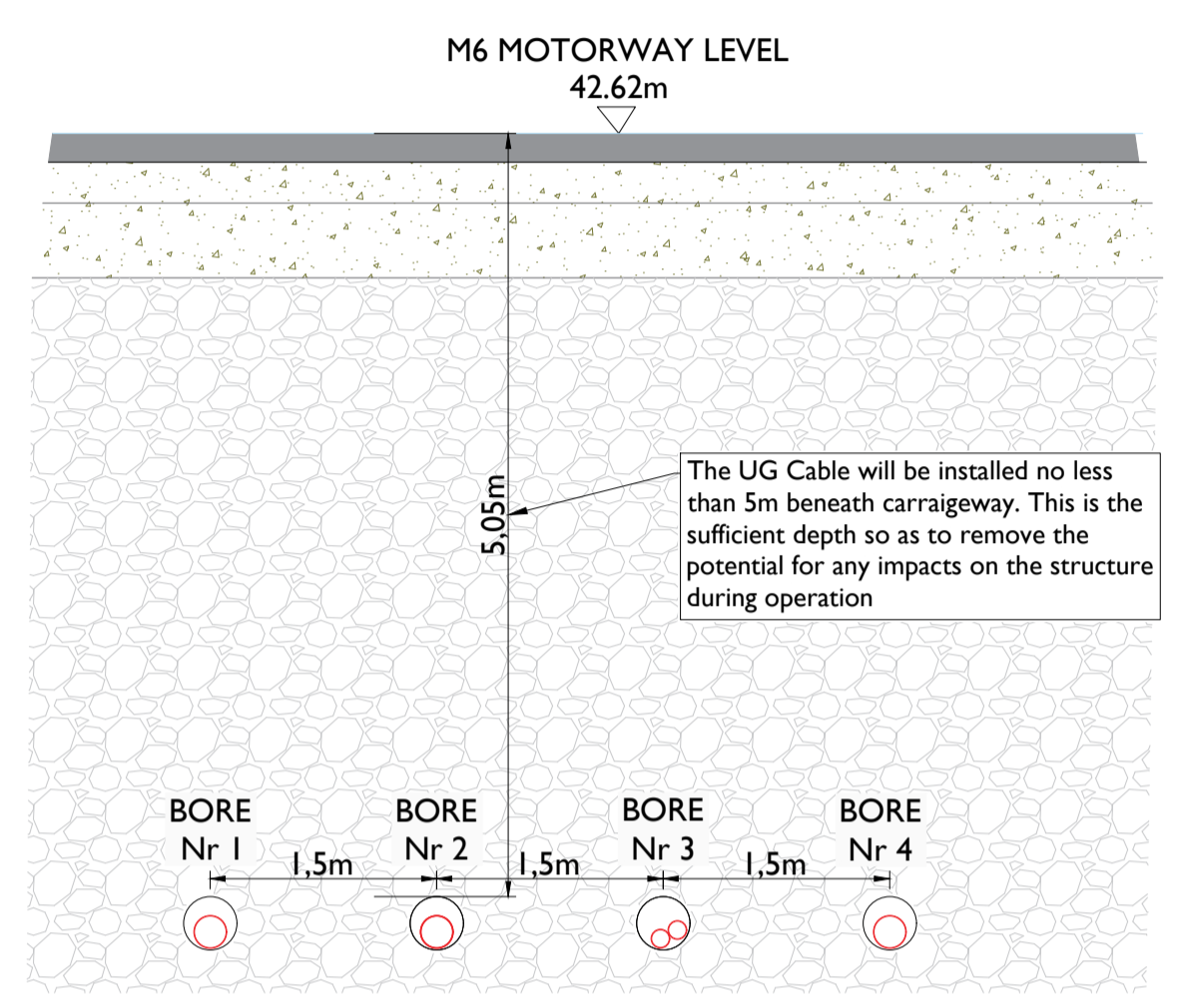


**Site Layout Plan**

Scale : 1:500



- Notes:**
- HDD crossing design will be prepared following completion of site investigation works.
  - This drawing is to be read in conjunction with all other relevant information.
  - Do not scale from this drawing, use only printed dimensions.
  - All dimensions are in metres unless noted 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.
  - All co-ordinates are referenced to ITM.
  - The Contractor is responsible for the design and construction of any temporary work required.
  - HDD launch and reception pits locations to be determined following site investigations works.
  - Final HDD design to be completed by Specialist Drilling Contractor in conjunction with the Cable Designer.
  - Transition couplers to be utilised to transition to standard power ducting after HDD. Comms ducts do not require a transition coupler and will be coupled directly using a chamfer between the two ducts.
  - All interstitial space between ducts and borehole to be bentonited thoroughly to maintain cable rating.

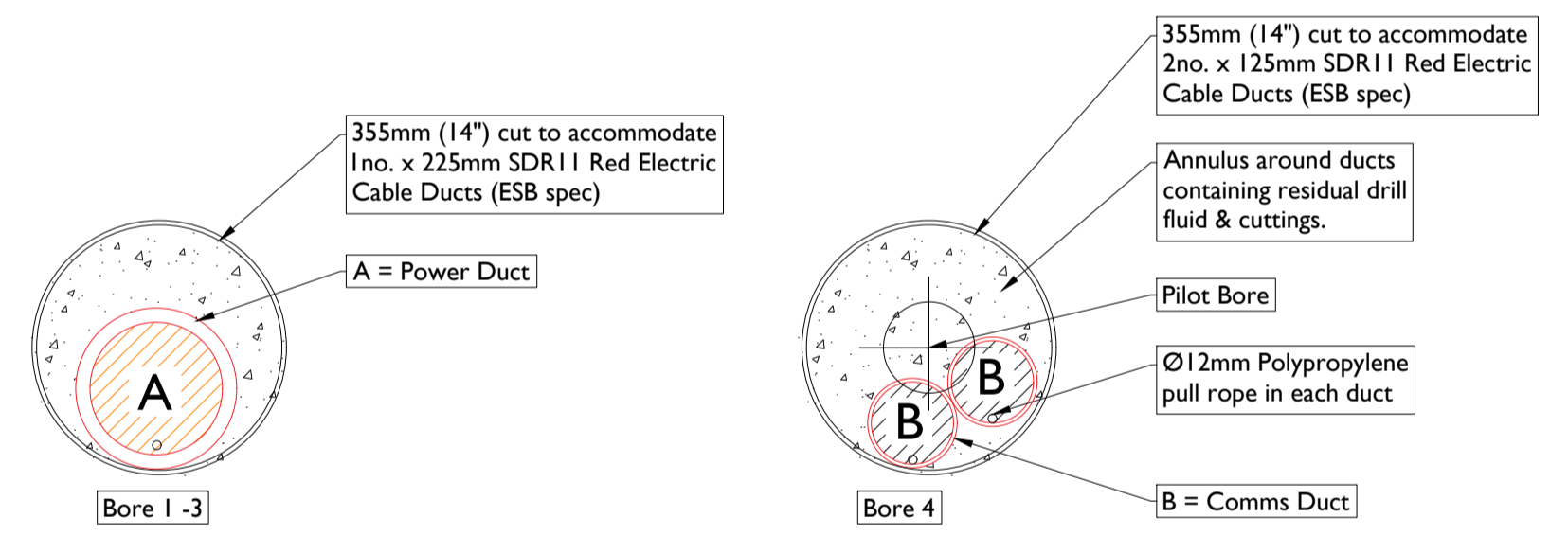


**Section B - B**

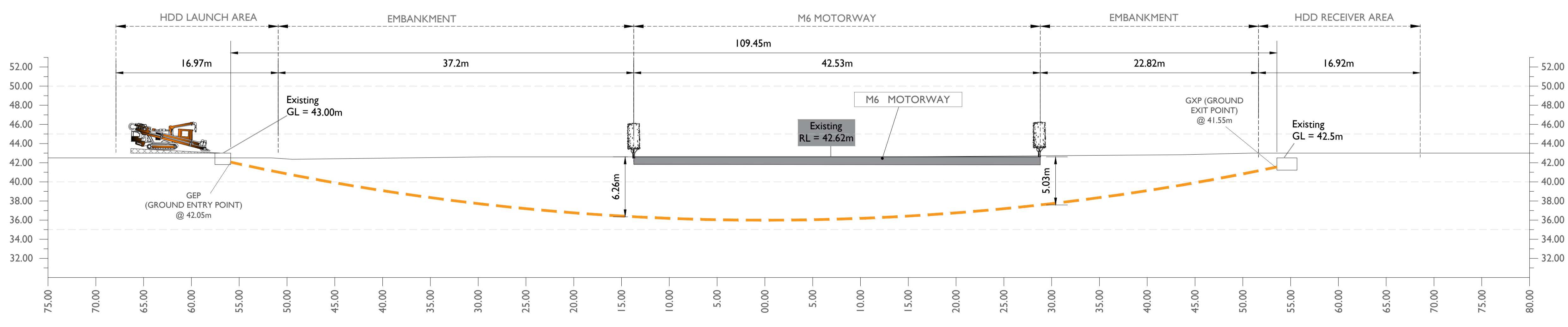
Scale : 1:50



**Image 1 : Typical Directional Drilling Rig**

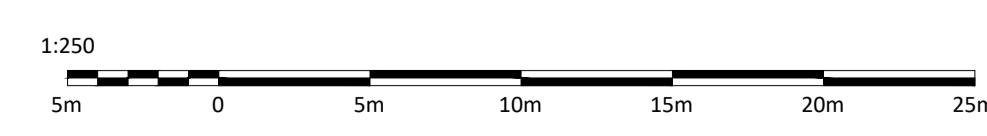


A = Power Duct: 225mm (OD) SDR 11, HDPE  
 B = Comms Duct: 125mm (OD) SDR 11, HDPE  
 All interstitial space to be bentonited thoroughly to maintain cable rating. Accurately record crossing location & erect marker posts



**Section A - A**

Scale : 1:250



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**PROJECT**

**Cashla Peaker Plant 220kV  
 Grid Connection and  
 Substation**

**CLIENT**



**CONSULTANTS**



**NOTES: -**

- See Notes

**LEGEND: -**

- Proposed 220 kV UGC Grid Connection Route (8.1km) —
- Red Line Planning Boundary —
- Existing Eir Network OHL —
- Existing Eir Network UGC —

**ISSUE/REVISION**

NO	DATE	DESCRIPTION
P4	13.03.26	Issued for Planning
P3	03.02.26	Issued for Information
P2	25.09.25	Updated for Trunking Main
P1	05.09.25	Issued for Planning
N1	03.06.25	Issued for Information
I/R	DATE	DESCRIPTION

**PROJECT NUMBER**

300-101269

**SHEET TITLE**

M6 HDD Crossing 2

**SHEET NUMBER**

300101269-DR-139

Project Management Initials: Designer: JC Checked: GC Approved: DB