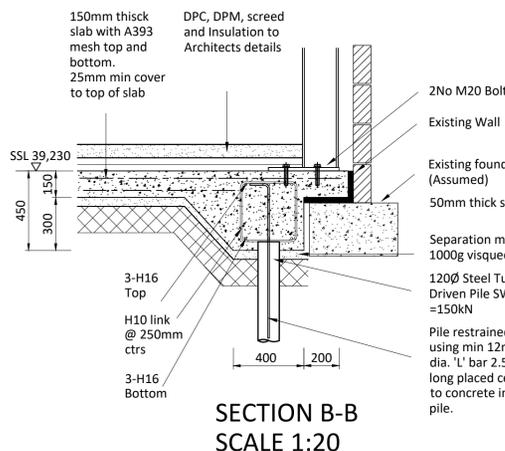
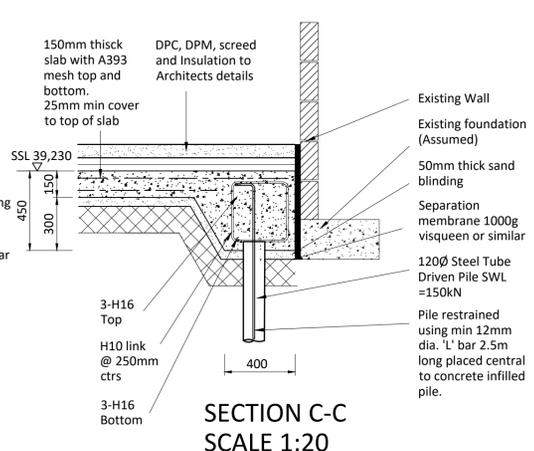


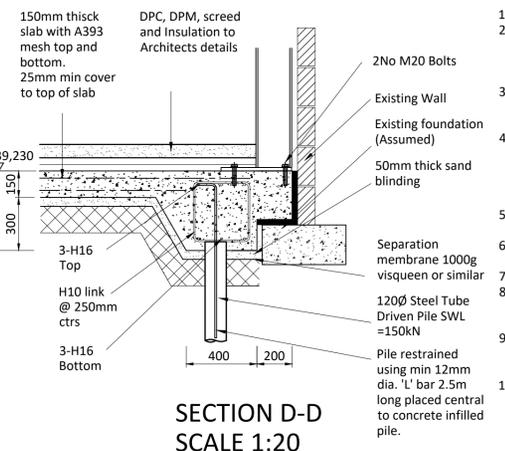
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SCALE 1:20



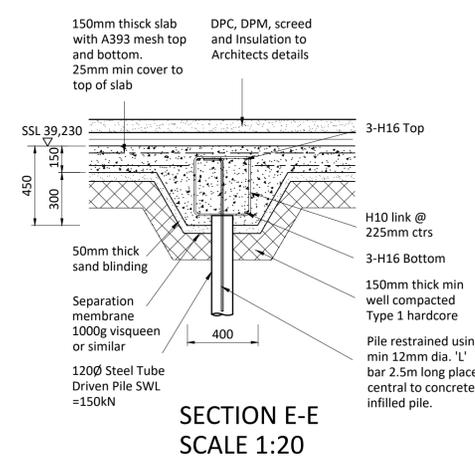
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SCALE 1:20



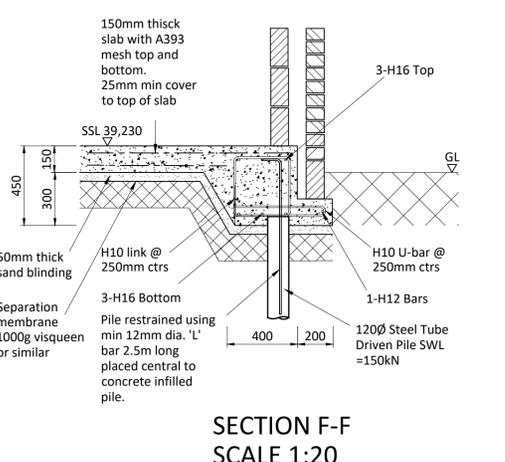
SECTION C-C
SCALE 1:20



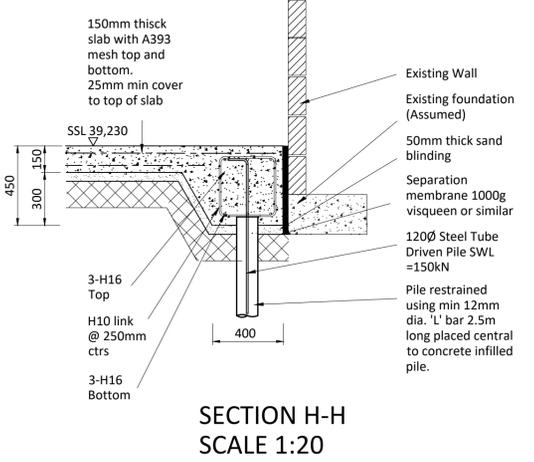
SECTION D-D
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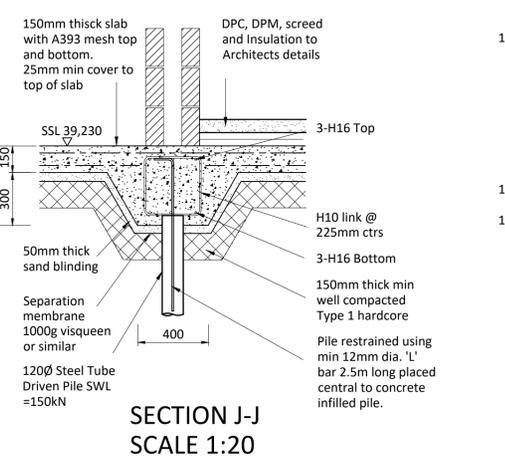
SECTION E-E
SCALE 1:20



SECTION F-F
SCALE 1:20



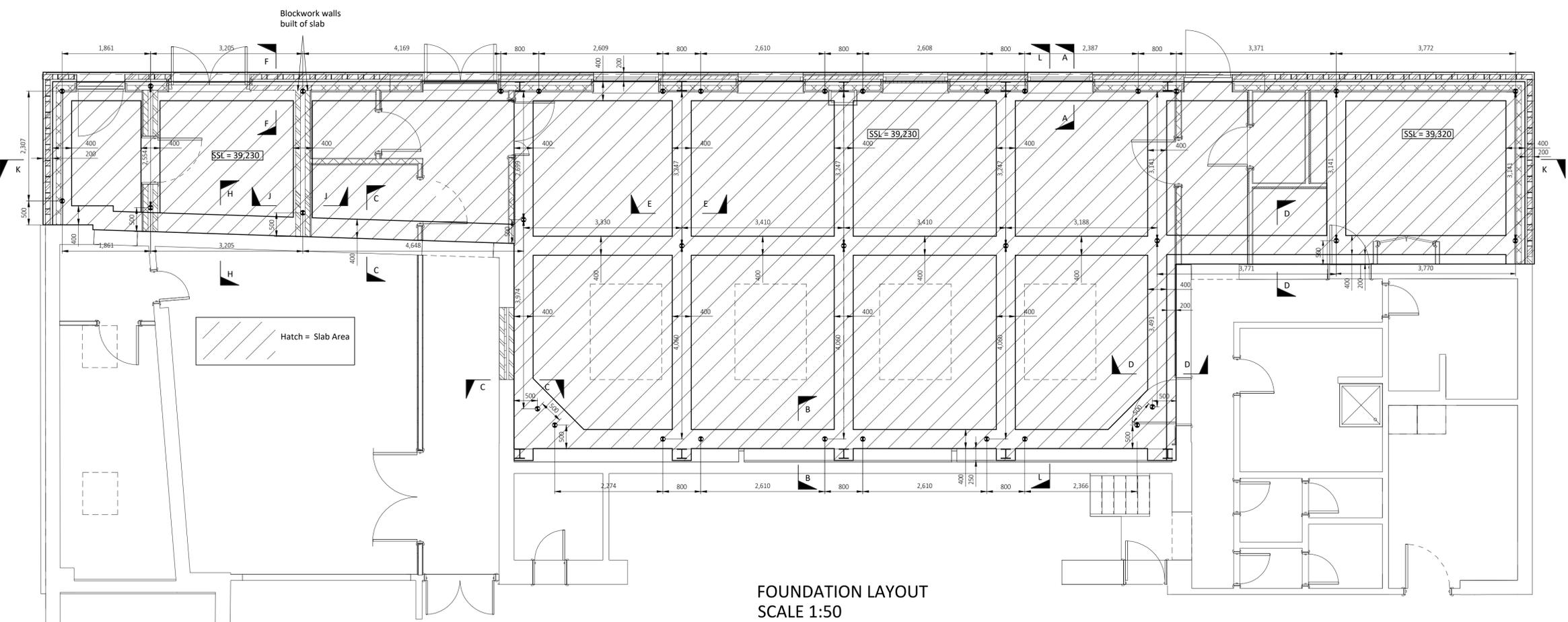
SECTION H-H
SCALE 1:20



SECTION J-J
SCALE 1:20

- PILING**
- Do not scale from this drawing
 - The Specialist Piling Contractor shall be responsible for the design of the piling system and shall be deemed to have taken due account of the proposed loads and any effects on adjacent structures or features.
 - Due regard shall be taken of all relevant information noted within the ground investigation report for the design of the piling system.
 - In the absence of a project specific Piling Specification the base specification for piling works shall be the Specification for Piling and Embedded Retaining Walls published by the ICE and BS8004 'British Standard Code of Practice for Foundations'
 - The nature, extent and level of the piling platform shall be agreed with the Main Contractor.
 - Setting out dimensions, as indicated on this drawing, refer to centre of piles unless noted otherwise.
 - Cut off levels for piles are noted on drawing.
 - The approved method of breaking down piles shall be approved by the Engineer prior to the commencement of works.
 - Following 'breaking down' pile reinforcement shall be bent over and secured to pile/beam reinforcement a minimum of 325mm.
 - All piles shall be capable of resisting forces/moments due to effects of setting out/rake tolerances etc. The piling contractor shall allow, within their design, for the effects of any existing/future negative skin friction due to the ground conditions.
 - The Engineer shall be immediately notified of any broken piles/obstructions to allow the Engineer to specify any necessary remedial work.
 - The following testing shall be carried out:

Load tests (kentledge)	** No
maintained proof load test.	** No
Dynamic tests (CAPWAP analysis)	** No
Integrity tests.	** Yes
 - Such other testing as deemed necessary to validate their design to be determined by the piling contractor.
 - All test piles shall be nominated by the Engineer and shall be clearly marked on site.
 - The Principal Contractor is responsible for removing any known obstructions prior to piling and backfilling resultant excavations as directed by the Engineer. Should unknown obstructions be encountered, then the Engineer shall be informed immediately so that he may consider any necessary remedial work. The Engineer shall also be notified immediately of any broken piles.
- FOUNDATIONS**
- All organic material / topsoil / made ground is to be stripped from within the areas of the buildings and external works, levels to be taken after site stripping and agreed with the supervising officer as the work proceeds.
 - All foundations shall be a minimum 400mm Wide unless noted otherwise.
 - Foundations have been designed using an allowable nett bearing pressure of 75kN/m². To be founded on an undisturbed, naturally occurring strata OR improved weak and/or made ground as applicable. Any over dig to reach a suitable formation level (or to accommodate adjacent deeper drainage) is to be made up in Gen 3 concrete. All formations to be approved by the L.A inspector.
 - The Engineer shall be informed of the location and species of any new trees to be planted as they may generate variations in foundation depth requirements. It is the responsibility of the landscape Architect (or planting specifier) either to ensure planting does not affect the designed depths of foundations, or to specify depths greater than those indicated on the Engineer's drawings, all in accordance with NHBC guidelines (latest revision).
 - Construction joints and steps in foundations are to be in accordance to NHBC standards chapter 4.4 (latest revision)
 - All foundation shall have a common top level unless noted otherwise.
 - Foundation concrete to be cast against vertical earth faces. Any over excavation to be filled to the appropriate levels indicated, monolithically, with the appropriate grade of concrete specified.
 - All excavations for foundations shall be excavated checked for safe bearing capacity (see note 3) and blinded with min 50mm concrete in one working day. The excavations shall be kept free from water, loose material and rubbish etc.
 - Any services passing through the structure are to be sleeved and waterproofed to the service Engineers details.
 - Sufficient cover and protection to be provided to all services in accordance with the service providers and services Engineers requirements. Final service location/routes to be agreed.
 - All sub-floor ventilation (both internal and external walls) shall be as specified by the Architect.
 - All concrete generally to be in accordance with BS EN 206-1 and BS.8500-2.
 - Mass concrete to strip/trench fill footings and concrete pad foundations is to be designated mix GEN1 - Class AC-1 / with a corresponding design chemical class DS1 as defined by BRE special digest (TBC by Ground Investigation Report).
 - Mesh and bar reinforced concrete to reinforced ground beams, strip/trench fill footings and concrete pad foundations is to be designated mix RC32/40 - Class AC-1 / with a corresponding design chemical class DS1 as defined by BRE special digest (TBC by Ground Investigation Report).



FOUNDATION LAYOUT
SCALE 1:50

P01	Preliminary Issue	AH	KJ	11-09-20	
REV	AMENDMENT	BY	CHK	DATE	
CE	PROJECT EXECUTION CLASS:				
All materials supplied in relation to those specified on this drawing are to be CE marked in accordance with the European Union Declaration of conformity.					
DRAWING STATUS					
2C CONSULTING ENGINEERS LTD CIVIL STRUCTURAL DESIGN					
The Old Church Offices Shelton New Road Harshill, Stoke on Trent ST4 4DP Email: mail@2cconsulting.co.uk Telephone: 01782 980330					
CLIENT					
Nantwich Town Council					
PROJECT					
Nantwich Civic Hall Extension					
DRAWING TITLE					
Foundation Layout Rear Extension					
SHEET SIZE	SCALE	DATE	DRAWN	CHECKED	STATUS
A1	1:50 & 1:20	11/09/20	AH	KJ	S3
PROJECT No.	DRAWING No.				
200525	C2C - P - 00 - DR - S		001	P01	