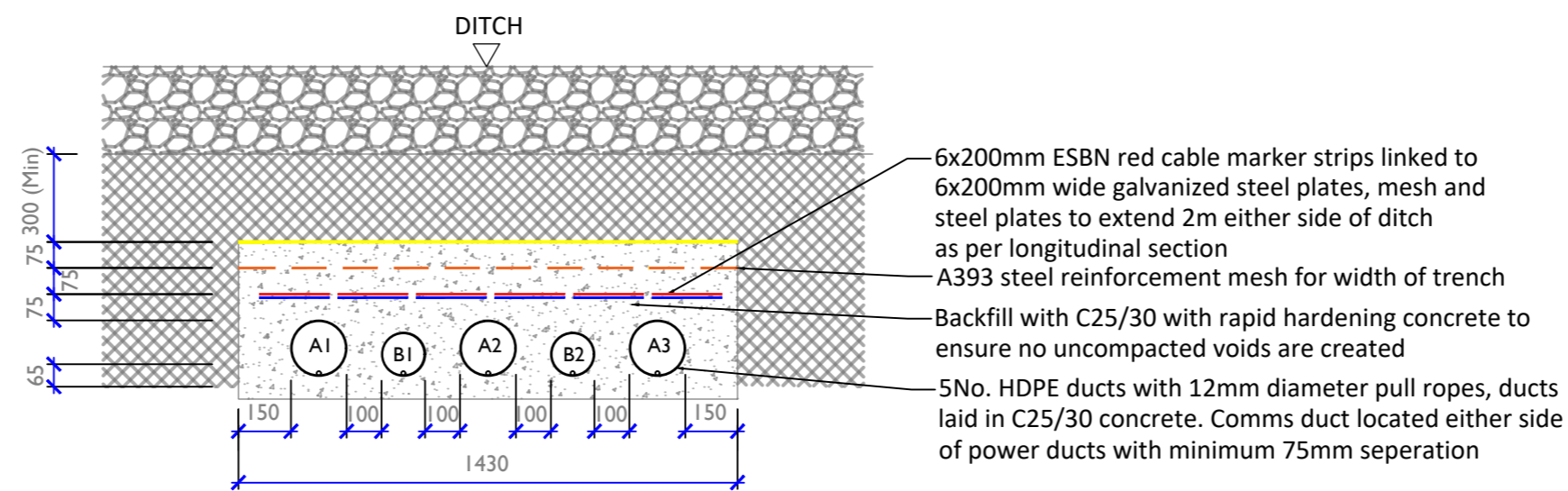


- NOTES:**
- This design is subject to prior EirGrid approval and should be used for planning purposes only.
 - This drawing should be read with all other relevant documentation.
 - Do not scale from this drawing, use printed dimensions only.
 - All dimensions are in millimeters unless stated otherwise.
 - No excavations shall commence until the Contractor has consulted up to date services drawings and carried out an EML scan onsite to confirm services.
 - Hand dig only within 500mm of existing services.
 - For standard trench cross sections see 05843-DR-009.
 - Where depths exceed 2500mm to the top of duct, the Contractor shall consult the design engineer.
 - All products and materials to be utilised during construction to comply with EirGrid functional specification, ESN standards, TII specification for road works and all relevant Irish (European) standards.
 - Steel plates must cover ducts. No overlap is required however standard dimensions may result in an overlap. Spacing of 10mm to be maintained between steel plates to prevent the transfer of stray current.
 - Minimum clearance between cable trench concrete and ditch to be agreed with relevant authority. In any case, no less than 300mm.
 - Standard ESB marker posts to be installed at either side of ditch crossing.

LEGEND:

- Red marker strip
- Yellow marker warning tape
- A393 steel reinforcement mesh
- 6mm galvanized steel plate
- Rapid hardening wet concrete C25/30
- CBGM B (CL. 822), compacted to CL. 813.10
- Existing ground
- Reinstated ditch



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

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P00	25.01.22	Issued for Planning
F01	11.01.22	Issued for Information
F00	18.11.21	Issued for Information

PROJECT NUMBER

05-843

SHEET TITLE

Trench Crossing Detail
 Ditch / Watercourse

SHEET NUMBER

05843-DR-016