COLUMN SCHEDULE(BLOCK-2)

GRADE OF CONCRETE - (M45 UPTO 4TH FL. M40 UPTO 10TH FL. & M35 UPTO ROOF)

13TH FLOOR TO ROOF	18–16TOR	10–20TOR+ 14–16TOR	20–16TOR+ 20–12TOR	18–16TOR	6–20TOR+ 18–16TOR	20–16TOR	16–16TOR	6–16TOR+ 8–12TOR	20–16TOR	20–16TOR	42–16TOR	——	6–20TOR+ 24–16TOR
10TH FLOOR TO 13TH FL.	6–20TOR+ 12–16TOR	14–20TOR+ 10–16TOR	40–16TOR	6–20TOR+ 12–16TOR	14–20TOR+ 10–16TOR	6–20TOR+ 14–16TOR	6–20TOR+ 10–16TOR	6–16TOR+ 8–12TOR	8–20TOR+ 12–16TOR	8–20TOR+ 12–16TOR	10–20TOR+ 32–16TOR	——	14–20TOR+ 16–16TOR
7TH FLOOR TO 10TH FL.	10–20TOR+ 8–16TOR	24–20TOR	40–16TOR	10–20TOR+ 8–16TOR	24–20TOR	14–20TOR+ 6–16TOR	10–20TOR+ 6–16TOR	14–16TOR	12–20TOR+ 8–16TOR	12–20TOR+ 8–16TOR	24–20TOR+ 18–16TOR	——	30–20TOR
4TH FL TO 7TH FL.	18–20TOR	6–25TOR+ 18–20TOR	10–20TOR+ 30–16TOR	18–20TOR	6–25TOR+ 18–20TOR	20–20TOR	16–20TOR	6–20TOR+ 8–16TOR	20–20TOR	20–20TOR	42–20TOR	——	6–25TOR+ 24–20TOR
1ST FL TO 4TH FL.	6–25TOR+ 12–20TOR	10–25TOR+ 14–20TOR	20–20TOR+ 20–16TOR	6–25TOR+ 12–20TOR	14–25TOR+ 10–20TOR	6–25TOR+ 14–20TOR	6–25TOR+ 10–20TOR	14–20TOR	8–25TOR+ 12–20TOR	8–25TOR+ 12–20TOR	10–25TOR+ 32–20TOR	——	14–25TOR+ 16–20TOR
FOUNDATION TO 1ST FLOOR	10–25TOR+ 8–20TOR	14–25TOR+ 10–20TOR	40–20TOR	10–25TOR+ 8–20TOR	14–25TOR+ 10–20TOR	14–25TOR+ 6–20TOR	10–25TOR+ 6–20TOR	6–25TOR+ 8–20TOR	12–25TOR+ 8–20TOR	12–25TOR+ 8–20TOR	10–25TOR+ 32–20TOR	8–20TOR (FOUND. TO GR. FLOOR)	22–25TOR+ 8–20TOR
COL SIZE	300X900	300X1200	200X2175	300X825	300X1275	300X1000	300X775	300X625	300X500/745	300X400/900	300X2375	250X500	300X1500
LINK	10 TOR @ 100 C/C AT SUPPORT UP TO 1000 & REST PORTION 10TOR@150C/C												
COL MARKED	2C1,2C2,2C3,2C4,2C5 2C6,2C13,2C14,2C26 2C27,2C28 2C30,2C31,2C32,2C33 2C34,2C36,2C38,2C39 2C44,2C45,2C47 2C51,2C54,2C57 2C59,2C60,2C62 2C52(250X900)	2C7,2C9,2C10,2C12, 2C16,2C17,2C18,2C21 2C22,2C24 2C37,2C41,2C46,2C48 2C49,2C50,2C53,2C55 2C56	2C19,2C40	2C20	2C23,2C35 —	2C8,2C11 2C25(300x1065)	2C29	2C43	2C58	2C61	2C42	BSC1,BSC2,BSC3 BSC4,BSC5,BSC6 BSC7,BSC8,BSC9 BSC10,BSC11 BSC12,BSC13 BSC14,BSC15 BSC16,BSC17 BSC18,BSC19	2C15

COLUMN SCHEDULE(BLOCK-1)

GRADE OF CONCRETE - (M45 UPTO 4TH FL. M40 UPTO 10TH FL. & M35 UPTO ROOF)

13TH FLOOR TO ROOF	18–16TOR	18–16TOR	10–20TOR+ 14–16TOR	32–12TOR	36–16TOR	24–12TOR	14–16TOR	14–12TOR	16–12TOR	20–12TOR	26–16TOR	——
10TH FLOOR TO 13TH FL.	18–16TOR	6–20TOR+ 12–16TOR	24–20TOR	6–16TOR+ 26–12TOR	14–20TOR+ 22–16TOR	6–16TOR+ 18–12TOR	14–16TOR	14–12TOR	16–12TOR	6–16TOR+ 14–12TOR	12–20TOR+ 14–16TOR	——
7TH FLOOR TO 10TH FL.	18–16TOR	18–20TOR	10–25TOR+ 14–20TOR	14–16TOR+ 18–12TOR	36–20TOR	24–16TOR	4–20TOR+ 10–16TOR	6–16TOR+ 8–12TOR	10–16TOR+ 6–12TOR	10–16TOR+ 10–12TOR	26–20TOR	——
4TH FL TO 7TH FL.	6–20TOR+ 12–16TOR	6–25TOR+ 12–20TOR	24–25TOR	32–16TOR	6–25TOR+ 30–20TOR	6–20TOR+ 18–16TOR	4–20TOR+ 10–16TOR	14–16TOR	10–16TOR+ 6–12TOR	10–16TOR+ 10–12TOR	6–25TOR+ 20–20TOR	——
1ST FL TO 4TH FL.	18–20TOR	6–25TOR+ 12–20TOR	4–32TOR+ 20–25TOR	6–20TOR+ 26–16TOR	6–25TOR+ 30–20TOR	10–20TOR+ 14–16TOR	6–20TOR+ 8–16TOR	6–20TOR+ 8–16TOR	16–16TOR	20–16TOR	12–25TOR+ 14–20TOR	——
FOUNDATION TO 1ST FLOOR	6–25TOR+ 12–20TOR	10–25TOR+ 8–20TOR	10–32TOR+ 14–25TOR	14–20TOR+ 18–16TOR	10–25TOR+ 26–20TOR	24–20TOR	14–20TOR	14–20TOR	16–16TOR	20–16TOR	20–25TOR+ 6–20TOR	8–20TOR (FOUND. TO GR. FLOOR)
COL SIZE	300X900	300X900	300X1200	300X1775	300X2000	300X1275	600X300	300X625	300X750	300X1000	300X750/690	250X500
LINK	10 TOR @ 100 C/C AT SUPPORT UP TO 1000 & REST PORTION 10TOR@150C/C											
COL MARKED	1C1,1C2,1C3,1C4,1C5 1C6,1C11,1C12,1C17 1C23,1C24,1C25,1C26 1C27,1C28,1C29,1C30 1C32,1C40,1C41,1C42 1C43,1C44,1C45,1C49 1C50,1C51,1C52,1C53 1C54	1C21,1C22	1C7,1C8,1C9 1C10,1C16,1C19 1C33,1C37,1C38 1C46 1C14,1C18 1C47(300x1100)	1C15	1C13	1C20,1C31	1C34	1C35	1C36	1C48	1C39	BSC1,BSC2,BSC3 BSC4,BSC5,BSC6 BSC7,BSC8,BSC9 BSC10,BSC11 BSC12,BSC13 BSC14,BSC15 BSC16,BSC17 BSC18,BSC19

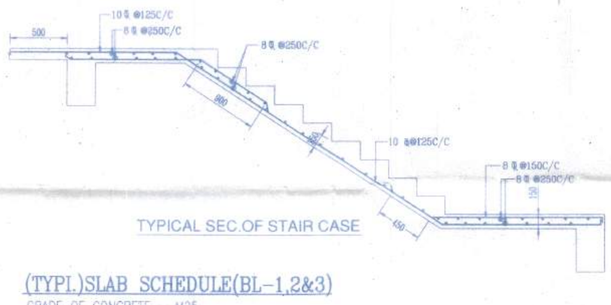
COLUMN SCHEDULE(BLOCK-3)

GRADE OF CONCRETE - (M45 UPTO 4TH FL. M40 UPTO 10TH FL. & M35 UPTO ROOF)

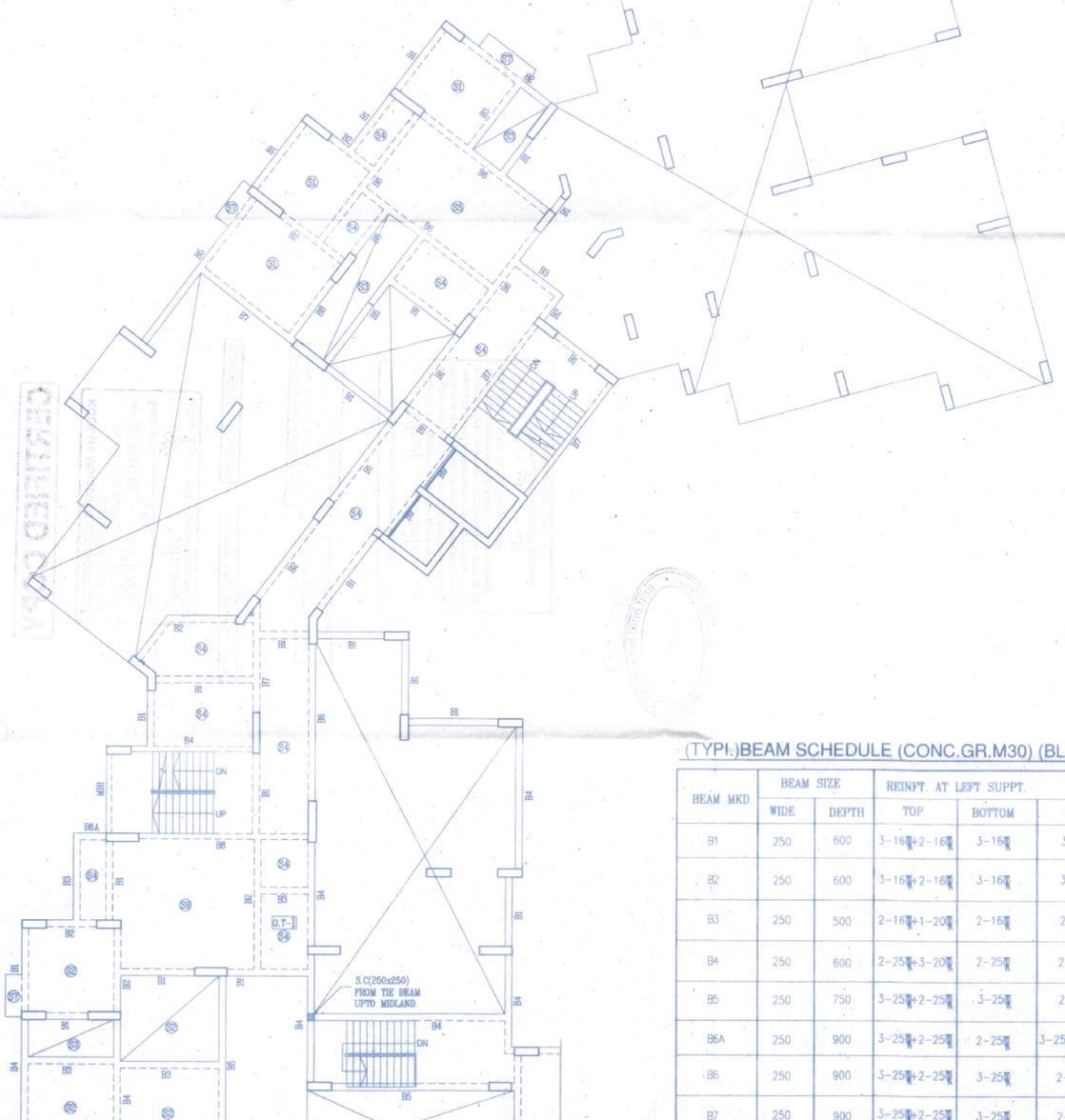
13TH FLOOR TO ROOF	6–20TOR+ 12–16TOR	10–20TOR+ 14–16TOR	6–20TOR+ 24–16TOR	8–20TOR+ 8–16TOR	12–20TOR+ 8–16TOR	16–16TOR	20–16TOR	22–16TOR	6–20TOR+ 16–16TOR	14–20TOR+ 6–16TOR	20–20TOR	8–25TOR+ 12–20TOR	12–25TOR+ 8–20TOR	16–25TOR+ 4–20TOR	300X1075	3C22A
10TH FLOOR TO 13TH FL.	10–20TOR+ 8–16TOR	24–20TOR	14–20TOR+ 16–16TOR	12–20TOR+ 4–16TOR	16–20TOR+ 4–16TOR	16–16TOR	20–16TOR	22–16TOR	6–20TOR+ 16–16TOR	14–20TOR+ 8–16TOR	22–20TOR	8–25TOR+ 14–20TOR	14–25TOR+ 8–20TOR	300X995 & 300X450	3C42	
7TH FLOOR TO 10TH FL.	1.8–20TOR	6–25TOR+ 18–20TOR	30–20TOR	16–20TOR	20–20TOR	20–16TOR	28–16TOR	20–16TOR	6–20TOR+ 14–16TOR	14–20TOR+ 6–16TOR	20–20TOR	6–25TOR+ 14–20TOR	14–25TOR+ 8–20TOR	300X1012 & 300X75	3C43	
4TH FL TO 7TH FL.	4–25TOR+ 14–20TOR	10–25TOR+ 14–20TOR	6–25TOR+ 24–20TOR	8–25TOR+ 8–20TOR	12–25TOR+ 8–20TOR	8–25TOR+ 20–20TOR	4–20TOR+ 28–16TOR	14–25TOR+ 20–20TOR	14–25TOR+ 6–20TOR	12–25TOR+ 8–20TOR	22–25TOR+ 4–20TOR	6–25TOR+ 14–20TOR	12–25TOR+ 8–20TOR	300X900 & 300X500	3C25	
1ST FL TO 4TH FL.	8–25TOR+ 10–20TOR	20–25TOR+ 4–20TOR	14–25TOR+ 16–20TOR	8–25TOR+ 8–20TOR	12–25TOR+ 8–20TOR	16–25TOR+ 4–20TOR	4–20TOR+ 24–16TOR	22–25TOR+ 4–20TOR	12–25TOR+ 8–20TOR	12–25TOR+ 8–20TOR	22–25TOR+ 4–20TOR	14–25TOR+ 14–20TOR	14–25TOR+ 16–20TOR	300X1400	3C20	
FOUNDATION TO 1ST FLOOR	12–25TOR+ 6–20TOR	24–25TOR	22–25TOR+ 8–20TOR	12–25TOR+ 4–20TOR	16–25TOR+ 4–20TOR	16–25TOR+ 4–20TOR	8–25TOR+ 20–20TOR	8–25TOR+ 20–20TOR	8–25TOR+ 20–20TOR	8–25TOR+ 20–20TOR	8–25TOR+ 20–20TOR	8–25TOR+ 20–20TOR	8–25TOR+ 20–20TOR	6–16TOR FOUND.TO 2ND FL.	3004	3C38
COL SIZE	300X900	300X1200	300X1500	300X825	300X1075	300X1400	300X1600	300X1800	300X1600	300X1400	300X1200	300X1000	300X750/690	250X500		
LINK	10 TOR @ 100 C/C AT SUPPORT UP TO 1000 & REST PORTION 10TOR@150C/C															
COL MARKED	3C1,3C3,3C5,3C10 3C11,3C12,3C13,3C16 3C18,3C19,3C23,3C22 3C29,3C26,3C31,3C36 3C45,3C34,3C35,3C44 3C48,3C39,3C40,3C53 3C54,3C57,3C56,3C61 3C60,3C50,3C55,3C59 3C49,3C46	3C2,3C6,3C7,3C8,3C9, 3C30,3C32,3C52, 3C41,3C51 3C47,3C62,3C58	3C15,3C27, 3C17(250X1500)	3C4	3C24	3C63(300X800)										

SECOND FLOOR BEAM LAYOUT
BLOCK - 3

(TYPL.) 3RD TO 13TH FLOOR BEAM LAYOUT
BLOCK - 3



TYPICAL SEC.OF STAIR CASE



FIRST FLOOR BEAM LAYOUT
BLOCK - 3

(TYPI.)SLAB SCHEDULE(BL-1,2&3)

GRADE OF CONCRETE - M25

SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	115	8 ϕ @400C/C ST. 8 ϕ @400C/C CKD.	8 ϕ @400C/C ST. 8 ϕ @400C/C CKD.
S2	125	8 ϕ @300C/C ST. 8 ϕ @300C/C CKD.	8 ϕ @300C/C ST. 8 ϕ @300C/C CKD.
S3	115	8 ϕ @200C/C (TOP) 8 ϕ @200C/C (BOTT)	8 ϕ @200C/C (TOP) 8 ϕ @200C/C (BOTT)
S4	115	8 ϕ @150C/C (TOP) 8 ϕ @200C/C (BOTT)	8 ϕ @200C/C (TOP) 8 ϕ @200C/C (BOTT)
S5	125	8 ϕ @300C/C ST. 8 ϕ @300C/C CKD.	8 ϕ @400C/C ST. 8 ϕ @400C/C CKD.
S6	125	8 ϕ @250C/C ST. 8 ϕ @250C/C CKD.	8 ϕ @300C/C ST. 8 ϕ @300C/C CKD.
S7	150	10 ϕ @150C/C (TOP) 8 ϕ @200C/C (BOTT)	8 ϕ @200C/C (TOP) 8 ϕ @200C/C (BOTT)
S8	150	10 ϕ @300C/C ST. 10 ϕ @300C/C CKD.	8 ϕ @300C/C ST. 8 ϕ @300C/C CKD.
S9	150	8 ϕ @250C/C ST. 8 ϕ @250C/C CKD.	8 ϕ @300C/C ST. 8 ϕ @300C/C CKD.
S10	175	8 ϕ @200C/C ST. 8 ϕ @200C/C CKD.	8 ϕ @250C/C ST. 8 ϕ @250C/C CKD.

(TYPI.)BEAM SCHEDULE (CONC.GR.M30) (BLOCK-3)

BEAM MKD.	BEAM SIZE		REINFT. AT LEFT SUPPT.		REINFT. AT SPAN		REINFT. AT RIGHT SUPPT.		STIRRUPS	
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250	600	3–16ϕ+2–16ϕ	3–16ϕ	3–16ϕ	3–16ϕ+2–12ϕ	3–16ϕ+2–16ϕ	3–16ϕ	8 ϕ @100C/C	8 ϕ @200C/C
B2	250	600	3–16ϕ+2–16ϕ	3–16ϕ	3–16ϕ	3–16ϕ+2–16ϕ	3–16ϕ+2–16ϕ	3–16ϕ	8 ϕ @100C/C	8 ϕ @200C/C
B3	250	500	2–16ϕ+1–20ϕ	2–16ϕ	2–16ϕ	2–16ϕ+1–12ϕ	2–16ϕ+1–20ϕ	2–16ϕ	8 ϕ @200C/C	8 ϕ @200C/C
B4	250	600	2–25ϕ+3–20ϕ	2–25ϕ	2–25ϕ	2–25ϕ+1–16ϕ	2–25ϕ+3–20ϕ	2–25ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B5	250	750	3–25ϕ+2–25ϕ	3–25ϕ	2–25ϕ	3–25ϕ+2–20ϕ	3–25ϕ+2–25ϕ	3–25ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B6A	250	900	3–25ϕ+2–25ϕ	2–25ϕ	3–25ϕ+2–25ϕ	2–25ϕ	3–25ϕ+2–25ϕ	2–25ϕ	10 ϕ @100C/C	10 ϕ @100C/C
B6	250	900	3–25ϕ+2–25ϕ	3–25ϕ	2–25ϕ	3–25ϕ	3–25ϕ+2–25ϕ	3–25ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B7	250	900	3–25ϕ+2–25ϕ	3–25ϕ	2–25ϕ	3–25ϕ	3–25ϕ+2–25ϕ	3–25ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B8	250	750	3–25ϕ+2–20ϕ	3–25ϕ	2–25ϕ	3–25ϕ	3–25ϕ+2–20ϕ	3–25ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B9	150	500	2–16ϕ+1–12ϕ	2–16ϕ	2–16ϕ	2–16ϕ	2–16ϕ+1–12ϕ	2–16ϕ	8 ϕ @100C/C	8 ϕ @200C/C
MB1	250	600	3–20ϕ+2–16ϕ	2–20ϕ	2–20ϕ	3–20ϕ+2–12ϕ	3–20ϕ+2–16ϕ	2–20ϕ	8 ϕ @100C/C	8 ϕ @200C/C

NOTES:–

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
3. ALL GRADE OF CONCRETE AS/SCHEDULE
4. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
5. FOR STEEL GRADE Fe 500 AS PER I.S 1786–1979.
6. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
7. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
8. 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

Madgul Developers (P) Ltd.
Mayfair Garden (P) Ltd.
Madgul Vyapaar (P) Ltd.
Happy Home Fiscal Service (P) Ltd
Skipper Merchandise (P) Ltd.
Bestview Vinimay (P) Ltd.
Bayview Vinicom (P) Ltd.
Blueview Merchants (P) Ltd.
Mahima Tie up (P) Ltd.
Zenstar Consultants (P) Ltd.
Manju Vyapaar (P) Ltd.
Instyle Distributors (P) Ltd.
Fairplan Vinimay (P) Ltd.
Exclusive Consultants (P) Ltd.
Tumbler Marketing (P) Ltd.
Suvarn Apartments (P) Ltd.
Shreeparna Suppliers (P) Ltd
Lansdowne Tokers (P) Ltd.
Shreeparna Traders (P) 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.

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.

SANJIB GUHA
BSC, BCE, FIE-(F -115564-5)
CHARTERED ENGINEERS
KMC, E.S.C. No. - 1/88

SIGN. OF STRUCTURAL ENGG.

CERTIFICATE OF ARCHITECT

I DO HERE BY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER K.M.C. BUILDING RULE – 2009 AS AMENDED FROM TIME TO TIME THAT THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILDABLE SITE NOT A TANK OR A FILLED UP TANK. THE SITE PLAN, LOCATION PLAN AGREES WITH THE SITE. THE PLOT IS DEMARCATED BY BOUNDARY WALLS & MEASUREMENTS TALLY WITH THE REGD. DEED PLAN.THE EXISTING STRUCTURE AS SHOWN FULLY OCCUPIED BY OWNERS AS PER OWNERS UNDERTAKING.

JAY PRAKASH BHARAT KUMAR AGRAWAL
B. Arch., A.I.I.A.
Reg. No. CA / 85 / 10098
ARCHITECT SL. NO. - 32(A)

SIGNATURE OF ARCHITECT

PROJECT
PROPOSED (B+G+XIII) STORIED RESIDENTIAL BUILDING AT PRE. NO. 24, DIAMOND HARBOUR ROAD, KOLKATA

TITLE
CORPORATION DRAWING(BL–3)

ARCHITECTS
AGRAWAL & AGRAWAL
BARODA KOLKATA

STRUCTURAL ENGINEERS
S.P.A.CONSULTANTS
34, RAM MOHAN DUTTA ROAD
KOLKATA – 700020 . PHONE – 4767614/4763733.
E–Mail: spa_cons@yahoo.co.in FAX– 475–2484

DRAWN BY– A.S	CHECKED BY S.P	JOB NO. 2016/05/AKA/34/ 24,D.H. ROAD(JOKA)
DATE– 02.08.16	SCALE : 1:100,25	DRG. NO. CS– 04