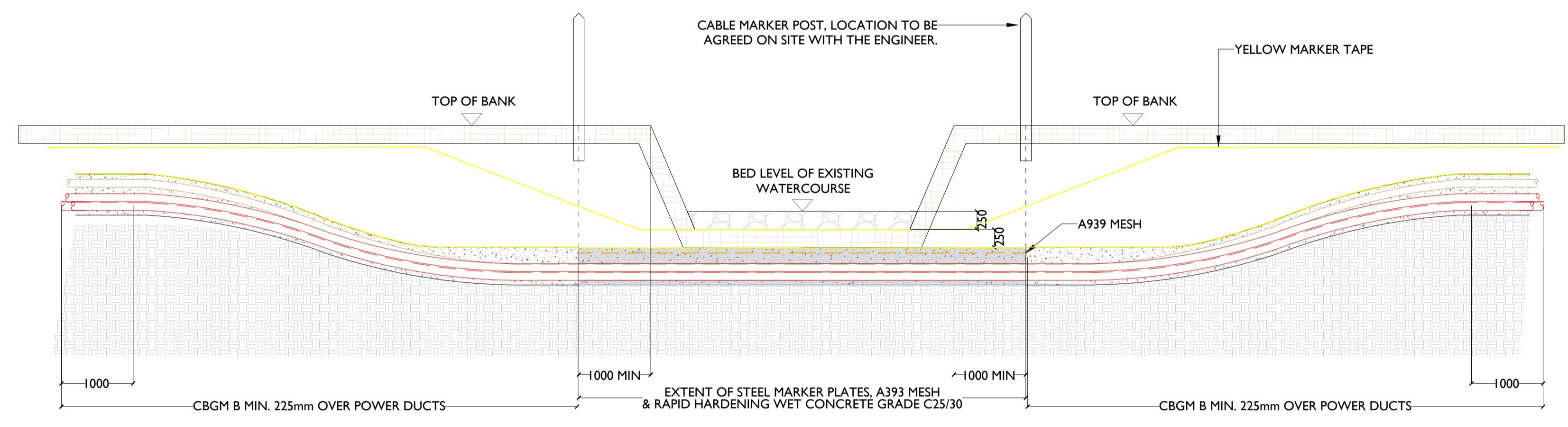


- DRAWING NOTES:**
- No excavation shall commence until the contractor has consulted up to date services drawings and carried out an electromagnetic locator (eml) scan.
  - Hand dig only within 500mm of existing services.
  - The contractor is responsible for the design and construction of all temporary works, the contractor shall appoint a competent temporary works designer, and submit temporary works design to PSDP for review.
  - For standard trench cross section drawings see 300100920-DR-133.
  - The contractor shall record detailed as-built information as per the specification. At all crossing locations these records shall include photographic evidence clearly demonstrating the minimum service clearances and duct separations have been achieved.
  - For river, stream crossings, the ducts layout and crossing details are the same to the the drainage ditch crossing.
  - Separation between power cable ducts to be determined by cable rating calculations based on the maximum depth of cover to the ducts.
- ENVIRONMENTAL NOTES:**
- To minimise the risk of in-stream habitat damage, all clean course surface material (gravel, cobbles & boulders) on the bed of the river or stream to a of depth 200mm will be removed prior to all construction.
  - Once the watercourse is clear the dams, flumes, downstream silt traps and associated water protection measures will be manually installed by hand.
  - On installation of dam and flume equipment, both stream crossings will be electro-fished. Any fisheries habitats found will be translocated under license from Inland Fisheries Ireland and under the supervision of an aquatic ecologist.
  - An ecological clerk of works will be appointed to oversee cable laying works at the stream crossings. An aquatic ecologist will oversee the protection of local fisheries habitats, and a qualified arborist will oversee the removal and reinstatement of trees.
  - Root protection areas will be calculated by a qualified arborist in accordance with British Standard BS 5837:2012. The root protection areas will be demarcated on site in advance of removal of any trees to assess the full extent of removal before undertaking any works.



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**PROJECT**

## Coom Green Energy Park 33kV Interconnection

**CLIENT**

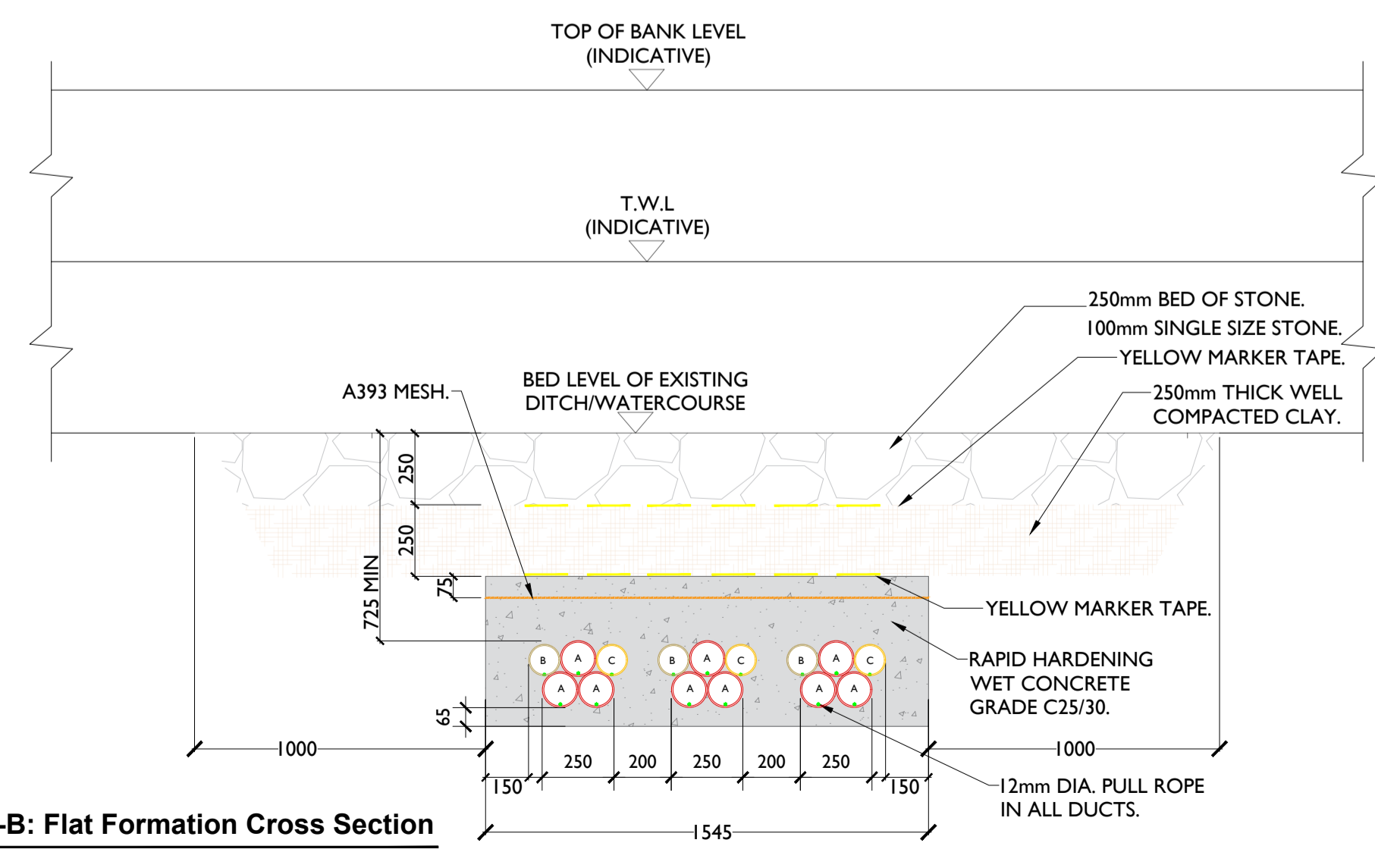
Coom Green Energy Park Limited

**CONSULTANTS**

**FEHILY  
TIMONEY**  
30 YEARS

NOTES: -

- LEGEND: -**
- 125mm Ø HDPE POWER DUCT WITH 12mm DIAMETER PULL ROPE
  - 110mm Ø HDPE COMMS DUCT WITH 12mm DIAMETER PULL ROPE
  - 110mm Ø HDPE EARTH DUCT WITH 12mm DIAMETER PULL ROPE
  - YELLOW MARKER WARNING TAPE
  - A393 REINFORCEMENT MESH



ISSUED FOR PLANNING  
05.12.2025

**ISSUE/REVISION**

I/R	DATE	DESCRIPTION
P1	05.12.25	Issued for Planning
N1	25.07.25	Issued for Information

**PROJECT NUMBER**  
300-100920

**SHEET TITLE**  
Typical Three Circuit  
Watercourse Undercrossing

**SHEET NUMBER**  
300100920-DR-132