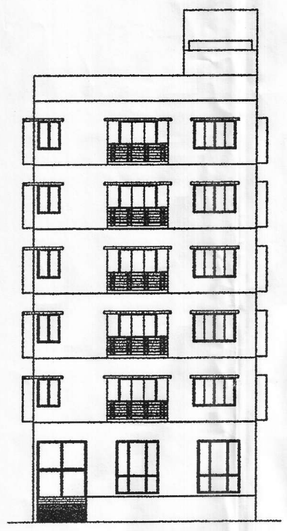
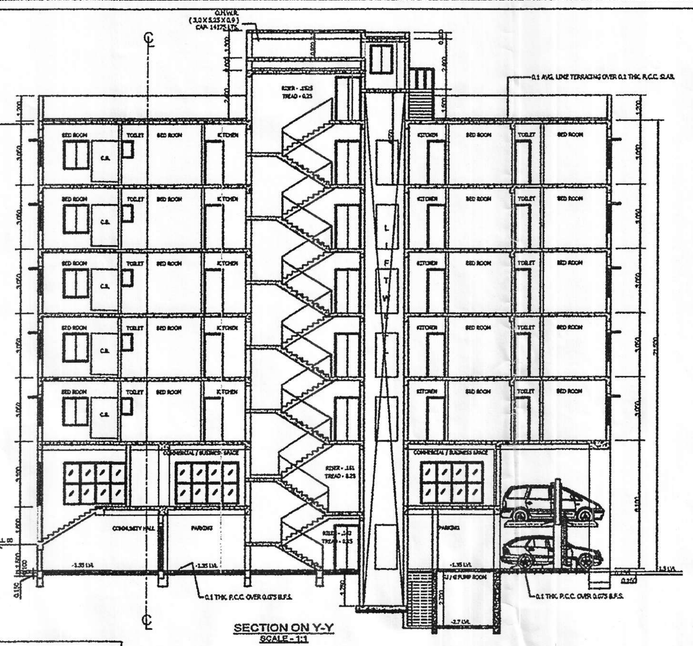
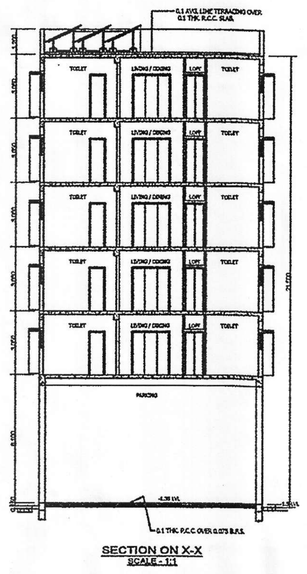


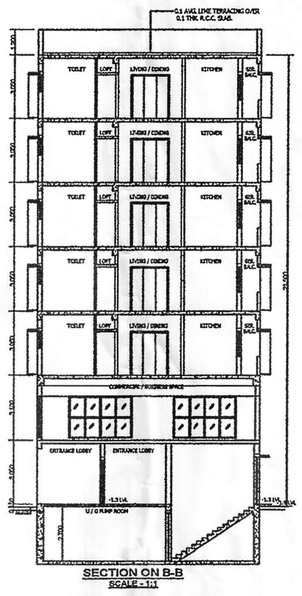
FRONT ELEVATION
SCALE : 1 : 1



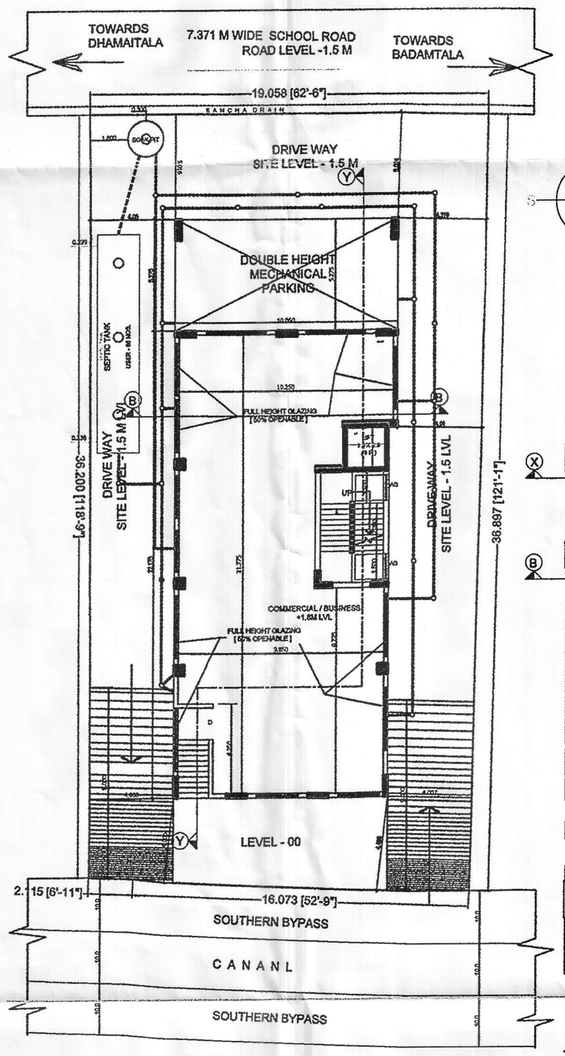
SECTION ON Y-Y
SCALE - 1:1



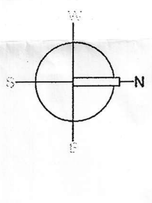
SECTION ON X-X
SCALE - 1:1

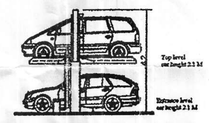


SECTION ON B-B
SCALE - 1:1

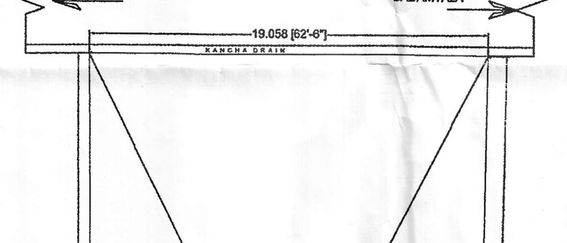


FLOOR-GROUND
UPPER GROUND FLOOR PLAN (+1.8 LVL.)
SCALE - 1:1

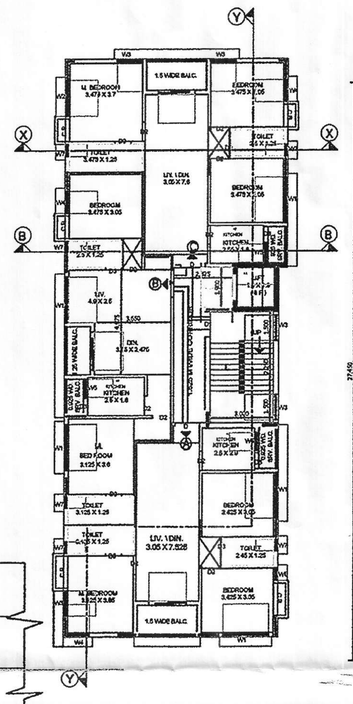




TYPICAL SECTION OF DOUBLE STACKING CAR PARKING



SITE PLAN
SCALE - 1:1



FLOOR-1, FLOOR-2, FLOOR-3, FLOOR-4, FLOOR-5-TYPICAL

TYPICAL FLOOR PLAN (1ST TO 5TH)
SCALE - 1:1

FLOOR-TERRACE

ROOF PLAN
SCALE - 1:1

AREA STATEMENT :-

BLOCK WISE AREA CALCULATION :-

FLOOR	A TOTAL AREA (SQ.M.)	B DUCT (SQ.M.)	C LIFT WELL (SQ.M.)	D STAIR DUCT (SQ.M.)	E ACTUAL AREA WITHOUT LIFTWELL & DUCT E = A-(B+C+D) SQ.M.	F MANDATORY STAIR AREA (INSIDE) RESI.	F COMMR.	G LIFT LOBBY AREA (SQ.M.)	H AREA EXCLUDING LIFT LOBBY& STAIR. (SQ.M.) I = E - (F+G)	I ACTUAL RESIDENTIAL AREA (SQ.M.)	J COMMERCIAL AREA (SQ.M.)	K COVERED CAR PARKING AREA & NO. REQUIRED	K PROVIDED	L LOFT & C.B. AREA 3 % OF FLOOR AREA PERMISSIBLE	L PROVIDED	M P.A.R. CALCULATION M = (H-K) / L. A.
LOWER-GROUND	285.332	-	-	-	285.332	15.75	-	2.851	266.731	-	-			-	-	
UPPER-GROUND	229.154	-	3.42	-	225.734	15.75	-	-	209.984	-	207.641			-	-	
1ST	285.332	-	3.42	-	281.912	15.75	-	2.851	263.311	248.399	-			8.559	8.3	
2ND	285.332	-	3.42	-	281.912	15.75	-	2.851	263.311	248.399	-			8.559	8.3	
3RD	285.332	-	3.42	-	281.912	15.75	-	2.851	263.311	248.399	-			8.559	8.3	
4TH	285.332	-	3.42	-	281.912	15.75	-	2.851	263.311	248.399	-			8.559	8.3	
5TH	285.332	-	3.42	-	281.912	15.75	-	2.851	263.311	248.399	-			8.559	8.3	
TOTAL AREA	1941.195	-	20.52	-	1920.675	110.25	-	17.106	1793.27	1241.995	207.641	13 NOS. 325.50 M	14 NOS. 165.231 SQ.M	42.795	41.5	1793.27 - 165.231 /668.896 2.433 < 3

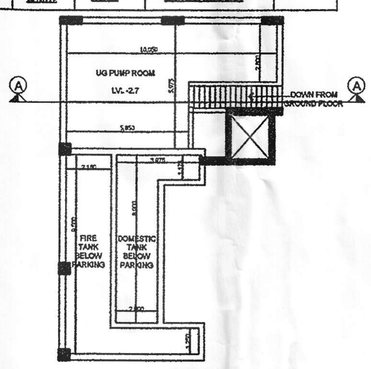
TOTAL AREA INCLUDING C.B. & LOFT = 1920.675 + 41.5 SQ.M. = 1962.126 SQ.M.

AREA CALCULATION :-

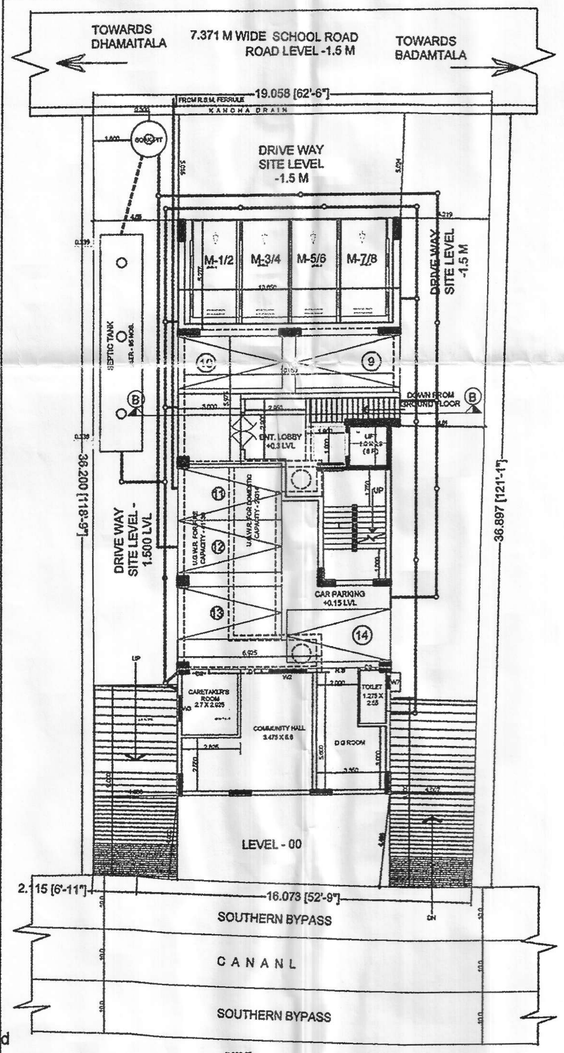
LAND AREA (AS PER DEED)	10 K - 00 CH - 00 SFT. = 7200 SQ.FT. = 668.896 SQ.M.
LAND AREA (AS PER PHYSICAL MEASUREMENT)	668.896 SQ.M
PER. GROUND COVERAGE (50%)	326.686 SQ.M
PROP. GROUND COVERAGE	285.332 SQ.M (43.75 %)
PERMISSIBLE F. A. R.	3
PROPOSED F. A. R.	2.433
PROPOSED BUILDING HEIGHT	20.0 M
SERVICE AREA(LOWER GR. FLOOR)	61.5 SQ.M.
SERVICE AREA(U / G)	60.454 SQ.M.
TOTAL SERVICE AREA	121.954 SQ.M.
NO. OF FLATS	15 NOS

PARKING AREA CALCULATION :-

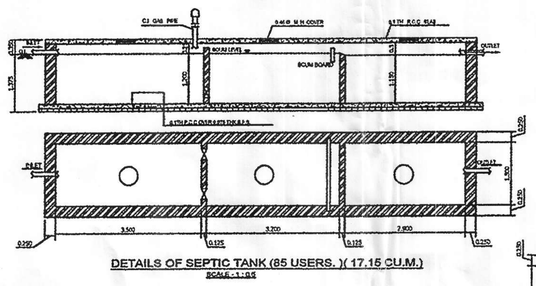
FLOOR	RESIDENTIAL AREA (SQ.M.)	COMMERCIAL AREA (SQ.M.)	REQUIRED PARKING	PARKING PROVIDED
LOWER-GROUND	-	-	FOR RESIDENTIAL AREA :- 1241.995 /120 = 10.349 SAY 10 NOS. (250 SQ.M.) FOR COMMERCIAL AREA :- FOR 50 SQ.M 1NO. (207.641 - 50) / 100 = 1.576 SAY 2 NOS. TOTAL = 3 NOS. (75 SQ.M.)	COVERED 14 NOS. 165.231 SQ.M.
UPPER-GROUND	-	207.641		
1ST	248.399	-		
2ND	248.399	-		
3RD	248.399	-		
4TH	248.399	-		
5TH	248.999	-		
TOTAL	1241.995	207.641	13 NOS. (325.0 SQ.M.)	



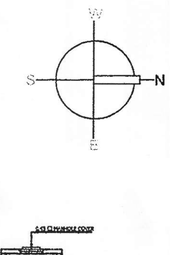
PLAN OF U / G PUMP ROOM ,
FIRE & DOMESTIC WATER RESERVOIR
SCALE - 1:50

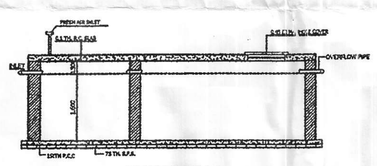


FLOOR-GF
LOWER GROUND FLOOR PLAN (-1.5 LVL.)
SCALE - 1:1

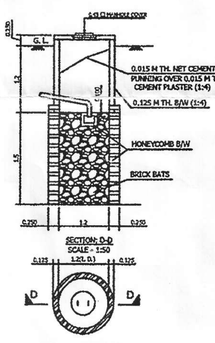


DETAILS OF SEPTIC TANK (85 USERS.) (17.15 CU.M.)
SCALE - 1 : 0.5

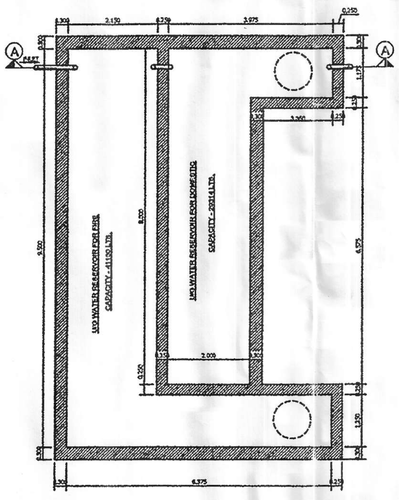




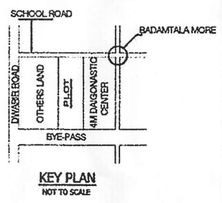
SECTION ON A-A



SOAK PIT DETAIL
SCALE - 1:0.5



PLAN
DETAILS OF U/G WATER RESERVOIR FOR FIRE & DOMESTIC
CAPACITY - 41130 LTS. (FIRE) & 29314 LTS (DOMESTIC)
SCALE - 1 : 0.5



KEY PLAN
NOT TO SCALE

PROPOSED LOWER GROUND (-1.5 LEVEL) + (G + V) STORIED RESIDENTIAL BUILDING OF L.R. DAG. NO.- 375; L.R. KHATIAN NO.- 1469, 1470; MOUZA - DHAMAITALA; J.L. NO.-75; HOLDING NO 199,SCHOOL ROAD; WARD NO.25; UNDER RAJPUR SONARPUR MUNICIPALITY P.S.-SONARPUR,DIST- 24 PARGANAS(SOUTH)

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METER UNLESS NOTED OTHERWISE
2. FIRST CLASS BRICKS SHALL BE USED FOR ALL 250 MM / 200 MM THICK OUTER WALLS IN CEMENT MORTER (1:6) AND 125 MM / 75 MM THICK INNER WALLS IN CEMENT MORTER (1:4)
3. H.B. WIRE NETTING SHOULD BE USED AT EVERY THIRD LAYER FOR 75 MM THICK WALLS
4. GRADE OF CONCRETE : ORDINARY CEMENT CONCRETE MIX (1:1.5:3) WITH 20 MM DOWN GRADED STONE CHIPS
5. GRADE OF STEEL : Fe-510
6. LAP LENGTH & COVER TO REINFORCEMENT SHOULD CONFORM TO LATEST EDITION OF I.S.: 456
7. PLASTERING:
   OUTSIDE - 15 MM THICK IN CEMENT MORTER (1:4)
   INSIDE - 20 MM THICK IN CEMENT MORTER (1:6) FOR 250 TH. WALL
   15 MM THICK IN CEMENT MORTER (1:6) FOR 200 TH. WALL
   CEILING - 10 MM THICK IN CEMENT MORTER (1:4)
8. DEPTH OF WATER RESERVOIR & SEPTIC TANK WILL NOT EXCEED THE DEPTH OF FOUNDATION

SCHEDULE OF DOOR & WINDOW

MKD.	OPENING (MM) (L X H)	TYPE
D1	1200 X 2100	WOODEN PANNELLED DOOR WITH COLLAPSABLE GATE
D2	900 X 2100	SINGLE LEAF WOODEN PANNELLED DOOR
D3	750 X 2100	SINGLE LEAF P.V.C. DOOR
W1	2.175 X 1.35	DOUBLE LEAF 1/3 GLAZED & 2/3 WOODEN PANNELLED OR FULLY GLAZED STEEL WINDOW
W2	1.7 X 1.35	
W3	1.2 X 1.35	
W4	1.05 X 1.35	
W5	0.85 X 1.2	
W6	0.60 X 1.35	
W7	0.55 X 0.8	SINGLE LEAF WOODEN OR STEEL GLAZED

SHEET TITLE:-
LOWER GROUND FLOOR , WATER RESERVOIR , SEPTIC TANK , SOAK PIT & SITE PLAN

ARCHITECT
Subir Kumar Basu
CONSULTING ARCHITECTS & ENGINEERS
4, BROAD STREET
KOLKATA -700019

-: OWNERS NAME :-
SUBIR KUMAR BASU
&
SUJATA BASU

CHANDI PROSAD KHANRA
E.S.E. (CLASS-1) 003
RAJPUR-SONARPUR MUNICIPALITY
NAME OF STRUCTURAL ENGINEER

JISHNU PAL
B.TECH (CIVIL), M.E. (GEO-TECH)
22/UP/SONU/G.T.-I
RAJPUR-SONARPUR MUNICIPALITY
NAME OF GEO-TECHNICAL ENGINEER

OFFICE USE ONLY.

Signature valid
Digitally Signed
Name: Dr. Partha Kumar Das
Date: 20-Jun-2024 15:38:57
Reason: Building Permit
Location: Rajpur-Sonarpur