



### Project details

**Client:**  
Hill Partnerships Limited

**Project works**  
Lower ground floor waterproofing protection strategy

**Work status:**  
Completed

Morland garden site approximately 75m x 45m is located in a mixed residential and commercial area in the London Borough of Brent. The proposed development will accommodate a new purpose-built education centre, café/affordable workspace at ground level and residential use above.

The building initially cut into the existing slope, resulting in a partial lower ground floor, hence the need for waterproofing.

SWS were appointed to provide the basis for the lower ground floor waterproofing protection strategy for the proposed residential development.

### Solution

To meet with objectives, risk assessment was carried out to determine a waterproofing strategy that best works with the building structure to achieve current guidelines as relates to BS 8102: 2022.

RIBA Stage 4, supporting documents, drawings, information, and methodologies were used to devise the waterproofing strategy.

SWS took into consideration, ground water levels conditions to provide suitable waterproofing methods.

