

New piled retaining wall shown indicatively. Augured concrete piling method (non-percussive) will be adopted to minimise the disruption to the surrounding ground and ensure that the impact on the adjoining properties is minimal. (Assumed diameter 450mm. TBC by the piling contractor)

RC liner wall in watertight concrete (250mm thick assumed)

Junction between underpinning works to the existing building walls to be retained and the piled retaining wall to be designed by a suitably qualified and experienced engineer to avoid differential settlement and water ingress

New basement slab in watertight concrete construction

Junction between underpinning works to the existing building walls to be retained and the piled retaining wall to be designed by a suitably qualified and experienced engineer to avoid differential settlement and water ingress

A suitably qualified and experienced engineer will be appointed to design the underpinning works to the existing building facades to be retained. The engineer will also design temporary works for the façade retention. A competent contractor will carry out the façade retention works, underpinning works and carefully demolish the existing buildings ensuring that dust and vibration is controlled at all times.

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Client JAIA Architects

Contract 9 The Grange

Title  
Outline Basement Structural Proposal

Drawn RMC Date July 2020 Scale @A1 NTS

Drawing No. D4S4347 SK02

