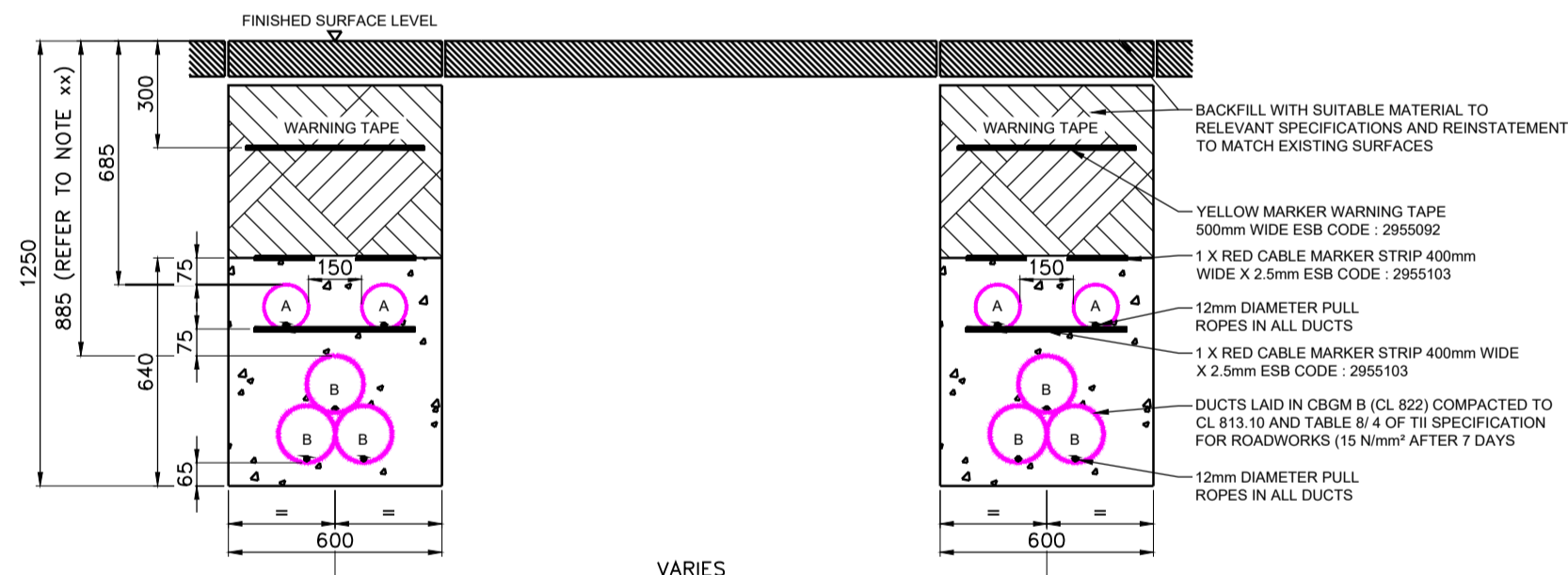


PLAN - PROPOSED 110kV GRID ROUTE

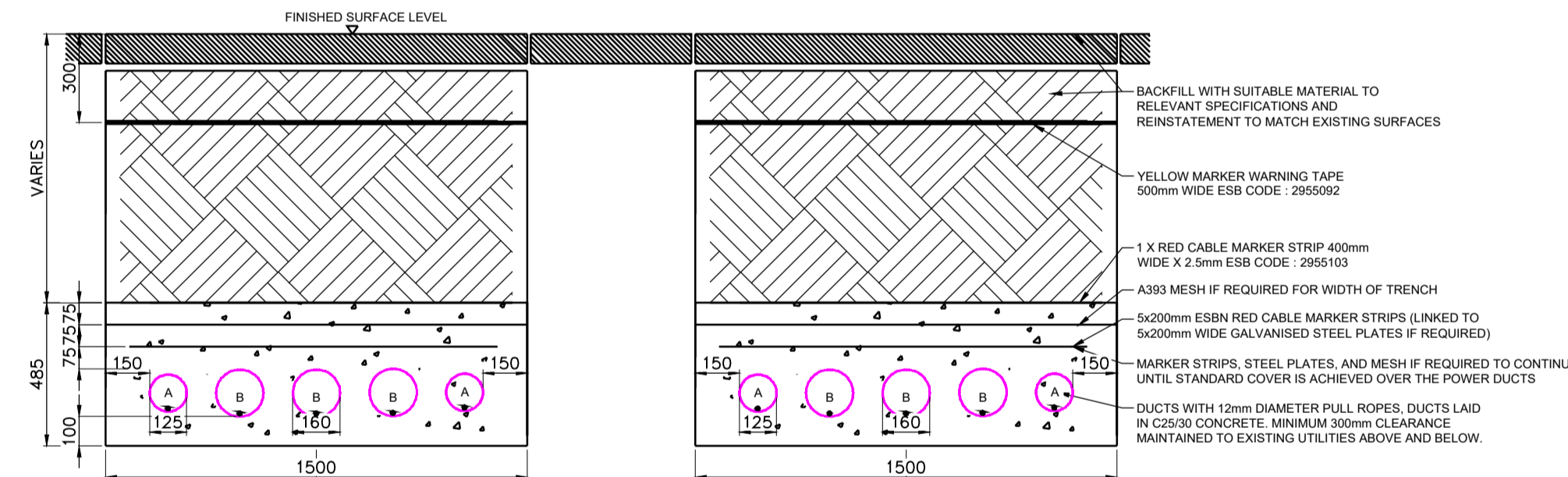
SCALE 1:500 @ A1



A = 125mm OUTER DIAMETER HOPE ESB APPROVED DUCT, SDR=17.8 ESB CODE: 9317552  
B = 160mm OUTER DIAMETER HOPE ESB APPROVED DUCT, SDR=17.8 ESB CODE: 9317560

SECTION A-A: TYPICAL 110kV TREFOIL TRENCH DETAIL

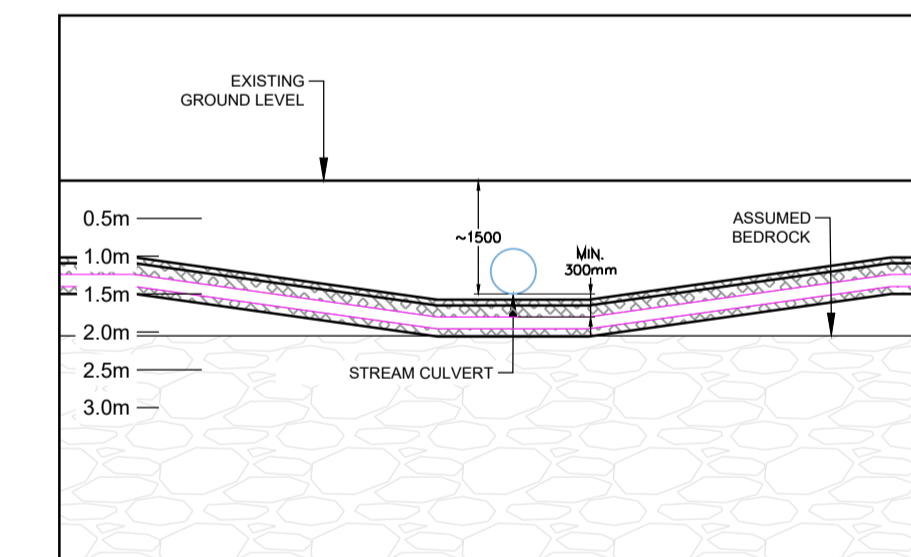
SCALE 1:20 @ A1



A = 125mm OUTER DIAMETER HOPE ESB APPROVED DUCT, SDR=17.8 ESB CODE: 9317552  
B = 160mm OUTER DIAMETER HOPE ESB APPROVED DUCT, SDR=17.8 ESB CODE: 9317560

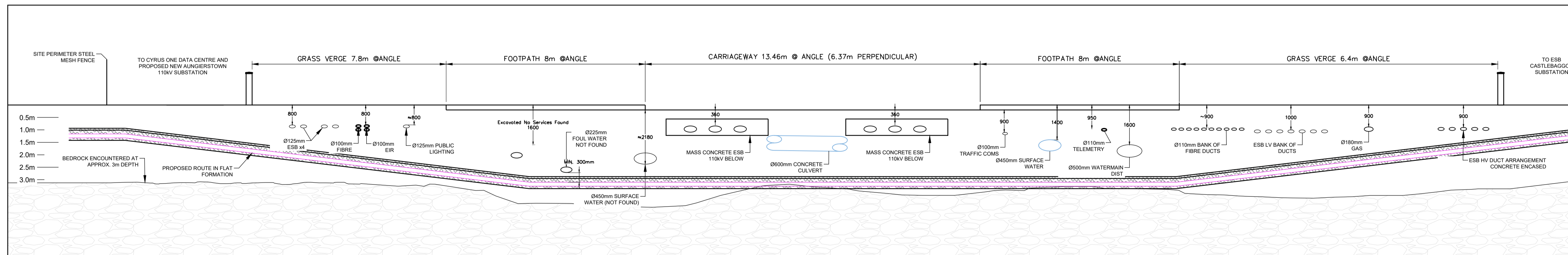
SECTION B-B: TYPICAL 110kV FLAT FORMATION TRENCH DETAIL

SCALE 1:20 @ A1



SECTION C-C: PROPOSED 110kV SECTION UNDER STREAM CULVERT

SCALE 1:100 @ A1



SECTION D-D: PROPOSED 110kV LONG SECTION UNDER CARRIAGEWAY

SCALE 1:100 @ A1

KEY PLAN

NOTES / LEGEND

GENERAL NOTES

- ROUTE SHOWN IS INDICATIVE ONLY AND IS SUBJECT TO FULL ELECTRICAL RATING/DERATING DESIGNS AND EIRGRID REVIEW AND APPROVAL
- UTILITY CAD INFORMATION PROVIDED FROM CLIENT TO KIRBY SHOWN ON THIS LAYOUT DRAWING.
- FURTHER REVIEW AND ACCEPTANCE REQUIRED FROM LANDOWNERS, EIRGRID AND ESB TO CONFIRM SUITABILITY OF ROUTE
- ROUTE SHOWN IS SUBJECT TO FURTHER REVIEW AND ASSESSMENT TO CONFIRM METHOD OF CONSTRUCTION

READ IN CONJUNCTION WITH THE FOLLOWING DRAWING'S AND DOCUMENTS

Doc.No.	Title

DRAWING STATUS

**ISSUED FOR PLANNING**

REV	DESCRIPTION	DATE	BY	CHKD
G	ISSUED FOR PLANNING	18.12.2020	EOK	SH
F	ISSUED FOR PLANNING	17.12.2020	EOK	SH
E	FOR DISCUSSION	17.12.2020	EOK	SH
D	FOR DISCUSSION	20.11.2020	EOK	SH
C	FOR DISCUSSION	10.09.2020	EOK	*
B	FOR DISCUSSION	02.09.2020	EOK	*
A	FOR DISCUSSION	14.08.2020	EOK	*

PROJECT

CYRUS ONE / STRUCTURE TONE  
AUNGIERSTOWN 110kV GRID CONNECTION  
GRANGE CASTLE BUSINESS PARK SOUTH

TITLE

PROPOSED GRID CONNECTION ROUTE  
PLAN & TYPICAL SECTIONS

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DRN: EOK	CKD: SH	JOB NO: P1278	DWG NO: KG-P1278-CD004
DATE: 18.12.2020	REV NO: G	SCALE: AS NOTED	A1