



**AREA CALCULATION**

TOTAL LAND AREA (77.16 DEC.)	=3126.59 SQM.
LAND AREA (AS PER PHYSICAL)	=3126.59 SQM.
AVAILABLE ROAD WIDTH	=8.4 MT.
PROPOSED BUILDING HT. (G+IX)	=2.25
F.F.R. F.A.R. (3126.59*2.25)	=7034.83 SQM.
PER. BUILT UP AREA (50%)	=1563.95 SQM.
PRO. GROUND COVERAGE (18.01%)	=562.26 SQM.
PROPOSED 1ST FLOOR AREA	=518.78 SQM.
PROPOSED 1ST FLOOR AREA EXCLUDING	=488.50 SQM.
PROPOSED TYP. FLOOR AREA	=498.50 SQM.
PROPOSED TOTAL BUILT UP AREA	=4988.26 SQM.
518.78+496.50+9.98 FLS.	=425.0 SQM.
PROPOSED ADDITIONAL STAIR AREA	=91.85 SQM.
PROPOSED ADDITIONAL WARDROBE AREA	=91.85 SQM.
EXCLUDED	
SEWAGE AREA	=29.98 SQM.
LIFT LOBBY AREA (3.0*11.0 FLS.)	=33.0 SQM.
CAR PARKING AREA	=370.12 SQM.
PROPOSED BUILT UP AREA FOR FAR	=4468.16 SQM.
4988.26 - (29.98+120.0+370.12)	=4468.16
PROPOSED F.A.R. (4468.16/3126.59)	=1.429

**CAR PARKING CALCULATION**

ASSEMBLY	=71.33 NOS.
BUILT UP AREA AT 1ST FLOOR	=64.50 SQM.
CARPET AREA	= 2 NOS.
NO OF CAR PARKING REQD.	= 2 NOS.

**RESIDENTIAL**

FLAT AREA BETWEEN 75 TO 100 SQM.	=27 NOS.
NO OF CAR PARKING REQD.	=14 NOS.
FLAT AREA BETWEEN 50 TO 75 SQM.	=26 NOS.
NO OF CAR PARKING REQD.	= 5 NOS.

**TOTAL NO OF CAR PARKING REQD. (2+14+5)** = 21 NOS.  
NO OF CAR PARKING PROVIDED = 54 NOS.  
(GR. COVERED=19 NOS., OPEN=35 NOS.)

**REQUIRED GREEN AREA (4.1%)** = 131.00 SQM.  
**PROPOSED GREEN AREA (4.4%)** = 137.72 SQM.

**SPECIFICATION OF BUILDING**

TYPE	SBLL	LINTEL	SIZE	TYPE	SBLL	LINTEL	SIZE
B	-	2100	1500X2100	V1	300	2100	1500X1200
B1	-	2100	1100X2100	V2	450	2100	1500X1650
B2	-	2100	900X2100	V3	450	2100	900X1650
B3	-	2100	1820X2100	V4	450	2100	900X1650
B4	-	2100	1250X2100	V5	300	2100	2000X1200
B5	-	2100	1000X2100	V5	300	2100	1800X1200
F.C.D.	-	2100	1100X2100	V51	300	2100	1500X1200
				V1	1200	2100	500X900

- SPECIFICATION OF BUILDING**
- ALL DIMENSIONS ARE IN MM.
  - 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
  - 1250X1250 MM. THK. 1ST CLASS BRICK WORK WITH H.B. WIRE MESH NETTING.
  - LEAN CONG. 1:3:6 WITH 1% MIN. DOWN GRADED STONE (10-20).
  - R.C.C. WORK FOR ROOF, SLAB, LINTEL, BEAM, COLUMN (15).
  - CONCRETE SAND PLASTER 19 MM. THK. ON OUTSIDE & ROSE WALLS 13 TO 12 MM. & 6 MM. THK. ON INSIDE & R.C.C. WALLS.
  - 20 MM. THK. U.P.S. FLOORING WITH NEAT JOINT AT TOP INCL. SHORTING.
  - A BRICK FLAT SLAB IN FLOORING & FOUNDATION.
  - MILD STEEL I BEAMS FOR COLUINS, BEAMS, LINTELS & SABS INCLUDING DISTRIBUTORS & DIMERS.
  - HIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STOUT PROP. TO BE REPAID AS PER PRACTICE.
  - SANITARY & PLUMBING FITTING & FINISH COMPLETE AS PER SECTION.
  - ALL OUTSIDE WALLS 200 MM. THK. & ROSE WALL 125 & 75 MM. THK. AS STATED WITH H.B. WIRE NETTING IN EVERY 3RD LAYER.

**SIGNATURE OF OWNER**  
MR. SANJAY GUPTA  
64/75 BELGAHA ROAD, ULTADANGA, POST OFFICE - TALA PARK, POLICE STATION - TALA PARK, PIN - 700037.  
BEING CONSTITUTE ATTORNEY FOR THE WORK.

(1) TARAMA APARTMENT PVT. LTD.  
(2) SRIMARINCHI INFRASTRUCTURE PVT. LTD.  
(3) METRO MANARA PVT. LTD.  
(4) DALYARI MERCHANTS PVT. LTD.

**CERTIFICATE OF ARCHITECT**

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S./L.R. NO. - 1951(P), 1952(P), 1954(P), 1955(P), 1956(P), 1958 AT MOUZA - CHAKPACHURIA, J.L. NO.-33, R.S. NO.-205/1, P.S.-RAJARHAT NOW UNDER NEW TOWN, DISTRICT-NORTH 24 PARAGANAS, WERE PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVALENT NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVALENT NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

**RAJ KUMAR AGARWAL**  
ARCHITECT/NKDA/10/00106

**SIGNATURE OF ARCHITECT**  
RAJ KUMAR AGARWAL  
COUNCIL REGISTRATION NO. - CA/94/17940  
ENROLLMENT NO. - ACHR/NKDA/10/00106  
ADDRESS:  
RAJ AGARWAL & ASSOCIATES  
8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

**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 SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT LEAST 50 CM DEPTH FROM THE EXISTING LEVEL TO APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

**SANTOSH KUMAR CHAKRABORTY**  
ENROLLMENT NO. - GTR/NKDA/10/00006  
ADDRESS:  
65/1, HEDARAM BANERJEE LANE  
KOLKATA-700012

**CERTIFICATE OF STRUCTURAL ENGG.**

CERTIFIED THAT THE STRUCTURAL DRAWING & DESIGN OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING / BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SETTING LOADS AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA SO THAT FOUNDATION IS EXTENDED TO APPROPRIATE DEPTH AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

**SANJIV J. PAREKH**  
M.E., AM.I.E. (ENGG.), M.S.C.E.  
REGISTERED ENGINEER A.M.-263312 E.S.E.-10410) R.M.C.  
ENROLLMENT NO. - STER/NKDA/10/00030  
ADDRESS:  
S.P.A. CONSULTANTS  
63, JUSTICE CHANDRA MAHAB ROAD, KOLKATA-20

**SIGN. OF STRUCTURAL ENGINEER**  
SANJIV J. PAREKH  
M.E., AM.I.E. (ENGG.), M.S.C.E.  
REGISTERED ENGINEER A.M.-263312 E.S.E.-10410) R.M.C.  
ENROLLMENT NO. - STER/NKDA/10/00030  
ADDRESS:  
S.P.A. CONSULTANTS  
63, JUSTICE CHANDRA MAHAB ROAD, KOLKATA-20

**SIGN OF STRUCTURAL REVIEWER**  
SANJIB GUHA  
E.S.E. (89)  
ENROLLMENT NO. - STRV/NKDA/15/00003  
ADDRESS:  
54 RAMAKRISHN DUTTA ROAD,  
KOLKATA-20

**TITLE**  
GROUND FLOOR PLAN, SITE PLAN, LOCATION PLAN, DETAIL OF SEPTIC TANK & DETAIL OF UNDER GROUND WATER RESERVOIR.

**PROJECT**  
PROPOSED G+IX (31.1 M. HT.), STORIED RESIDENTIAL BUILDING AT R.S./L.R. DAG NO.-1951(P), 1952(P), 1954(P), 1955, 1956(P), 1958 AT MOUZA - CHAKPACHURIA, J.L. NO.-33, R.S. NO.-205/1/2, P.S.-RAJARHAT NOW UNDER NEW TOWN, DISTRICT-NORTH 24 PARAGANAS, BIDHAN NAGAR F.S. PIN- 700156.

**RAJ AGARWAL & ASSOCIATES**  
ARCHITECTS PLANNERS AND INTERIOR DESIGNERS  
8B, ROYD STREET (2ND FLOOR), KOLKATA-16