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PILE CAP TYPE 'PC2':

1100 L x 500 W x 500 D WITH

10-H16 U-BARS (5T, 5B) AND

4-LEGGED H10 LINKS @ 200 c/c

DESIGN BASED ON 200mm DIAMETER PILES. PILE DESIGN TO BE CARRIED OUT BY SPECIALIST PILING SUB-CONTRACTOR WITH AXIAL LOAD CAPACITY AS INDICATED (PILE TYPES A, B OR C. PILE CAP DESIGN BASED ON SPACING OF PILES OF 3xDIA. PILES MAYBE DRIVEN PROVIDED POTENTIAL VIBRATION AND NOISE HAS BEEN CONSIDERED.

PILE REF.	MIN. VERTICAL LOAD CAPACITY (WORKING LOAD)
А	100 kN
В	200 kN
С	300 kN



GENERAL NOTES

- 1. DO NOT SCALE FROM THIS DRAWING, IF IN DOUBT ASK.
- 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- 3. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICES AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- 5. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY IN WRITING TO THE ARCHITECT AND ENGINEER FOR VERIFICATION.
- 6. REFER TO ARCHITECTS DRAWING FOR SETTING OUT DIMENSIONS.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE NEW AND EXISTING BUILDING WHILST THE WORKS ARE IN PROGRESS.
- 8. ALL TEMPORARY WORKS ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN SAFE WORKING PRACTICES AND SHALL FULLY DISCHARGE THEIR OBLIGATIONS UNDER HEALTH AND SAFETY REGULATIONS.
- 9. ALL WORKS SHALL COMPLY WITH ALL RELEVANT STATUTORY REQUIREMENTS. BRITISH

CONCRETE NOTES

- 1. ALL REINFORCED CONCRETE MIXES TO BE DESIGNATED GRADE RC28/35 DS-2 AC-2 CLASS IN ACCORDANCE WITH BS 8500-2 & BS EN 206-1.
- 2. ALL MASS CONCRETE FOUNDATIONS TO BE DESIGNATED GRADE GEN 3 IN ACCORDANCE WITH BS 8500-2 & BS EN 206-1.
- 3. REINFORCEMENT IS TO BE CUT AND BENT IN ACCORDANCE WITH BS8666.
- 4. ALL REINFORCEMENT TO BE HIGH YIELD GRADE 500. IN ACCORDANCE WITH BS4449. 5. SAMPLING AND TESTING OF CONCRETE IS TO BE CARRIED OUT IN ACCORDANCE WITH
- BS EN 12350-1 & 2 BY THE CONCRETE SUPPLIER.
- 6. CONCRETE TO BE WELL COMPACTED BY MEANS OF A MECHANICAL VIBRATOR. 7. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ADEQUATE CHAIRS AND SPACERS TO
- SUPPORT REINFORCEMENT THROUGHOUT THE POUR. 8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK BAR BENDING SCHEDULES AGAINST THESE DETAILS, TO ENSURE THAT ALL REINFORCEMENT HAS BEEN INCLUDED
- ON THE SCHEDULE, AND IS CORRECT. 9. ALL FOUNDATION PROPOSALS ARE SUBJECT TO CONFIRMATION OF SITE CONDITIONS,
- AND INSPECTION BY BUILDING CONTROL, IF IN DOUBT CONTACT THE ENGINEER. 10. AGGREGATE NOMINAL SIZE FOR ALL RC TO BE 20mm.
- 11. MIN.COVER TO REINFORCEMENT TO BE:
- *BURIED FACES : 40mm *NON BURIED FACES 35mm
- *GROUND BEAMS : 40mm TOP & SIDES, 75mm BOTTOM
- 12. LAP LENGTHS ARE TO BE MINIMUM (UNLESS NOTED OTHERWISE):

H10 =	400mm
H12 =	500mm

H16 =	700mm
H20 =	800mm

- 13. MESH LAPS ARE TO BE MINIMUM 300mm. STAGGER AND NEST MESH LAPS TO AVOID EXCESSIVE BUILD UP OF LAYERS.
- 14. REFER TO SEPARATE DRAWINGS FOR REINFORCEMENT BENDING SCHEDULES.