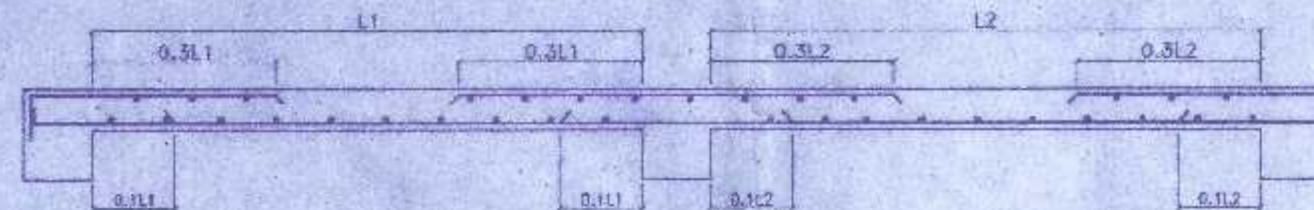
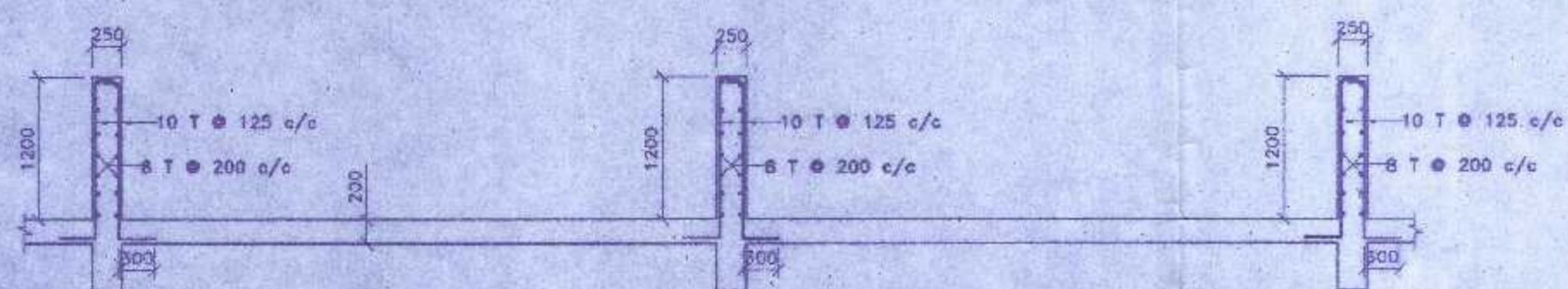


SLAB SCHEDULE				
SLAB THK.	SHORTER SPAN	LONGER SPAN		
	SUPPORT TOP	MID SPAN BOT	SUPPORT TOP	MID SPAN BOT
200	10T@125c/c	10T@125c/c	10T@125c/c	10T@125c/c
150	10T@150c/c	10T@150c/c	10T@150c/c	10T@150c/c
125	8T@125c/c	8T@150c/c	8T@150c/c	8T@175c/c
110	8T@150c/c	8T@150c/c	8T@175c/c	8T@200c/c

PROVIDE 8T@200C/C WHEREVER NECESSARY

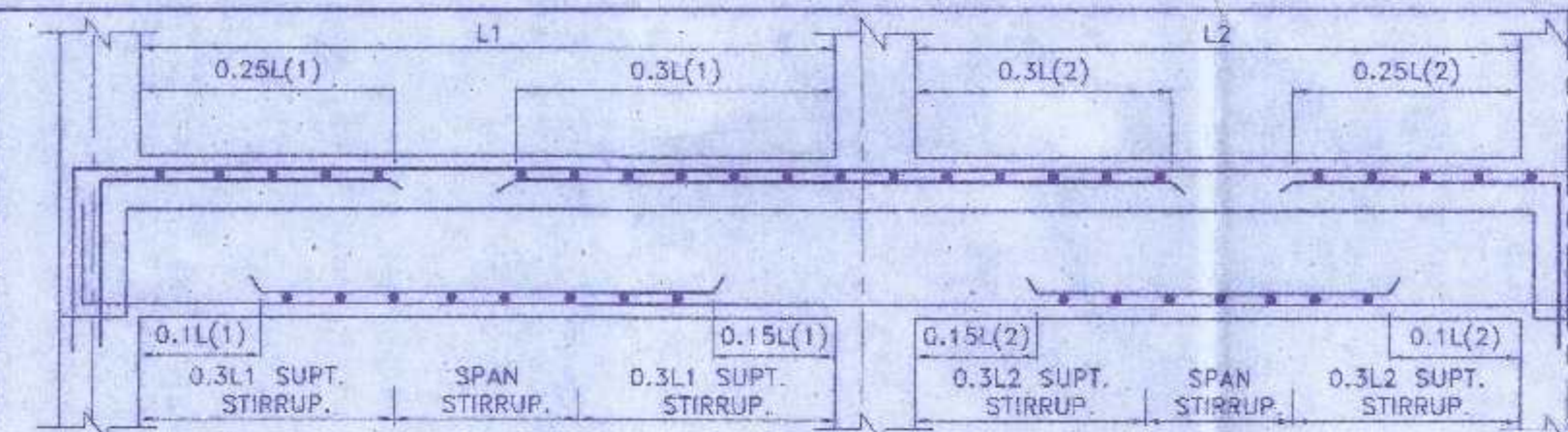


TYPICAL CROSS-SECTION OF SLAB SHOWING REINF. CURTAILMENT

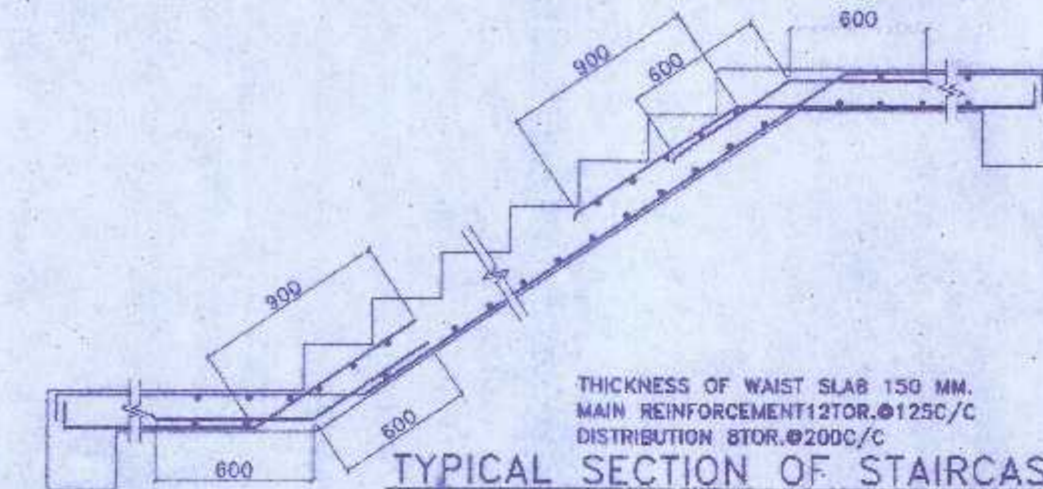


TYPICAL DETAIL OF SWIMMING POOL

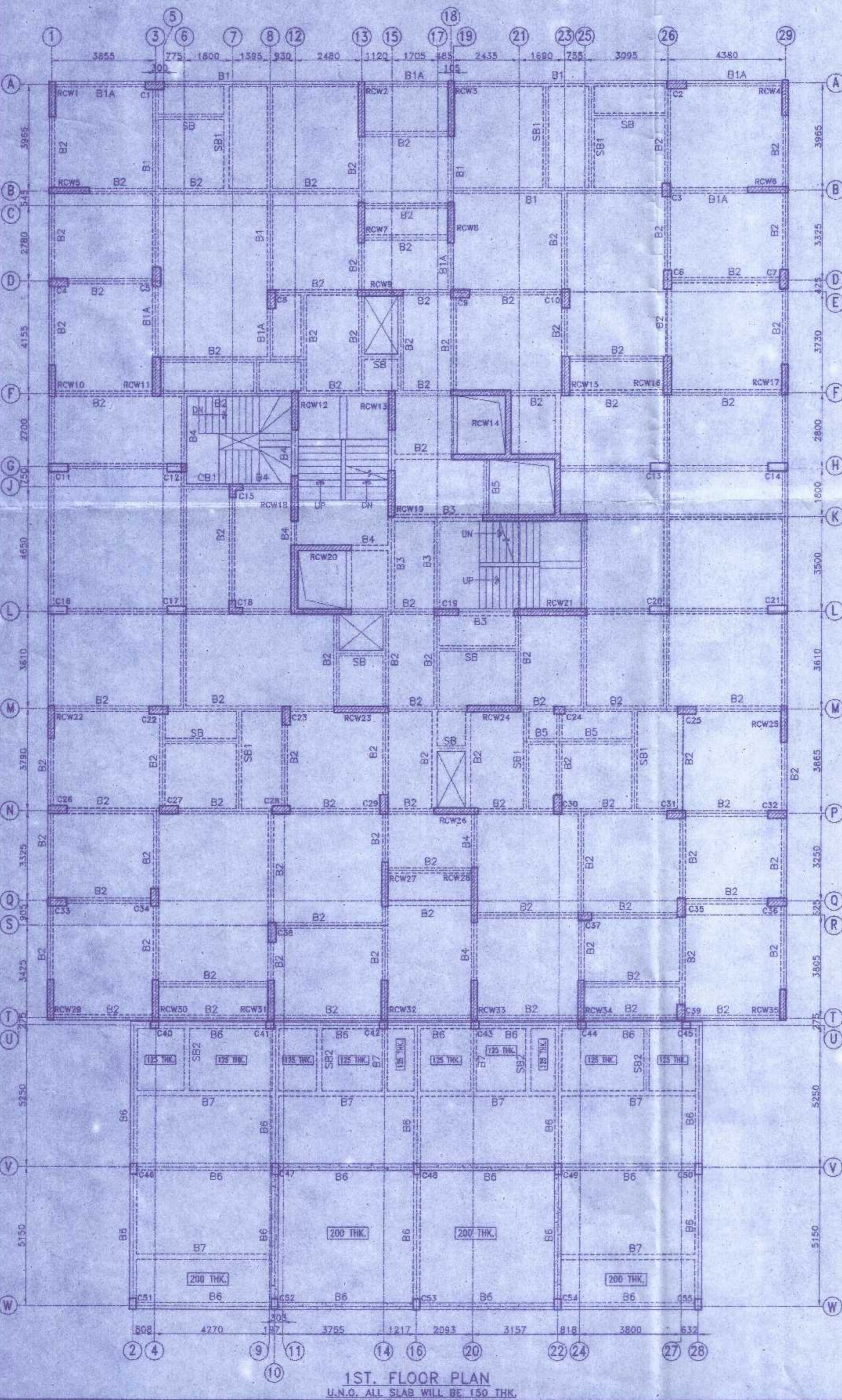
BEAM MKD	SIZE (IN MM)	AT SUPPORT		AT SPAN		STIRRUPS	
		TOP	BOT	TOP	BOT	SUPPORT	SPAN
B1	250x750	4-25T	2-25T	2-25T	2-25T+2-20T	10T@100C/C	10T@200C/C
B1A	250x500	2-25T	2-20T	2-25T	2-25T	8T@100C/C	8T@200C/C
B2	250x500	4-20T	2-20T	2-20T	2-20T+2-16T	8T@100C/C	8T@200C/C
B3	250x500	4-20T	2-20T	2-20T	2-20T+2-16T	8T@100C/C	8T@200C/C
B6	250x750	6-25T	4-25T	6-25T	4-25T	10T@100C/C	10T@100C/C
B61	200x500	3-20T	3-20T	3-20T	3-20T	8T@100C/C	8T@100C/C
B4	200x500	3-20T	3-20T	3-20T	3-20T	8T@100C/C	8T@100C/C
B5	250x500	3-16T	2-16T	2-16T	2-16T	8T@100C/C	8T@200C/C
B6	250x600	6-20T	3-20T	3-20T	3-20T+3-16T	8T@100C/C	8T@200C/C
B7	250x600	4-20T	2-20T	2-20T	2-20T+2-16T	8T@100C/C	8T@200C/C
SB1	250x500	2-16T	2-16T	2-16T	3-16T	10T@200C/C	10T@200C/C
SB2	250x600	2-16T	2-16T	2-16T	2-16T	8T@200C/C	8T@200C/C
SB	250x500	2-12T	2-16T	2-12T	2-16T	8T@200C/C	8T@200C/C



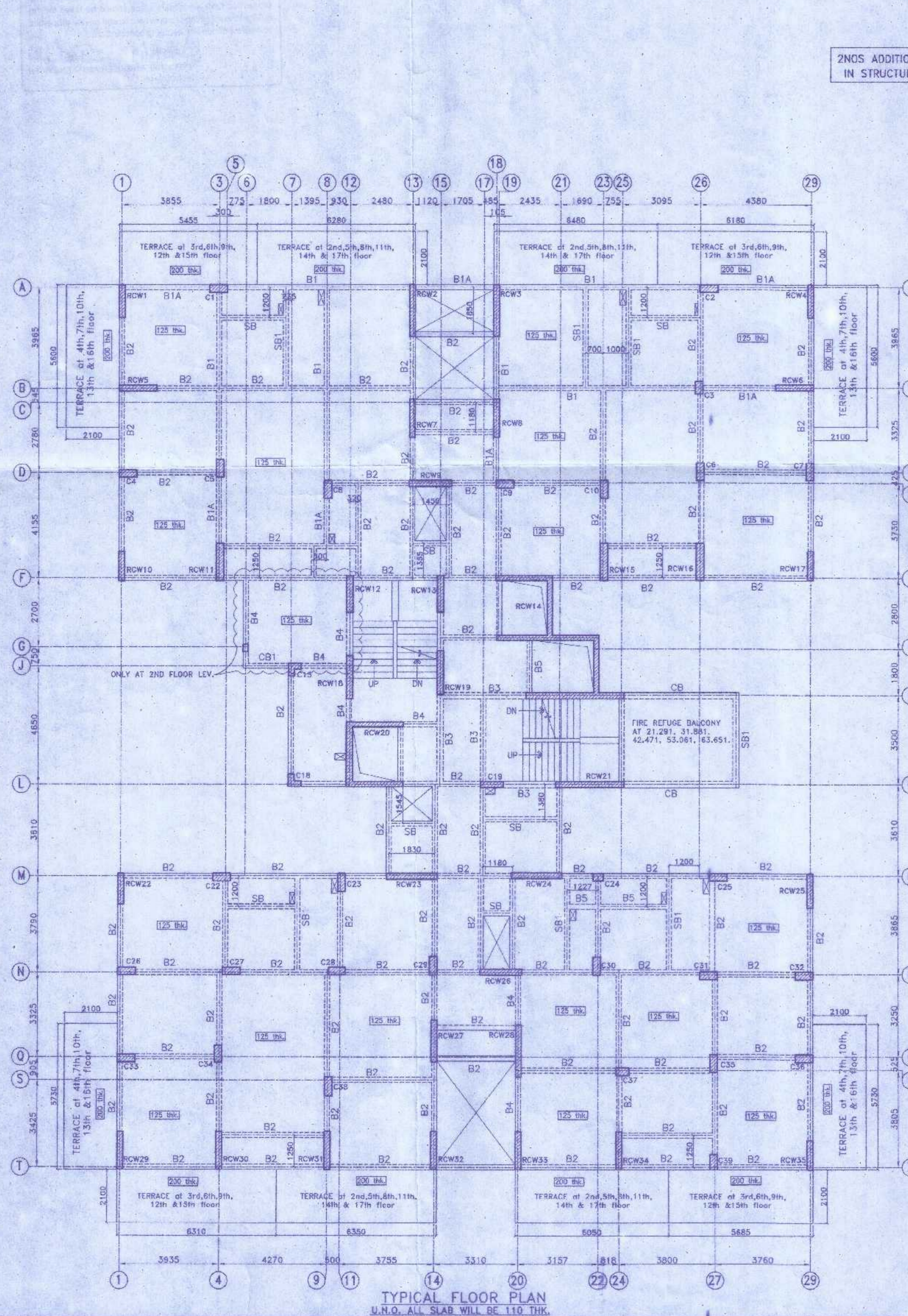
TYPICAL DETAIL OF CONTINUOUS BEAM



TYPICAL SECTION OF STAIRCASE



1ST. FLOOR PLAN  
U.N.O. ALL SLAB WILL BE 150 THK.



TYPICAL FLOOR PLAN  
U.N.O. ALL SLAB WILL BE 110 THK.

2NOS ADDITIONAL FLOOR HAS BEEN CONSIDERED IN STRUCTURAL DESIGN AND DRAWING

PROJECT:  
PROPOSED G+XVII STORED RESIDENTIAL BUILDING U/S -393A OF C.M.C. ACT 1980 COMPLYING K.M.C. BUILDING RULE 2009 AT 5/1 NERODE BEHARI MULLICK ROAD, KOLKATA - 700006, UNDER K.M.C. IN WARD NO.- 15, BOROUGH NO.- II, P.S.- MANICKTALA, HAVING HEIGHT - 65.280 M. SCALE:- 1:100 OR AS STATED

- NOTES:
- ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN M. U.N.O.
  - GRADE OF REINFORCEMENT IS F4500.
  - GRADE OF CONCRETE IS
  - PILE = M20
  - PILE CAP, COLUMNS, BEAMS, SLABS UP TO 3rd FLOOR LEV. = M40
  - COLUMNS, BEAMS, SLABS FROM 3rd. FLOOR TO ROOF LEV. = M35.
  - LAP/BOND LENGTH SHALL BE 50 x D WHERE D IS THE DIA OF SMALLER BAR.
  - CLEAR COVER TO REINFORCEMENT:-
  - PILE/PIECECAP= 50 mm
  - COLUMN & TIE BEAM = 40 mm c) FLOOR BEAM = 25 mm
  - WAST SLAB = 20 mm d) FLOOR SLAB = 20 mm
  - SPECIAL NOTES FOR PILES:-
  - SLUMP FOR CONCRETE SHALL BE 150 TO 180.
  - MAXIMUM W/C RATIO IS 0.5
  - MINIMUM CEMENT CONTENT IS 400KG/CUM OF CONCRETE.
  - CUTTING SHALL BE DONE BY CHESEL AND BAILER.
  - EXTRUSION SHALL BE DONE BY O.M.C. METHOD.
  - ROLLER TYPE COVER BLOCK IS TO BE USED.
  - SPECIFIC GRAVITY OF BENTONITE SLURRY AFTER WASH SHALL BE 1.1 TO 1.12.
  - PILE TO BE TESTED IN ACCORDANCE WITH IS 2911 PART-4.

CERTIFICATE OF GEO TECHNICAL ENGINEER  
THE SOIL INVESTIGATION REPORT OF THE SAID PREMISES HAVE BEEN MADE BY ME ON THE BASIS OF SOIL TEST AS PER GUIDELINE PROVIDED BY B.I.S. CODE.

*Prasanta Kumar Ghosh*  
Prasanta Kumar Ghosh  
Geotechnical Engineer  
REGISTERED NO. 61 (KOL)  
SIG. OF GEO TECHNICAL ENGINEER  
PRASANTA KUMAR GHOSH  
CLASS-16

CERTIFICATE OF STRUCTURAL ENGINEER  
THE STRUCTURAL DESIGN 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 (PRASANTA KUMAR GHOSH), B.I.A.H.B.B. SURA CROSS LANE, BELIAGHATA KOLKATA-700010. CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

*Dhiman Bhattacharjee*  
Dhiman Bhattacharjee  
Engineered Structural Engineer  
E.S.R. No.-175, Class-I  
Kolkata-700010, India  
SIG. OF STRUCTURAL ENGINEER  
DHIMAN BHATTACHARJEE  
E.S.E-1212

CERTIFICATE OF STRUCTURAL REVIEWER  
I REVIEW THE STRUCTURAL DESIGN 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 (PRASANTA KUMAR GHOSH), B.I.A.H.B.B. SURA CROSS LANE, BELIAGHATA KOLKATA-700010. CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

*Kaushik Sengupta*  
Kaushik Sengupta  
B.E.(CIVIL), M.E.(STRUCTURE)  
STRUCTURAL REVIEWER (K.M.C.)  
E.S.R.-0176/3  
SIG. OF STRUCTURAL REVIEWER  
KAUSHIK SENGUPTA  
E.S.R-176/5

DECLARATION OF ARCHITECT.  
CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ADJOINING ROAD IS CONFORM WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THERE IS AN EX STRUC. TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK IT IS FULLY OCCUPIED BY THE OWNER. THERE IS NO TENANT.

*Mostak Ahamed*  
Mostak Ahamed  
Registered Architect  
Regn. No.-CA/2009/43906  
SIG. OF ARCHITECT  
MOSTAK AHAMED  
CA/2009/43906

DECLARATION OF APPLICANT / OWNER  
I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT, I SHALL ENGAGE L.B.A & E.S.E DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF L.B.A & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN) K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE. THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W/R TAKEN UNDER THE GUIDANCE OF L.B.A/E.S.E BEFORE STARTING OF BUILDING FOUNDATION.

GANGOTRI DEAL MARK PVT. LTD.  
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ARCHITECT  
D.J. CONSULTANTS & ASSOCIATES  
255, DUMDUM PARK, KOL-55.  
PHONE NO - 2590-6003, 2590-6883  
mail - info@djcon.org

STRUCTURAL REVIEWER  
KSG PROJECTS AND INFRASTRUCTURE CONSULTANTS  
P-543, RAJA BASANTA ROY ROAD, KOLKATA-700-029  
SCALE:- 1:100, 1:50, 1:25, 1:10 DATE:- 14.12.2018.  
DRAWING NO.- D.J. CONSULTANTS/5-1-NARODE BEHARI MULLICK ROAD/SANCTION/ST-1 (SHEET 2 OF 2)