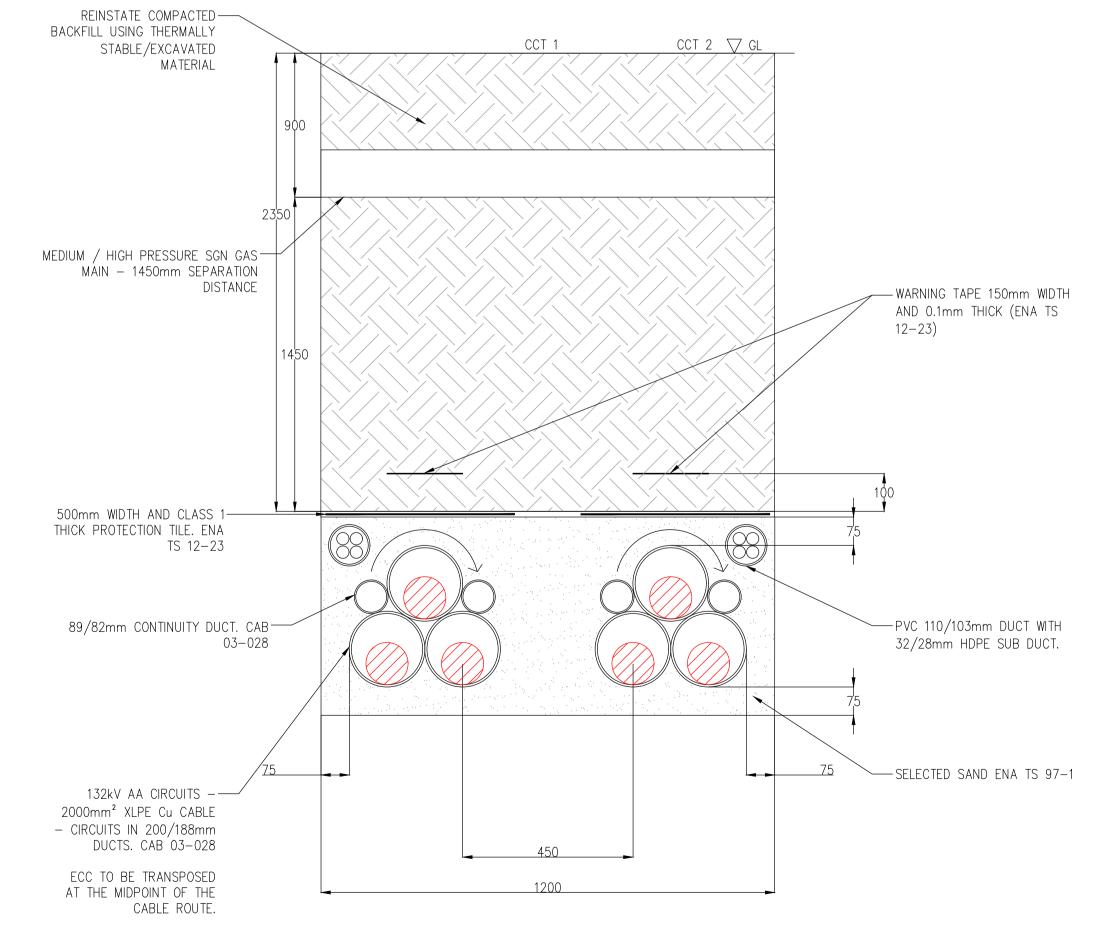


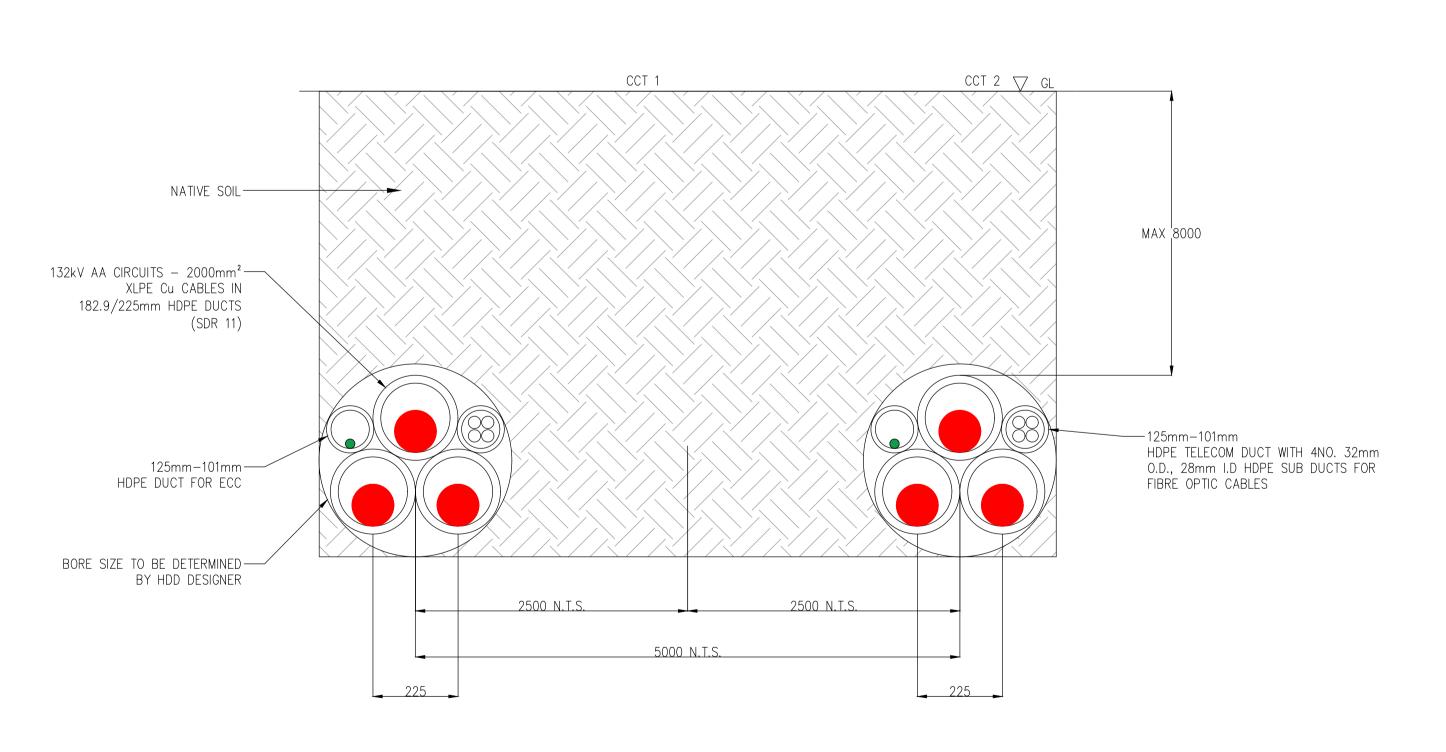
TYPICAL CROSS SECTION (A) — CABLE INSTALLED IN DUCTS IN TREFOIL FOR ROAD CROSSING



TYPICAL CROSS SECTION (C) — CABLE INSTALLED IN DUCTS IN TREFOIL MAX DEPTH FOR 90° MP / HP GAS CROSSING

REINSTATE COMPACTED -BACKFILL USING THERMALLY CCT 1 STABLE/EXCAVATED MATERIAL - WARNING TAPE 150mm WIDTH AND 0.1mm THICK (ENA 12-23) 500mm WIDTH AND CLASS 1-THICK PROTECTION TILE. ENA TS 12-23 -PVC 110/103mm DUCT WITH 32/28mm HDPE SÚB DUCT. 89/82mm CONTINUITY DUCT. CAB 03-028 SELECTED SAND ENA TS 97-1 132kV AA CIRCUITS — 75 2000mm² XLPE Cu CABLE - CIRCUITS IN 200/188mm DUCTS. CAB 03-028 ECC TO BE TRANSPOSED AT THE MIDPOINT OF THE CABLE ROUTE.

TYPICAL CROSS SECTION (B) — CABLE INSTALLED IN DUCTS IN TREFOIL ACROSS AGRICULTURAL LAND



TYPICAL CROSS SECTION (D) — CABLE INSTALLED IN DUCTS IN TREFOIL IN HDD CROSSING THE WATER COURSE

Health & Safety CDM regulations 2015

Significant risks associated with this drawing are identified below and, where applicable, at specific locations on the drawing.

REFER TO THE CDM REGULATION 9 RISK REGISTER

- WARNING! AS SITE WORKS PROGRESS, ADDITIONAL
 SERVICES MAY BE IDENTIFIED THAT ARE NOT SHOWN ON
 THESE DRAWINGS. HSG47 SHALL BE TAKEN AS GUIDANCE
 FOR AVOIDING DANGER FROM UNDERGROUND SERVICES.

 THE CONTRACTOR SHALL PRODUCE AND FOLLOW AT ALL
 STAGES OF CONSTRUCTION CLEAR METHOD
- STATEMENTS AND RISK ASSESSMENTS WHICH SHALL INCLUDE MEASURES FOR CONTROLLING IMPRESSED VOLTAGES. FOR ANY CHANGES TO THE ROUTE, THE HV CABLE DESIGNER SHALL BE CONSULTED.

 3. WORKS IN CLOSE PROXIMITY TO EXISTING OHL SHALL FOLLOW HSE GUIDANCE NOTE GS6. IF THE OHL CANNOT
- 3. WORKS IN CLOSE PROXIMITY TO EXISTING OHL SHALL FOLLOW HSE GUIDANCE NOTE GS6. IF THE OHL CANNOT BE DIVERTED, UNDERGROUNDED OR SWITCHED OFF, RISKS MUST BE MANAGED TO MAINTAIN SAFE CLEARANCE DISTANCES.

REFERENCES

- 22119-BHK-AA-UGC-RP-C-000100 AA ROUTE FEASIBILITY
- REPORT (DIP 1 AND DIP 2)

 22119-BHK-AA-UGC-D-C-000201 AA DIP NO.1- CABLE ROUTE
- 22119-BHK-AA-UGC-D-C-000301 AA DIP NO.2 CABLE ROUTE

LAYOUT •

GENERAL NOTES

SECTION A.

- 1. THIS DRAWING IS FOR FEASIBILITY PURPOSES ONLY.
- ALL UNITS ARE IN MILIMETRES UNLESS OTHERWISE STATED.
 THE METHODOLOGY FOR CROSSING OF THE ROAD WILL BE DECIDED BY SPEN AS THIS COULD BE BY HDD AS SHOWN IN CROSS SECTION E, OR BY OPEN CUT AS SHOWN IN CROSS
- 3. THE INFORMATION PROVIDED IS TO BE TAKEN AS A GENERAL GUIDE AND THE ACCURACY CANNOT BE GUARANTEED. THE ACTUAL POSITION OF SERVICES MUST BE VERIFIED AND ESTABLISHED ON SITE BEFORE ANY MECHANICAL EXCAVATION TAKES PLACE.

MATERIAL SPECIFICATION

- 1. INSTALLATION OF HV CABLE SYSTEM SHALL BE IN ACCORDANCE WITH CAB-15-004 AND CAB-03-28.
- 2. BACKFILL MATERIALS SHALL BE IN ACCORDANCE WITH ENA TS 97-1.

