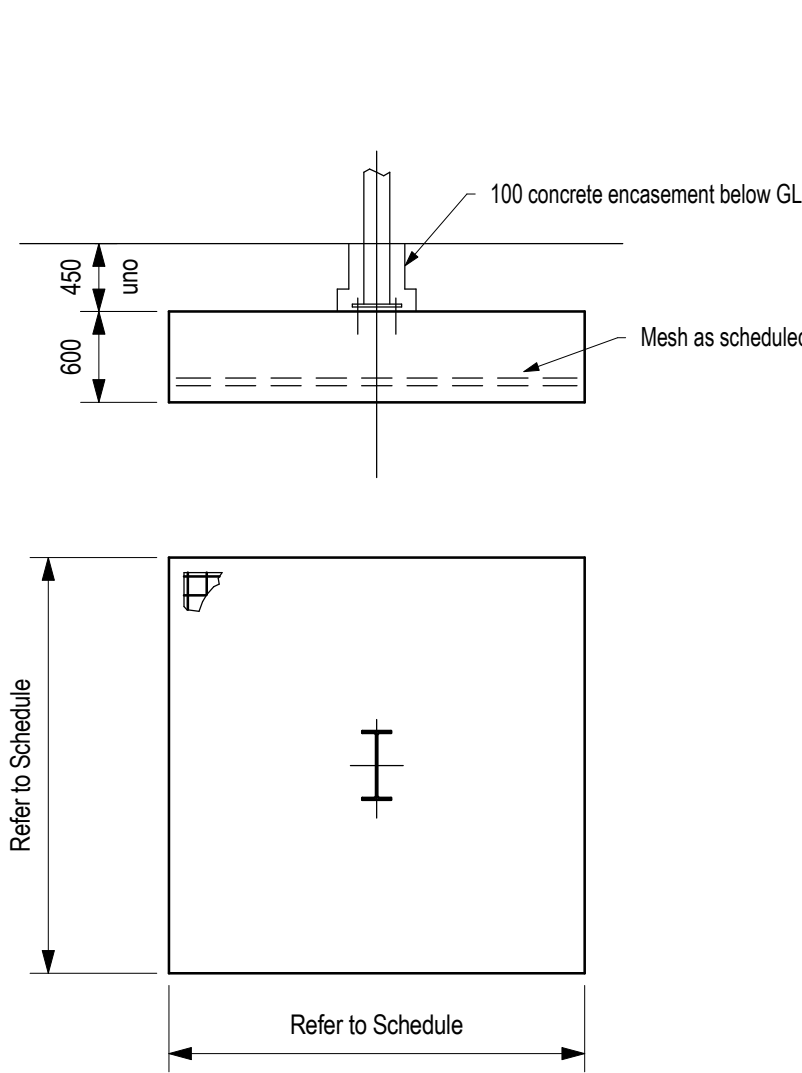
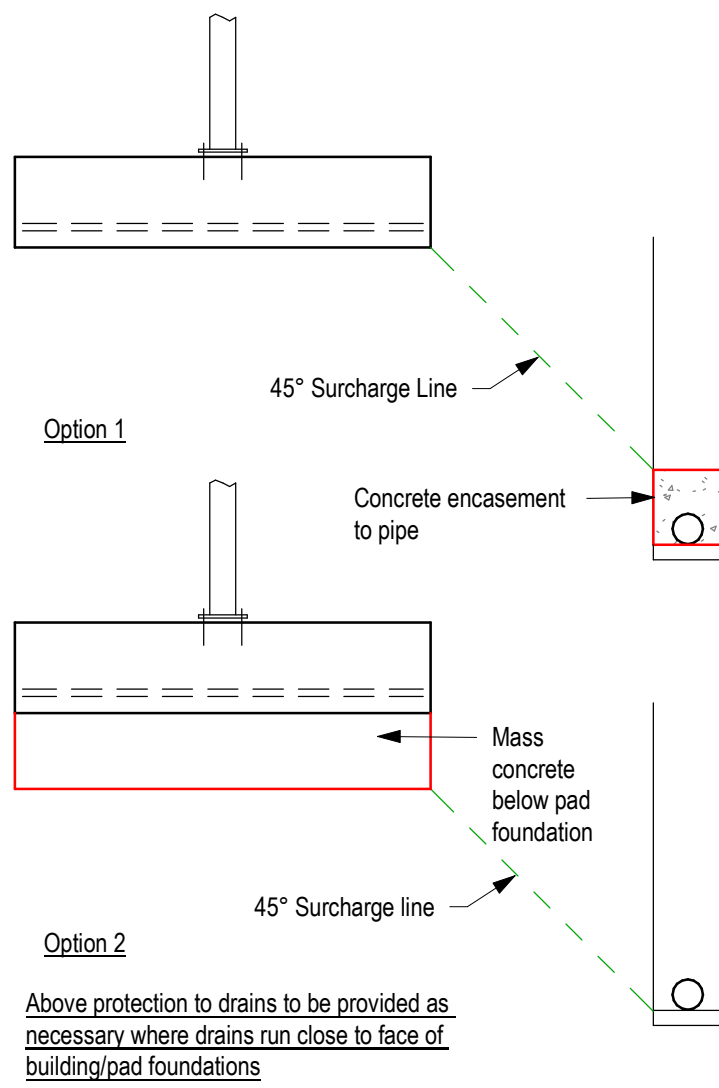




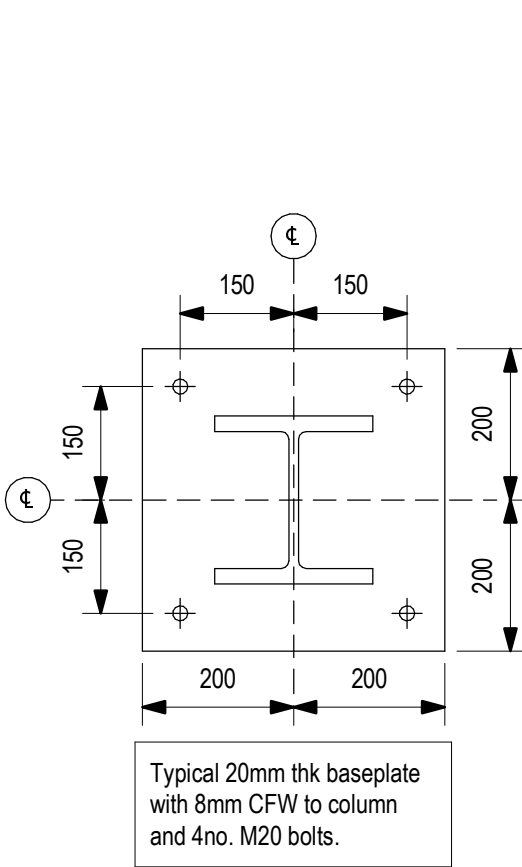
Foundation Detail

Scale 1 : 50



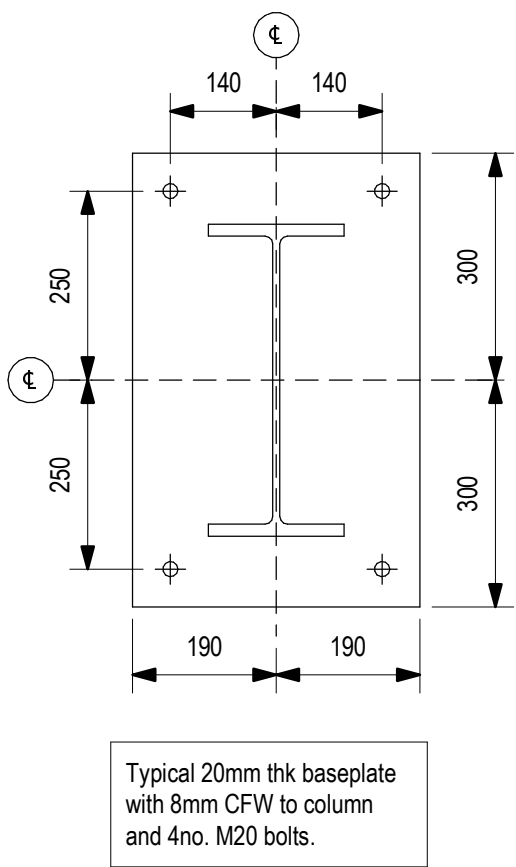
Drains adjacent to foundations

Scale 1 : 50



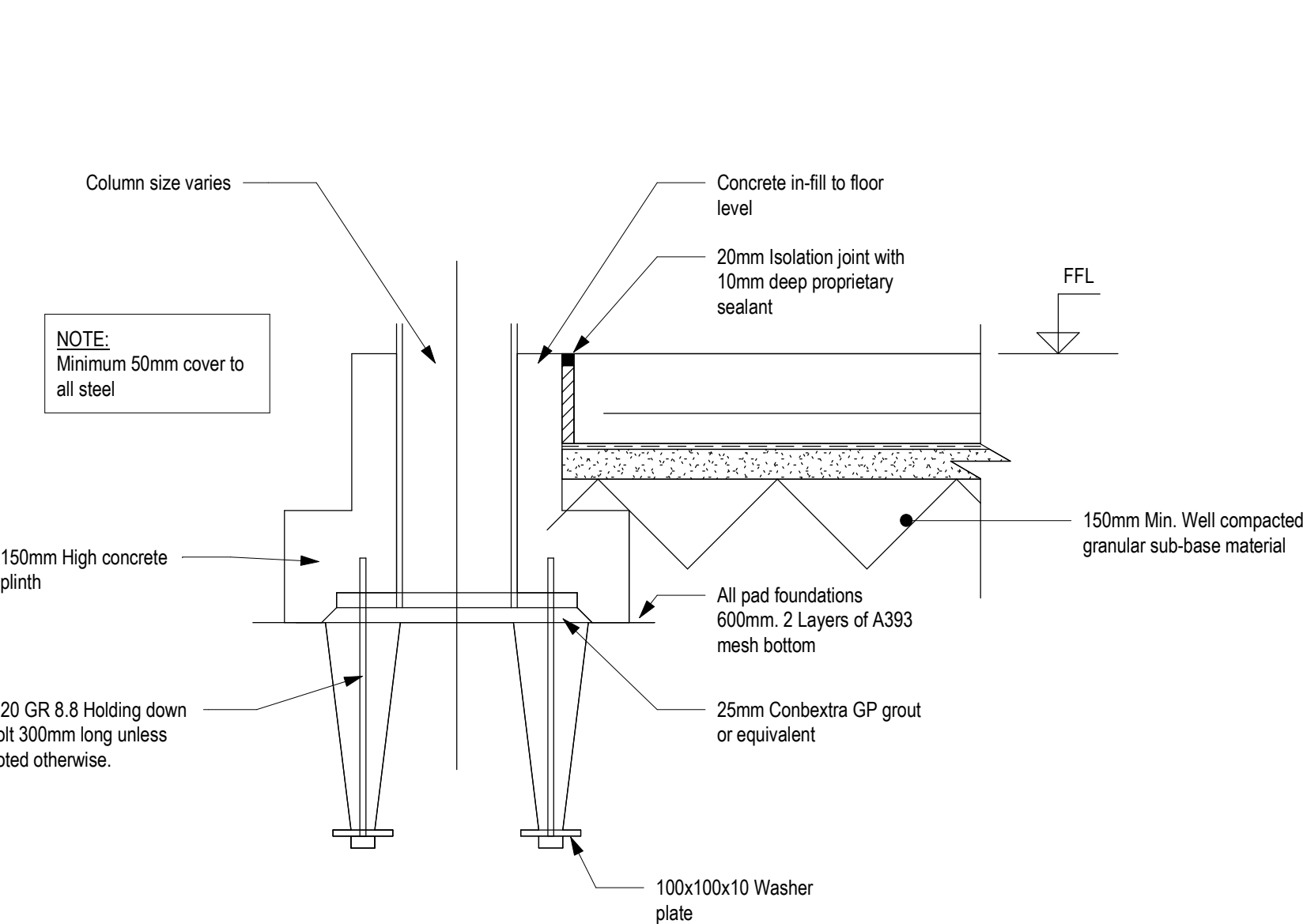
Baseplate Detail - BP1 (203x203 UC 86)

Scale 1 : 10



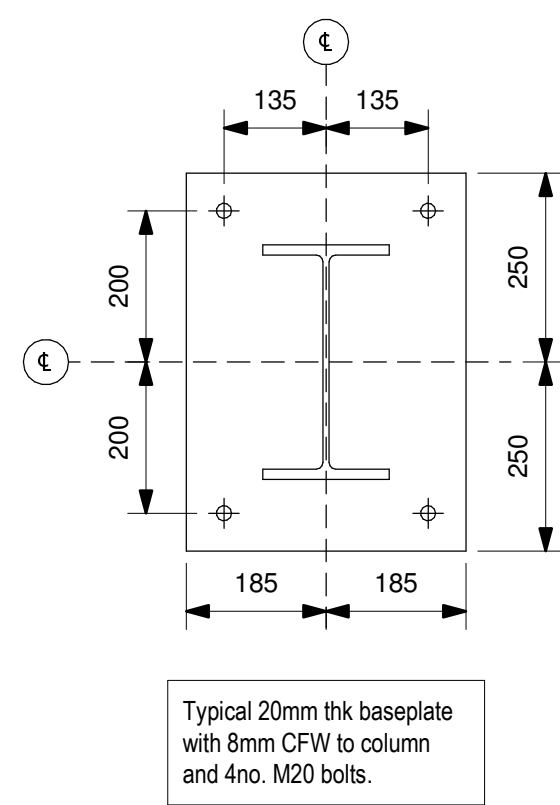
Baseplate Detail - BP2 (406x178 UB 74)

Scale 1 : 10



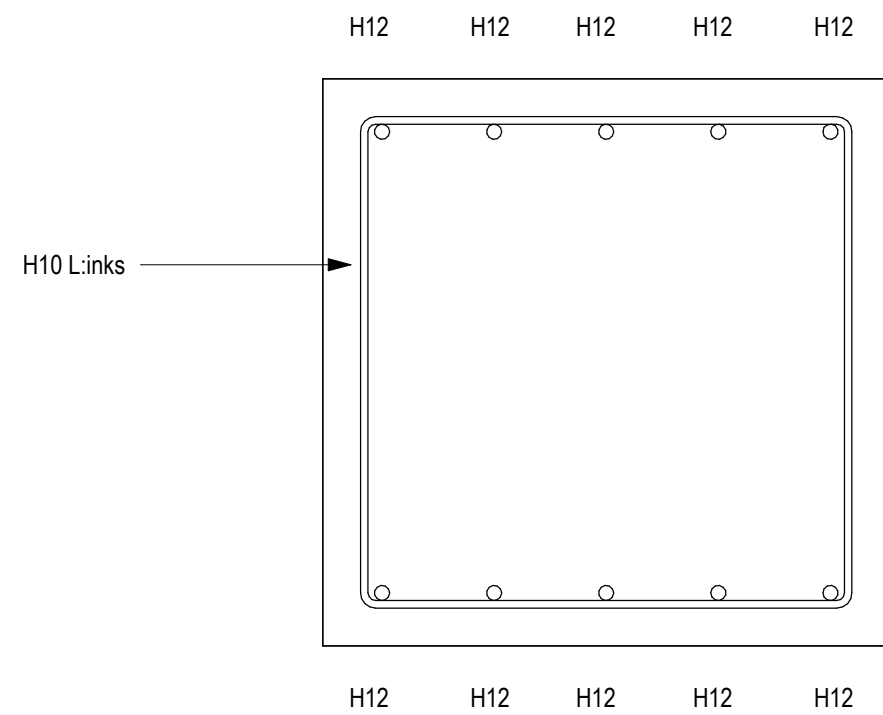
Typical concrete encasement detail

Scale 1 : 10



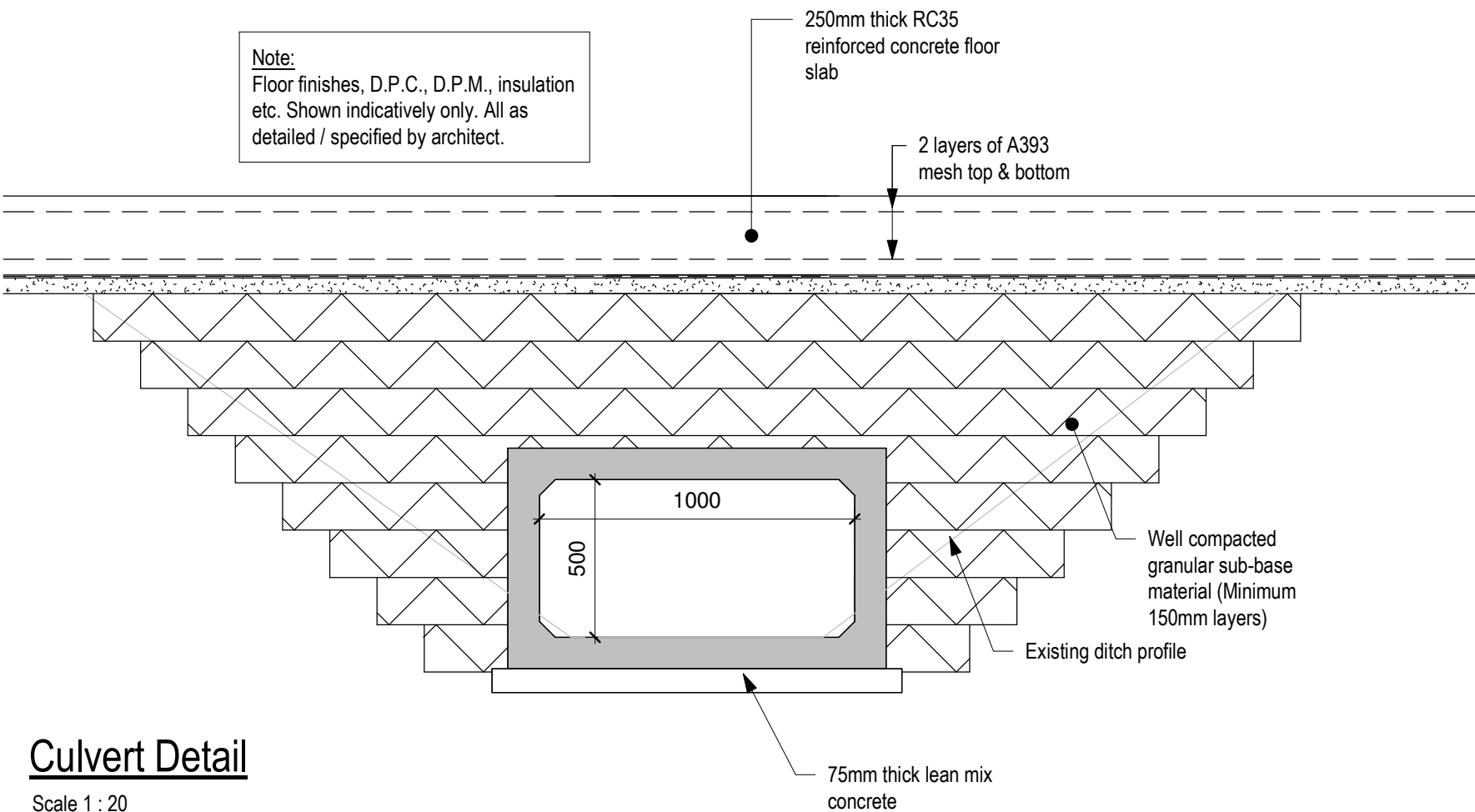
Baseplate Detail - BP3 (305x165 UB 54)

Scale 1 : 10



Ground Beam Detail

Scale 1 : 10



Culvert Detail

Scale 1 : 20

- Notes**
- All foundations are to be 600mm wide externally & 450mm wide internally unless noted otherwise.
 - Foundations to be set out on centreline of new wall construction over.
 - Pad foundations to be set out on centreline of new columns over.
 - The foundation design shown is based upon an assumed bearing pressure of 80kN/m².
 - All foundations should bear onto virgin soils. Depth of strip foundations to be minimum of 1m from found level subject to trial pits and proximity of trees to foundations.
 - Foundation design to be read in conjunction with the site investigation report. Contractor should appraise themselves of all engineering and contamination.

- General Notes:**
- Do not scale from this drawing/model or take off coordinates. All dimensions are in millimetres unless noted otherwise. any discrepancies are to be recorded and reported to the engineers immediately.
 - This drawing is to be read in conjunction with all other engineers and architects drawings and the specification.
 - All work is to be to the satisfaction of the engineer and local authority building control.
 - The contractor is responsible for and must take all necessary precautions to ensure the stability of the works at all times during construction.
 - All workmanship and materials are to be to current British Standards or Eurocodes. All construction products and structural steelwork should be CE marked in accordance with current legislation.
 - All services are to be located and protected as necessary by the contractor prior to the commencement of the works.
 - Any existing details which are shown on this drawing are for guidance only and are to be checked on site by the contractor. Any variations are to be recorded and reported to the engineer immediately.
 - Unless specified otherwise all building work which is subject to the requirements of schedule 1 and Regulation 7 of the Building Regulations 2010 is to be constructed in accordance with the guidance and details shown in approved document A and Approved Document 7 of the Building Regulations 2010. This includes, but is not limited to, floor and roof strapping details, wall tie requirements, minimum foundation widths and depths, and minimum material quality.

- Concrete Notes**
- Concrete is to be grade FND4 designated mix.
 - Blinding to be grade GEN1 concrete mix containing not less than 200kg/m² of O.P.C. and a nominal 20mm size aggregate.
 - Concrete is to be to BS EN 206 pt 1 to 4: 2000 and BS EN 8500 pt. 1 and 2: 2002.
 - The contractor is responsible for the design, support and erection of any form work required.
 - Flexible protection is to be provided around all service with 50mm compressible wrapping material.
 - Cover to all reinforcement is to be 50mm top and 50mm bottom and sides, unless noted otherwise.
 - The contractor is to supply stools, spacers, cover blocks etc. These items are not scheduled.
 - Reinforcement is to be to BS 4449: 2005, BS 4483: 2005 and BS 8666: 2005 as applicable.

T1	Tender Issue		SD	MP	12.05.2023
Iss	Notes	Draw	Approved	Date	
jms Group Engineering That Brings Design To Life.					
Issuing Office: JMS Midlands (Nuneaton): Victoria Court, 25 Tennant Street Nuneaton, Warwickshire, United Kingdom, CV11 4LZ Tel:02476 350 505					
Project: Lab Extension MIRA					
Drawing Title: Foundation Details					
Project No. CO23/0129/02		Drawing No. 315		Issue T1	
TENDER					