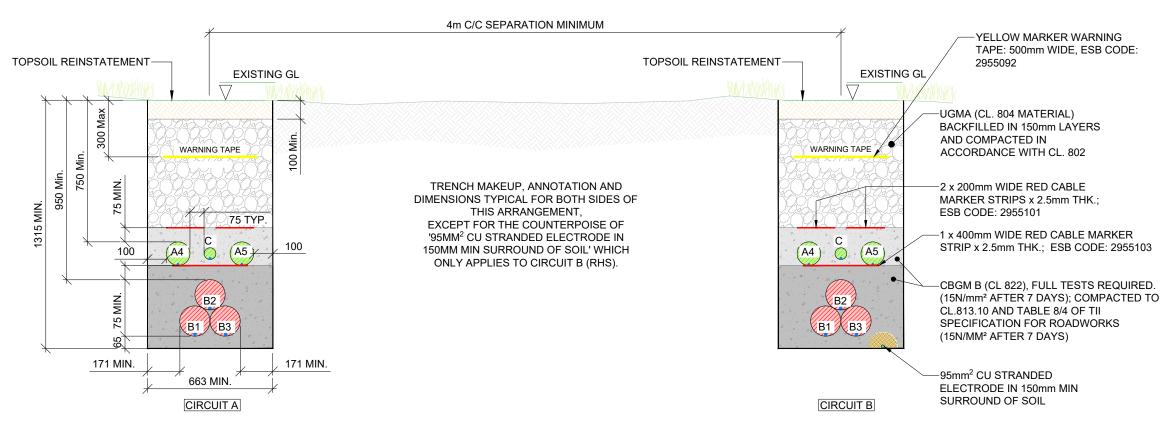
## **NOTE HEALTH & SAFETY**

TEMPORARY WORKS DESIGN CERTIFICATE REQUIREMENTS FOR CABLE ROLLTE:

ALL TEMPORARY WORKS ARE THE RESPONSIBILITY OF THE CONTRACTOR. HE SHALL PROCURE A TWDC AS REQUIRED BASED ON HIS PROPOSED WORKS METHODOLOGY. ON THE ASSUMPTION THAT BATTERING OF EXCAVATIONS WILL NOT OCCUR THEN A TWDC WILL BE REQUIRED FOR ALL TRENCH EXCAVATIONS. TWDCS WILL ALSO BE REQUIRED FOR THE USE OF TRENCH BOXES.

## NOTES:

- 1. MARKER POSTS AS PER ESB NETWORKS SPECIFICATIONS TO BE PLACES AT EVERY WATER COURSE / CABLE CROSSINGS.
- 2. TEMPLATES ARE TO BE USED TO MAINTAIN STANDARD TRENCH ARRANGEMENT WHEN LAYING THE DUCTS. 2 TEMPLATES TO BE USED EVERY 6m.
- 3. A MINIMUM CLEARANCE OF 300mm FROM OUTERMOST POWER DUCT EDGE TO OTHER NORMAL SERVICE SHALL BE STRICTLY OBSERVED. A CLEARANCE OF 600mm FROM OUTER MOST POWER DUCT EDGE TO TRANSMISSION HIGH PRESSURE INFRASTRUCTURE SERVICES SHALL BE OBSERVED.
- 4. ENSURE THAT THERE IS A MINIMUM HORIZONTAL DISTANCE OF 500mm FROM THE EDGE OF THE CABLE TRENCH TO BOTTOM OF AN EXISTING EMBANKMENT.
- 5. ENSURE THAT THERE IS A MINIMUM HORIZONTAL DISTANCE OF 1000mm FROM THE EDGE OF THE CABLE TRENCH TO THE EDGE OF AN EXISTING ROADSIDE DRAIN.



A = 125mm OUTER DIAMETER HDPE ESB APROVED DUCT WITH 12mm DIAMETER PULL ROPES, SDR = 17.6, ESB CODE: 9317553 B = 160mm OUTER DIAMETER HDPE ESB APROVED DUCT WITH 12mm DIAMETER PULL ROPES, SDR = 21, ESB CODE: 9317709 C = 63mm OUTER DIAMETER HDPE ESB APROVED DUCT WITH 12mm DIAMETER PULL ROPES

TYPICAL DOUBLE 110kV CIRCUIT, TREFOIL ARRANGEMENT IN OPEN GROUND DETAIL

**SCALE 1:20** 

P03	05.06.2025	ISSUED FOR INFORMATION	S.R.	I.B.
P02	03.09.2024	ISSUED FOR INFORMATION	S.S.	I.B.
P01	16.05.2024	ISSUED FOR INFORMATION	D.C.	I.B.
REV	DATE	DESCRIPTION	BY	APP
CLIEN	IT			

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ENGINEERING AND ENVIRONMENTAL CONSULTANTS	
CORK TRALEE LONDON LIMERICK	
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PROJEC	ст:
	DREHID SUBSTATION
TITLE:	DOUBLE 110kV CIRCUIT, TREFOIL DUCTS ARRANGEMENT

IN SECTION FOR OPEN GROUND

DRAWN:	CHECKED: APPRO		ED:	
S.M.	D.C.	I.B.		
PROJECT NUMBER:	DATE:	SCALE @ A3:		
23727	MAY 2024	1:20		
STATUS DESCRIPTION			STATUS:	
FOF		S2		
DD AMENIO AND MADED			DEM	

DRAWING NUMBER:	REV:
23727 - MWP -GR- 00 -DR-C- 2420	P02