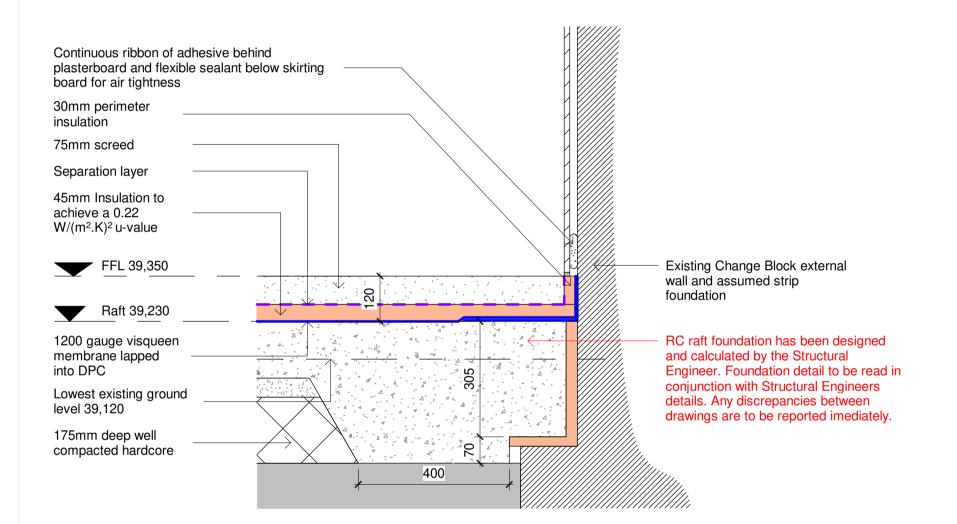
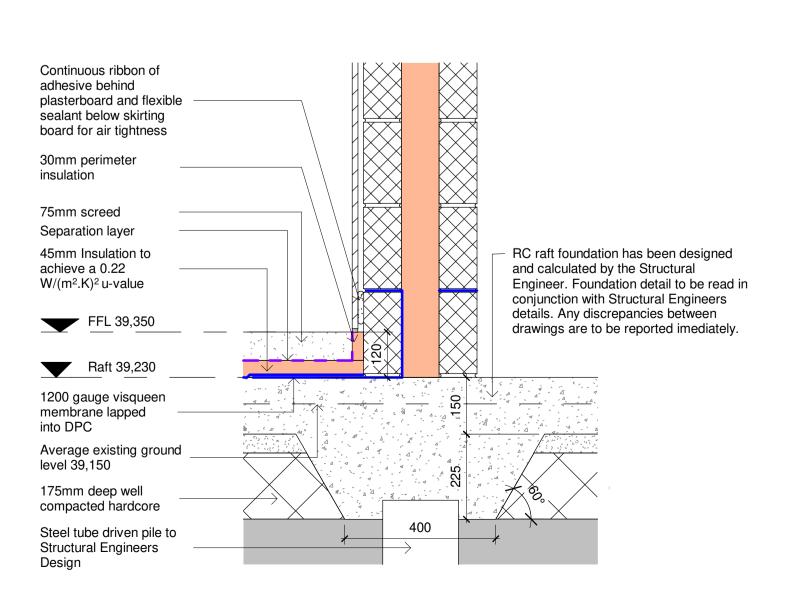
Steel column 40mm service channel 100mm Aerated Block min 7.3N/mm² 30mm perimeter 100mm fully filled cavity to achieve a insulation 0.28 W/(m².K)² u-value and extend 150mm beyond the top of the floor insulation to avoid thermal bridging Separation layer 102.5mm brick, to be agreed with Planning Dept 75mm screed 45mm Insulation to Staifix HRT4 Tie to suit 100mm cavity achieve a 0.22 $W/(m^2.K)^2$ u-value FFL 39,350 Raft 39,230 1200 gauge visqueen membrane lapped into DPC Existing ground level 39,035 Weak mix concrete struck off to Lowest existing ground outer leaf level 38,960 RC raft foundation has been designed 175mm deep well and calculated by the Structural compacted hardcore Engineer. Foundation detail to be read in 400 200 Steel tube driven pile conjunction with Structural Engineers details. Any discrepancies between to Structural Engineers drawings are to be reported imediately.

Raft Foundation Detail A-A

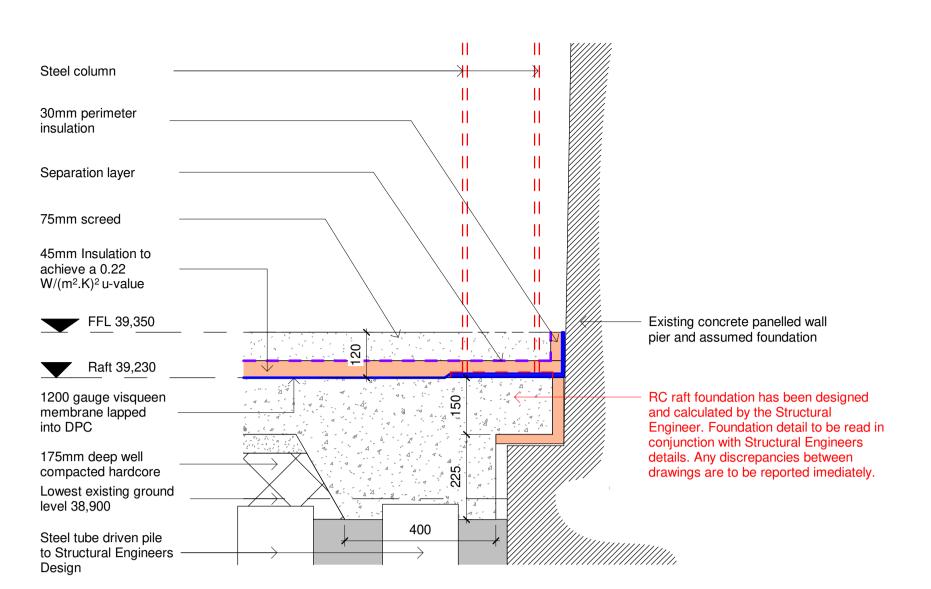


Raft Foundation Detail D-D

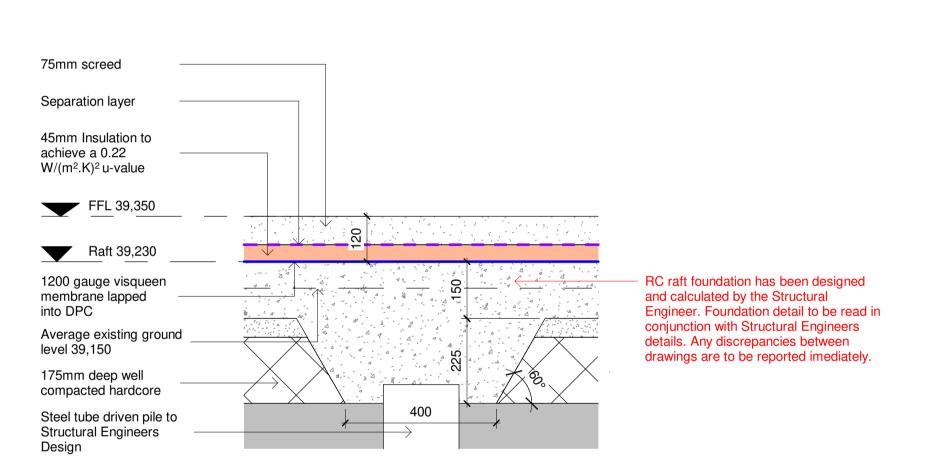


Raft Foundation Detail G-G

1:10

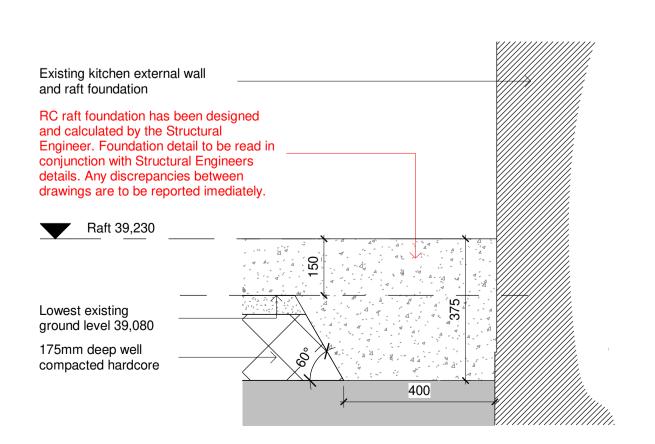


Raft Foundation Detail B-B



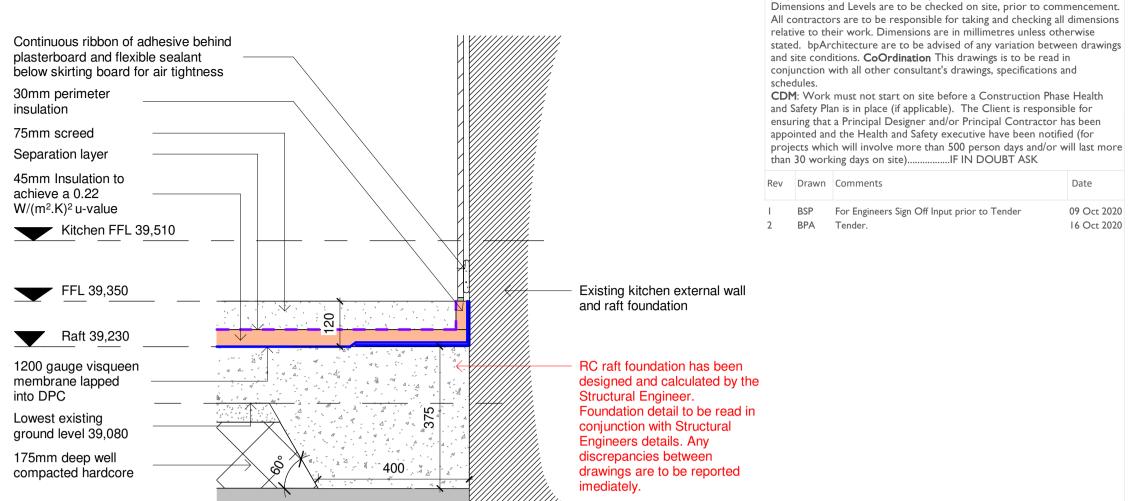
Raft Foundation Detail E-E

1:10

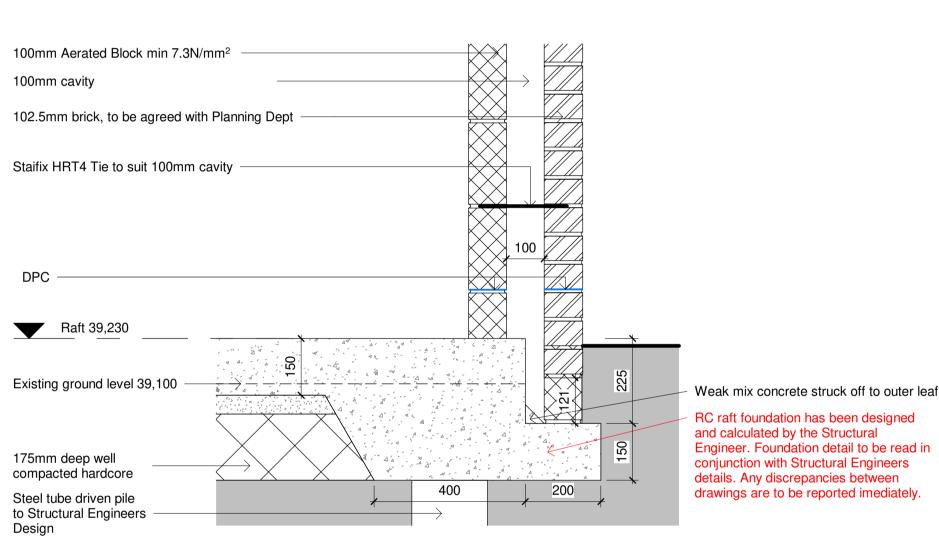


Raft Foundation Detail H-H

1:10



Raft Foundation Detail C-C



Raft Foundation Detail F-F

1:10



This drawing is to be read in conjunction with drawing 20-051_A1-001 - Proposed Foundation Setting Out Plan

This drawing is to be read in conjunction with Structural Engineers drawings and neither should be used in isolation

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setting out drawings will need to be supplied for Tender and Construction purposes. Figured dimensions only are to be taken from this drawing. All

BSP For Engineers Sign Off Input prior to Tender

09 Oct 2020

16 Oct 2020

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Architects: Conservation: Interior Architecture: Landscape

Nantwich Town Council

Proposed Alterations and Extension to Nantwich Civic Hall, 4 Market St, Nantwich CW5 5NF

Proposed Raft Foundation Details

Package 1 Sub Structure Dwg Stage Dwg Status RIBA Stage 4A: Technical Design

Project No Originator Block Level Type

October 2020

Checked BSP/KJ Scale @AI 1:10

20-051-BPA-CH-00-DR- **A1-002 T 2**

GRAPHIC SCALE: 1:10