



PLAN ON RAFT SLAB Nos 1 & 2 - THICKENING REINFORCEMENT

SCALE 1:50

**SITE DIMENSIONS:**  
ACCURATE ON-SITE MEASUREMENTS FOR OVERALL ELEMENT SIZES MUST BE CARRIED OUT PRIOR TO FABRICATION OF ANY STRUCTURAL ELEMENTS, BY THE CONTRACTOR OR SPECIALIST SUPPLIER. DESIGN DIMENSIONS WITHIN THE CALCULATIONS MUST NOT BE USED FOR THE PROCUREMENT OF ANY STRUCTURAL ELEMENTS. DO NOT SCALE OFF THIS DRAWING.

**MANUAL LIFTING:**  
ANY STRUCTURAL ELEMENT IN EXCESS OF 25kg REQUIRES SPECIFIC RISK ASSESSMENT AND CONSIDERATION OF ASSISTED LIFTING EQUIPMENT.

**CONCRETE NOTES:**

- ALL CONCRETE WORKS, MATERIALS, WORKMANSHIP ETC., TO BE IN ACCORDANCE WITH CURRENT EDITIONS OF BS 8110 - BRITISH STANDARDS, CODES OF PRACTICE FOR THE STRUCTURAL USE OF CONCRETE.
- ALL STRUCTURAL CONCRETE TO BE CAST ON 50mm MINIMUM THICKNESS OF CONCRETE BLINDING DESIGN MIX GEN1 OR STANDARD MIX ST1/ST2.
- MINIMUM CONCRETE COVER TO SHALL BE 40mm TO ALL SIDES UNLESS INDICATED OTHERWISE.
- CONCRETE QUALITY TO BE DESIGN GRADE RC35 USING 20mm NOMINAL AGGREGATES MINIMUM CEMENT CONTENT OF 280kg/m³ W/C RATIO = 0.6
- FOR DETAILS OF REINFORCEMENT REFER TO BAR BENDING SCHEDULE: 220007-CCL-XX-XX-SH-S-0701
- ALL STRUCTURAL CONCRETE SHALL BE ADEQUATELY COMPACTED USING POKER TYPE IMMERSION VIBRATOR WITHIN SUITABLE PURPOSE MADE SHUTTERS UNLESS OTHERWISE STATED.
- ALL REINFORCEMENT CAGES SHALL BE SECURELY WIRED TOGETHER AND LOCATED WITHIN THE SHUTTERS BY SUITABLY FIXED SPACERS, CHAIRS ETC.
- ALL CHAIRS AND SPACERS ARE TO BE SCHEDULED AND SUPPLIED BY THE CONTRACTOR.
- REINFORCEMENT CALLED UP THUS:

|          |   |                   |   |          |   |          |   |       |
|----------|---|-------------------|---|----------|---|----------|---|-------|
| 10       | - | H10               | - | (01)     | - | 200      | - | T1/B1 |
| NO. BARS |   | BAR TYPE AND SIZE |   | BAR MARK |   | BAR CTRS |   | LAYER |

ABBREVIATIONS:  
T - TOP FACE  
B - BOTTOM FACE  
C - CENTRAL ON BEAM / WALL FACE  
NF - NEAR FACE  
FF - FAR FACE

REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT, DPMS AND FINISHES

FOR RAFT SLAB REINFORCEMENT REFER TO DRAWING 220007-CCL-XX-XX-DR-S-0700

|     |          |                                       |    |       |       |
|-----|----------|---------------------------------------|----|-------|-------|
|     |          |                                       |    |       |       |
| P02 | 17.06.24 | RAFT SLAB SPLIT INTO 3 SEPARATE SLABS | AW | NTE   |       |
| P01 | 30.05.24 | PRELIMINARY ISSUE                     |    | AW    | NTE   |
| rev | date     | details                               |    | drawn | check |



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title  
RAFT SLAB THICKENING REINFORCEMENT  
SHEET 1

CCL ref: drawn design checked scale size date  
220007 AW JP NTE 1:50 A1 (L) 20.05.2024

status:  
S3 - SUITABLE FOR REVIEW & COMMENT

drawing number revision  
220007-CCL-XX-XX-DR-S-0701 P02

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