

PLAN CASE NO : 2023070226

V 2/1/B, BRIGHT STREET

V 2/1/A, BRIGHT STREET

PLAN FOR PROPOSED G + XXXIV STORED RESIDENTIAL PRE CERTIFIED GOLD GREEN BUILDING OF HEIGHT 141.200 M. AT PREMISES NO. 2 BRIGHT STREET, KOLKATA - 700019, WARD NO.- 65, BOROUGH - VII, P.S.- KARAYA , US - 393A OF K.M.C. ACT 1980 & COMPLYING THE NEW AMENDMENT OF BUILDING RULE 2009.

AREA STATEMENT

1	LAND AREA AS PER DEED = 38.94 x 101.341 SQ.M	LAND AREA AS PER BOUNDARY DEC.	5090.78 SQ.M
2	PERMISSIBLE GROUND COVERAGE	45.00%	2292.442 SQ.M
3	FORSIBLE F.A.R. 1000 SQ.FOOT/AC FOR GREEN BUILDING @ 0.701	3.000	
4	PROPOSED GROUND COVERAGE =	31.162%	1587.381

AREA STATEMENT

FLOOR	TOTAL AREA	STAR WELL AREA	EXEMPTED AREA	NET COVER AREA
GROUND	1587.381	7.535	33.750	1551.096
FIRST	1587.381	30.448	33.750	1523.183
2ND & 3RD	1587.381	30.448	33.750	1523.183
4TH FL.	1587.381	30.448	33.750	1523.183
5TH FL.	1587.381	30.448	33.750	1523.183
6TH FL.	1587.381	30.448	33.750	1523.183
7TH FL.	1587.381	30.448	33.750	1523.183
8TH FL.	1587.381	30.448	33.750	1523.183
9TH FL.	1587.381	30.448	33.750	1523.183
10TH FL.	1587.381	30.448	33.750	1523.183
11TH FL.	1587.381	30.448	33.750	1523.183
12TH FL.	1587.381	30.448	33.750	1523.183
13TH FL.	1587.381	30.448	33.750	1523.183
14TH FL.	1587.381	30.448	33.750	1523.183
15TH FL.	1587.381	30.448	33.750	1523.183
16TH FL.	1587.381	30.448	33.750	1523.183
17TH FL.	1587.381	30.448	33.750	1523.183
18TH FL.	1587.381	30.448	33.750	1523.183
19TH FL.	1587.381	30.448	33.750	1523.183
20TH FL.	1587.381	30.448	33.750	1523.183
21TH FL.	1587.381	30.448	33.750	1523.183
22TH FL.	1587.381	30.448	33.750	1523.183
23TH FL.	1587.381	30.448	33.750	1523.183
24TH FL.	1587.381	30.448	33.750	1523.183
25TH FL.	1587.381	30.448	33.750	1523.183
26TH FL.	1587.381	30.448	33.750	1523.183
27TH FL.	1587.381	30.448	33.750	1523.183
28TH FL.	1587.381	30.448	33.750	1523.183
29TH FL.	1587.381	30.448	33.750	1523.183
30TH FL.	1587.381	30.448	33.750	1523.183
31TH FL.	1587.381	30.448	33.750	1523.183
32TH FL.	1587.381	30.448	33.750	1523.183
33TH FL.	1587.381	30.448	33.750	1523.183
34TH FL.	1587.381	30.448	33.750	1523.183
35TH FL.	1587.381	30.448	33.750	1523.183
36TH FL.	1587.381	30.448	33.750	1523.183
37TH FL.	1587.381	30.448	33.750	1523.183
38TH FL.	1587.381	30.448	33.750	1523.183
39TH FL.	1587.381	30.448	33.750	1523.183
40TH FL.	1587.381	30.448	33.750	1523.183
41TH FL.	1587.381	30.448	33.750	1523.183
42TH FL.	1587.381	30.448	33.750	1523.183
43TH FL.	1587.381	30.448	33.750	1523.183
44TH FL.	1587.381	30.448	33.750	1523.183
45TH FL.	1587.381	30.448	33.750	1523.183
46TH FL.	1587.381	30.448	33.750	1523.183
47TH FL.	1587.381	30.448	33.750	1523.183
48TH FL.	1587.381	30.448	33.750	1523.183
49TH FL.	1587.381	30.448	33.750	1523.183
50TH FL.	1587.381	30.448	33.750	1523.183
51TH FL.	1587.381	30.448	33.750	1523.183
52TH FL.	1587.381	30.448	33.750	1523.183
53TH FL.	1587.381	30.448	33.750	1523.183
54TH FL.	1587.381	30.448	33.750	1523.183
55TH FL.	1587.381	30.448	33.750	1523.183
56TH FL.	1587.381	30.448	33.750	1523.183
57TH FL.	1587.381	30.448	33.750	1523.183
58TH FL.	1587.381	30.448	33.750	1523.183
59TH FL.	1587.381	30.448	33.750	1523.183
60TH FL.	1587.381	30.448	33.750	1523.183
61TH FL.	1587.381	30.448	33.750	1523.183
62TH FL.	1587.381	30.448	33.750	1523.183
63TH FL.	1587.381	30.448	33.750	1523.183
64TH FL.	1587.381	30.448	33.750	1523.183
65TH FL.	1587.381	30.448	33.750	1523.183
66TH FL.	1587.381	30.448	33.750	1523.183
67TH FL.	1587.381	30.448	33.750	1523.183
68TH FL.	1587.381	30.448	33.750	1523.183
69TH FL.	1587.381	30.448	33.750	1523.183
70TH FL.	1587.381	30.448	33.750	1523.183
71TH FL.	1587.381	30.448	33.750	1523.183
72TH FL.	1587.381	30.448	33.750	1523.183
73TH FL.	1587.381	30.448	33.750	1523.183
74TH FL.	1587.381	30.448	33.750	1523.183
75TH FL.	1587.381	30.448	33.750	1523.183
76TH FL.	1587.381	30.448	33.750	1523.183
77TH FL.	1587.381	30.448	33.750	1523.183
78TH FL.	1587.381	30.448	33.750	1523.183
79TH FL.	1587.381	30.448	33.750	1523.183
80TH FL.	1587.381	30.448	33.750	1523.183
81TH FL.	1587.381	30.448	33.750	1523.183
82TH FL.	1587.381	30.448	33.750	1523.183
83TH FL.	1587.381	30.448	33.750	1523.183
84TH FL.	1587.381	30.448	33.750	1523.183
85TH FL.	1587.381	30.448	33.750	1523.183
86TH FL.	1587.381	30.448	33.750	1523.183
87TH FL.	1587.381	30.448	33.750	1523.183
88TH FL.	1587.381	30.448	33.750	1523.183
89TH FL.	1587.381	30.448	33.750	1523.183
90TH FL.	1587.381	30.448	33.750	1523.183
91TH FL.	1587.381	30.448	33.750	1523.183
92TH FL.	1587.381	30.448	33.750	1523.183
93TH FL.	1587.381	30.448	33.750	1523.183
94TH FL.	1587.381	30.448	33.750	1523.183
95TH FL.	1587.381	30.448	33.750	1523.183
96TH FL.	1587.381	30.448	33.750	1523.183
97TH FL.	1587.381	30.448	33.750	1523.183
98TH FL.	1587.381	30.448	33.750	1523.183
99TH FL.	1587.381	30.448	33.750	1523.183
100TH FL.	1587.381	30.448	33.750	1523.183

- DETAILS OF TREE
- | | |
|----------------------|--------|
| TREES TO BE RETAINED | 23 NOS |
| TREES TO BE CUT | 12 NOS |
| TREES TO BE PLANTED | 40 NOS |
- NOTES:
- ALL LEVELS ARE WRITTEN IN THIS DRG. CONSIDERING RAISED G.L. AS 10.0
 - RAISED G.L. IS +100 FROM ROAD CROWN LVL.
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
 - UNLESS OTHERWISE MENTIONED ALL EXTERNAL WALLS ARE 200 MM TH & ALL INTERNAL WALLS ARE 125 MM TH.
 - THE DEPTH OF RAIN TANK & SEMI UNDER GROUND WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF FOUNDATION OF NEAR BY COLUMN.
 - THE PLOT IS NOT A TANK OR FILLED UP TANK.
 - DEPTH OF RAIN TANK & SEMI UNDER GROUND WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF COLUMN FOUNDATION.
 - PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION OF THE BUILDING, RAIN TANK & SEMI UNDER GROUND WATER RESERVOIR AND DURING DEMOLITION OF THE EXISTING BUILDING & ADJOINING STRUCTURES.

OWNERS DECLARATION

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE ARCHITECT (E.S. & G.T.E.) DURING CONSTRUCTION I SHALL FOLLOW THE INSTRUCTIONS OF ARCHITECT (E.S. & G.T.E.) DURING CONSTRUCTION OF THE BUILDING AS PER B.S. & PLAN. K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING AND ADJOINING STRUCTURES. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL BE RESPONSIBLE FOR THE CONSTRUCTION OF WATER RESERVOIR WILL BE UNDER TAKEN UNDER THE GUIDANCE OF E.S. AND ARCHITECT BEFORE STARTING OF BUILDING FOUNDATION WORK. DURING INSPECTION PLOT WAS IDENTIFIED BY ME.

MAHENDRA JAIN
(Director of Anjov Builder Private Limited)
Controlled Attorney of
BAUMESH CHANDRA ROY
NAME OF SECRETARY / ARCHITECT

CERTIFICATE OF STRUCTURAL ENGINEER.

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN AND DRAWINGS 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.

WE DO HEREBY ALSO UNDERTAKE THAT DURING EXECUTION OF THE WORK ALL PRECAUTIONARY MEASURES WILL BE TAKEN BY US IN RESPECT OF SAFETY AND STABILITY OF THE ADJOINING STRUCTURE AND PROPERTIES.

SANJIV J PAREKH (ESE-1000) SAMUB GHM (ESR-8000)
NAME OF STRUCTURAL ENGINEER NAME OF STRUCTURAL ENGINEER
CERTIFICATE OF GEO-TECHNICAL ENGINEER.

UNDERSTANDING HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE AND STABLE IN ALL RESPECTS FROM GEO-TECHNICAL POINT OF VIEW.

JIBHNU PAL, G.T.E. - 11/32
NAME OF GEO-TECH ENGINEER

CERTIFICATE OF ARCHITECT

I DO HEREBY 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 CONFORMS WITH THE PLAN AND IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THE SITE PLAN KEY PLAN AGREES WITH THE SITE. THE PLOT IS DEMARCATED BY BOUNDARY WALLS & MEASUREMENTS TALLY WITH THE RECD. DEED PLAN. THE EXISTING STRUCTURE AS SHOWN FULLY OCCUPIED BY OWNERS AS PER OWNERS UNDERTAKING.

JAY PRAKASH BHARAT KUMAR AGRAWAL
REG. NO. CAB61008
NAME OF ARCHITECT

ARCHITECTS
AGRAWAL & AGRAWAL
BANGLORE KOLKATA

SHEET NO. SCALE DATE REALT CHECKED
CA-1 1:100 03.02.2024

BUILDING PERMIT NO. 202307017
DATE 12.02.2024
VALID UPTO 11.02.2029

DIGITAL SIGNATURE OF ASSISTANT ENGINEER (CONV.)
BUILDING DEPT., BOROUGH NO. VII - K.M.C.

DIGITAL SIGNATURE OF EXECUTIVE ENGINEER (CONV.)
BUILDING DEPT., BOROUGH NO. VII - K.M.C.

DEPTH OF THE UNDER GROUND WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF COLUMN FOUNDATION OF THE BUILDING.

TWO STORED

42, JHOWTALA ROAD

JHOWTALA ROAD

BRIGHT STREET

36.576 M. (120'-0") WIDE SYED AMIR ALI AVENUE

GROUND FLOOR PLAN SCALE 1 : 100

PROPOSED LOAD SHEET UNDER GRID SUPPLY

PROJECT: PREMISES NO. 2 BRIGHT STREET, WARD NO.- 65, BOROUGH-VII

Description	CONNECTE D LOAD IN KW	DIVERSITY	DEMAND LOAD IN KW	Phase
5 BHK FMI	58	0.5	29	30 (CT METER)
7 BHK DUPLEX- FMI	80	0.5	40	30 (CT METER)
TOTAL	138		69	

FOR FLAT:

Description	QUANTITY	Load in KW	Total Load in KW	Total No. of 3-Phase CT Meter
5 BHK FLAT	36	29.0	754	36
7 BHK DUPLEX FLAT	1	40.0	40	1
TOTAL	37		794	37

FOR COMMON AREA, AMENITIES AND UTILITY:

Description	APPLIED LOAD (kW)	METER TYPE	NOS OF 3-PHASE CT METER	REMARKS
Applied load for Common area, Lift, Ventilation and Elev. Lift pressurization and EV charging	120	30	1	ESSENTIAL METER
Applied load for FIRE-1 and Amenities	110	30	1	HYDRANT 1000V (DEAD LOAD)
Applied load for FIRE-2 and Utilities (PHE, STP etc.)	110	30	1	SPRINKLER 100V (DEAD LOAD)
Total	340			
MAXIMUM DEMAND LOAD	222		3	
TOTAL DEMAND LOAD IN KW	1066			
TOTAL MAXIMUM DEMAND LOAD IN KW	800			
Overall Diversity (%)				
Total Load in KVA (Considering Power Factor 0.85)	941			
Transformer Capacity in KVA (Considering 80% Transformer Loading)	1176			

TRANSFORMER SELECTION : 3 NOS. 400 KVA TRANSFORMER FOR THE ENTIRE PROJECT.

SOLAR DEMAND : CONSIDERING 1% OF THE ELECTRICAL LOAD AS SOLAR LOAD. ELECTRICAL LOAD = 800 KW FOR THE PROJECT.
SO, REQUIRED SOLAR POWER = 8 KW.
REQUIRED SPACE AT ROOF TOP FOR SOLAR POWER= 800 SQ. FT. APPROX. (CONSIDERED SPACE= 100 SQ FT FOR 1 KW SOLAR GENERATION).

ANNUAL ENERGY CONSUMPTION -
MAXIMUM DEMAND LOAD = 800 KW, LOAD FACTOR = 0.3 (CONSIDERED)
SO, ANNUAL POWER CONSUMPTION = 800x 360x564 KWH = 2102400 KWH

PROPOSED BY: M. SHRIHARAN, THE CURRENT GOLD GREEN BUILDING OF HEIGHT 141.200 M. AT PREMISES NO. 2 BRIGHT STREET, WARD NO. 65, BOROUGH-VII, P.S.- KARAYA, US - 393A OF K.M.C. ACT 1980.

SCALE CALCULATION & DEMAND CALCULATION

Sl. No.	DESCRIPTION	NO OF PHASES	APPLIED LOAD (KW)	DIVERSITY	DEMAND LOAD (KW)	PHASE	REMARKS
1	5 BHK FMI	3	58	0.5	29	30	CT METER
2	7 BHK DUPLEX FMI	3	80	0.5	40	30	CT METER
3	5 BHK FLAT	3	754	0.5	377	30	CT METER
4	7 BHK DUPLEX FLAT	3	40	0.5	20	30	CT METER
5	ESSENTIAL METER	3	120	0.5	60	30	CT METER
6	HYDRANT 1000V (DEAD LOAD)	3	110	0.5	55	30	CT METER
7	SPRINKLER 100V (DEAD LOAD)	3	110	0.5	55	30	CT METER
8	TOTAL		1380		690		
9	MAXIMUM DEMAND LOAD		222		3		
10	TOTAL DEMAND LOAD IN KW		1066				
11	TOTAL MAXIMUM DEMAND LOAD IN KW		800				
12	Overall Diversity (%)						
13	Total Load in KVA (Considering Power Factor 0.85)		941				
14	Transformer Capacity in KVA (Considering 80% Transformer Loading)		1176				

REMARKS:

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
2. UNLESS OTHERWISE MENTIONED ALL EXTERNAL WALLS ARE 200 MM TH & ALL INTERNAL WALLS ARE 125 MM TH.
3. THE DEPTH OF RAIN TANK & SEMI UNDER GROUND WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF FOUNDATION OF NEAR BY COLUMN.
4. THE PLOT IS NOT A TANK OR FILLED UP TANK.
5. DEPTH OF RAIN TANK & SEMI UNDER GROUND WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF COLUMN FOUNDATION.
6. PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION OF THE BUILDING, RAIN TANK & SEMI UNDER GROUND WATER RESERVOIR AND DURING DEMOLITION OF THE EXISTING BUILDING & ADJOINING STRUCTURES.