



LEGEND

- Foul Drainage
- Surface Water Drainage
- Surface Water Orifice Plate
- Rodding Eye
- Permeable Paving Surface
- Permeable Paving Perforated Pipe
- Existing Ditch
- Sewage Treatment Plant System

All proposed foul drainage from the new residential units shall discharge into the existing on-site sewer network, with final connection made at the existing domestic sewer treatment plant.

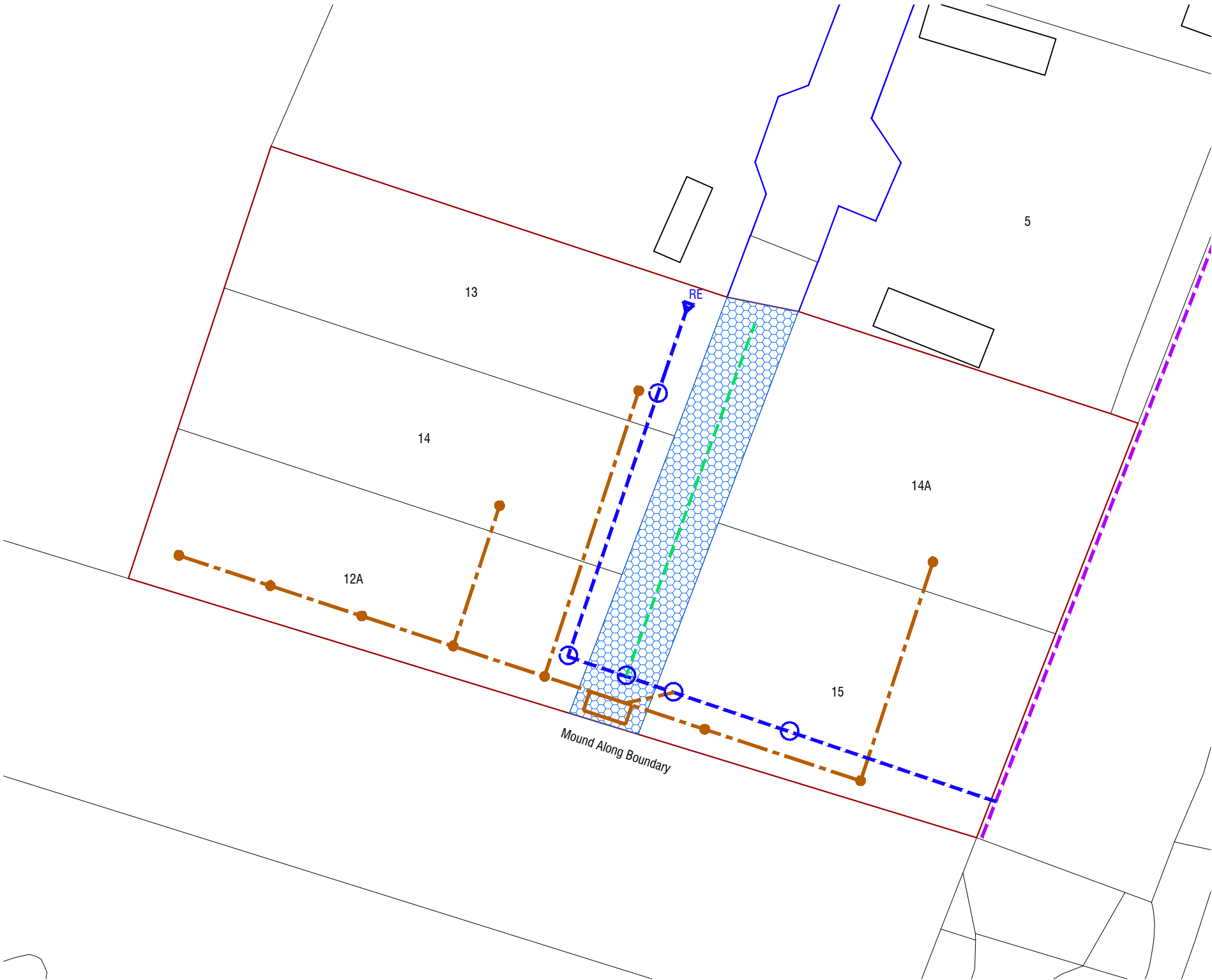
The proposed foul sewer runs are to be shown as 110–150 mm Ø uPVC pipes, laid at gradients sufficient to maintain self-cleansing flow. Indicative gradients of 1:80–1:100 may be assumed for planning purposes.

Inspection Chambers (ICs) are provided at all changes in direction, gradient, and junctions. Typical chambers to be shown as 450–600 mm precast or proprietary plastic units, equally spaced. Where depth or loading requires, proposed manholes (MHs) may be used instead of ICs. Manholes to be shown as 1,200 mm precast concrete units with cover and frame to suit location.

Indicative foul flows are based on standard domestic allowances at approximately:

2.0–2.5 l/s peak flow per dwelling, subject to confirmation during detailed design.

All drainage information shown is indicative only and provided solely to illustrate the intended connection strategy for planning purposes. Final pipe sizes, levels, gradients, flows, and manhole construction will be confirmed at the technical design and building control stage following detailed drainage calculations and liaison with the sewer authority.



- Secondary Boundary line
- Boundary line

SITE LAYOUT PLAN
Scale 1:500

