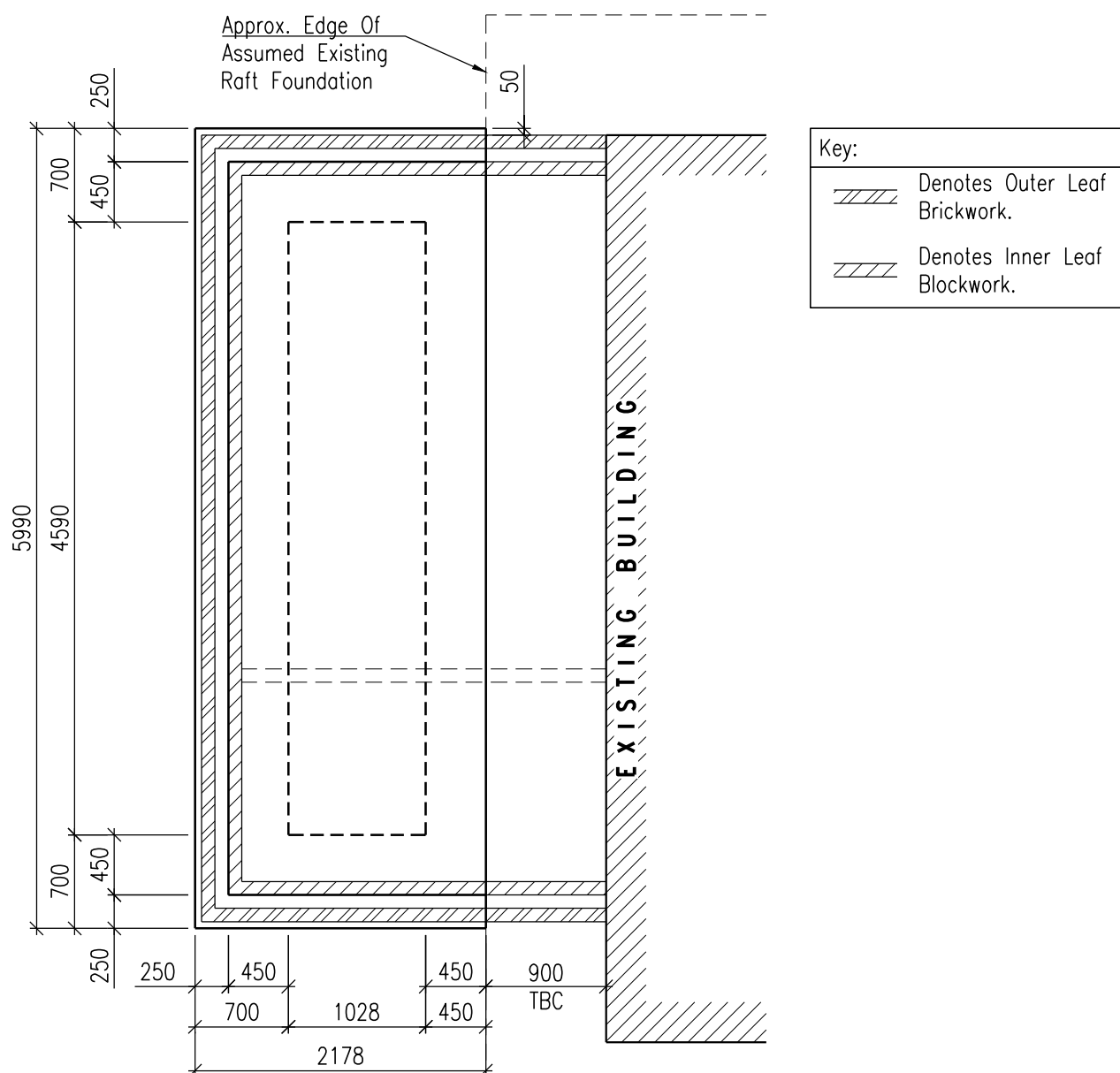


THIS DRAWING MUST BE READ IN  
CONJUNCTION WITH ALL RELEVANT  
DRAWINGS & STRUCTURAL CALCULATIONS

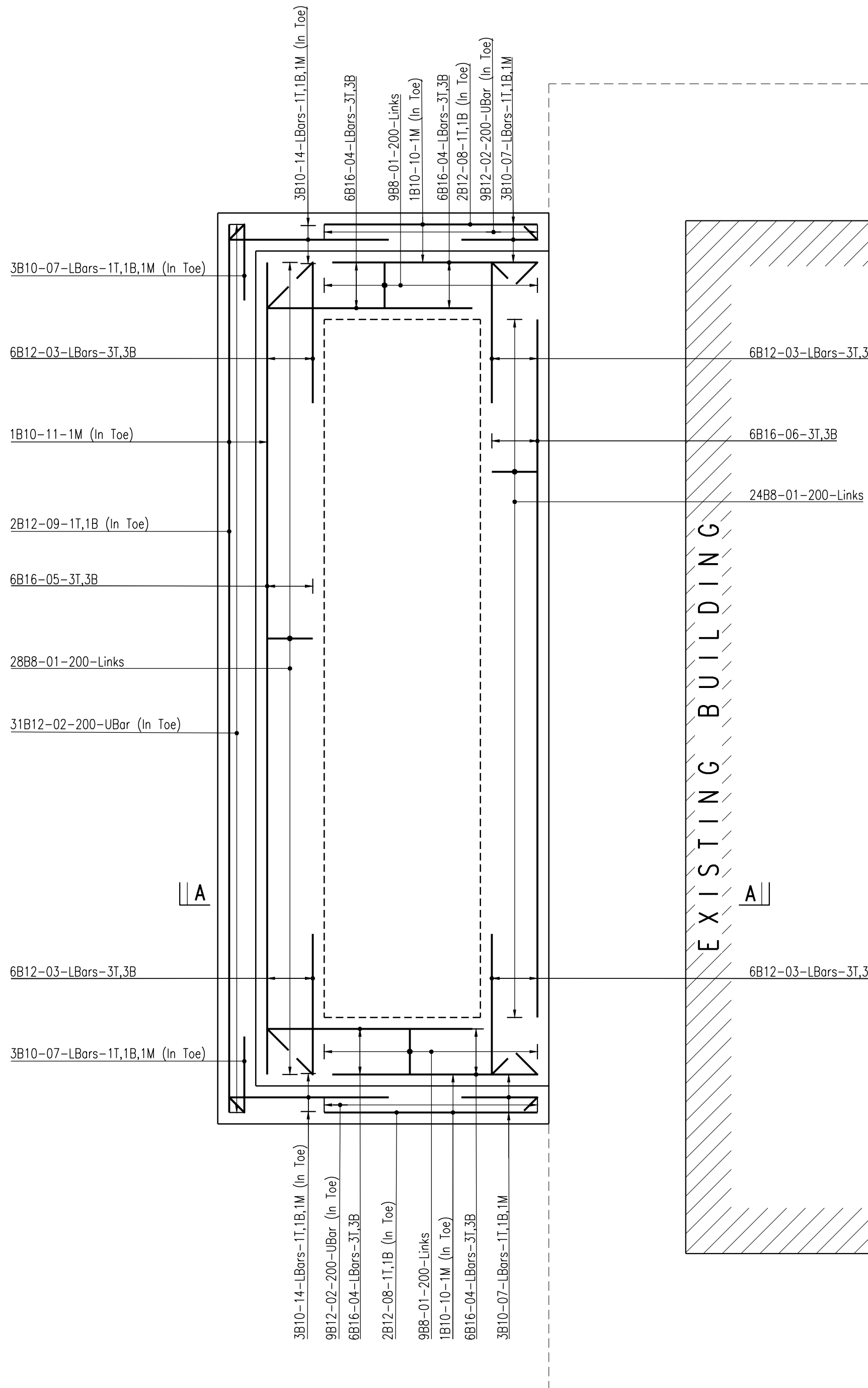
PLEASE REFER TO ARCHITECTS  
DRAWINGS FOR CONFIRMATION OF ALL  
WALL/SETTING OUT DIMENSIONS PRIOR  
TO COMMENCING OF WORKS



Proposed Setting Out Arrangement

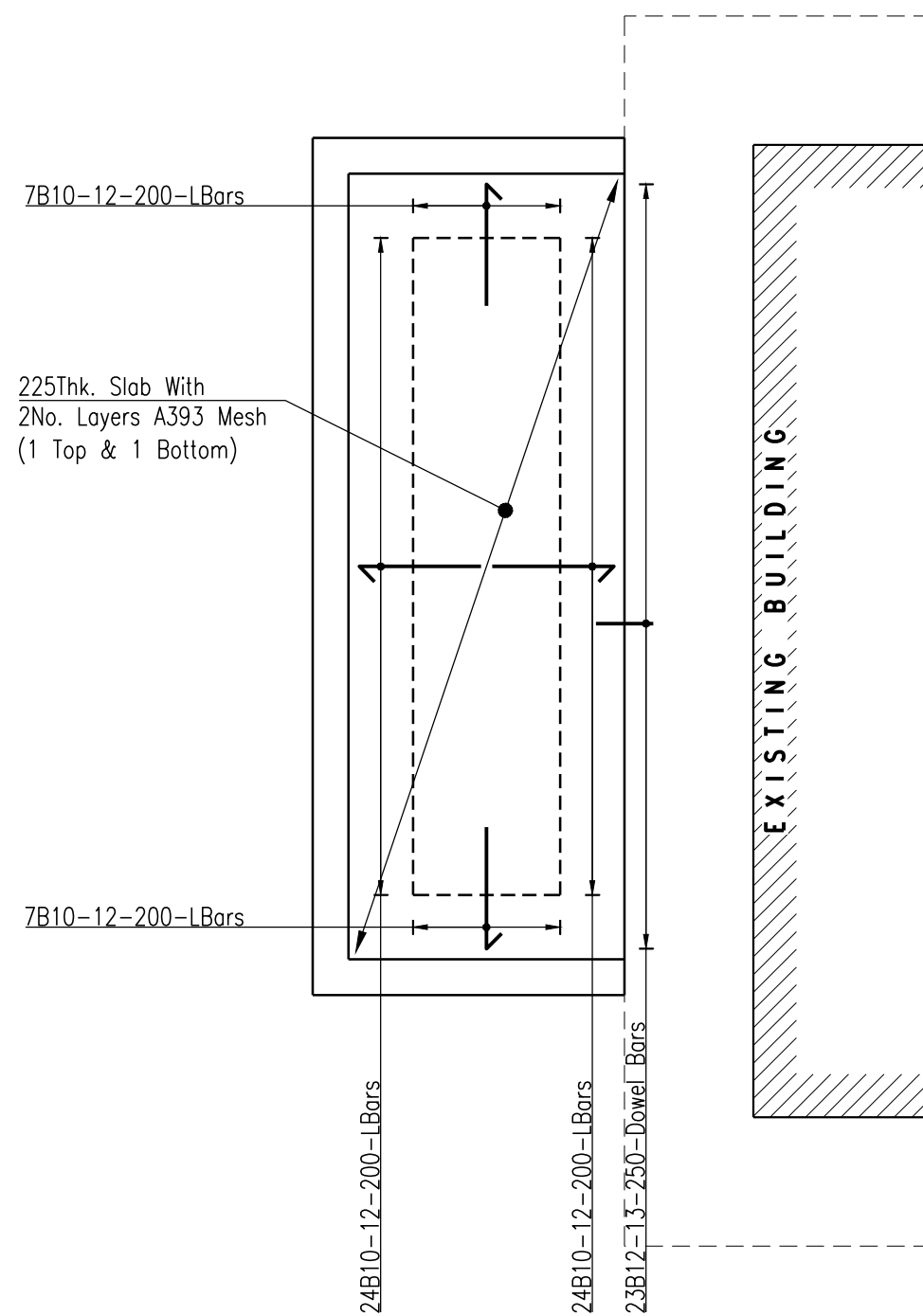
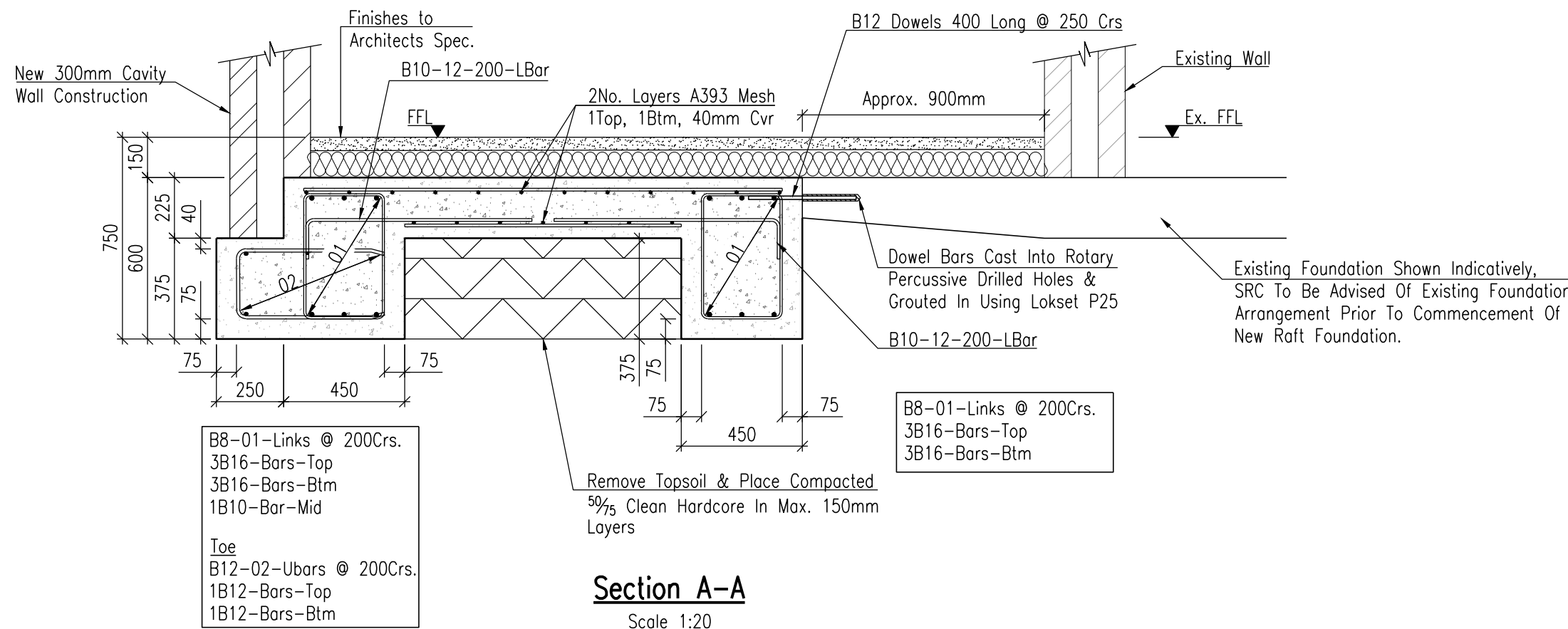
Scale 1:50

SETTING OUT AND REINFORCEMENT  
DETAILS ADJACENT TO EXISTING  
BUILDING TBC ONCE EXISTING  
FOUNDATION DETAIL IS CONFIRMED



Proposed Raft Reinforcement Arrangement

Scale 1:25



Proposed Slab Reinforcement Arrangement

Scale 1:50

FOUNDATION SPECIFICATION

- All strip/base foundations are to be placed within undisturbed natural strata at a depth to be agreed with the Building Inspector.
- All topsoil and vegetation is to be stripped and removed from full building footprint.
- It is the contractors responsibility to report any condition found on site during excavation which, in any way, may affect the present design (such as dubious ground, existing foundations, drains, trees, pits and shafts, etc.).
- It is the contractors responsibility to determine the presence of sulphate's or other deleterious material on site and to use an appropriately resistant cement.
- A 50mm blinding layer of lean mix concrete should be placed into the bottom of foundation excavations as soon as is practical. Should surface/ground water enter the excavations prior to blinding with concrete, the the bottoms are to be reformed to the satisfaction of the engineer.
- Reinforced concrete foundations to be minimum Grade C28/35 with a minimum O.P.C. content of 300 Kg/m<sup>3</sup> and a water cement ratio of 0.6
- Reinforcing bars (grade 460B), and Mesh Fabric to be High Yield Bar with a strength of 460N/mm<sup>2</sup> in accordance with BS 4461 and BS 4483 respectively.
- Minimum lap to reinforcing bars to be 40 times bar dia.
- Minimum lap to mesh fabric to be 350mm.
- All reinforced concrete to be compacted using an immersion vibrator to expell trapped air and form a consistent dense material.
- No concrete to be poured if ambient temperature is less than 5 degrees centigrade.
- For bar bending schedule refer to; 31221/BS/001/01.

A 26.08.21 Sub-base Detail Added To Section A-A

Rev Date Remarks

Status FOR INFORMATION

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Project Proposed Raft Design At Daintree Farm, Daintree Road, Ramsey St Mary For Huntingdonshire DC

Title Proposed Foundation Arrangement & Details

Date Aug '21 Scale 1:50, 1:25, 1:20 @A1

Drawn JA Checked MP

Design SRC File Name 31221-01

DRG No. 31221/01

Rev A