



CI.804 compacted in layers finished with screenings

Yellow Marker Warning Tape 500mm Wide ESBN Approved Material Only

Backfill with selected backfill material compacted, (Max grain size 75mm) in layers of 150mm to avoid residual consolidation and to improve thermal properties

1 x Red Cable Marker Strip 400mm Wide x 2.5mm ESBN Approved Material Only

12mm Diameter Pull Ropes in All Ducts.

1 x Red Cable Marker Strip 400mm Wide x 2.5mm ESBN Approved Material Only

Ducts laid in CBGM B (CL 822), Full tests required. Compacted to Cl. 813.10 of tii specification for roadworks (15n/mm<sup>2</sup> after 7 days)

12mm Diameter Pull Ropes in All Ducts.

### Typical Section Through Off Road Sections

SCALE 1:10

A = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6  
 B = 160mm : Outer Diameter HDPE ESB Approved Duct, SDR=21

**NOTES:**

- This design is subject to EirGrid design approval.
- This drawing is to be read in conjunction with all other relevant documentation.
- Dimensions are in millimeters, unless noted otherwise.
- Drawings are not to be scaled use figured dimensions only.



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CLIENT



PROJECT

Castlebanny Wind Farm  
 110kV Grid Connection

PROJECT NUMBER  
 05-699

SHEET NUMBER  
 05699-DR-108

SHEET TITLE

Typical Double Circuit 110kV Ducting  
 through Forestry Road

DRAWING STATUS  
 For Planning

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P02	16.12.20	Issued for Planning
P01	02.12.20	Issued for Planning
P00	08.09.20	Issued for Information