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13<sup>th</sup> February 2020

Dear Sebastian,

**RE: 24 HEATH DRIVE CHIMNEY**

Visual inspections have previously identified that the two chimneys on the southwest elevation of 24 Heath Drive are out of plumb. The contractor has previously proposed to brace them prior to beginning any of the proposed structural works in this area of the site to protect them during construction works.

Movement monitoring has been taking place since 09.12.2019. Since this date the chimneys have moved an additional 4-5mm in the direction of the pre-existing lean. As no structural work has been carried out in this area of the site, we therefore conclude that the movement is a continuation of the existing condition, which is likely to have been worsened due to the adverse weather conditions experienced recently.

Due to the ongoing movement, we no longer consider bracing to be an appropriate solution. In order to avoid collapse, and to protect the Grade II listed heritage asset, we recommend that the chimneys be dismantled by hand brick by brick from the top to the existing roof level only, and reinstated following completion of the structural works, re-using the original bricks where possible to match the original condition. The original bricks will be stored on site under weather proof material.

As further high winds are expected in the near future, we recommend that the actions proposed in this letter are implemented immediately to avoid further excessive movement which could lead to collapse.

Yours sincerely,



Ben Roberts BEng (Hons) IEng AMIStructE

Associate Director

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