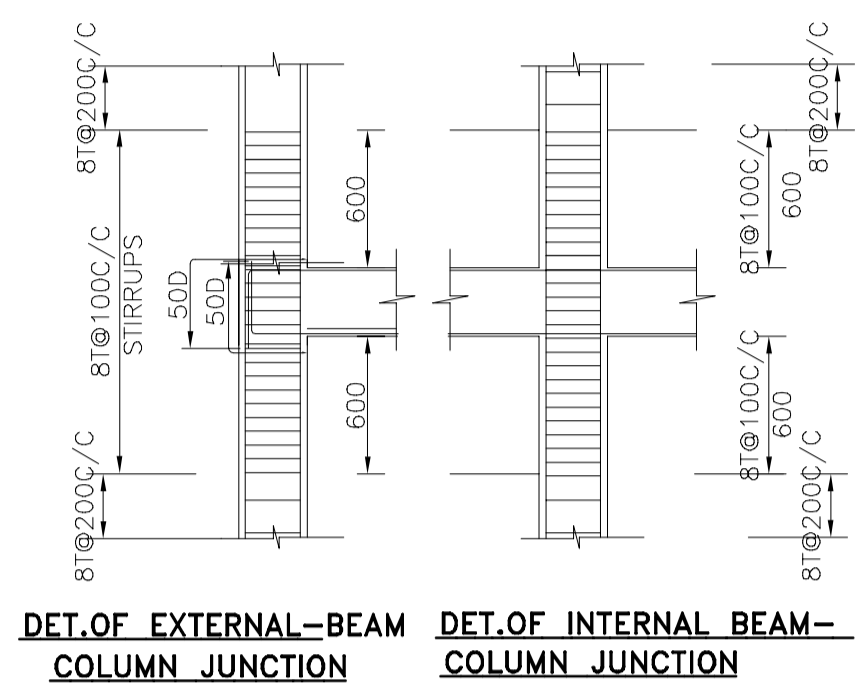


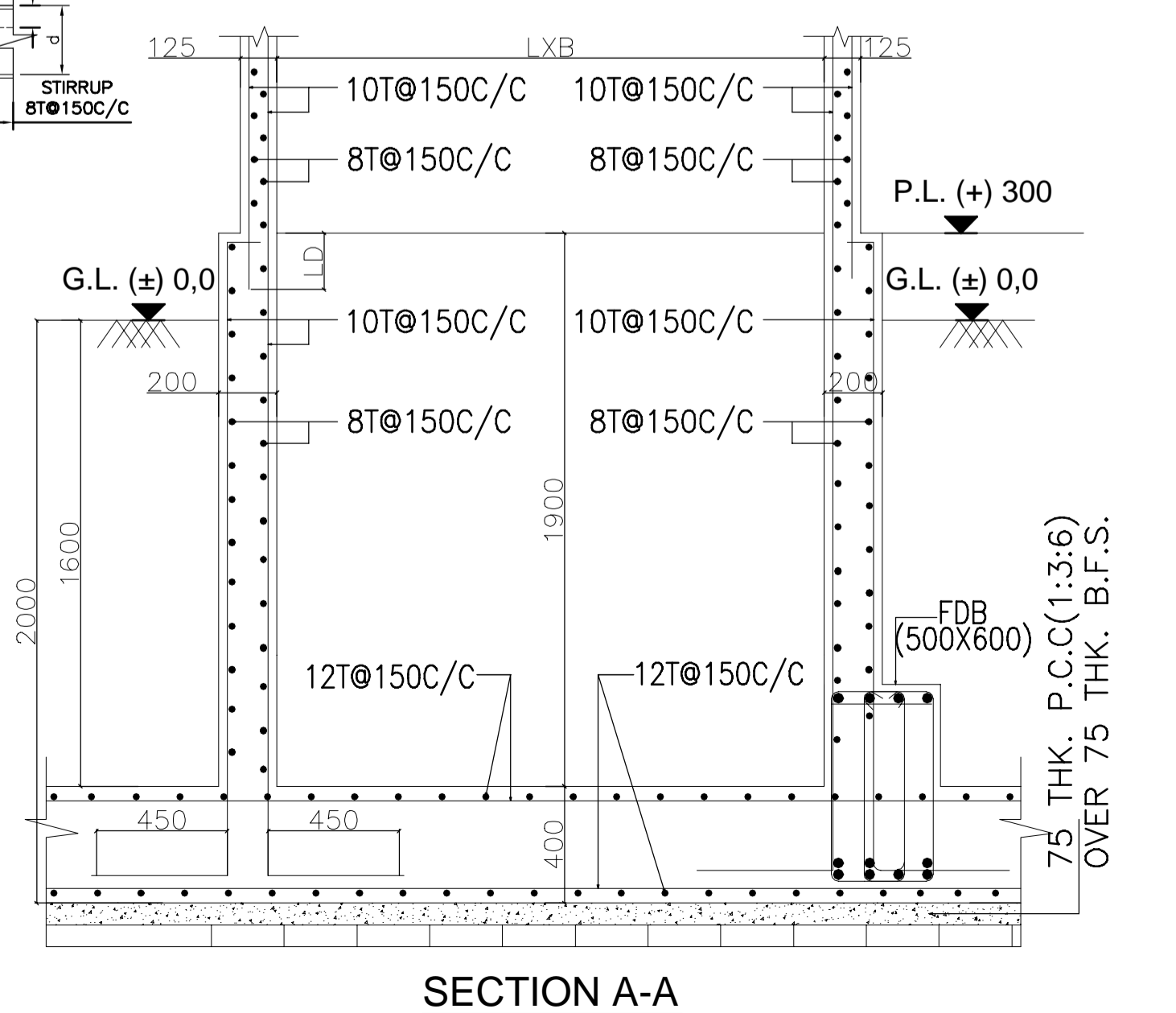
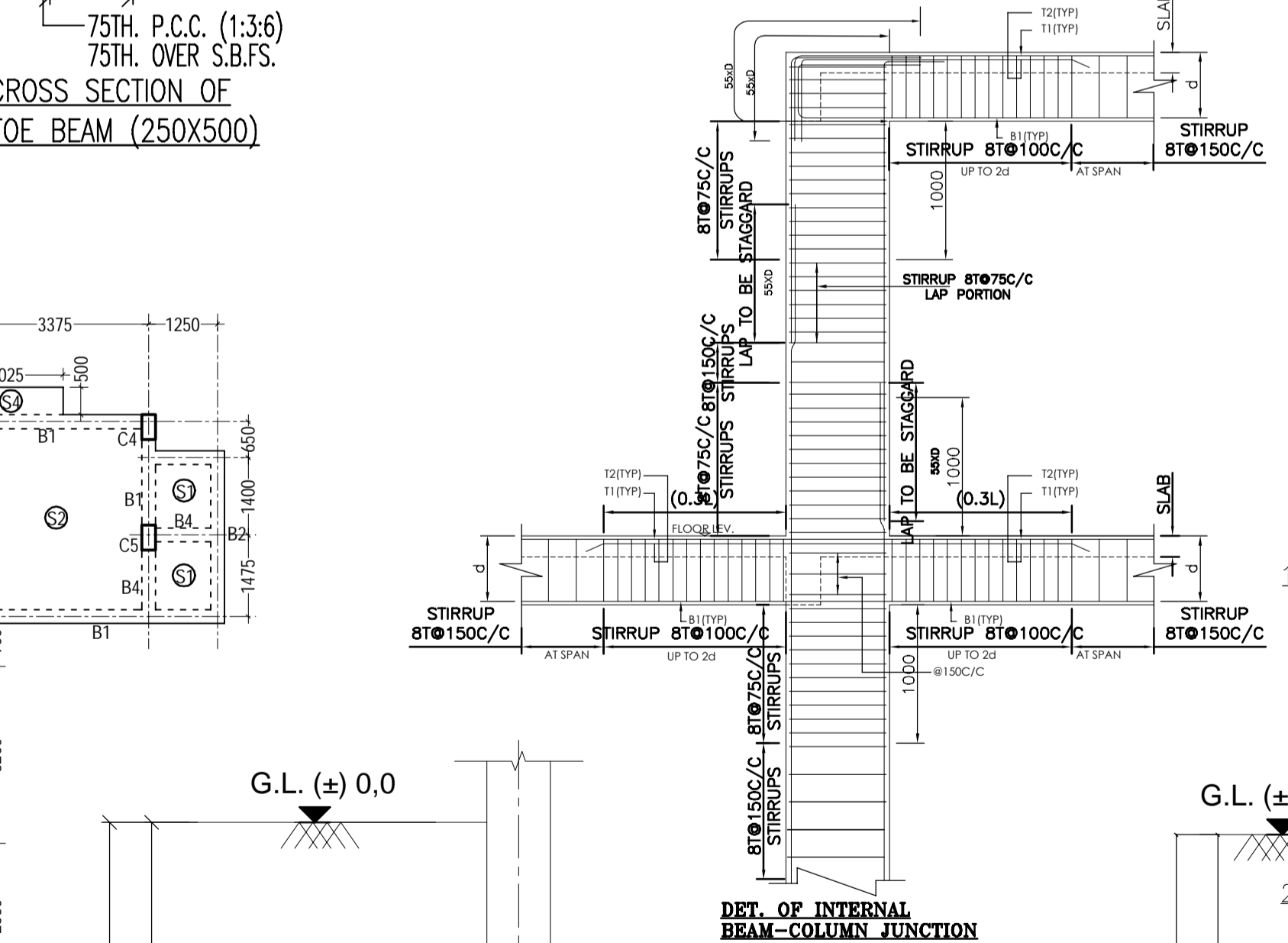
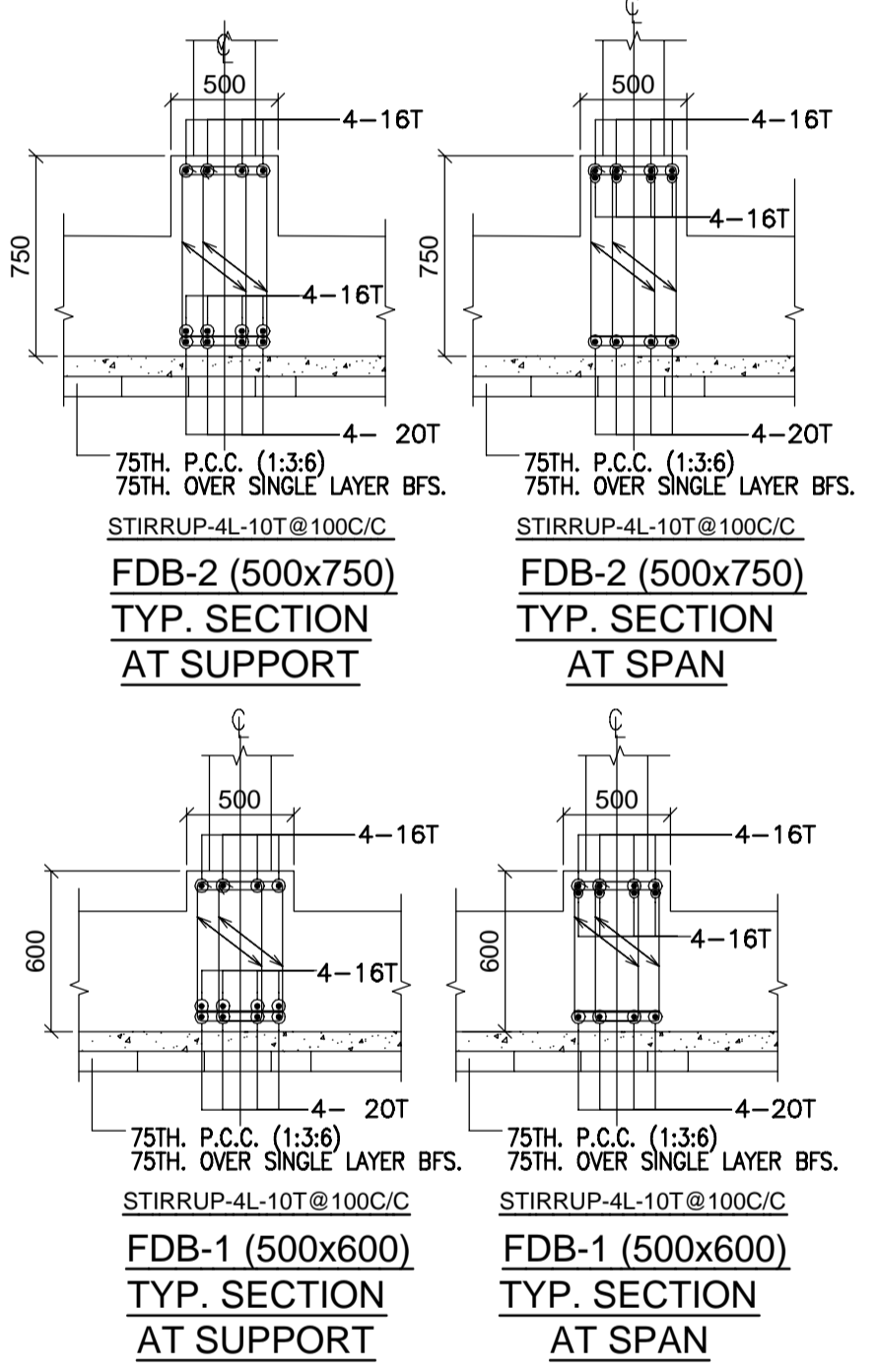
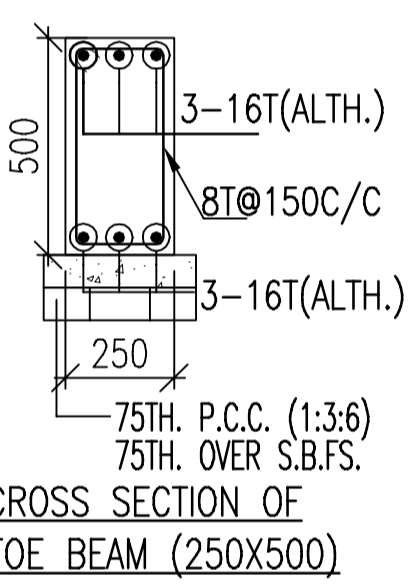
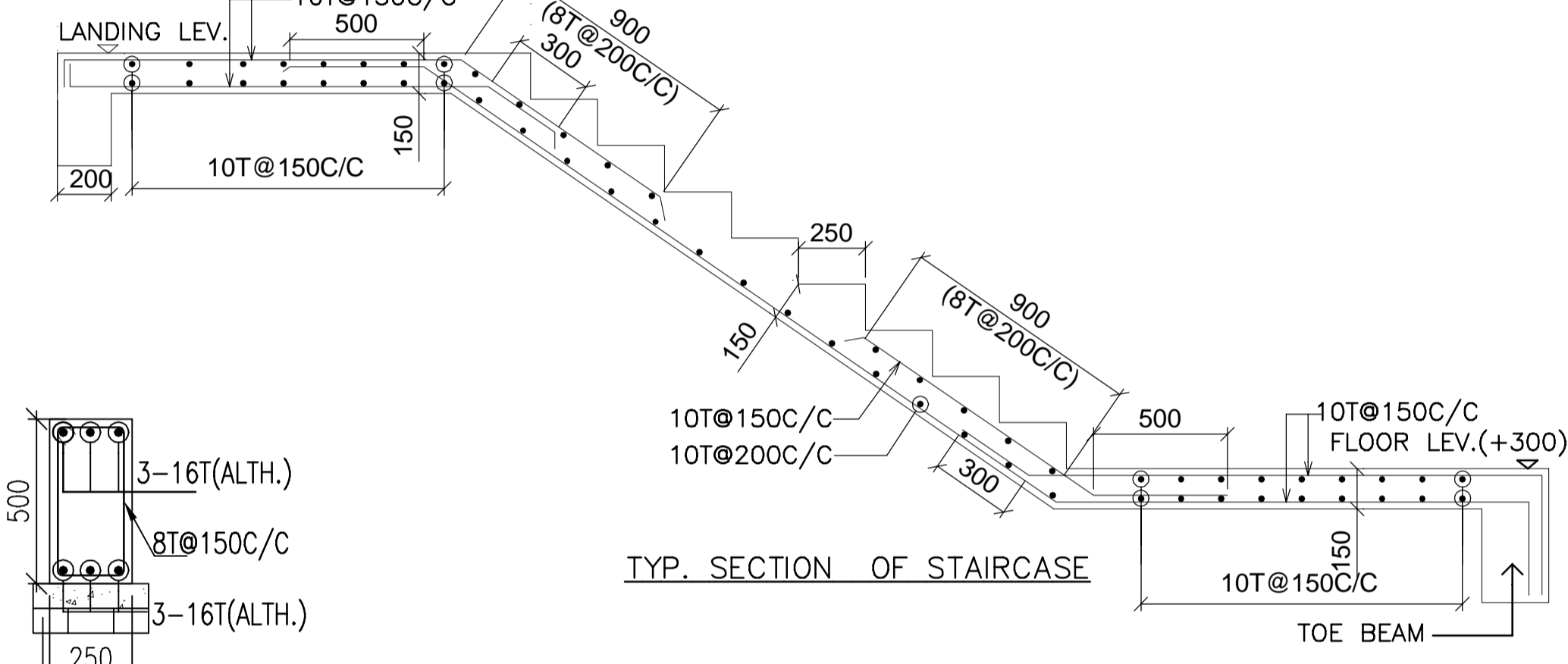
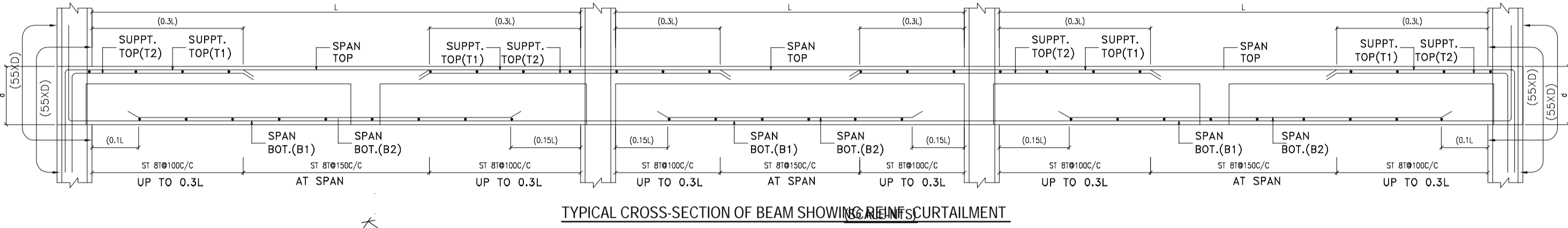
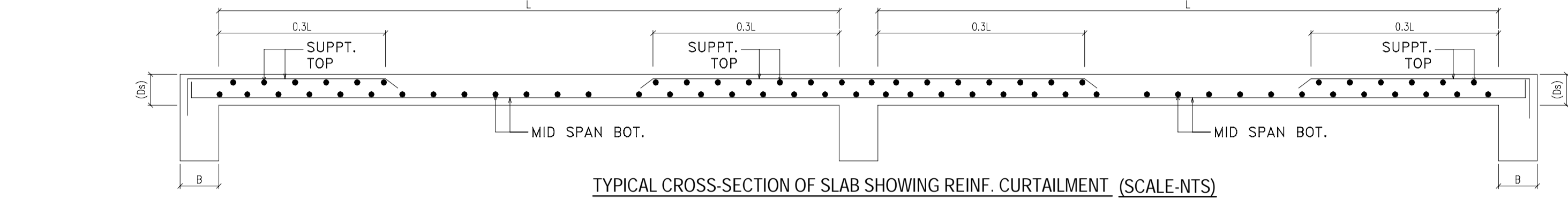
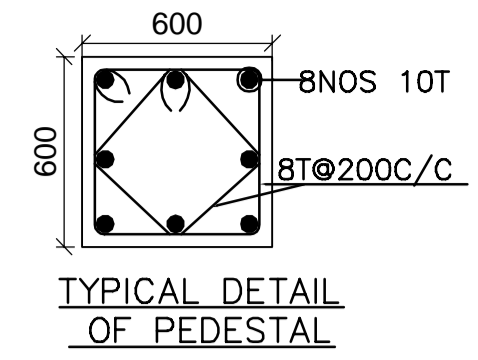
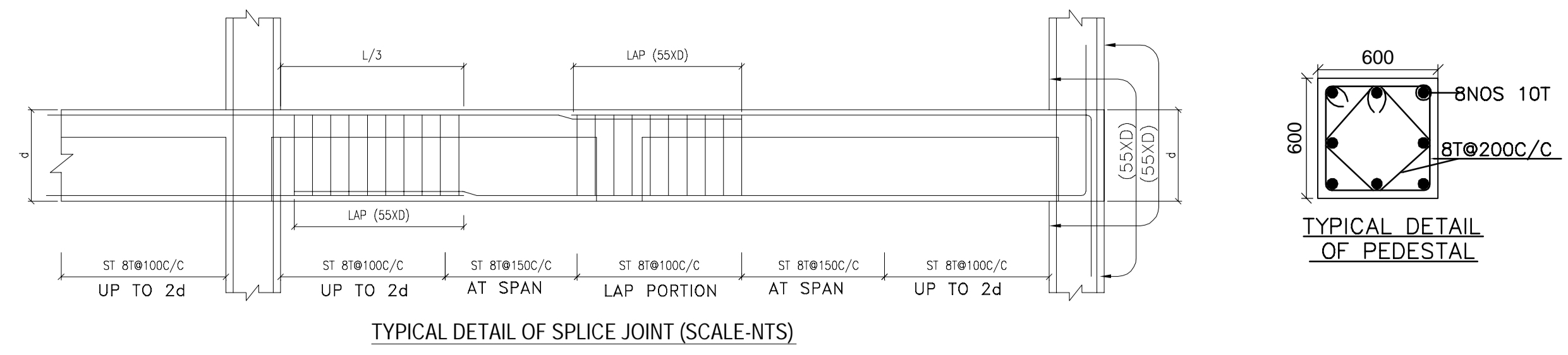
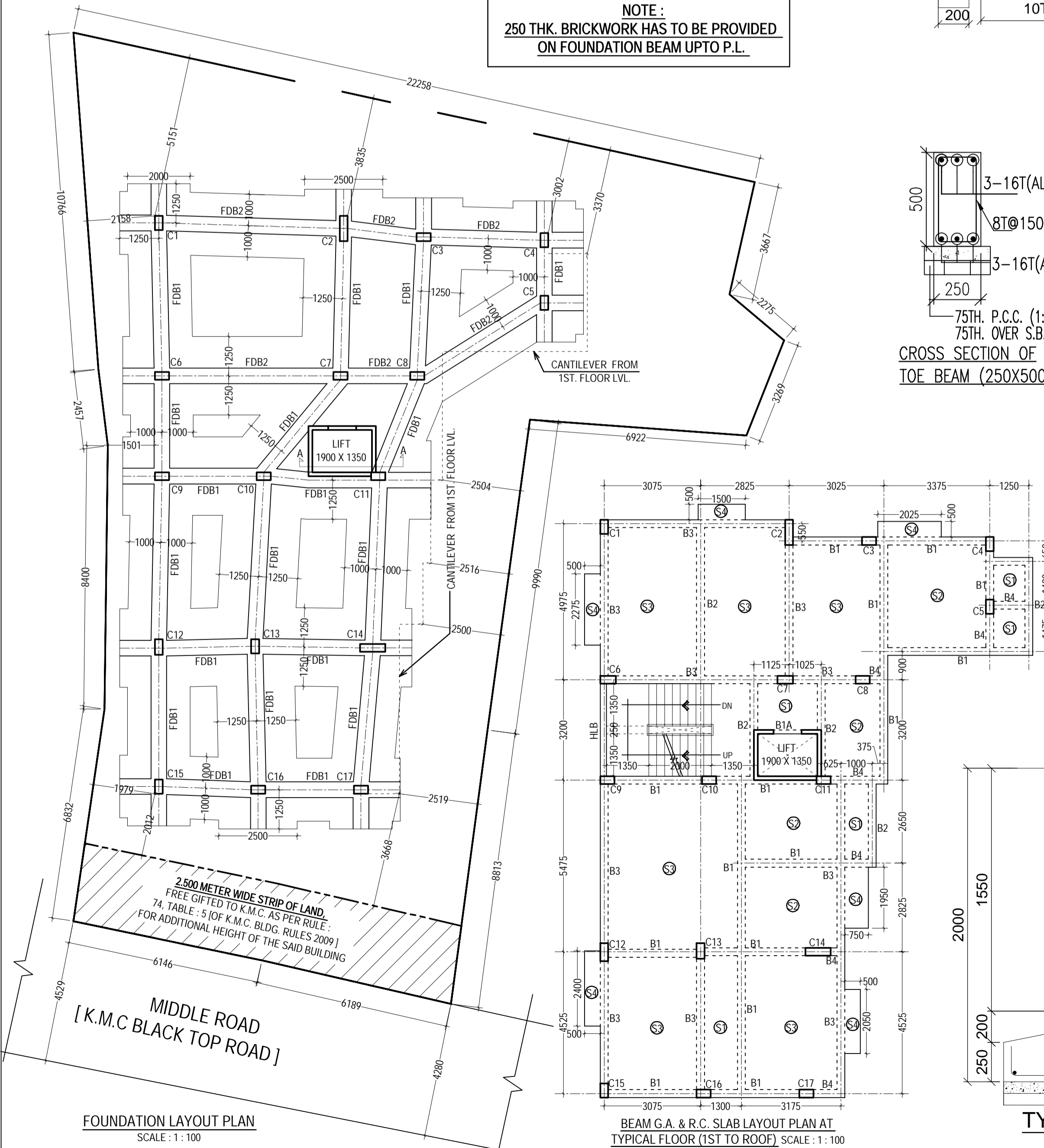
COLUMN SCHEDULE :-				
LINK DETAILS	2 SETS STIRRUP	2 SETS STIRRUP	2 SETS STIRRUP	2 SETS STIRRUP+1 OPEN LINK
ROOF TO 2ND	8-16T 2 SETS STIRRUP	4-20T+4-16T 2 SETS STIRRUP	4-20T+4-16T 2 SETS STIRRUP	4-16T+8-12T 2 SETS STIRRUP+2 OPEN LINK
2ND TO FOUNDATION	8-16T 2 SETS STIRRUP	8-20T 2 SETS STIRRUP	8-20T 2 SETS STIRRUP	12-16T 2 SETS STIRRUP+2 OPEN LINK
COLUMN SIZE	450X250	450X250	500X250	800X250
COLUMN MKD.	C1,C3,C4,C15,C16,C17	C5,C8,C9,C10,C11	C6,C7,C12,C13	C2,C14
LINKS	8T FOR CLOSED LINKS & 8T FOR OPEN LINKS @ 150C/C			

FLOOR SLAB SCHEDULE :-					
SLAB MKD.	SLAB THK.	SHORTER SPAN		LONGER SPAN	
		SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM
S1	100	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C
S2	115	8 T @ 150 C/C	8 T @ 175 C/C	8 T @ 150 C/C	8 T @ 175 C/C
S3	125	8 T @ 150 C/C	8 T @ 175 C/C	8 T @ 150 C/C	8 T @ 175 C/C
S4	150	10 T @ 150 C/C	10 T @ 200 C/C	8 T @ 150 C/C	10 T @ 200 C/C

BEAM SCHEDULE :-						
BEAM MKD.	SECTION	REINF. (SUPPORT)		REINF. (SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250 X 450	3-16R + 2-16R	3-16R	2-16R	3-16R + 2-16R	2L-8T@150 c/c
B2	250 X 400	3-16R + 3-16R	3-16R	3-16R + 2-16R	3-16R + 2-16R	2L-8T@150 c/c
B3	250 X 500	3-16R + 3-16R	3-20R	2-20R + 3-16R	3-16R + 3-16R	2L-10T@125 c/c
B4	250 X 500	3-16R + 3-16R	3-16R	3-16R + 3-16R	3-16R + 3-16R	2L-8T@150 c/c
HLB	200 X 500	2-16R + 2-16R	2-16R	2-16R + 2-16R	2-16R + 2-16R	2L-8T@150 c/c
B1A	125 X 400	2-16R	2-16R	2-16R	2-16R	2L-8T@150 c/c
TB	250X500	3-12R + 2-12R	3-12R	3-12R	5-12R	2L-8T@150 c/c



NOTE :
250 THK. BRICKWORK HAS TO BE PROVIDED ON FOUNDATION BEAM UPTO P.L.



SPECIFICATION OF CONSTRUCTION :-

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- GRADE OF CONCRETE: M25 AND GRADE OF STEEL: FE 550.
- CENTER LINE GIVEN HERE ARE BEAM C/L ONLY.
- IN CASE OF ANY DISCREPANCY IN DWG. REFER TO ARCHITECT.
- COLUMN: CLEAR COVER: 40-MM.
- BEAM: 10T@25-4M, 10T@10M+25-4M+13, SIDE 15-MM.
- SLAB: 11 BOTTOM 15-MM 1/2 SIDE 15-MM.
- EXTRA TOP REINFORCEMENT:- 0.25% C/C DISTANCE OF DISCONTINUITY.
- EXTRA TOP REINFORCEMENT:- 0.25% C/C DISTANCE OF CONT. SUPT.
- EXTRA BOTTOM REINFORCEMENT:- 0.10% C/C DISTANCE OF DISCONTINUITY.
- EXTRA BOTTOM REINFORCEMENT:- 0.15% C/C DISTANCE OF CONT. SUPT.

SLAB:-

- 1/3 TOP CURTAILMENT OF BAR: 0.10% C/C DISTANCE OF DISCONTINUOUS EDGE.
- 2/3 TOP CURTAILMENT OF BAR: 0.15% C/C DISTANCE OF CONTINUOUS EDGE.
- 1/3 BOTTOM CURTAILMENT OF BAR: 0.15% C/C DISTANCE OF DISCONTINUITY.
- 2/3 BOTTOM CURTAILMENT OF BAR: 0.25% C/C DISTANCE OF CONT. EDGE.
- 1/3 EXTRA TOP CURTAILMENT OF BAR: 0.30% C/C DISTANCE OF CONT. EDGE.
- BOND LAP LENGTH FOR REINFORCEMENT 50-D.
- FOUNDATION DEPTH SHOULD BE MAINTAINED 1200 MM FROM ORIGINAL SOIL.

OWNERS DECLARATION :-

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF KOLKATA MUNICIPAL CORPORATION BUILDING RULES, 2009, AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE & NOT A FILLED UP TANK LAND WITH EXISTING STRUCTURE TO BE DEMOLISHED, THERE ARE NO TENANT.

NAME OF THE OWNER
MAHUA MALATI SARKAR

CERTIFICATE OF ARCHITECT :-

I SHALL ENGAGE L.B.A. E.S.E & G.T.E DURING CONSTRUCTION I SHALL FOLLOW THE INSTRUCTIONS OF L.B.A. E.S.E & G.T.E DURING CONSTRUCTION OF THE BUILDING (AS PER B.S PLAN) K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDER TAKEN UNDER THE GUIDANCE OF E.S.E / L.B.A BEFORE STARTING OF BUILDING FOUNDATION WORK. DURING DEPARTMENTAL INSPECTION THE PLOT IS IDENTIFIED BY ME. EXISTING STRUCTURE TO BE DEMOLISHED, THERE ARE NO TENANT.

NAME OF ARCHITECT
Mr. ANUPAM GHOSH
Registered Architect
Reg. No. C.A / 2005 / 36555.

CERTIFICATE OF STRUCTURAL ENGINEER:-

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN PREPARED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING HAS BEEN SIGNED BY DR. S.K. CHAKRABORTY [G.T.E. / 1/16] DONE BY M/S. J.B. ASSOCIATES OF 1418, NAYABAD, PANCHASHER, KOLKATA 700 094. THE RECOMMENDATIONS OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

NAME OF STRUCTURAL ENGINEER
Mr. BIBEK BIKASH MULLICK
Structural Engineer (ESE / 11 / 75)

CERTIFICATE OF GEO-TECHNICAL ENGINEER:-

UNDERSIGNED HAS INSPECTED THE SITE CARRIED OUT THE SOIL INVESTIGATION THEREIN. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED THEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO- TECHNICAL POINT OF VIEW.

NAME OF GEO-TECHNICAL ENGINEER
Mr. SANTOSH KUMAR CHAKRABORTY
(G.T.I / 16)

PROJECT :-

PROPOSED GROUND + FOUR STORIED [15.450 HEIGHT] RESIDENTIAL BUILDING AT PREMISES NO. 218, MIDDLE ROAD, P.S.-SURVEY PARK, WARD NO. 104, KOLKATA 700 075, UNDER BOROUGH XI [K.M.C.] AS PER U / S 393A OF K.M.C. ACT. 1980 & K.M.C. BLDG. RULE 2009.

TITLE :-
FOUNDATION LAYOUT PLAN, BEAM G.A. & R.C. SLAB LAYOUT PLAN, COLUMN, BEAM, SLAB SCHEDULE & REINFORCEMENT DETAILS.

PLAN CASE NO. :
DRAWING SHEET NO. :
DEALT : KCA
DATE : 22.11.2022
SCALE 1 : 100 (UNLESS OTHERWISE MENTIONED)

ALL DIMENSIONS ARE IN M.M. (UNLESS OTHERWISE MENTIONED)
Architectural Consultants : **COLLAGE ARCHITECTS**
1486, RAJDANGA MAIN ROAD, (OPPOSITE PURBA ABASAN, DF BLOCK), KOLKATA 700 107, INDIA
PHONE NO. (033) 4602 6909, E-MAIL: collage.architects.info@gmail.com

THIS DRAWING IS A PROPERTY OF COLLAGE. ANY MODIFICATION, CHANGES, DEVIATIONS IS NOT PERMISSIBLE WITHOUT PRIOR INTIMATION OF THE ARCHITECT, TO THE CONTRARY THIS WILL BE TREATED AS ILLEGAL ACT.

BUILDING PERMIT NO. :
DATED -
VALID -

SPACE FOR DIGITAL SIGNATURE

SIGNATURE OF ASSISTANT ENGINEER (C) BOROUGH - XI, K.M.C.
SIGNATURE OF EXECUTIVE ENGINEER (C) BOROUGH - XI, K.M.C.