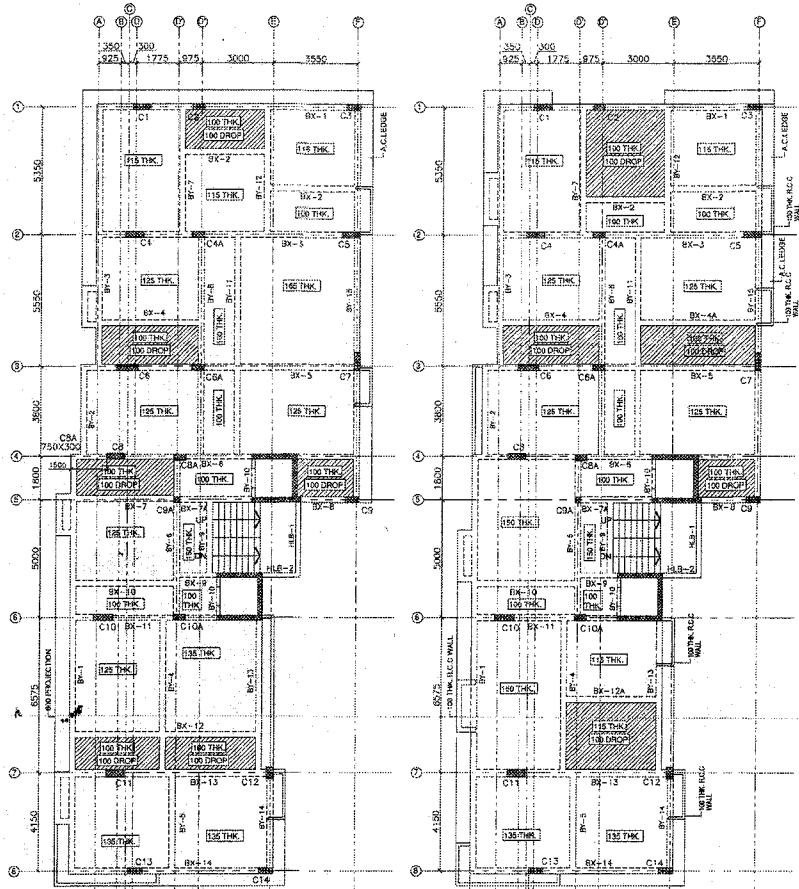
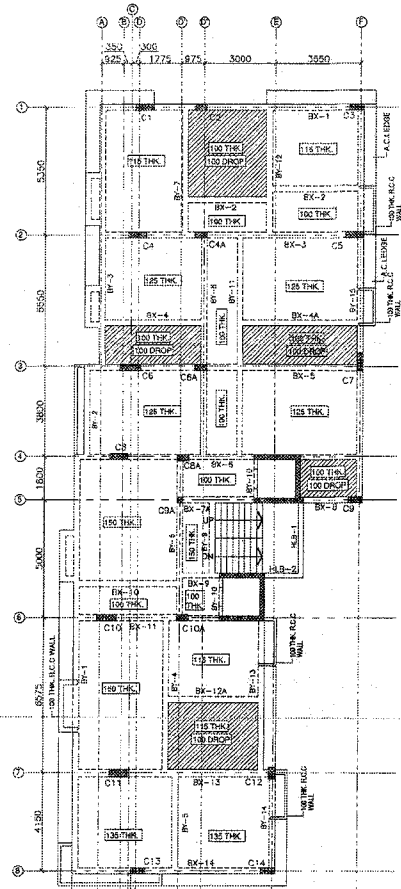


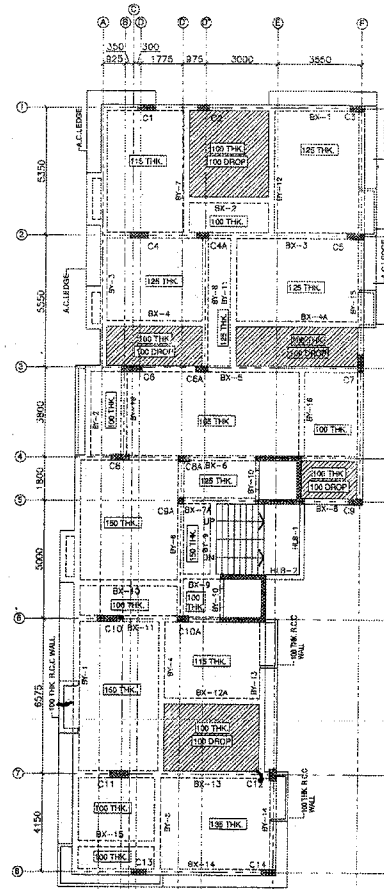
TYPICAL SECTION THROUGH STAIR



FIRST FLOOR BEAM LAYOUT PLAN



SECOND FLOOR BEAM LAYOUT PLAN



TYPICAL (3RD & 4TH) FLOOR BEAM LAYOUT PLAN

TYPICAL FLOOR BEAM SCHEDULE:-

BEAM	BEAM SIZE	SUPPORT REINFORCEMENT			SPAN REINFORCEMENT		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
BX-1	250X200	3-25	3-20	2L-8@115 C/C	2-25	3-20	2L-8@200 C/C
BX-2	250X400	2-18	3-16	2L-8@115 C/C	2-16	3-16	2L-8@200 C/C
BX-3	250X600	6-25	3-25	2L-10@150 C/C	3-25	3-25	2L-10@200 C/C
BX-4	250X400	3-18	3-16	2L-8@150 C/C	2-16	3-16	2L-8@200 C/C
BX-4A	250X400	2-18	3-16	2L-8@150 C/C	2-16	3-16	2L-8@200 C/C
BX-5	250X650	6-25	3-25	2L-8@150 C/C	2-25	3-25	2L-8@200 C/C
BX-6	200X650	2-25	2-25	2L-8@150 C/C	2-25	2-25	2L-8@200 C/C
BX-7	250X400	2-16	3-20	2L-8@150 C/C	2-16	3-20	2L-8@200 C/C
BX-7A	250X550	2-20	3-20	2L-8@150 C/C	2-20	3-20	2L-8@200 C/C
BX-8	250X550	2-18	3-20	2L-8@150 C/C	2-20	3-20	2L-8@200 C/C
BX-9	250X600	3-20	3-20	2L-8@150 C/C	3-20	3-20	2L-8@200 C/C
BX-10	250X400	2-16	3-16	2L-8@150 C/C	2-16	3-16	2L-8@200 C/C
BX-11	250X400	2-25	3-25	2L-8@150 C/C	2-25	3-25	2L-8@200 C/C
BX-12	250X400	3-20	3-20	2L-8@150 C/C	3-20	3-20	2L-8@200 C/C
BX-12A	250X400	2-20	3-20	2L-8@150 C/C	2-20	3-20	2L-8@200 C/C
BX-13	250X750	3-25	3-25	2L-8@150 C/C	2-25	3-25	2L-8@200 C/C
BX-14	250X750	3-25	3-20	2L-8@150 C/C	2-25	3-20	2L-8@200 C/C
BX-15	250X400	2-16	3-16	2L-8@150 C/C	2-16	3-16	2L-8@200 C/C
HLB-1	200X300	3-20	3-20	2L-8@150 C/C	2-20	3-20	2L-8@200 C/C

TYPICAL FLOOR BEAM SCHEDULE:-

BEAM	BEAM SIZE	SUPPORT REINFORCEMENT			SPAN REINFORCEMENT		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
BX-1	250X200	3-25	3-20	2L-8@115 C/C	2-25	3-20	2L-8@200 C/C
BX-2	250X400	2-18	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C
BX-3	250X600	6-25	3-25	2L-10@150 C/C	3-25	3-25	2L-10@200 C/C
BX-4	250X400	2-18	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C
BX-5	250X400	2-18	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C
BX-6	250X650	6-25	3-25	2L-8@115 C/C	2-25	3-25	2L-8@200 C/C
BX-7	250X400	2-16	3-20	2L-8@115 C/C	2-16	3-20	2L-8@200 C/C
BX-8	250X400	2-18	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C
BX-9	250X400	2-18	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C
BX-10	250X300	2-16	3-20	2L-8@115 C/C	2-16	3-20	2L-8@200 C/C
BX-11	250X500	3-20	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C
BX-12	250X500	3-20	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C
BX-13	250X500	3-20	3-25	2L-8@115 C/C	2-25	3-25	2L-8@200 C/C
BX-14	250X400	3-18	3-18	2L-8@115 C/C	2-18	3-18	2L-8@200 C/C
BX-15	250X500	6-25	3-25	2L-8@115 C/C	2-25	3-25	2L-8@200 C/C
BX-16	250X400	3-16	3-18	2L-8@115 C/C	2-16	3-18	2L-8@200 C/C
HLB-2	200X300	3-20	3-20	2L-8@115 C/C	2-20	3-20	2L-8@200 C/C

FLOOR SLAB SCHEDULE:-

SLAB THK	SHORTER SPAN			LONGER SPAN		
	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP
100	8T @ 150 C/C	8T @ 200 C/C	8T @ 150 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 200 C/C
115	8T @ 150 C/C	8T @ 175 C/C	8T @ 150 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 200 C/C
125	8T @ 150 C/C	8T @ 175 C/C	8T @ 150 C/C	8T @ 150 C/C	8T @ 175 C/C	8T @ 175 C/C
135	8T @ 125 C/C	8T @ 150 C/C	8T @ 125 C/C	8T @ 125 C/C	8T @ 150 C/C	8T @ 150 C/C
150	10T @ 150 C/C	10T @ 200 C/C	10T @ 150 C/C	10T @ 150 C/C	10T @ 200 C/C	10T @ 200 C/C
165	10T @ 125 C/C	10T @ 150 C/C	10T @ 125 C/C	10T @ 125 C/C	10T @ 200 C/C	10T @ 200 C/C

PROJECT:-
 PROPOSED G+IV STORED (HT 15.450 M)
 RESIDENTIAL BUILDING U/S 983 A OF K.M.C
 ACT 1980 & KMC BUILDING RULE- 2009 AT
 PREMISES NO-752A HAZRA ROAD, WARD
 NO.- 25, SCROUGH, VII, P.S. LAKE, P.O
 SARAT BOSE ROAD, KOLKATA-700 028.

- NOTES**
- ALL DIMENSIONS ARE IN MM EXCEPT NOTED
 - GRADE OF CONCRETE M30
 - GRADE OF STEEL Fe410
 - CLEAR COVER TO MAIN REINFORCEMENT
 - FLOOR BEAM - 25
 - FLOOR SLAB - 20
 - ALL LAPS ARE TO BE STOKED & ARE STAGGERED
 - ALL DISTRIBUTION BAR @100MM/C
 - ALL SPACER BAR ARE TO BE PROVIDED @ 800/C

DECLARATION OF STRUCTURAL ENGINEER
 I, THE SIGNATURE OF THE ENGINEER, HAVE SUPERVISED THE DESIGN AND CONSTRUCTION OF THE BUILDING AND HAVE BEEN MADE BY ME AND THE ARCHITECT, IN THE PRESENCE OF THE OWNER, AND I AM NOT RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT. I HAVE NOTED THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT. I HAVE NOTED THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT.

BEDEK BHASKAR MULLICK
 S.E. No. 1775
 KOLKATA MUNICIPAL ENGINEER

DECLARATION OF ARCHITECT
 I, THE SIGNATURE OF THE ARCHITECT, HAVE SUPERVISED THE DESIGN AND CONSTRUCTION OF THE BUILDING AND HAVE BEEN MADE BY ME AND THE STRUCTURAL ENGINEER, IN THE PRESENCE OF THE OWNER, AND I AM NOT RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT. I HAVE NOTED THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT. I HAVE NOTED THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT.

SEBASTIAN SETHU
 ARCHITECT

DECLARATION OF OWNER
 I, THE SIGNATURE OF THE OWNER, HAVE SUPERVISED THE DESIGN AND CONSTRUCTION OF THE BUILDING AND HAVE BEEN MADE BY ME AND THE ARCHITECT AND STRUCTURAL ENGINEER, IN THE PRESENCE OF THE ARCHITECT AND STRUCTURAL ENGINEER, AND I AM NOT RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT. I HAVE NOTED THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT. I HAVE NOTED THE DESIGN AND CONSTRUCTION OF THE BUILDING AS PER THE PLAN AND SPECIFICATIONS OF THE ARCHITECT.

Dr. S. K. Chakraborty
 M. S. (S), P.H.D.
 Foundation Engineer

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 WEBSITE: www.espaceindia.com

CERTIFIED COPY

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KOTA KATA MUNICIPAL CORPORATION
BUILDING DEPARTMENT
CERTIFIED COPY OF B.S. PLAN
No. S.B. 100/100/100/100
Drawing No. N/11
KOTA KATA, MALAYSIA

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