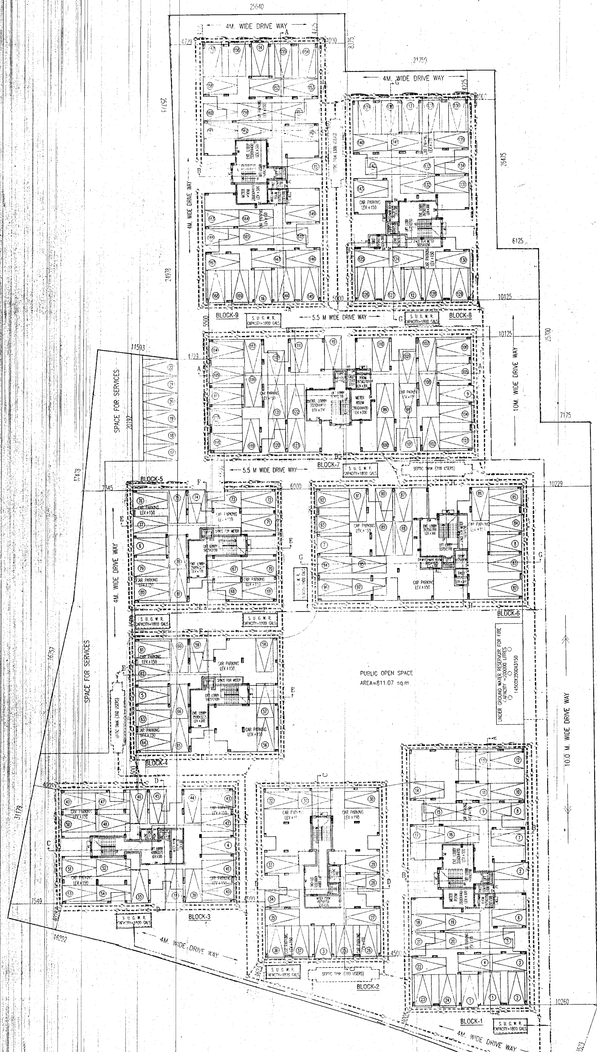
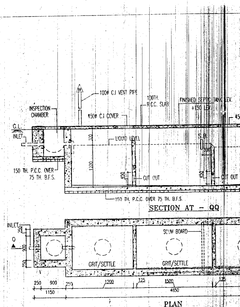
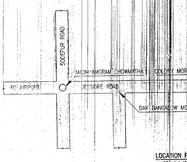


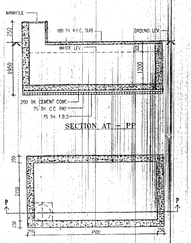


SECTION AT – QQ

PLAN
DETAIL OF SEPTIC TANK (300 USERS)
SCALE :- 1:50



LOCATION PLAN
SCALE:-1000



PLAN
DETAIL OF UNDERGROUND WATER TANK
CAPACITY:- 1890 GALLONS
SCALE:- 1:50

TYPE OF BUILDING	:- RESIDENTIAL
LAND AREA	:- 9959.16 SQM.
PROPOSED BUILDING HT.	:- 14.9 MT.
AVAILABLE ROAD WIDTH	:- 34.0 MT.
PERMISSIBLE FAR	:- 0.5
PERMISSIBLE GROUND COVERAGE (40%)	:- 4491.122 SQM.
PROPOSED GROUND COVERAGE (37.71%)	:- 3755.89 SQM.
PROPOSED 1ST +4TH FLOOR AREA (521.13*3+304.13*2+415.54*2)	:- 3721.21 SQM.
PROPOSED GROUND FLOOR AREA (523.01*3+304.13*2+415.54*2)	:- 3755.69 SQM.
ADDITIONAL HARDSHIP AREA (44.89*3+33.82*2+29.09*2+39.27)	:- 336.1 SQM.
PROPOSED TOTAL BUILT-UP AREA (3755.69+3721.21+336.1)	:- 18995.53 SQM.
PROPOSED F.A.R. (18995.04/9959.16)	:- 1.491

NO. OF FLAT CALCULATION

1 BED ROOM FLAT (24*38.4+12*48.1)	=1536 SQM.
2 BED ROOM FLAT (4*58.4+12*68.1)	=817.6 SQM.
3 BED ROOM FLAT (4*78.4+12*88.1)	=1370.8 SQM.
TOTAL EXEMPTION AREA (521.08+370.04+370.57)	=1260.69 SQM.
PRO. TOTAL USE FAR AREA FOR F.A.R. (18995.53-4084.69)	=14910.84 SQM.
PROPOSED F.A.R. (14910.84/9959.16)	=1.491

NO. OF FLAT CALCULATION

1 BED ROOM FLAT (24*38.4+12*48.1)	=1536 SQM.
2 BED ROOM FLAT (4*58.4+12*68.1)	=817.6 SQM.
3 BED ROOM FLAT (4*78.4+12*88.1)	=1370.8 SQM.
TOTAL EXEMPTION AREA (521.08+370.04+370.57)	=1260.69 SQM.
PRO. TOTAL USE FAR AREA FOR F.A.R. (18995.53-4084.69)	=14910.84 SQM.
PROPOSED F.A.R. (14910.84/9959.16)	=1.491

NO. OF FLAT CALCULATION

1 BED ROOM FLAT (24*38.4+12*48.1)	=16 NOS.
2 BED ROOM FLAT (4*58.4+12*68.1)	=80 NOS.
3 BED ROOM FLAT (4*78.4+12*88.1)	=128 NOS.
TOTAL NOS OF FLAT	=224 NOS.

NO. OF USERS

224 NOS. FLAT X 7.0 = PERSON=1120 NOS.

CAR PARKING CALCULATION

RESIDENTIAL	
FLAT AREA BELOW 50 SQM.	=16 NOS.
REQUIRED NOS. OF CAR	=16 NOS.
FLAT AREA 50 SQM TO 75 SQM.	=80 NOS.
REQUIRED NOS. OF CAR	=80 NOS.
FLAT AREA 75 SQM TO 100 SQM.	=128 NOS.
REQUIRED NOS. OF CAR	=64 NOS.
TOTAL NOS OF CAR REQUIRED (24+20+64)	=80 NOS.
TOTAL NOS OF CAR PROVIDED	=192 NOS.

COVERED=164 OPEN=28

TYPICAL AREA CHART OF EACH FLOOR

BLOCK NOS.	FLAT NOS.	FLAT TYPE	BUILT UP AREA (SQM)
1,7 & 9	A	3BHK	72.60
	B	2BHK	50.51
	C	2BHK	50.51
	C	3BHK	71.60
	C	3BHK	69.52
	F	2BHK	50.51
	G	1BHK	54.51
	H(GF)	3BHK	65.68
2 & 5	A	3BHK	64.63
	B	2BHK	35.18
	C	3BHK	69.52
	D	2BHK	69.05
	E	3BHK	35.14
	F	3BHK	64.63
	A	3BHK	71.60
3 & 4	B	2BHK	68.01
	C	2BHK	69.60
	D	2BHK	73.85
	A	2BHK	69.36
	B	2BHK	52.82
	C	2BHK	69.79
6 & 8	D	3BHK	73.85
	E	3BHK	57.82
	F	3BHK	73.48

SCHEDULE FOR DOORS & WINDOWS

SYM.	NOS.	TYPE	SIZE	
			W	H
D	224	PANELLED	900	2100
D1	224	PANELLED	800	2100
D2	224	PANELLED	750	2100
D3	224	PANELLED	700	2100
W	224	SLIDING	1500	1200
W1	224	SLIDING	1200	1200
V	224	FIXED	700	600

SPECIFICATION OF BUILDING

1. RCC FRAMED STRUCTURE WITH BRICK WORK IN CM(1:6) MORTAR.
2. 125MM THK RCC SLAB FOR ROOF WITH 1.5 MM THK WATER PROOFING TREATMENT.
3. 150MM THK BRICK WORK IN CM(1:6) MORTAR FOR EXTERNAL WALL.
4. 125MM THK BRICK WORK IN CM(1:6) MORTAR FOR INTERNAL WALL.
5. 20MM THK CM(1:4) FOR INTERNAL PLASTER.
6. 25MM THK CM(1:4) FOR EXTERNAL PLASTER.
7. 10MM THK CM(1:3) FOR FLOORING & SKIRTING.
8. RCC DOOR FRAME WITH PANELLED DOOR SHUTTER.
9. ALUMINIUM SLIDING WINDOW WITH GLASS SHUTTER.
10. GRILL WORK FOR WINDOWS.
11. 10MM THK CM(1:3) FOR INTERNAL PLASTER OF TOILET WALL.
12. 20MM THK CM(1:3) FOR DADO UPTO 2.1 M. FOR TOILET WALL.
13. GLAZED TILES FOR DADO UPTO 2.1 M. FOR TOILET WALL.

SIGNATURE OF OWNER

Mahadev Infrastructure Development Ltd

SIGNATURE OF OWNER

CERTIFICATE OF ARCHITECT

THE ARCHITECT AS DEFINED ON THE PLAN ITSELF WILL FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER WEST BENGAL ZONAL PANCHAYAT (ZONAL PANCHAYAT ADMINISTRATION) RULES 2014 AND SUBSEQUENT AMENDMENTS OF 2018 & 2019 AND ALSO IN COMPLIANCE WITH NATIONAL BUILDING CODE.

Rajkumar Agarwal
Member No.
Architect Registration No. A/1991/11760

SIGNATURE OF ARCHITECT

CERTIFICATE OF STRUCTURAL ENGINEER

I HEREBY THAT THE STRUCTURAL DESIGN & DRAWING OF RCC FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME ACCORDING ALL PROVISO LAWS INCLUDING THE SEISMIC ZONE AS PER THE NATIONAL BUILDING CODE OF INDIA (BUILDING) PART IV & V & I SHALL BE ALL RESPONSIBLE.

SAMAR MUKHERJEE
M.E.E., M.I.E. (INDIA)
CHARTERED ENGINEER
(F) 41/PWD/ENGG/PT-12

SIGN. OF STRUCTURAL ENGINEER

IT IS HEREBY CERTIFIED THAT THE STRUCTURAL DRAWINGS ARE PREPARED FOR EARTHQUAKE RESISTANCE IN ACCORDANCE WITH THE WEST BENGAL ZONAL PANCHAYAT (ZONAL PANCHAYAT ADMINISTRATION) RULES 2006 AND SUBSEQUENT AMENDMENTS OF 2008 & 2015 AND ALSO IN COMPLIANCE WITH NATIONAL BUILDING CODE.

DR. SANTOSH KUMAR CHAKRABORTY
B.E. (Civil Hons.)
M.E. (Structural Engineer)
(F) 41/PWD/ENGG/PT-13

SIGN. OF STRUCTURAL ENGINEER

TITLE

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

PROJECT

PROPOSED MULTI STORIED (1+9 MT. HTS.) RESIDENTIAL BUILDING AT J.L. NO. 141, L.R. KHATIAN NOS. 592, 593, 594, 595, 596, 597, MOUZA- BANDIPUR, J.L. NO. 140, P.S.- BARASAT, DIST.- NORTH 24 PARGANAS.

DATE	SCALE	SHEET NO.
03.04.18	AS SHOWN	01 OF 05

DRAWN BY : ARCHITECT

RAJ AGARWAL & ASSOCIATES
Architects Urban Designers

APPROVED BY :-

APPROVED

The structural analysis reports & load reports are kept for reference in the office. The clearance is attached with certificate of architect, Civil Engineer, Geo-Tech Engineer.

24 Parganas Zilla Parishad

FOR OFFICE USE ONLY

GROUND FLOOR PLAN
SCALE:- 1:200

SITE PLAN
SCALE:- 1:600