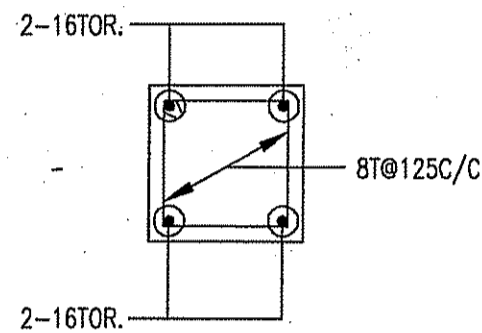
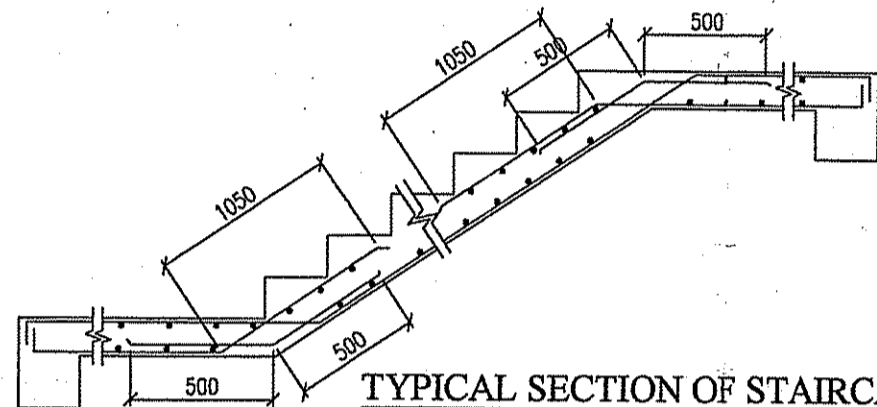


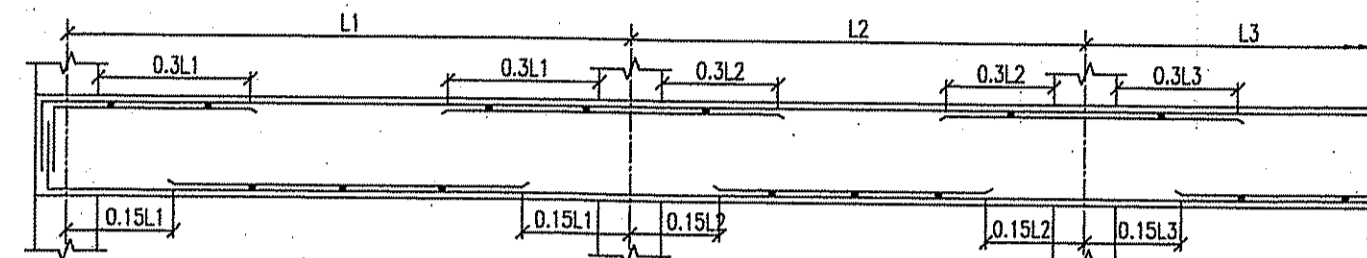
TYPICAL C/S OF SLAB
SCALE 1:25



TYPICAL CROSS SECTION
OF SC (250X250)
(BLOCK-1)
SCALE 1:10



TYPICAL SECTION OF STAIRCASE
THICKNESS OF WAIST SLAB 150 MM.
MAIN REINFORCEMENT 12TOR@125C/C
DISTRIBUTION 8TOR@200C/C
SCALE 1:25



TYPICAL LONG SECTION OF BEAM
SCALE 1:25

SCHEDULE OF SLABS (BLOCK-2)					
PANEL MKD.	THICKNESS (mm.)	SHORTER BARS		LONGER BARS	
		TOP OVER SUPPORT	BOTTOM AT SPAN	TOP OVER SUPPORT	BOTTOM AT SPAN
S1	200	10TOR.@150C/C	10TOR.@175C/C	10TOR.@175C/C	10TOR.@175C/C
S2	100	8TOR.@150C/C	8TOR.@175C/C	8TOR.@175C/C	8TOR.@200C/C
CS	125	10TOR.@150C/C	10TOR.@150C/C	8TOR.@200C/C	8TOR.@200C/C

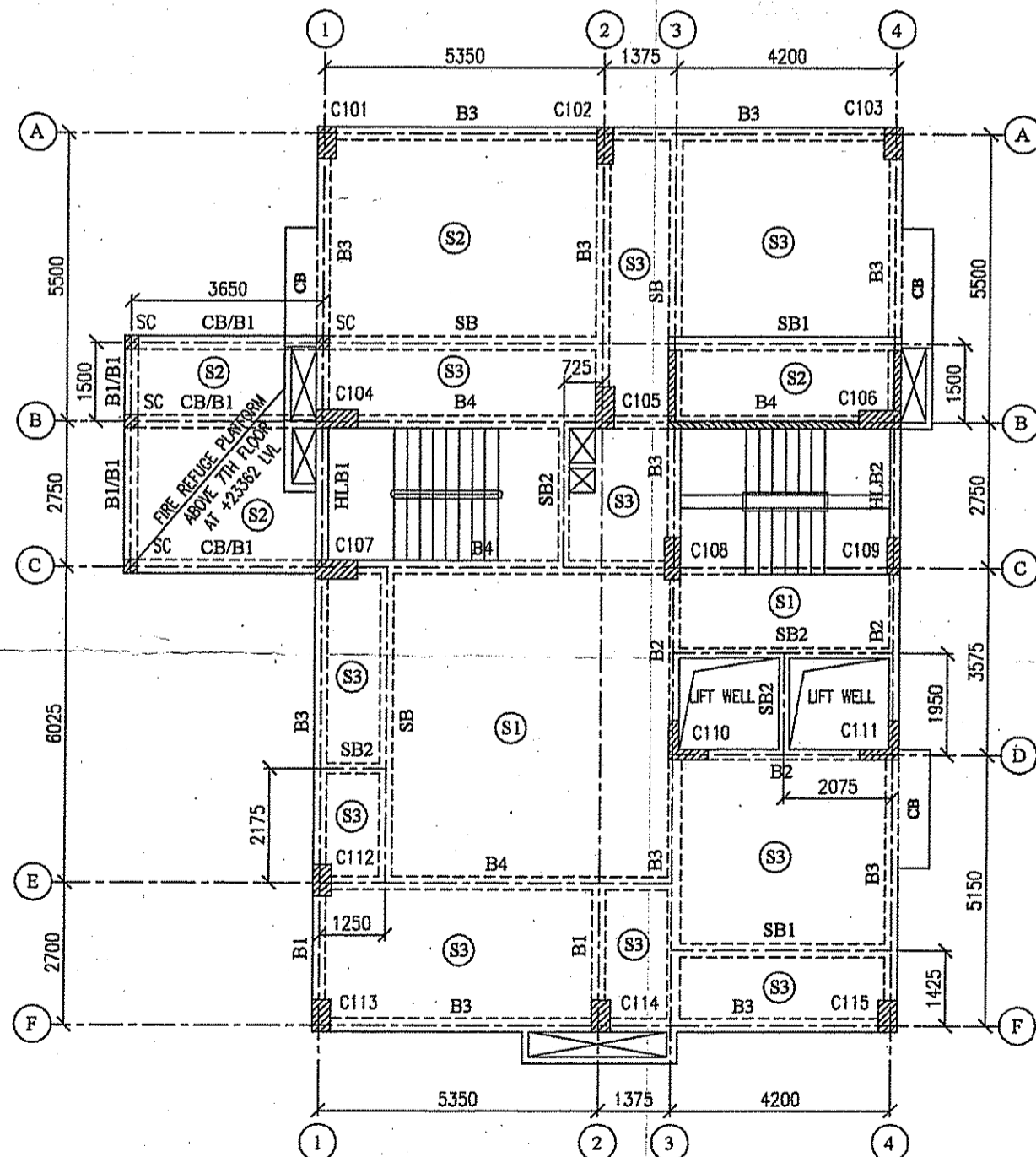
PROVIDE DISTRIBUTION 8TOR. @ 200 C/C WHERE NECESSARY

SCHEDULE OF SLABS (BLOCK-1)					
PANEL MKD.	THICKNESS (mm.)	SHORTER BARS		LONGER BARS	
		TOP OVER SUPPORT	BOTTOM AT SPAN	TOP OVER SUPPORT	BOTTOM AT SPAN
S1	175	10TOR.@150C/C	10TOR.@150C/C	10TOR.@175C/C	10TOR.@175C/C
S2	125	8TOR.@150C/C	8TOR.@175C/C	8TOR.@175C/C	8TOR.@200C/C
S3	110	8TOR.@175C/C	8TOR.@175C/C	8TOR.@175C/C	8TOR.@200C/C
CS	125	10TOR.@150C/C	10TOR.@150C/C	8TOR.@200C/C	8TOR.@200C/C

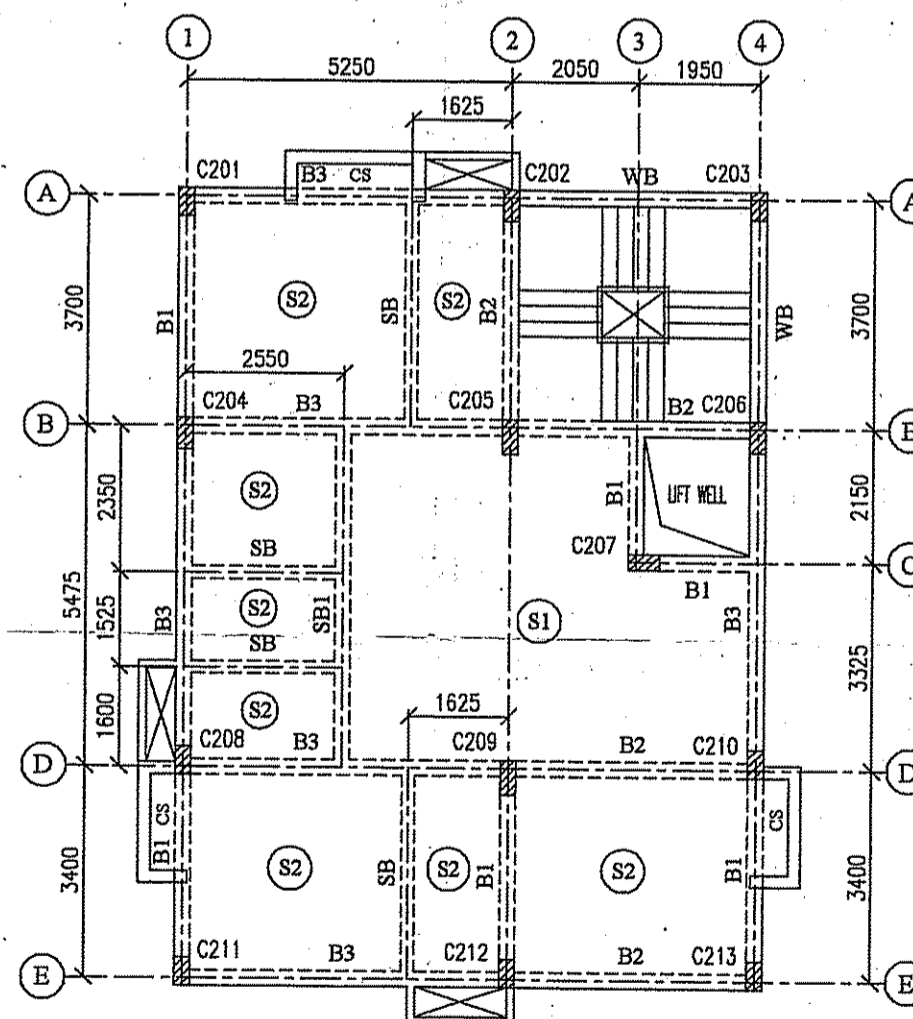
PROVIDE DISTRIBUTION 8TOR. @ 200 C/C WHERE NECESSARY

SCHEDULE OF BEAMS (BLOCK-2)							
BEAM MKD.	SIZE	AT SUPPORT		AT SPAN		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250 X 600	2-16TOR.+ 2-12TOR.	2-16TOR.+ 1-12TOR.	2-16TOR.	2-16TOR.+ 1-12TOR.	2L-8TOR.@125C/C	2L-8TOR.@175C/C
B2	250 X 600	3-16TOR.+ 2-12TOR.	3-16TOR.	3-16TOR.	3-16TOR.	2L-8TOR.@125C/C	2L-8TOR.@175C/C
B3	250 X 600	3-20TOR.+ 2-20TOR.	3-20TOR.	3-20TOR.	3-20TOR.+ 2-16TOR.	2L-8TOR.@100C/C	2L-8TOR.@150C/C
SB	200 X 400	2-16TOR.	2-16TOR.+ 1-12TOR.	2-16TOR.	2-16TOR.+ 1-12TOR.	2L-8TOR.@150C/C	2L-8TOR.@150C/C
SB1	250 X 600	3-16TOR.	3-20TOR.	3-16TOR.	3-20TOR.+ 2-20TOR.	2L-8TOR.@125C/C	2L-8TOR.@125C/C
WB	250 X 450	3-20TOR.	3-20TOR.	3-20TOR.	3-20TOR.	2L-8TOR.@125C/C	2L-8TOR.@125C/C

SCHEDULE OF BEAMS (BLOCK-1)							
BEAM MKD.	SIZE	AT SUPPORT		AT SPAN		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250 X 600	2-16TOR.+ 1-12TOR.+ 2-12TOR.	3-16TOR.	2-16TOR.+ 1-12TOR.	3-16TOR.	2L-8TOR.@150C/C	2L-8TOR.@150C/C
B2	250 X 600	2-20TOR.+ 2-20TOR.	2-20TOR.	2-20TOR.	2-20TOR.+ 2-16TOR.	2L-8TOR.@125C/C	2L-8TOR.@150C/C
B3	250 X 600	3-20TOR.+ 3-20TOR.	3-20TOR.	3-20TOR.	3-20TOR.	2L-8TOR.@100C/C	2L-8TOR.@150C/C
B4	250 X 600	3-20TOR.+ 3-20TOR.	3-20TOR.	3-20TOR.	3-20TOR.+ 2-16TOR.	2L-10TOR.@100C/C	2L-10TOR.@125C/C
CB	250 X 600	3-20TOR.+ 3-20TOR.	3-20TOR.	3-20TOR.+ 3-20TOR.	3-20TOR.	2L-10TOR.@100C/C	2L-10TOR.@100C/C
SB	250 X 600	3-16TOR.	3-16TOR.	3-16TOR.	3-16TOR.+ 3-16TOR.	2L-8TOR.@125C/C	2L-8TOR.@125C/C
SB1	250 X 600	2-16TOR.	2-16TOR.	2-16TOR.	2-16TOR.+ 1-12TOR.	2L-8TOR.@150C/C	2L-8TOR.@150C/C
SB2	200 X 600	2-16TOR.	2-16TOR.	2-16TOR.	2-16TOR.+ 2-12TOR.	2L-8TOR.@150C/C	2L-8TOR.@150C/C
HLB1	250 X 600	3-16TOR.+ 2-16TOR.	3-20TOR.	3-16TOR.+ 2-16TOR.	3-20TOR.	2L-8TOR.@125C/C	2L-8TOR.@125C/C
HLB2	200 X 600	2-20TOR.+ 2-16TOR.	2-16TOR.+ 2-16TOR.	2-16TOR.+ 2-16TOR.	2-16TOR.+ 2-16TOR.	2L-8TOR.@125C/C	2L-8TOR.@125C/C



TYP. FLOOR SHUTTERING PLAN
SCALE 1:100 (BLOCK-1)



TYP. FLOOR SHUTTERING PLAN (BLOCK-2)
SCALE 1:100

1) AAC BLOCK HAVING MAXIMUM UNIT WEIGHT OF 1000kg/cum HAS BEEN CONSIDERED FOR BRICK WORK (EXCEPT LIFT WALL)
2) TWO ADDITIONAL FLOORS HAVE BEEN CONSIDERED FOR G+12 BUILDING ON AND ABOVE PROPOSAL IN PLAN

PROJECT
PROPOSED G+12 & G+4 STORIED RESIDENTIAL BUILDING AT 2B/1 DOVER ROAD, P.5 - BALLYGUNGE, KOLKATA - 700019. SUPERSEDING PREVIOUS SANCTIONED PLAN VIDE B.P. NO. - 2013080096, DATED - 02.12.2013
WARD NO. - 069 BOROUGH NO. - VIII

NOTES:
1. ALL DIMENSIONS ARE IN MM. AND LEVELS ARE IN METRE U. N. O.
2. GRADE OF CONCRETE : (BLOCK-1)
a) PILE : M25.
b) PILE CAP : M35.
c) SUPERSTRUCTURE UP TO 4TH. FLOOR : M35.
ABOVE 4TH. TO 8TH. FLOOR : M30.
ABOVE 8TH. FLOOR : M25.
3. GRADE OF REINFORCEMENT SHALL BE Fe500.
4. CLEAR COVER TO MAIN REINFORCEMENT
a) COLUMN = 40mm.
b) FLOOR BEAM = 25mm.
c) FLOOR SLAB = 20mm.
d) LIFT WALL = 20mm.
6. LAP/BOND LENGTH SHALL BE 50D WHERE D IS THE DIAMETER OF BAR.

DECLARATION OF 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 U.G.W.R & SEPTIC TANK TAKEN UNDER THE GUIDANCE OF LBS/ESE BEFORE STARTING OF BUILDING FOUNDATION.

SMITKRITI ENTERPRISES PVT. LTD
Signature
DIRECTOR
SMITKRITI ENTERPRISES PVT. LTD.
SIGNATURE OF OWNER

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 FLEED UP TANK. THERE IS AN EX STRUCTURE TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK IF IT IS FULLY OCCUPIED BY THE OWNER AND THERE IS A TENANT.
Signature
DEBATOSH SAHU
Architect • Urban Designer
M.ARCH. F.I.A. FI.DI. A.I.I.D.
Regn. No. CA/89/12368
DEBATOSH SAHU (CA/89/12368)
SIGNATURE OF ARCHITECT & SEAL

DECLARATION 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 I.B.C OF INDIA AND BASIS OF SOIL INVESTIGATION REPORT BY M.L. S.K. BOSE (GEOTECH ENGINEERS) CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.
Signature
ROUSHIK SENGUPTA
B.E. (CIVIL), M.E. (STRUCTURE)
E. S. E. - 1/76 (K. M. C.)
KOUSIK SENGUPTA ESE - 176
SIGNATURE OF STRUCTURAL ENGINEER & SEAL

DR. SUJIT KUMAR BOSE
Ph.D., M.C.E. (Soil), B.C.E. (Hons.)
MIGS. MIRC
Empaneled Geotechnical Engineer (I) under K.M.C
Licence No. 108113
NAME OF GEOTECHNICAL ENGINEER

ARCHITECT.
ESPACE
35-A, DR. SARAT BANERJEE ROAD, KOLKATA-700029
TeleFax : 91-33-2465-4130 / 4159
e-mail : espace@vsnl.net
WEBSITE : www.espaceindia.com

STRUCTURAL DRAWING (SUPERSTRUCTURE DET.)
SCALE - 1 : 100, 50, 25, 10
KSG PROJECTS AND INFRASTRUCTURE CONSULTANTS
51/2 MAHAJATI NAGAR, BIRATI, KOLKATA-700051
date: -02-01-18
sheet - 2 OF 2