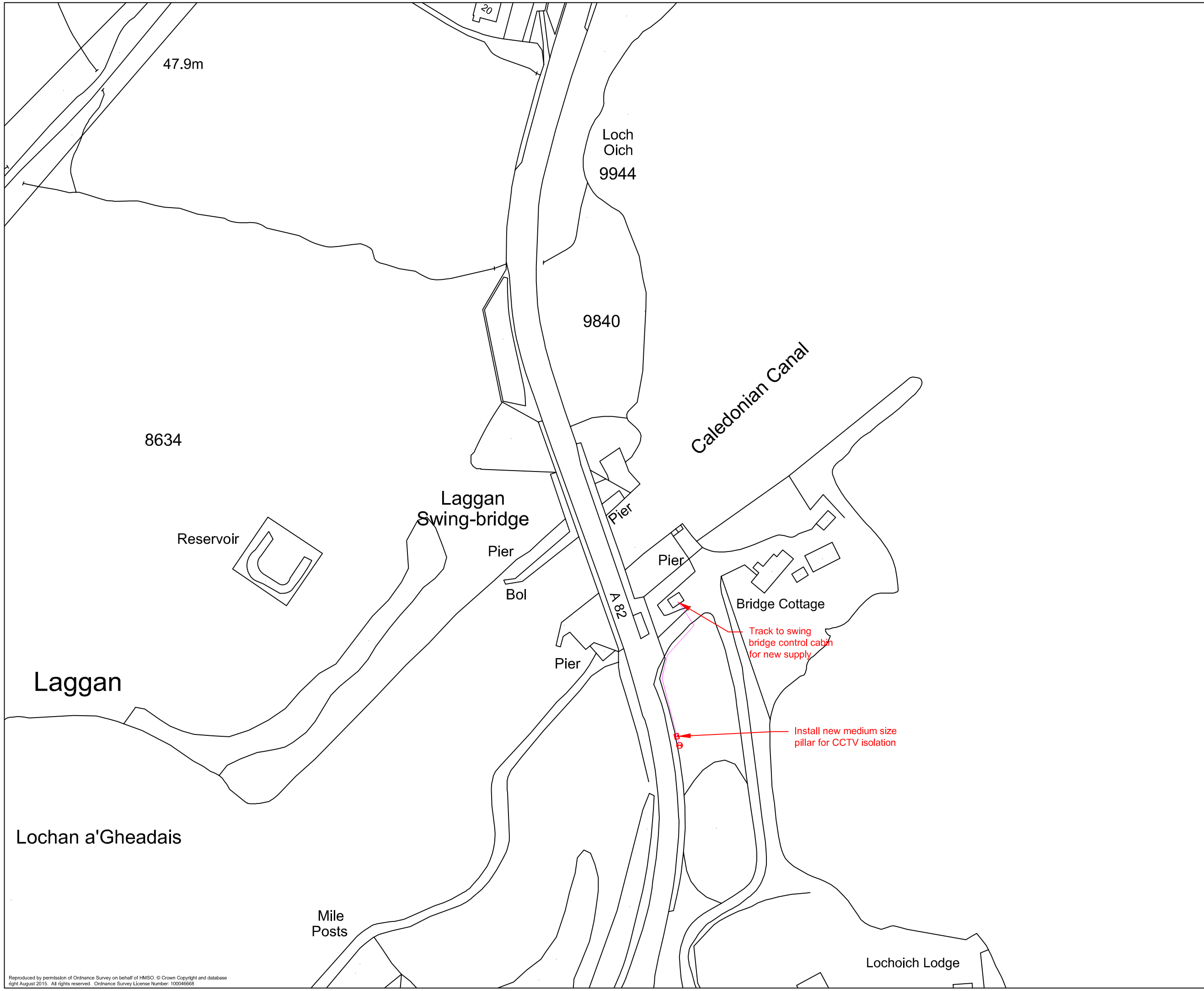

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Drawing Number

15/NW/1203/030/L01

LEGEND

- Proposed Medium Control Pillar for supply connection
- Proposed CCTV Mast
- Proposed 110mm duct to be laid on 40mm of sand at 600mm depth with 450mm cover
- Proposed 1.2 metre copper earth rod installed c/w inspection pit

LIGHTING INSTALLATION NOTES

1. All electrical installation work is to be carried out in accordance with the requirements of the latest edition of BS 7671 (IEE Wiring Regulations) and ALL other relevant specifications and standards for Scottish Trunk Roads

2. Cable runs shown are indicative and must be agreed on site with BEAR Scotland.

3. All SWA cables to be ducted in nominal 100mm DIA plastic corrugated PURPLE duct to BS8DO 200:1991 "Flexible non-rigid conduit and fittings for direct burial underground (type DB)". Ducts to be installed with minimum backfill cover of 750mm for roads and 450mm in grass verges and footways. Purple ducting to be marked with "street lighting". Supply cable should be installed in nominal 100mm DIA plastic corrugated BLACK duct to BS8DO 200:1991 "Flexible non-rigid conduit and fittings for direct burial underground (type DB)"

4. The contractor must take precautionary measures when locating and excavating around Public Utility plant. Particular reference must be made to ELF - Code of Practice for Electrical Safety in Highway Electrical Operations.

5a. Column set back to be a minimum of 2.5m from the carriageway or to be positioned at rear of footway or as directed by the engineer.

5b. Lateral clearance of sign face should have minimum clearance of 0.45m from carriageway. Motorway clearance will require further consultation with engineer.

5c. Vertical clearance of sign face should have minimum clearance of 2.5m from footway/verge or as directed by engineer.

6a. Note - Any illuminated signs and bollards must be protected by a DP twin fused cutout to BS7654 as Charles Endirect, fitted with 6A HRC fuses to BS88-2.1

6b. Where a cable loop is terminated, the earth conductor and the cables SWA shall be linked with a 10mm sq Tri-rated earth continuity conductor to BS6231

6c. Existing columns marked with yellow marker paint to be removed.

7. Where existing columns are fitted with festive decorations these are to be removed to store and re-sited on the nearest new column. The new columns are to be fitted with new socket arrangements and cut-outs with appropriate fusing. All signs mounted on existing columns are to be relocated to the nearest new column.

8. Contact for BEAR Scotland Electrical Section - Neil Fraser, Tel:07876 825872

NOTES:

Services shown are indicative only - reference must be made to Utility plans before commencement of work and safe digging practices followed.

Underground Gas — GAS —

Underground High Voltage Cable — ELEC —

Underground Low Voltage Cable — (HV) —

Do not scale this drawing

Rev	Date		Checked

Status: Construction

Rev.

Client

Project: General Arrangement

Title: A82 Laggan Swing Bridge CCTV Installation

Drawing No.	15/NW/1203/030/L01		
Scale	1:500	Date	19/11/15
Designed NF	Drawn NF	Checked NF	Approved SH