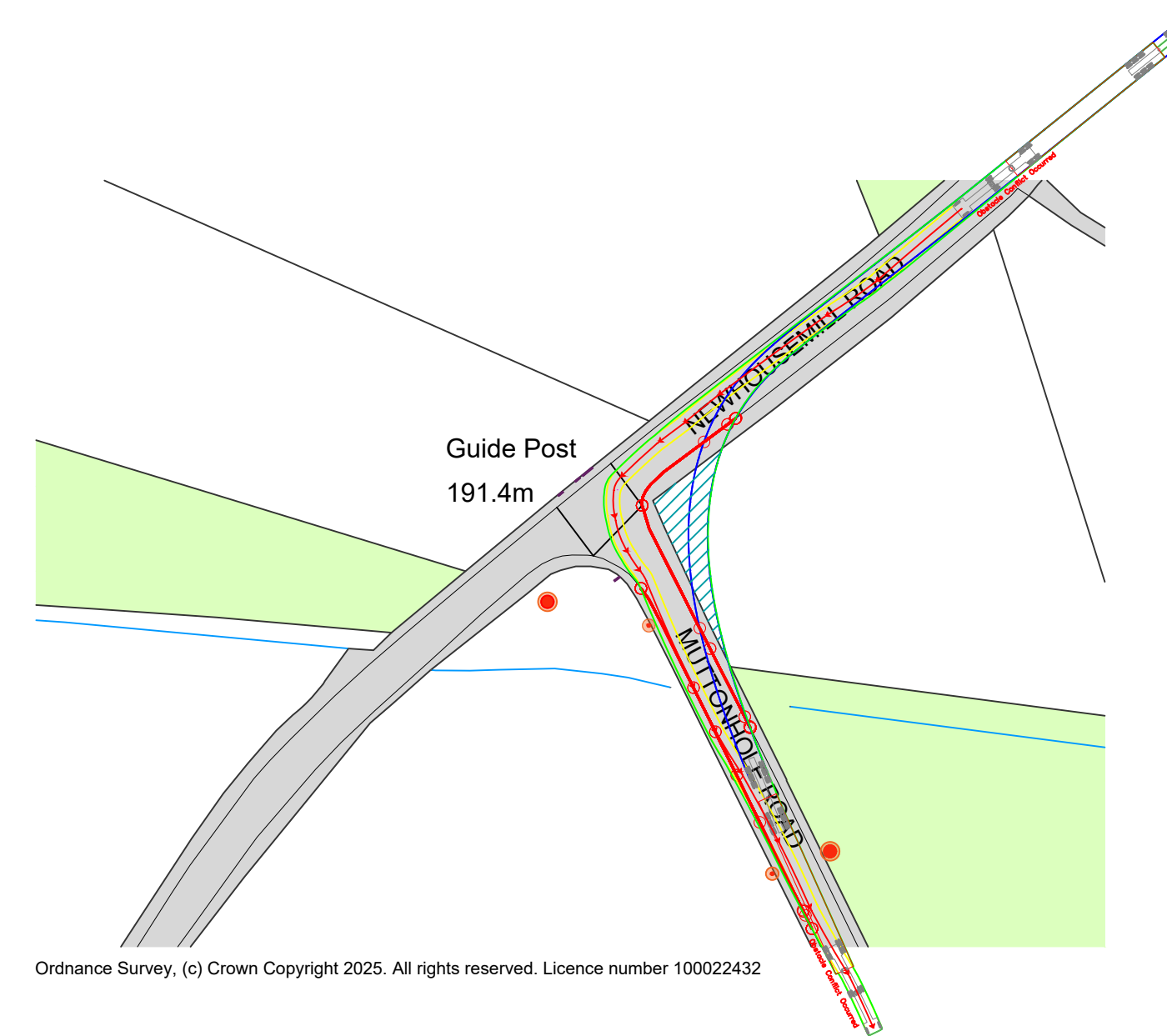
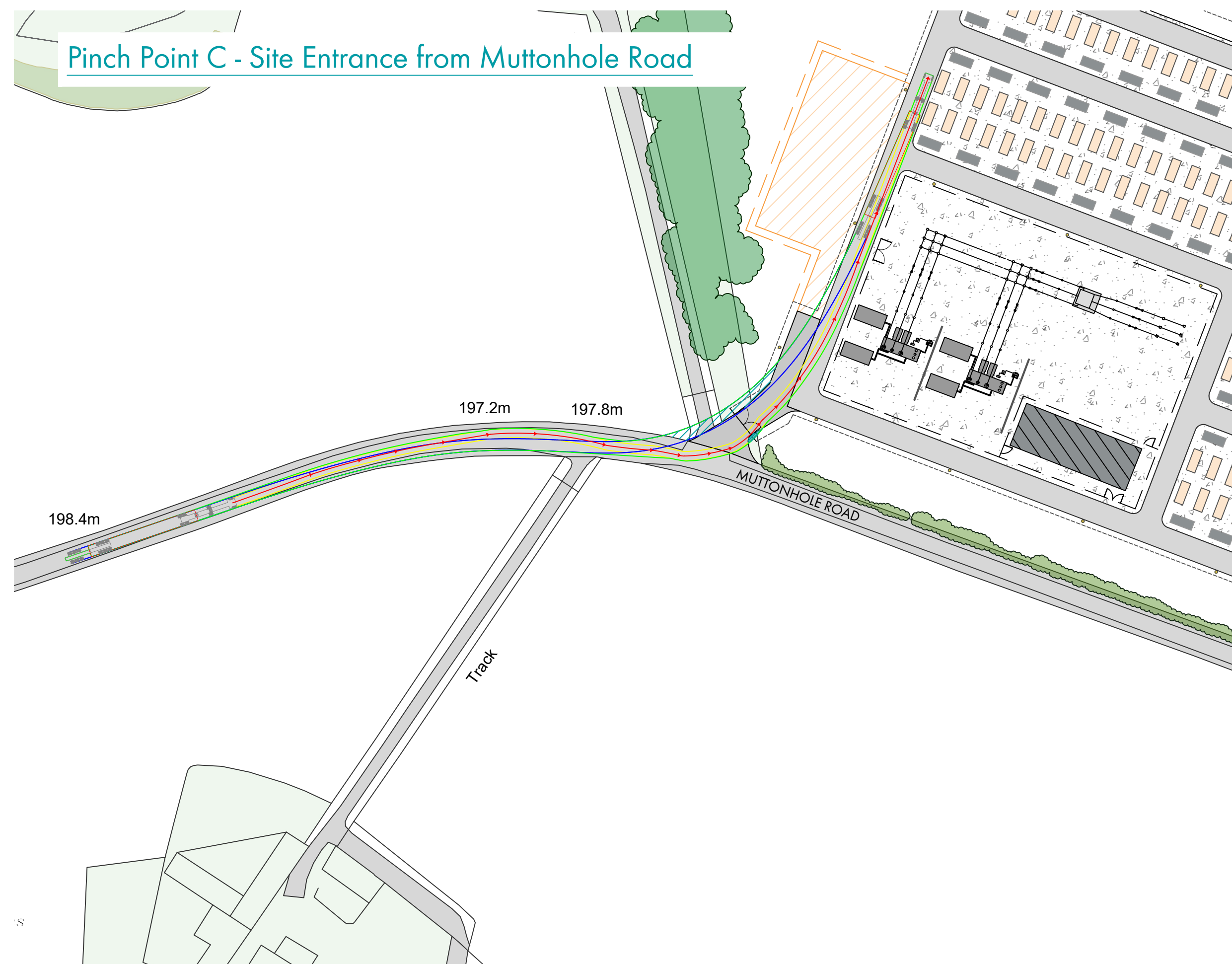


Pinch Points A - Parkneuk Road to Newhousemill Road

Pinch Point B - Newhousemill Road to Muttonhole Road












Pinch Point C - Site Entrance from Muttonhole Road



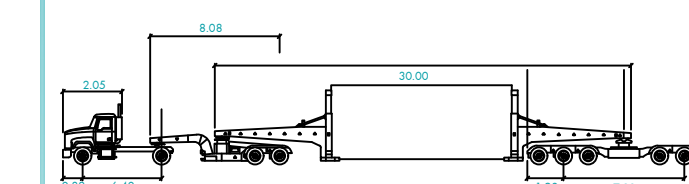
Appendix

10.1

Swept Path Analysis

-  Vehicle Centreline Pathway
-  Rear Vehicle Tyres
-  Front Vehicle Tyres
-  Vehicle Load
-  Lighting Column & Overhead Poles
-  Bollard
-  Electrical Safety Margin (0.5m)
-  Non-lit Street Sign
-  Land Taken for Temporary Reinforcement

Vehicle Specifications



Drawing Details

Desk-based swept path analysis (SPA) calculation generated for the transformer delivery vehicle at pinch points along the delivery route. The vehicle was chosen as a representation of the girder bridge vehicle required for delivery of the transformer.

NOTE: SPA modelling has limitations and cannot completely replicate real world actions. Shown for indicative purposes only to highlight areas of review in the field.

Pinch Points A - Parkneuk Road to Newhousemill Road

Areas of land required to be taken to navigate the corners is shown. These areas will be reinforced temporarily and then restored to the current state. These areas have been used for delivery of wind turbine blades for Blantyre Muir Windfarm (planning ref. HM/10/0478). No street furniture will be impacted.

Pinch Point B - Newhousemill Road to Muttonhole Road

Pinch Point B - Newhousemill Road to Muttonhole Road
Area of land taken highlighted, to be reinforced to allow delivery of transformer then restored. No impact to street furniture or overhead line infrastructure.

Pinch Point C - Site Entrance from Muttonhole Road

To facilitate transformer deliver temporary matting will be required in the area of overhang at the site access. This access will be suitable for all other deliveries of site components.

Scale: 1:1000 @ A1



Client Name	Advance Grid Solutions Limited
Project Name	Muttonhole Road BESS
Drawing Reference	COG511/APP/034/b
Date	01/04/25

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