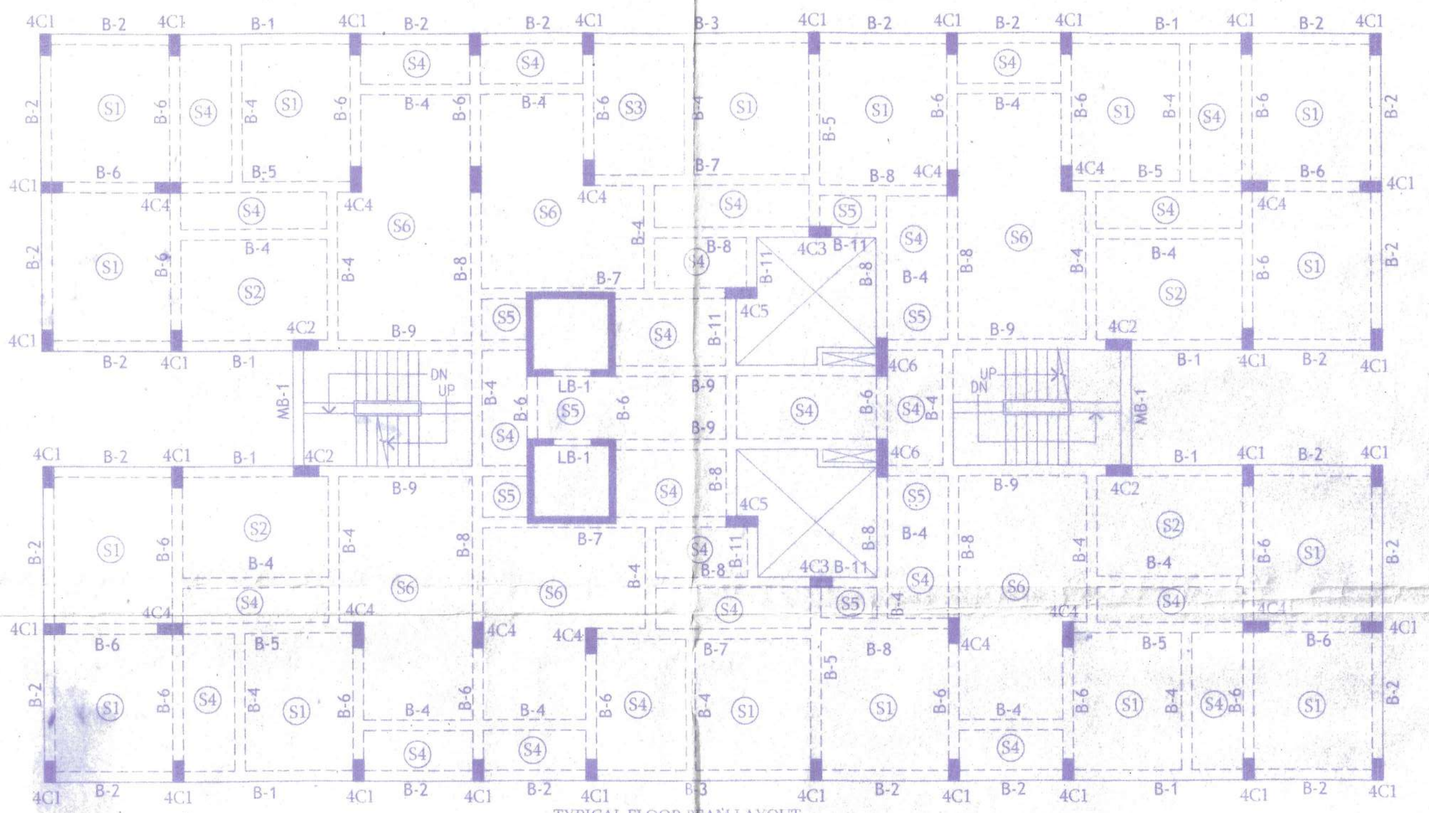
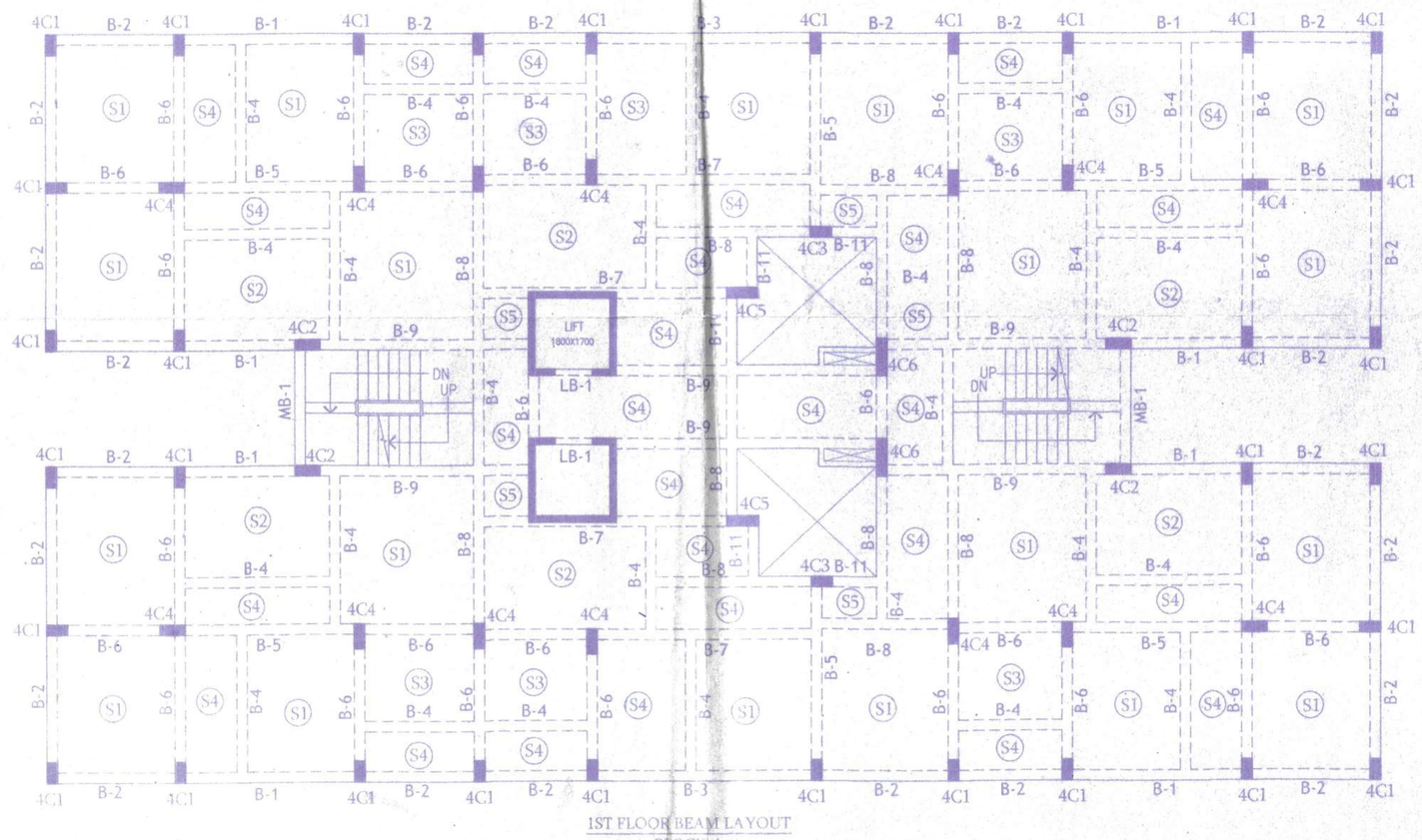
COLUMN SCHEDULE
GRADE OF CONCRETE - M30

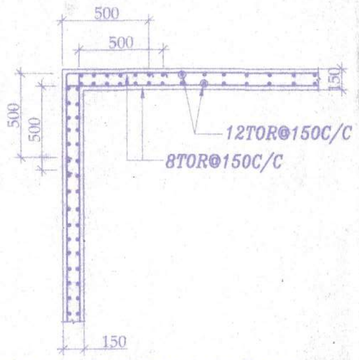
6TH FL. LVL. TO ROOF LVL.	4-16TOR+ 8-12TOR	4-16TOR+ 6-12TOR	10-16TOR	4-16TOR+ 6-12TOR	4-16TOR+ 8-12TOR	6-16TOR+ 8-12TOR
4TH FL. LVL. TO 6TH FL. LVL.	8-16TOR+ 4-12TOR	4-16TOR+ 6-12TOR	10-16TOR	10-16TOR	4-16TOR+ 8-12TOR	6-16TOR+ 8-12TOR
2ND FL. LVL. TO 4TH FL. LVL.	12-16TOR	6-20TOR+ 4-16TOR	4-20TOR+ 6-16TOR	6-20TOR+ 4-16TOR	4-16TOR+ 8-12TOR	4-16TOR+ 8-12TOR
1ST FL. LVL. TO 2ND FL. LVL.	4-20TOR+ 8-16TOR	6-20TOR+ 4-16TOR	6-20TOR+ 4-16TOR	10-20TOR	4-16TOR+ 8-12TOR	14-16TOR
FOUNDATION TO 1ST FL. LVL.	8-20TOR+ 4-16TOR	4-25TOR+ 6-20TOR	6-20TOR+ 4-16TOR	10-20TOR	8-20TOR+ 4-16TOR	14-20TOR
COL SIZE	250X500	250X600	250X500	250X600	250X750	250X900
LINK	8 TOR @ 150 C/C					
COL MARKED	4C1	4C2	4C3	4C4	4C5	4C6



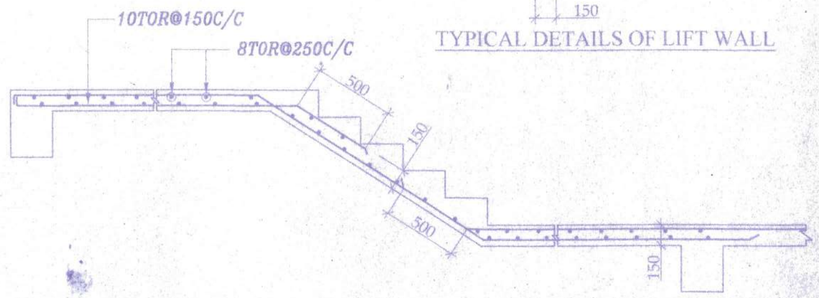
TYPICAL FLOOR BEAM LAYOUT
[2ND FL TO 7TH FL]
BLOCK - 4



1ST FLOOR BEAM LAYOUT
BLOCK - 4



TYPICAL DETAILS OF LIFT WALL



TYPICAL DETAILS OF STAIR

SLAB SCHEDULE
GRADE OF CONCRETE - M25

SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	100	8TOR@400C/C	8TOR@400C/C
S2	100	8TOR@200C/C	8TOR@400C/C
S3	100	8TOR@200C/C	8TOR@200C/C
S4	100	8TOR@150C/C	8TOR@200C/C
S5	100	8TOR@150C/C	8TOR@150C/C
S6	150	10TOR@300C/C	8TOR@300C/C

BEAM SCHEDULE
GRADE OF CONCRETE - M25

BEAM MKD.	BEAM SIZE		REINFT. AT SUPPT.		REINFT. AT SPAN		STIRRUPS AT SUPPORT	STIRRUPS AT SPAN
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM		
B1	250	450	4-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@100C/C	8TOR@200C/C
B2	250	450	5-16TOR	3-16TOR	2-16TOR	2-16TOR	8TOR@100C/C	8TOR@200C/C
B3	250	450	5-16TOR	2-16TOR	3-16TOR	3-16TOR	8TOR@100C/C	8TOR@200C/C
B4	250	450	2-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@150C/C	8TOR@150C/C
B5	250	450	3-20TOR	2-20TOR	2-20TOR	2-20TOR	8TOR@100C/C	8TOR@200C/C
B6	250	450	4-16TOR	2-16TOR	2-16TOR	3-16TOR	8TOR@100C/C	8TOR@200C/C
B7	250	450	3-20TOR	2-20TOR	2-20TOR	2-20TOR	8TOR@100C/C	8TOR@150C/C
B8	250	450	5-16TOR	3-16TOR	3-16TOR	3-16TOR	8TOR@100C/C	8TOR@150C/C
B9	250	450	3-25TOR	2-20TOR	2-25TOR	2-20TOR	8TOR@100C/C	8TOR@200C/C
B10	250	450	2-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@150C/C	8TOR@150C/C
B11	250	450	5-16TOR	2-16TOR	5-16TOR	2-16TOR	8TOR@100C/C	8TOR@100C/C
LB-1	250	450	3-16TOR	2-16TOR	3-16TOR	2-16TOR	8TOR@150C/C	8TOR@150C/C

NOTES:-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMIDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMENCING THE WORK
3. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
5. ALL GRADE OF CONCRETE M25
6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
7. FOR STEEL GRADE Fe 500 AS PER I.S 1786-1979.
8. ALL DISTRIBUTION BARS ARE 8ϕ@ 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
9. ALL CHAIRS ARE 10ϕ AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL SPACER BARS ARE 25ϕ@ 900 C/C AND TO BE PROVIDED WHWREVER REQUIRED.
11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
12. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
13. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN			40
c. FLOOR BEAM.	30	30	30
d. TIE BEAM.	30	30	30
e. FLOOR SLAB.	20	20	20

14. THIS DRAWING IS THE PROPERTY OF M/S S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

DIGITAL COMMERCIALS LLP
Vinay Raj Bhansali
Authorised Signatory

SIGNATURE OF OWNER

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT, "THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & 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."

SANJIV J. PAREKH
M.E.(STRUCT.), M.E.(CONST. ENG.),
B. C. E., FIE-(F-018202-4)
E. S. E. NO. 104 (1) K. M. C.

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 W.B.M. BLDG. RULES 2007, 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

REVISED G+VII (24.0 MT. HT.) STORIED RESIDENTAL COMPLEX UNDER B.P. NOs. B-3/RB/D8(A)/14-15 DATED 21.06.2014 UNDER L.R. DAG NO. 301 CORRESPONDING TO R.S. DAG NO.-192, R.S. KHATIAN NO.-565, MOUZA-CHANDERNAGORE, MANKUNDU STATION ROAD (AT SAMBHU MORE), WITHIN THE MUNICIPAL LIMITS OF THE CHANDERNAGORE MUNICIPALITY CORPORATION, P.S. CHANDERNAGORE, DIST.-HOOGHLY (W.B.) HOLDING NO-260, WARD NO- 21

TITLE

CORPORATION DRAWING [BLOCK - 4]

ARCHITECTS

RAJ AGARWAL & ASSOCIATES

8B, ROYD STREET,
KOLKATA - 16

STRUCTURAL ENGINEERS

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DRAWN BY-	CHECKED BY-	DATE-	SCALE :
Debkumar		29.05.18	1:100,25

JOB NO.					
	2014	10	RAJ	34	CHANDAN NAGAR

DRG. NO. 2014/10/RAJ/34/CHANDAN NAGAR(BL-4)/CS-01/R0