

Figure 4.8a: Kendoon Substation Works

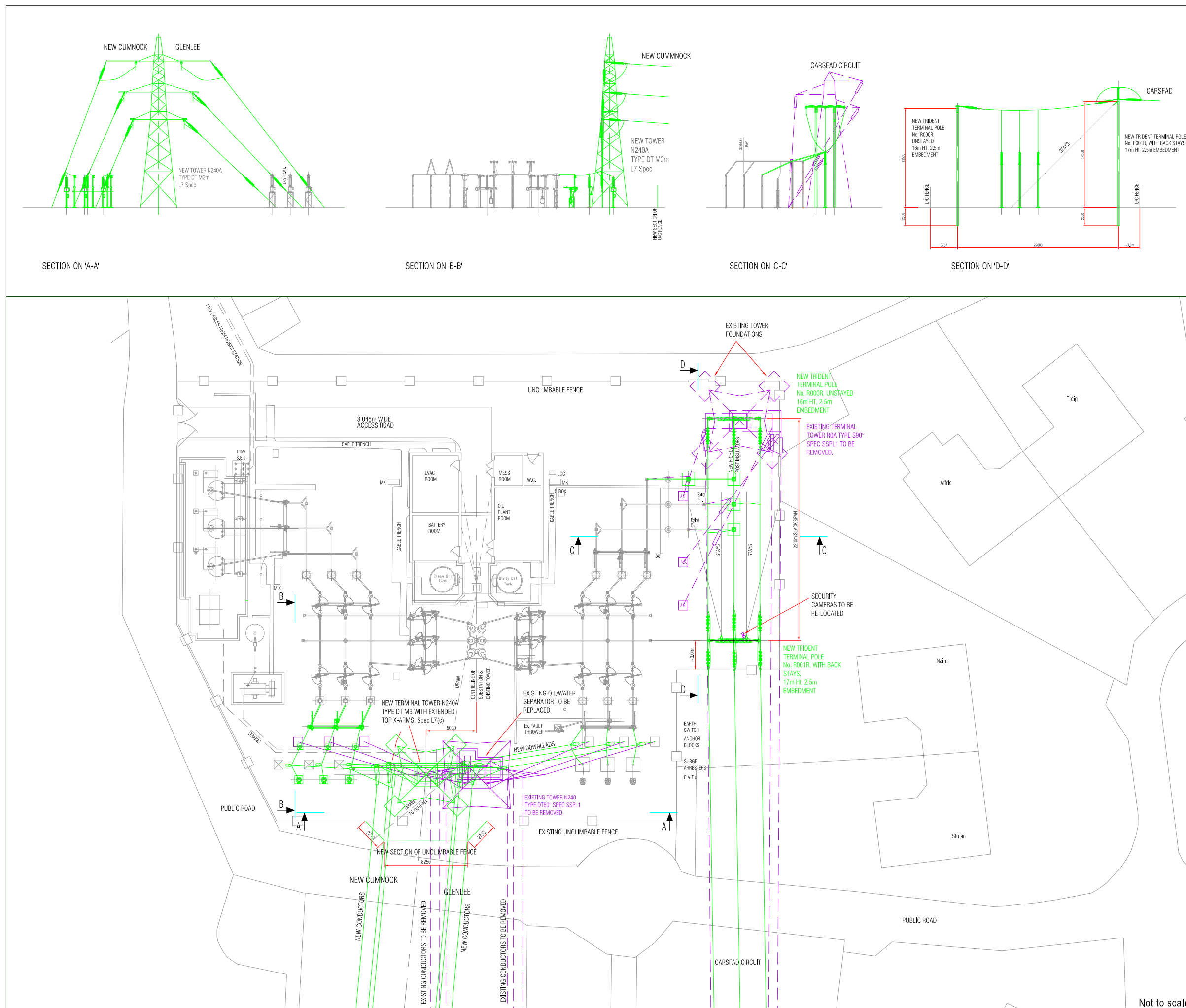
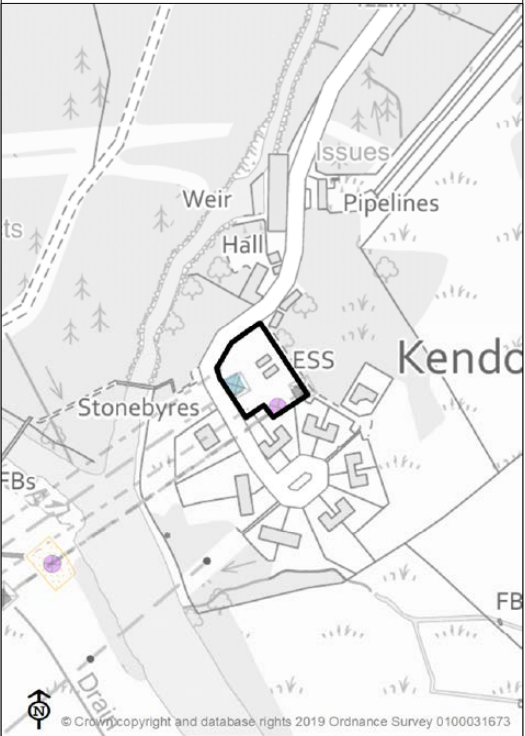


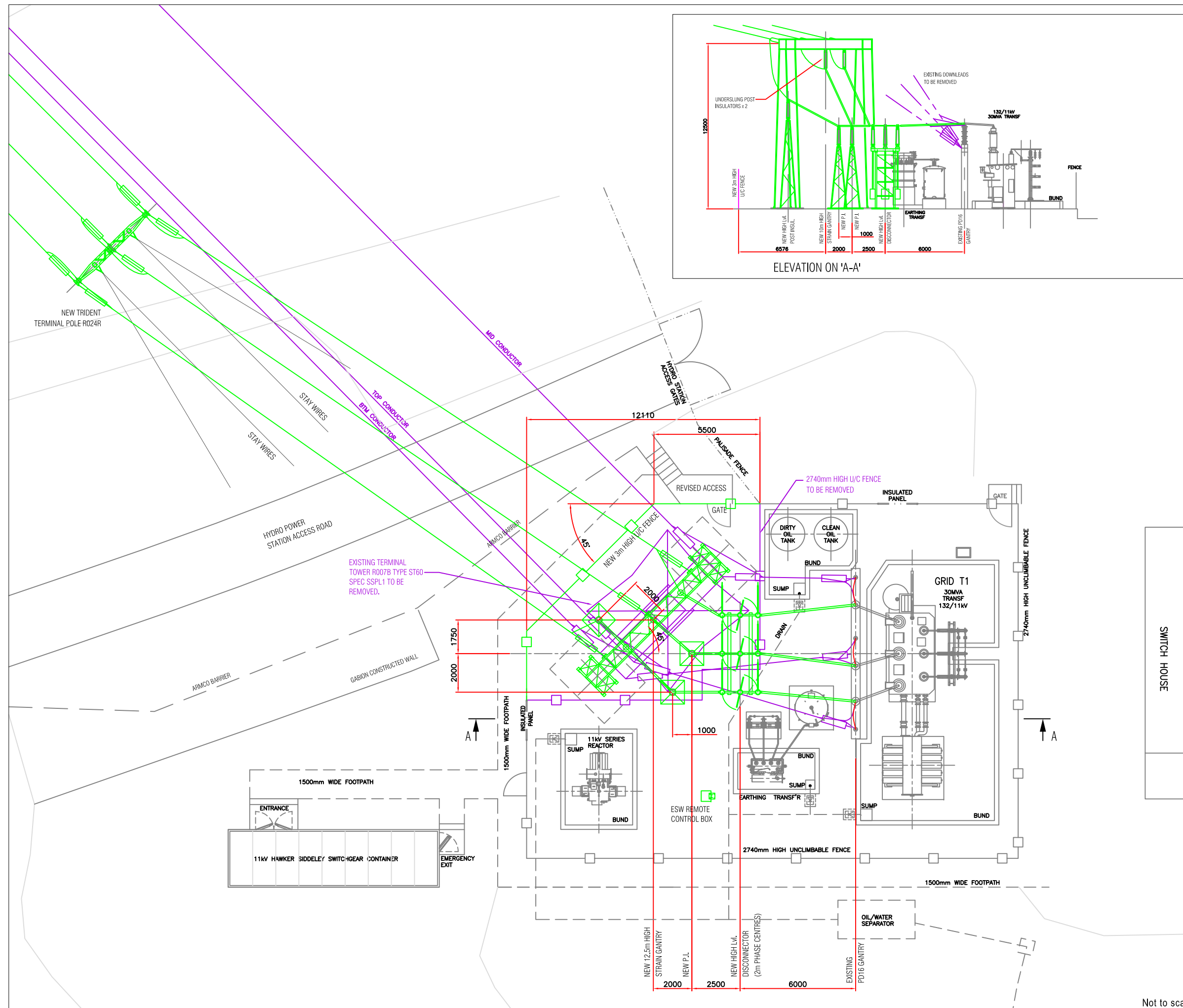
Figure 4.8b: Construction Requirements at Kendoon Substation

- Additional construction area & parking rights during construction period
- Temporary access
- Construction area
- Earth works required
- Existing equipment to be retained
- New equipment to be installed
- Existing equipment to be removed

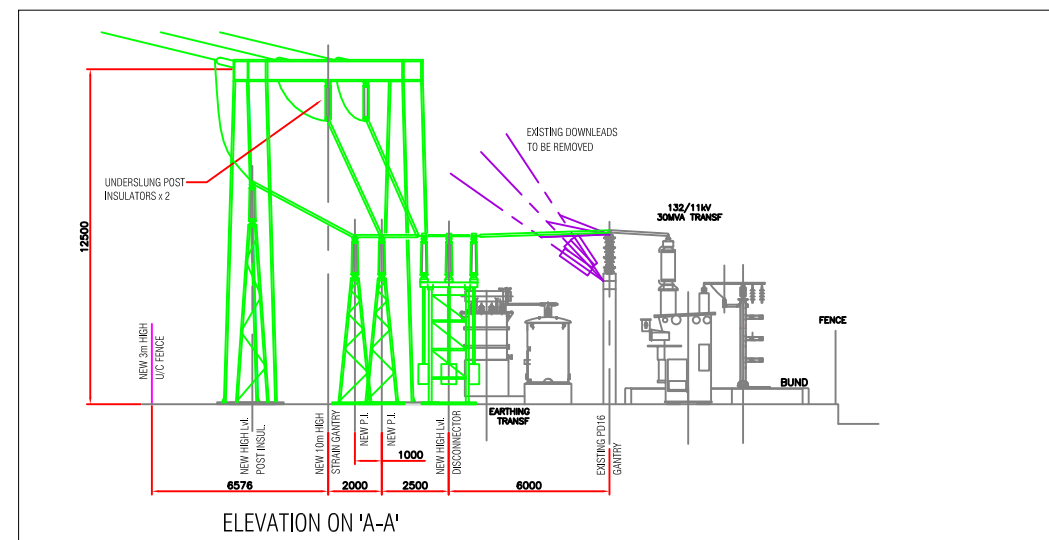


Not to scale

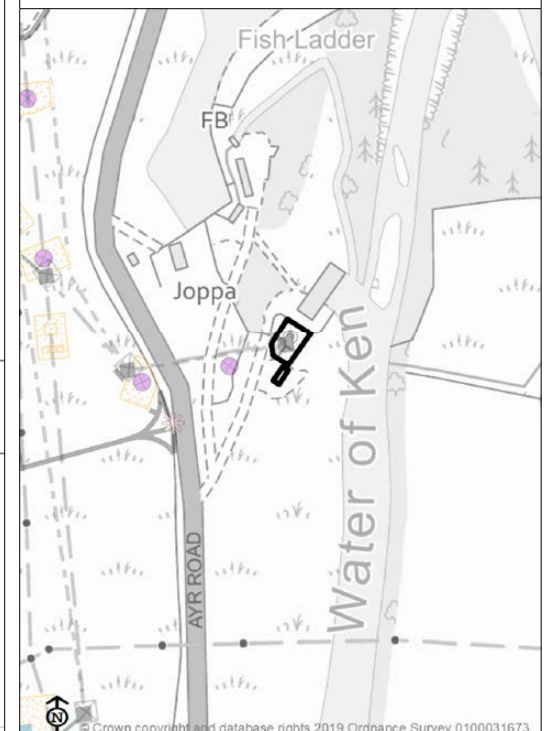
Figure 4.9: Carsfad Substation Works



Not to scale



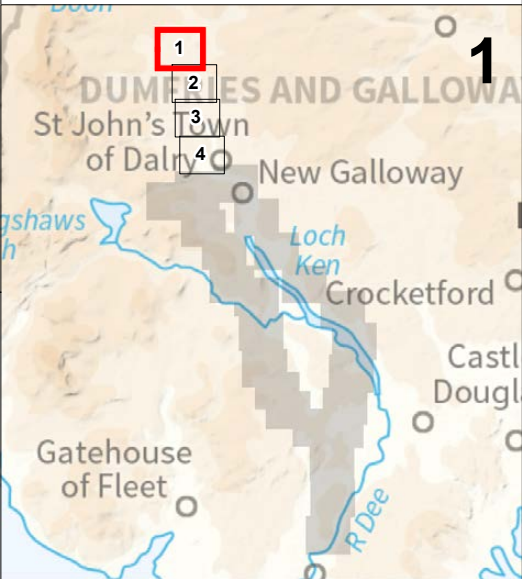
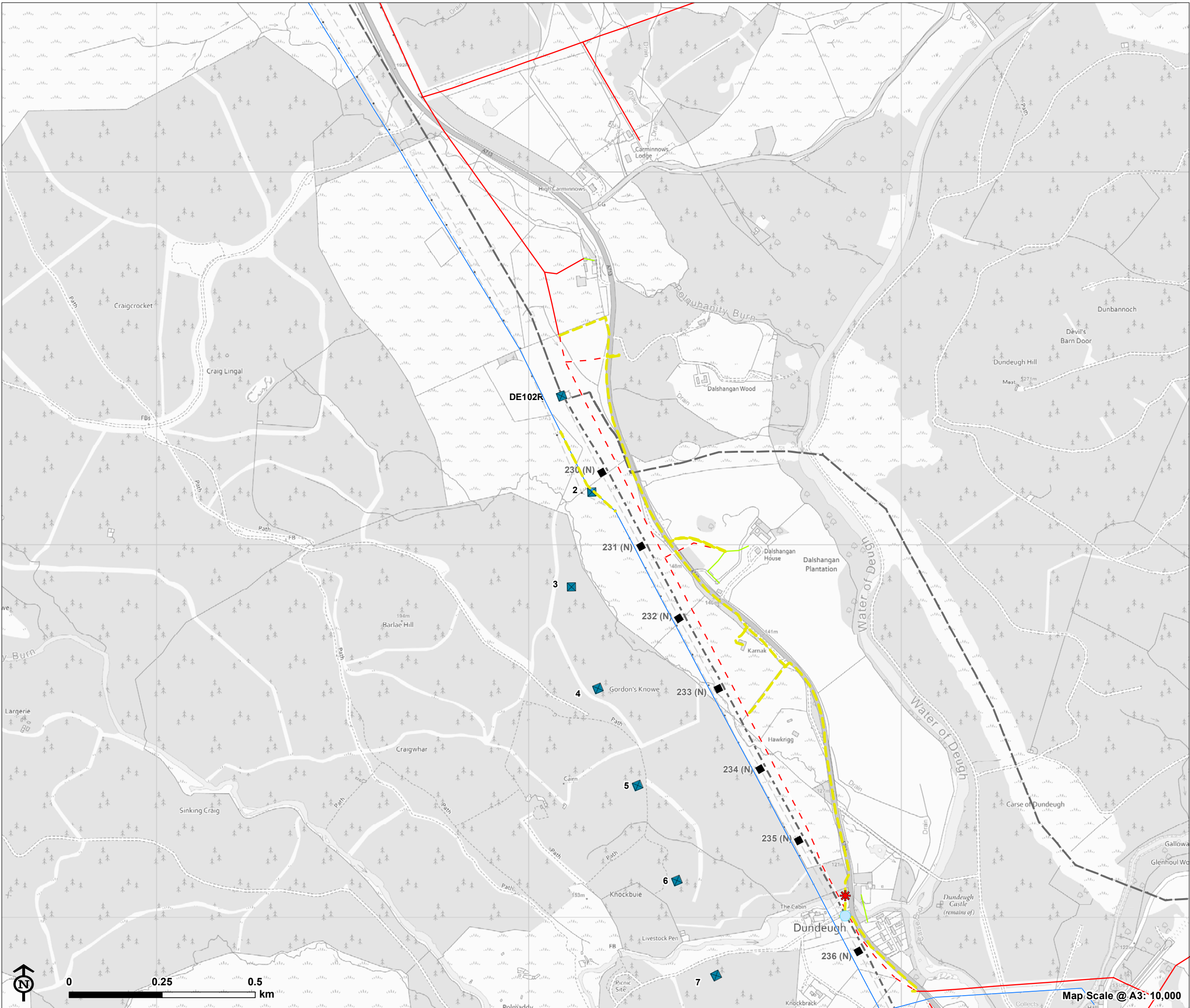
- Existing equipment to be retained
- New equipment to be installed
- Existing equipment to be removed



KTR Project
EIA Report

Figure 4.12.1: Undergrounding of Existing 11kV OHL

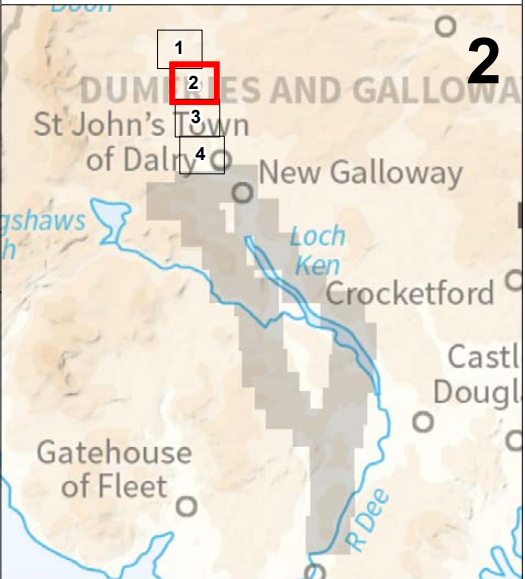
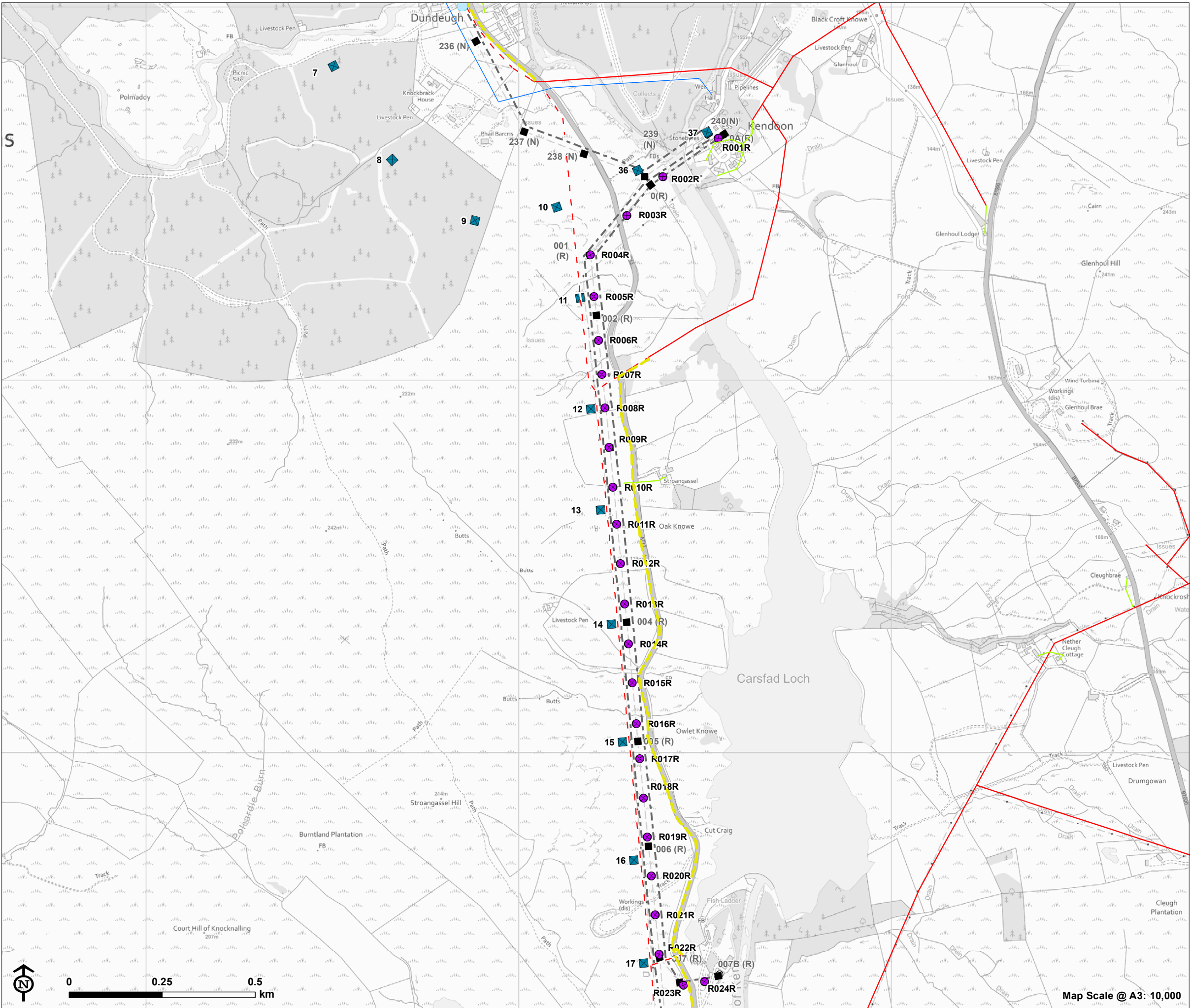
- Overhead line infrastructure - transmission network**
- Polquhanity to Glenlee via Kendoon (steel lattice tower)
 - Existing tower for removal
 - Existing 132kV overhead line to be removed (following construction of the KTR Project)
 - Existing transmission network
- Distribution network**
- Existing 11kV OHL
 - Existing 11kV OHL (owned by DRAX)
 - Existing 230V OHL
 - Existing LV/11kV OHL to be removed
 - Proposed 11kV UGC
 - Proposed Directional Drilling Location
 - Proposed Switching Station



KTR Project
EIA Report

Figure 4.12.2: Undergrounding of Existing 11kV OHL

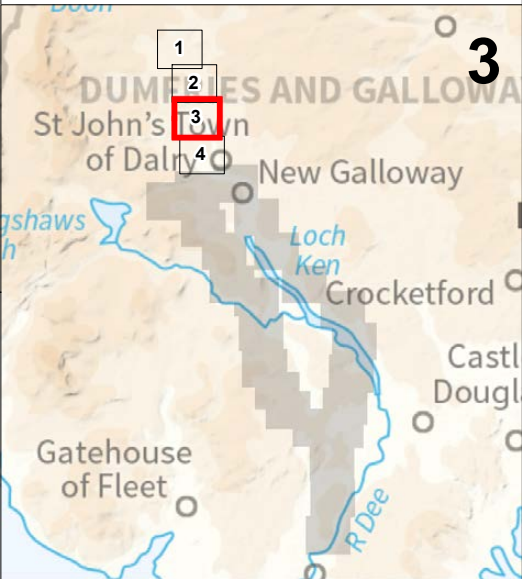
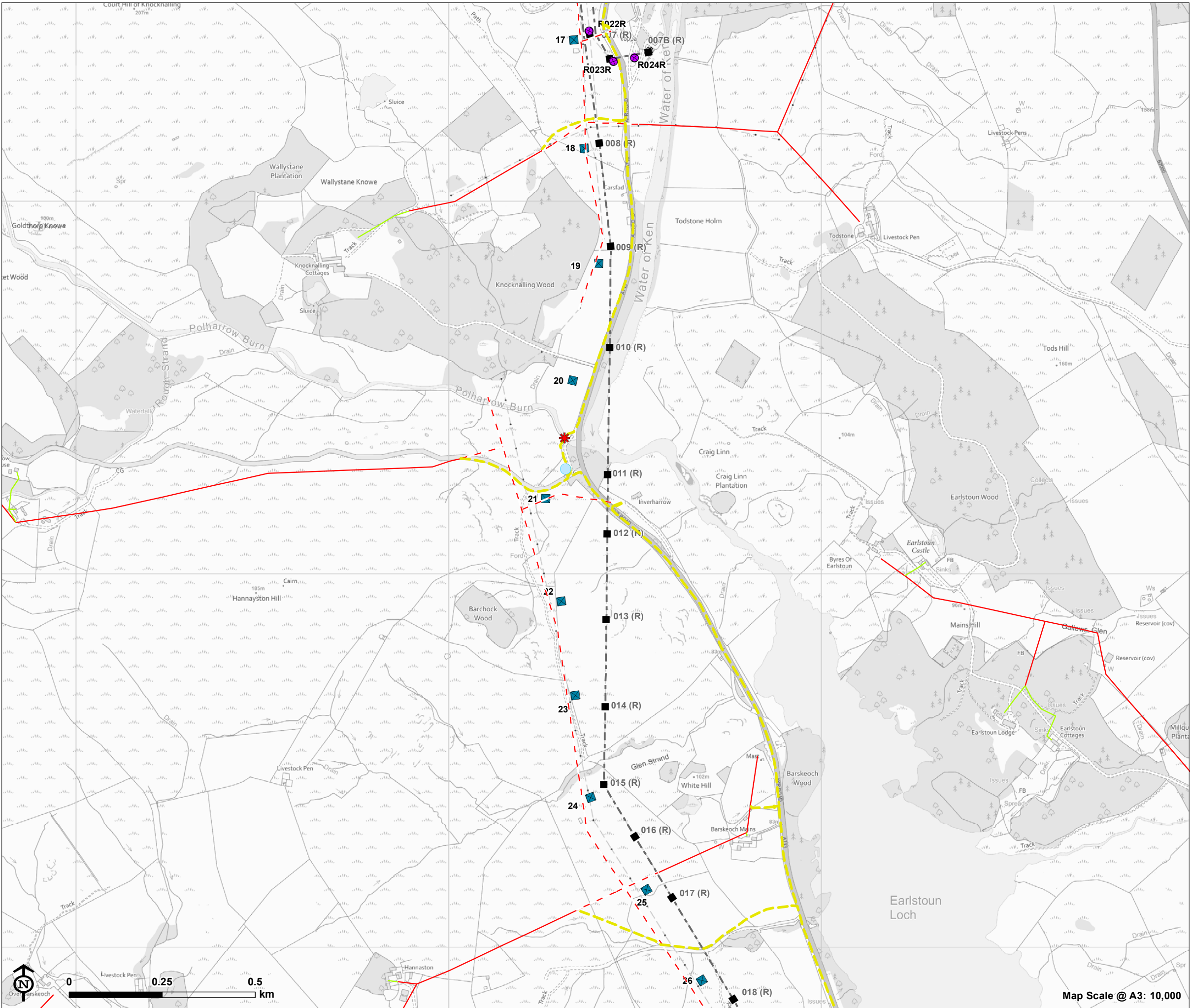
- Overhead line infrastructure - transmission network**
- Polquhanity to Glenlee via Kendoon (steel lattice tower)
 - Carsfad to Kendoon (wood pole)
 - Gantry
 - Existing tower for removal
 - Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Distribution network**
- Existing 11kV OHL
 - Existing 11kV OHL (owned by DRAX)
 - Existing 230V OHL
 - Existing LV/11kV OHL to be removed
 - Proposed 11kV UGC
 - Proposed Switching Station



KTR Project
EIA Report

Figure 4.12.3: Undergrounding of Existing 11kV OHL

- Overhead line infrastructure - transmission network**
- Polquhanity to Glenlee via Kendoon (steel lattice tower)
 - Carsfad to Kendoon (wood pole)
 - Gantry
 - Existing tower for removal
 - Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Distribution network**
- Existing 11kV OHL
 - Existing 230V OHL
 - Existing LV/11kV OHL to be removed
 - Proposed 11kV UGC
 - Proposed Directional Drilling Location
 - Proposed Switching Station



- Polquhanity to Glenlee via Kendoon (steel lattice tower)
- Earlstoun to Glenlee (wood pole)
- Earlstoun to Glenlee (temporary wood pole)
- Glenlee to Tongland (steel lattice tower)
- BG route deviation (steel lattice tower)
- Gantry
- Existing tower for removal
- Existing 132kV overhead line to be removed (following construction of the KTR Project)

- Existing 11kV OHL
- Existing 230V OHL
- - - Existing LV/11kV OHL to be removed
- Proposed 11kV UGC
- ✱ Proposed Directional Drilling Location
- Proposed Switching Station

