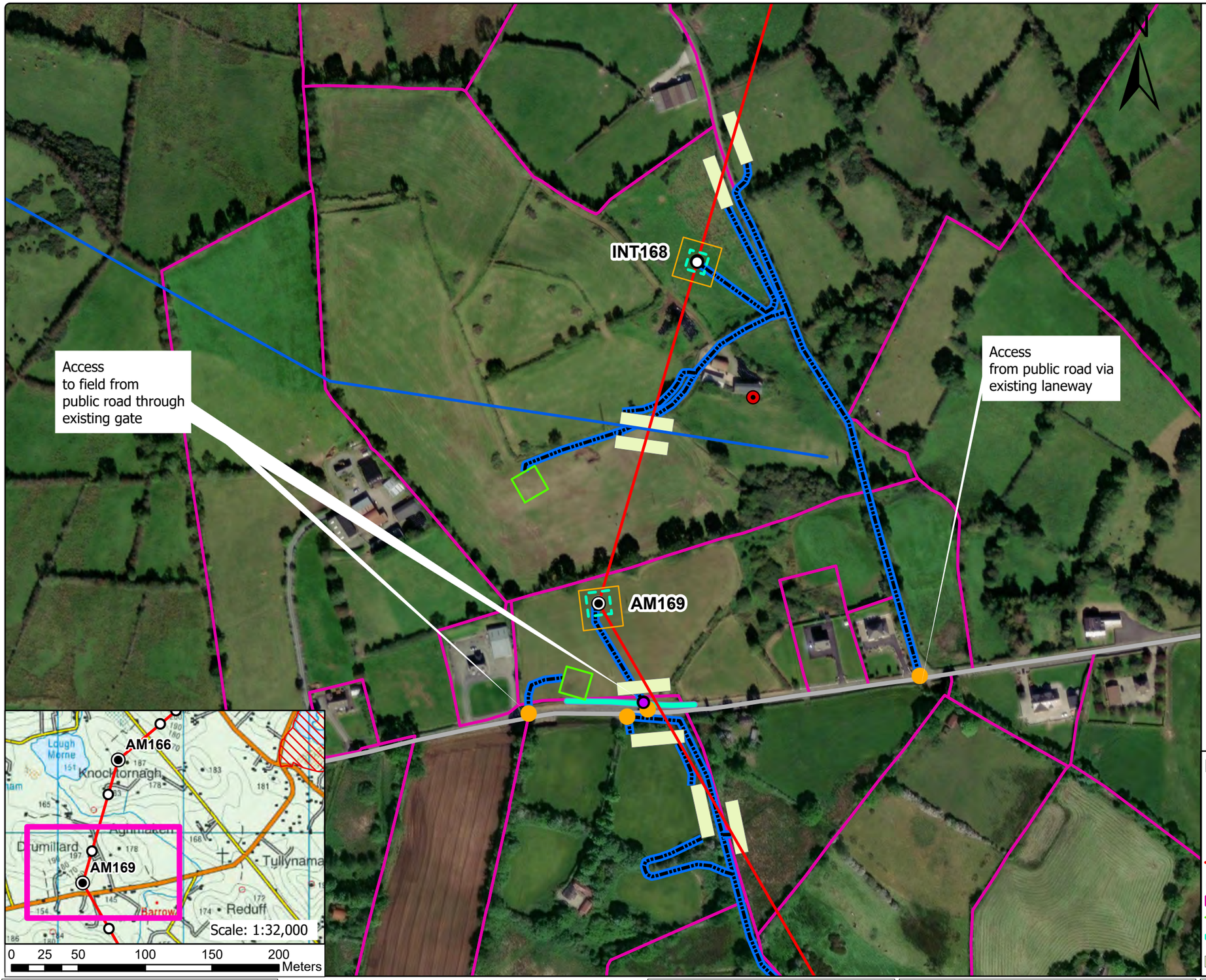
DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER SHEET REV

PE687-D422-042-036-000



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	168	14.7m x 14.7m
Foundation Excavation Area	169	17.7m x 17.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects,
The Sidings, Grand Canal Quay,
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CLIENT: **ESB Networks**

PRODUCTION UNIT: **Engineering & Major Projects**

PROJECT: **North - South 400 kV Interconnector Development**

DRAWING TITLE: **Access Route Map Intermediate Tower 168 Angle Mast 169**

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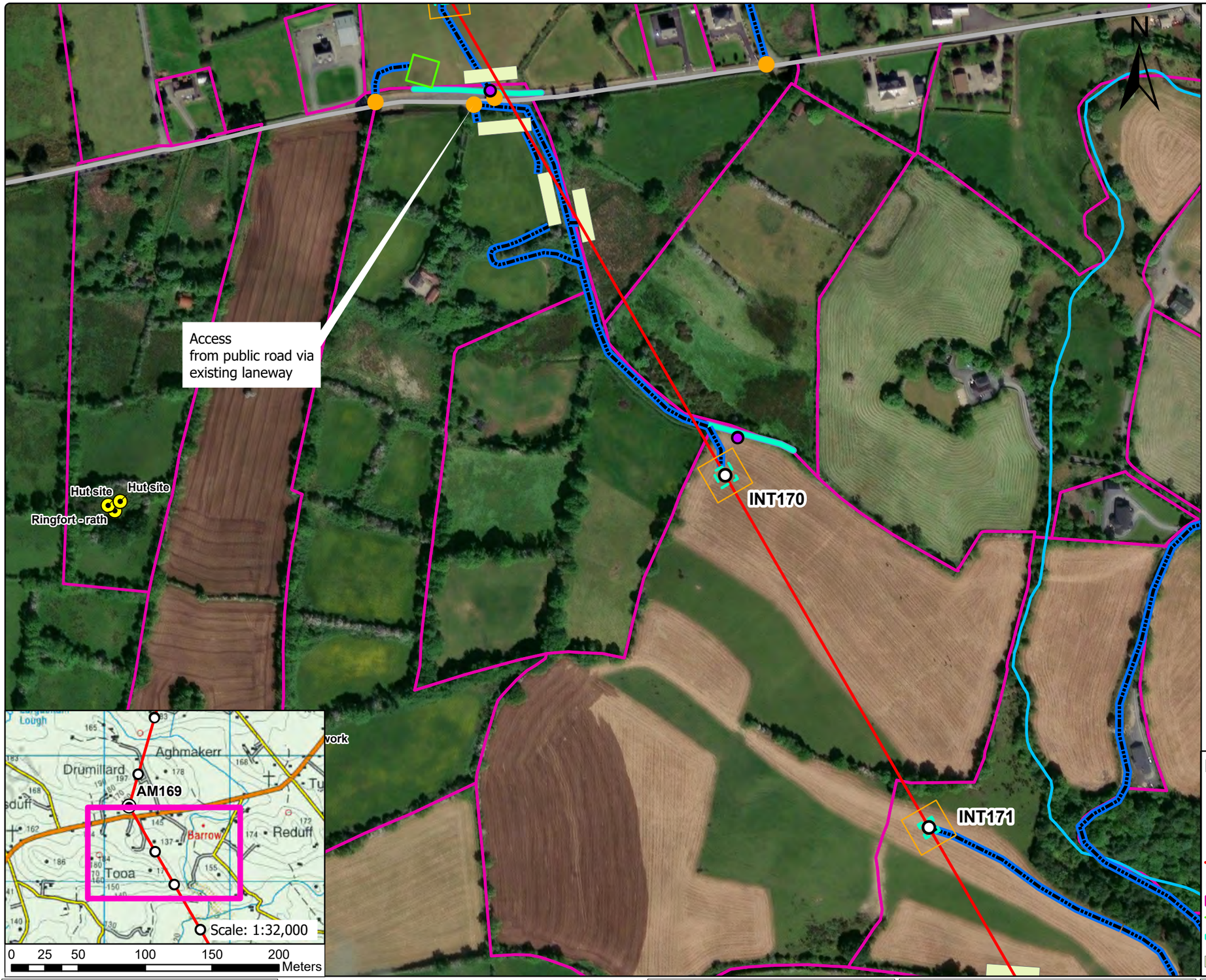
DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-037-000** SHEET REV



General Construction Mitigation Requirements

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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	170	13.5m x 13.5m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Tel: +353 (0) 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a division of ESB

CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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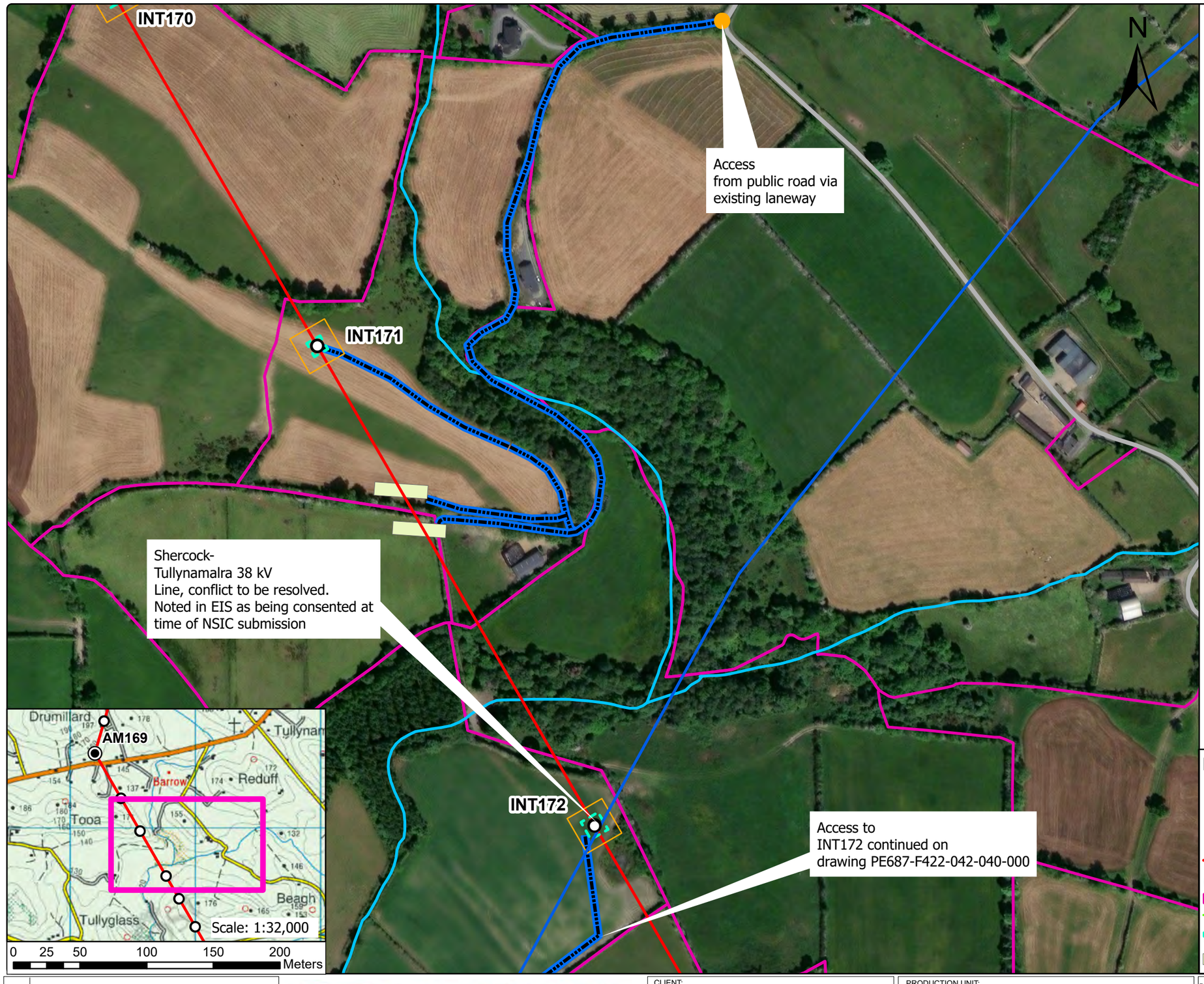
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 170

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-038-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	171	11.6m x 11.6m
Foundation Excavation Area	172	14.9m x 14.9m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Monaghan Way
- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

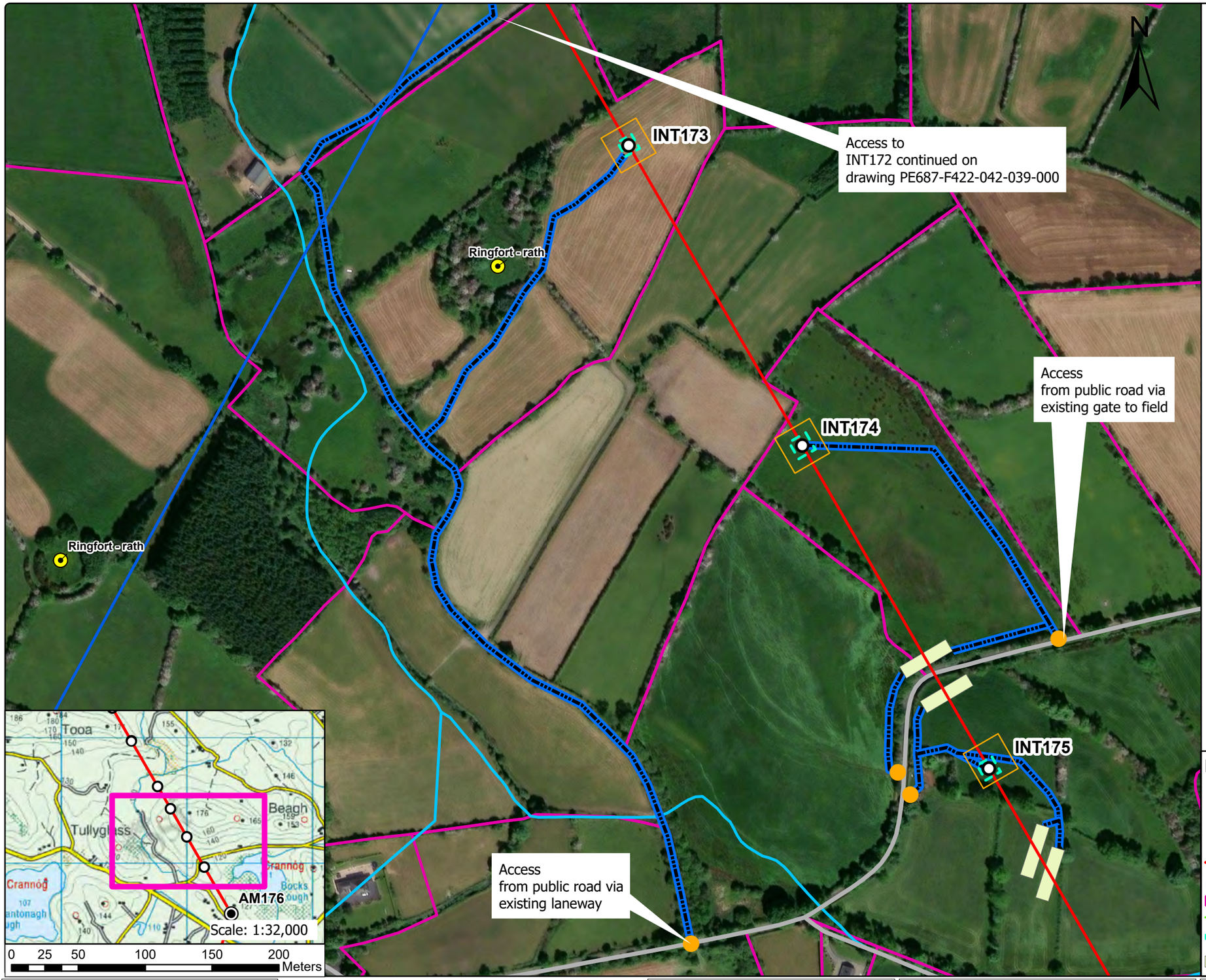
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 171 & 172

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-039-000 SHEET REV



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	Structure No.	Area
Foundation Excavation Area	173	12.1m x 12.1m
Foundation Excavation Area	174	14.4m x 14.4m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
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- Stream
- Drainage Ditches
- Temporary Bridge
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
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Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PRODUCTION UNIT: Engineering & Major Projects

PROJECT: North - South 400 kV Interconnector Development

DRAWING TITLE: Access Route Map Intermediate Tower 173 & 174

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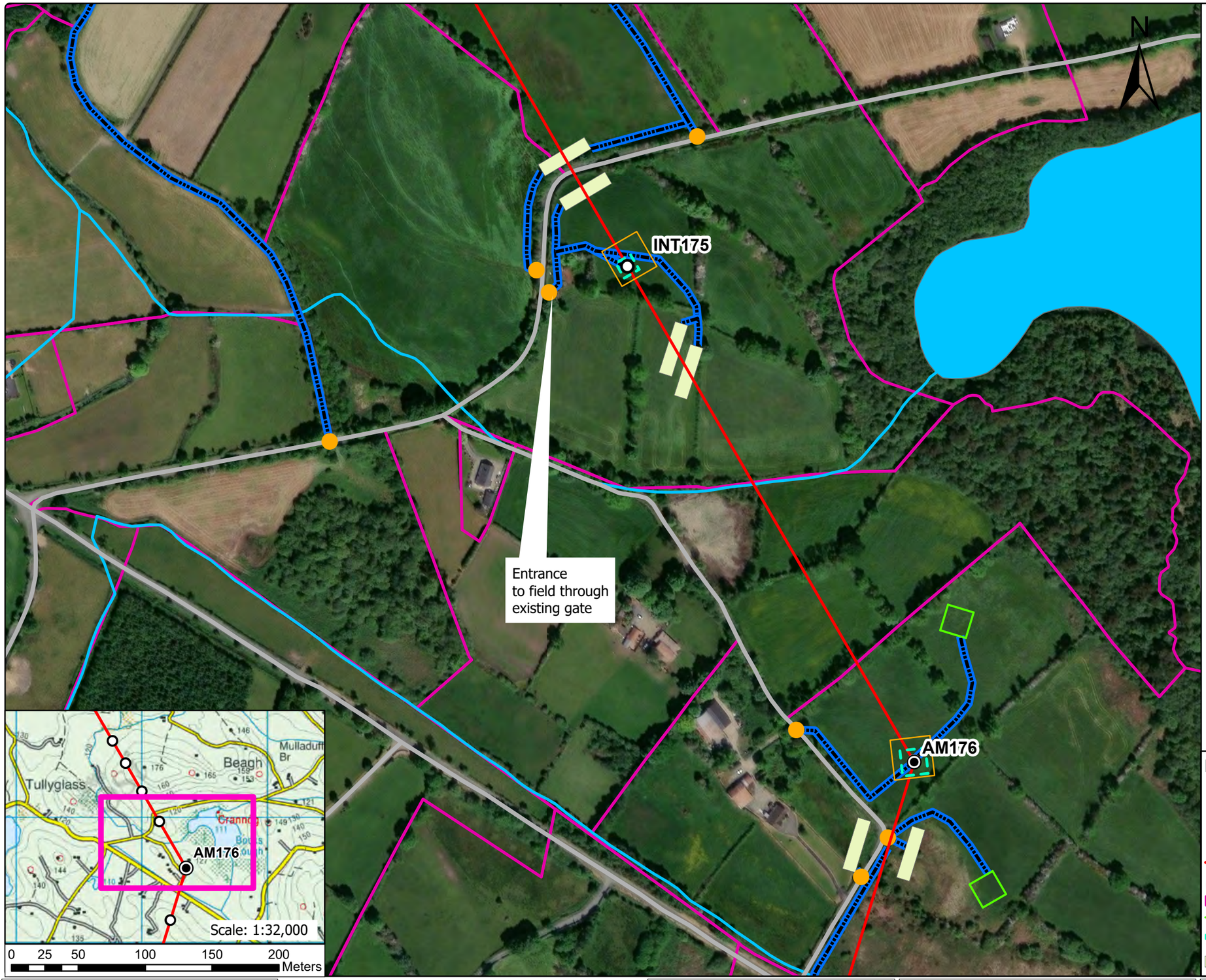
DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-040-000 SHEET REV



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	Structure No.	Area
Foundation Excavation Area	175	12.8m x 12.8m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
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Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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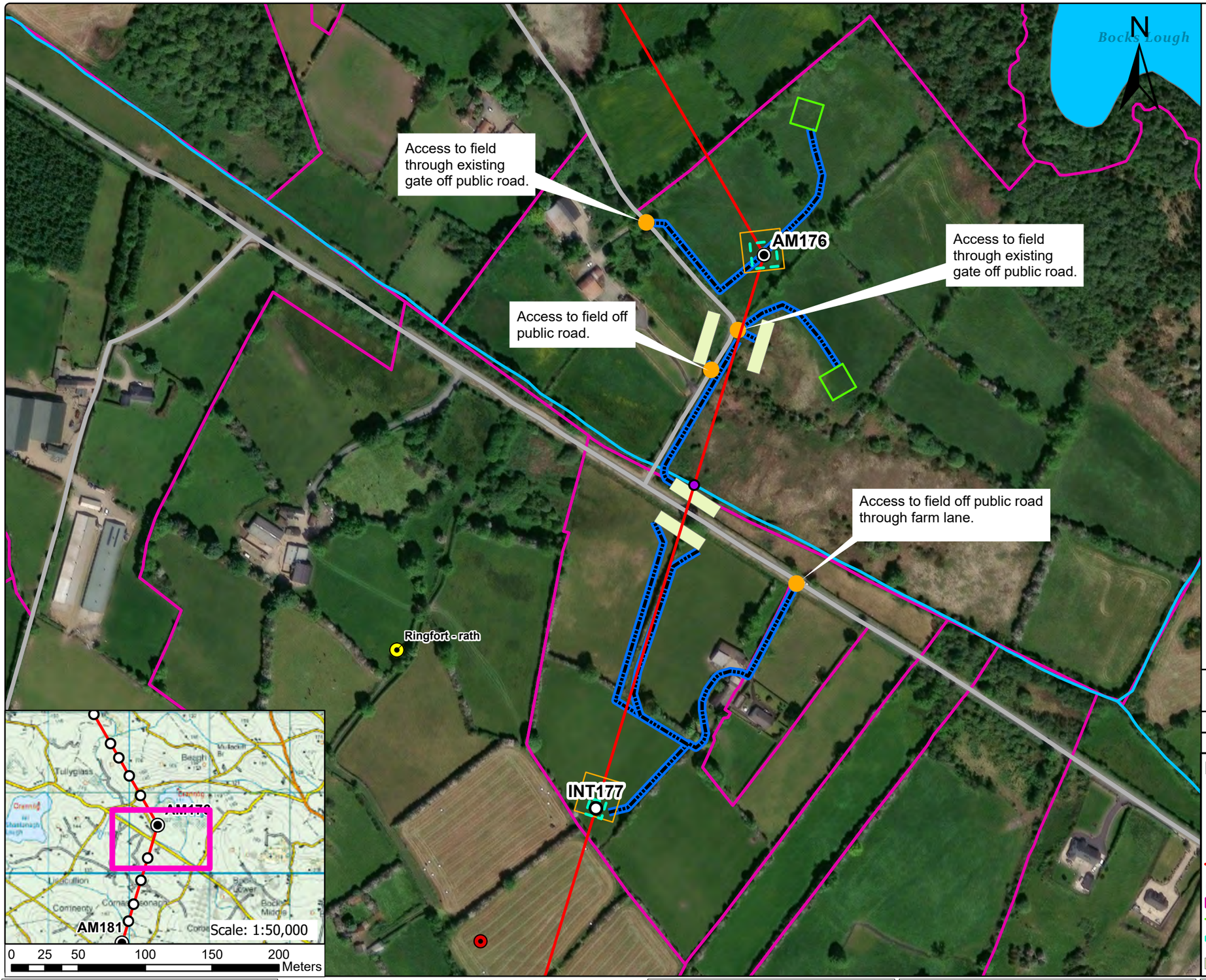
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 175

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
NA	NA	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-041-000 SHEET REV



General Construction Mitigation Requirements

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2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
3. Implement all relevant mitigation measures as per map
4. Review weather forecast, check rainfall data and avoid working during heavy rainfall and for up to 24hrs.
5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
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9. No deviation from defined access track / route unless otherwise agreed with ESB.
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11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
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For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	176	19.7m x 19.7m
Foundation Excavation Area	177	12.3m x 12.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects,
The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

Tel: +353 (0) 1 703 8000 Web: www.esb.ie
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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

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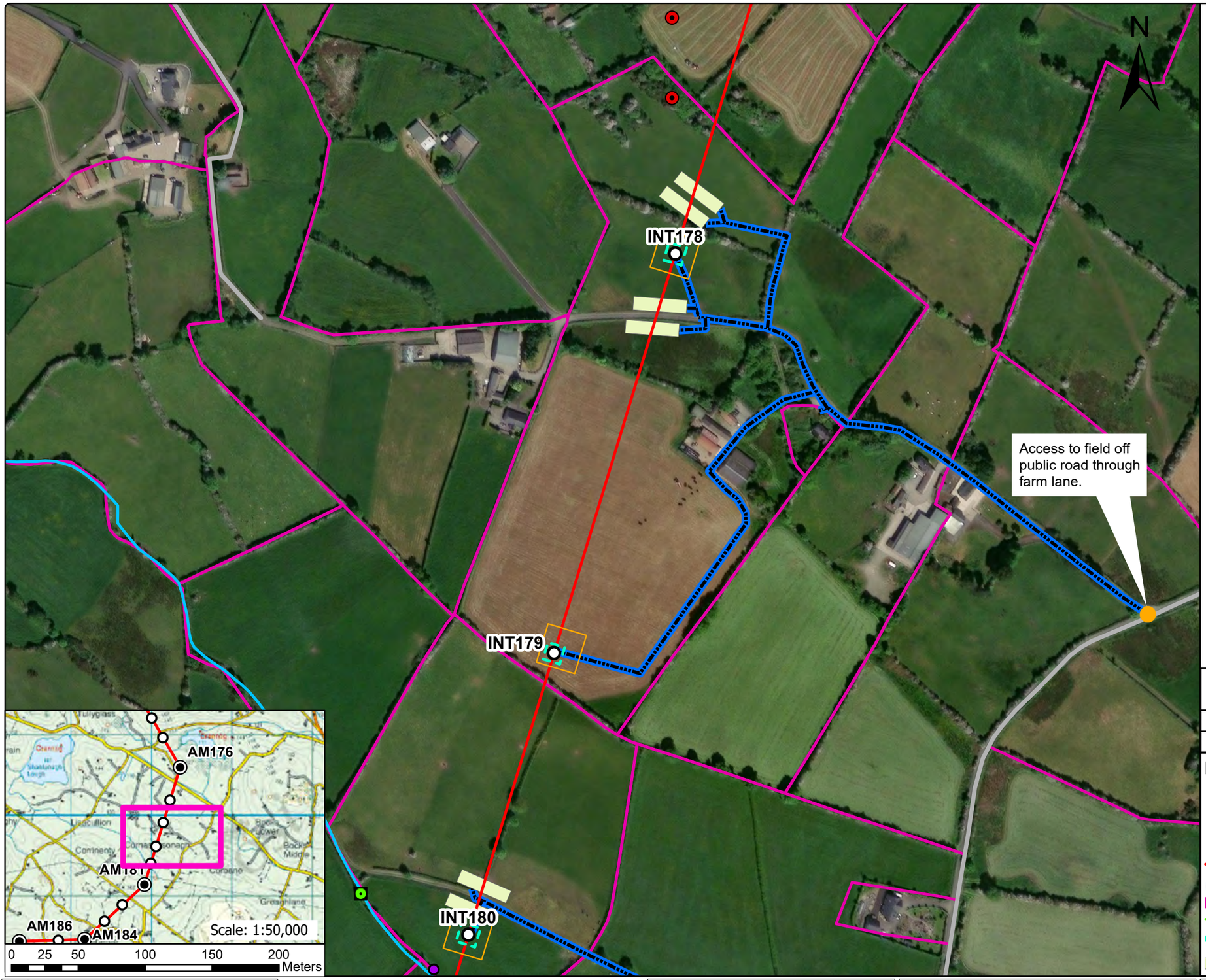
PRODUCTION UNIT: **Engineering & Major Projects**

DRAWING TITLE: **Access Route Map**
Intermediate Tower 177
Angle Mast 176

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-042-000** SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	178	13.7m x 13.7m
Foundation Excavation Area	179	13m x 13m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects, The Sidings, Grand Canal Quay, Dublin 2, D02 E7K8, Ireland.

Tel: +353 (0) 1 703 8000 Web: www.esb.ie

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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

PRODUCTION UNIT: **Engineering & Major Projects**

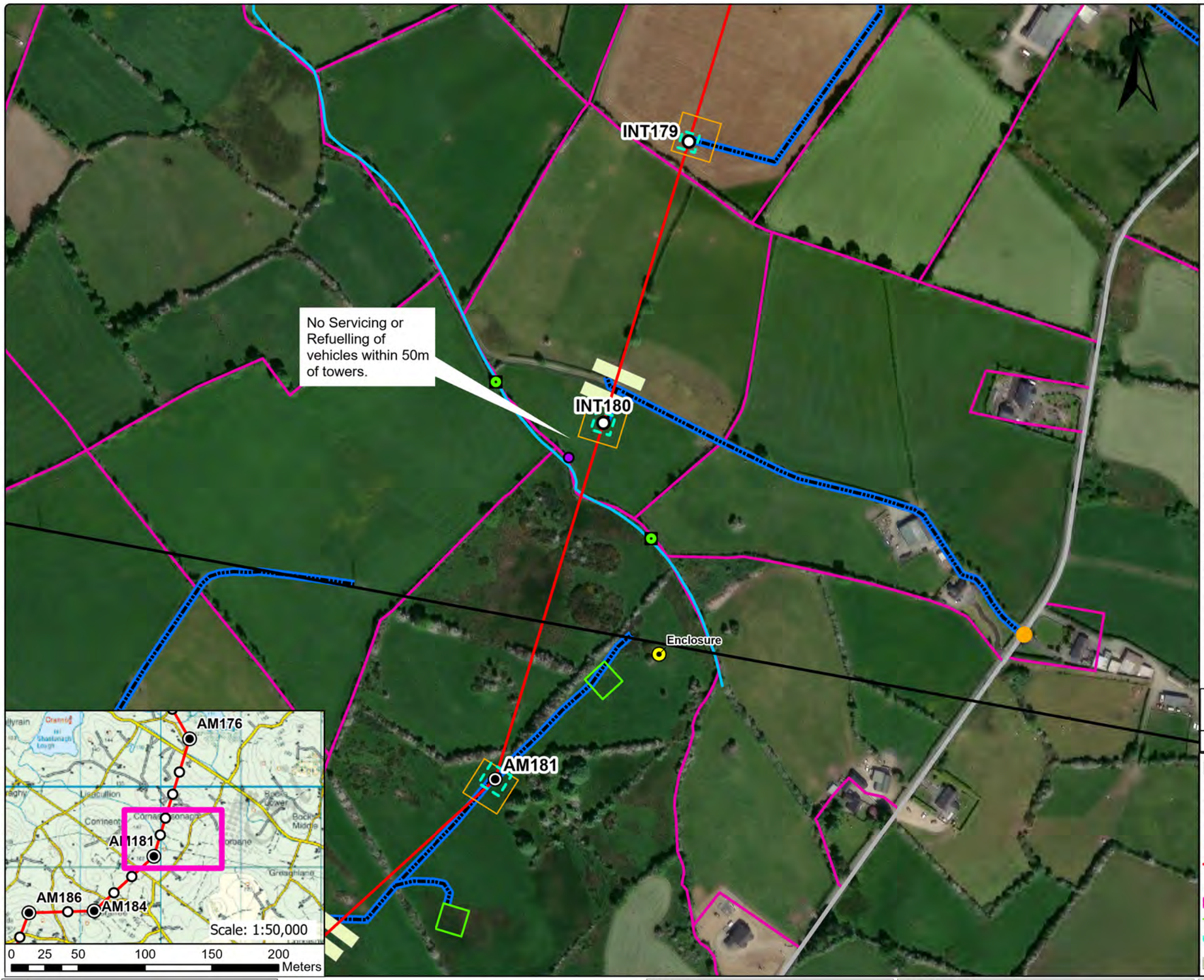
DRAWING TITLE: **Access Route Map**

Intermediate Tower 178 & 179

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-043-000** SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	180	14.7m x 14.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

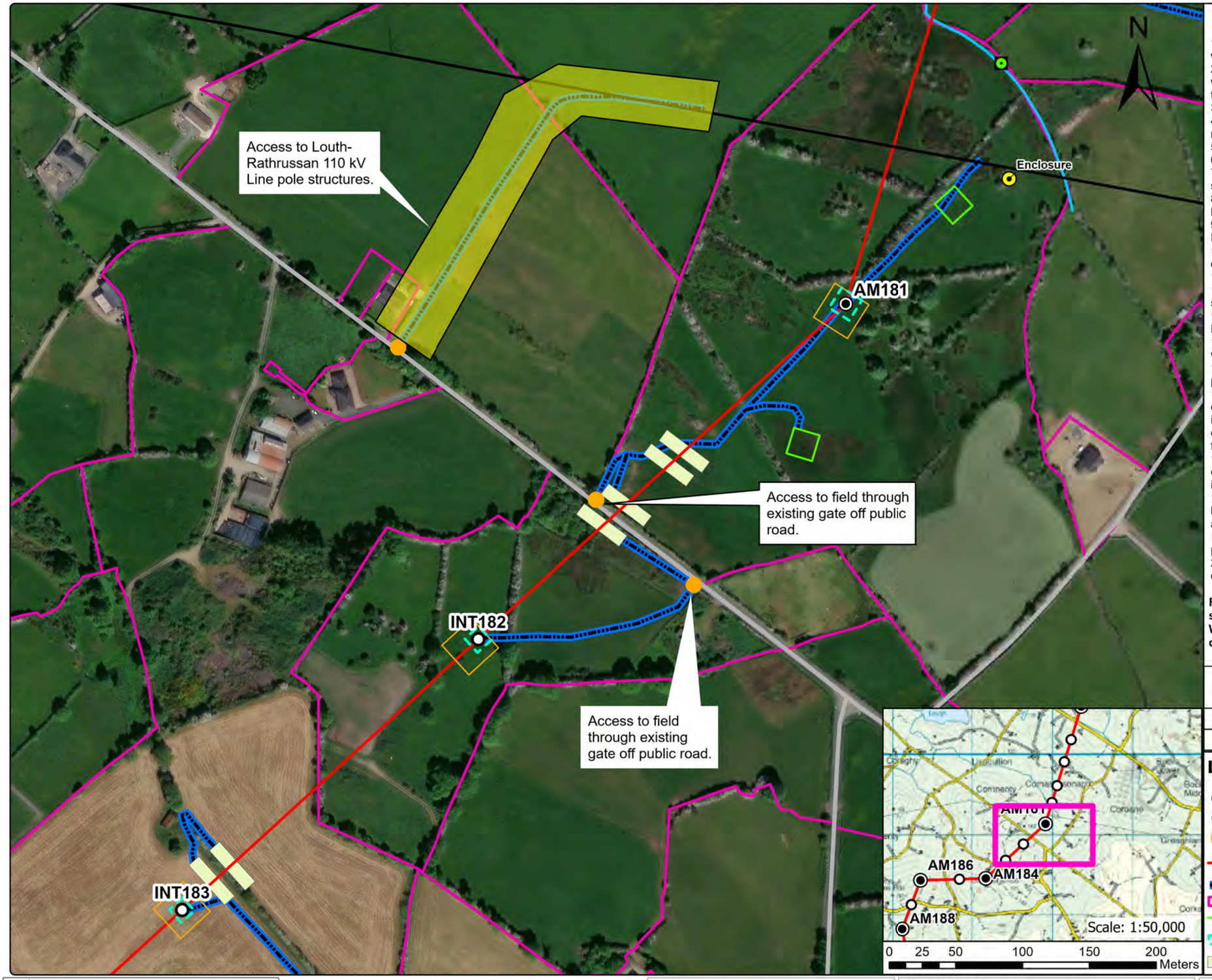
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 180

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-044-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	181	18.4m x 18.4m
Foundation Excavation Area	182	14m x 14m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Tel: +353 (0) 1 703 8000 **Web:** www.esb.ie
Engineering and Major Projects is a division of ESB

CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

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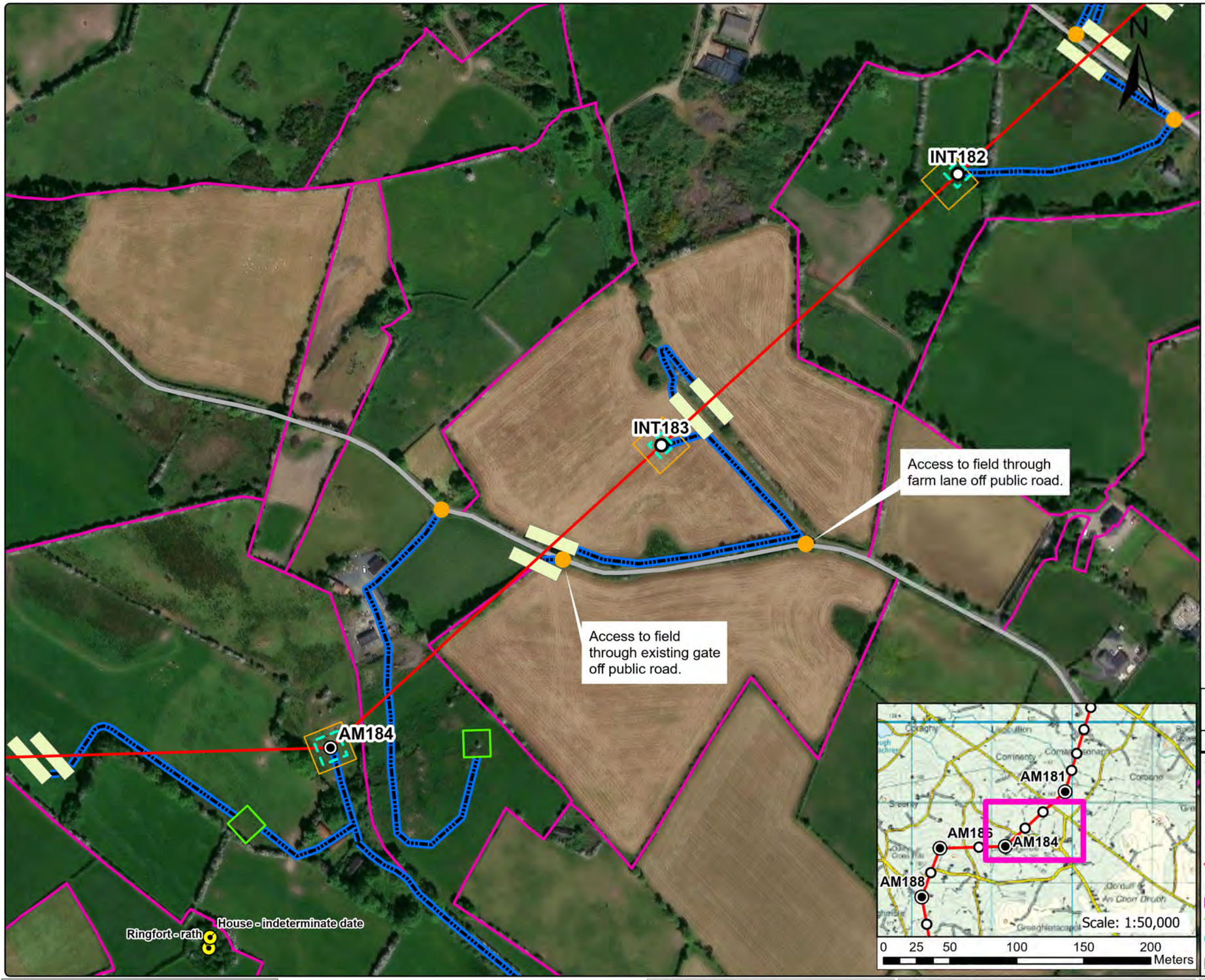
PRODUCTION UNIT: **Engineering & Major Projects**

DRAWING TITLE: **Access Route Map Intermediate Tower 182 Angle Mast 181**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-045-000** SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	183	13.3m x 13.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
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Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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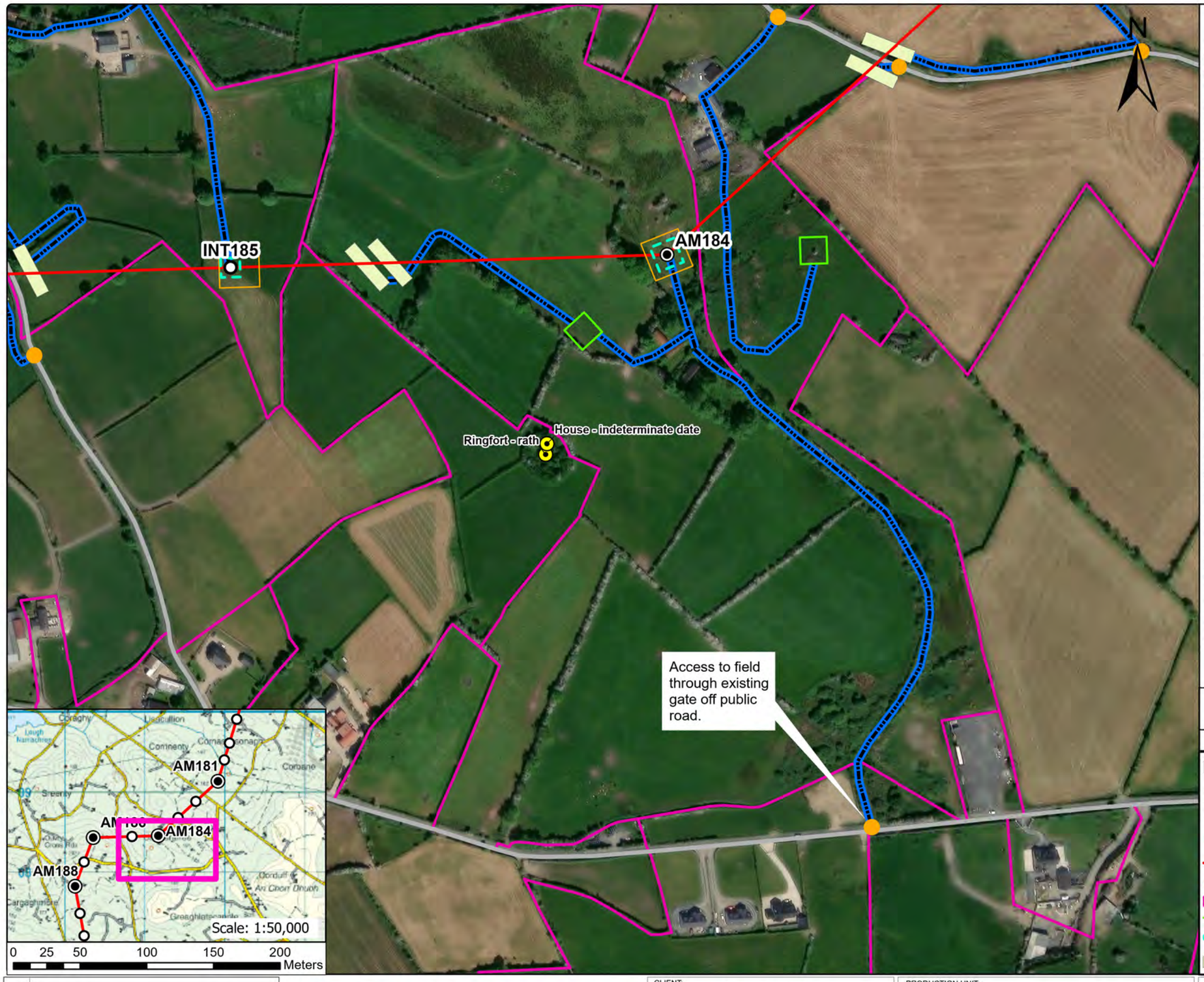
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 183

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-046-000 SHEET REV



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	Structure No.	Area
Foundation Excavation Area	184	20m x 20m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

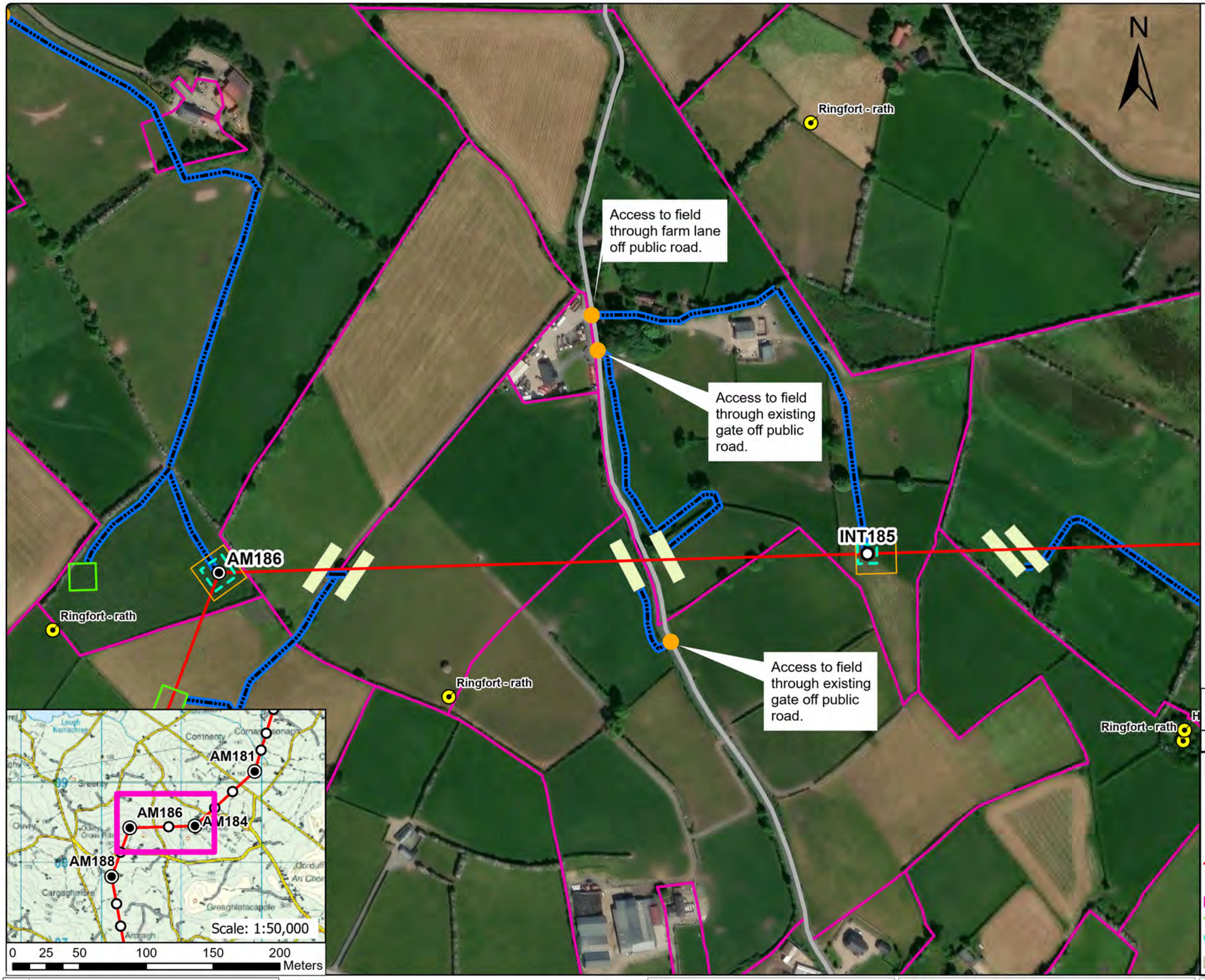
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Angle Mast 184

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-047-000 SHEET REV



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
3. Implement all relevant mitigation measures as per map
4. Review weather forecast, check rainfall data and avoid working during heavy rainfall and for up to 24hrs.
5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
8. Temporary access tracks to be used at any section across existing drains or if localised soft ground is encountered.
9. No deviation from defined access track / route unless otherwise agreed with ESB.
10. Excavation to be kept open only for the time that is strictly necessary to carry out installation works.
11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
14. Silt traps or equivalent to be installed in advance of works in proximity to or within drains or watercourses. Such measures to be inspected at least daily.
15. Uncontrolled discharges of water into existing drainage features shall not take place under any circumstances.
16. Wash water from chutes of concrete delivery vehicles, or from concrete delivery hoppers used to transport concrete to the excavation site, will be cleaned into lined skips stored within the Working Area. Washout activities of concrete delivery vehicles, other than chute cleaning, will take place at an appropriate facility offsite.
17. All fuels, oils and chemicals to be stored in suitably bunded and labelled containers. Spill kits to be available in proximity to such stores. Staff to be trained in use.
18. Type 1 and Type 2 Access Routes are as noted in the EIS with Type 1 typically being existing roads / tracks while Type 2 is typically over ground where temporary access tracks may be required.
19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	185	14.4m x 14.4m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects is a division of ESB

CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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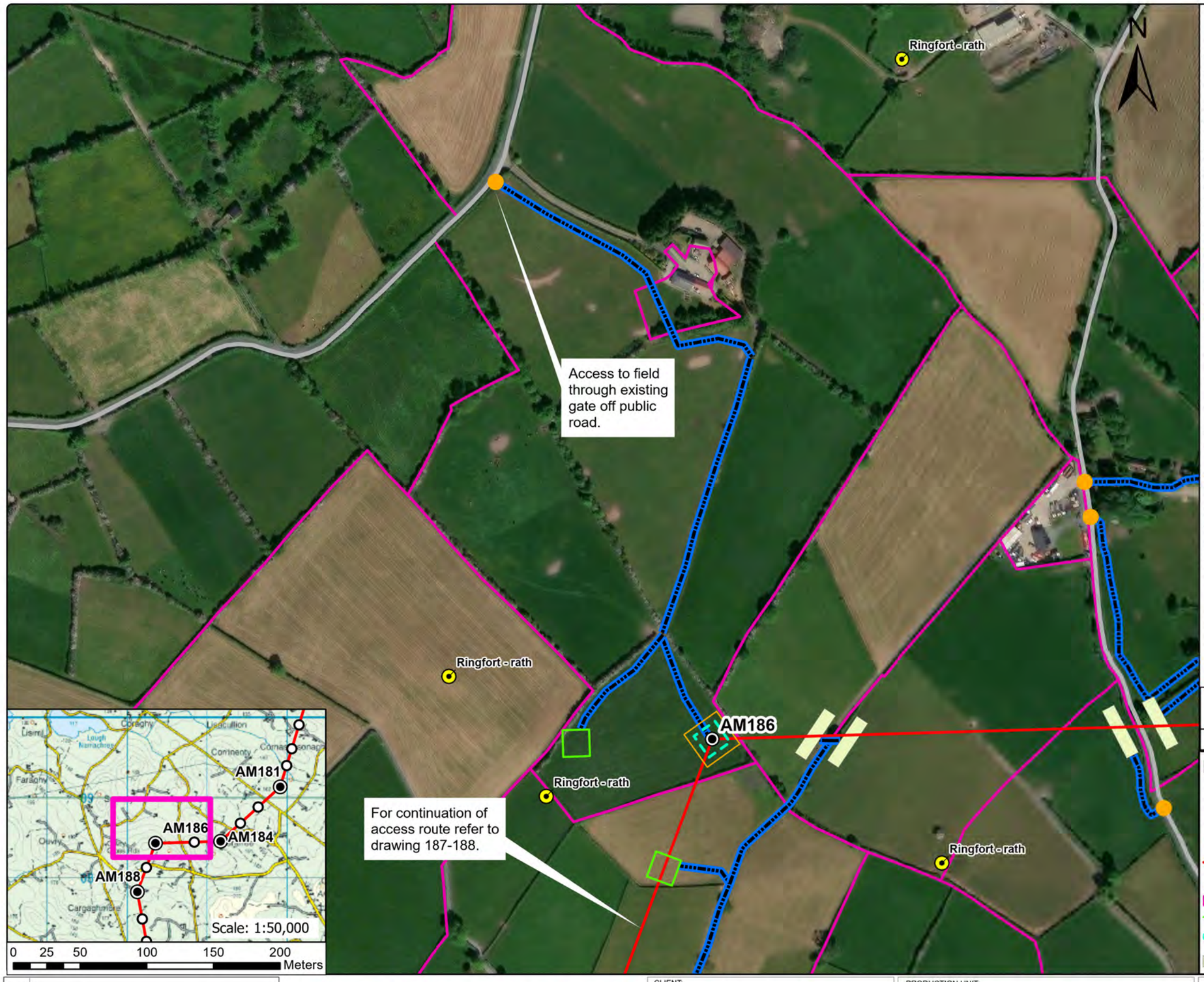
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 185

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-048-000 SHEET REV



General Construction Mitigation Requirements

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2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
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	Structure No.	Area
Foundation Excavation Area	186	20.8m x 20.8m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

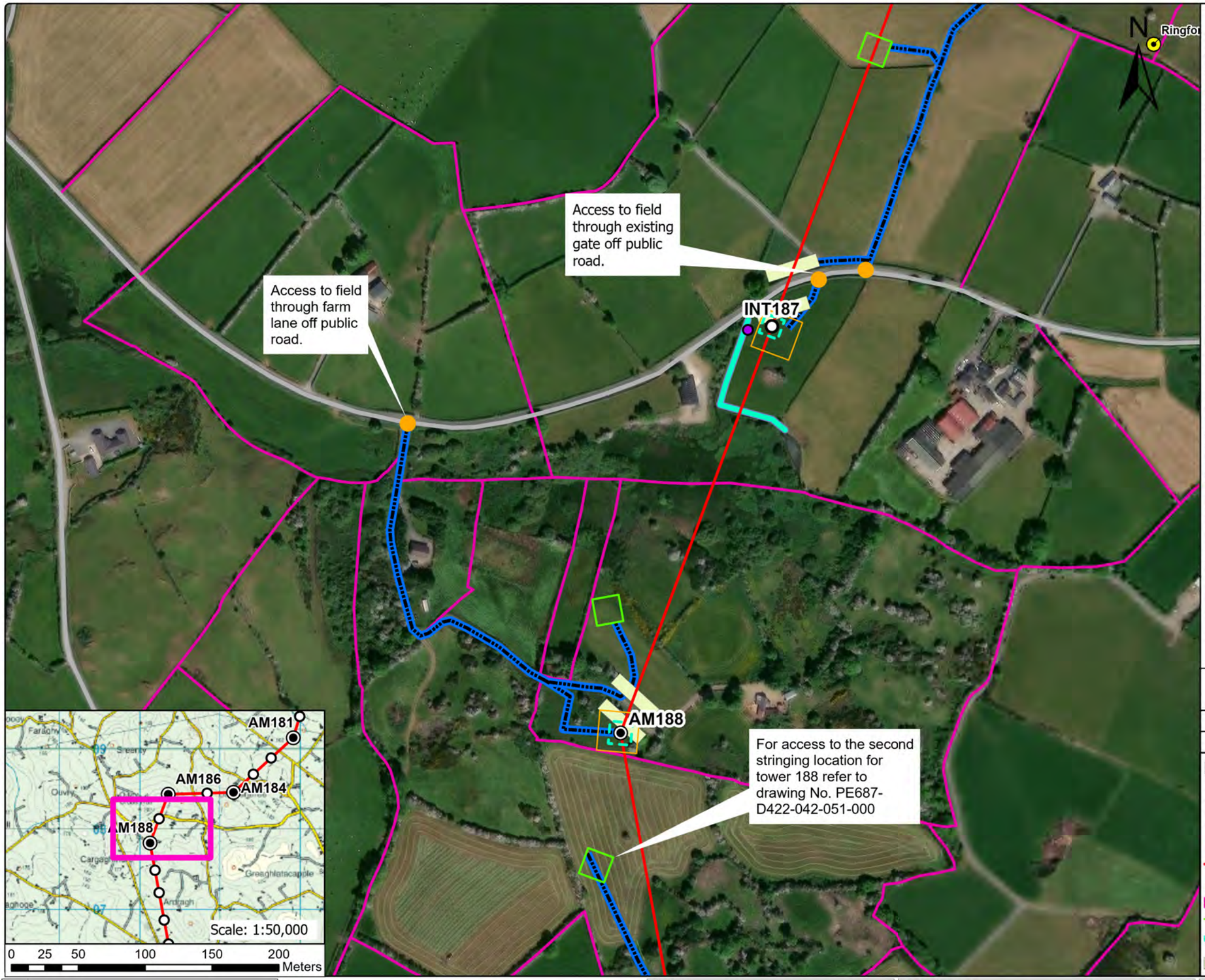
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Angle Mast 186

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-049-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	187	14.9m x 14.9m
Foundation Excavation Area	188	17.4m x 17.4m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

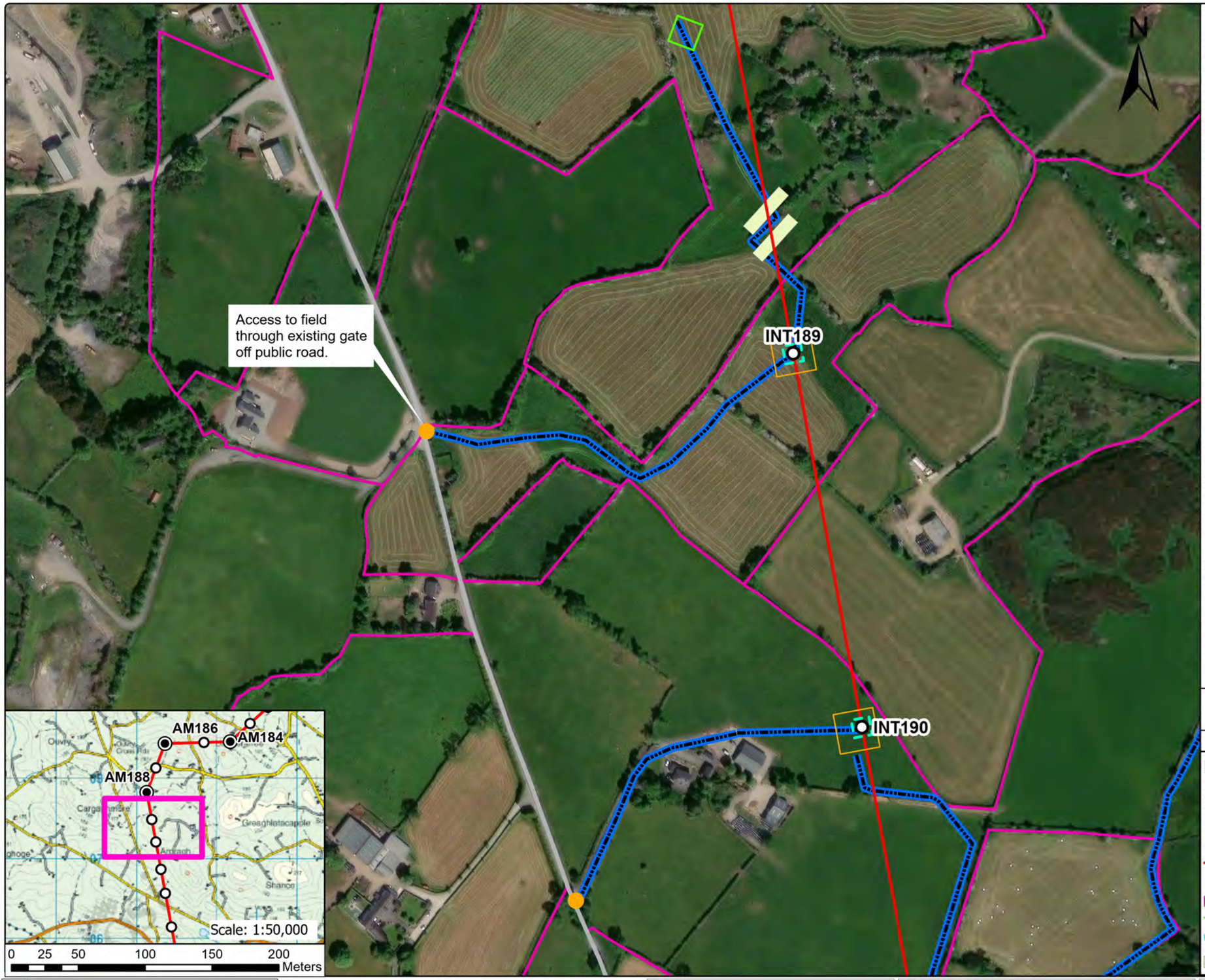
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 187 Angle Mast 188

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-050-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	189	13.7m x 13.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 189

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-051-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	190	13.5m x 13.5m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

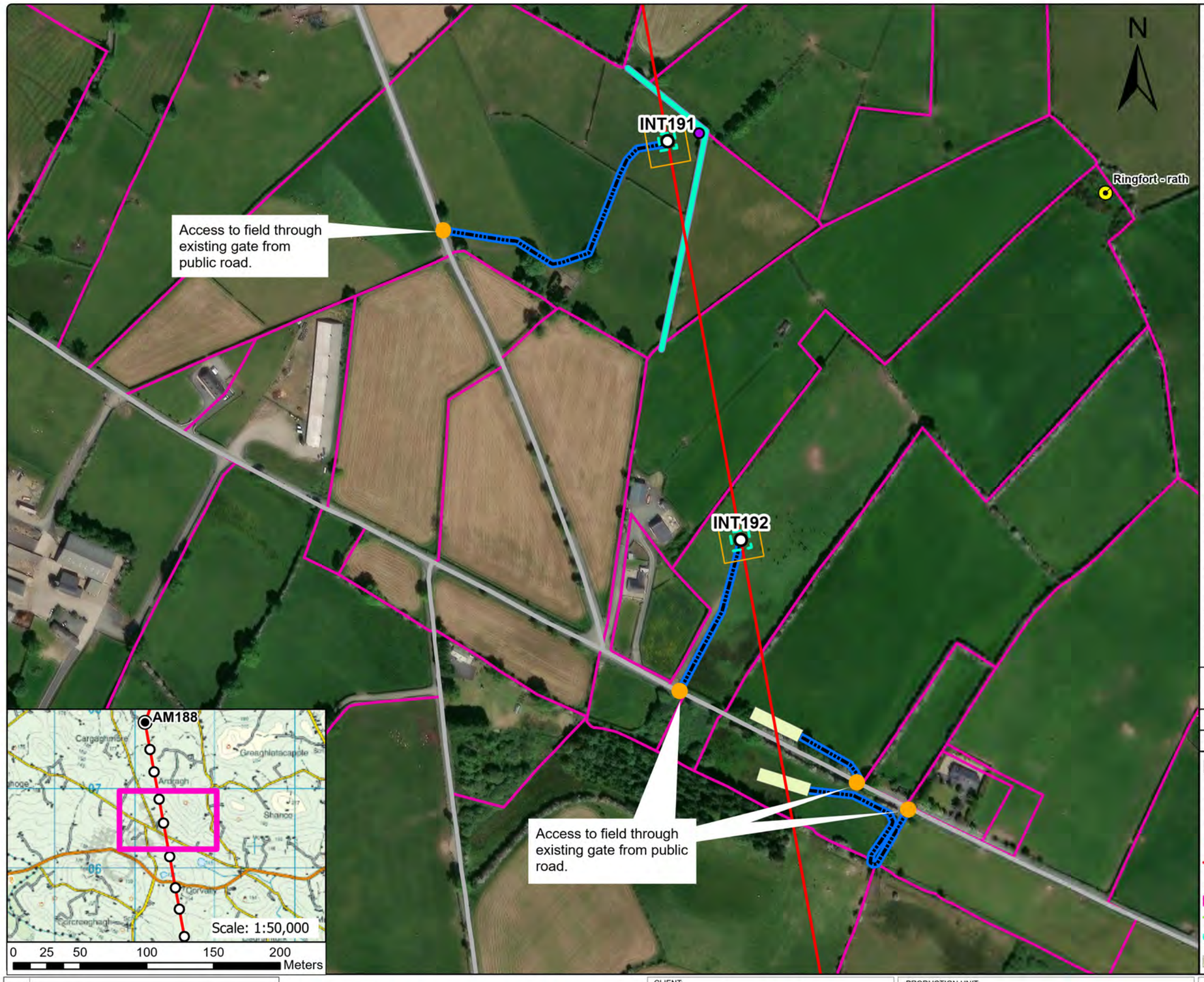
DRAWING TITLE: Access Route Map Intermediate Tower 190

PRODUCTION UNIT: Engineering & Major Projects

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-052-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	191	12.3m x 12.3m
Foundation Excavation Area	192	14m x 14m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: **ESB Networks**

PROJECT: **North - South 400 kV Interconnector Development**

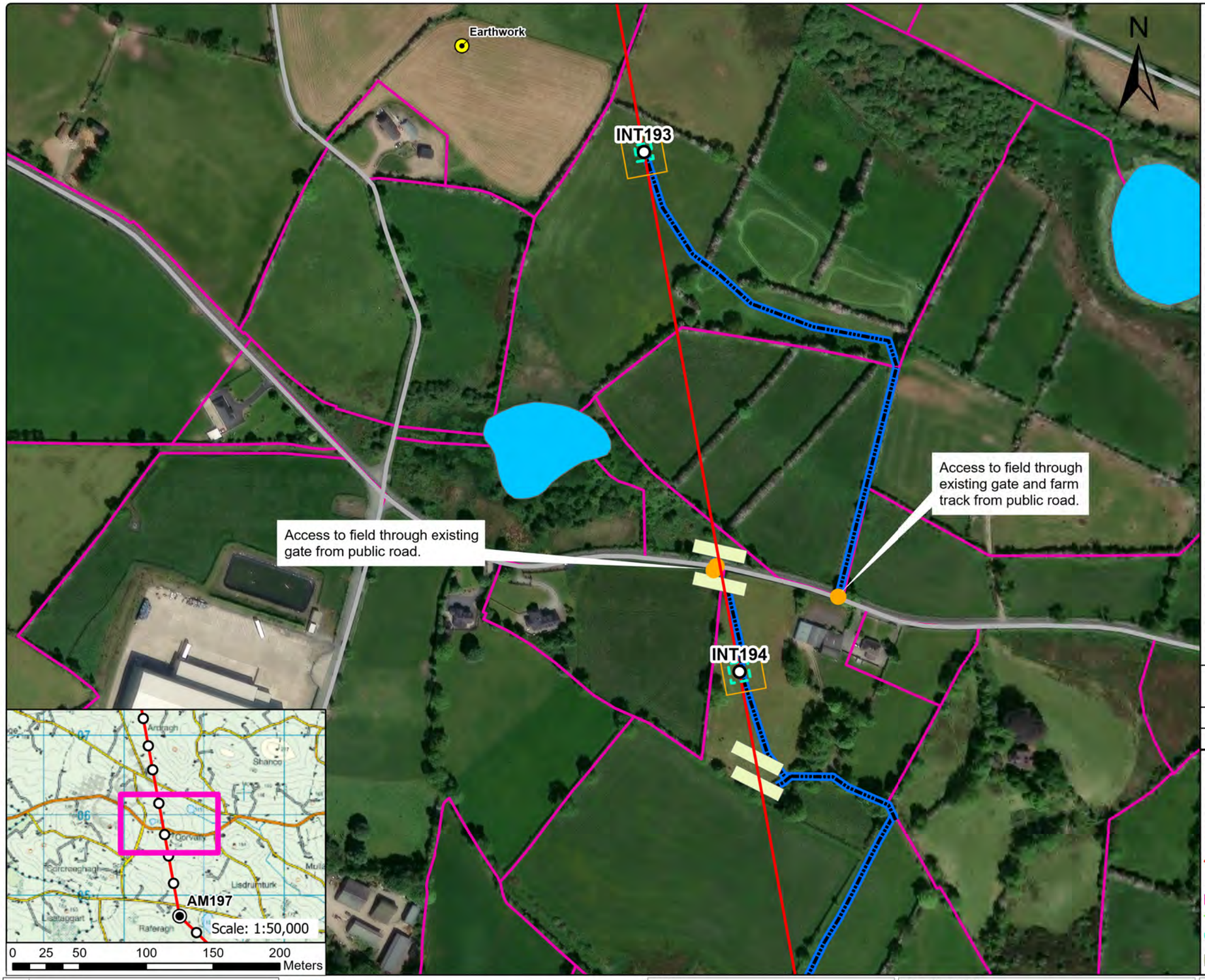
PRODUCTION UNIT: **Engineering & Major Projects**

DRAWING TITLE: **Access Route Map Intermediate Tower 191 & 192**

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER **PE687-D422-042-053-000** SHEET REV



General Construction Mitigation Requirements

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7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
8. Temporary access tracks to be used at any section across existing drains or if localised soft ground is encountered.
9. No deviation from defined access track / route unless otherwise agreed with ESB.
10. Excavation to be kept open only for the time that is strictly necessary to carry out installation works.
11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
14. Silt traps or equivalent to be installed in advance of works in proximity to or within drains or watercourses. Such measures to be inspected at least daily.
15. Uncontrolled discharges of water into existing drainage features shall not take place under any circumstances.
16. Wash water from chutes of concrete delivery vehicles, or from concrete delivery hoppers used to transport concrete to the excavation site, will be cleaned into lined skips stored within the Working Area. Washout activities of concrete delivery vehicles, other than chute cleaning, will take place at an appropriate facility offsite.
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18. Type 1 and Type 2 Access Routes are as noted in the EIS with Type 1 typically being existing roads / tracks while Type 2 is typically over ground where temporary access tracks may be required.
19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	193	12.3m x 12.3m
Foundation Excavation Area	194	14.7m x 14.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects,
The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

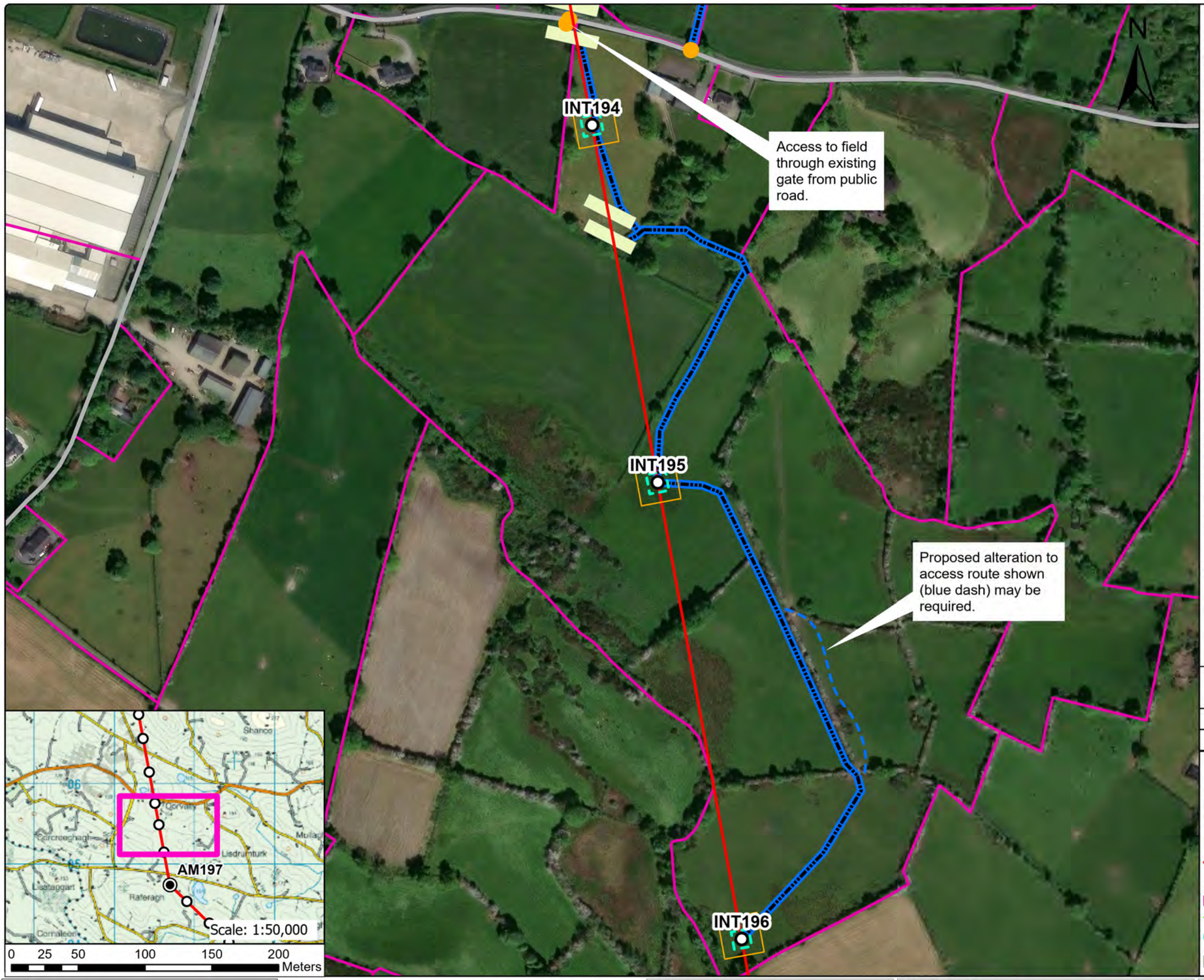
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 193 & 194

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-054-000 SHEET REV



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
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4. Review weather forecast, check rainfall data and avoid working during heavy rainfall and for up to 24hrs.
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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	195	14.7m x 14.7m
Foundation Excavation Area	196	13.3m x 13.3m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Engineering and Major Projects, The Sidings, Grand Canal Quay, Dublin 2, D02 E7K8, Ireland.

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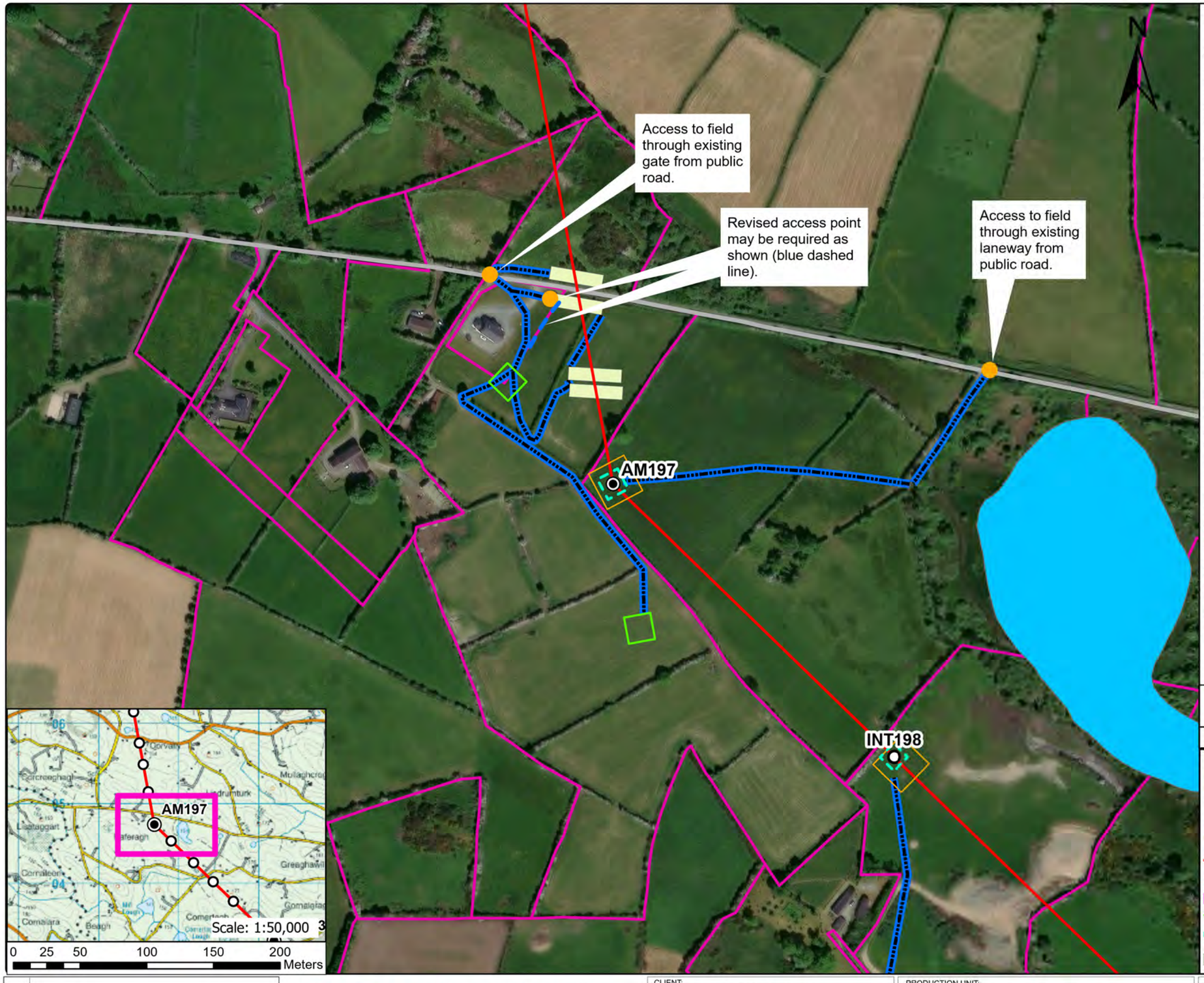
CLIENT:	ESB Networks
PROJECT:	North - South 400 kV Interconnector Development
PRODUCTION UNIT:	Engineering & Major Projects
DRAWING TITLE:	Access Route Map Intermediate Tower 195 & 196

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-055-000 SHEET REV



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	197	17.7m x 17.7m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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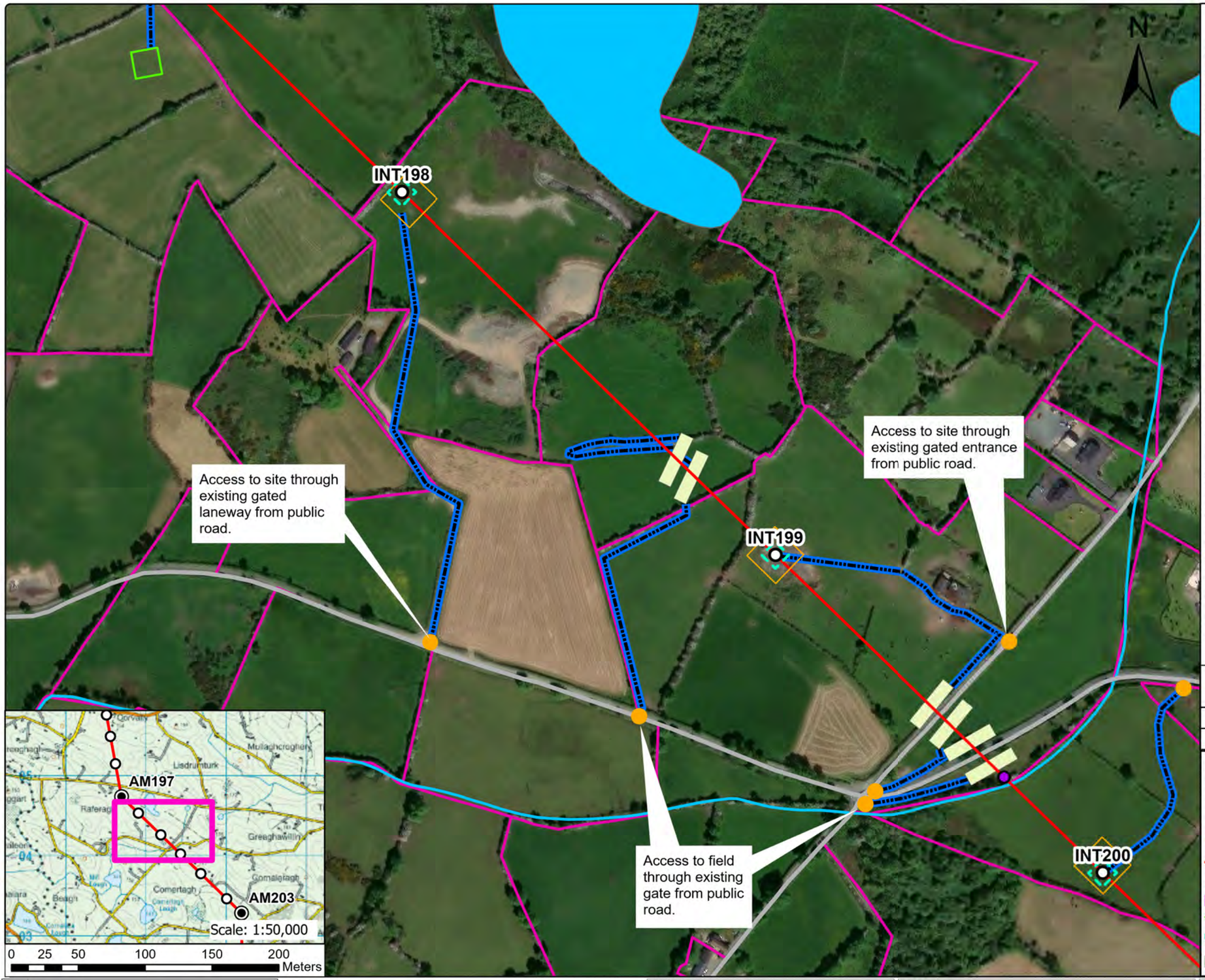
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Angle Mast 197

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-056-000 SHEET REV



General Construction Mitigation Requirements

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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
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	Structure No.	Area
Foundation Excavation Area	198	14.9m x 14.9m
Foundation Excavation Area	199	14.2m x 14.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description

Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PRODUCTION UNIT: Engineering & Major Projects

PROJECT: North - South 400 kV Interconnector Development

DRAWING TITLE: Access Route Map Intermediate Tower 198 & 199

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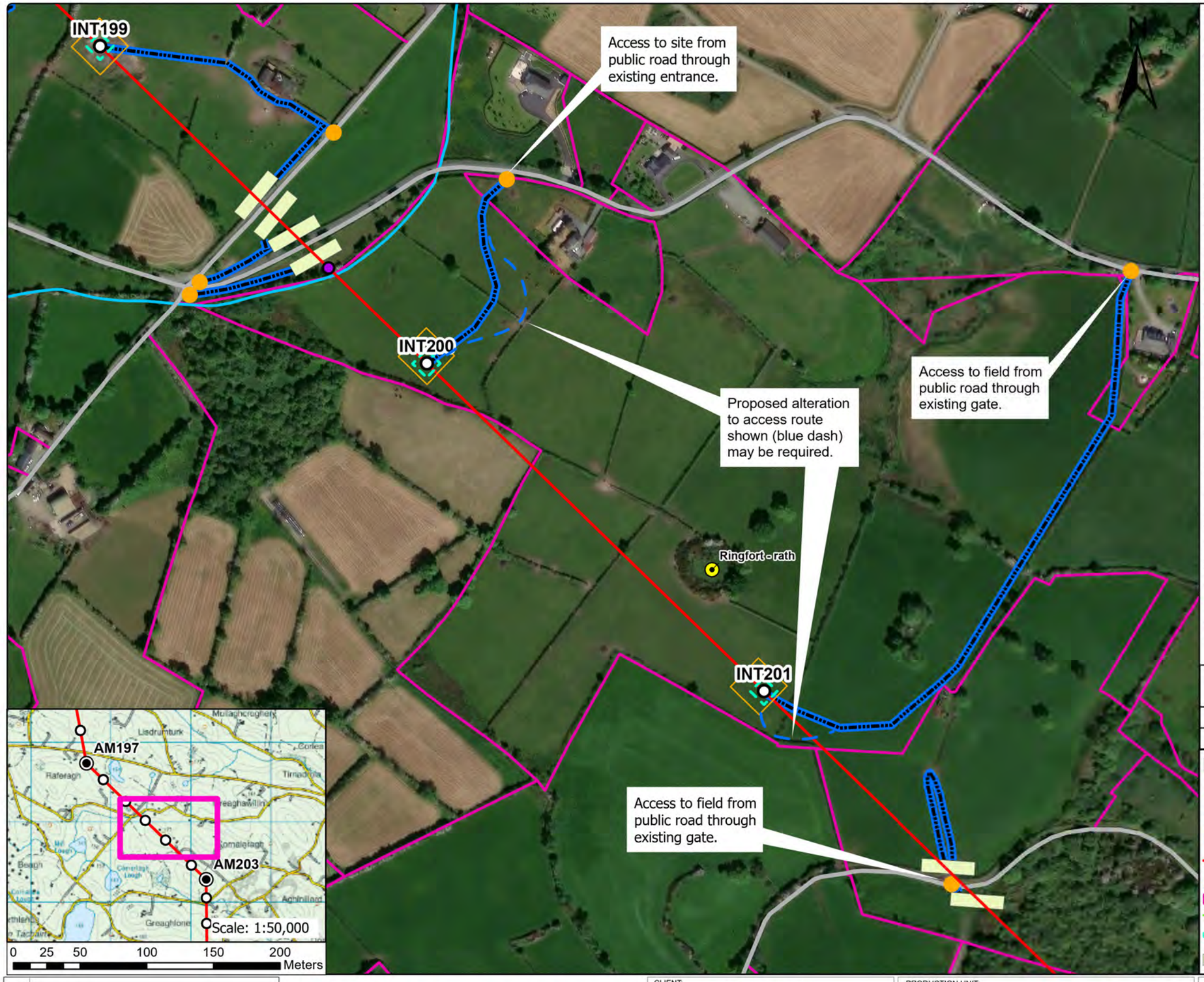
DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-057-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	200	14.9m x 14.9m
Foundation Excavation Area	201	14.2m x 14.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
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- Monaghan Way
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- River Monitoring Locations
- Wells
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated

Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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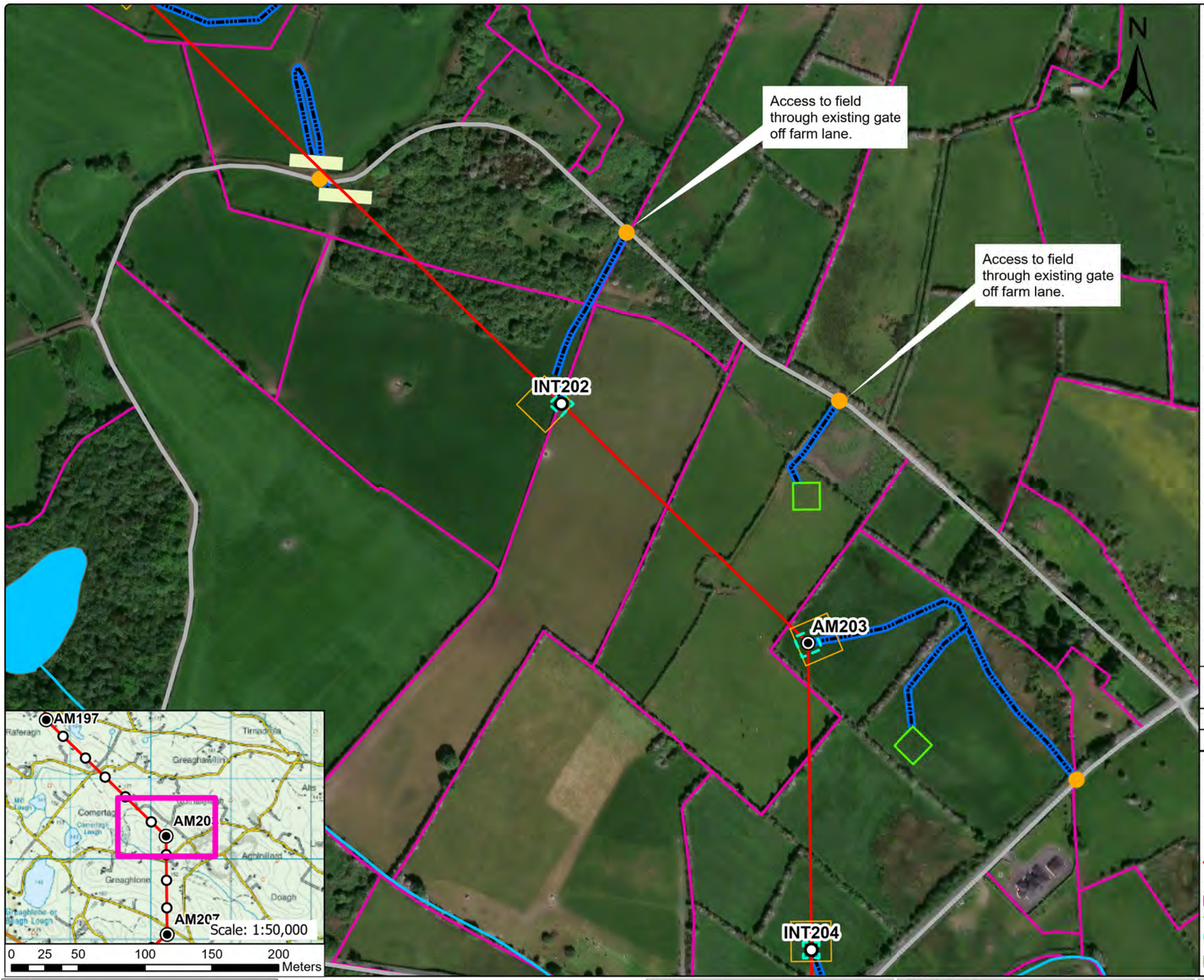
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 200 & 201

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-058-000 SHEET REV



General Construction Mitigation Requirements

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	Structure No.	Area
Foundation Excavation Area	202	13.4m x 13.4m
Foundation Excavation Area	203	16.8m x 16.8m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
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- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 202 Angle Mast 203

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-059-000 SHEET REV



General Construction Mitigation Requirements

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14. Silt traps or equivalent to be installed in advance of works in proximity to or within drains or watercourses. Such measures to be inspected at least daily.
15. Uncontrolled discharges of water into existing drainage features shall not take place under any circumstances.
16. Wash water from chutes of concrete delivery vehicles, or from concrete delivery hoppers used to transport concrete to the excavation site, will be cleaned into lined skips stored within the Working Area. Washout activities of concrete delivery vehicles, other than chute cleaning, will take place at an appropriate facility offsite.
17. All fuels, oils and chemicals to be stored in suitably bunded and labelled containers. Spill kits to be available in proximity to such stores. Staff to be trained in use.
18. Type 1 and Type 2 Access Routes are as noted in the EIS with Type 1 typically being existing roads / tracks while Type 2 is typically over ground where temporary access tracks may be required.
19. Where an item noted in the Legend does not appear on the drawing, it is not present within this mapped portion of the works.
20. Clearance of hedgerows and/or treelines will be overseen by Ecological Clerk of Works (ECoW)

Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	204	11.9m x 11.9m
Foundation Excavation Area	205	14.2m x 14.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Energy for generations

Engineering and Major Projects, The Sidings, Grand Canal Quay, Dublin 2, D02 E7K8, Ireland.

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

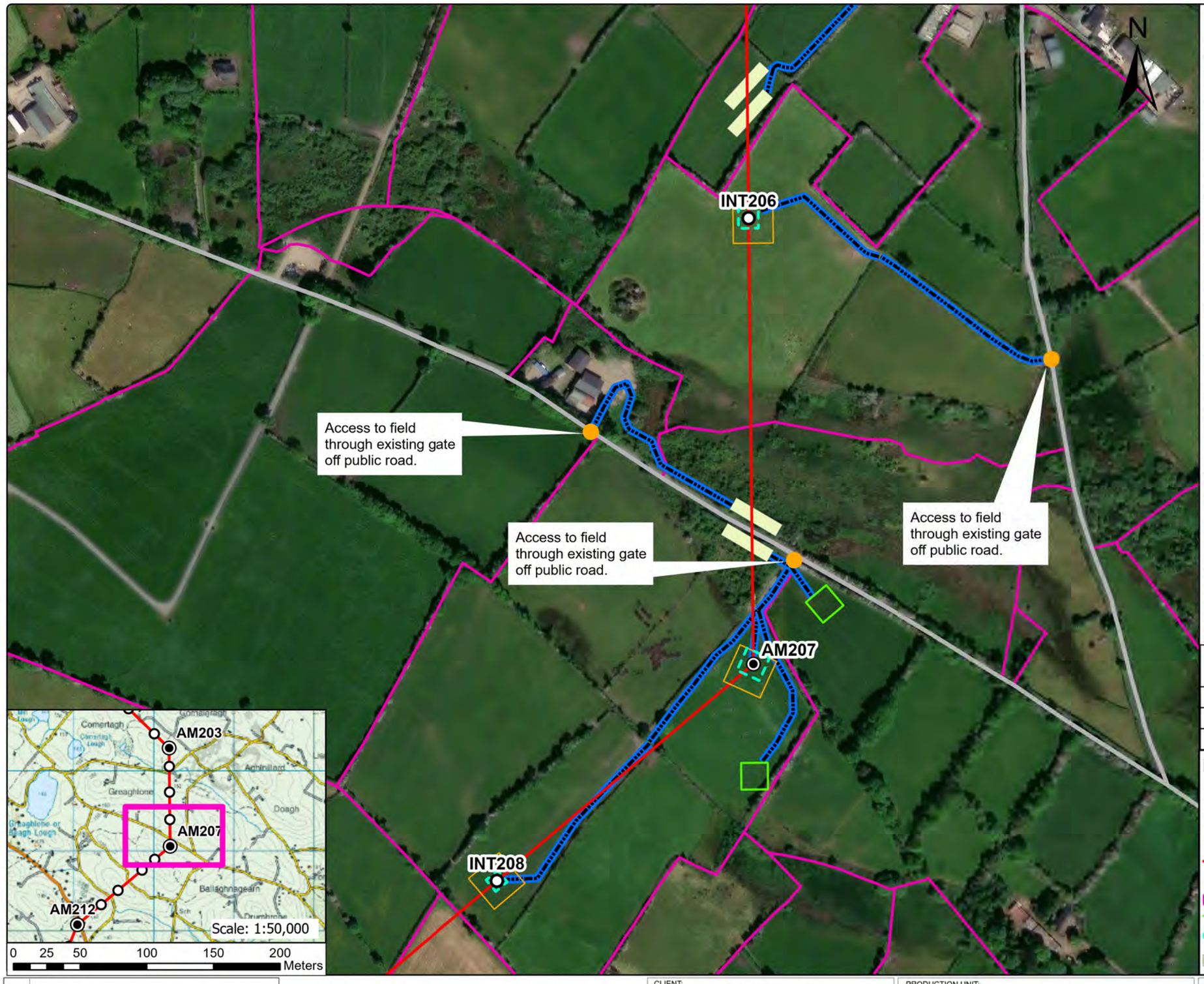
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 204 & 205

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-060-000 SHEET REV



General Construction Mitigation Requirements

1. Toolbox talk and review site specific information prior to commencement of works at the location required for all tower sites.
2. Ground conditions to be assessed in advance and carefully monitored during works especially along access route in open ground where temporary access tracks are used.
3. Implement all relevant mitigation measures as per map
4. Review weather forecast, check rainfall data and avoid working during heavy rainfall and for up to 24hrs.
5. Site contingency / emergency plan in place on site.
6. Light pressure excavator to be used on sites with poorer ground.
7. Minimise soil disturbance (e.g. number of time tracking on soil, vibrations, shaking due to braking and turning, rehandling etc.)
8. Temporary access tracks to be used at any section across existing drains or if localised soft ground is encountered.
9. No deviation from defined access track / route unless otherwise agreed with ESB.
10. Excavation to be kept open only for the time that is strictly necessary to carry out installation works.
11. Backfill and appropriate reinstatement of the area.
12. Stockpiles to be adequately graded. Topsoil and subsoils will be stored separately.
13. Spoil stockpiles to be kept within the 30 m x 30 m works area as shown on Map – shown in legend as Working Area (30 m x 30 m).
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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	206	14.9m x 14.9m
Foundation Excavation Area	207	19m x 19m
Foundation Excavation Area	208	11.2m x 11.2m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
- 110 kV Line
- 38 kV Line
- Lake
- Watercourse
- Special Area of Conservation
- Special Protection Area
- National Heritage Area
- Proposed National Heritage Area
- Stream
- Drainage Ditches
- Temporary Bridge
- Monaghan Way
- Silt Trap/Silt Fence
- River Monitoring Locations
- Wells
- Sites and Monuments Records (SMR)

Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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Energy for generations

Engineering and Major Projects,
The Sidings, Grand Canal Quay,
Dublin 2, D02 E7K8, Ireland.

Tel: +353 (0) 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a division of ESB

CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

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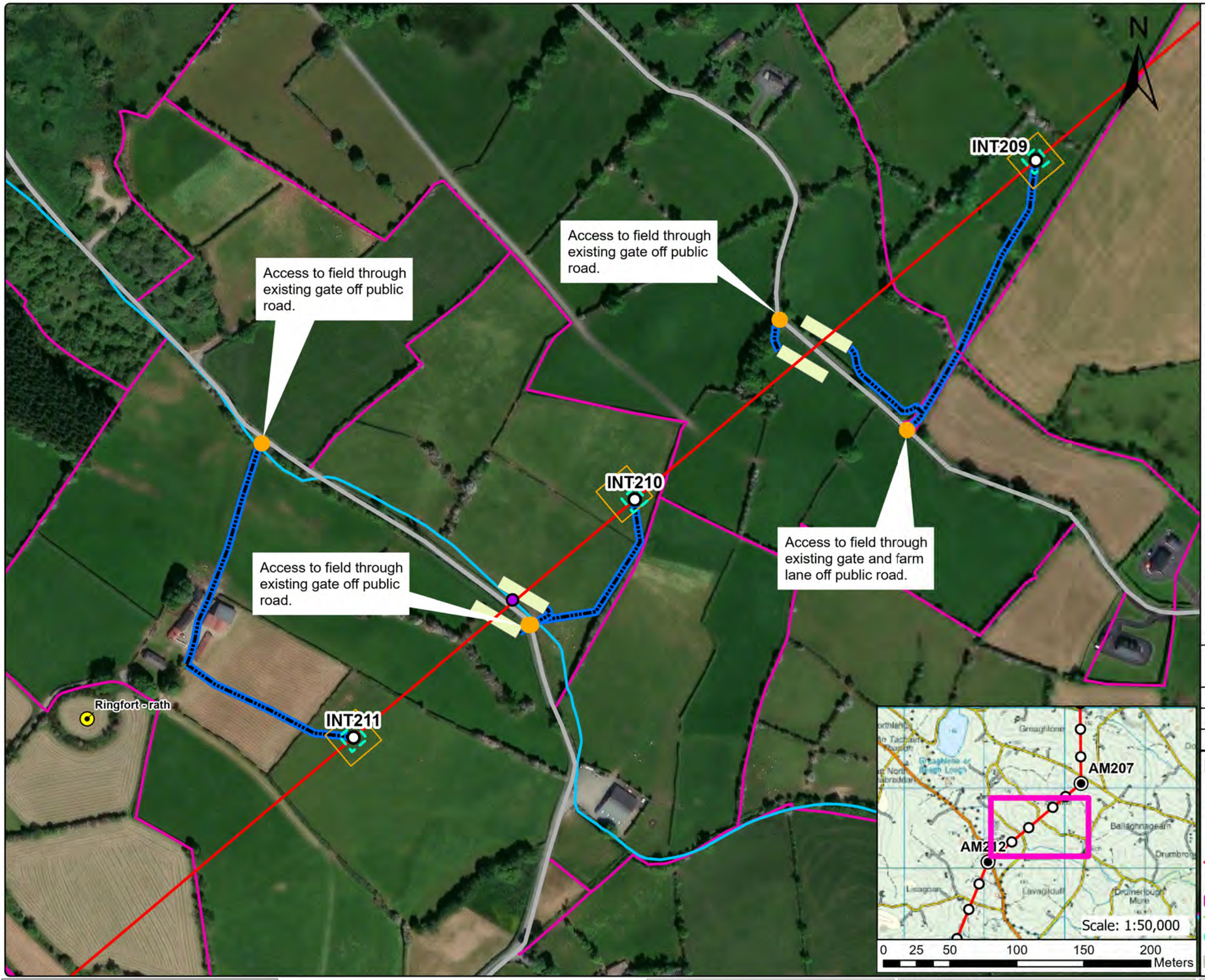
PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map
Intermediate Tower 206 & 208
Angle Mast 207

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-061-000 SHEET REV



General Construction Mitigation Requirements

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Note: For a full comprehensive list of mitigation measure refer to the schedule of EIS and NIS commitments.
Walkover surveys (Ecology and Engineering) will take place prior to construction works and access maps will be updated where required.

	Structure No.	Area
Foundation Excavation Area	209	14m x 14m
Foundation Excavation Area	210	13.7m x 13.7m
Foundation Excavation Area	211	15.5m x 15.5m

Legend

- Angle Mast
- Intermediate Tower
- Access Point
- North - South Interconnector OHL
- Access Route
- Landowner Boundary
- Stringing Area
- Foundation Excavations Areas
- Guarding Locations
- Working Area (30m x 30m)
- Public Road
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- River Monitoring Locations
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Rev	Revision Description
	Purpose of Issue - Preliminary unless indicated
	Tender ☐ Client Approval ☐ Construction ☐ As-built ☐ Revised ☐

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CLIENT: ESB Networks

PROJECT: North - South 400 kV Interconnector Development

PRODUCTION UNIT: Engineering & Major Projects

DRAWING TITLE: Access Route Map Intermediate Tower 209, 210 & 211

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVED DATE
HW	HW	EL	BC	May 2026

CLIENT REF.	NO. OF SHTS	SIZE	SCALE
TC237477	1	A3	1:3,000

DRAWING NUMBER: PE687-D422-042-062-000 SHEET REV