SPECIFICATIONS

PERFORATED DRAIN TYPE 3

SCOPE
These specifications apply to all 100 mm (4 in) to 200 mm (8 in) diameter Type 3 perforated drain pipes used to collect surface runoff and control the ground water level.

PIPE REQUIREMENTS
Pipes shall be manufactured with corrugated interior and exterior walls.

- Pipes shall be certified as per standard BNQ 3624-115*, meet the OPSS 1840 standard requirements and have a minimum stiffness of 210 kPa.

RAW MATERIALS
Pipes shall be made from a polyethylene resin that complies with properties classification PE 324420C, as defined in standard ASTM D3350.

PERFORATIONS**
- Perforations shall be Type 3, in compliance with standard BNQ 3624-115* and meet the OPSS 1840 standard requirements. Total perforation area shall be at least 130 cm^2 per meter (20.1 in^2 per foot) of length.

JOINT PERFORMANCE
- Double bell snap (safety catch) to ensure proper positioning on pipes.

ACCESSORIES
- Accessories will be manufactured according to specified requirements in the standard BNQ 3624-115 and meet the OPSS 1840 standard requirements.
- Every connection to a concrete structure shall be made with a monolithic HDPE adapter with smooth interior wall and an end bell, as specified in the standard 1809-300. PVC and urethane adapters will not be permitted.
- Accessories shall be factory welded.

DIMENSIONS AND QUANTITIES
Dimensions and quantities shall comply with tender documents and drawings.

INSTALLATION
Installation shall be carried out in compliance with manufacturer recommendations. Contact the Soleno representative in your region or visit our website at www.soleno.com for installation recommendations.

* The Canadian General Standards Board has adopted in 1992 the BNQ Standard 3624-115 for implementation across the country (replacing the CGSB-41-GP-29-M76 standard).
** Several factors enter into the selection of the product to be used. Therefore Soleno recommends a granulometric analysis before undertaking a drainage project in order to choose the right pipe according to the type of soil.