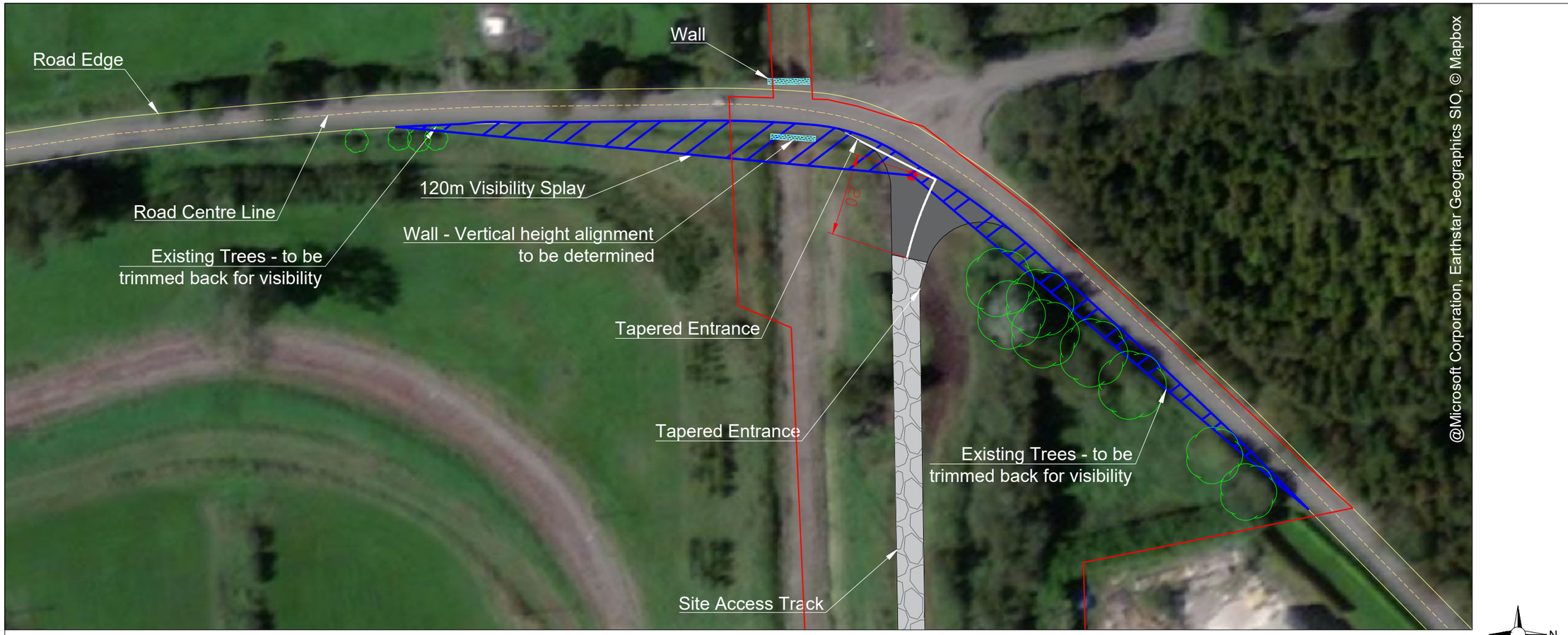
APPENDIX 15-6

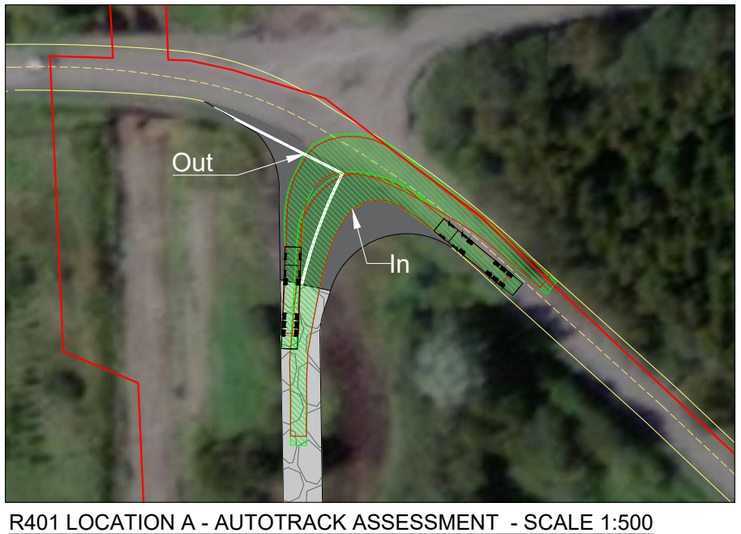
ACCESS JUNCTION DRAWINGS



R401 LOCATION A - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500



R401 LOCATION A - RIGHT NORTH VIEW



R401 LOCATION A - AUTOTRACK ASSESSMENT - SCALE 1:500



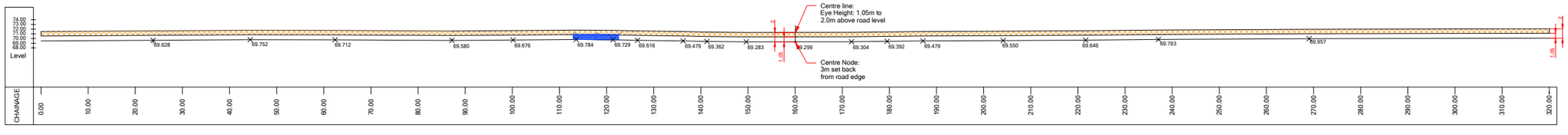
R401 LOCATION A - LEFT SOUTH VIEW

Site Entrance 1A
R401 Design Considerations:

Setback distance = 3.0 m.
Speed limit = 80km/h.
Design speed = 70 km/h.
Required Visibility = 120 m in both directions.
Recommended reduced visibility splays as observed speeds were:
NB = 61.1km/hr
SB = 63.9km/hr
Taper lengths in accordance with DN-GEO-03060

Existing vegetation to North East and South. Vegetation at entrance to be removed and trimmed back from road edge. Boundary walls at railway underpass to South noted.

Obstructions within sight triangles to be maintained below 1m.

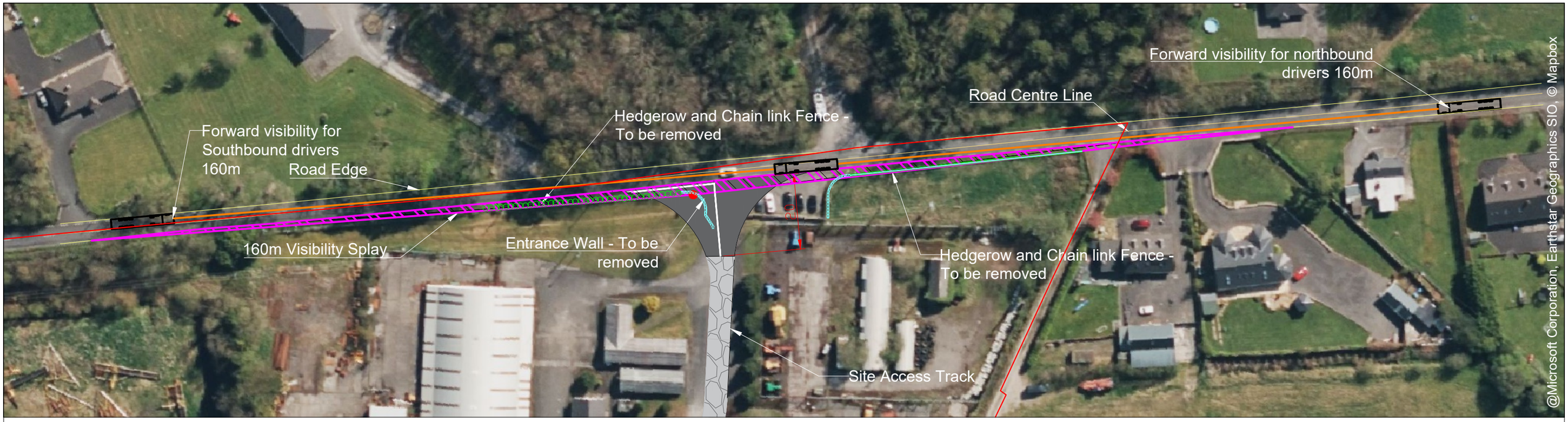


R401 LOCATION A - VERTICAL PROFILE ALONG VISIBILITY SPLAY - SCALE 1:500

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE:	Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE:	Junction Design Layout A
PROJECT No.:	250708
DRAWING No.:	250708-66
SCALE:	1:500 @ A1
DRAWN BY:	FB
CHECKED BY:	RD
DATE:	19.10.2026
REVISION:	P03

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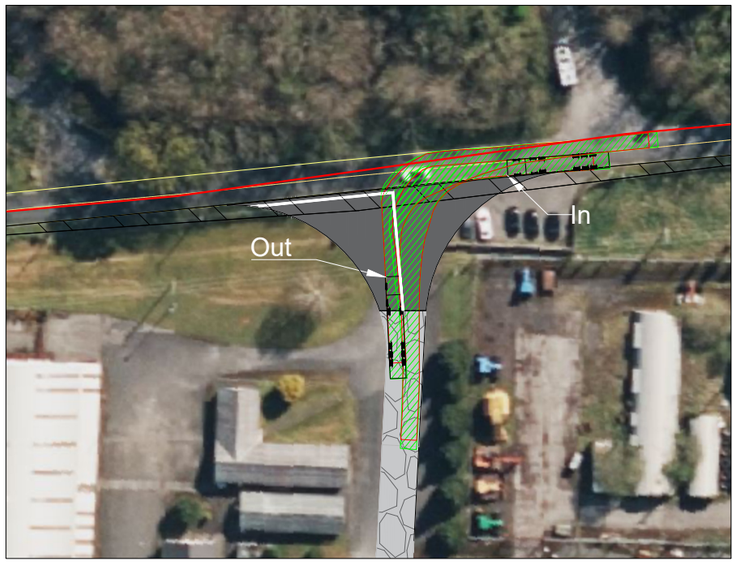


L3001 LOCATION B - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500

N



L3001 Location B - RIGHT SOUTH VIEW



L3001 Location B - AUTOTRACK ASSESSMENT- SCALE 1:500



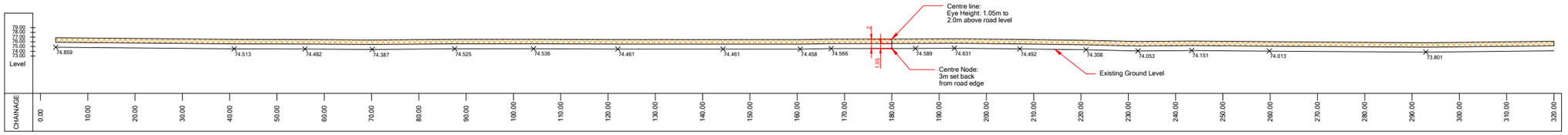
L3001 Location B - LEFT NORTH VIEW

Site Entrance B
L3001 Design Considerations:

Setback distance = 3.0 m.
Speed Limit 60 km/h
Design speed = 85 km/h.
Required Visibility = 160 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 88.9km/hr
SB = 86.3km/hr
Taper lengths not included as radius is sufficient (25m).

Existing chain link fence with vegetation and wall to North and South. Wall North of entrance to be removed.

Obstructions within sight triangles to be maintained below 1m.



L3001 Location B - VERTICAL PROFILE ALONG VISIBILITY SPLAY - SCALE 1:500

Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

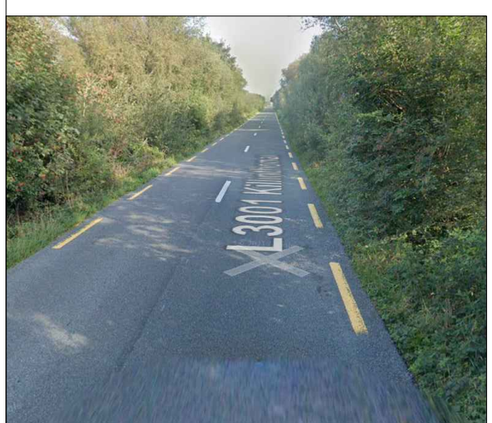
Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE: Junction Design Layout B
PROJECT No.: 250708
DRAWING No.: 250709-67
SCALE: 1:500 @ A1
DRAWN BY: FB
CHECKED BY: RD
DATE: 19.10.2026
REVISION: P03

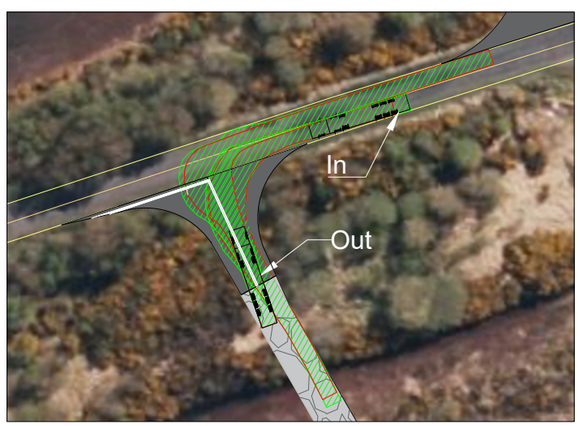
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Email: info@www.mkoireland.ie/Website: www.mkoireland.ie



L3001 LOCATION C - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500



L3001 LOCATION C - LEFT NORTH VIEW



L3001 LOCATION C - AUTOTRACK ASSESSMENT SCALE 1:500



L3001 LOCATION C - RIGHT SOUTH VIEW

N

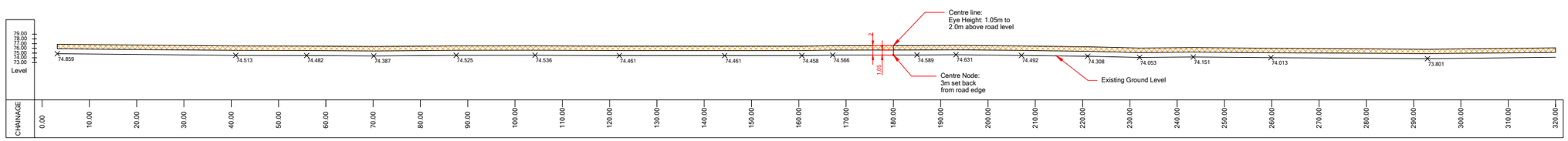
Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

Site Entrance 3C
L3001 Design Considerations:

Setback distance = 3.0 m.
Speed Limit 60 km/h
Design speed = 85 km/h.
Required Visibility = 120 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 94.9km/hr
SB = 94.1km/hr
Taper lengths in accordance with DN-GEO-03060

Existing vegetation to North and South of entrances. Vegetation to be removed from entrance and trimmed back from road edge.

Obstructions within sight triangles to be maintained below 1m.



L3001 LOCATION C - VERTICAL PROFILE ALONG VISIBILITY SPLAY SCALE 1:500

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE: Junction Design Layout C
PROJECT No.: 250708
DRAWING No.: 250708-68
SCALE: 1:500 @ A1
DRAWN BY: FB
CHECKED BY: RD
DATE: 19.10.2026
REVISION: P03

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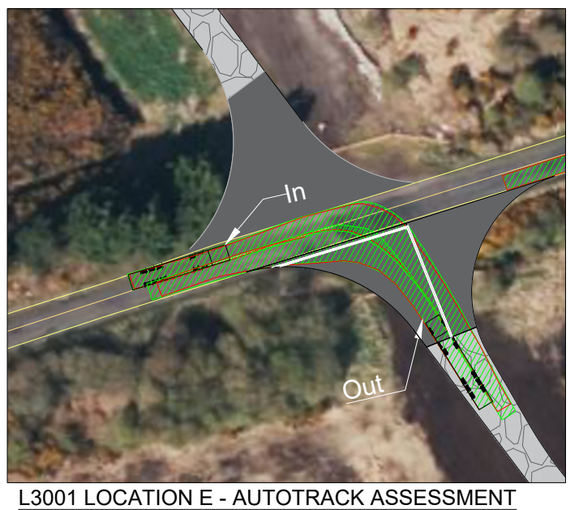


L3001 LOCATION E - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE1:500

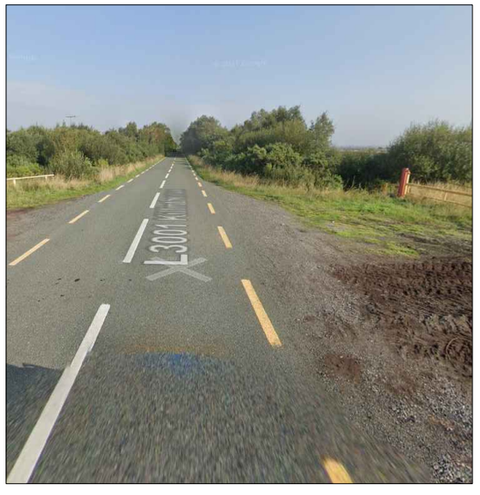
N



L3001 LOCATION E - LEFT SOUTH VIEW



L3001 LOCATION E - AUTOTRACK ASSESSMENT SCALE1:500



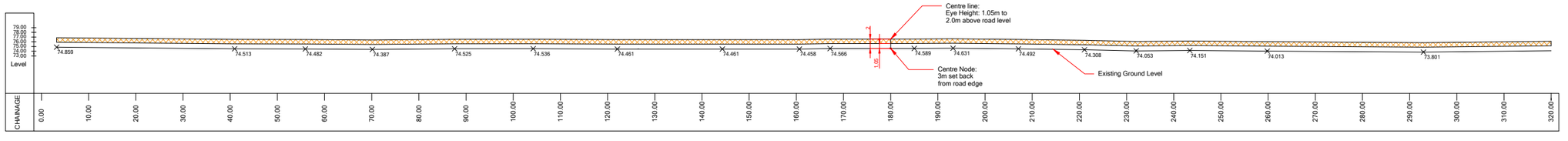
L3001 LOCATION E - RIGHT NORTH VIEW

Site Entrance 3D AND 3E
L3001 Design Considerations:

Setback distance = 3.0 m.
Speed Limit 60 km/h
Design speed = 85 km/h.
Required Visibility = 160 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 94.9km/hr
SB = 94.1km/hr
Taper lengths not included as radius is sufficient (25m).

Existing vegetation to North and South of entrances. Vegetation to be removed from entrance and trimmed back from road edge.

Obstructions within sight triangles to be maintained below 1m.



L3001 LOCATION E - VERTICAL PROFILE ALONG VISIBILITY SPLAY SCALE1:500

Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare			
DRAWING TITLE: Junction Design Layout D			
PROJECT No.: 250708	DRAWING No.: 250708-69	SCALE: 1:500 @ A1	
DRAWN BY: FB	CHECKED BY: RD	DATE: 19.10.2026	REVISION: P03

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Email: info@mkoireland.ie/Website: www.mkoireland.ie

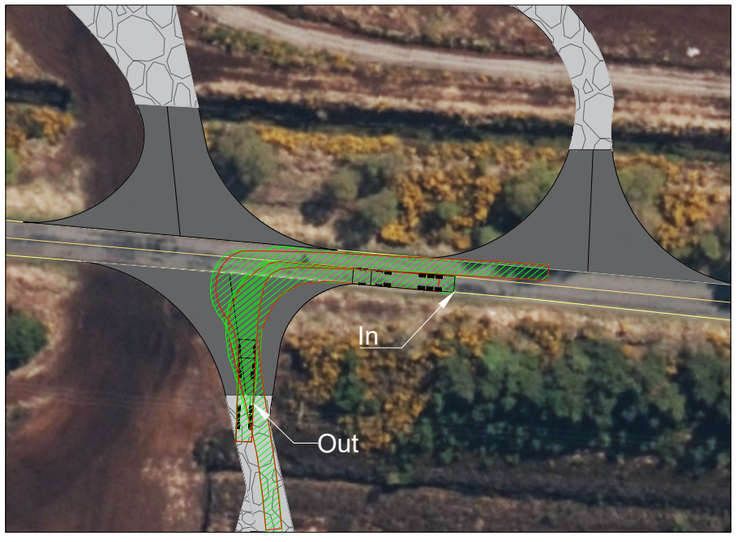


L1001 LOCATION F - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500

N



L1001 LOCATION F - RIGHT SOUTH VIEW



L1001 LOCATION F - AUTOTRACK ASSESSMENT - SCALE 1:500



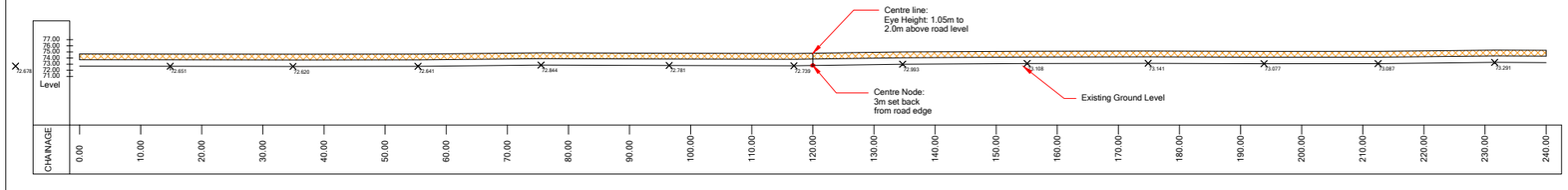
L1001 LOCATION F - LEFT NORTH VIEW

Site Entrance 4F
L1001 Design Considerations:

Setback distance = 3.0 m.
Speed Limit 60 km/h
Design speed = 85 km/h.
Required Visibility = 120 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 76.1km/hr
SB = 78.5km/hr
Taper lengths in accordance with DN-GEO-03060

Existing vegetation to North and South of entrances. Any vegetation to be removed from entrance and trimmed back from road edge.

Obstructions within sight triangles to be maintained below 1m.



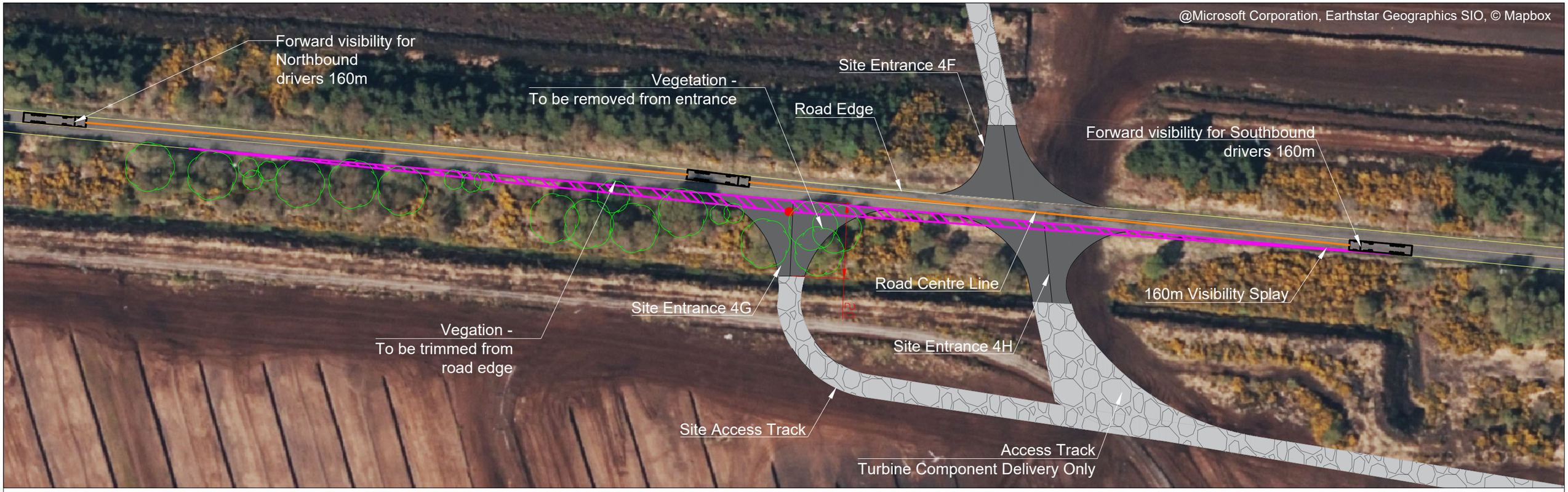
L1001 LOCATION F - VERTICAL PROFILE ALONG VISIBILITY SPLAY - SCALE 1:500

Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE:	Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE:	Junction Design Layout E
PROJECT No.:	250708
DRAWING No.:	250708-70
SCALE:	1:500 @ A1
DRAWN BY:	FB
CHECKED BY:	RD
DATE:	22.10.2026
REVISION:	P03

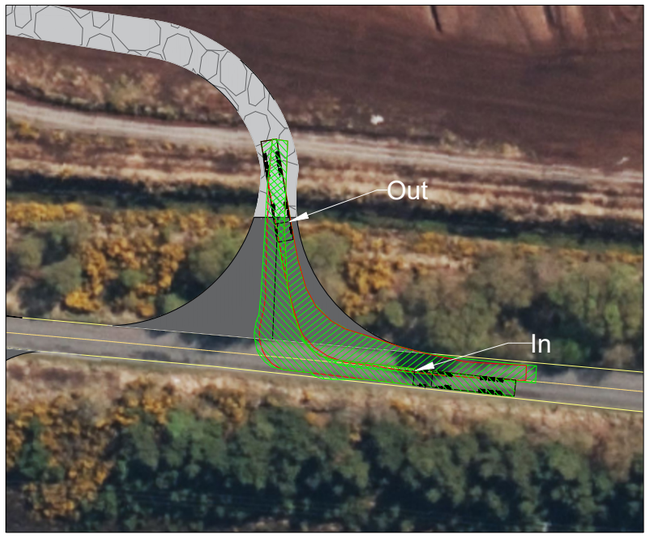
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L1001 LOCATION G - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500



L1001 LOCATION G - LEFT NORTH VIEW



L1001 LOCATION G - AUTOTRACK ASSESSMENT- SCALE 1:500



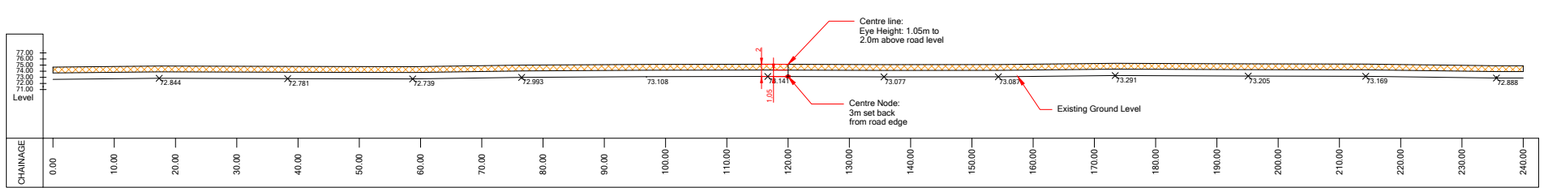
L1001 LOCATION G - RIGHT SOUTH VIEW

Site Entrance 4G and 4H
L1001 Design Considerations:

Setback distance = 3.0 m.
Speed Limit 60 km/h
Design speed = 85 km/h.
Required Visibility = 120 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 76.1km/hr
SB = 78.5km/hr
Taper lengths not included as radius is sufficient (25m).

Existing vegetation to North and South of entrances. Vegetation to be removed from entrance and trimmed back from road edge.

Obstructions within sight triangles to be maintained below 1m.



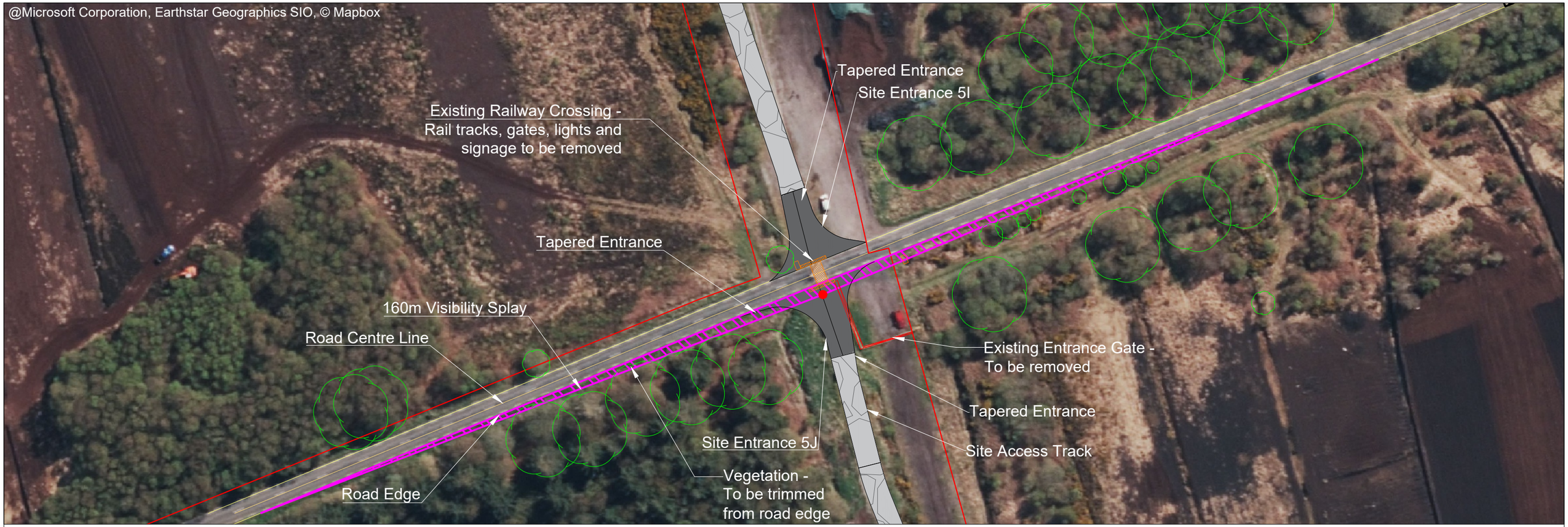
L1001 LOCATION G - VERTICAL PROFILE ALONG VISIBILITY SPLAY - SCALE 1:500

Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE: Junction Design Layout F
PROJECT No.: 250708
DRAWING No.: 250708-71
SCALE: 1:500 @ A1
DRAWN BY: FB
CHECKED BY: RD
DATE: 22.10.2026
REVISION: P03

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R414 LOCATION I - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500

N



R414 LOCATION I - LEFT NORTH VIEW



R414 LOCATION I - RIGHT SOUTH VIEW

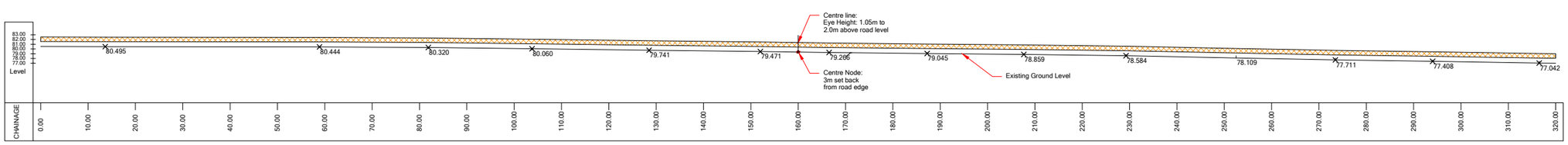
Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

Site Entrance 5I and 5J
R414 West Design Considerations:

Setback distance = 3.0 m.
Speed Limit 60 km/h
Design speed = 85 km/h.
Required Visibility = 120 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 83.3km/hr
SB = 83.8km/hr
Taper lengths in accordance with DN-GEO-03060

Existing vegetation to North and South to be removed from road edge and entrance. Rail crossing with signs and gate North of entrance to be removed
Obstructions within sight triangles to be maintained below 1m.

This entrance is provided solely to facilitate crossing from one side of the R414 to the other for radial cable installation. It is not intended for material delivery or general site access.



R414 LOCATION I - VERTICAL PROFILE ALONG VISIBILITY SPLAY - SCALE 1:500

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE: Junction Design Layout G
PROJECT No.: 250708
DRAWING No.: 250708-72
SCALE: 1:500 @ A1
DRAWN BY: FB
CHECKED BY: RD
DATE: 22.10.2026
REVISION: P02

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R414 LOCATION I - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500



R414 LOCATION I - LEFT SOUTH VIEW



R414 LOCATION I - RIGHT NORTH VIEW

N

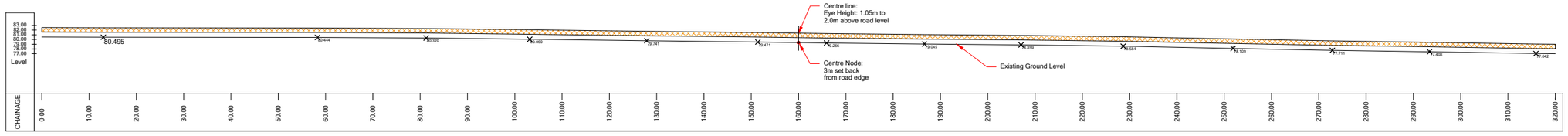
Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

Site Entrance 5I and 5J
R414 East Design Considerations:

Setback distance = 3.0 m.
Speed Limit 80 km/h
Design speed = 85 km/h.
Required Visibility = 160 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 83.3km/hr
SB = 83.8km/hr
Taper lengths in accordance with DN-GEO-03060

Existing vegetation to North and South to be removed from road edge and entrance. Rail crossing with signs and gate North of entrance to be removed
Obstructions within sight triangles to be maintained below 1m.

This entrance is provided solely to facilitate crossing from one side of the R414 to the other for radial cable installation. It is not intended for material delivery or general site access.

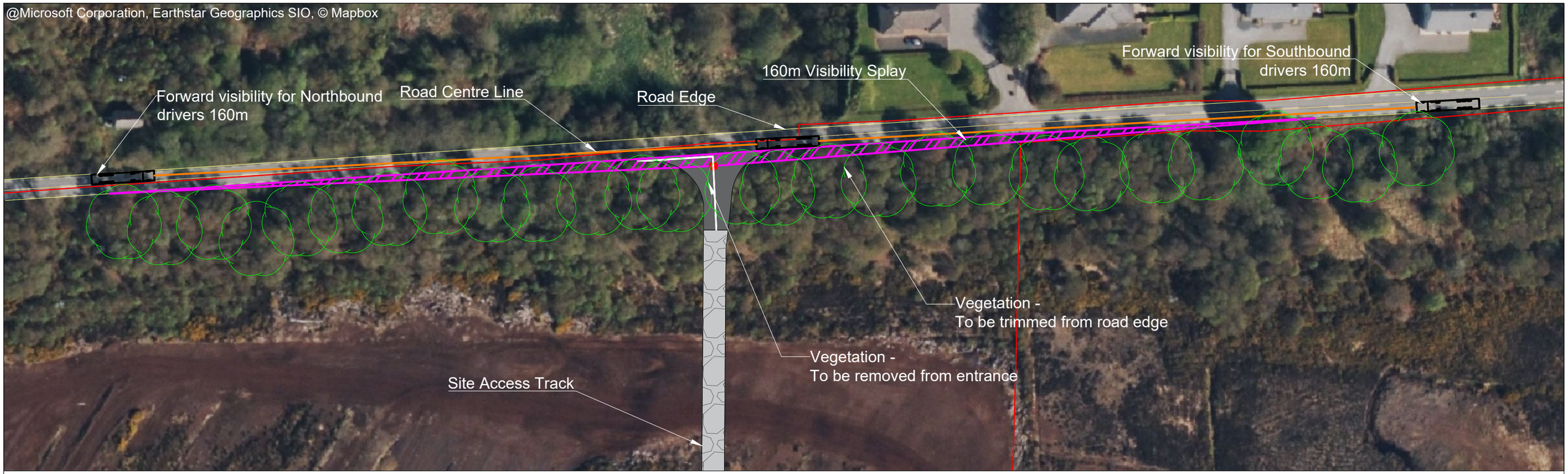


R414 LOCATION I - VERTICAL PROFILE ALONG VISIBILITY SPLAY- SCALE 1:500

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

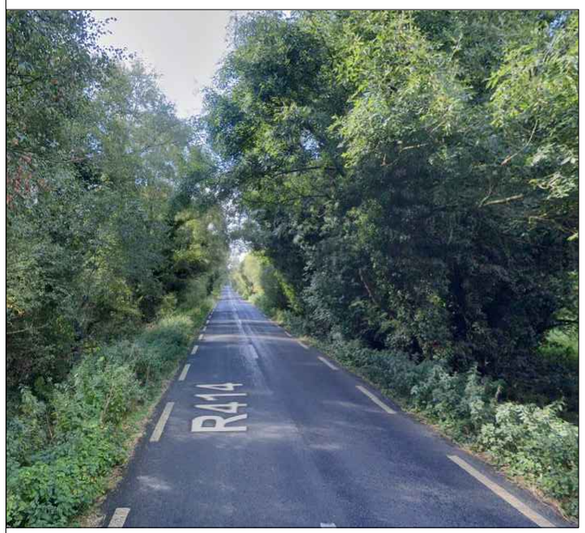
PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare			
DRAWING TITLE: Junction Design Layout H			
PROJECT No.: 250708	DRAWING No.: 250708-73	SCALE: 1:500 @ A1	
DRAWN BY: FB	CHECKED BY: RD	DATE: 22.10.2026	REVISION: P02

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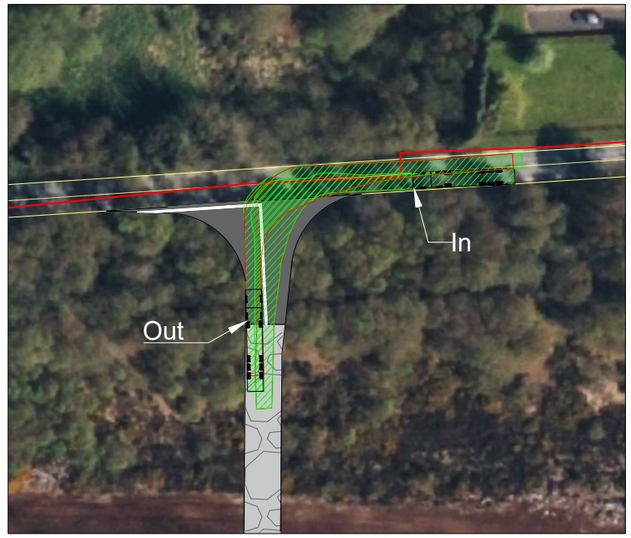


R414 LOCATION L - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500

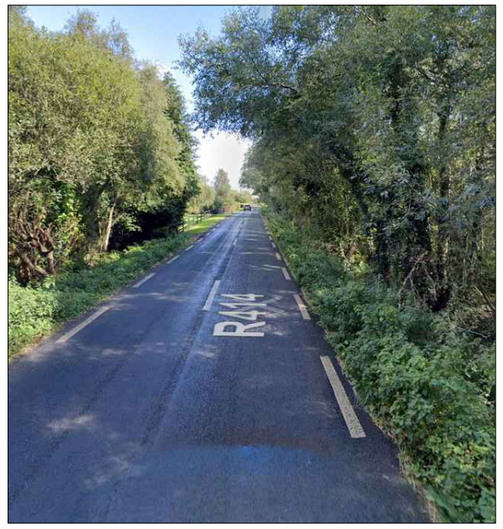
N



R414 LOCATION L - RIGHT SOUTH VIEW



R414 LOCATION L - AUTOTRACK ASSESSMENT - SCALE 1:500



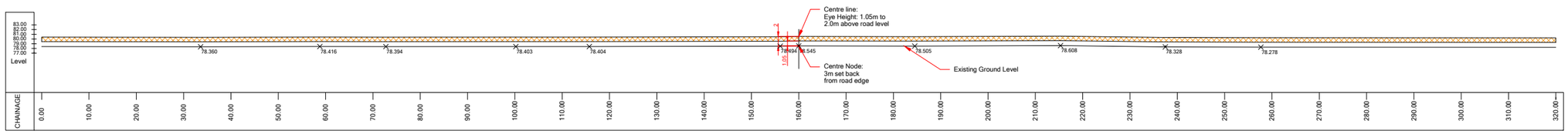
R414 LOCATION L - LEFT NORTH VIEW

Site Entrance 6L
R414 Design Considerations

Setback distance = 3.0 m.
Speed Limit 80 km/h
Design speed = 85 km/h.
Required Visibility = 160 m in both directions.
Recommended increased visibility splays as observed speeds were:
NB = 75.2km/hr
SB = 75.2km/hr
Taper lengths in accordance with DN-GEO-03060

Existing vegetation to West and East. Heavy vegetation to be removed from entrance and trimmed back from road edge

Obstructions within sight triangles to be maintained below 1m.



R414 LOCATION L - VERTICAL PROFILE ALONG VISIBILITY SPLAY- SCALE 1:500

Legend
- Planning Application Boundary
- 160m Sight Line
- 120m Sight Line
- Node
- Road Edge
- Road Centre
- Vegetation
- Wall
- Gate
- Site Entrance
- Site Access Track

Notes:
1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED. USE FIGURED DIMENSIONS ONLY

PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE: Junction Design Layout I
PROJECT No.: 250708
DRAWING No.: 250708-74
SCALE: 1:500 @ A1
DRAWN BY: FB
CHECKED BY: RD
DATE: 22.10.2026
REVISION: P03

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L6002 LOCATION M - SITE ENTRANCE AND VISIBILITY SPLAY- SCALE 1:500



L6002 LOCATION M - RIGHT SOUTH VIEW



L6002 LOCATION M - AUTOTRACK ASSESSMENT - SCALE 1:500



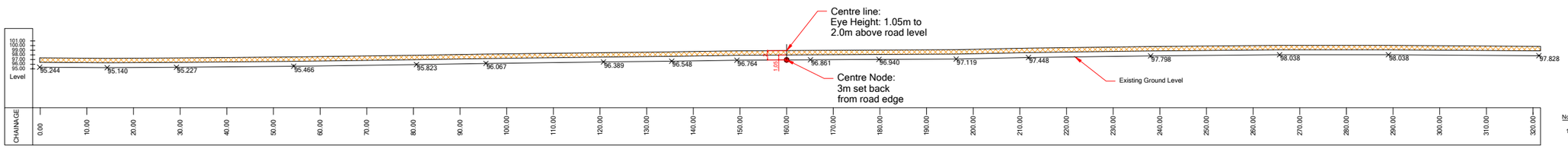
L6002 LOCATION M - LEFT NORTH VIEW

Site Entrance 7M
L6002 Design Considerations:

Setback distance = 3.0 m.
Speed Limit 80 km/h
Design speed = 85 km/h.
Required Visibility = 160 m in both directions.
Taper lengths in accordance with DN-GEO-03060

Existing vegetation to be removed from entrance and trimmed back from road edge

Obstructions within sight triangles to be maintained below 1m.



L6002 LOCATION M - VERTICAL PROFILE ALONG VISIBILITY SPLAY - SCALE 1:500

Notes:

1. MEASUREMENTS SHOWN ARE IN MM, UNLESS INDICATED OTHERWISE
2. DRAWING FOR PLANNING PURPOSES ONLY
3. DRAWINGS ARE NOT TO BE SCALED, USE FIGURED DIMENSIONS ONLY

PROJECT TITLE: Ballydermot Wind Farm, Co. Offaly and Co. Kildare
DRAWING TITLE: Junction Design Layout J
PROJECT No.: 250708
DRAWING No.: 250708-75
SCALE: 1:500 @ A1
DRAWN BY: FB
CHECKED BY: RD
DATE: 22.10.2026
REVISION: P03

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