

Diagram illustrating the construction details of a manhole and sewer connection. Key components and dimensions are labeled:

- CLEANOUT**: Located on the left side of the manhole.
- 300**: Dimension for the cleanout pipe length.
- 2.0m**: Dimension for the manhole diameter.
- 40x90 POST MARKED WITH DEPTH - COLOR POST AND PLUG RED**: Post and plug details.
- GROUND SURFACE**: Indicated by a horizontal line.
- CONCRETE SURROUND**: The structure surrounding the manhole.
- GRANULAR BASE**: The base material under the manhole.
- DIAMETER SAME AS CONNECTING SEWER 200 MAX**: Specification for the connecting sewer diameter.
- 45° LONG BEND BELL x SPIGOT**: The bend connecting the manhole to the sewer.
- RADIUS NOT LESS THAN 4.5 TIMES PIPE DIAMETER**: Requirement for the bend radius.
- 45° LONG RADIUS BENDS**: Additional bend details.
- 2% MIN. GRADE**: Minimum slope requirement for the sewer line.
- 45°**: Angle of the bend.
- PLUG**: Located at the bottom of the manhole.
- 1.8m MINIMUM COVER**: Minimum depth from ground surface to the bottom of the manhole.
- GRANULAR PIPE BEDDING AND TRENCH BACKFILL AS SHOWN ON DRAWING G4**: Backfill material for the sewer line.
- MINIMUM 100 CONCRETE ENCASEMENT WHERE RISER SLOPE EXCEEDS 45°**: Requirement for concrete encasement in steep slopes.
- 45° LONG RADIUS BENDS**: Additional bend details.

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