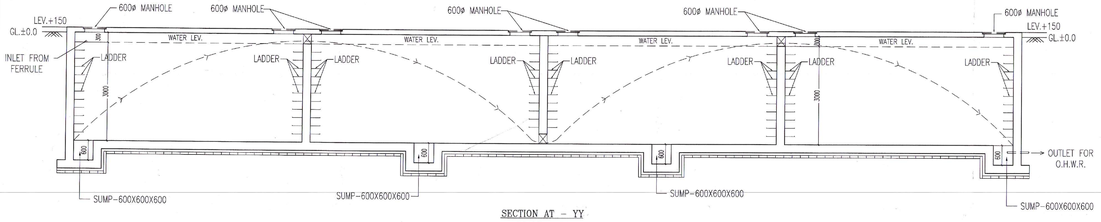
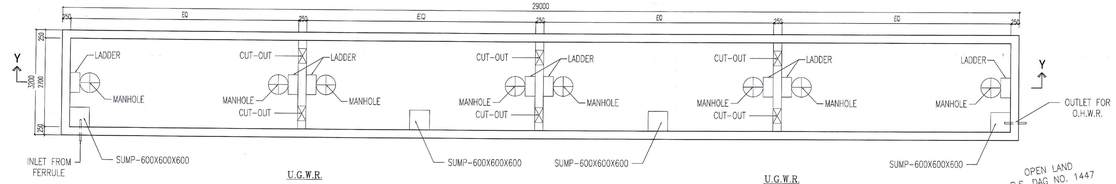


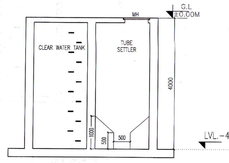
SECTION AT – YY
SCALE:-1:50



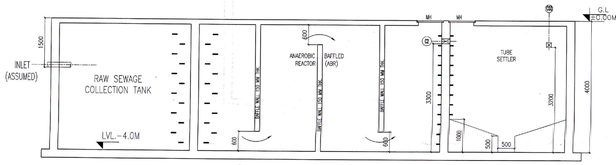
U.G.W.R.
FOR FIRE FIGHTING
CAP:-1,00,000 LTS.

U.G.W.R.
FOR DOMESTIC
CAP:-1,00,000 LTS.

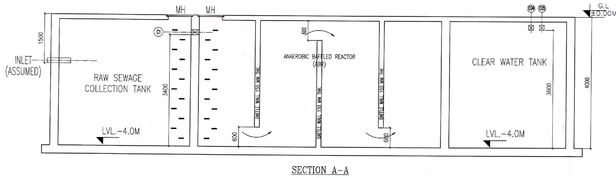
PLAN
SCALE:-1:50



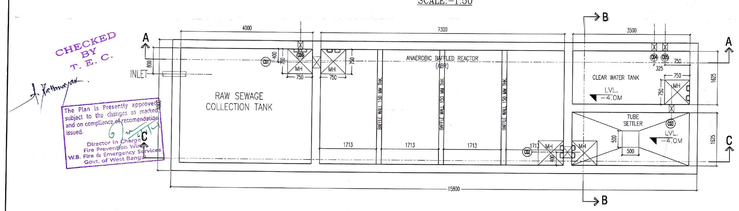
SECTION B–B
SCALE:-1:50



SECTION C–C
SCALE:-1:50



SECTION A–A
SCALE:-1:50

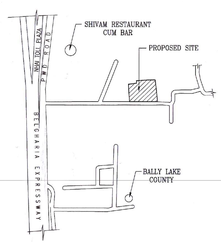


LAYOUT PLAN OF
STP-100 KLD
SCALE:-1:50

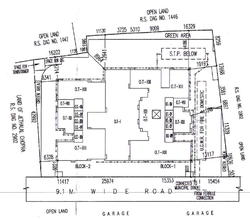
CHECKED
T. E. C.

The Plan is Presently approved subject to the Changes as marked and or compliance of recommendations issued.

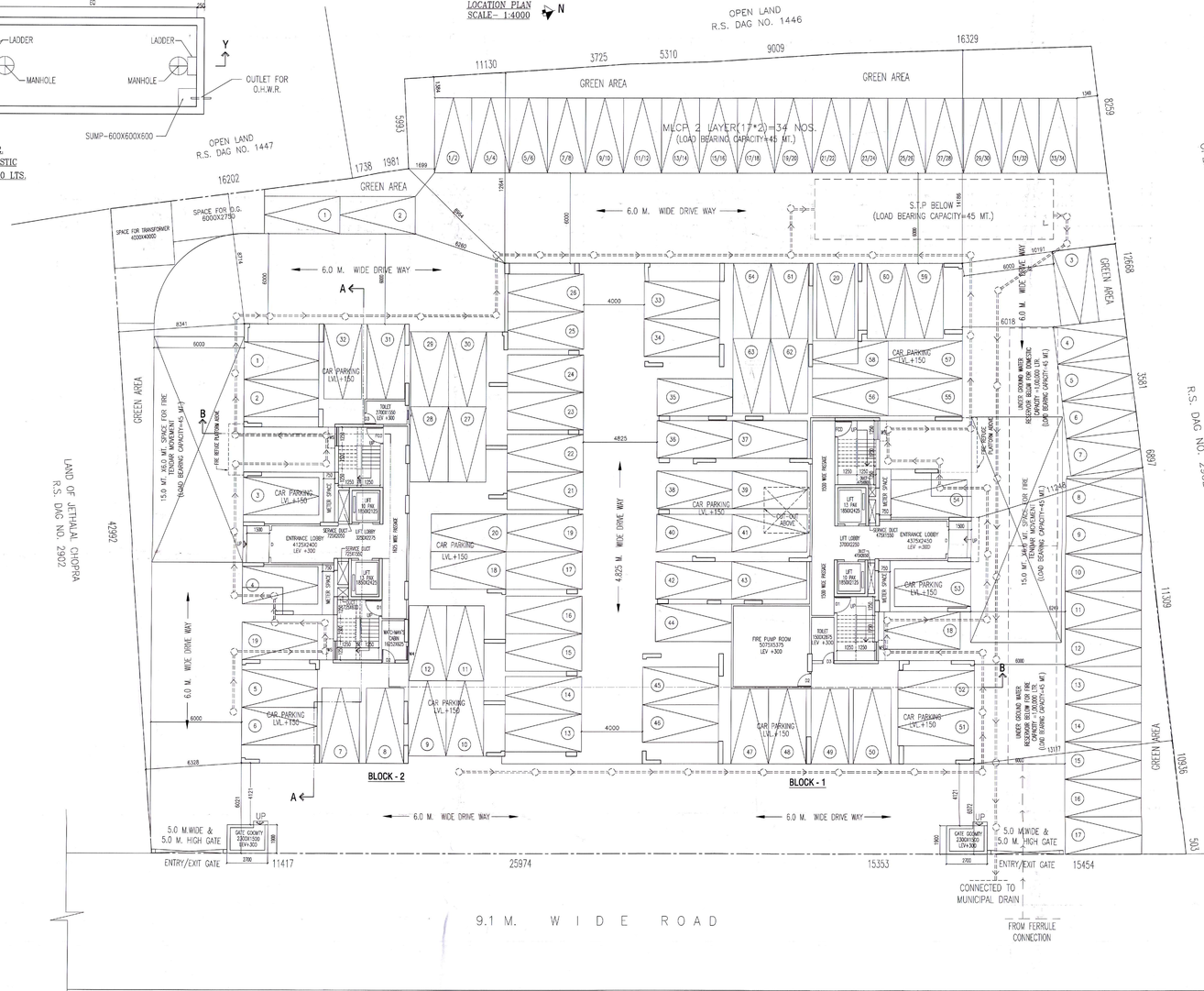
Director In Charge
Fire Prevention & Life Safety Measures
W.B. Fire & Emergency Services
Govt. of West Bengal



LOCATION PLAN
SCALE:- 1:4000 N



SITE PLAN
SCALE:- 1:600 N



GROUND FLOOR PLAN
SCALE:- 1:100 N

CERTIFICATE OF ARCHITECT

THE L.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF H.M.C. BLDG. RULES 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRM WITH THE PLAN AND IT IS A BUILD ABLE SITE AND NOT A TANK OR A FILLED UP TANK.

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

SIGNATURE OF ARCHITECT
RAJ KUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGRAWAL & ASSOCIATES
88, RIYD STREET (2ND FLOOR), KOLKATA-16.

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT, "THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS 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".

IT IS HEREBY CERTIFIED THAT THE STRUCTURAL DRAWINGS ARE PREPARED FOR EARTHQUAKE RESISTANCE IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016 .

Mainak Majumdar
B.C.E., M.C.E. (Strucl)
ESE-1523 of KMC
ESR- (I), 152/4
074/0/P/GCN/ESE/11-12

SIGNATURE OF STRUCTURAL ENGINEER
MAINAK MAJUMDAR
M.E., M.M.E. (CIVIL), M.S.C.E.
CHARTERED ENGINEER A.M.-053212
ENROLMENT NO :- I.S.L./1521, K.M.C.
ADDRESS:
93/2 GARFA MAIN ROAD, KOLKATA-75.

SIGN. OF GEO-TECHNICAL ENGINEER
JISHNU PAL
URS LIC NO :- G.T./1/32
ADDRESS:
NORTH BASIRA PALPARA, HOWRAH,
P.O.- BAKSARA, P.S.- JAGACHA,
PIN - 711110

MANOJ KANTI MATUNDER
B.Sc. (Hons), B.E.E., F.I.E.E. Engg.
Mt Struct. & Const) M.I.E.E.E. (USA)
ESE-15 of
The Calcutta Municipal Corporation

SIGNATURE OF STRUCTURAL REVIEWER
MANOJ KANTI MATUNDER
ENROLMENT NO. :- ESR (I) 68/2
ADDRESS:
93/2 GARFA MAIN ROAD, KOLKATA-75.

SCHEDULE OF DOORS & WINDOWS

TYPE	SH.	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZE
D	–	2100	1800X2100	W1	900	2100	1800X1200
D1	–	2100	1100X2100	W2	900	2100	1500X1200
D2	–	2100	800X2100	W2A	1050	2100	1500X1200
D3	–	2100	750X2100	W3	900	2100	1425X1200
DW	–	2100	1800X2100	W4	900	2100	900X1200
DW1	–	2100	1575X2100	W4A	1050	2100	900X1200
FDD	–	2100	1100X2100	W5	900	2100	725X1200
FDD1	–	2100	1800X2100	WK	1050	2100	900X1200
				WA1	1050	2100	675X1050
				V	1200	2100	600X900
				W6	900	2100	1250X1200

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 125X75 MM. THK. 1ST CLASS BRICK WORK 1:4 WITH I.B. WIRE MIRE NETTING.
4. LEAN CONC. 1:3:6 WITH 16 MM. DOWN GRADED STONCHIPS.
5. R.C.C. WORK FOR ROOF, SLAB, LINTEL, BEAM, COLUMN@1:1:2
6. CEMENT SAND PLASTER 19 MM. THK. ON OUTSIDE & INSIDE WALLS OF 12 MM. & 8 MM. THK. IN CEILING & R.C.C. CHAJA.
7. 20 MM. THK. I.P.S. FLOORING WITH NEAT CEMENT AT TOP INCL. SKIRTING.
8. A BRICK FLAT SOLING IN FLOORING & FOUNDATION.
9. MILD STEEL 1 BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & BINDERS.
10. HIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STOUT PROPS TO BE FIXED 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 SHOWN WITH RED MIRE NETTING IN EVERY 3RD LAYER.

AREA STATEMENT

AREA OF LAND (AS PER DEED) (0.94 DECN.)	= 3432.27 SQM.
AREA OF PLOT (AS PER MEASUREMENT)	= 3366.1 SQM.
AVAILABLE ROAD WIDTH	= 9.1 M.(MEASURED)
PROPOSED BUILDING HT. (G+XII)	= 39.95 MT.
PERMISSIBLE FAR (EXTRA FSI FOR GREEN BUILDING)	= 3.3
PERMISSIBLE BUILT UP AREA (3366.1*3.3)	= 11108.13 SQM.
PERMISSIBLE GROUND COVERAGE (50%)	= 1683.05 SQM.
PROPOSED GROUND COVERAGE (41.83%) (A.-1=345.25+B.-1=413.50+422.70)	= 1427.55 SQM.
PROPOSED GROUND FLOOR AREA (BLOCK-1, 2 & PARKING)	= 1427.55 SQM.
BLOCK-1	
PROPOSED GROUND FLOOR AREA	= 581.25 SQM.
PROPOSED 1ST FLOOR AREA	= 546.11 SQM.
PROPOSED TYPICAL FLOOR AREA (2ND TO 12TH FL.)	= 546.11 SQM.
ADDITIONAL MAINTENANCE AREA (13.13*12 FLOORS)	= 157.56 SQM.
BLOCK-2	
PROPOSED GROUND FLOOR AREA	= 433.05 SQM.
PROPOSED 1ST FLOOR AREA	= 411.71 SQM.
PROPOSED TYPICAL FLOOR AREA (2ND TO 12TH FL.)	= 411.71 SQM.
ADDITIONAL MAINTENANCE AREA (10.09*12 FLOORS)	= 120.6 SQM.
TOTAL MAINTENANCE (BLOCK-1&2) AREA (157.56+120.6)	= 278.16 SQM.
PROPOSED TOTAL BUILT UP AREA (BLOCK-1 & 2) (581.25+546.11*24+422.55+411.71*23+422.75+278.16)	= 13179.55 SQM.
EXEMPTION	
STAIR AREA (11.09*2*13 FLS. +10.62*2*13 FLS.)	= 562.36 SQM.
LIFT LOBBY AREA (4.3*13 FLS.)	= 156.0 SQM.
CAR PARKING AREA AT GROUND FLOOR	= 1176.07 SQM.
TOTAL MAINTENANCE (BLOCK-1&2) AREA (157.56+120.6)	= 278.16 SQM.
PROPOSED FLOOR AREA FOR F.A.R. (13179.55-(562.36+156.0+1176.07+278.16)	= 11006.24 SQM.
PROPOSED F.A.R (11006.24/3366.1)	= 3.269
CAR PARKING CALCULATION	
ASSEMBLY BUILT-UP AREA AT 1ST FLOOR (BL-1 & 2)	= 406.12 SQM.
NO OF CAR PARKING REQD. (PER 75 SQM = 1 CAR REQD.)	= 05 NOS.
NO OF FLAT AREA (50-70) SQM.	= 46 NOS.
NO OF CAR PARKING REQD.	= 11 NOS.
NO OF FLAT AREA (70-100) SQM.	= 92 NOS.
NO OF CAR PARKING REQD.	= 46 NOS.
TOTAL NO OF CAR PARKING REQD. (05+11+46)	= 62 NOS.
TOTAL NO OF PARKING PROVIDED (64+20+34)	= 118 NOS.
NO OF PARKING IN GROUND COVERED	= 64 NOS.
NO OF PARKING IN GROUND OPEN	= 20 NOS.
NO OF PARKING IN GROUND OPEN W.CP. = (17X2)	= 34 NOS.

DEVYANSH PROPERTIES PVT. LTD.
DIRECTOR

JEEN MATA HOME BUILDERS PVT. LTD.
DIRECTOR

MUSADDI BUILDERS PVT. LTD.
DIRECTOR

PRIYANSH PROPERTIES PVT. LTD.
DIRECTOR

VANYA BUILDCON PVT. LTD.
DIRECTOR

PRIYANSH REALCON PVT. LTD.
DIRECTOR

MUSADDI REALTORS PVT. LTD.
DIRECTOR

VANYA GRIHA NIRMAN PVT. LTD.
DIRECTOR

SIGNATURE OF OWNER
NAME OF OWNER :-
1. DEVYANSH PROPERTIES PVT. LTD.
2. JEEN MATA HOME BUILDERS PVT. LTD.
3. MUSADDI BUILDERS PVT. LTD.
4. PRIYANSH PROPERTIES PVT. LTD.
5. VANYA BUILDCON PVT. LTD.
6. PRIYANSH REALCON PVT. LTD.
7. MUSADDI REALTORS PVT. LTD.
8. VANYA GRIHA NIRMAN PVT. LTD.

TITLE
GROUND FLOOR PLAN, SITE PLAN, LOCATION PLAN, DETAILS OF U.G.W.R. & S.T.P.

PROJECT
PROPOSED G+XII (39.95 M.) STORIED RESIDENTIAL BUILDING AT C.S. & R.S. DAG. NO – 2901 & 2902 KHATIAN NO. 9620 TO 9620/1, MOUZA – BALLY, BALLY AVATANAGAR GRAMPANCHAYAT–II, DISTRICT – HOWRAH.

DATE	DRG.NO	DLKT	CHECKED	SHEET NO.
02.12.20	ARCH/1599/2020	GARG	RAJ SIR	1 OF 4

SCALE:- 1:100, 50, 600 & 4000

ARCHITECT
RAJ AGRAWAL & ASSOCIATES
88, RIYD STREET, CALCUTTA – 16