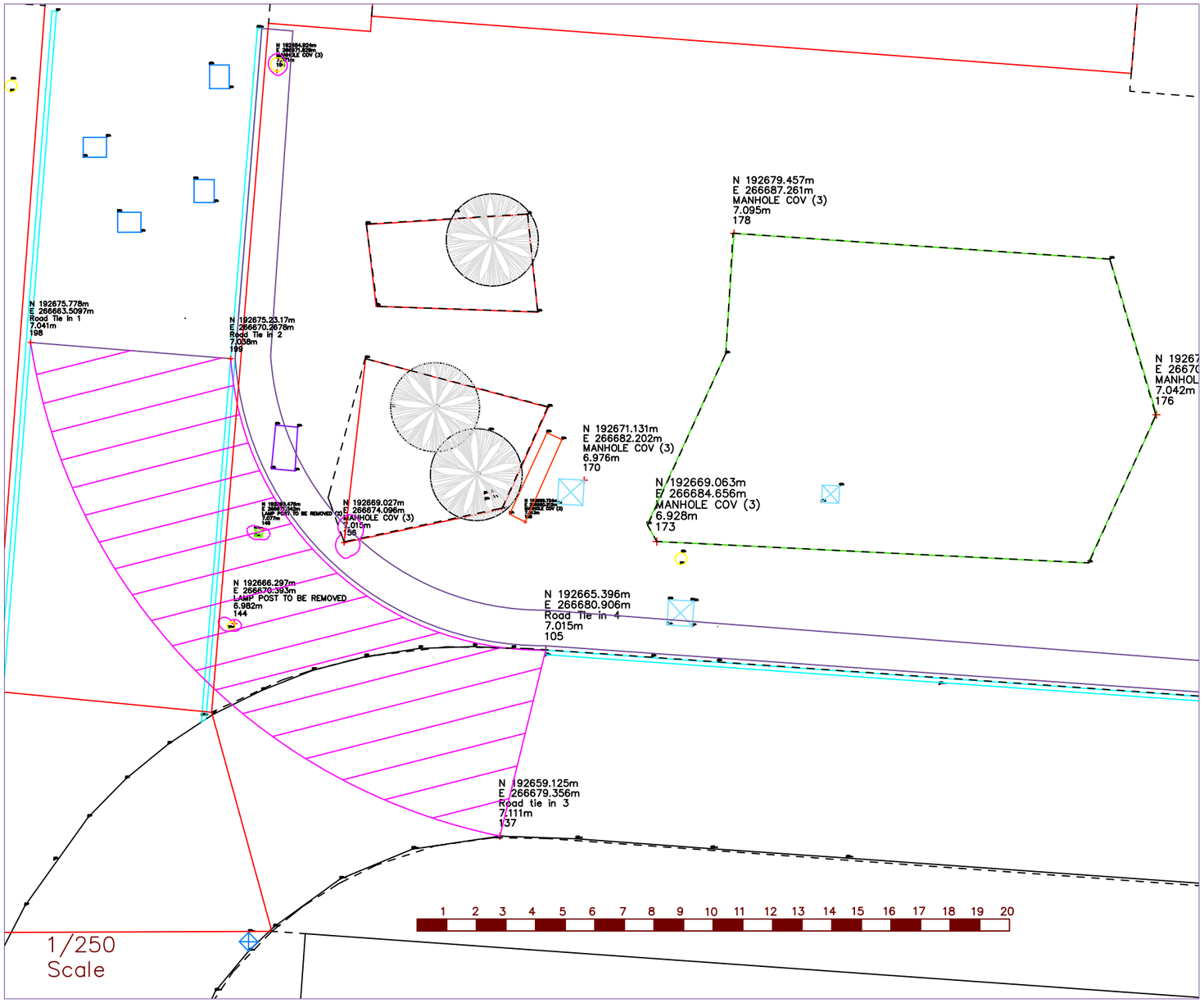

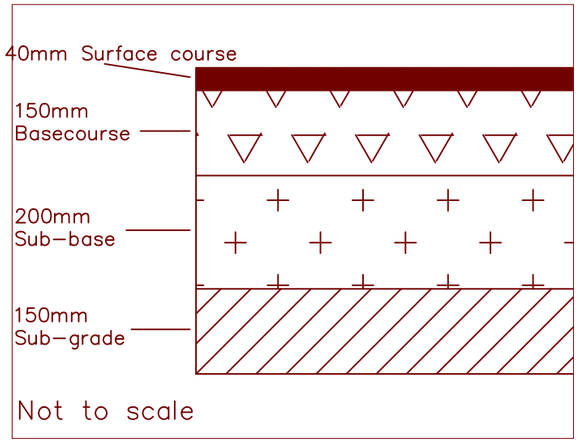

Total Excavation Required

Pavement Total Length:

9.2+23.8+10.9=43.9LM

Pavement Area:

43.9x1.2=52.68 M^2

Road Area:

20.1x6.8=136.68 M^2

Total Area:

52.68+136.68=189.36M^2

Total Depth of Proposed Detail:

0.15+0.2+0.15+0.04=0.54M

Total Volume of Excavation:

189.36x0.54= 102.25 M^3

All dimensions are provided in meters unless stated otherwise. Levels are based on GNSS survey points unless noted differently. Construction must adhere to Local Authority Highways Standards (or DMRB/MCHW as specified by the client). The contractor is responsible for verifying all dimensions and levels on-site prior to construction. Any discrepancies should be reported to the Engineer immediately. This drawing must be read alongside all relevant drawings and specifications from the Architect, Engineer, and Specialists.

Design complies with the Design Manual for Roads and Bridges (DMRB) and the Manual of Contract Documents for Highway Works (MCHW), and is in line with the Construction (Design and Management) Regulations 2015 (CDM 2015).

Aggregates used must meet BS EN 13242:2013 –Aggregates for unbound and hydraulically bound materials for civil engineering and road construction. All materials and workmanship must meet the requirements of the Specification for Highway Works (SHW). Concrete materials must conform to MCHW Volume 1 Series 1000 and comply with BS EN 197-1 and BS EN 450-1 for cementitious materials. Road marking materials must meet BS EN 1824:2020. Kerbstones should be UK standard HB2 type, 915mm in length, in compliance with BS EN 1340:2003. Paving blocks must conform to BS EN 1338:2003.

DH 28/04/25

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