



**Note**  
 10m buffer has been applied to the Kilbarry-Knockraha No. 2 110 kV transmission line for the purposes of this Section 5 Declaration of Exempted Development

- End Mast Tower (12.5m - 14m height): End masts are steel lattice towers. They are designed to take the tension of the line in only one direction
- Double Current (DC) Intermediate Mast Tower (22.1m-32.1m height): Double circuit intermediate towers are steel lattice suspension towers which are designed to ensure clearances are maintained on two circuits
- Double Current (DC) Angle Mast Tower: (22m-27m height): Double circuit angle masts are steel lattice tower constructions. They are designed to support directional change and also maintain the required clearances for two circuits.
- Angle Mast Tower (12.5m-14m height): Single circuit angle masts are steel lattice tower constructions. They are designed to support directional change
- Strain Intermediate (INT) Tower (11m-24m height): A strain intermediate tower is a steel lattice tower. They are designed to take the tension of the line in only one direction
- Portal Intermediate Poleset (IMP) (Wooden) (11m-22m height): At 110 kV, these consist of two wooden poles (portal), treated with creosote, with a steel cross arm. The insulators and conductors are supported via this cross arm

**Drawing Legend**

	Application Boundary
	Cork City Council Administrative Area
	Knockraha - Kilbarry 110 kV line/ 110 kV Conductor
	110 kV Structures
	Civil works to foundations (and other specified maintenance works)



**Infrastructure Site Plans**  
**Sheet 10 of 10**

PROJECT TITLE:  
**Kilbarry-Knockraha Line Refurbishment**

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