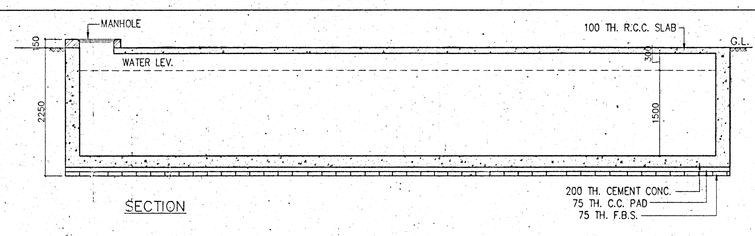
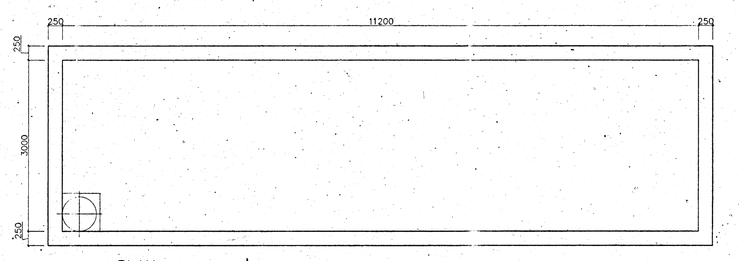
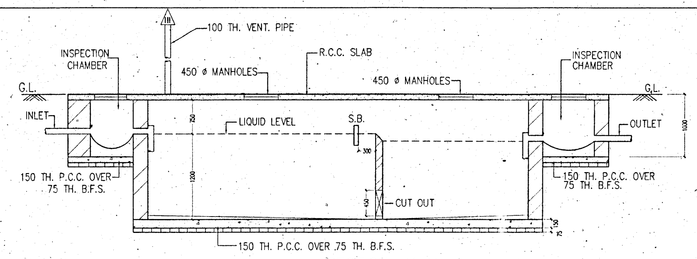


SECTION

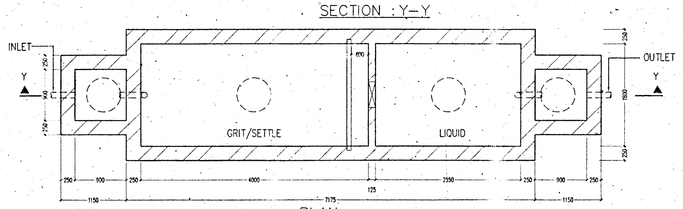


PLAN

DETAIL OF UNDERGROUND WATER TANK
CAPACITY-50000 LTR.
SCALE-1:50

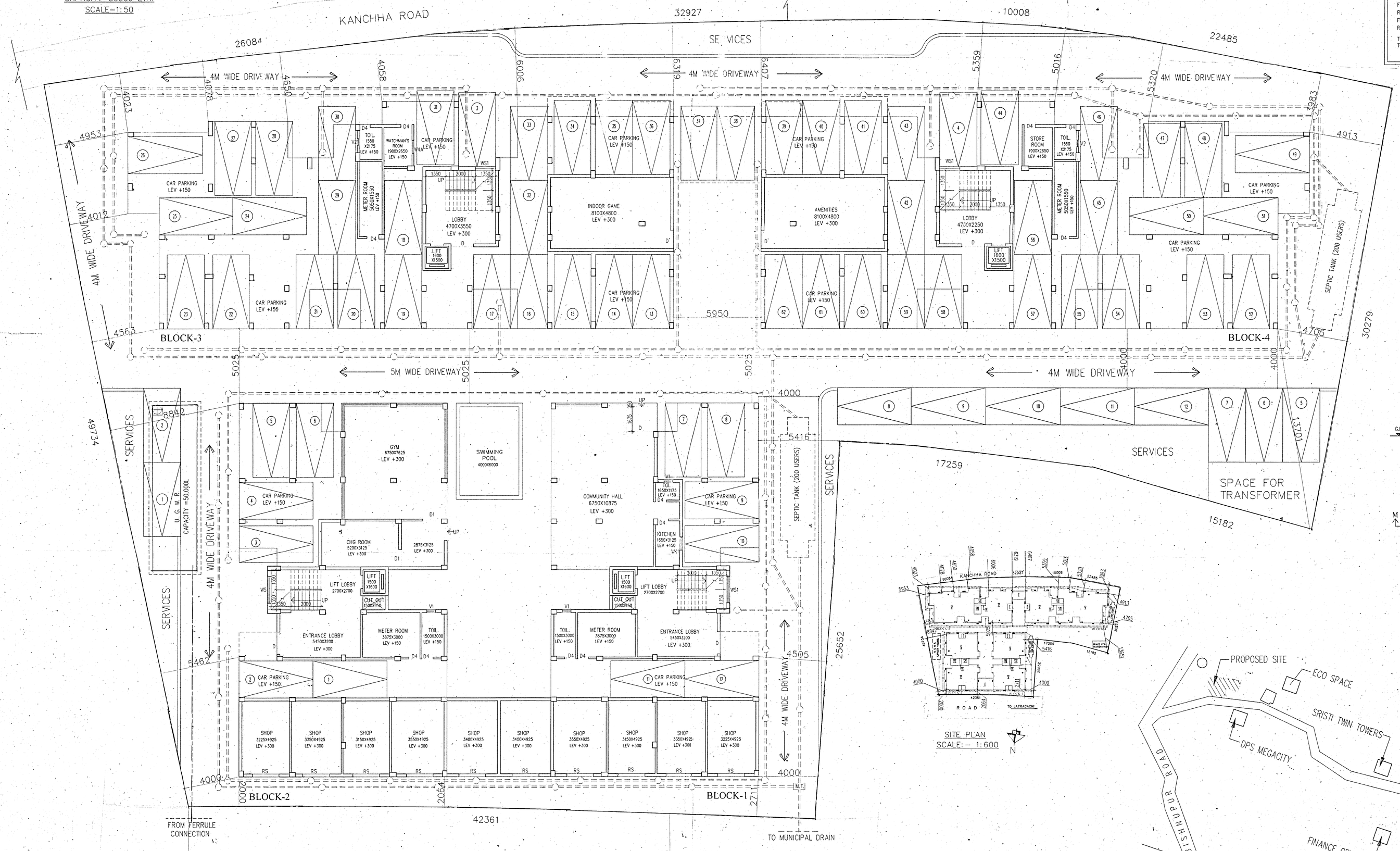


SECTION : Y-Y



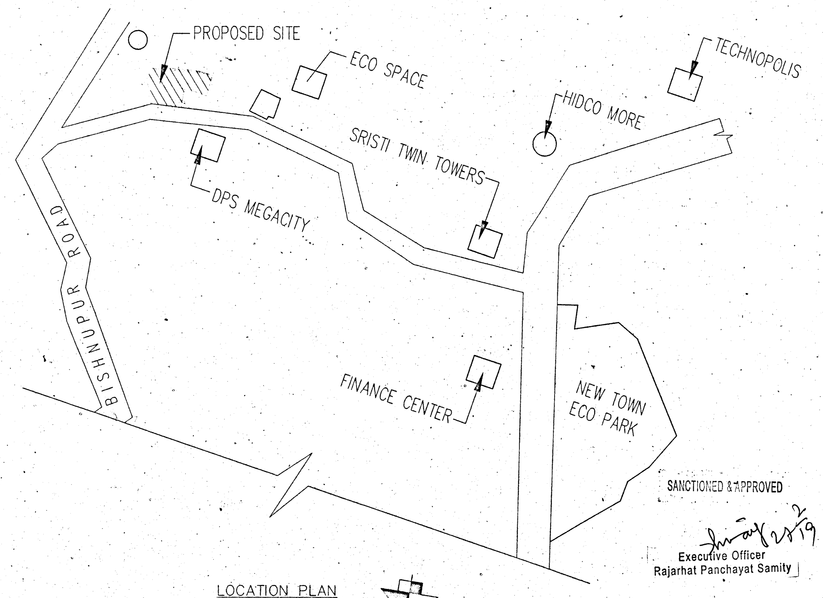
PLAN

DETAIL OF SEPTIC TANK (200 USERS)

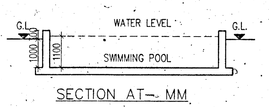


OVERALL GROUND FLOOR PLAN
SCALE:- 1:100

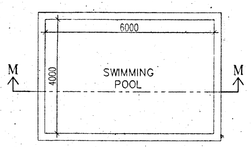
SITE PLAN
SCALE:- 1:600



LOCATION PLAN
SCALE:- 1:4000



SECTION AT-- MM



PLAN

SECTION OF SWIMMING POOL
SCALE-1:100

AREA STATEMENT:-

AREA OF PLOT (88.5 DEC.)	= 3581.44 SQ.M.
AREA OF PLOT (AS PER PHYSICAL)	= 3563.86 SQ.M.
PERMISSIBLE F.A.R.	= 2.25
PERMISSIBLE BUILT UP AREA (3563.86*2.25)	= 8018.685 SQ.M.
PROPOSED BUILDING HT. (G+IV)	= 14.95 MT.
PERMISSIBLE GROUND COVERAGE (50%)	= 1781.93 SQ.M.
PROPOSED GROUND COVERAGE (47.09%)	=1678.34 SQM.
PROPOSED GROUND FLOOR AREA	=1655.098 SQM.
PROPOSED TYPICAL(1ST TO 4TH) FLOOR AREA (320.65*2+463.483*2)	=1568.266 SQM.
PROPOSED TOTAL WARDROBE AREA	=64.8 SQ.M.
PROPOSED TOTAL FLOOR AREA (1655.098+1568.266*4 FLOOR+64.8)	=7992.962 SFT.
EXEMPTION	
RESIDENTIAL STAIR AREA (12.69*5 FLS.*4)	= 253.8 SQ.M.
LIFT LOBBY AREA (6.0*5 FLS.*4)	= 120.0 SQ.M.
CAR PARKING AREA AT GROUND FLOOR	=1033.25 SQ.M.
PROPOSED TOTAL WARDROBE AREA	= 64.8 SQ.M.
TOTAL EXEMPTION AREA (253.8+120.0+1033.25+64.8)	=1471.85 SQ.M.
PROPOSED TOTAL FLOOR AREA AFTER EXEMPTION (7992.962-1471.85)	=6521.112 SQ.M.
PROPOSED FAR (6521.112/3563.86)	= 1.83
FLAT DETAIL (PROPOSED)	
2BHK	=4*4 FLS. = 16 NOS.
3BHK	=16*4 FLS. = 64 NOS.
	TOTAL NO OF FLAT=80 NOS.
TOTAL NO OF USERS (80 FLATS @ 5 PERSON)	=400 NOS.
CAR PARKING CALCULATION	
COMMERCIAL	
SHOP BUILT UP AREA AT GROUND FLOOR	=186.908 SQM.
SHOP CARPET AREA AT GROUND FLOOR	=164.07 SQM.
NO. OF CARS REQUIRED	=05 NOS.
RESIDENTIAL	
FLAT AREA 75 TO 100 SQ.M.	=64 NOS.
REQUIRED NO. OF CARS	=32 NOS.
FLAT AREA 50 TO 75 SQ.M.	=16 NOS.
REQUIRED NO. OF CARS	=04 NOS.
TOTAL NOS. OF CARS REQUIRED (5+32+4)	=41 NOS.
TOTAL NOS. OF CARS PROVIDED	=74 NOS.
	(COVERED=62 & OPEN=12)

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZE
D	-	2100	1500X2100	W1	275	2100	1350X1825
D'	-	2100	1200X2100	W2	275	2100	1250X1825
D1	-	2100	1100X2100	W3	275	2100	1200X1825
D2	-	2100	900X2100	W4	275	2100	900X1825
D3	-	2100	825X2100	W4a	900	2100	900X1200
D4	-	2100	750X2100	W5	275	2100	1500X1825
DW	-	2100	1800X2100	WK	1050	2100	900X1050
DW1	-	2100	1500X2100	WK1	1050	2100	650X1050
DW2	-	2100	1350X2100	WS1	900	2100	1800X1200
DW3	-	2100	1350X2100	WS2	900	2100	1350X1200
DW4	-	2100	1250X2100	V1	1200	2100	600X900
				V2	1200	2100	450X900

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 125MS MM. THK. 1ST CLASS BRICK WORK IN 1:4 MIX H.B. WIRE NETTING.
4. LEAN CONC. IN 3:6 MIX WITH 16 MM. DOWN GRADED STONECHIPS.
5. R.C.C. WORK FOR ROOF, SLAB, LINTEL, BEAM, COLUMN(M-15).
6. CEMENT SAND PLASTER 13 MM. THK. ON OUTSIDE & INSIDE WALLS ON 12 MM. & 6 MM. THK. IN CEILING & R.C.C. CHAJJA.
7. 20 MM. THK. I.P.S. FLOORING WITH NEAT CEMENT AT TOP INCL. SKIRTING.
8. A BRICK FLAT SOLING IN FLOORING & FOUNDATION.
9. MS STEEL T BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & BINDERS.
10. HIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STOUT PROP. TO BE PLACED AS PER DIRECTION.
11. SANITARY & PLUMBING, FITTING & FIXING COMPLETE AS PER DIRECTION.
12. ALL OUTSIDE WALLS 250 MM. THK. & INSIDE WALL 125 & 75 MM. THK. AS STATED WITH H.B. WIRE NETTING IN EVERY 3RD LAYER.

SIGNATURE OF OWNER

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

VIVEK POOPAL (CONSTITUTED ATTORNEY).

Magnolia Infrastructure Development Ltd.
Director

NAME OF OWNER.

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT L.R. DAG NO- 1617, 1618. KHATIAN NO- 1456, 7894, MOUZA- MUHAMADPUR UNDER RAJARHAT BISHNUPUR-II GRAM PANCHAYAT P.S.- RAJARHAT, NORTH 24 PGS., WEST BENGAL HAVE BEEN 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 COMPLY WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION 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.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E., M.I.G.
M.I.E., CHARTERED ENGINEER
ENLISTED GEO-TECHNICAL ENGINEER (K.M.C.)
G.T./II/3(K.M.C.)
LM-4279, M-153376-5

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.

Malnak Majumdar
B.C.E., M.C.E. (Strct)
ESE-1537 of CMC
STER/NKDA/101/0020
074/RJPSON/ESE/15-12

SIGN. OF STRUCTURAL ENGINEER

TITLE

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

PROJECT

PROPOSED G+IV STORIED (14.95 MT. HT.) RESIDENTIAL BUILDING AT
L.R. DAG NO- 1617, 1618.
KHATIAN NO- 1456, 7894,
MOUZA- MUHAMADPUR
UNDER RAJARHAT BISHNUPUR-II GRAM PANCHAYAT
P.S.- RAJARHAT, NORTH 24 PGS., WEST BENGAL

DATE	JOB. NO.	DEALT	CHECKED	SHEET NO.
07.09.18	ARCH/668/2018	TUMPA	NIRMAL	01 OF 05
SCALE-1:100	ARCHITECT			

RAJ AGARWAL & ASSOCIATES
88,ROYD STREET, KOLKATA-16

FOR OFFICE USE ONLY

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

Executive Officer
Rajarhat Panchayat Samity

Approval Order No. 58/N2P
Date 3/1/19
Valid up to 31/12/23

District Engineer
(N) 24 Parganas Zilla Parishad