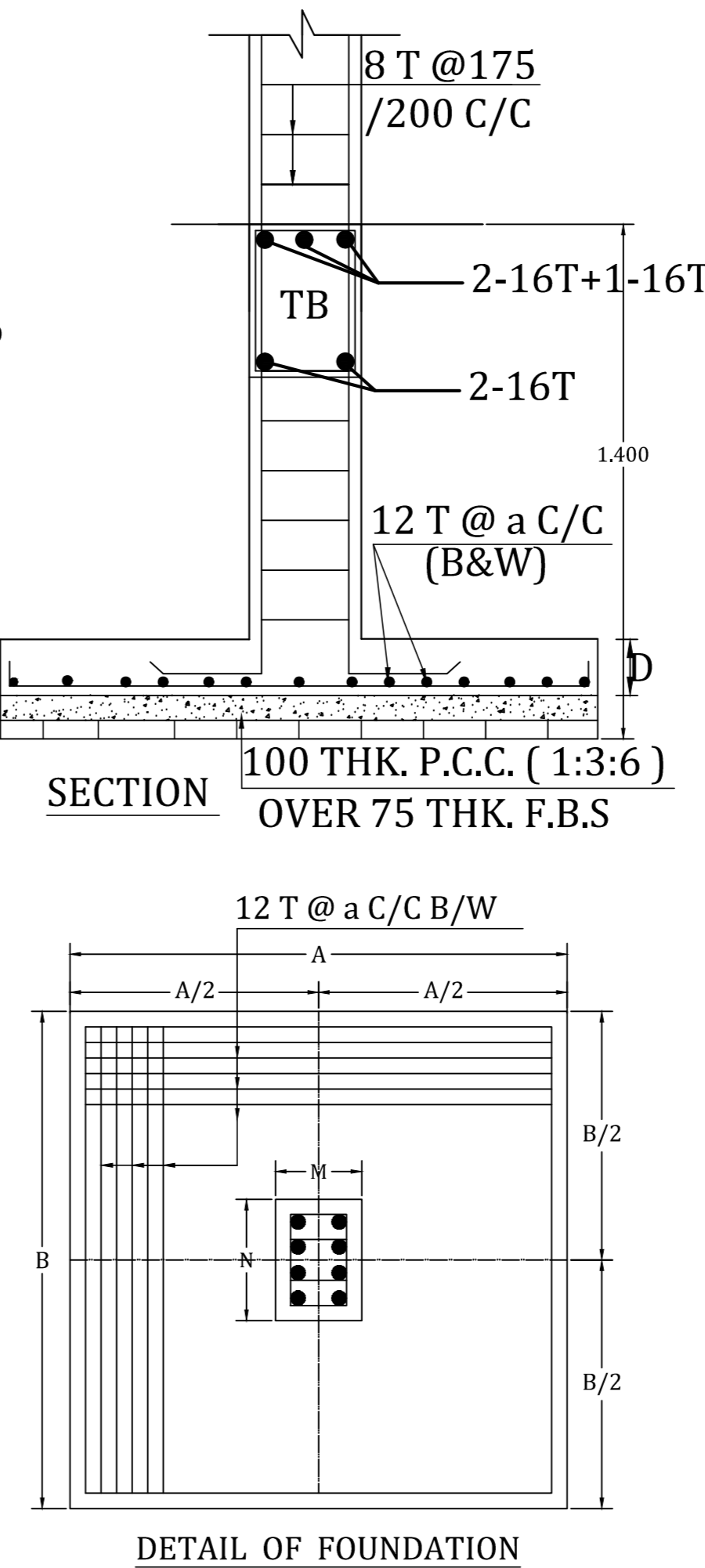
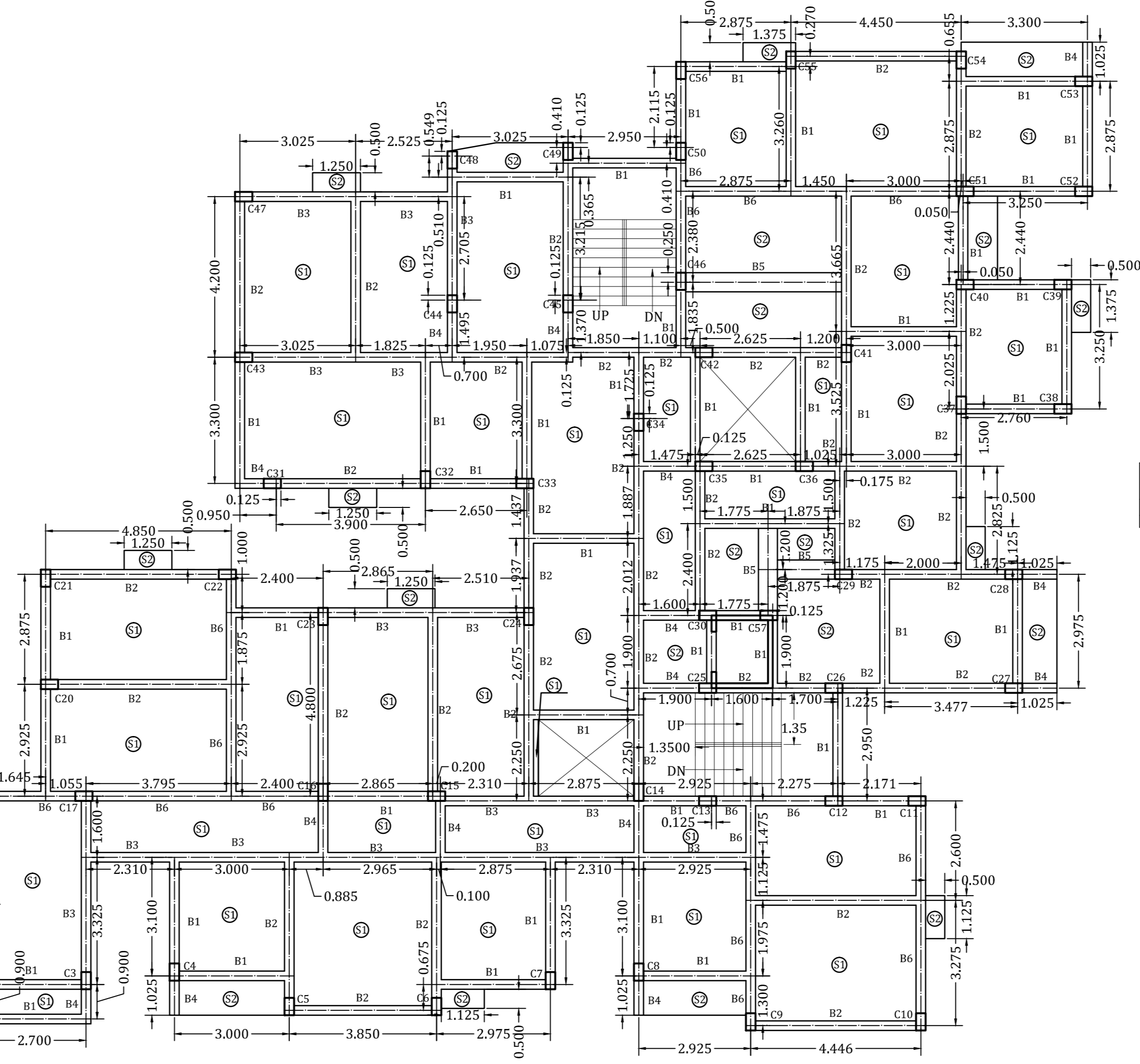
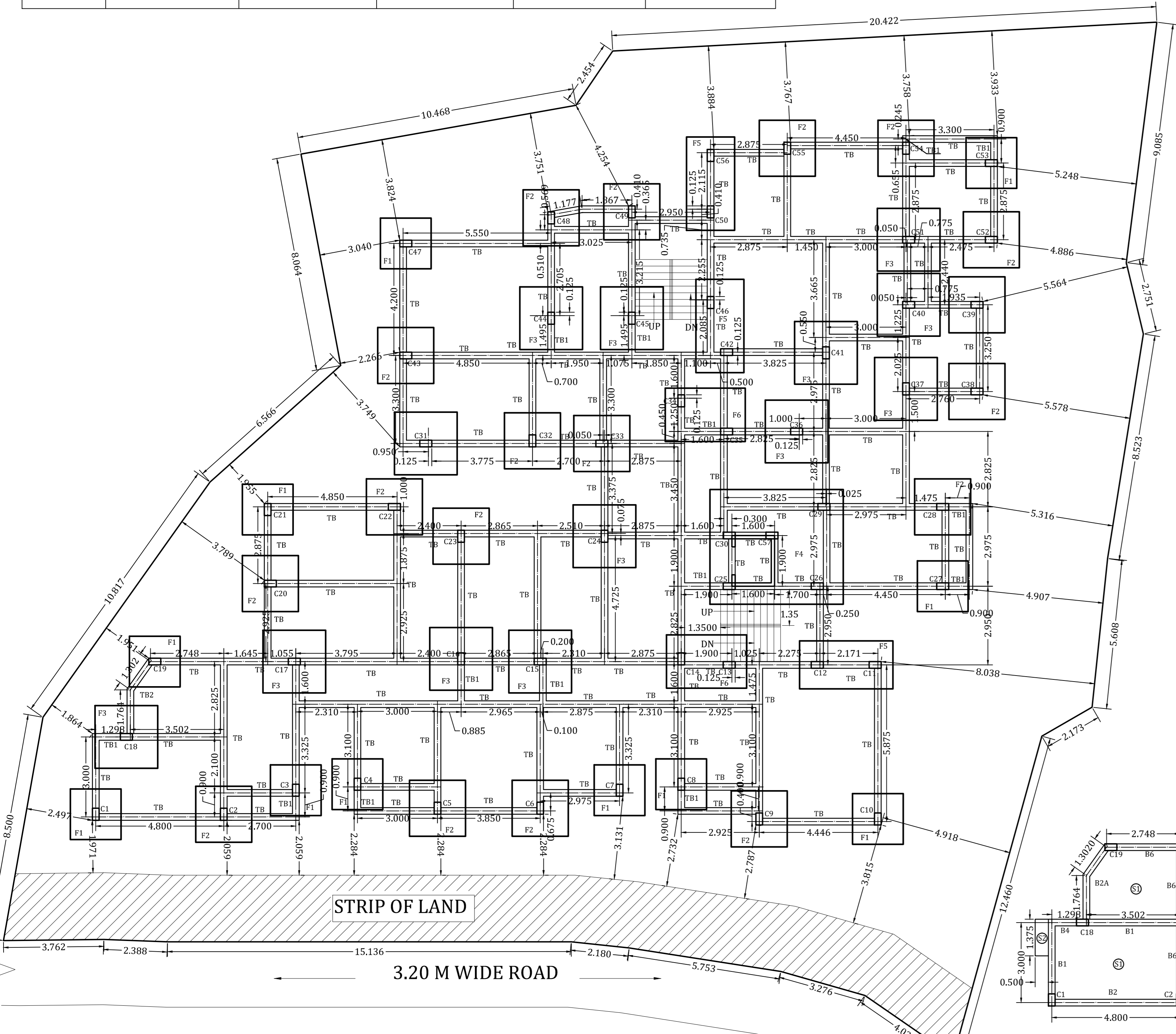
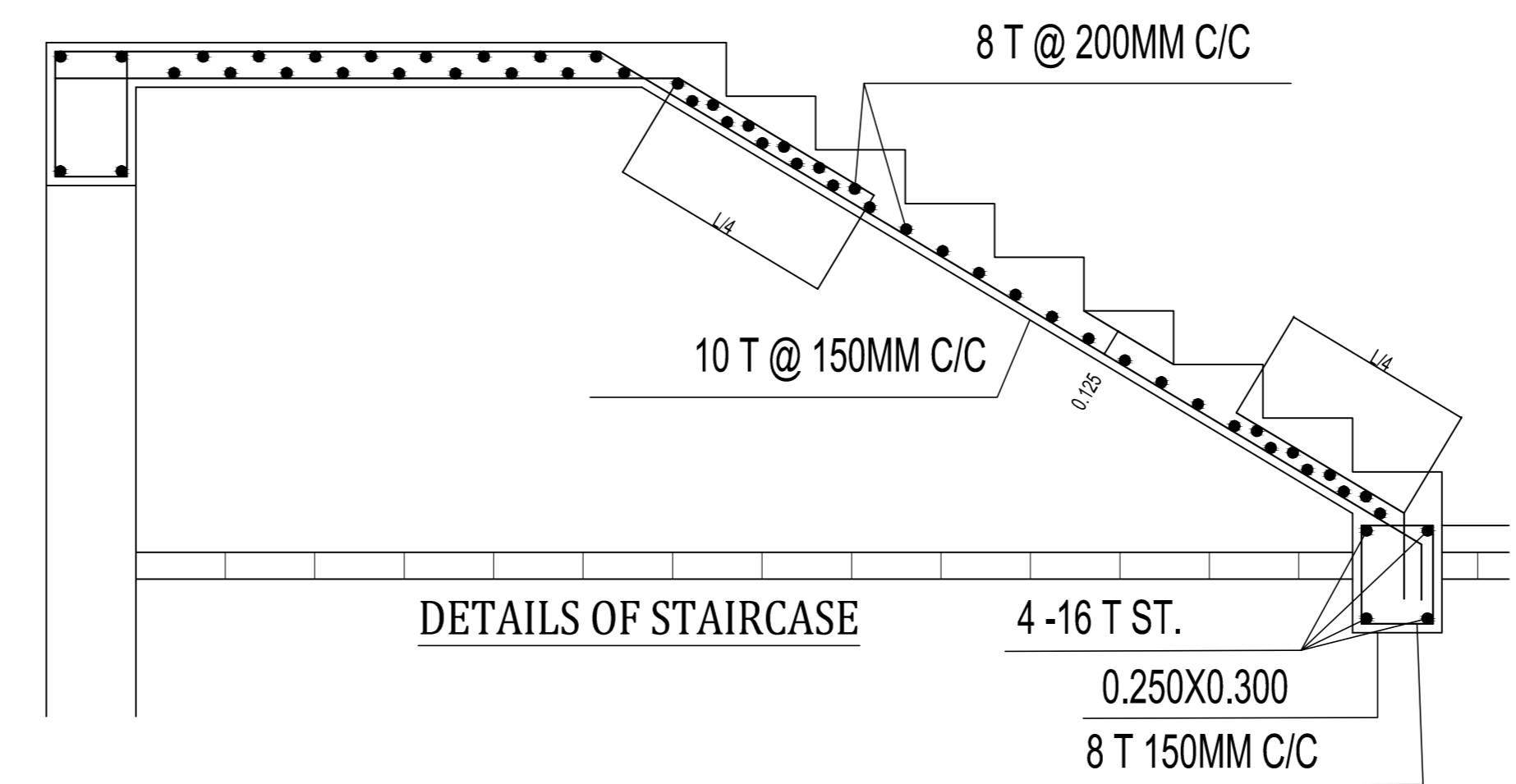
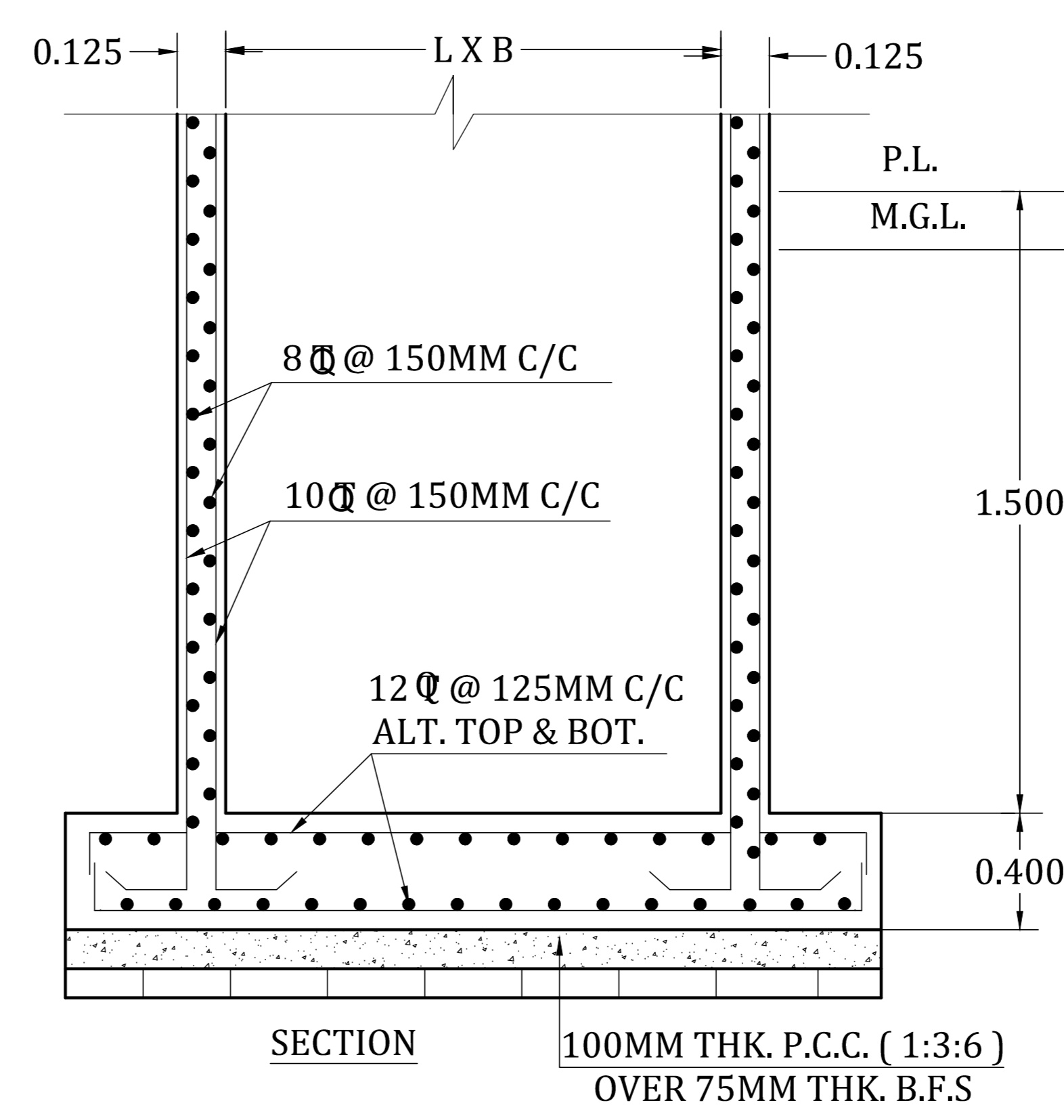


| SCHEDULE OF R.C.C. BEAMS | | | | |
|--------------------------|-------------|--|--|-----------------------|
| BEAM MKD. | SIZE | AT SUPPORT | AT MID SPAN | STIRRUPS SUPPORT/SPAN |
| B1 | 0.250X0.350 | TOP: 2-16TST. 1-16TEXT. BOT: 2-16TST. | TOP: 2-16TST. BOT: 2-16TST. 1-16TEXT. | 8 T @ 200 MM C/C |
| B2 | 0.250X0.400 | TOP: 2-16TST. 2-16TEXT. BOT: 2-16TST. | TOP: 2-16TST. BOT: 2-16TST. 2-16TEXT. | 8 T @ 150 MM C/C |
| B3 | 0.250X0.450 | TOP: 2-16TST. 2-16TEXT. BOT: 2-16TST. | TOP: 2-16TST. BOT: 2-16TST. 2-20TEXT. | 8 T @ 125 MM C/C |
| B4 | 0.250X0.500 | TOP: 2-16TST. 2-20TST. BOT: 2-16TST. | TOP: 2-16TST. BOT: 2-16TST. | 8 T @ 115 MM C/C |
| B5 | 0.500X0.125 | TOP: 3-12TST. 2-16TST. BOT: 3-12TST. 2-16TST. | TOP: 3-12TST. BOT: 3-12TST. 2-16TST. | 8 T @ 150 MM C/C |
| B6 | 0.250X0.500 | TOP: 2-20TST. 2-20TEXT. BOT: 2-20TST. | TOP: 2-20TST. BOT: 2-20TST. 2-20TEXT. | 8 T @ 125 MM C/C |
| B2A | 0.250X0.450 | TOP: 2-16TST. 2-16TEXT. MID: 2-12TST. BOT: 2-16TST. | TOP: 2-16TST. MID: 2-12TST. BOT: 2-16TST. 2-16TEXT. | 8 T @ 150 MM C/C |
| TB | 0.250X0.450 | TOP: 2-16TST. 1-16TEXT. BOT: 2-16TST. | TOP: 2-16TST. BOT: 2-16TST. 1-16TEXT. | 8 T @ 200 MM C/C |
| TB1 | 0.250X0.450 | TOP: 4-16TST. BOT: 2-16TST. | TOP: 2-16TST. BOT: 2-16TST. | 8 T @ 115 MM C/C |
| TB2 | 0.250X0.450 | TOP: 2-16TST. 2-16TEXT. MID: 2-12TST. BOT: 2-16TST. | TOP: 2-16TST. MID: 2-12TST. BOT: 2-16TST. 2-16TEXT. | 8 T @ 150 MM C/C |

| SCHEDULE OF SLAB | | | | | |
|------------------|-----------|-------------------|------------|------------------|-----------|
| PANEL MKD. | THICKNESS | SHORTER DIRECTION | | LONGER DIRECTION | |
| | M | SUPPORT | SPAN | SUPPORT | SPAN |
| S1 | 0.100 | 8T@150C/C | 8T@150C/C | 8T@175C/C | 8T@175C/C |
| S2 | 0.125 | 8T@125C/C | 8T@125C/C | 8T@150C/C | 8T@150C/C |
| STAIR | 0.125 | 10T@150C/C | 10T@150C/C | 8T@200C/C | 8T@200C/C |

| SCHEDULE OF FOUNDATION | | | | | |
|--|----------|--------------------|------------------|-----------------------|------------------------|
| UNDER COLUMN MKD. | FDN MKD. | SIZE | "D" OVER ALL (M) | REINFORCEMENT | |
| | | | | SHORTER DIRN. | LONGER DIRN. |
| C1,C3,C4,C7,C8, C10,C19,C21,C27, C47,C53 | F1 | A B 1.900X1.900 | 0.275 | 12 T @ 150MM C/C | 12 T @ 150MM C/C |
| C2,C5,C6,C9,C20, C22,C23,C28,C32, C33,C38,C39,C48, C49,C52,C54,C55 | F2 | A B 2.100X2.100 | 0.275 | 12 T @ 135MM C/C | 12 T @ 135MM C/C |
| C15,C16,C17,C18, C24,C31,C36,C37, C40,C41,C44,C45, C50,C51 | F3 | A B 2.350X2.350 | 0.300 | 12 T @ 130MM C/C | 12 T @ 130MM C/C |
| C25-C26-C29-LIFT-C57 | F4 | A B 4.300X5.000 | 0.400 | 12 T @ 125MM C/C(T&B) | 12 T @ 125MM C/C (T&B) |
| C11-C12,C42-C46, C50-C56 | F5 | A B 1.800X3.500 | 0.275 | 12 T @ 140MM C/C(T&B) | 12 T @ 170MM C/C (T&B) |
| C13-C14,C34-C35 | F6 | A B 2.000X3.000 | 0.300 | 12 T @ 125MM C/C(T&B) | 12 T @ 125MM C/C (T&B) |

| COLUMN SCHEDULE | | |
|---|--|----------------|
| COLUMN MKD. | REINFORCEMENT | TIES |
| C1,C2,C3,C4,C5,C6,C7,C8,C9, C10,C12,C18,C19,C20,C21,C22, C23,C24,C26,C27,C28,C31,C32, C33,C38,C39,C40,C43,C47,C48, C49,C50,C51,C52,C53,C54,C55, C56 | M N 0.250X0.400 4-16T + 4-12T | 8T@175C/C (2L) |
| C11,C13,C14,C15,C16,C17,C25, C29,C30,C34,C35,C36,C37,C41, C42,C44,C45,C46,C57 | M N 0.250X0.450 8-16T | 8T@200C/C (4L) |



PROJECT NAME :-
STRUCTURAL PLAN OF PROPOSED G+III STORIED APARTMENT TYPE RESIDENTIAL BUILDING OF SMT JHARNA RUDRA W/O LATE CHANDIDAS RUDRA R.S. PLOT NO - 9953, 10471,10470 R.S KHATIAN NO - 175, MOUZA - ASANSOLE MUNICIPALITY. J.L. NO - 20, L.R. KHATIAN NO- 15792, L.R. PLOT NO - 14203,14625,14624. DIST- PASCHIM BARDHAMAN. W.B. UNDR ASANSOL MUNICIPAL CORPORATION.

- SPECIFICATIONS-**
- DEPTH OF FOUNDATION IS AT 1.400 M. BELOW EX. G.L.
 - SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT.
 - GRADE OF CONC. IS M-20 AND GRADE OF STEEL IS Fe-550.
 - CLEAR COVER TO MAIN REIN. IS AS PER BELOW :-
 - FOUNDATION - 75 MM.
 - COLUMN - 40 MM.
 - BEAM - 25 MM.
 - SLAB - 15 MM.
 - ALL SLABS MUST BE CAST MONOLYTHIC WITH SUPPORTING BEAM.
 - ALL OTHER SPECIFICATIONS ARE AS PER NATIONAL BUILDING CODE OF INDIA.

SIGNATURE OF OWNERS

CERTIFICATE OF ARCHITECT / L.B.S. :-
 CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ABUTTING ROAD IS CONFORM WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THERE IS AN EXISTING STRUCTURE TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK. IT IS FULLY OCCUPIED BY THE OWNER. THERE IS NO TENANT.

SIGNATURE OF L.B.S
 SUVANKAR CHAUDHURI
 AMC/074

CERTIFICATE OF STRUCTURAL ENGINEER :-
 THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA AND BASIS OF SOIL INVESTIGATION REPORT BY MR.RUPAK KUMAR BANERJEE (B.C.E M.E.,MIGS) ENLISTED GEO-TECHNICAL ENGINEER . CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

[SUVANKAR CHAUDHURI
 AMC/075 //ESE/1215

SIGNATURE OF E.S.E

SCALE 1:1
 (UNLESS OTHERWISE MENTIONED)

ALL DIMENS
 (UNLESS OTHERW

