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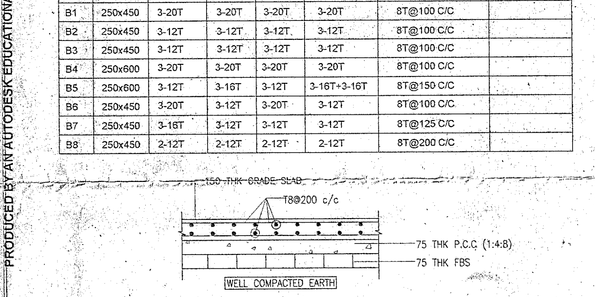
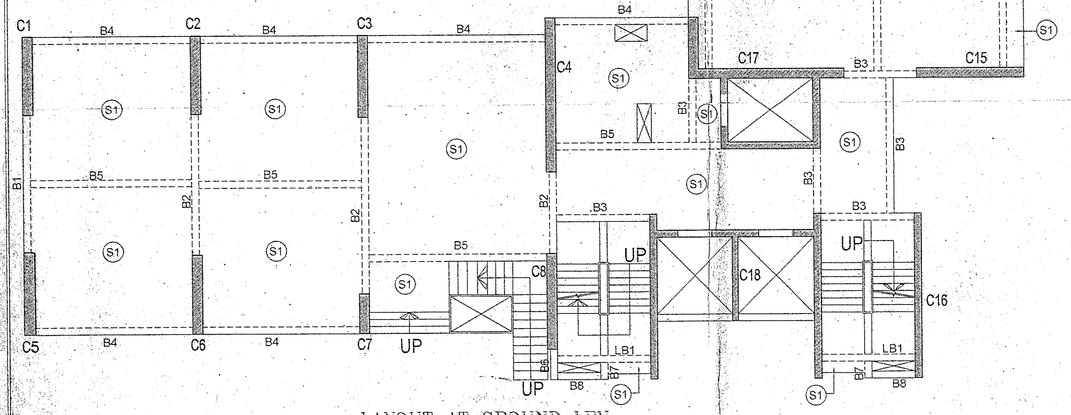
GROUND FLOOR

BEAM SCHEDULE AT GROUND FLOOR LVL.

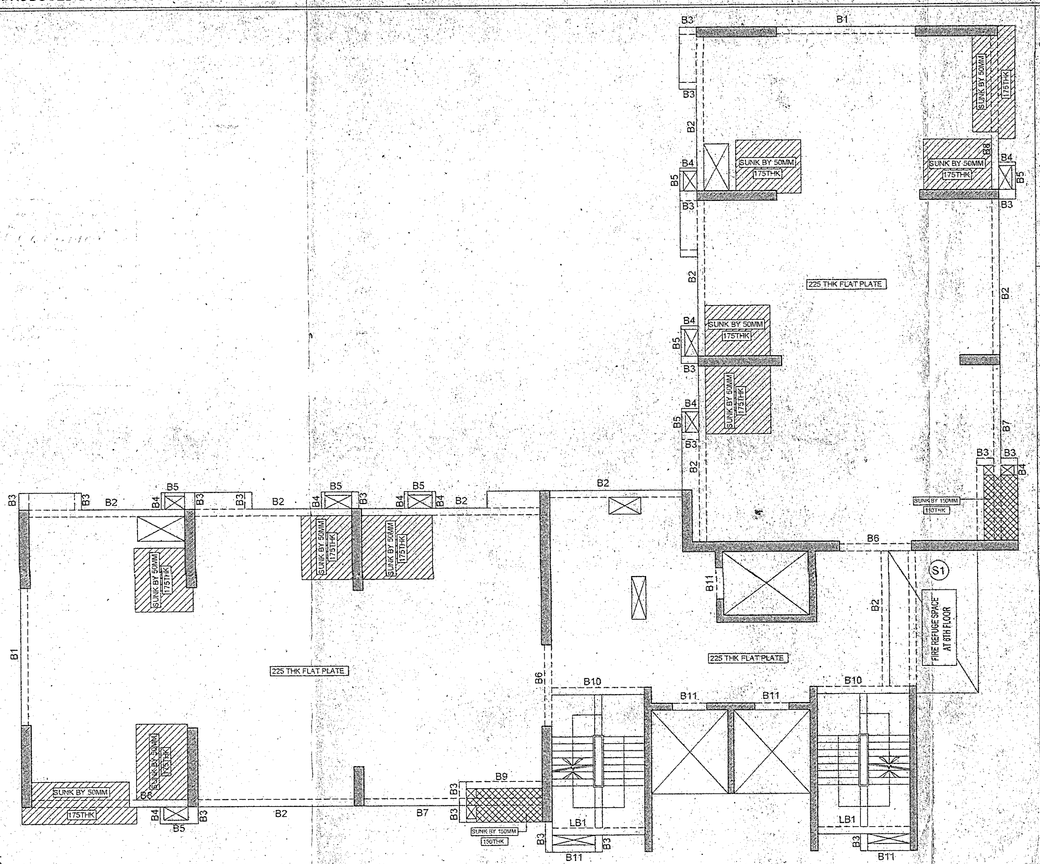
BEAM MKD.	SIZE(WxD) (MM.)	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		STIRRUPS	REMARKS
		TOP	BOTTOM	TOP	BOTTOM		
B1	250x450	3-20T	3-20T	3-20T	3-20T	8T@100 C/C	
B2	250x450	3-12T	3-12T	3-12T	3-12T	8T@100 C/C	
B3	250x450	3-12T	3-12T	3-12T	3-12T	8T@100 C/C	
B4	250x600	3-20T	3-20T	3-20T	3-20T	8T@100 C/C	
B5	250x600	3-12T	3-16T	3-12T	3-16T+3-16T	8T@150 C/C	
B6	250x450	3-20T	3-12T	3-20T	3-12T	8T@100 C/C	
B7	250x450	3-16T	3-12T	3-12T	3-12T	8T@125 C/C	
B8	250x450	2-12T	2-12T	2-12T	2-12T	8T@200 C/C	



TYPICAL GRADE SLAB DETAILS
MARKED 'S1'



LAYOUT AT GROUND LEV.



LAYOUT AT IST TO 6TH FLOOR LEV.

(1ST TO 6TH FLOOR LEV.)

BEAM SCHEDULE

BEAM MKD.	SIZE(WxD) (MM.)	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		STIRRUPS	REMARKS
		TOP	BOTTOM	TOP	BOTTOM		
B1	250x850	4-25T + 4-20T	4-20T	4-20T	4-20T + 4-20T	8T@100/200c/c	SIDE FACE 2-12T
B2	250x850	4-25T + 4-25T	4-25T	4-25T	4-25T + 4-20T	8T@100/200c/c	SIDE FACE 2-12T
B3	250x600	3-20T	3-12T	3-20T	3-12T	10T@100c/c	
B4	250x600	2-16T	2-10T	2-16T	2-10T	8T@100c/c	
B5	250x600	2-10T	2-10T	2-10T	2-10T	8T@150c/c	
B6	250x850	4-25T	4-25T	4-25T	4-25T	10T@100c/c	SIDE FACE 2-12T
B7	250x850/600	4-25T + 4-25T	4-25T	4-25T	4-25T + 4-20T	8T@100/200c/c	SIDE FACE 2-12T
B8	250x850/800	4-25T + 4-25T	4-25T	4-25T	4-25T + 4-20T	8T@100/200c/c	SIDE FACE 2-12T
B9	250x600	2-12T	2-16T	2-12T	2-16T	8T@200c/c	
B10	250x600	2-20T	2-20T	2-20T	2-20T	8T@150c/c	
B11	250x450	2-16T	2-16T	2-16T	2-16T	8T@150c/c	
LB1	250x600	2-20T	2-20T	2-20T	2-20T	8T@150c/c	

NOTES:-

1) THIS DRAWING IS TO BE READ WITH ARCHITECTURAL DRGS.
2) CONCRETE GRADE FOR
   BEAM,SLAB- M30
   COLUMN- M60
3) STEEL TO BE USED TOR STEEL (Fe 500)
4) ALL DIMENSION ARE IN MM.
5) LAP LENGTH WILL BE 50 D.
6) CLEAR COVER :-
   BEAM- 25MM.
   SLAB- 30MM.
   COLUMN- 40MM.

PARASMANI PROPERTIES PVT. LTD.
Director / Authorised Signatory

SHANSUD MARKETING PVT. LTD.
Director / Authorised Signatory

MANI SQUARE LIMITED
Director / Authorised Signatory

For Tamahque Vinimay Pvt. Ltd.
Samudra Vyapaar Pvt. Ltd.
Sa Niket Pvt. Ltd.
Elephantus Developers Pvt. Ltd.
Fresa Builders Pvt. Ltd.
Fresa Constructions Pvt. Ltd.
Historic Builders Pvt. Ltd.
Fresa Properties Pvt. Ltd.
(Director/Authorised Signatory)

For Mani Griha Nirman Pvt. Ltd.
Fresa Real Estate Pvt. Ltd.
Elephantus Projects Pvt. Ltd.
Fragum Real Estate Pvt. Ltd.
Fragum Projects Pvt. Ltd.
Bloombuilt Construction Pvt. Ltd.
(Director/Authorised Signatory)

SIGNATURE OF OWNER

CERTIFICATE OF STRUCTURAL ENGINEER:-

THIS IS TO CERTIFY THAT "THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE 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".

SUMITA DEY
M.C.E, M.I.E., C.E.
ESE/I/93

SIGNATURE OF STRUCTURAL ENGINEER

CERTIFICATE OF ARCHITECT:-

THE L.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BLDG. RULES 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRM WITH THE PLAN AND IT IS A BUILD ABLE SITE AND NOT A TANK OR A FILLED UP TANK.

Rajkumar Agarwal
Architect
Member of Council of Architecture CA / 94 / 17940

SIGNATURE OF ARCHITECT

PROJECT:-

PROPOSED G+PARTLY XXIX & PARTLY XXXII STORIED RESIDENTIAL BUILDING U/S 394 OF THE KOLKATA MUNICIPAL CORPORATION ACT, 1980 IN ADDITION TO THE BUILDING SANCTIONED VIDE BUILDING PERMIT NOS. 2011030005 & 201403053 DATED 21.04.2011 & 04.09.2014 RESPECTIVELY AT PERMISES NO. 33A, CANAL CIRCULAR ROAD, KOLKATA-700054, WARD NO. 31, BOROUGH-III, P.S. MANICKTALA

TITLE:- BLOCK-B

LAYOUT & SCHEDULE OF BEAM & SLAB AT GROUND TO 6TH FLOOR LEV.

ARCHITECT

RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET, KOLKATA-16

STRUCTURAL CONSULTANT :
SUMITA DEY
ESE / I / 93

Rakesh Anand
RAKESH ANAND
K.M.C. E S E (I) 98
30, LAKE AVENUE Kol-26
Consulting Engineer

SIGN. OF STRUCTURAL ENGINEER REVIEWER.

SHYAMAL KUMAR MITRA, B.E. (CIVIL)
GEO-TECHNICAL CONSULTANT
LICENSE NO. BM/GEO-TECH/17

SIGN. OF GEO-TECHNICAL ENGINEER.

N

DRAWN BY- TATHAGATA	DRG NO.- S-02
CHKD. BY.- SUMITA DEY	
SCALE :- 1:100	JOB NO:
	DATE :-27.08.14

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