

- I. This drawing is to be used only for the purpose of issue that it was issued and is subject to amendment.
- 2. This drawing is to be read in conjunction with all other relevant information.
- 3. Do not scale from this drawing, use figured dimensions only. 4. All dimensions are in millimeters, unless noted otherwise.
- 5. This drawing is to be read in conjunction with the Project Health and Safety
- File for any identified potential risks. 6. No excavation shall commence until the contractor has consulted up to date
- services drawings and carried out an electromagnetic locator (EML) scan. 7. Hand dig only within 500mm of existing services.
- 8. Where depths exceed 3000mm to top of duct the contractor shall consult the cable system design engineer for phase spacing requirements.
- 9. All approvals for watercourse crossing and required minimum cover to be
- obtained by the contractor prior to commencement of works.
- 10. ESB marker post (ESB Code: 8327355) or stub pole (2m above ground) and warning sign (ESB Code: 8238339)
- 11. Backfill as per guidelines for the opening, backfilling and reinstatement of
- openings (2015).

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Shancloon II0kV Substation

CLIENT

CONSULTANTS

See notes in drawing window

LEGEND:

125mm Ø HDPE POWER DUCT WITH

110mm Ø HDPE COMMS DUCT WITH 12mm DIAMTER PULL ROPE 110mm Ø HDPE EARTH DUCT WITH 12mm DIAMTER PULL ROPE

YELLOW MARKER WARNING TAPE

ISSUE/REVISION

P00 09.07.25 Issued for Planning N1 20.05.24 Issued for Information DATE DESCRIPTION

PROJECT NUMBER

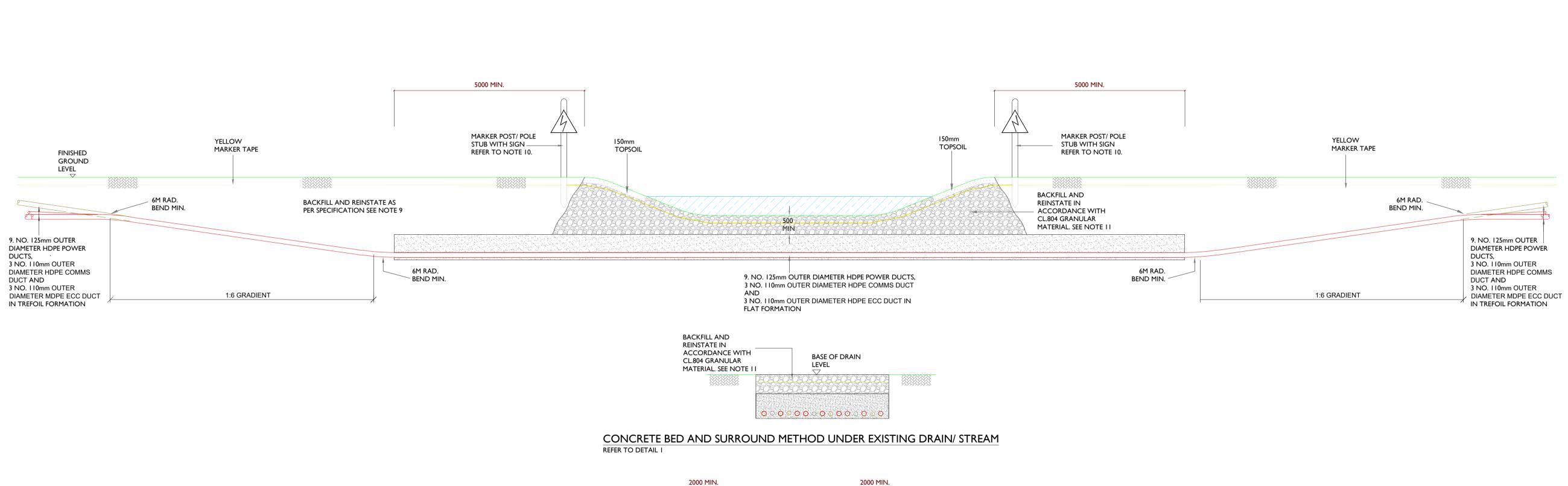
05-1021

SHEET TITLE

Ditch/Drain Crossing Detail

SHEET NUMBER

051021-DR-313



TOPSOIL

EXISTING DITCH

MIN

9. NO. 125mm OUTER DIAMETER HDPE POWER DUCTS,

3 NO. I 10mm OUTER DIAMETER HDPE COMMS DUCT

3 NO. I 10mm OUTER DIAMETER HDPE ECC DUCT IN

BASE OF DITCH

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CONCRETE BED AND SURROUND METHOD UNDER EXISTING DITCH

| LEVEL

FLAT FORMATION

BACKFILL AND REINSTATE IN

REFER TO DETAIL I

ACCORDANCE WITH

MATERIAL, SEE NOTE I I

CL.804 GRANULAR

MARKER POST/ POLE

REFER TO NOTE 10.

BACKFILL AND

NOTE 9

REINSTATE AS PER

SPECIFICATION SEE

6M RAD.

BEND MIN.

STUB WITH SIGN

YELLOW

MARKER TAPE

1:6 GRADIENT

FINISHED

GROUND LEVEL

9. NO. 125mm OUTER DIAMETER HDPE POWER

3 NO. I I 0mm OUTER DIAMETER HDPE COMMS

3 NO. I I 0mm OUTER

DIAMETER HDPE ECC DUCT

IN TREFOIL FORMATION

DUCTS,

DUCT AND

BEND MIN.

MARKER POST/ POLE

6M RAD.

BEND MIN.

STUB WITH SIGN

BACKFILL AND

ACCORDANCE WITH

MATERIAL. SEE NOTE 11

CL.804 GRANULAR

REINSTATE IN

REFER TO NOTE 10.

YELLOW

1:6 GRADIENT

MARKER TAPE

6M RAD.

9. NO. 125mm OUTER

3 NO. I 10mm OUTER

3 NO. II0mm OUTER

DUCT AND

DIAMETER HDPE POWER

DIAMETER HDPE COMMS

DIAMETER HDPE ECC DUCT IN TREFOIL FORMATION

BEND MIN.