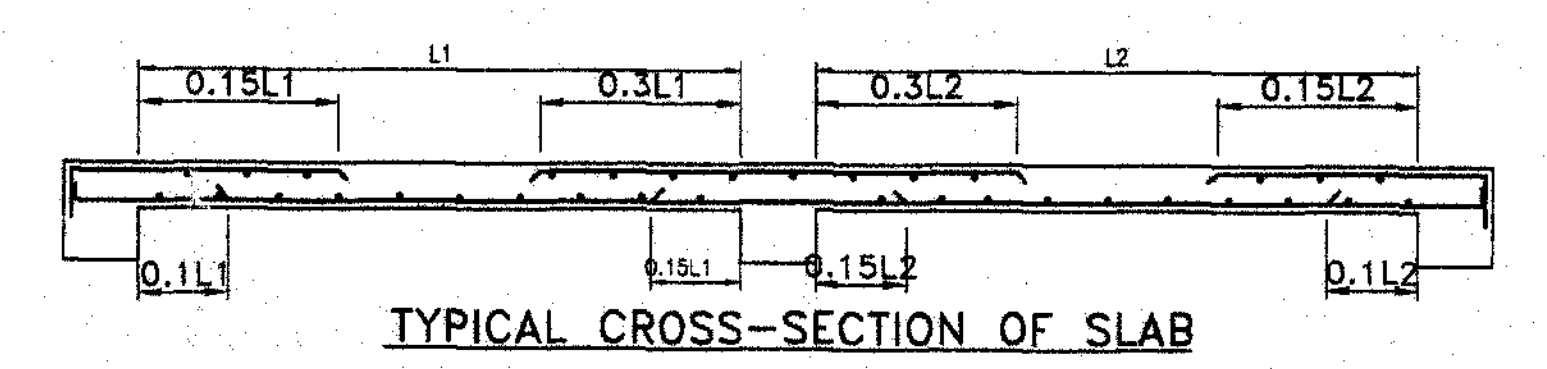


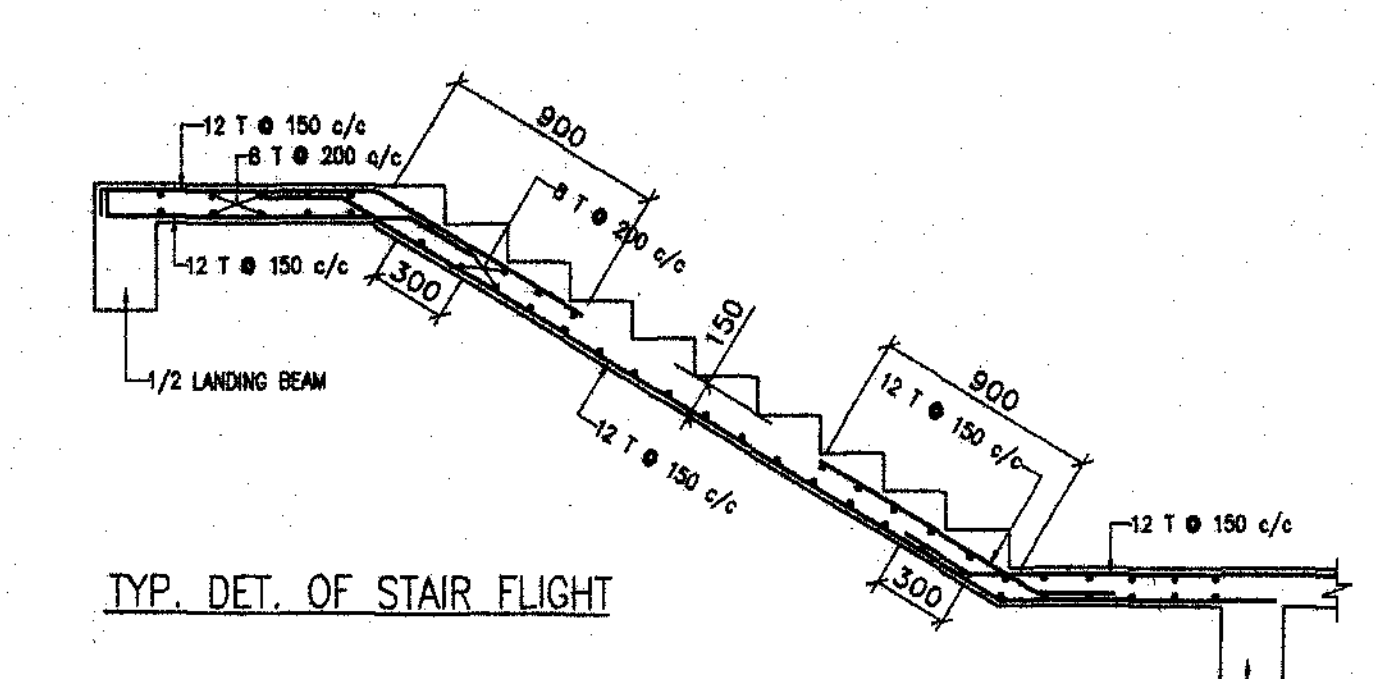
BEAM SCHEDULE

BEAM MKD	SIZE (IN mm)	AT SUPPORT		AT SPAN		STIRRUPS	
		TOP	BOT	TOP	BOT	SUPPORT	SPAN
B1	250x500	5-20 T	3-20 T	3-20 T	3-20 T	2L-8T@125c/c	2L-8T@200c/c
B1A	250x450	5-20 T	3-20 T	3-20 T	3-20 T	2L-8T@125c/c	2L-8T@200c/c
B2	250x500	4-20 T	2-20 T	2-20 T	2-20 T	2L-8T@125c/c	2L-8T@200c/c
B3	250x500	4-16 T	2-16 T	2-16 T	2-16 T	2L-8T@150c/c	2L-8T@200c/c
B4	300x500	6-20 T	3-20 T	3-20 T	3-20 T	2L-10T@150c/c	2L-10T@200c/c
SB	250x450	2-12 T	2-16 T	2-12 T	2-16 T	2L-8T@200c/c	2L-8T@200c/c
SB1	250x350	2-16 T	2-16 T	2-16 T	2-16 T	2L-8T@200c/c	2L-8T@200c/c
SB2	250x500	2-16 T	2-16 T	2-16 T	4-16 T	2L-8T@200c/c	2L-8T@200c/c
CB	250x450	5-20 T	3-20 T	5-20 T	3-20 T	2L-8T@125c/c	2L-8T@125c/c



SLAB SCHEDULE

SLAB MKD.	SLAB THK.	SHORTER SPAN		LONGER SPAN	
		SUPPORT TOP	MID SPAN BOT	SUPPORT TOP	MID SPAN BOT
S1	110	8T @ 150 C/C	8T @ 150 C/C	8T @ 175 C/C	8T @ 200 C/C
S2	110	8T @ 150 C/C	8T @ 175 C/C	8T @ 175 C/C	8T @ 200 C/C
S3	125	8T @ 150 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 200 C/C
S4	150	10T @ 150 C/C	10T @ 150 C/C	10T @ 150 C/C	10T @ 150 C/C
S5	150	8T @ 125 C/C	8T @ 150 C/C	8T @ 150 C/C	8T @ 175 C/C



2 NOS ADDITIONAL FLOOR HAS BEEN CONSIDERED ON AND ABOVE SANCTION PROPOSAL
 NORMAL CLAY BRICKS(UNIT WEIGHT 2000 Kg/Cum) HAS BEEN CONSIDERED FOR BRICKWORK

THIS DRG. SHALL BE READ ALONG WITH DRG NO KPIC/ESPACE./126, RAMAKRISHNA/CORP./1 OF 2

PROJECT:
 PROPOSED G+X STORIED RESIDENTIAL BUILDING RAMAKRISHNA SARANI,MOUZA -BEHALA, J.L.NO-2, R.S. DAG.NO. 7373,7374, KHATIAN NO.- 267, WARD NO.- 130, BOROUGH -XIV. DIST.- SOUTH 24 PARGANAS.

- NOTES:**
- ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN M. U.N.O.
 - GRADE OF REINFORCEMENT IS Fe500.
 - GRADE OF CONCRETE IS
 - PILE = M25
 - FOUNDATION TO 5th. FLOOR LEV. = M30
 - 5th. FLOOR LEV. TO ROOF = M30
 - LAP/ENDS LENGTH SHALL BE 40d WHERE D IS THE DIA OF SMALLER BAR.
 - CLEAR COVER TO REINFORCEMENT-
 - PILE/PIECECAP= 50 mm
 - COLUMN & BEAM = 40 mm
 - FLOOR BEAM = 25 mm d) FLOOR SLAB = 20 mm
 - INSET SLAB = 20 mm
 - SPECIAL NOTES FOR PILES--
 - SLUMP FOR CONCRETE SHALL BE 150 TO 180.
 - MINIMUM W/C RATIO IS 0.40
 - MINIMUM CEMENT CONTENT IS 0.005/KG/M OF CONCRETE.
 - CUTTING SHALL BE DONE BY CHISEL AND BALER.
 - EXTRUSION SHALL BE DONE BY D.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.

ARCHITECT'S CERTIFICATE
 THE PLOT HAS BEEN INSPECTED BY ME AND ON THAT BASIS I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE PROPOSED BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULE 2005 AS AMENDED FROM TIME TO TIME THE PLOT IS DEMARCATED BY BOUNDARY WALL ON ALL FOUR SIDES. THE SITE PLAN AND LOCATION PLAN CONFORMS TO THE SITE.

DEBATOSH SAHU
 Architect + Urban Designer
 MARCH, FEB, FLOOR, AND
 Regn. No. CA/89/12368
 DEBATOSH SAHU
 Regn. No. CA/89/12368
 35A, Dr. Sarat Banerjee Road, Kolkata-700 029
 SIGNATURE OF ARCHITECT & SEAL

STRUCTURAL ENGINEER'S CERTIFICATE
 THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

K. Sengupta
 KUSHIK SENGUPTA
 B.E.(CIVIL), M.E.(STRUCTURE)
 E.S.E.-1/76(K.M.C.)
 KUSHIK SENGUPTA
 E.S.E.-1/76(K.M.C.)
 SIGNATURE OF STRUCTURAL ENGINEER & SEAL

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

ALOK ROY
 Empowered Geotechnical Engineer
 Kolkata Municipal Corporation
 Class-I, No.- G/T/11
 5A, Main Park, Kolkata-700 084
 ALOK ROY
 GTE No. 1/11
 SIG. OF GEO-TECHNICAL ENGINEER

TOP PROJECTS PVT. LTD.
 Director
 SIGNATURE OF OWNER & SEAL

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STRUCTURAL CONSULTANT
 KSG PROJECTS AND INFRASTRUCTURE CONSULTANTS
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SCALE:- 1:100,1:50,1:25,1:10 DATE:08-09-2020
 DRAWING NO.-KPIC/ESPACE./126, RAMAKRISHNA/CORP./2 OF 2