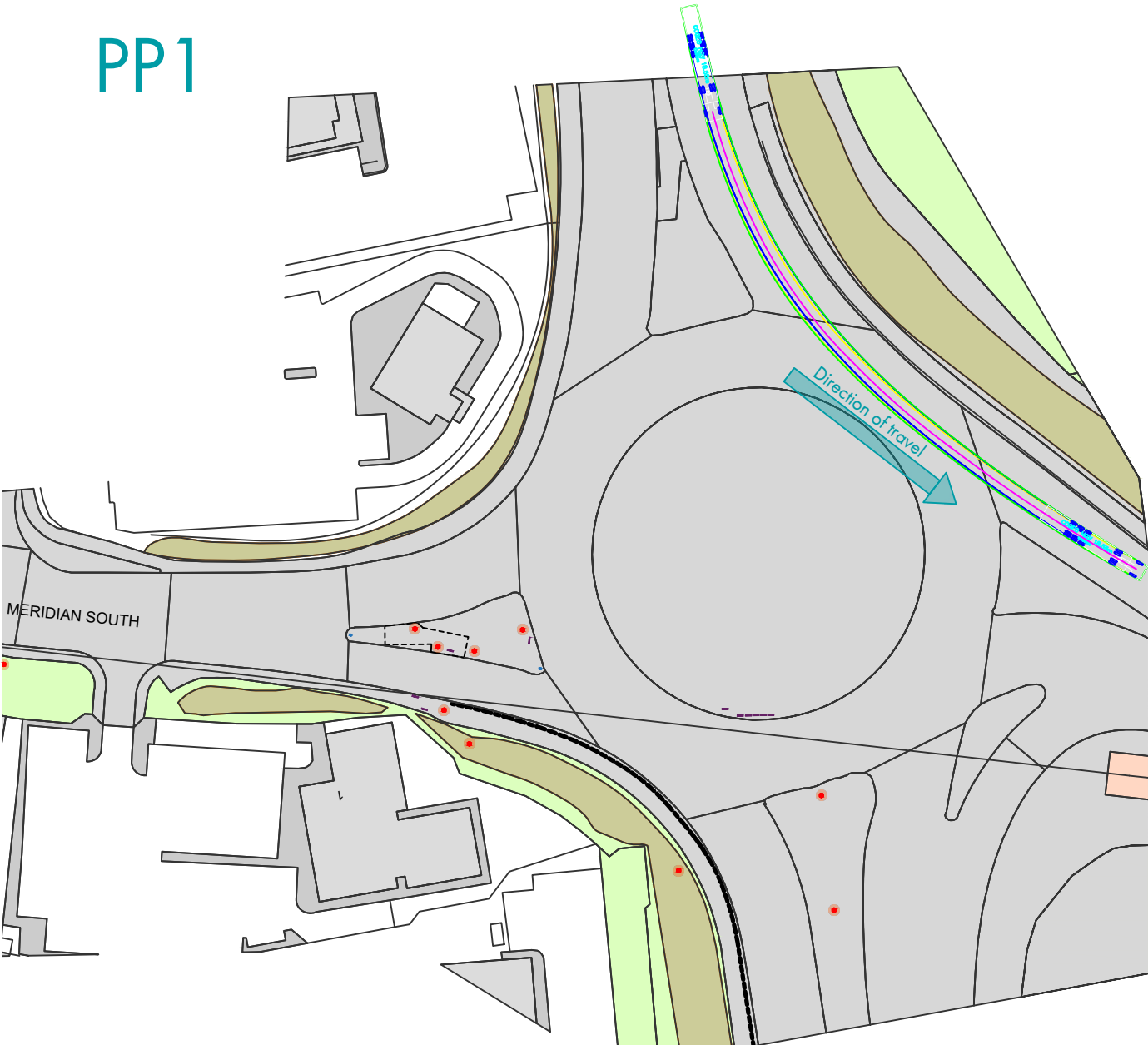
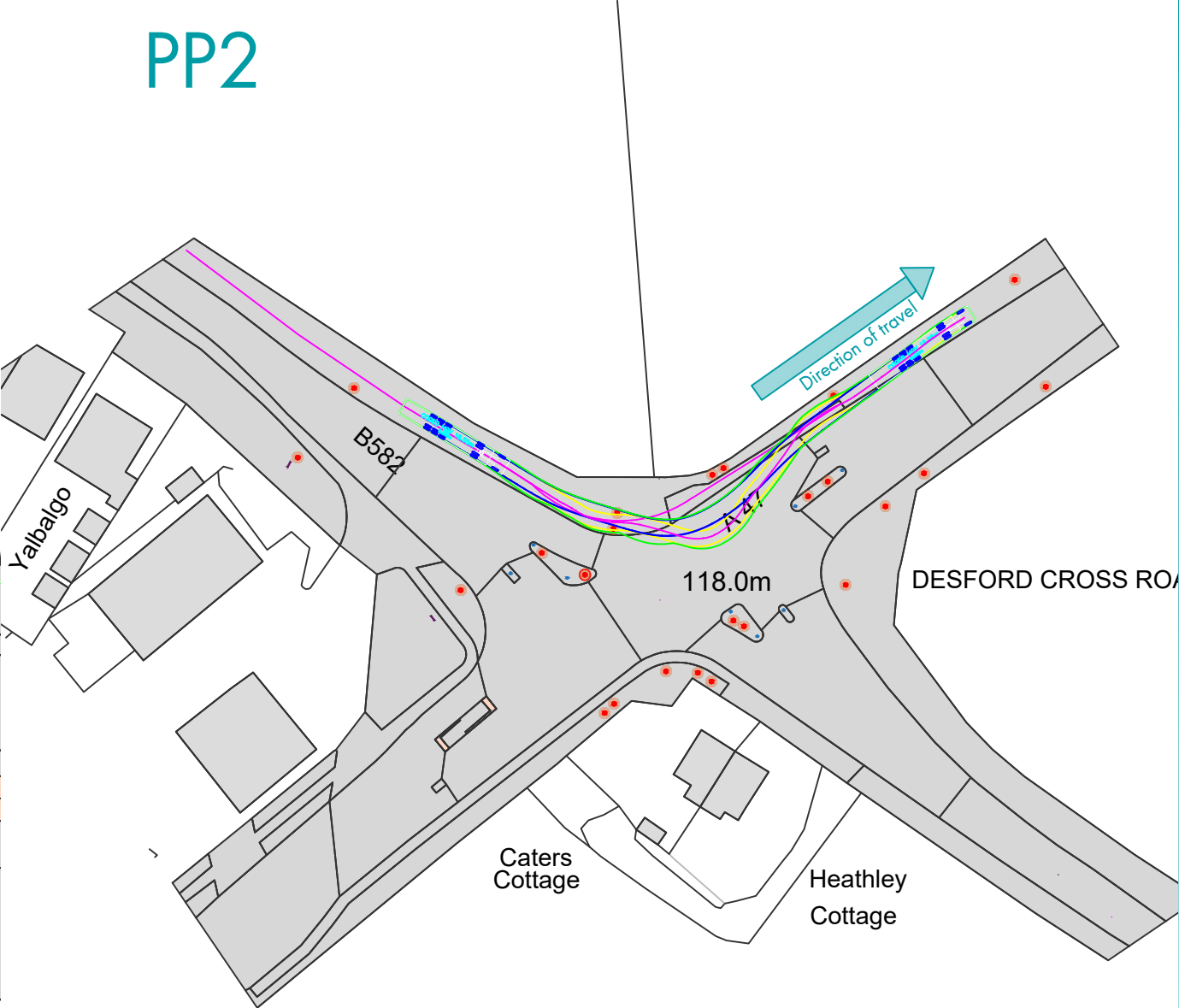


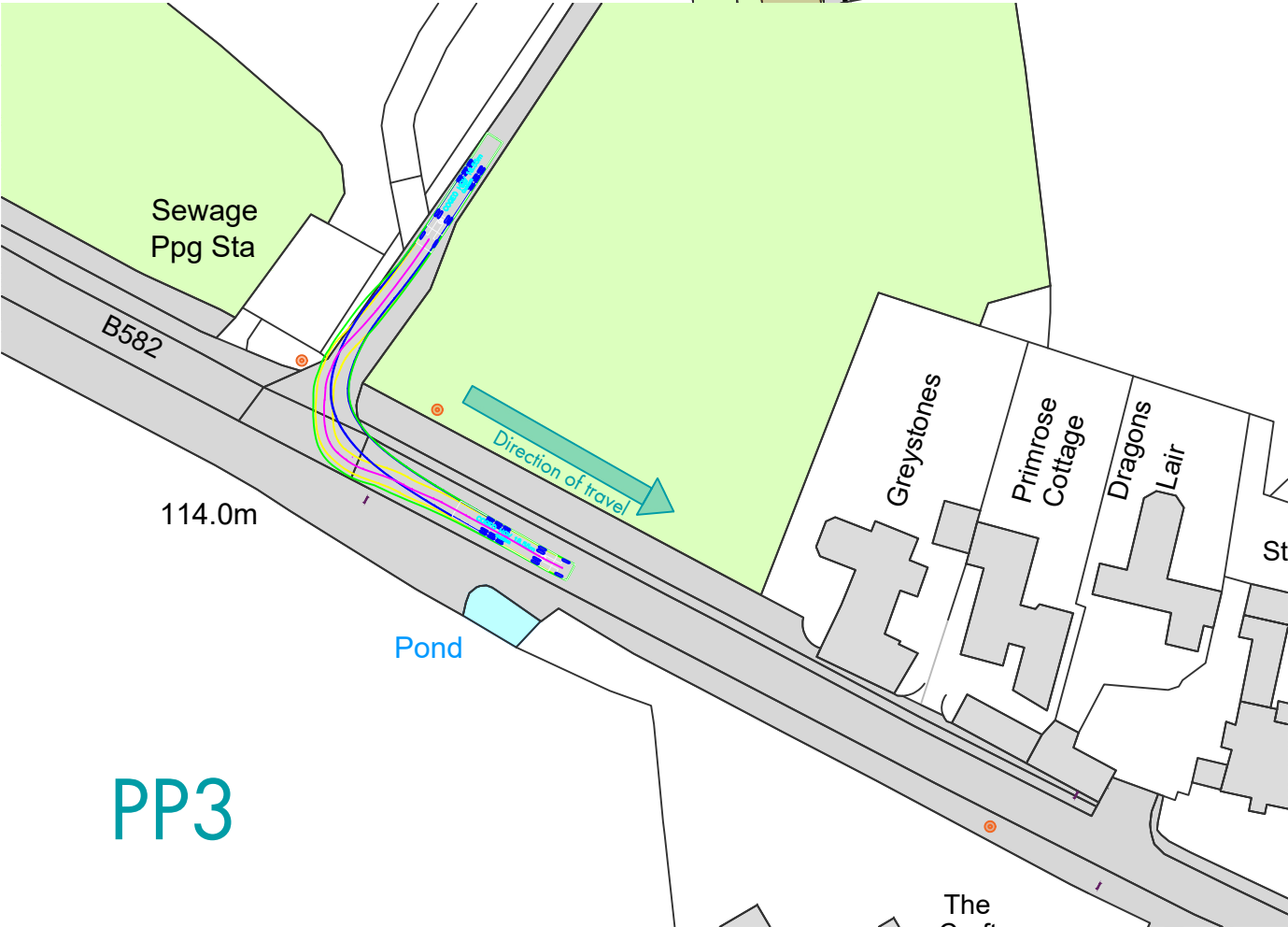
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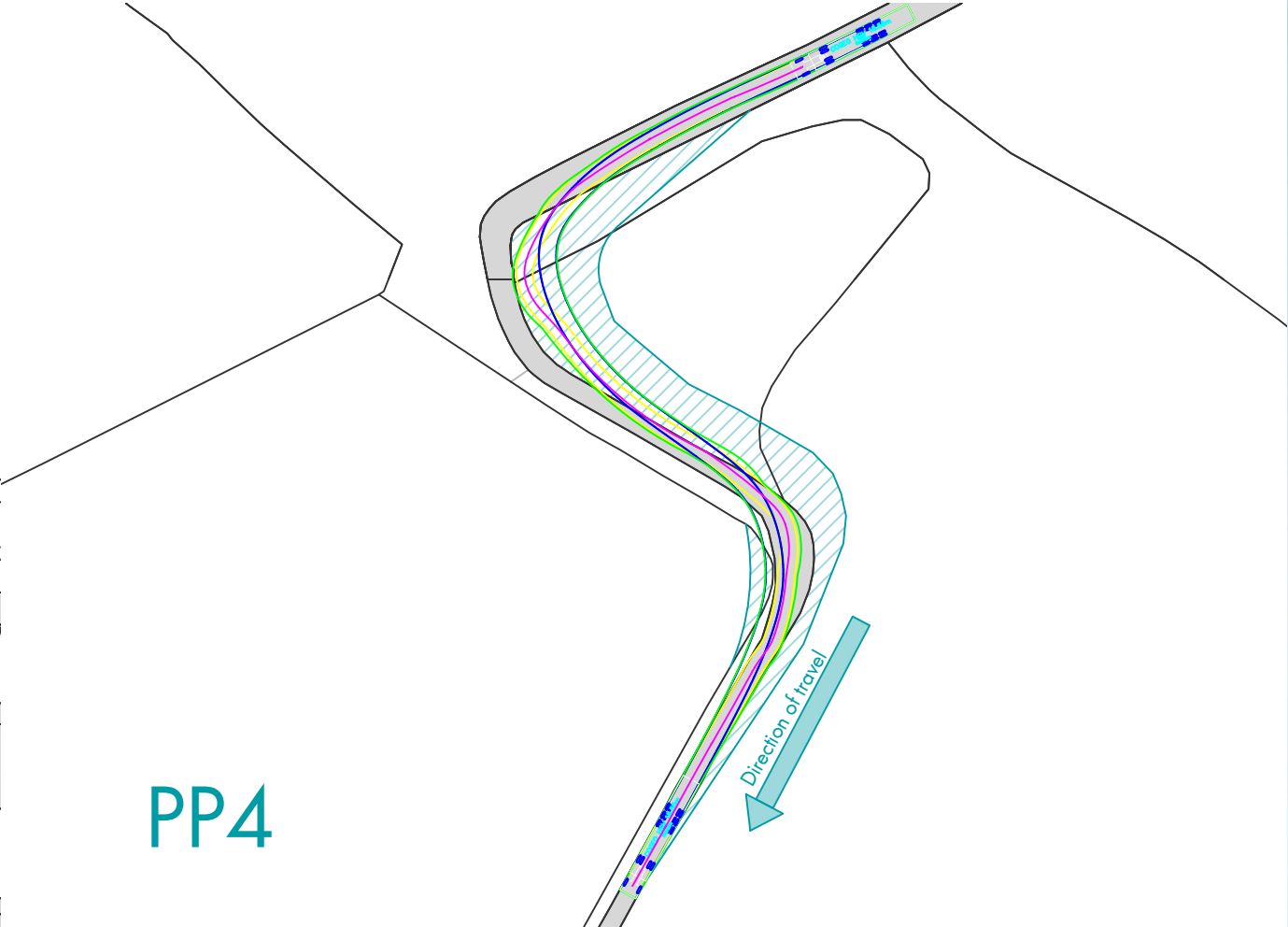
PP2



PP3



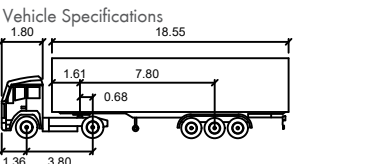
PP4



Appendix 8.8

Swept Path Analysis - HGV Exit - Part A

- 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



Drawing Details
Desk-based swept path analysis (SPA) calculations were generated for an 18.55m articulated HGV at the 6 pinch points highlighted in Appendix 8.1. This vehicle type was used to represent the delivery vehicle for the original turbine components associated with the existing installation. The vehicle tracking was carried out at a speed of 15kph.

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 Point 1
The width and layout of the A563 roundabout are suitable for articulated HGV movements associated with turbine blade delivery, as demonstrated on the pinch point plan.

Pinch Point 2
The tracking shown on the plans illustrates that the turn between the two roads can be negotiated; however, the manoeuvre results in verge overrun and potential conflict with existing traffic poles. Further site investigations will be required prior to decommissioning to confirm suitability and identify any necessary mitigation measures.

Pinch Point 3
Exiting Park House Farm, the HGV may traverse the verge slightly, but no street signs or other furniture will be affected.

Pinch Point 4
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.



Client Name Paul Hilyer
Project Name Park House Farm Repowering
Drawing Reference COGAPP/849/033/b
Date 07/01/26

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