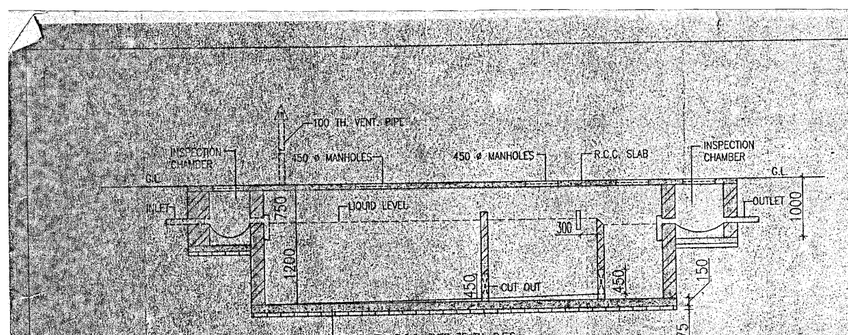
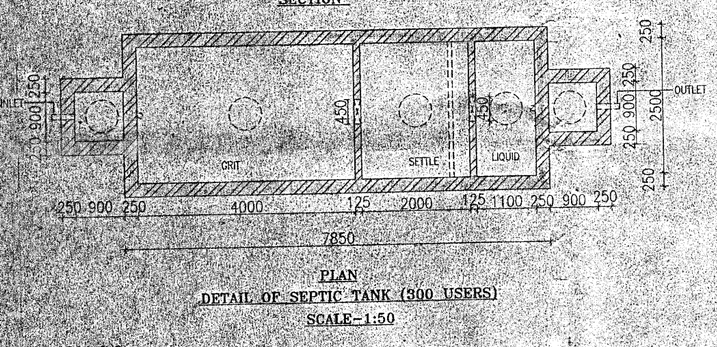


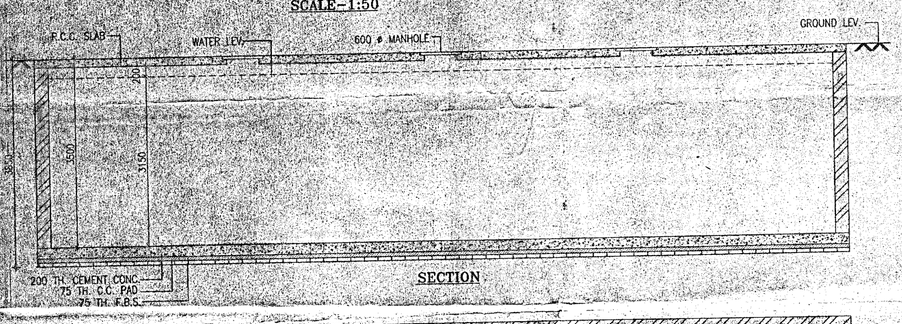
SECTION



PLAN

DETAIL OF SEPTIC TANK (300 USERS)

SCALE-1:50



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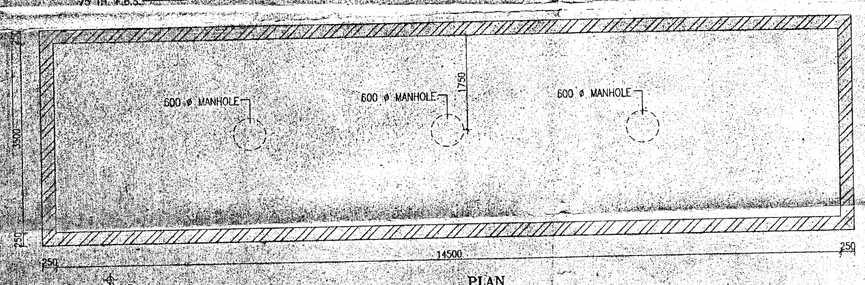
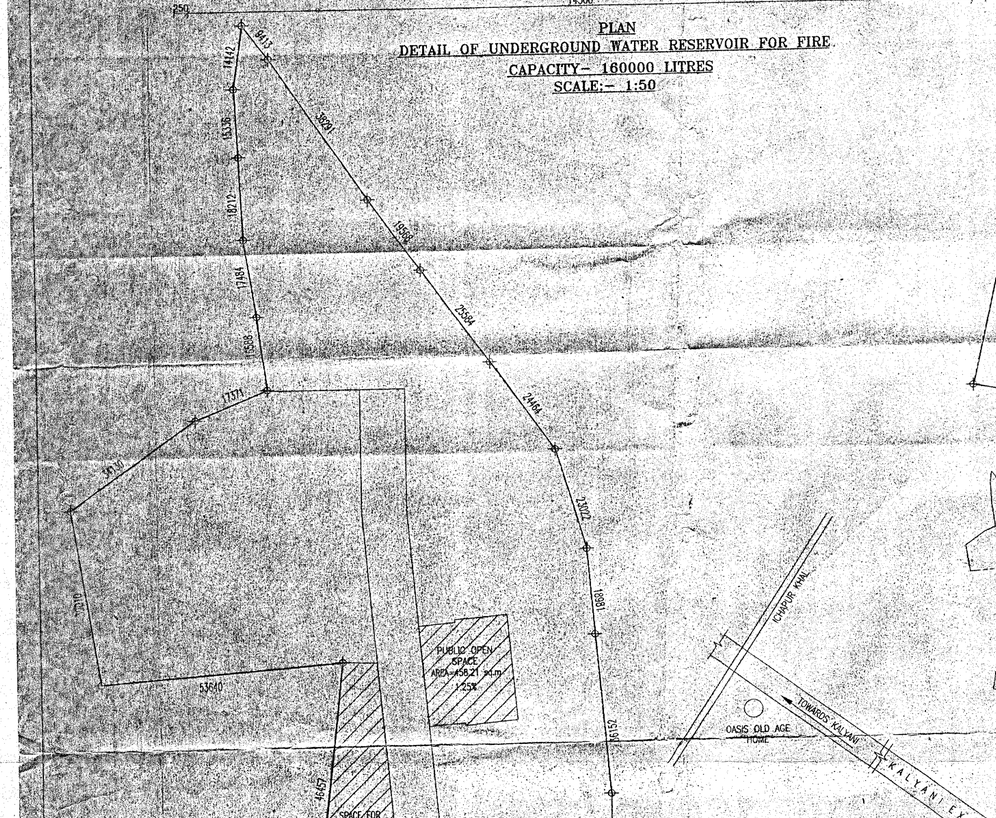


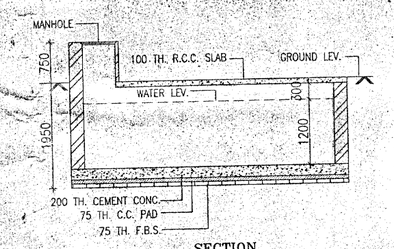
PLAN

DETAIL OF UNDERGROUND WATER RESERVOIR FOR FIRE

CAPACITY- 160000 LITRES

SCALE:- 1:50





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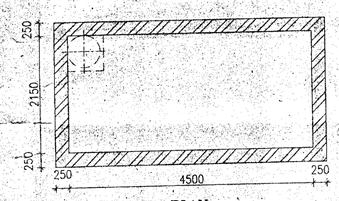
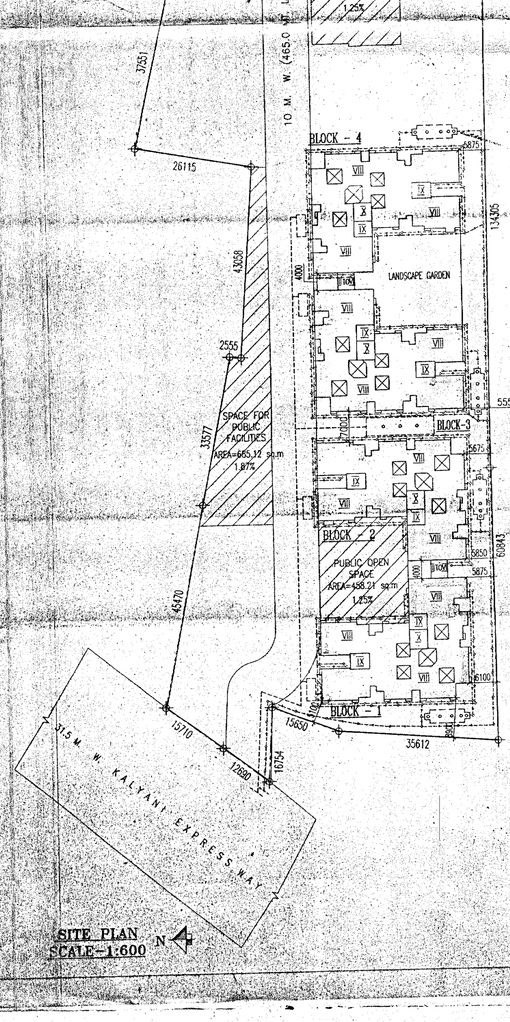


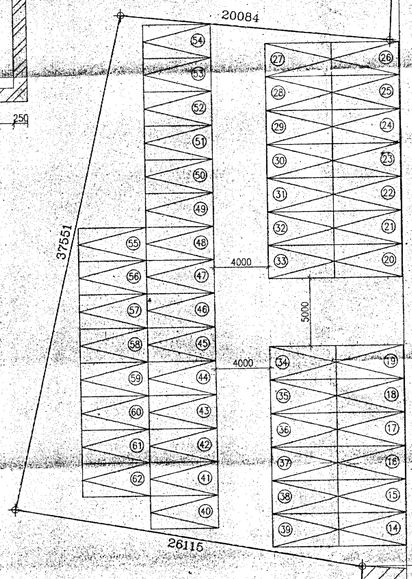
PLAN

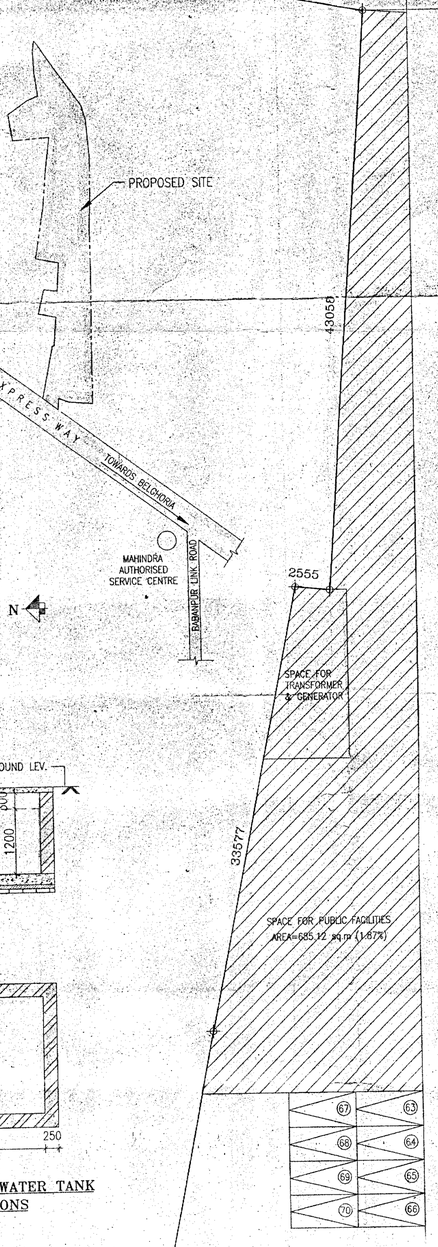
DETAIL OF UNDERGROUND WATER TANK

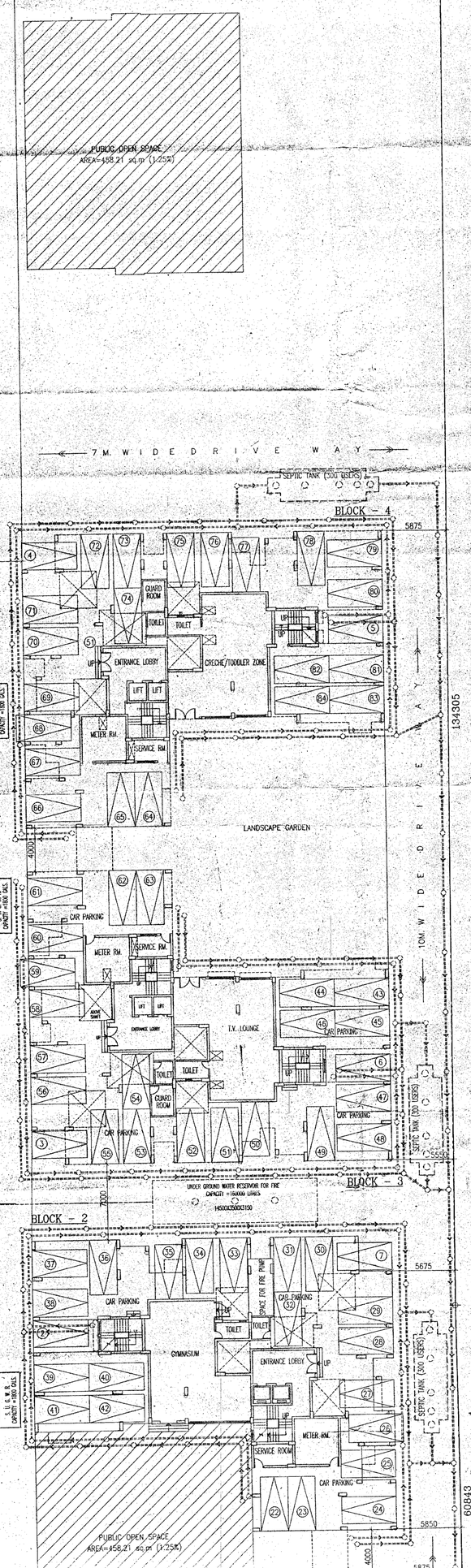
CAPACITY-- 1800 GALLONS

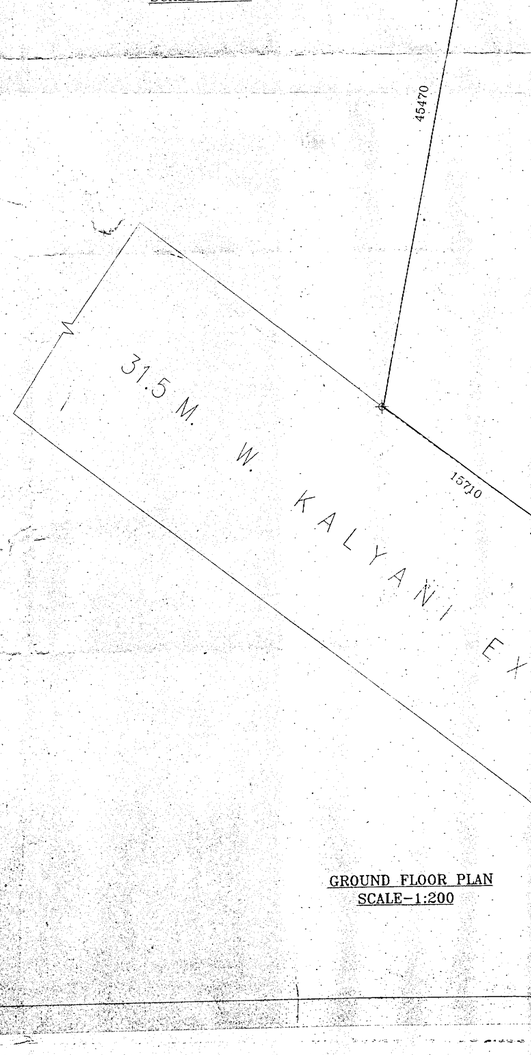
SCALE:- 1:50











GROUND FLOOR PLAN

SCALE-1:200

TYPICAL AREA STATEMENT OF F.....			
BLOCK/ MKD.	FLAT MKD.	FLAT TYPE	BUILT-UP AREA (SQM.)
1	A	3 BHK	78.99 (7 NOS.)
	B	3 BHK	78.94 (7 NOS.)
	C	2 BHK	51.78 (7 NOS.)
	D	3 BHK	78.81 (7 NOS.)
	E	2 BHK	46.84 (7 NOS.)
	F	2 BHK	55.45 (7 NOS.)
	G	2 BHK	55.64 (7 NOS.)
	H	2 BHK	51.52 (7 NOS.)
2	A	3 BHK	76.99 (7 NOS.)
	B	3 BHK	78.94 (7 NOS.)
	C	2 BHK	51.78 (7 NOS.)
	D	3 BHK	78.81 (7 NOS.)
	E	2 BHK	46.84 (7 NOS.)
	F	2 BHK	55.45 (7 NOS.)
	G	2 BHK	55.64 (7 NOS.)
	H	2 BHK	51.52 (7 NOS.)
3	A	3 BHK	76.99 (7 NOS.)
	B	3 BHK	78.94 (7 NOS.)
	C	2 BHK	51.78 (7 NOS.)
	D	3 BHK	78.81 (7 NOS.)
	E	2 BHK	46.84 (7 NOS.)
	F	2 BHK	55.45 (7 NOS.)
	G	2 BHK	55.64 (7 NOS.)
	H	2 BHK	51.52 (7 NOS.)
4	A	3 BHK	76.99 (7 NOS.)
	B	3 BHK	78.94 (7 NOS.)
	C	2 BHK	51.78 (7 NOS.)
	D	3 BHK	78.81 (7 NOS.)
	E	2 BHK	46.84 (7 NOS.)
	F	2 BHK	55.45 (7 NOS.)
	G	2 BHK	55.64 (7 NOS.)
	H	2 BHK	51.52 (7 NOS.)

AREA CALCULATION

LAND AREA = 9.05 ACRES =394218 SFT. (AS PER DEED)	=36623.748 SQM.
AVAILABLE ROAD WIDTH	31.5 M.
PERMISSIBLE FAR	= 3.0
PERMISSIBLE BUILT UP AREA (36623.746*3.0)	=109871.238 SQM.
PERMISSIBLE GROUND COVERAGE (45%)	=16480.6857 SQM.
PROPOSED BUILDING HEIGHT	=25.00 MT.
BLOCK - 1 (G+7 FLS.)	
PROPOSED GROUND COVERAGE	=587.327 SQM.
PROPOSED GROUND FLOOR AREA	=587.327 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST-7TH)	=571.731 SQM.
PROPOSED TOTAL FLOOR AREA (587.327+571.731*7 FLS.)	=4589.444 SQM.
BLOCK - 2 (G+7 FLS.)	
PROPOSED GROUND COVERAGE	=587.327 SQM.
PROPOSED GROUND FLOOR AREA	=587.327 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST-7TH)	=571.731 SQM.
PROPOSED TOTAL FLOOR AREA (587.327+571.731*7 FLS.)	=4589.444 SQM.
BLOCK - 3 (G+7 FLS.)	
PROPOSED GROUND COVERAGE	=587.327 SQM.
PROPOSED GROUND FLOOR AREA	=587.327 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST-7TH)	=571.731 SQM.
PROPOSED TOTAL FLOOR AREA (587.327+571.731*7 FLS.)	=4589.444 SQM.
BLOCK - 4 (G+7 FLS.)	
PROPOSED GROUND COVERAGE	=587.327 SQM.
PROPOSED GROUND FLOOR AREA	=587.327 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST-7TH)	=571.731 SQM.
PROPOSED TOTAL FLOOR AREA (587.327+571.731*7 FLS.)	=4589.444 SQM.
PROPOSED TOTAL WAREDROBE AREA (12.375+12.375+12.375+12.375)	=49.5 SQM.
GROUND FLOOR CAR PARKING AREA (397.419+397.419+397.419+397.419)	=1589.676 SQM.
PROPOSED GROUND COVERAGE (6.41%) (587.327+587.327+587.327+587.327)	=2349.308 SQM.
PROPOSED TOTAL BUILT-UP AREA (4589.444+4589.444+4589.444+4589.444)	=18357.776 SQM.
EXEMPTION	
TOTAL STAIR AREA (11.25*2 NOS.*8 FLS.)*4 BLK.	=720.00 SQM.
TOTAL LIFT LOBBY AREA (6*8 FLS.)*4 BLK.	=192.00 SQM.
CAR PARKING AREA (84 CARS)	=1589.676 SQM.
TOTAL EXEMPTION AREA (720.00+192.00+1589.676)	=2501.676 SQM.
PROPOSED TOTAL BUILT-UP AREA FOR F.A.R. (18357.776-2501.676)	=15856.1 SQM.
PROPOSED F.A.R. (15856.1/36623.746)	=0.433
NO. OF FLAT CALCULATION	
BLOCK - 1	
3 BED ROOM FLAT (3*7 FLS.)	=21 NOS.
2 BED ROOM FLAT (5*7 FLS.)	=35 NOS.
BLOCK - 2	
3 BED ROOM FLAT (3*7 FLS.)	=21 NOS.
2 BED ROOM FLAT (5*7 FLS.)	=35 NOS.
BLOCK - 3	
3 BED ROOM FLAT (3*7 FLS.)	=21 NOS.
2 BED ROOM FLAT (5*7 FLS.)	=35 NOS.
BLOCK - 4	
3 BED ROOM FLAT (3*7 FLS.)	=21 NOS.
2 BED ROOM FLAT (5*7 FLS.)	=35 NOS.
TOTAL NOS. OF FLAT	=224 NOS.
NO. OF USERS	
224 NOS. FLAT X @ 5 PERSON	=1120 NOS.
CAR PARKING CALCULATION	
RESIDENTIAL	
TOTAL RESIDENTAL AREA EXCEPT CAR PARKING (18357.776-1589.676)	=16768.1 SQM.
TOTAL NO. OF CAR PARKING REQUIRED (1 CAR FOR @110 SQM.)	= 153 NOS.
TOTAL NO. OF CAR PARKING PROVIDED (COVERED=84 NOS. OPEN=70 NOS.)	=154 NOS.
PERMISSIBLE AREA AS PUBLIC OPEN SPACE & PUBLIC FACILITIES ((8+7)% = 15%	=5493.56 SQM.
PROVIDED AREA FOR SAME (8.03+7.01)=15.04%	=5509.38 SQM.

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZE
D1	–	2100	1100X2100	W1	275	2100	1500X1825
D2	–	2100	900X2100	W2	275	2100	1200X1825
D3	–	2100	825X2100	W3	275	2100	900X1825
D4	–	2100	750X2100	W4	900	2100	900X1200
DW	–	2100	1800X2100	WK	1050	2100	900X1050
DW1	–	2100	1500X2100	WK1	1050	2100	750X1050
				WS	900	2100	1800X1200
				WS1	900	2100	1200X1200
				V1	1200	2100	600X900

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 H.B. WIRE NETTING.
4. LEAN CONC 1:3:6 WITH 16 MM. DOWN GRADED STONCHIPS.
5. R.C.C. WORK FOR ROOF, SLAB, LINTEL & BEAM, COLUMN(M-15).
6. CEMENT SAND PLASTER 19 MM. THK. ON OUTSIDE & INSIDE WALLS ON 12 MM. & 6 MM. THK. IN CEILING & R.C.C. CHAJA.
7. 20 MM. THK. U.P.S. FLOORING WITH HEAT CEMENT AT TOP INCL. SKIRTING.
8. A BRICK FLAT SOLING IN FLOORING & FOUNDATION.
9. MILD STEEL T BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & BINDERS.
10. HIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STOU PROP. TO BE PLACED AS PER DIRECTION.
11. SANITARY & PLUMBING, FITTING & FIXING COMPLETE AS PER DIRECTION.
12. ALL OUTSIDE WALLS 200 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 UNDERTAKAE SHALL BE STRICTLY IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016.

Magnolia Infrastructure Development Ltd
VIVEK PODDAR (CONSTITUTED ATTOR
Director

SIGN. OF OWNER

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DAG NOS. – 1507, 1508, 1510, 1550, 1551, 1560, 1565, 1566, 1581, 1582, 1583, 1545, 1546, 1584, 1585, 1561, 1563, 1564, 1511, 1512, L.R. KHATIAN NOS. – 4612, 4613, MOUZA – JAFARPUR, J.L.NO – 9, UNDER P.S. – TITAGARH, DIST – NORTH 24 PARGANAS, HAVE BEEN PREPARED BY ME & CERTIFY THAT THE PLANS AND DRAWINGS COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016. 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

RAJKUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940

ADDRESS:
RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET (2ND. FLOOR), KOLKATA-16.

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.

DR. SANTOSH KUMAR CHAKRABORTY
B.C.E, ME. (Soil, Roorkee)
P.H.D (Foundation Engineer)
I.S.T.E, I.G.S, I.S.M.F.E (London)
G.T.E. of K.M.C. - 16/1, R.S.M. - 011(Class-1)
GTER/BKDA/10/00000
Consulting Geotechnical Engineer

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 Majumdar
B.C.E., M.C.E. (Struct)
ESE - 152/1 of CMC
STER/NKDA/10/00020
074/RJPSON/ESE/11-12

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+VII STORIED (25.0 MT. HT.) RESIDENTIAL BUILDING OF MAGNOLIA SPORTS CITY, L.R. DAG NOS. - 1507, 1508, 1510, 1550, 1551, 1560. 1565, 1566, 1581, 1582, 1583, 1545, 1546, 1584, 1585, 1561, 1563, 1564, 1511, 1512, L.R. KHATIAN NOS. - 4612, 4613, MOUZA - JAFARPUR, J.L.NO - 9, UNDER P.S - TITAGARH, DIST - NORTH 24 PARGANAS.

DATE	JOB. NO.	DEALT	CHECKED	SHEET NO.
06.11.17	ARCH/615/2016	SMRITI		02 OF 08
SCALE 1 : 50, 1:200, 1:600, 1:4000	ARCHITECT			
N	RAJ AGARWAL & ASSOCIATES 8B,ROYD STREET, KOLKATA-16			

FOR OFFICE USE ONLY

NOTE :

MEMO. NO. : WBFES/ 1061/ 17/ 24PGS(N)-RB/ 43/ 16(43/16)

FIRE SAFETY RECOMENDATION OF WEST BENGAL FIRE AND EMERGENCY SERVICES AS STATED IN MEMO NO. WBFES/ 1061/ 17/ 24PGS(N)-RB/ 43/ 16(43/16) DATED 17/02/2017 HAVE BEEN COMPLIED WITH THE ARCHITECTURAL DRAWING NAMELY PROPOSED (G+7) STOREYED BUILDING.

* MINIMUM WIDTH OF DRIVEWAY SHALL NOT LESS THAN 5 M. AND LOAD BEARING CAPACITY SHALL BE NOT LESS THAN 45 M.T.