



CI.804 compacted in layers finished with screenings

Finished Surface Road Level

Existing Ground Build Up

Yellow Marker Warning Tape 500mm Wide ESBN Approved Material Only

Backfill with compacted excavated material in layers of 150mm to avoid residual consolidation and to improve thermal properties

Red Cable Marker Strips linked to 6mm ESBN Approved Galvanized Steel Plates (25mm gap between plates)

Earth Continuity Conductor Duct

2 No. 125mm Outer Diameter HDPE Comms Ducts. ESBN Approved Material Only.

Red Cable Marker Strip 2.5mm Thk, Min Width to Extent of 125mm Ducts

Ducts Laid in C25/30 Concrete

3 No. 125mm Outer Diameter HDPE Ducts. ESBN Approved Material Only.

12mm Diameter Pull Ropes in all ducts.

WARNING TAPE

300 Max

750 Min

950 Min

1250

150 106 106 150

A B A

75

A A A

65

825

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

B = 63mm: ECC Earth Continuity Conductor [ESB Code: 9317552]

## 110kV Ducting Through Access Road

SCALE 1:10

**ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LANDOWNERS REQUIREMENTS**

**Note:**

- This design is subject to EirGrid/ESB design approval and should not be for construction.
- Dimensions are in millimeters, unless noted otherwise.
- Drawings are not to be scaled use figured dimensions only.
- A minimum separation distance of 300mm from standard services will be maintained at all times.

CLIENT

PROJECT

SHEET TITLE

ISSUE/REVISION



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Dyrick Hill Wind Farm  
110kV Grid Connection

110kV Ducting through  
Access Road - With ECC

PROJECT NUMBER  
05-829

SHEET NUMBER  
05829-DR-156

DRAWING STATUS  
For Planning

I/R	DATE	DESCRIPTION
P1	28.11.22	Issued For Planning
P0	16.09.22	Issued For Planning