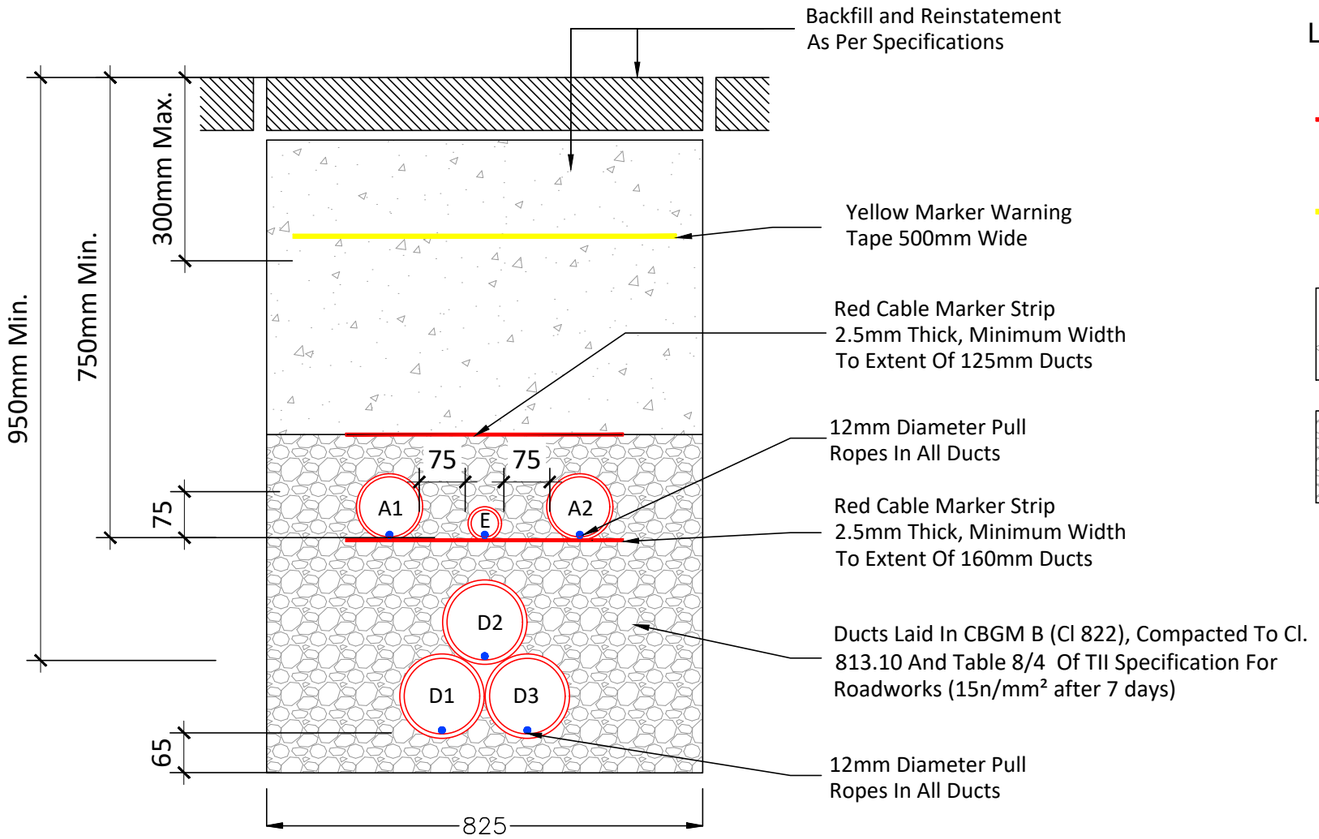

A=125mm O.D. HDPE ESB APPROVED DUCT, SDR=17.6
D=160mm O.D. HDPE ESB APPROVED DUCT, SDR=21
E*=MIN 63mm O.D. HDPE ESB APPROVED DUCT, SDR=17.6
*DUCT TO BE USED FOR EARTH CONTINUITY CONDUCTOR
ALL DIMENSIONS IN MILLIMETERS

Trench Cross Section For 160mm Power Ducts In Trefoil Formation With Earth Continuity Conductor

Scale. 1:10 (A3)

LEGEND:

- Red Cable Marker Strip
- Yellow Marker Warning Tape 500mm Wide
- Ducts Laid In CBGM B (Cl 822), Compacted To Cl. 813.10
- Backfill, Compacted (Cl. 804)

Notes:

1. A surface cable marker (metallic plate; 300mm x150mm to ESB standard) will be placed on the bridge where cable depth is unavoidably shallow.
2. Requirements of Road Engineer will be facilitated at detailed design stage

rev.	modifications	by	chk	date

Client
Constant Energy Limited

Project
Proposed Tirawley Wind Farm &
110kV Grid Connection Route

Stage
Planning

Title
Grid Connection Route:
Trench Cross Section For 160mm
Power Ducts Trefoil Formation
With Earth Continuity Duct
in Public Roads

Scales
1:10 (A3)

Surveyed	Drawn	Checked	Approved	Date
	LB	DT/MG	DK	April 2026

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FINISKLIN
SLIGO
IRELAND
Tel (+353) 719 161 416
Email. info@jodireland.com
www.jodireland.com

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Revision