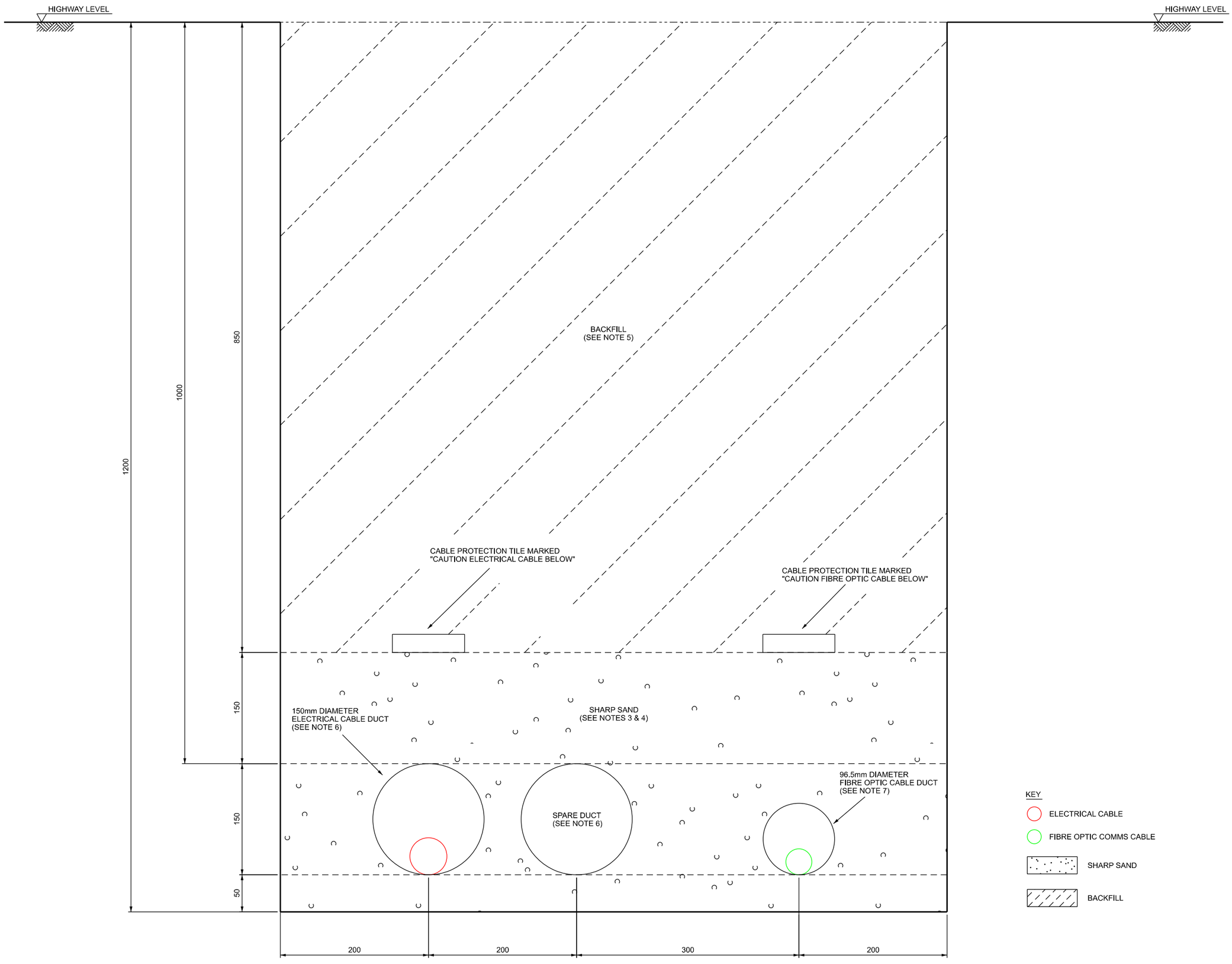
A3 THIS DRAWING IS CORRECT WHEN PRINTED IN COLOUR AND TO THE SIZE INDICATED ON DRAWING BORDER.



KEY

- ELECTRICAL CABLE
- FIBRE OPTIC COMMS CABLE
- SHARP SAND
- BACKFILL

0mm 100 200 250mm

MILLIMETRES

PRELIMINARY ISSUE FOR DISCUSSION ONLY

REVISIONS:

REV	DESCRIPTION	DATE	CHK	APP
A	INITIAL ISSUE	06/04/23	MF	AC

NOTES

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. MINIMUM CABLE DUCT DEPTH THROUGH AGRICULTURAL LAND IS 1000mm.
3. ALL CABLE DUCTS ARE TO BE LAID ON A BED OF SHARP SAND 50mm DEEP.
4. ALL CABLE DUCTS ARE TO BE COVERED IN SHARP SAND 150mm DEEP FROM THE TOP OF THE LARGEST CABLE DUCT.
5. GROUND ABOVE THE SHARP SAND TO HIGHWAY LEVEL IS TO BE REINSTATED IN LINE WITH THE DEPARTMENT OF TRANSPORT DOCUMENT "SPECIFICATION" FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAYS", FOURTH EDITION, DATED MAY 2020.
6. 150mm OUTSIDE DIAMETER ELECTRICAL CABLE DUCT. THE ELECTRICAL CABLE DUCT SHALL BE BLACK TWIN WALL HDPE AS DETAILED IN THE RELEVANT SECTIONS OF BS EN 61386-24 AND ENA TS 12-24. THE DUCT SHALL HAVE A SMOOTH INNER SURFACE. THE DUCTING SHALL HAVE THE MANUFACTURERS IDENTITY, TOGETHER WITH THE WORDING "ELECTRICITY CABLE DUCT" CLEARLY MARKED IN WHITE ON THE OUTSIDE SURFACE OF THE DUCT. EACH DUCT LENGTH SHALL BE SUPPLIED WITH A STRAIGHT COUPLER EITHER AS A SEPARATE ITEM OR INCORPORATED ON ONE END AND TO SO DESIGNED TO BE A CLOSE PUSH FIT ONTO A PLAIN END OF A DUCT WITH THE SIMILAR NOMINAL DIAMETER.
7. 96.5mm OUTSIDE DIAMETER FIBRE OPTIC CABLE DUCT. THE FIBRE OPTIC CABLE DUCT SHALL BE GREEN uPVC OR HDPE SOLID WALL DUCT MANUFACTURED IN ACCORDANCE WITH BS EN 61386-24. THE DUCT SHALL HAVE A SMOOTH INNER SURFACE. THE DUCTING SHALL HAVE THE MANUFACTURERS IDENTITY, TOGETHER WITH THE WORDING "FIBRE OPTIC CABLE DUCT" CLEARLY MARKED IN WHITE OR YELLOW ON THE OUTSIDE SURFACE OF THE DUCT. EACH DUCT LENGTH SHALL BE SUPPLIED WITH 100mm HEAT FORMED TAPER SOCKET AT ONE END AND A PARALLEL SPIGOT AT THE OTHER.

CLIENT:
GROSVENOR FARMS LIMITED

PROJECT:
GROSVENOR FEED STUDY

TITLE:
CABLE TRENCH LAYOUT
FOR UNDERGROUND DUCTING
FOR A HIGHWAY / ROAD CROSSING
(SHEET 4 OF 4)

SCALE: **1:5** @ A3 DRAWN: **TF**
CHECKED: **MF** CAD: DATE: **06/04/2023**
APPROVED: **AC** SHEET: **4** OF **4**

PROJECT No: **904**

DRAWING No: **904-01-BMDR-010**

REVISION: **A**

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