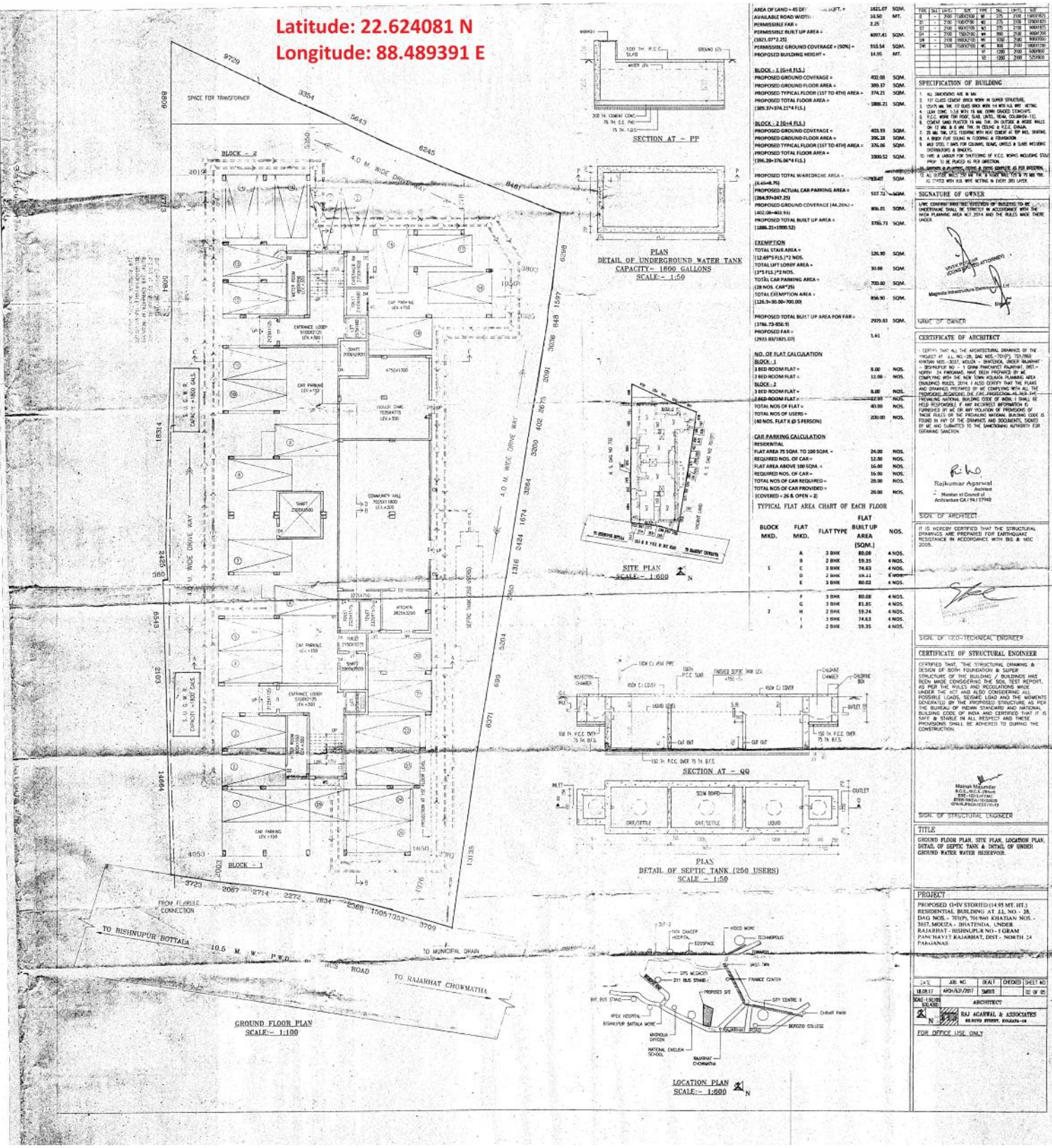
Latitude: 22.624081 N
Longitude: 88.489391 E



SECTION AT - PP

PLAN
DETAIL OF UNDERGROUND WATER TANK
CAPACITY- 1800 GALLONS
SCALE:- 1:50

SITE PLAN
SCALE:- 1:600

SECTION AT - QQ

PLAN
DETAIL OF SEPTIC TANK (250 USERS)
SCALE :- 1:50

LOCATION PLAN
SCALE:- 1:600

AREA OF LAND = 45 DEC	1821.07	SQM.
AVAILABLE ROAD WIDTH	10.50	MT.
PERMISSIBLE FAR =	2.25	
PERMISSIBLE BUILT UP AREA = (1821.07*2.25)	4097.41	SQM.
PERMISSIBLE GROUND COVERAGE = (50%) =	910.54	SQM.
PROPOSED BUILDING HEIGHT =	14.95	MT.
BLOCK - 1 (G+4 FLS.)		
PROPOSED GROUND COVERAGE =	402.08	SQM.
PROPOSED GROUND FLOOR AREA =	389.37	SQM.
PROPOSED TYPICAL FLOOR (1ST TO 4TH) AREA =	374.21	SQM.
PROPOSED TOTAL FLOOR AREA = (389.37+374.21*4 FLS.)	1885.21	SQM.
BLOCK - 2 (G+4 FLS.)		
PROPOSED GROUND COVERAGE =	403.93	SQM.
PROPOSED GROUND FLOOR AREA =	395.28	SQM.
PROPOSED TYPICAL FLOOR (1ST TO 4TH) AREA =	376.06	SQM.
PROPOSED TOTAL FLOOR AREA = (396.28+376.06*4 FLS.)	1900.52	SQM.
PROPOSED TOTAL WARDROBE AREA = (8.46+48.79)	57.25	SQM.
PROPOSED ACTUAL CAR PARKING AREA = (264.57+247.25)	511.72	SQM.
PROPOSED GROUND COVERAGE (44.26%) = (402.08+403.93)	806.01	SQM.
PROPOSED TOTAL BUILT UP AREA = (1886.21+1900.52)	3786.73	SQM.
EXEMPTION		
TOTAL STAIR AREA = (12.69*5 FLS.)*2 NOS.	126.90	SQM.
TOTAL LIFT LOBBY AREA = (3*5 FLS.)*2 NOS.	30.00	SQM.
TOTAL CAR PARKING AREA = (28 NOS. CAR*25)	700.00	SQM.
TOTAL EXEMPTION AREA = (126.9+30.00+700.00)	856.90	SQM.
PROPOSED TOTAL BUILT UP AREA FOR FAR = (3786.73-856.9)	2929.83	SQM.
PROPOSED FAR = (2923.88/1821.07)	1.61	

NO. OF FLAT CALCULATION		
BLOCK - 1		
1 BED ROOM FLAT =	8.00	NOS.
2 BED ROOM FLAT =	12.00	NOS.
BLOCK - 2		
1 BED ROOM FLAT =	8.00	NOS.
2 BED ROOM FLAT =	12.00	NOS.
TOTAL NOS OF FLAT =	40.00	NOS.
TOTAL NOS OF USERS = (40 NOS. FLAT X @ 5 PERSON)	200.00	NOS.

CAR PARKING CALCULATION		
RESIDENTIAL		
FLAT AREA 75 SQM. TO 100 SQM. =	24.00	NOS.
REQUIRED NOS. OF CAR =	12.00	NOS.
FLAT AREA ABOVE 100 SQM. =	16.00	NOS.
REQUIRED NOS. OF CAR =	16.00	NOS.
TOTAL NOS OF CAR REQUIRED =	28.00	NOS.
TOTAL NOS OF CAR PROVIDED = (COVERED = 26 & OPEN = 2)	28.00	NOS.

TYPICAL FLAT AREA CHART OF EACH FLOOR

BLOCK MKD.	FLAT MKD.	FLAT TYPE	FLAT BUILT UP AREA (SQM.)	NOS.
1	A	3 BHK	80.08	4 NOS.
	B	2 BHK	59.35	4 NOS.
	C	3 BHK	74.63	4 NOS.
	D	2 BHK	59.11	4 NOS.
	E	3 BHK	80.02	4 NOS.
2	F	3 BHK	80.08	4 NOS.
	G	3 BHK	81.85	4 NOS.
	H	2 BHK	59.24	4 NOS.
	I	3 BHK	74.63	4 NOS.
	J	2 BHK	59.35	4 NOS.

TYPE	SILL LEVEL	SIZE	TYPE	NO.	LINTEL LEVEL	SIZE
D	-	2100	SLIDING	58	2175	2100
D1	-	2100	SLIDING	92	2175	2100
D2	-	2100	SLIDING	92	2175	2100
D4	-	2100	SLIDING	184	2175	2100
D5	-	2100	SLIDING	92	2175	2100
DW	-	2100	SLIDING	92	2175	2100
				W	900	2100
				W1	1200	2100
				W2	1200	2100

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 115 CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 125/75 MM. THK. 115 CLASS BRICK WORK IN 1:4 WITH ALL WHT. MORTAR.
4. LEAN CONC. 1:3:6 WITH 15 MM. DOWN GRADED STONECHIPS.
5. R.C.C. WORK FOR FOOT. SLAB, LINTEL, BEAM, COLUMN (M-15).
6. CEMENT SAND PLASTER 15 MM. THK. ON OUTSIDE & INSIDE WALLS ON 12 MM. & 6 MM. THK. IN CEILING & R.C.C. CHAJJA.
7. 25 MM. THK. I.P.S. FLOORING WITH HEAT CEMENT AT TOP INCL. SKIRTING.
8. A DEEP PUMP SUMP IN FLOORING & FOUNDATION.
9. MILD STEEL 7 BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING STIRRUPS/RINGS & BINDERS.
10. HIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STAGE PROP TO BE PLACED AS PER DIRECTION.
11. ALL DOORS & WINDOWS, FRAME & FIXED COMPLETE AS PER DIRECTION.
12. ALL OUTER WALLS ON 250 MM. & 150MM. WALLS TO BE 300 MM. THK. AS STATED WITH ALL WHT. MORTAR IN EVERY 3RD LAYER.

SIGNATURE OF OWNER

I/WE CONFIRM THAT THE EXECUTION OF BUILDING TO BE UNDERTAKE SHALL BE STRICTLY IN ACCORDANCE WITH THE WEST BENGAL PLANNING AREA ACT, 2014 AND THE RULES MADE THERE UNDER.

SIGN. OF OWNER

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT ...ALL NO.-28, DAG NOS.-701(P), 701/860 KHATIAN NOS.-3037, MOUZA :- BHATENDA, UNDER RAJARHAT - BISHNUPUR NO - 1 GRAM PANCHAYET RAJARHAT, DIST :- NORTH 24 PARGANAS, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW SOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE TECHNICAL BUILDING BYE-LAWS,SPECIAL AS PER THE PREVAILING 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 PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

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

SIGN. OF ARCHITECT

IT IS HEREBY CERTIFIED THAT THE STRUCTURAL DRAWINGS ARE PREPARED FOR EARTHQUAKE RESISTANCE IN ACCORDANCE WITH BIS & NBC 2005.

SIGN. OF GEO-TECHNICAL ENGINEER

CERTIFICATE OF STRUCTURAL ENGINEER

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, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

Mainak Mukherjee
B.E.(Civil), M.I.E. (India)
M.I.E. (India)
M.I.E. (India)

SIGN. OF STRUCTURAL ENGINEER

TITLE

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

PROJECT

PROPOSED (HIV STORIED (14.95 MT. HT.) RESIDENTIAL BUILDING AT ALL NO. - 28, DAG NOS. - 701(P), 701/860 KHATIAN NOS. - 3037, MOUZA - BHATENDA, UNDER RAJARHAT - BISHNUPUR NO - 1 GRAM PANCHAYET RAJARHAT, DIST - NORTH 24 PARGANAS

DATE	JOB NO.	DRAWN	CHECKED	SHEET NO.
18.08.17	APH/639/2017	SM/RT		02 OF 05

SCALE :- 1:50,100 & 600,400

ARCHITECT

RAJ AGARWAL & ASSOCIATES
6B ROWD STREET, KOLKATA-16

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