

WEBB ARCHITECTS LIMITED

2A Prince Arthur Road
Planning Application for new private dwelling

Structural Statement

The relationship of the new house (including basement) with the existing Listed Building has been assessed in line with general guidelines.

The foundations of the existing building have been estimated as 750mm deep. This estimate is based on the age of the building.

A foundation width from the façade of the building has been estimated as 1000mm. This is a generous estimate and the foundations are very unlikely to extend further than this.

Following general guidelines a 45 degree line has been extended from the notional outside lowest point of the foundations of the existing building.

This 45 degree line is used as a worst case in fluid soils to indicate how close new constructions can take place before having an affect on existing buildings. When analysed the quality of soil may indicate that this line could be steeper and that therefore new constructions could be closer.

Any new construction that is within this 45 degree line could have an affect on the existing foundations and structural measures would be required to ensure that any impact is avoided.

The diagram 969.02.12(-) shows that the proposed development would not encroach within the defined zone.

Full structural design will be undertaken during the production information stage of the project.

