



- 1 SDS WEHOLITE UPSTREAM MANHOLE** - Offsite-manufactured, light weight HDPE, BBA HAPAS-certified manhole, available in multiple sizes and any orientation. Provides a suitable location for SDS SYMBotIC™ smart monitoring and control devices.
- 2 WATERPROOF GEOMEMBRANE** - Sealed continuously to encapsulate the GEOLight® reservoirs, distributor pipe and granular fill, and protected by a heavyweight, needle punched, non-woven geotextile.
- 3 GEOTEXTILE** - Placed between the granular fill and GEOLight® attenuation units to prevent silt and particles from being washed into the reservoirs.

- 4 SLOTTED DISTRIBUTOR PIPE** - Typically arranged in the centre of the reservoir but can be placed at the side where topographical constraints dictate; wrapped in geotextile.
- 5 SDS WEHOLITE MANHOLE / INSPECTION CHAMBER** - Supplied suitable for immediate use, equipped with lifting points and anti-slip benching, and totally resistant to hydrogen sulphide (H₂S).
- 6 SDS GEOLIGHT®** - Laid bonded horizontally and vertically, the length and height of the GEOLight® reservoirs are determined by the quantity of water to be stored. Suitable for use under a wide range of surfaces including grass, paving, tarmac and concrete.

- 7 CLEAN STONE TRENCH** - Filled with draining material, such as granular 15/25 mm clean graded stone free from fines.
- 8 SDS WEHOLITE DOWNSTREAM MANHOLE** - Incorporates a flow control to prevent excess surges of flood water from passing downstream and enable the GEOLight® reservoirs to store the water for the period of the storm.