

ARCHITECT'S CERTIFICATE :

I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING ROAD, CONFORM WITH THE PLAN & WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK. THE LAND IS DEMARCATED BY BOUNDARY WALL. THE CONSTRUCTION OF U/G WATER TANK AND SEWAGE TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

Somali Gidde

SIGNATURE OF THE ARCHITECT :

SOMALI GIDDE, REGN. NO. CA/92/1443.

STRUCTURAL CERTIFICATE :

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING HAS BEEN DONE BY DR. R.B. SAHU, (BCE, MCE, PH.D.) U.S. MGS OF M/S CALCUTTA TEST CENTRE OF (AADI) K.C. SINGH BAGAN ROAD, KOL-700034. THE RECOMMENDATIONS OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

Bhaskar Roy

BHASKAR ROY
E.S.E.-11/93

SIGNATURE OF STRUCTURAL ENGINEER :

OWNERS DECLARATION :

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING HAS BEEN DONE BY DR. R.B. SAHU, (BCE, MCE, PH.D.) U.S. MGS OF M/S CALCUTTA TEST CENTRE OF (AADI) K.C. SINGH BAGAN ROAD, KOL-700034. THE RECOMMENDATIONS OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

For R.B.M. PROJECTS PVT. LTD.

Director

SIGNATURE OF OWNER :

SPACE FOR OFFICE SEAL :

PROJECT :

PROPOSED TWO STOREYED [BLOCK - III] RESIDENTIAL BUILDING AT PRE. NO. 15, DR. N. G. SAHA ROAD, WARD NO. 128, BOROUGH - XIV, P.S. - BEHALA, KOLKATA - 700061, UNDER K.M.C.

SGA CONSULTANCY SERVICES

architects * engineers * planners

"GUNJAN", 1ST FLOOR, P-17 MITRA COLONY, JAMES LONG SARANI, CALCUTTA-700034.
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SCHEDULE OF TIE BEAM					
BEAM NO.	BEAM SIZE (mm)	AT SUPPORT	AT SPAN	STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM
TB1	230 X 400	2-16T	2-16T	2-16T	8T/2U @170 C/C
TB2	230 X 400	3-16T	3-16T	3-16T	8T/2U @170 C/C
TB3	230 X 400	4-16T	4-16T	4-16T	8T/2U @150 C/C

SCHEDULE OF ISOLATED FOOTING					
TYPE	COLUMNS (mm)	L (mm)	B (mm)	D1 (mm)	D2 (mm)
ASTI					
F1A	C13/C121	2900	2000	200	300
F1A	C13/C121	2900	2000	200	300
F2A	C14/C118/C120	2700	2700	200	250
F3A	C14/C118/C123	2400	2400	200	200
F4A	C127/C128	2100	2100	200	150
F5A	C127/C128	1750	1750	200	150
ASTI					
F1A	C13/C121	2900	2000	200	300
F1A	C13/C121	2900	2000	200	300
F2A	C14/C118/C120	2700	2700	200	250
F3A	C14/C118/C123	2400	2400	200	200
F4A	C127/C128	2100	2100	200	150
F5A	C127/C128	1750	1750	200	150

SCHEDULE OF BEAM					
BEAM NO.	BEAM SIZE (mm)	AT SUPPORT	AT SPAN	STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM
B1	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B2	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B3	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B4	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B5	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B6	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B7	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B8	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B9	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B10	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B11	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B12	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B13	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B14	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B15	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B16	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B17	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B18	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B19	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B20	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B21	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B22	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B23	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B24	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B25	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B26	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B27	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B28	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B29	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B30	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B31	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B32	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B33	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B34	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B35	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B36	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B37	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B38	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B39	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B40	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B41	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B42	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B43	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B44	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B45	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B46	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B47	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B48	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B49	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B50	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B51	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B52	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B53	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B54	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B55	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B56	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B57	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B58	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B59	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B60	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B61	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B62	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B63	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B64	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B65	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B66	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B67	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B68	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B69	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B70	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B71	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B72	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B73	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B74	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B75	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B76	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B77	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B78	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B79	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B80	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B81	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B82	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B83	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B84	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B85	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B86	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B87	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B88	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B89	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B90	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B91	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B92	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B93	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B94	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B95	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B96	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B97	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B98	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B99	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C
B100	230 X 350	2-16T	2-16T	2-16T	8T/2U @170 C/C

SCHEDULE OF COLUMN			
COLUMN MARKED	COLUMN SIZE in (mm)	MAIN LONG REINFORCEMENT	LATERAL TIES
C11/C121	230X400	10-16T	8T-4 @ 170 C/C
C12	230X400	10-16T	8T-4 @ 170 C/C
C13/C118/C120/C123	230X400	8-16T	8T-4 @ 170 C/C
C14/C117	350X400	6-16T	8T-2 @ 170 C/C
C11/C118/C120/C123	350X350	6-16T	8T-2 @ 170 C/C
C12/C128	230X350	4-16T+2-12T	8T-3 @ 170 C/C
C124	230X450	8-16T	8T-4 @ 170 C/C

BEAM G.A. AT TYPICAL FLOOR LEVEL

SCALE: 1:100

PLAN OF SINGLE FOOTING MKD F6

SCALE: 1:25

SECTION THRO-C-C

SCALE: 1:25

75 THK. P.C.C. (1:3:6) OVER 75 THK. F.B.S.

LONGER SECTION OF TB2 (250X400)

SCALE: 1:25

LONGER SECTION OF BB (250X350)

SCALE: 1:25

CROSS SECTION OF TB2

SCALE: 1:25

CROSS SECTION OF BB

SCALE: 1:25

SCHEDULE OF SLAB

SLAB MARKED	THICKNESS SLAB in (mm)	SLAB REINFORCEMENT
		SHORTER DIRECTION
S1A	150	10T @ 130 C/C TOP & BOTTOM
S2A	150	8T @ 130 C/C TOP & BOTTOM
S3A	100	8T @ 130 C/C TOP & BOTTOM
S4A	150	10T @ 130 C/C TOP & BOTTOM

FOUNDATION & TIE-BEAM LAYOUT PLAN

SCALE: 1:100

Chetana 2

PARTY'S COPY

THE GALLUTTA MUNICIPAL CORPORATION
CITY ARCHITECTS DEPARTMENT
Sanction of validity of Building Sanctioned
Plan No. 19/1784/1993/14 upto 18/03/2024
File order No. 19/1784/1993/14 as per
provision under Section 800 of the M.C.A.
Act 1980
11/2/2024
Asst. Engineer (C) Executive Engineer (C)

RESIDENTIAL BUILDING

DEVIATION WOULD MEAN DEMOLITION

Necessary steps should be taken for the safety of the lives of the adjoining public and private properties during construction.

THE SANCTION IS VALID UP TO 19/03/2024

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 20/140222/19 Date 19/03/2024 for record of the Kottayam Municipal Corporation without Verification No. deviation from the submitted structural plan should be made at the time of erecting and submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safeguard the adjoining premises public and private properties and safety of houses like during construction.

EXECUTIVE ENGINEER ASSISTANT ENGINEER
19/1784/1993/14

695 (9/11) 2-13

