THE KOLKATA MUNICIPAL CORPORATION
BUILDING PERMIT
Premises No. 24/2 Sr. No. 1/A
Date 26 Dec Borough No. VII
Executive Engineer/Asst. Engineer
Bor No. VII Bor. No. VII
BUILDING DEPARTMENT
Dy. Ch. Engr. (N)
Bldg. Deptt.
Br-VII

SITE PLAN
SCALE=1:600

ROAD WIDTH CHART

MKD	RECORDED ROAD WIDTH	PHYSICALLY ROAD WIDTH
A-A'	29'-0"	31'-3"
B-B'	31'-6"	32'-4"
C-C'	33'-6"	34'-0"
D-D'	33'-0"	31'-9"
E-E'	25'-0"	31'-0"
F-F'	33'-0"	30'-4"
G-G'	36'-0"	31'-11"
H-H'	36'-0"	36'-0"
I-I'	34'-0"	40'-2"
J-J'	33'-0"	41'-2"
K-K'	31'-0"	37'-2½"
L-L'	35'-0"	30'-0"
M-M'	10'-0"	14'-5"
N-N'	11'-0"	14'-2"
N-N''	11'-0"	12'-6"
O-O	15'-0"	12'-3"

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

ASSTT. ENGINEER (CIVIL)
BUILDING DEPTT. (BR-VII)
K.M.C.

GROUND FLOOR PLAN
SCALE=1:250

PLAN
UNDER GROUND RESERVOIR WITH PUMP ROOM
SCALE=1:100

SECTION - XX

SECTION Y-Y

DETAIL OF S.T.P.
USERS 2200
SCALE 1:100

TREATED WATER SUMP

LOCATION PLAN
SCALE=1:4000

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZ
D'	-	2100	1800X2100	W1	900	2100	1800X1
D	-	2100	1500X2100	W2	900	2100	1500X1
D1	-	2100	1200X2100	W3	900	2100	1000X1
D2	-	2100	900X2100	W4	900	2100	900X1
D3	-	2100	825X2100	WK	1050	2100	900X1
D4	-	2100	750X2100	WK1	1050	2100	750X1
DW	-	2100	1800X2100	WS	900	2100	1200X1
				WS1	900	2100	900X1
				V1	1200	2100	600X
				V2	1200	2100	300X
				V3	1200	2100	400X
				WD1	900	2100	1500X
				WD2	900	2100	2525X1
				WD3	900	2100	2475X1
				WD4	900	2100	3000X1

GENERAL NOTES
1.ALL DIMENSIONS ARE IN MM.
2.ALL EXTERNAL WALLS 200 THK. & INTERNAL WALLS 75 THK. UNLESS OTHERWISE MENTIONED.
3.ALL MASONRY WORKS ARE BOUNDED BY CEMENT MORTAR (1:6) & (1:4)
4.EXTERNAL PLASTER IS 25 THK. & INTERNAL PLASTER IS 12MM. THK. WITH 1:4 MORATAR.
5.ALL CONC. GRADE IS M20 (1:1.5:3).

ASPS DEVELOPERS LLP
CONSTITUTED ATTORNEY

SIGNATURE OF OWNER

CERTIFICATE OF GEO-TECHNICAL ENGINEER
IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLE FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE [illegible] NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

For C. E. Testing Company Pvt. Ltd.
Geotechnical Consultant
Dr. M. Nayek, M.Tech.
(Civil), Ph. D. (Calcutta)

SIGNATURE OF GEO-TECHNICAL ENGINEER

CERTIFICATE OF STRUCTURAL ENGINEER
CERTIFIED THAT, "THE STRUCTURAL DESIGN & DRAWING 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 & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS".

PANKIT AGARWALA
B.E.(CIVIL), M.E (STR.)
G. ENG, M.I.STRUCT. E. (LONDON)
Membership No.- 078392965
KMC EMPANELLED STRUCTURAL ENGINEER, CLASS-1, E.S.E 1/17

UTPAL SANTRA
B.C.E., M.C.E.(STRUCT.)
M.I.E.-M/122218/4
KMC Empanelled Structural Engineer Class-I, E. & E. No. 1/58

SIGNATURE OF ST. ENG. | SIGNATURE OF ST. REVIEWER

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

TITLE
GROUND FLOOR PLAN, SITE PLAN, LOCATION PLAN, DETAIL OF UNDER GROUND RESERVOIR WITH PUMP ROOM, DETAIL OF S.T.P.

PROJECT
PROPOSED PLAN OF G+XXIV (86.4 M. HT.) STORIED RESIDENTIAL BUILDING AT PRE NO. 45, CHRISTOPHER ROAD, WARD NO.=58, BOROUGH=VII, P.S. TANGRA, KOLKATA-700046.

DATE	DRG.NO	DEALT	CHECKED	SHEET NO
17.03.16	ARCH/2015/561	SMRITI	NIRMAL	01 OF 13

SCALE 1:100,250, 600,4000

ARCHITECT
RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET, CALCUTTA - 16

(A)
1.ASSESSEE NO. - 110580300595
2.DETAIL OF REGISTERED DEED - BOOK NO. -I, VOL NO.-27, PAGES-1270 TO 1627 BLNG NO.-10823 TO 10828, YEAR-2014
3.a) AREA OF PLOT (12B, 19K-6CH-22SFT) = 17351.54 SQM.
3.b)NO OF STOREY =G+XXIV
(B)
1.GROUND COVERAGE (34.13%) =5654.262 SQM.
2.F.A.R. CONSUMED =2.497
3.TOTAL COVERED AREA =58578.387 SQM.
4.GU FLOOR SERVICE AREA =581.6 SQ.M.
5.TOTAL CAR PARKING AREA = 14951.53 SQM.
6.NO. OF CAR PARKING SPACE= 570 NOS. (GROUND COVERED=200, 1ST FLOOR=128 NOS., 2ND FL.=137, GR. OPEN=105 NOS.)

PROPOSED GREEN SPACE AREA (20.73%) =3435.2 SQM.

AREA CALCULATION

AREA OF PLOT (12B 19K-6CH-22SFT) =186772 SFT.	= 17351.54 SQM
LAND AREA EFFECTED BY ALIGNMENT	= 785.11 SQM
AREA OF PLOT AFTER ALIGNMENT	= 16566.43 SQM
ADDITIONAL GIFT AS PER M.B.C. RESOLUTION	= 166.21 SQM.
AVAILABLE ROAD WIDTH AFTER ALIGNMENT	= 16.95 (AV.)
PROPOSED BUILDING	= G+24 FLS.
PER. GR. COV (45%)	= 7454.552 SQM
PER. F.A.R.	= 2.5
PER. BUILT-UP AREA (16566.43*2.5)	=41416.075 SQM.
PRO. GR. COV (34.13%)	=5654.262 SQM.
PRO. GR. FLOOR AREA	=5654.262 SQM.
PRO. BASEMENT FLOOR AREA FOR FIRE PUMP ROOM	=72.25 SQM.
PRO. 1ST FLOOR AREA	=5188.031 SQM.
PRO. 2ND FLOOR AREA	=5237.643 SQM.
PRO. 3RD FLOOR AREA (906.159+880.314+67.245)	=1853.718 SQM.
PRO. TYPICAL FLOOR AREA (4TH TO 24TH) (994.314*837.709)	=19332.023 SQM.
PRO. TOTAL FLOOR AREA (5654.262+72.25+5188.031+5237.643+1853.718+19332.023*21 FLS.)	=58578.387 SQM.
DEDUCTION	
STAIR AREA (15.75*2*2*25 FLS.)	=1575.0 SQM.
STAIR AREA (AMENITIES)(15.75*4 FLS.)	= 63.0 SQM.
LIFT LOBBY AREA (3.0*4*2*25 FLS.)	=600.0 SQM.
LIFT LOBBY AREA (COMMUNITY HALL) (3.0*4 FLS.)	= 12.0 SQM.
TOTAL EXEMPTED AREA (1575.0+63.0+600.0+12.0)	= 2250.0 SQM.
PRO. TOTAL FLOOR AREA AFTER DEDUCTION (58578.387-2250.0)	=56328.387 SQM.
CAR PARKING AREA AT GROUND FLOOR (200 CARS)	=5000.0 SQM.
CAR PARKING AREA AT 1ST FLOOR	=4950.96 SQM.
CAR PARKING AREA AT 2ND FLOOR	=5000.57 SQM.
PRO. TOTAL FLOOR FOR FAR 56328.387-(5000.0+4950.96+5000.57)	=41376.857 SQM.
PRO. FAR (41376.857/16566.43)	=2.497
CAR PARKING CALCULATION	
NO OF RESIDENTIAL FLAT ABOVE 75 SQM.-<100SQM. (2 NOS.321 FLS.)	= 42 NOS.
NO OF CAR PARKING REQD.	= 21 NOS.
NO OF RESIDENTIAL FLAT ABOVE 100 SQM.-<200SQM. (14 NOS.321 FLS.)	=294 NOS.
NO OF CAR PARKING REQD.	=294 NOS.
AMENITIES BUILT-UP AREA AT 3RD FLOOR	=1853.718 SQM.
AMENITIES CARPET AREA AT 3RD FLOOR	=1210.53 SQM.
NO OF CAR PARKING REQD. (1 CAR @ 35 SQM)	=34 NOS.
TOTAL NO OF CAR PARKING REQD. (21+294+34)	=349 NOS.
NO OF CAR PARKING PROVIDED (GROUND COVERED=200, 1ST FLOOR=128 NOS., 2ND FL.=137, GR. OPEN=105 NOS.)	=570 NOS.