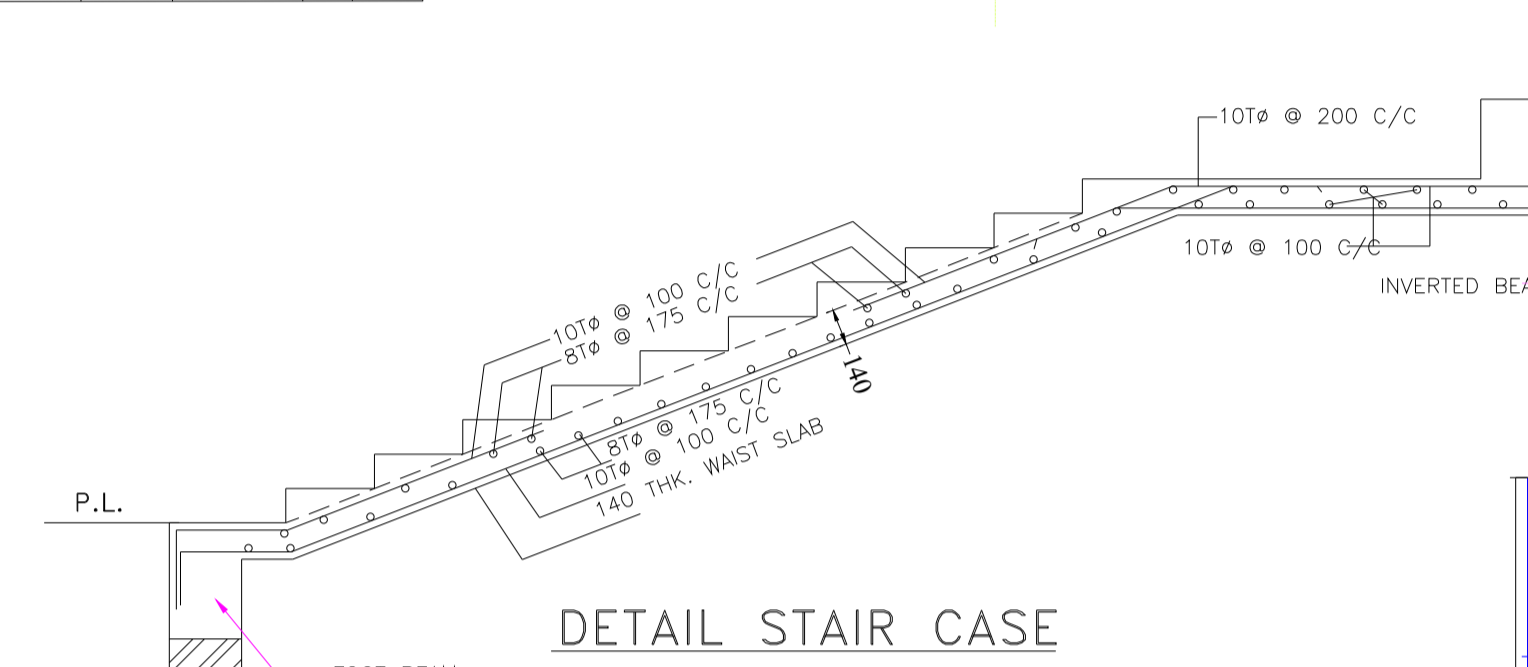
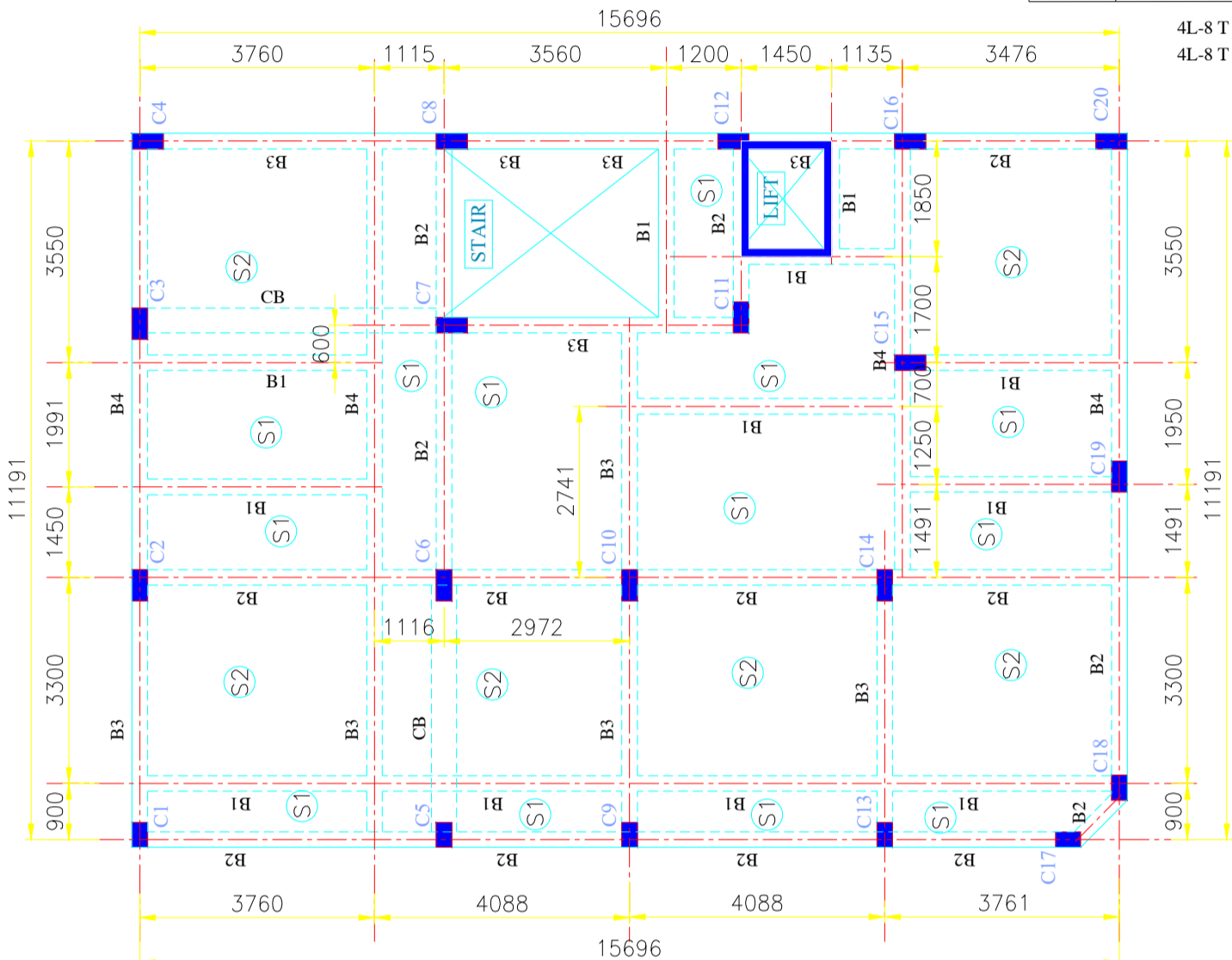
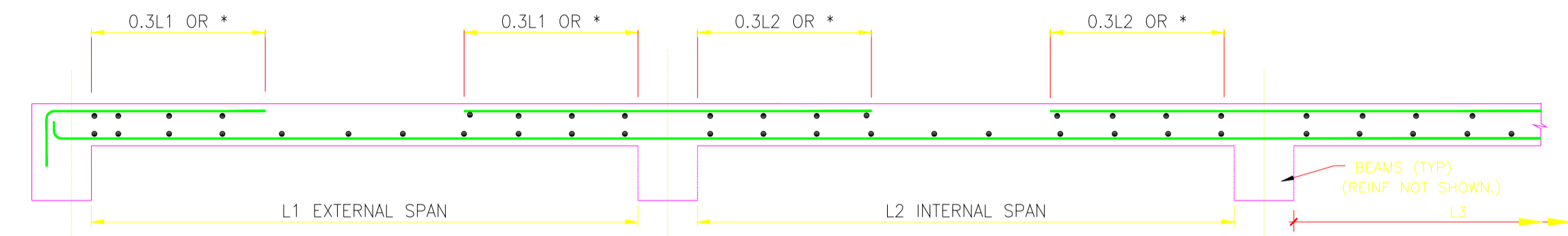
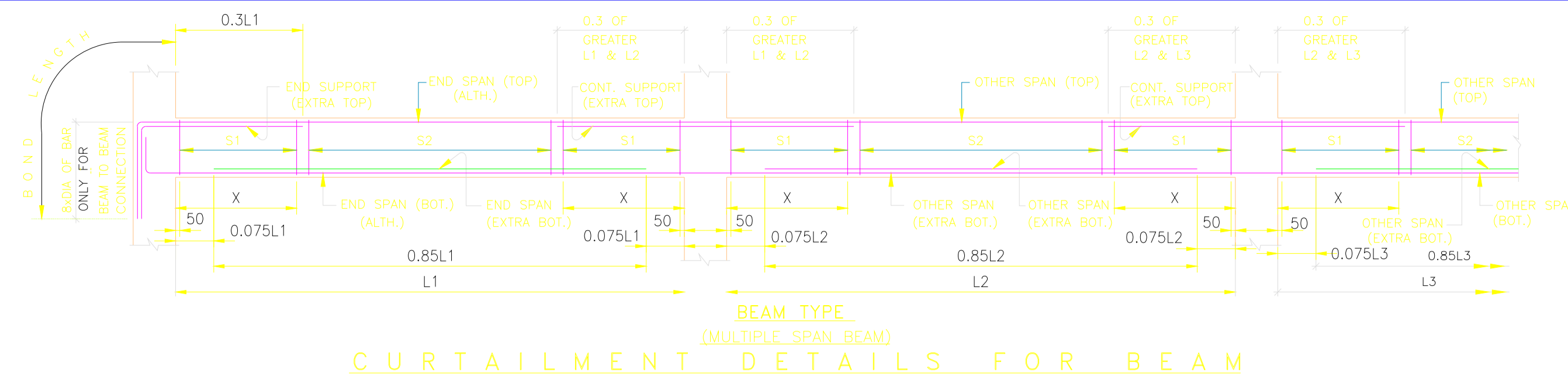


SCHEDULE OF FOUNDATION
DEPTH OF FOUNDATION = 1.5 M. BELOW E.G.L.

| FND. MKD. | TYPE OF FND. | DEPTH | SIZE OF FOUNDATION (L.M. X W.M.) | THICKNESS OF SLAB (MM.) | REINFORCEMENT IN SLAB ALONG SHORTER DIRECTION | REINFORCEMENT IN SLAB ALONG LONGER DIRECTION |
|-----------|------------------|------------------------------|----------------------------------|-------------------------|---|--|
| F-1 | ISOLATED FOOTING | 1500 | 2.4 X 2.4 | 500 TO 200 | 12 T @ 125 MM. C/C. | 12 T @ 150 MM. C/C. |
| F-2 | | 1500 | 2.8 X 2.8 | 500 TO 200 | 12 T @ 110 MM. C/C. | 12 T @ 110 MM. C/C. |
| F-3 | | 1500 | 3.6 X 3.0 | 500 TO 200 | 12 T @ 100 MM. C/C. | 12 T @ 100 MM. C/C. |
| F-4 | COMBINED FOOTING | 1500 | 6.3 X 3.3 | 500 TO 200 | 12 T @ 100 MM. C/C. | 12 T @ 100 MM. C/C. |
| F-5 | | 1500 | 3.8 X 2.65 | 500 TO 200 | 12 T @ 125 MM. C/C. | 12 T @ 150 MM. C/C. |
| F-6 | RAFT FDN | 1500 | 7.2 X 3.3 | 500 TO 200 | 12 T @ 100 MM. C/C. | 12 T @ 150 MM. C/C. |
| F-7 | | 1650 FROM PL TO FDN SLAB TOP | 6.4 X 5.6 | 400 | 12 T @ 150 MM. C/C. | 12 T @ 150 MM. C/C. |

SCHEDULE OF BEAM

| BEAM MKD. | SIZE OF BEAM (MM. X MM.) | SUPPORT LONG REINF. TOP | SUPPORT LONG REINF. BOTTOM | SPAN LONG REINF. TOP | SPAN LONG REINF. BOTTOM | STIRRUPS END L4 | STIRRUPS MID L2 |
|-----------|---------------------------|-------------------------|----------------------------|----------------------|-------------------------|--------------------|--------------------|
| B-1 | 250 (WIDTH) X 400 (DEPTH) | 2-16 T + 2-16 T | 2-16 T | 2-16 T | 2-16 T + 2-16 T | | |
| B-2 | 250 (WIDTH) X 400 (DEPTH) | 3-16 T + 2-16 T | 3-16 T | 3-16 T | 3-16 T + 2-16 T | | |
| B-3 | 250 (WIDTH) X 400 (DEPTH) | 3-16 T + 3-16 T | 3-16 T | 3-16 T | 3-16 T + 3-16 T | | |
| B-4 | 250 (WIDTH) X 525 (DEPTH) | 3-16 T + 3-16 T | 3-16 T | 3-16 T | 3-16 T + 3-16 T | | |
| TB1 | 250 (WIDTH) X 400 (DEPTH) | 3-16 T | 3-16 T | 3-16 T | 3-16 T | 8 T @ 125 MM. C.C. | 8 T @ 125 MM. C.C. |
| TB2 | 250 (WIDTH) X 400 (DEPTH) | 4-16 T | 4-16 T | 4-16 T | 4-16 T | | |
| TB3 | 250 (WIDTH) X 525 (DEPTH) | 4-16 T | 4-16 T | 4-16 T | 4-16 T | | |
| R2 | 450 (WIDTH) X 700 (DEPTH) | 4-16 T + 4-16 T | 4-16 T + 4-16 T | 4-16 T + 4-16 T | 4-16 T + 4-16 T | X | Y |
| RB1 | 500 (WIDTH) X 700 (DEPTH) | 4-16 T + 2-20 T | 4-16 T + 2-20 T | 4-16 T + 2-20 T | 4-16 T + 2-20 T | X | Y |



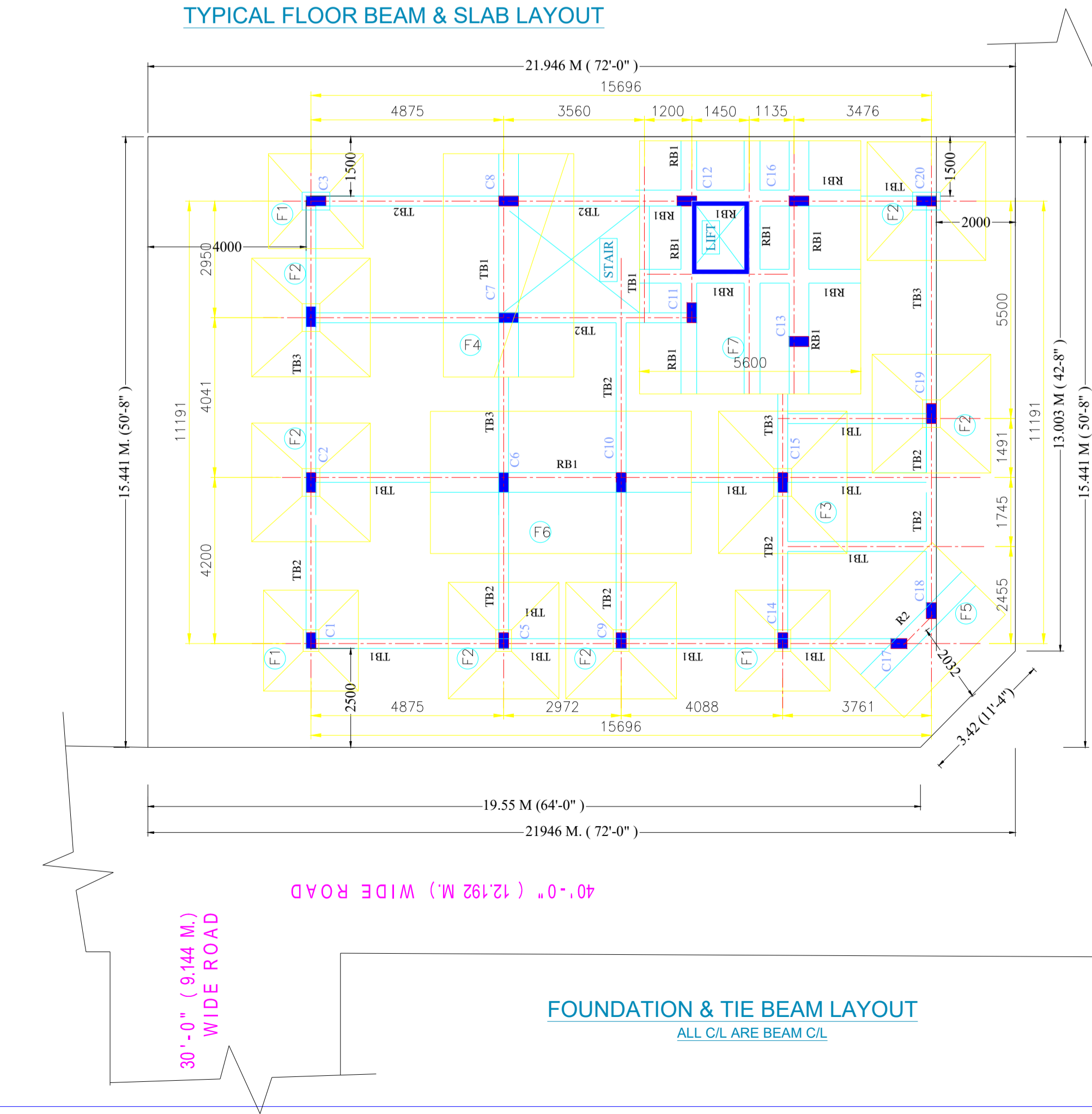
SCHEDULE OF COLUMNS

COLUMN SIZES WITH REINFORCEMENTS

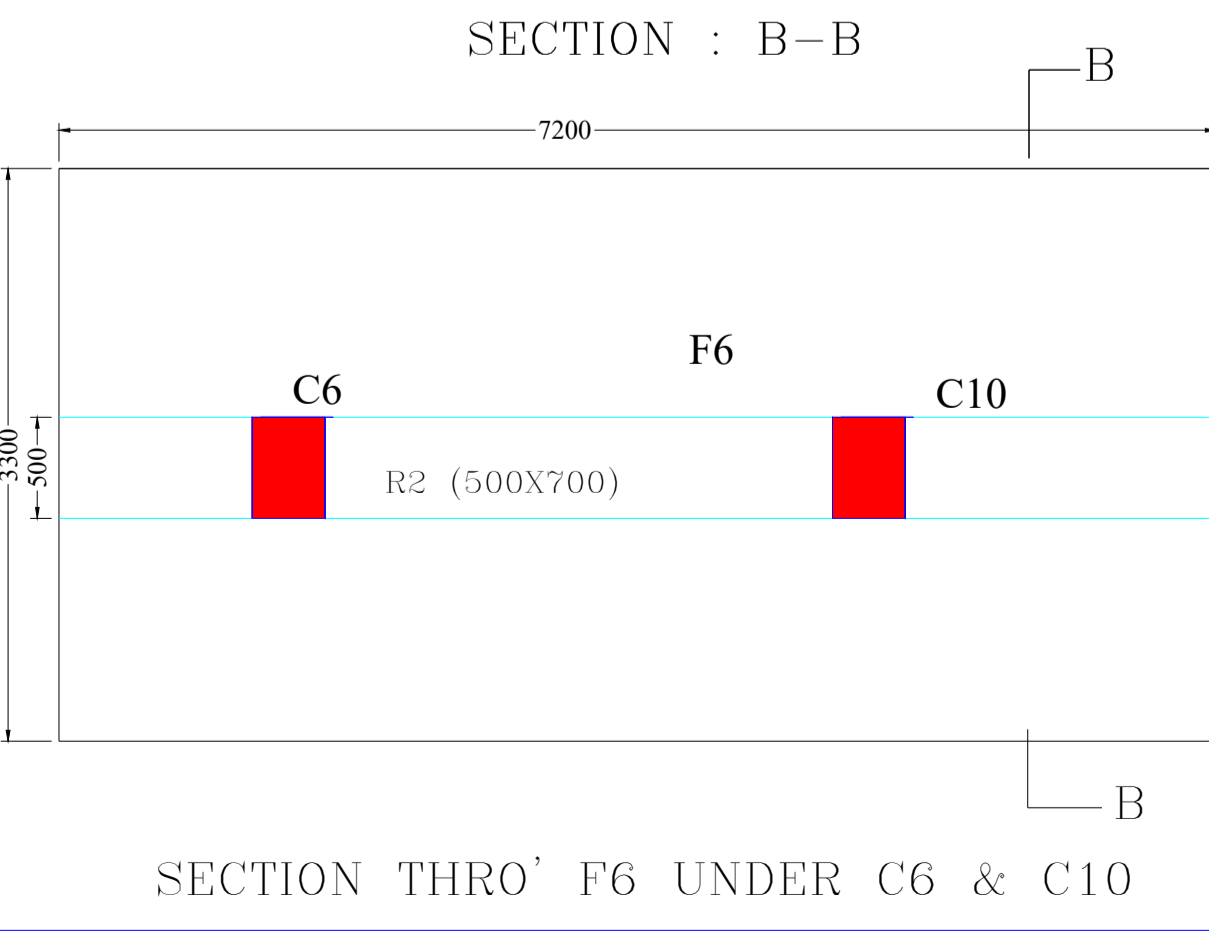
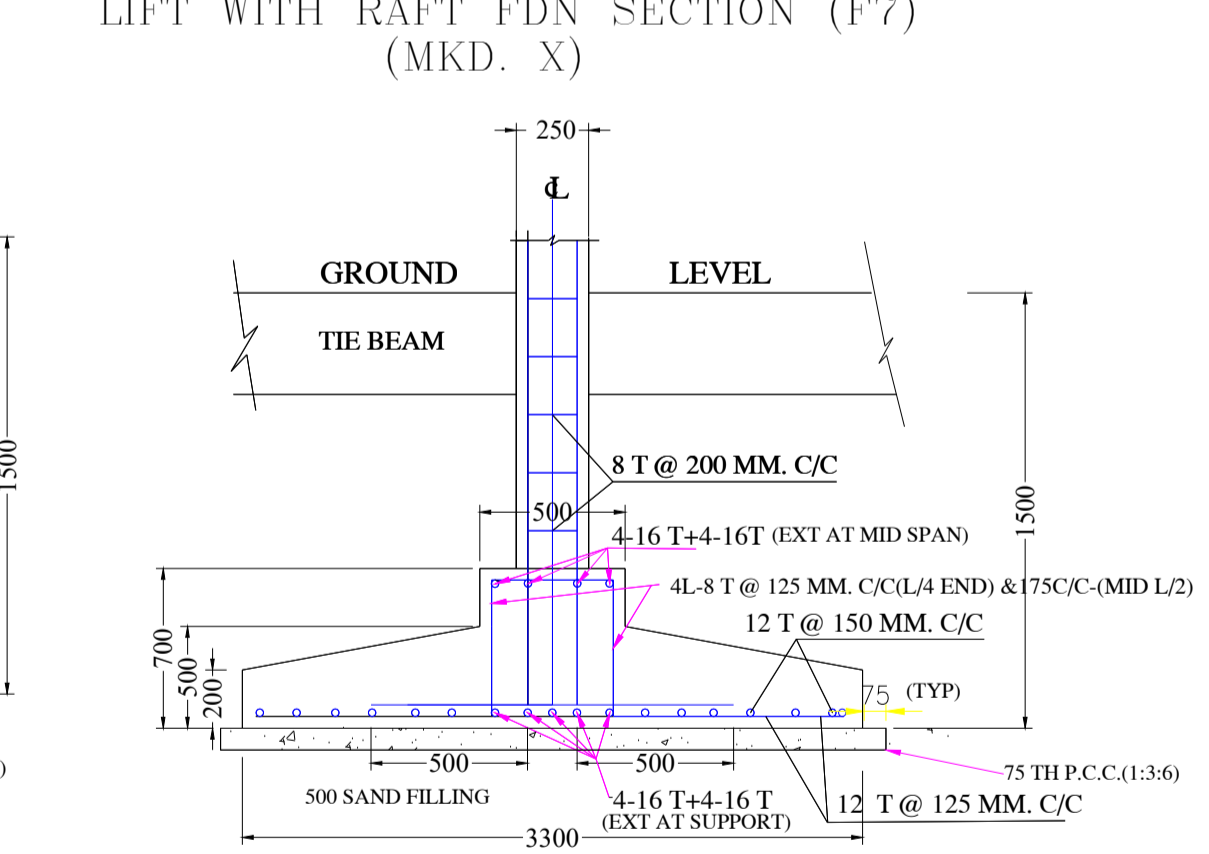
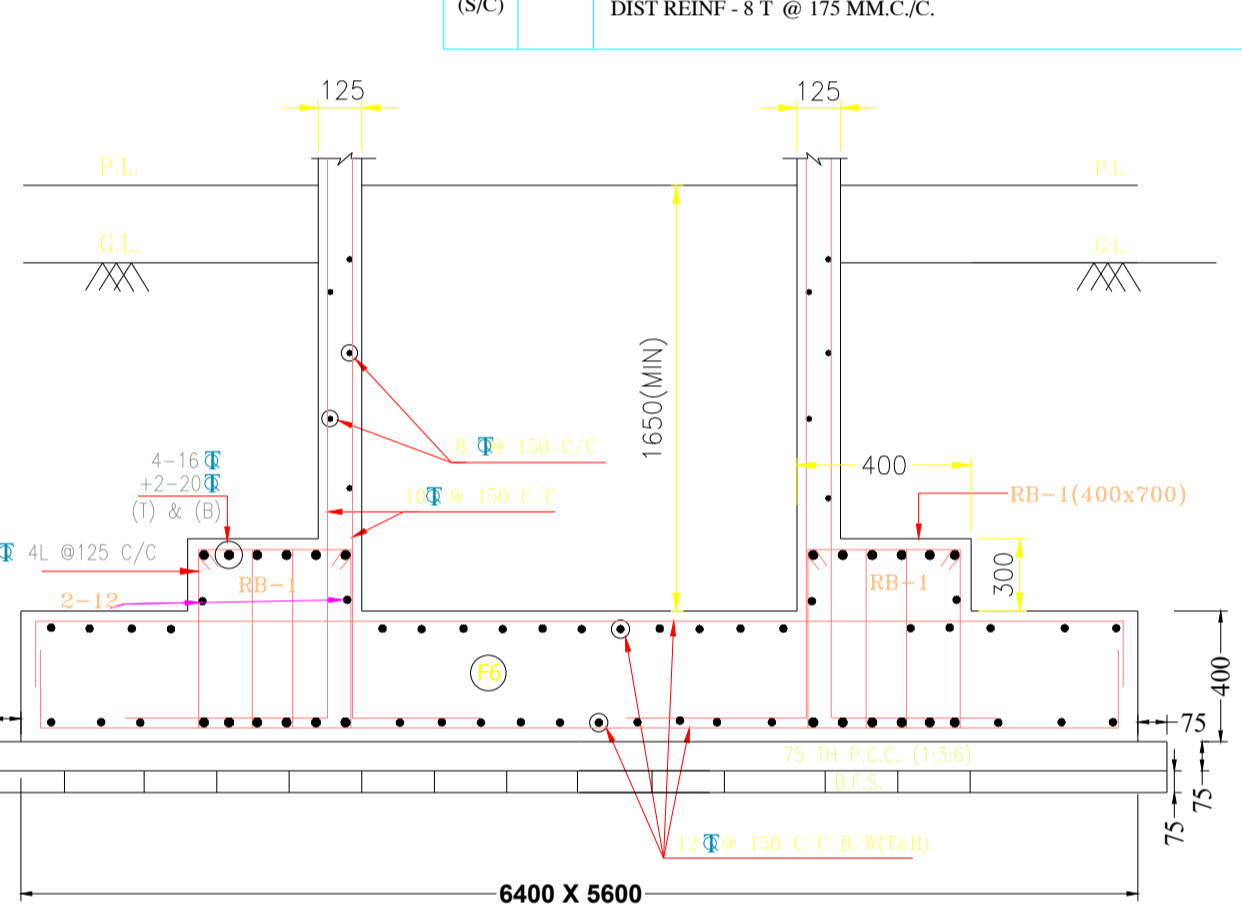
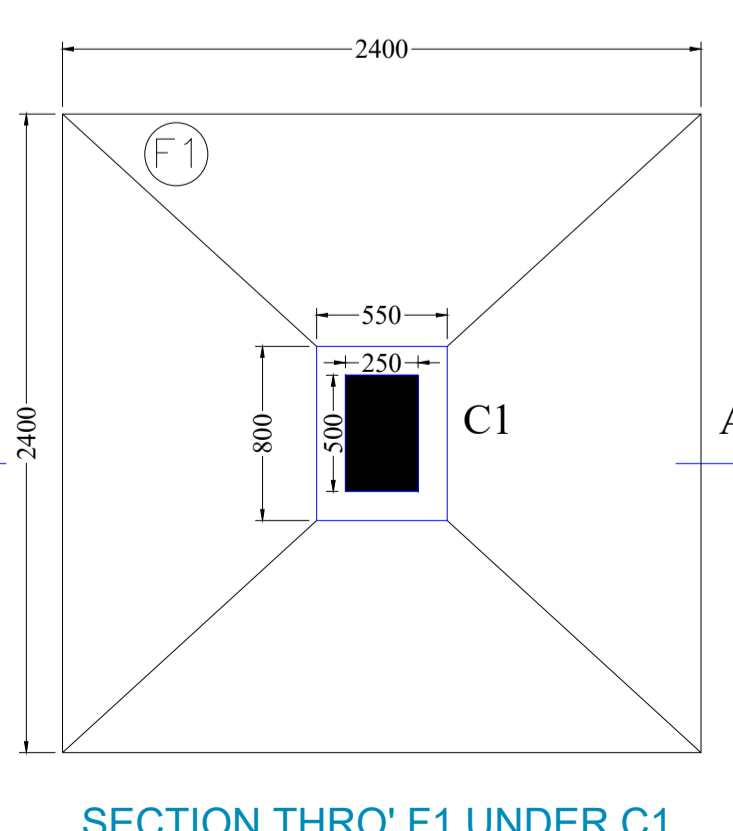
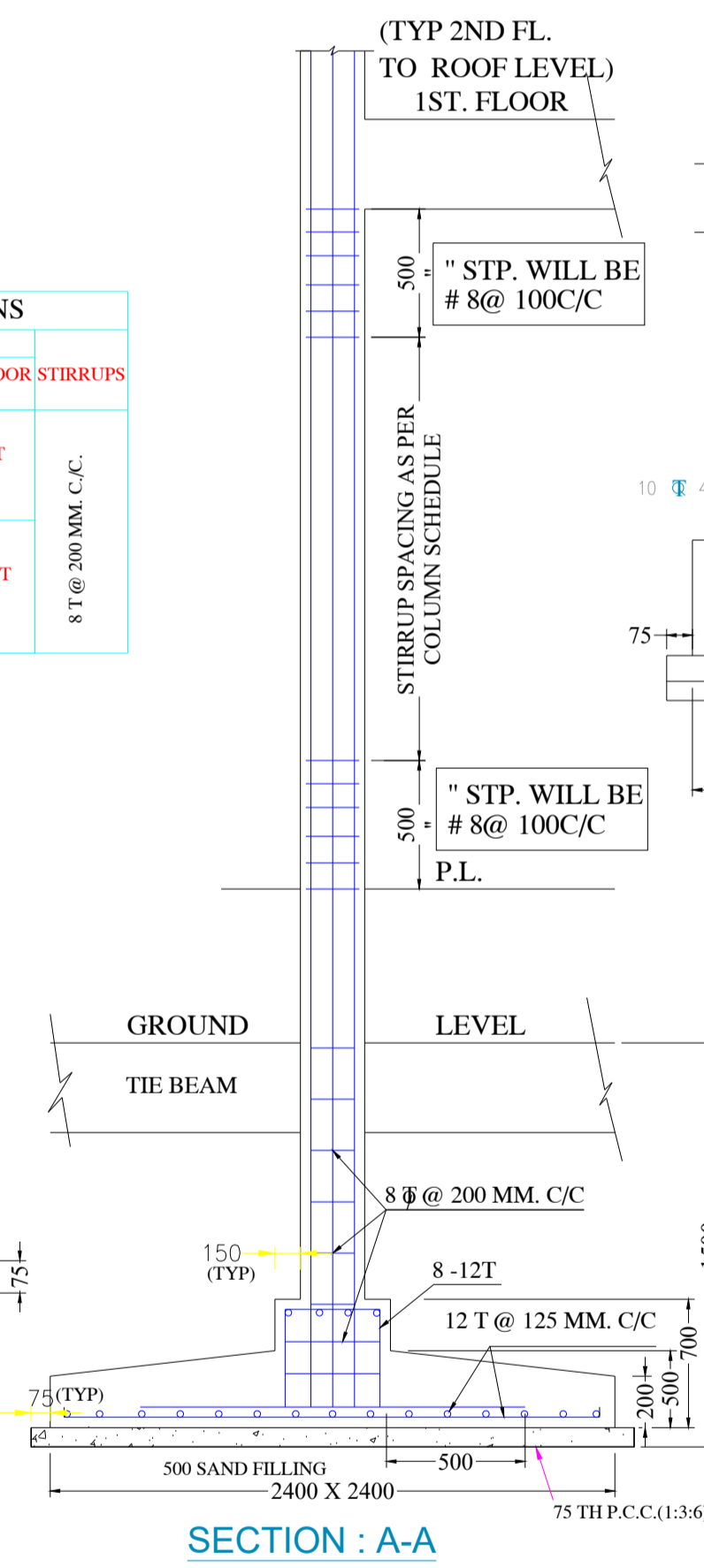
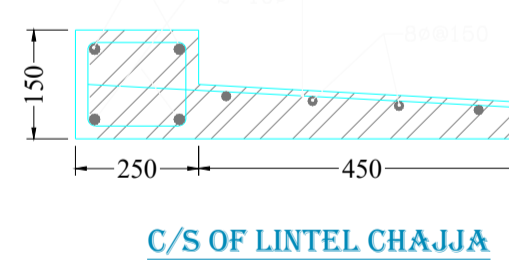
| COL. MKD. | FROM FND. TO 2ND FLOOR | FROM 2ND FLOOR TO ROOF | STIRRUPS |
|--|------------------------|------------------------|--------------------|
| C1 TO C5, C9, C13, C17, C18, C19, C20 | 250 X 500 | 250 X 500 | 8 T @ 200 MM. C.C. |
| C6, C7, C8, C10, C11, C12, C14, C15, C16 | 250 X 500 | 250 X 500 | 8 T @ 200 MM. C.C. |

SCHEDULE OF SLAB & WALL

| SLAB THICK. | REINF. ALONG SHORTER DIRET. C/C | REINF. ALONG LONGER DIRET. C/C |
|-------------|--|--------------------------------|
| S1 | 8 T @ 150 MM. C/C | 8 T @ 150 MM. C/C |
| S2 | 8 T @ 100 MM. C/C | 8 T @ 100 MM. C/C |
| STAIR (S/C) | LONG MAIN REINF. - 10 T @ 100 MM. C.C. DIST REINF. - 8 T @ 175 MM. C.C. | |



30'-0" (9.144 M.) WIDE ROAD



General Specification

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCH. DRAWINGS.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
- THE DEPTH OF SEPTIC TANK & SEMI UNDER GROUND SHOULD NOT EXCEED THE DEPTH OF FOUNDATION.
- GRADE OF CONCRETE IS M-20 CONFORMING TO IS:456.
- GRADE OF REINFORCEMENT STEEL SHALL BE Fe-500, CONFORMING TO IS:1786.
- CLEAR COVER FOR REINFORCEMENT:
 - FOUNDATION SLAB = 50 MM.
 - FOUNDATION BEAM = 50 MM.
 - FLOOR BEAM = 25 MM.
 - FLOOR SLAB = 15 MM.
 - COLUMN = 40 MM.
- THE LAPS SHALL BE STAGGERED, NOT MORE THAN 1/3 OF THE TOTAL REINFORCEMENT SHALL BE LAPPED AT A SINGLE SECTION.
- ALL STIRRUP/HOOPS SHALL BE PROVIDED AS PER IS:13920-1993.
- SUITABLE FOUNDATION IS TO BE PROVIDED UNDER PARTITION WALLS THOSE ARE NOT LOCATED OVER THE TIE BEAM.

STRUCTURAL / GEO. TECH. ENGINEER CERTIFICATE

THE STRUCTURAL DRAWING AND DESIGN OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE WIND LOAD, SEISMIC LOAD AS PER THE B & C OF INDIA. I CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT THE FOUNDATION IS SAFE IN RESPECT OF SOIL INVESTIGATION REPORT.

GOPAL CH. BAG
SIGN. OF G.T.E.-1/42(KMC)

GOPAL CH. BAG
SIGN. OF E.S.E.-1/206(KMC)

ARCHITECT / L.B.S. CERTIFICATE

THE PLOT IS A VACANT LAND. THE PLOT IS BOUNDARY BY BOUNDARY WALL. BOUNDARY MEASUREMENT AGREED WITH THE REGD. BOUNDARY. I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF THE AUTHORITY'S BUILDING RULES AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

GOPAL CH. BAG
BCE(JU), ME (Civil), C.E.
SIGN. OF L.B.S.-1/1552(KMC)

WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT WE SHALL ENGAGE L.B.S. & E.S.E. AND FOLLOW THE INSTRUCTION OF L.B.S. & E.S.E. DURING CONSTRUCTION OF BUILDING. U.G.W.R., S.T. ETC. AS PER B.S. PLAN. K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL STABILITY AND ADJOINING STRUCTURE. K.M.C. IS GIVING THE SANCTION ON THE BASIS OF DOCUMENTS SUBMITTED BY ME AND THE PLOT IS IDENTIFIED SANCTION. CONSTRUCTION OF U.G.W.R. & S.T. WILL BE UNDERTAKEN UNDER THE GUIDANCE OF THE L.B.S. / E.S.E. BEFORE STARTING OF NEW BUILDING FOUNDATION WORK. IF ANY SUBMITTED DOCUMENTS FOUND WRONG OR FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE PLAN.

SIGNATURE OF OWNER'S

STRUCTURAL DETAILS OF PROPOSED G + 4 STORED BUILDING PLAN AT THE PLOT NO :- B - 7 / 305, BLOCK - B, SUB - BLOCK - 7, P. O. + P. S. :- KALYANI, DISTRICT - NADIA, WEST BENGAL, PIN - 741235, UNDER KALYANI MUNICIPALITY

TITLE: STRUCTURAL DETAILS
SCALE: 1:100, 1:25