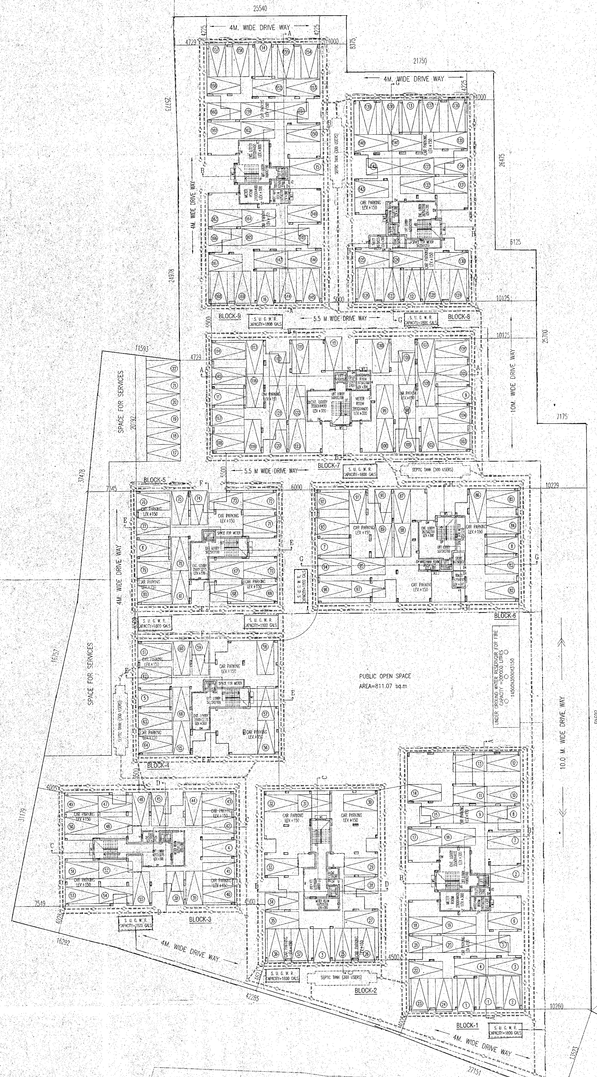
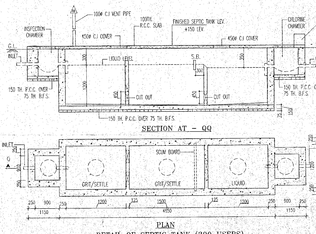
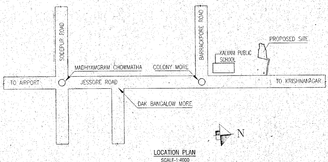
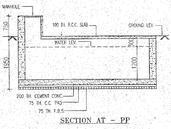


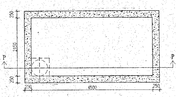


PLAN
DETAIL OF SEPTIC TANK (300 USERS)
SCALE – 1:50



LOCATION PLAN
SCALE:-1:4000





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

TYPE OF BUILDING	= RESIDENTIAL
LAND AREA	= 5689.96 SQM.
PROPOSED BUILDING HT.	= 14.9 MT.
AVAILABLE ROAD WIDTH	= 34.0 MT.
PERMISSIBLE FAR	= 3.0
PERMISSIBLE GROUND COVERAGE (65%)	= 4495.122 SQM.
PROPOSED GROUND COVERAGE (3743)	= 3755.69 SQM.
533.61*3+306.1*2+301.44*2+417.8*2	
PROPOSED GROUND FLOOR AREA	= 3755.69 SQM.
533.61*3+355.1*2+301.44*2+417.8*2	
PROPOSED 1ST+4TH FLOOR AREA	= 3726.21 SQM.
531.23*3+353.14*2+297.56*2+415.36*2	
ADDITIONAL RAINPROOF AREA	= 336.0 SQM
44.91*3.5+85.2*3.5+28.35*3.5+39.2*2	
PROPOSED TOTAL BUILT UP AREA	= 18996.53 SQM
3755.69+3726.21*4, FLS.=336.0	
EXEMPTION	
TOTAL STAIR AREA (12.69*9 BLK*5 FLS.)	=571.05 SQM
TOTAL LIFT LOBBY AREA(4.09 BLK*5 FLS.)	=229.50 SQM
CAR PARKING AREA	=4255.44 SQM
471.38*3+304.23*2+260.32*2+357.1*2	
TOTAL EXEMPTED AREA	= 4958.49 SQM
(571.05+229.04+4255.44)	
PROP. TOTAL BUILT-UP AREA FOR F.A.R.	=14938.04 SQM
(18996.53–4958.49)	
PROPOSED F.A.R. (14938.04/9999.16)	=1.491
NO. OF FLAT CALCULATION	
1 BED ROOM (STUDIO+ 1 FLS.)	=16 NOS.
2 BED ROOM FLAT (453SQ.F.*4*BLK.)*4 FLS.	=80 NOS.
3 BED ROOM FLAT (475SQ.F.*4*BLK.)*4 FLS.	=128 NOS.
TOTAL NO OF FLAT=224 NOS.	

NO. OF USERS:
224 NOS. FLAT X 4 @ 4 PERSON=1120 NOS.

CAR PARKING CALCULATION :

RESIDENTIAL

FLAT AREA BELOW 50 SQM.	=16 NOS.
REQUIRED NOS. OF CAR	=02 NOS.
FLAT AREA 50 SQM. TO 75 SQM.	=80 NOS.
REQUIRED NOS. OF CAR	=20 NOS.
FLAT AREA 75 SQM. TO 100 SQM.	=128 NOS.
REQUIRED NOS. OF CAR	=64 NOS.
TOTAL NOS. OF CAR REQUIRED (2+20+64)	=86 NOS.
TOTAL NOS OF CAR PROVIDED	=191 NOS. (COVERED=165, OPEN=22)

TYPICAL AREA CHART OF EACH FLOOR

BLOCK NO'S.	FLAT NO'S.	FLAT TYPE	(BUILT-UP AREA (SQM.)
1,7 & 9	A	3 BHK	73.60
	B	2 BHK	52.51
	C	2 BHK	52.51
	D	3 BHK	73.60
	E	3 BHK	69.50
	F	2 BHK	52.51
	G	2 BHK	52.51
	H	3 BHK	69.50
2 & 3	A	2 BHK	60.63
	B	1 BHK	35.14
	C	3 BHK	69.52
	D	3 BHK	69.52
	E	1 BHK	35.14
	F	2 BHK	60.63
4 & 5	A	3 BHK	73.85
	B	1 BHK	69.01
	C	3 BHK	68.01
	D	3 BHK	73.88
6 & 8	A	2 BHK	69.36
	B	1 BHK	52.62
	C	2 BHK	69.79
	D	3 BHK	73.88
	E	1 BHK	52.62
	F	2 BHK	73.46

SCHEDULE OF DOORS & WINDOWS

TYPE	Qty.	(W)(L)	SIZE	TYPE	SILL	(W)(H)	NOS.
D1	-	1000 / 2100	1000 x 2100	PVC	0	2100	1000/2100
D2	-	900 / 2100	900 x 2100	PVC	0	2100	1000/2100
W1	-	1200 / 1500	1200 x 1500	AL	900	2400	1000/2100
W2	-	2000 / 1200	2000 x 1200	AL	1050	2250	1000/2100
VW	-	1200 / 1500	1200 x 1500	AL	1050	2250	1000/2100
				AL	900	2100	1000/2100
				AL	900	1740	1000/2100
				W	1200	2196	1000/2100

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 150MM MM 1ST CLASS BRICK WORK 1:4 WITH ALL WAY WORKS.
4. 125MM CONC. 1:2:4 WITH 10 MM. GRADE REINFORCE.
5. R.C.C. ROOM FOR ROOF, SLAB, LINTEL, BEAM, COLUMN(M-15).
6. INTERNAL PLASTER WITH 1:4 CEMENT MORTAR & EXTERNAL WALLS ON 12 MM. & 6 MM. THK. IN CEILING & R.C.C. SLAB.
7. 20 MM. THK. I.P.S. FLOORING WITH NEAT CEMENT AT TOP INCL. CURING.
8. A BRICK BAT SOLING IN FOUNDATION & PLINTH WORK.
9. MILD STEEL 3 BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & BINDERS.
10. ANTI & CORROSIVE PAINT ON STEEL WORKS INCLUDING STRUCTURAL STEEL WORKS AS PER SPECIFICATIONS.
11. CONCRETE IN FOUNDATION, PLINTH & PORCH CONCRETE IN 1ST DIRECTION.
12. ALL OUTSIDE WALLS 250 MM THK. & INSIDE WALL 125 & 75 MM THK. AS SHOWN WITH ALL BRICK SETTING IN CHEMY (MIX) LAYER.

SIGNATURE OF OWNER:

Mahindra Infrastructure Development Ltd

Director

SIGNATURE OF OWNER

CERTIFICATE OF ARCHITECT

THE ARCHITECT HAS CERTIFIED ON THE PLANS ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLANS HAVE BEEN DRAWN UP AS PER WEST BENGAL GRAM PANCHAYAT (GRAM PANCHAYAT ADMINISTRATION) RULES' 2004 AND SUBSEQUENT AMENDMENTS OF 2006 & 2015 AND ALSO IN COMPLIANCE WITH NATIONAL BUILDING CODE THAT THE SITE CONDITION AS SHOWN IN THE PLANS ARE CORRECT AND IN ACCORDANCE WITH THE PLAN AND R.T.A. DOCUMENTS. SITE AND NOT A SLUM. GO & FILLED UP TIME.

Rajkumar Agarwal
Architect
Member of Council of
Architecture CA / 96 / 17940

SIGNATURE OF ARCHITECT

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT THE STRUCTURAL DESIGN & DRAWINGS OF THE BUILDING HAVE BEEN PREPARED BY ME AND THAT THE SAME HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS"

Manish Malumdar
B.E.E., M.E.E. (Struct)
F.I.E.(I), M.I.S.E.(I)
M'SHIP/MEMBERSHIP NO.
014/RJ/BOM/ESE/111-12

SIGN. OF STRUCTURAL ENGINEER

I IC HEREBY CERTIFY THAT THE STRUCTURAL DRAWINGS ARE PREPARED FOR EARTHQUAKE RESISTANCE IN ACCORDANCE WITH THE WEST BENGAL GRAM PANCHAYAT (GRAM PANCHAYAT ADMINISTRATION) RULES' 2004 AND SUBSEQUENT AMENDMENTS OF 2006 & 2015 AND ALSO IN COMPLIANCE WITH NATIONAL BUILDING CODE

DR. SANTOSH KUMAR CHAKRABORTY
B.E.C. (Civil, Roorkee)
F.I.E.(I), M.I.S.E.(I)
M.I.E./A.S.I.S.T.E./
M.I.E.T.E./M.I.S.T.E.
M'SHIP/MEMBERSHIP NO.

SIGN. OF STRUCTURAL ENGINEER

APPROVED

The structural analysis reports & soil reports are kept for reference in this office. The clearance is accorded subject to certificate of architect, Str. Engineer, Geo.-Tech. Engineer.

(N) 24 Parganas Zilla Parishad

TITLE

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

PROJECT

PROPOSED G+IV STORIED (14.9 MT. HT.) RESIDENTIAL BUILDING AT J.L. NO. - 5, DAG NOS. - 690, 692, 594, 595, 596, 597, L.R. KHATIAN NOS.-1975, MOUZA - ALGARIA, UNDER PASCHIM KHILKAPUR PANCHAYAT, BARASAT-I , DIST.- NORTH 24 PARGANAS.

DATE	JOB NO.	SCALE	CHECKED	SHEET NO.
09.04.18	ARCH/106/2017	1:200		02 OF 05

ARCHITECT

RAJ AGARWAL & ASSOCIATES
WILTONS STREET KOLKATA-16

APPROVED BY:–

S.I. NO.: 15/PMAP Dated :- 30/5/18

PLAN PERMITTED

Paschim Khilkapur Gram Panchayat
Barasat Block-I, North 24-Pgs.

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