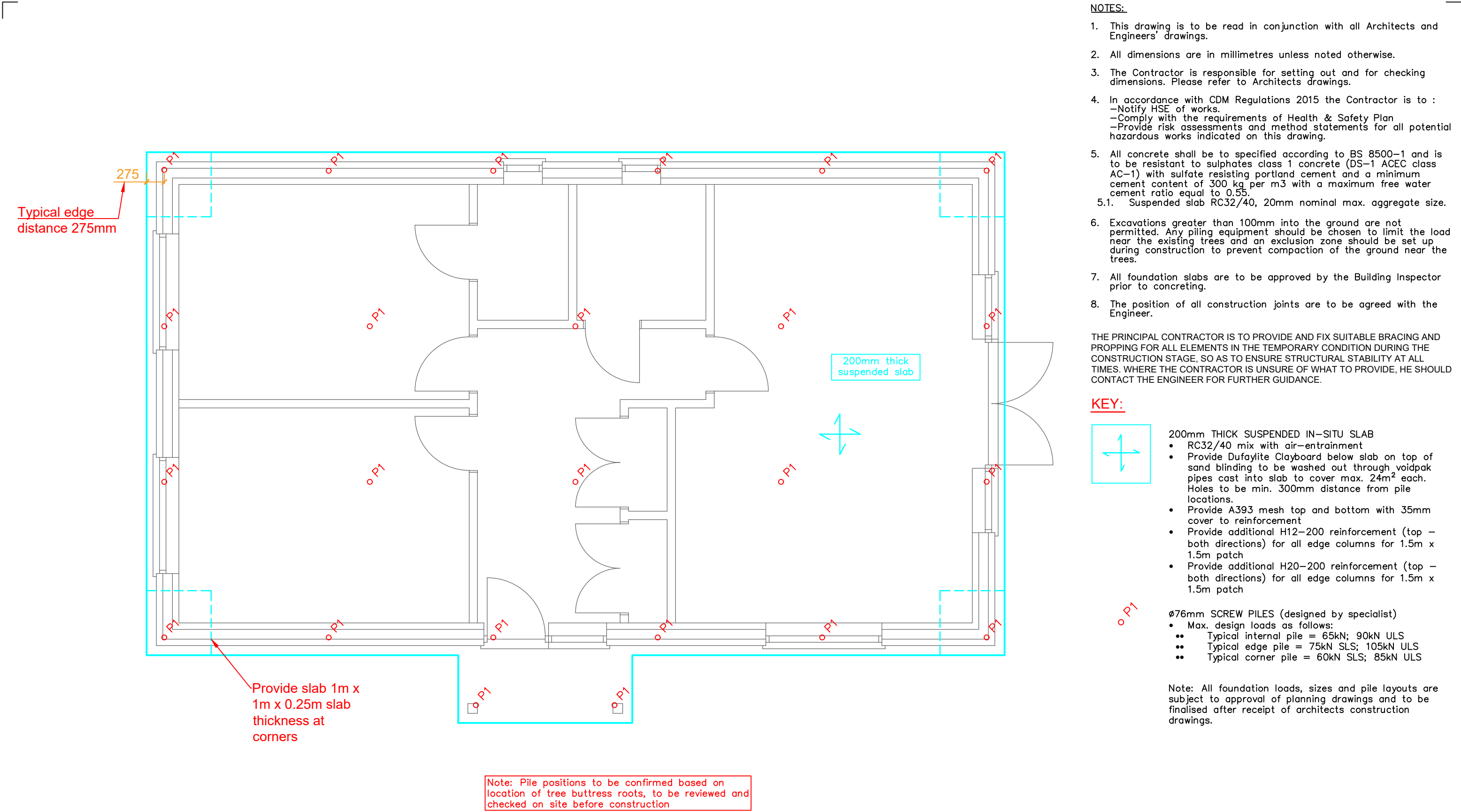




- NOTES:**
1. This drawing is to be read in conjunction with all Architects and Engineers' drawings.
 2. All dimensions are in millimetres unless noted otherwise.
 3. The Contractor is responsible for setting out and for checking dimensions. Please refer to Architects drawings.
 4. In accordance with CDM Regulations 2015 the Contractor is to :
 - Notify HSE of works.
 - Comply with the requirements of Health & Safety Plan
 - Provide risk assessments and method statements for all potential hazardous works indicated on this drawing.
 5. All concrete shall be to specified according to BS 8500–1 and is to be resistant to sulphates class 1 concrete (DS–1 ACEC class AC–1) with sulfate resisting portland cement and a minimum cement content of 300 kg per m3 with a maximum free water cement ratio equal to 0.55.
 - 5.1. Suspended slab RC32/40, 20mm nominal max. aggregate size.
 6. Excavations greater than 100mm into the ground are not permitted. Any piling equipment should be chosen to limit the load near the existing trees and an exclusion zone should be set up during construction to prevent compaction of the ground near the trees.
 7. All foundation slabs are to be approved by the Building Inspector prior to concreting.
 8. The position of all construction joints are to be agreed with the Engineer.

THE PRINCIPAL CONTRACTOR IS TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING THE CONSTRUCTION STAGE, SO AS TO ENSURE STRUCTURAL STABILITY AT ALL TIMES. WHERE THE CONTRACTOR IS UNSURE OF WHAT TO PROVIDE, HE SHOULD CONTACT THE ENGINEER FOR FURTHER GUIDANCE.

- KEY:**
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- 200mm THICK SUSPENDED IN–SITU SLAB
 - RC32/40 mix with air–entrainment
 - Provide Dufaylite Clayboard below slab on top of sand blinding to be washed out through voidpak pipes cast into slab to cover max. 24m² each. Holes to be min. 300mm distance from pile locations.
 - Provide A393 mesh top and bottom with 35mm cover to reinforcement
 - Provide additional H12–200 reinforcement (top – both directions) for all edge columns for 1.5m x 1.5m patch
 - Provide additional H20–200 reinforcement (top – both directions) for all edge columns for 1.5m x 1.5m patch
 - Ø76mm SCREW PILES (designed by specialist)
 - Max. design loads as follows:
 - Typical internal pile = 65kN; 90kN ULS
 - Typical edge pile = 75kN SLS; 105kN ULS
 - Typical corner pile = 60kN SLS; 85kN ULS

Note: All foundation loads, sizes and pile layouts are subject to approval of planning drawings and to be finalised after receipt of architects construction drawings.

Title:

PROPOSED FOUNDATION LAYOUT
STRUCTURAL G.A. SUMMARY

Job No: 240913	Job: NEW DWELLING AT BIRCHWOOD GARDENS, HEDGE END,SOUTHAMPTON.		
Date: DEC '25	Drawn: AD	Checked: -	Scale: N.T.S
Drg No: 240913/100P	Status: PRELIMINARY	Rev - P	

AD Civil & Structural Engineers

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