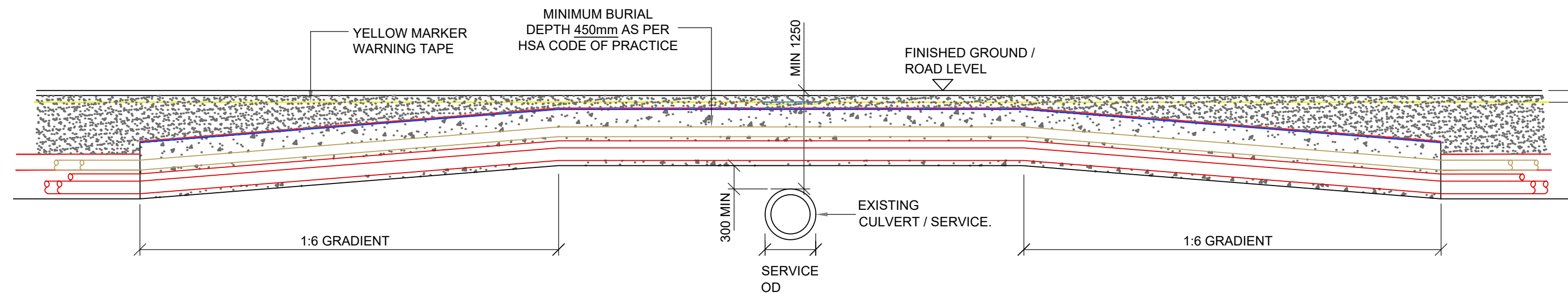
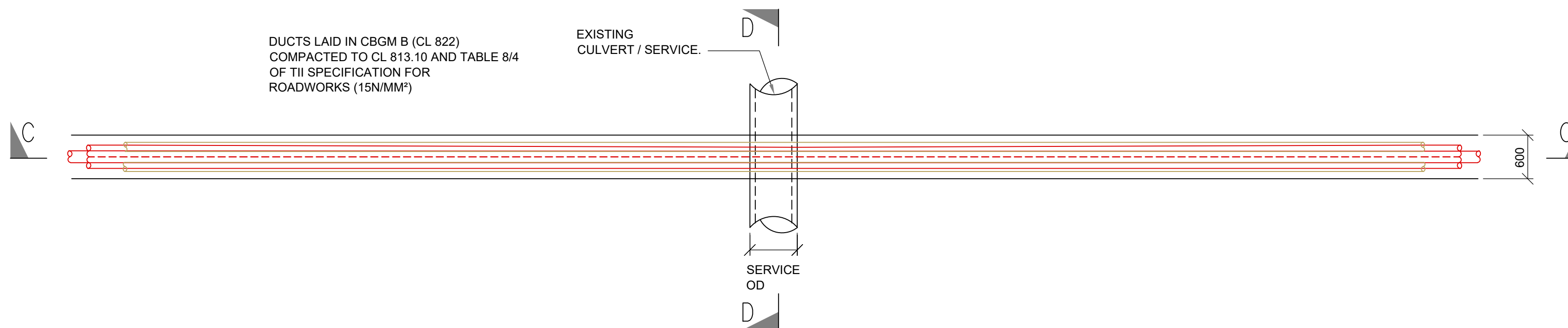


POI	DATE	DESCRIPTION
	25.01.22	Issued for Planning
F01	11.01.22	Issued for Information
F00	18.11.21	Issued for Information
I/R	DATE	DESCRIPTION

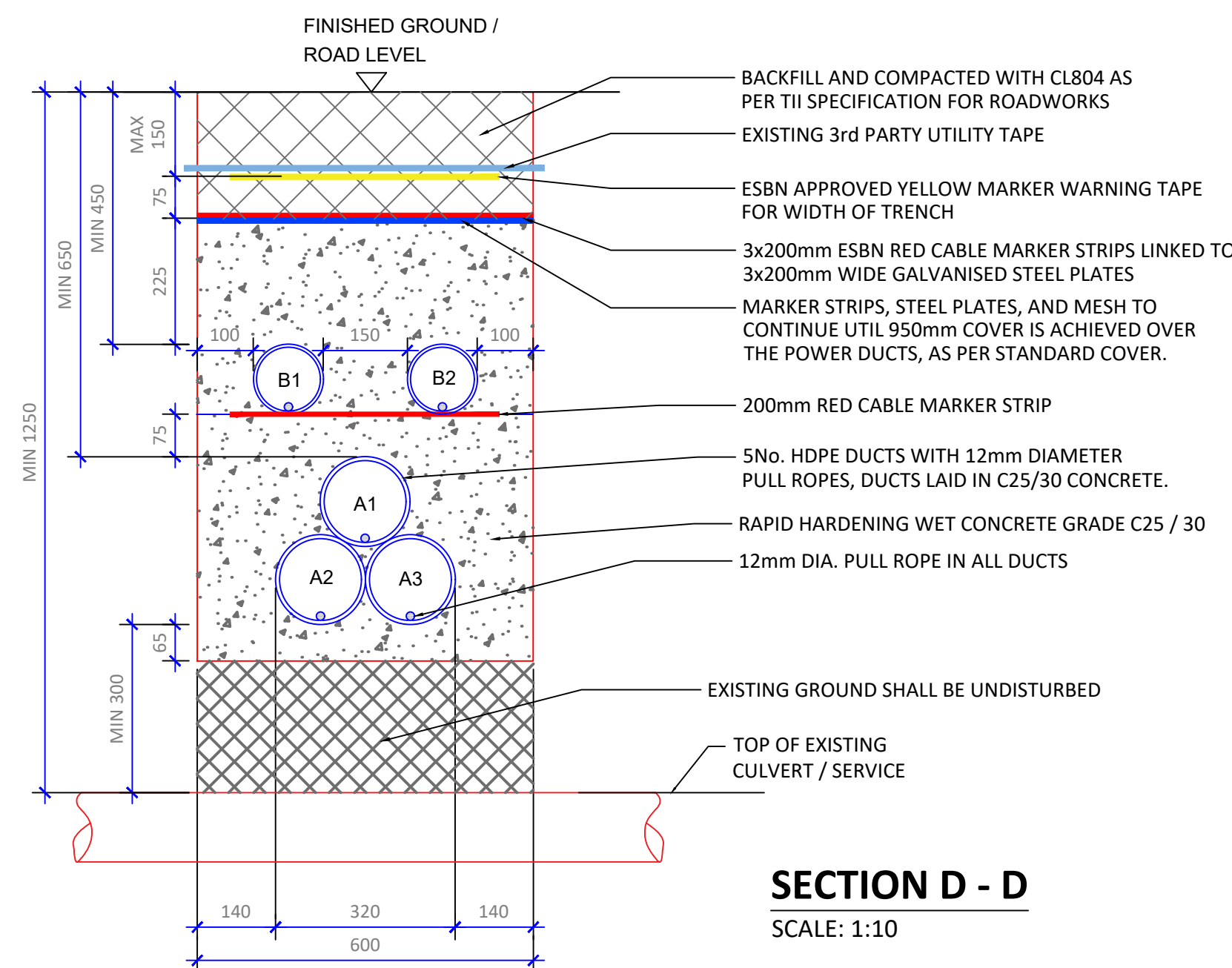


**SECTION C-C**  
SCALE 1:50



**PLAN VIEW**  
SCALE 1:50

**SERVICE OVERCROSSING**



**SECTION D - D**  
SCALE: 1:10

A = 160mm OUTER DIAMETER HDPE ESB APPROVED POWER DUCT, SDR= 21  
B = 125mm OUTER DIAMETER HDPE ESB APPROVED COMMS DUCT, SDR=17.6

**LEGEND**

- 160mm Ø HDPE POWER DUCT WITH 12mm DIAMETER PULL ROPE
- 125mm Ø HDPE COMMUNICATION DUCT WITH 12mm DIAMETER PULL ROPE
- RED MARKER STRIP OR STEEL PLATES
- YELLOW MARKER WARNING TAPE
- A393 STEEL REINFORCENET MESH
- 6mm GALVANISED STEEL PLATE
- EXISTING SERVICE TAPE

**GENERAL NOTES**

- This design is subject to prior EirGrid approval and should be used for planning purposes only.
- This drawing is to be read in conjunction with all other relevant documentation.
- Do not scale from this drawing use only printed dimensions
- All dimensions are in millimetres, all chainages, levels and co-ordinates are in metres unless defined otherwise.
- No excavation shall commence until the Contractor has consulted up to date services drawings and carried out an Electromagnetic Locator (EML) Scan.
- Hand dig only within 500mm of existing services.
- If compacting CBGM B could cause damage to the culvert / service below, use rapid hardening cement grade C25/30 following engineers prior approval.
- For standard trench cross section drawings and minimum horizontal separation to existing services, see 05652-DR-009 (TREFOIL).
- Where depths exceed 2500mm to the top of duct the contractor shall consult the cable system design engineer for phase spacing requirements.
- Backfill as per guidelines for the opening, backfilling and reinstatement of openings in public roads (2017).
- EirGrid's preference is to cross under existing services where possible. This design may only be applied with confirmation in writing from the Engineer on a case by case basis.
- The Contractor is responsible for the design and construction of all temporary works. The Contractor shall appoint a temporary works designer, and submit temporary works design to PSDP for review.
- 225 mm minimum concrete over ducts where they transition from standard cross section and where they are at less than standard cover to ground level.
- Roads with existing deep asphalt require a minimum 225 mm from the underside of the existing asphalt to the top of the cable duct.
- The owner of the existing utility being crossed must be consulted in advance of works commencing as per their guidelines.