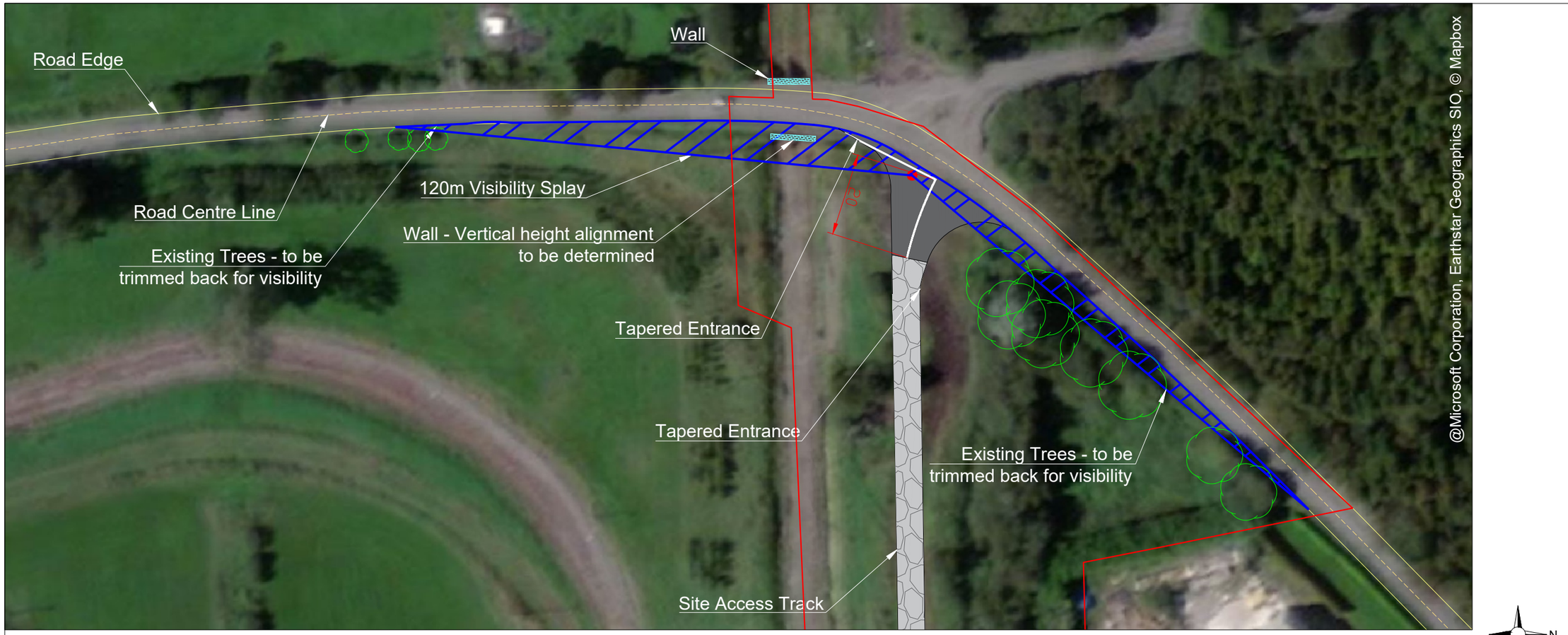
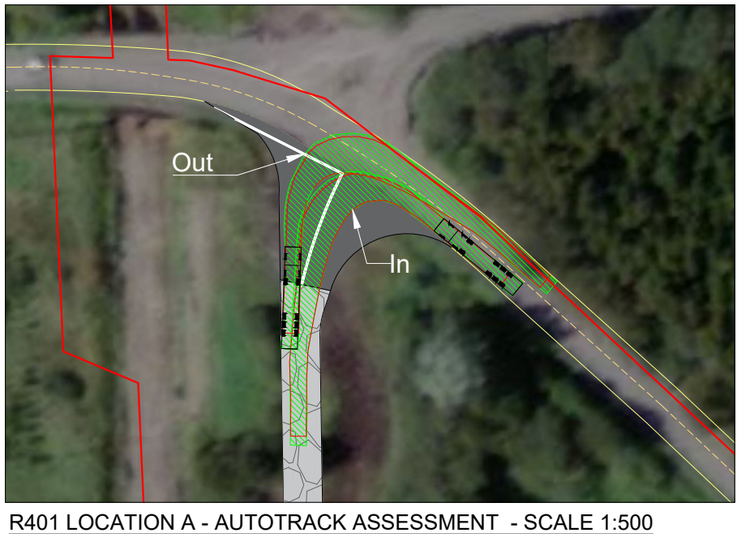


R401 LOCATION A - SITE ENTRANCE AND VISIBILITY SPLAY - SCALE 1:500



R401 LOCATION A - RIGHT NORTH VIEW



R401 LOCATION A - AUTOTRACK ASSESSMENT - SCALE 1:500



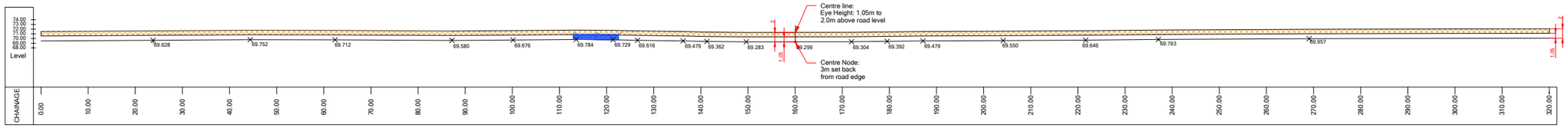
R401 LOCATION A - LEFT SOUTH VIEW

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

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