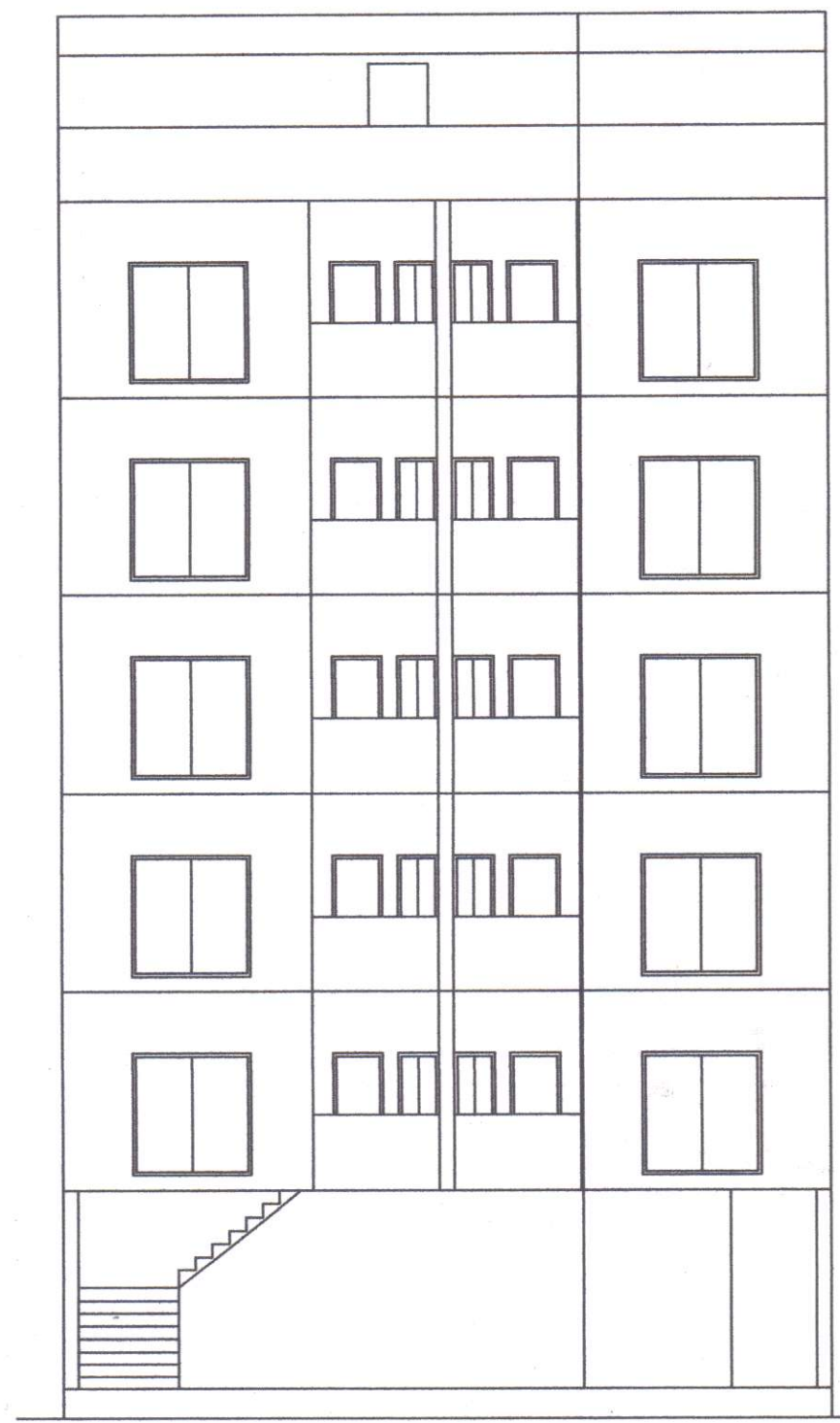
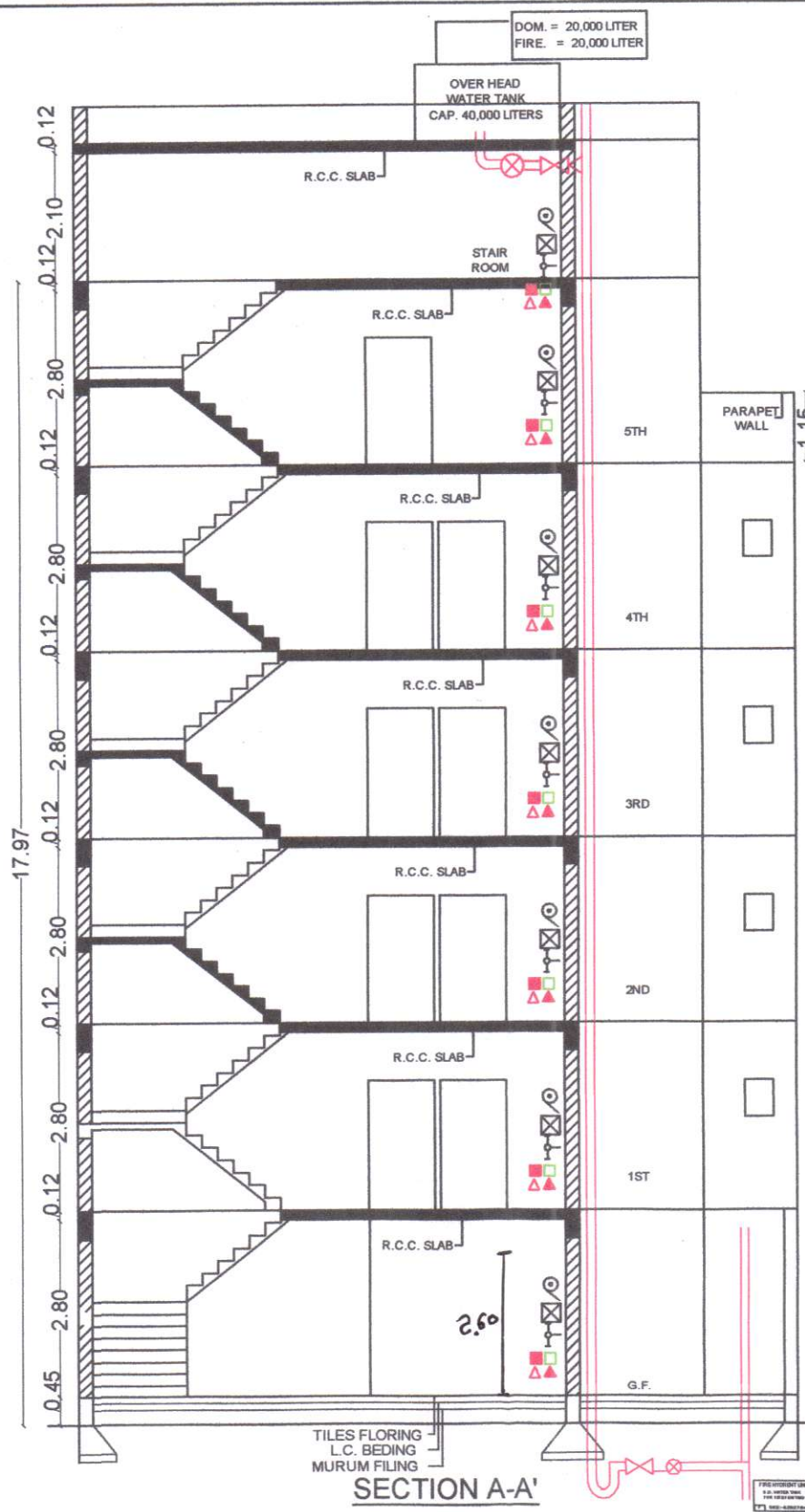
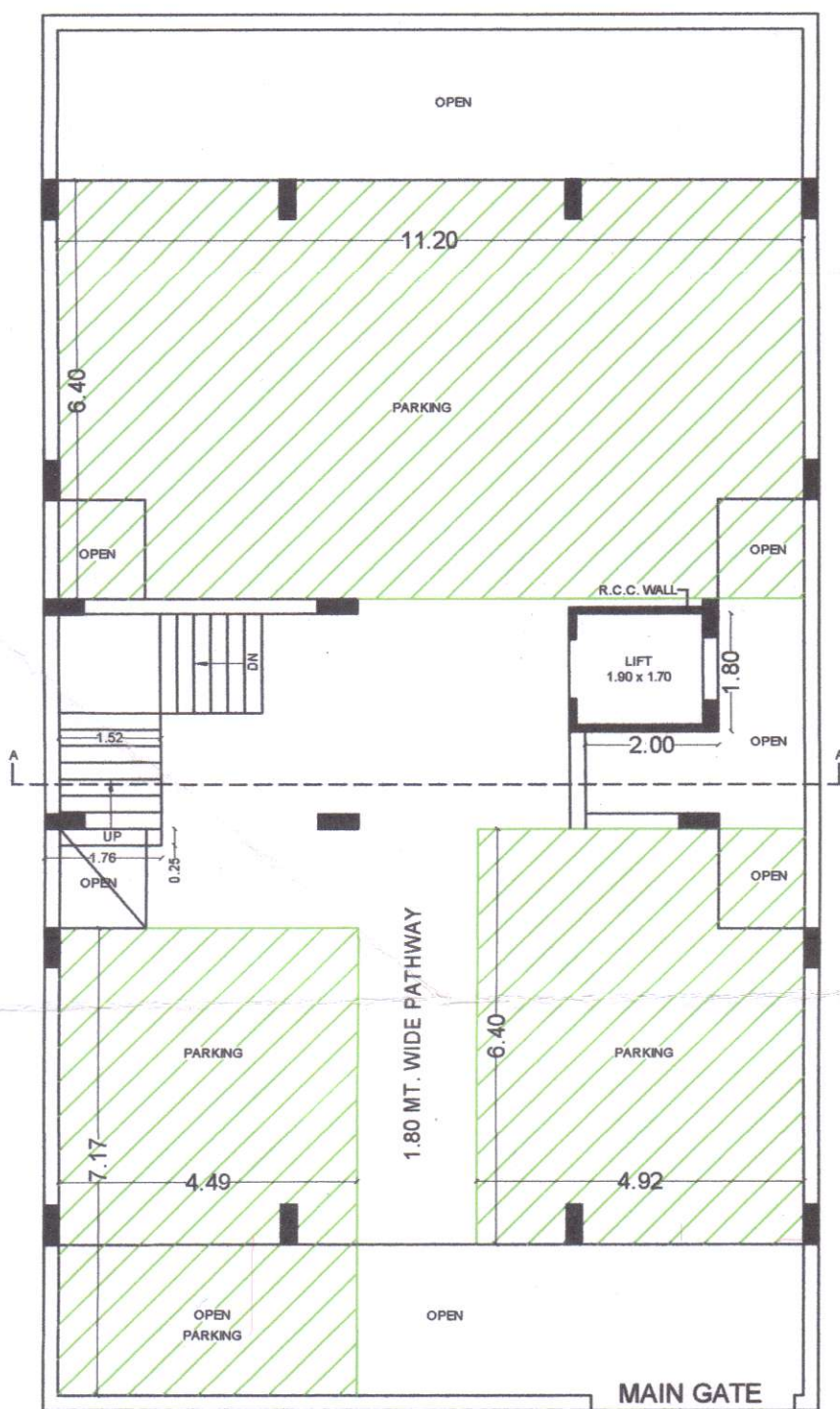




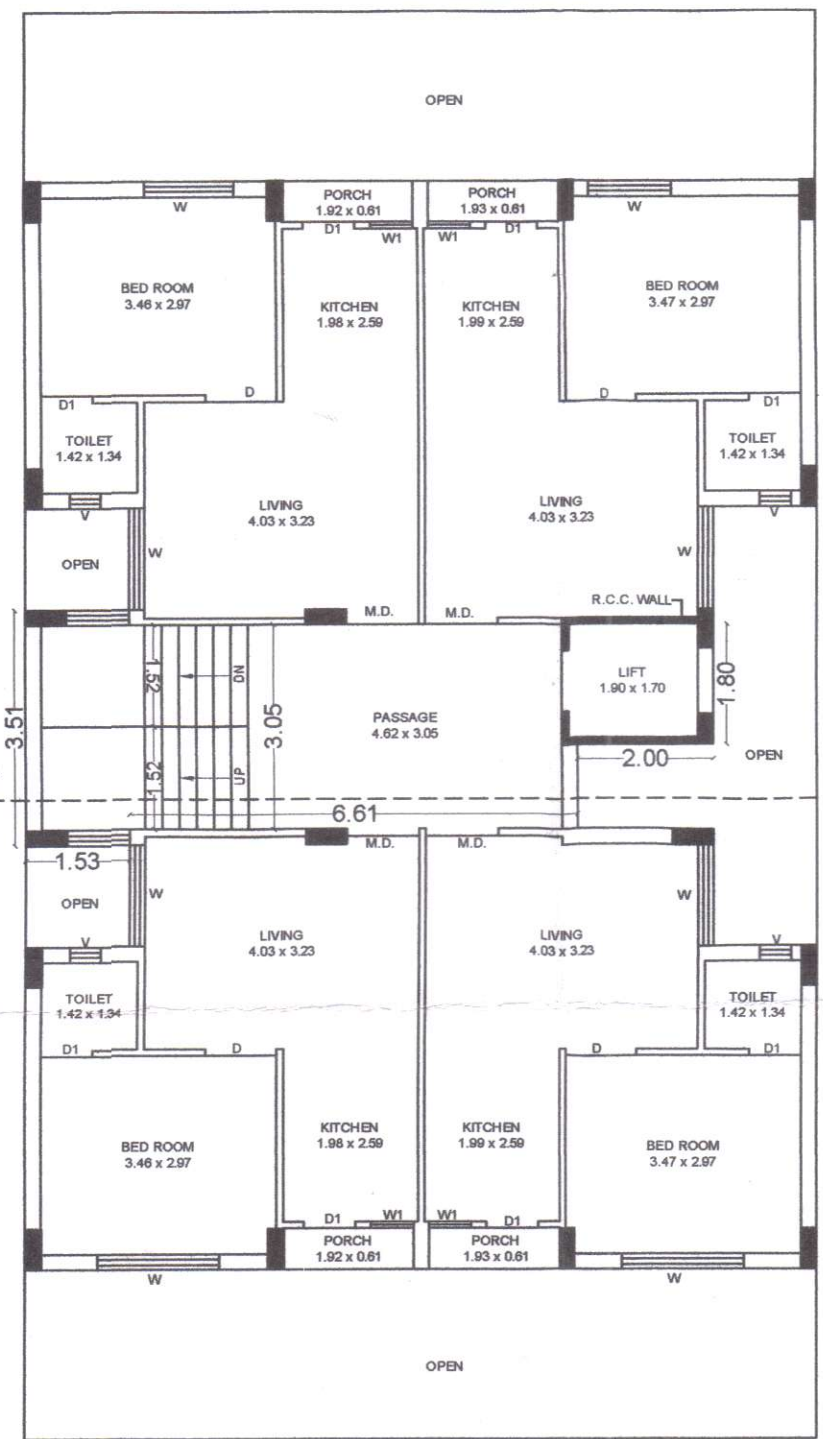
ELEVATION



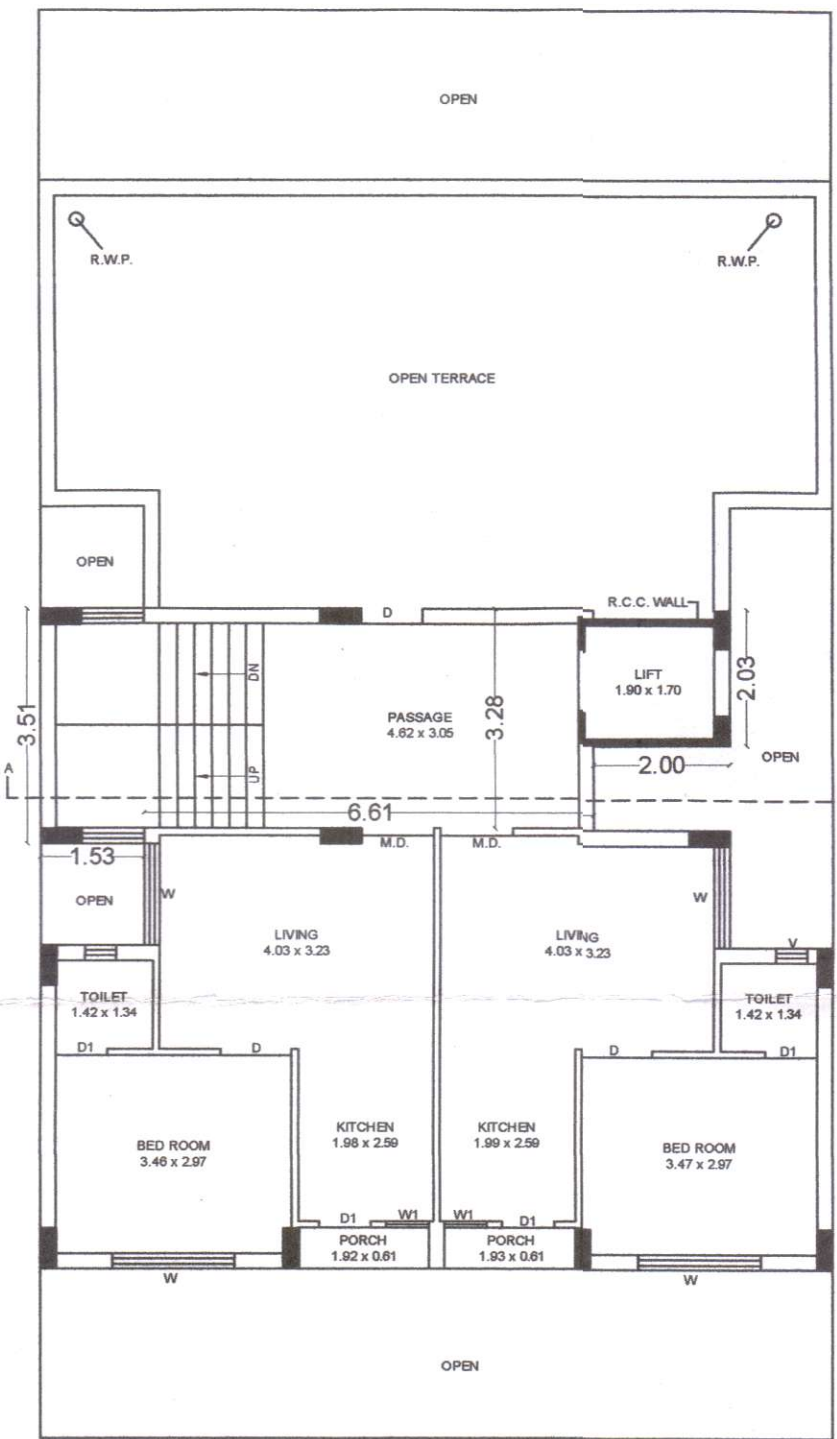
SECTION A-A'



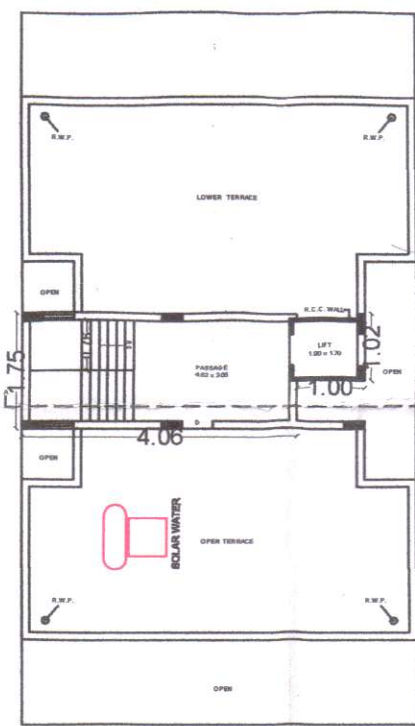
GROUND FLOOR PLAN
SCALE - 1:100



1ST TO 4TH FLOOR PLAN
SCALE - 1:100



5TH FLOOR PLAN
SCALE - 1:100



TERRACE FLOOR PLAN
SCALE - 1:100

(5) HYDRANT SYSTEM :-
ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET AT EACH FLOOR FOR THE MAIN FIRE-PUMP AT UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900LITERS PER MINUTE AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED. THE RISER FOR THE BUILDINGS EXCEEDING 18METERS HEIGHT SHOULD NOT BE OF LESS THAN 100MM INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A NRV TO ACT A DOWN-COMER. ONE RISER IS REQUIRED FOR EVERY 1000SQ. METERS FLOOR AREA AND IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH ALL THE FITTINGS AT EACH FLOOR LEVEL. EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 63MM DIA HOSE 25 MM BORE HOSE-REEL HOSE WITH 8MM SHUT-OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OR THE FLOOR HOSE-BOX WITH 15METERS LONG 63MM DIA HOSE AND 12.5MM BORE NOZZLE AT ALTERNATE FLOORS. THE HOSE-REEL HOSE SHOULD BE COUPLED TO THE RISER. FIRE SERVICE INLET SHOULD BE INSTALLED AT A POINT NEAR THE ENTRY TO THE PREMISES WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY. A PERMANENT HYDRANT POINT COMPRISING OF 63MM DIA SIZE 2NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL. OVERHEAD TANK REFILLING BYPASS CONNECTION SHOULD BE DONE AT THE TERRACE LEVEL. THE OVERHEAD TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 20,000LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1,00,000LITERS.

(2) FIRE LIFT :-
THE FIRE-LIFT AND ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE. EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE-LIFT AND IF THE BUILDING IS DIVIDED INTO A MORE PARTS THEN EACH PART SHOULD HAVE A FIRE-LIFT. LIFT-WELL SHOULD HAVE BLOWERS TO PRESSURIZE THE LIFT-WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATE, SO THAT IF PREVENTS THE LIFT WELL GETTING SMOKE LOGGED.

(3) FIRE ALARM :-
FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGHOUT THE BUILDING.

(4) FIRE EXTINGUISHERS :-
ONE CARBON DIOXIDE (CO₂) 2TYPE EXTINGUISHER OF 4.5KG WITH ISI MARK. AND ONE EXTINGUISHER OF 5KG DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER WITH ISI MARK TO BE INSTALLED ON EACH FLOOR IN CASE OF COMMERCIAL BUILDING.
ONE CARBON DIOXIDE (CO₂) 2TYPE EXTINGUISHER OF 4.5KG WITH ISI MARK. OR TWO CARBON DIOXIDE (CO₂) 2TYPE EXTINGUISHER OF 2KG CAPACITY ON EACH FLOOR AND 5KG DRY CHEMICAL POWDER (DCP) WITH ISI MARK TYPE EXTINGUISHER ON ALTERNATE FLOOR IN CASE OF RESIDENTIAL BUILDINGS. IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.

(5) STAIRCASE :-
THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTRE CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT FROM GETTING SMOKE LOGGED. THE RISER / DOWN - COMER SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.

(6) BASEMENT :-
THE BASEMENT OF 200SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLE HEAD FOR ACTUAL CAR PARKING SPACE. ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25MM BORE HOSE-REEL HOSES WITH 8MM BORE NOZZLES AT EACH BASEMENT LEVEL.

(7) LIGHTENING ARRESTER :-
A LIGHTENING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTENING STRIKES.

(8) PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S :-
IF THE BUILDING FALLS IN A CONFINED AREA OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S SHOULD BE DISPLAYED AT EACH FLOOR / LANDING / PATHWAY / DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST-AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD - END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.

(8) PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S :-
IF THE BUILDING FALLS IN A CONFINED AREA OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S SHOULD BE DISPLAYED AT EACH FLOOR / LANDING / PATHWAY / DEAD-END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST-AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD - END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.

(9) ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE - SAFETY SYSTEM :-
ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICAL SUPPLY. (I.E. FROM ELECTRICAL POWER SUPPLY OF THE COMPANY) THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF THE TIME OF FIRE.

(10) IMPORTANT INSTRUCTIONS :-
AFTER INSPECTION OF A LOW-RISE BUILDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM / SPRINKLER / DRENCHER ETC.) AS PER FIRE LOAD / FIRE RISK / PUBLIC GATHERING. POTENTIAL / OCCUPANCY / CONFINED AREA, THOSE ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE IMPLEMENTED / INSTALLED.

G.F TO 4TH FLOOR FLOOR B-UP AREA :-
11.66 X 4.87 = 56.78 sq.mt
8.61 X 1.53 = 13.17 sq.mt
10.14 X 2.03 = 20.58 sq.mt
1.53 X 1.48 = 2.26 sq.mt
6.61 X 3.00 = 19.83 sq.mt
2.00 X 1.75 = 3.50 sq.mt
11.66 X 4.88 = 56.90 sq.mt
TOTAL = 173.02 sq.mt

LESS IN F.S.I. G.F. TO 4TH FLOOR :-
2.00 X 1.80 = 3.60 sq.mt
3.05 X 6.61 = 20.16 sq.mt
1.53 X 3.51 = 5.37 sq.mt
TOTAL = 29.13 sq.mt

FSI. AREA 1ST TO 4TH FLOOR :-
173.02 - 29.16 = 143.86 sq. mt

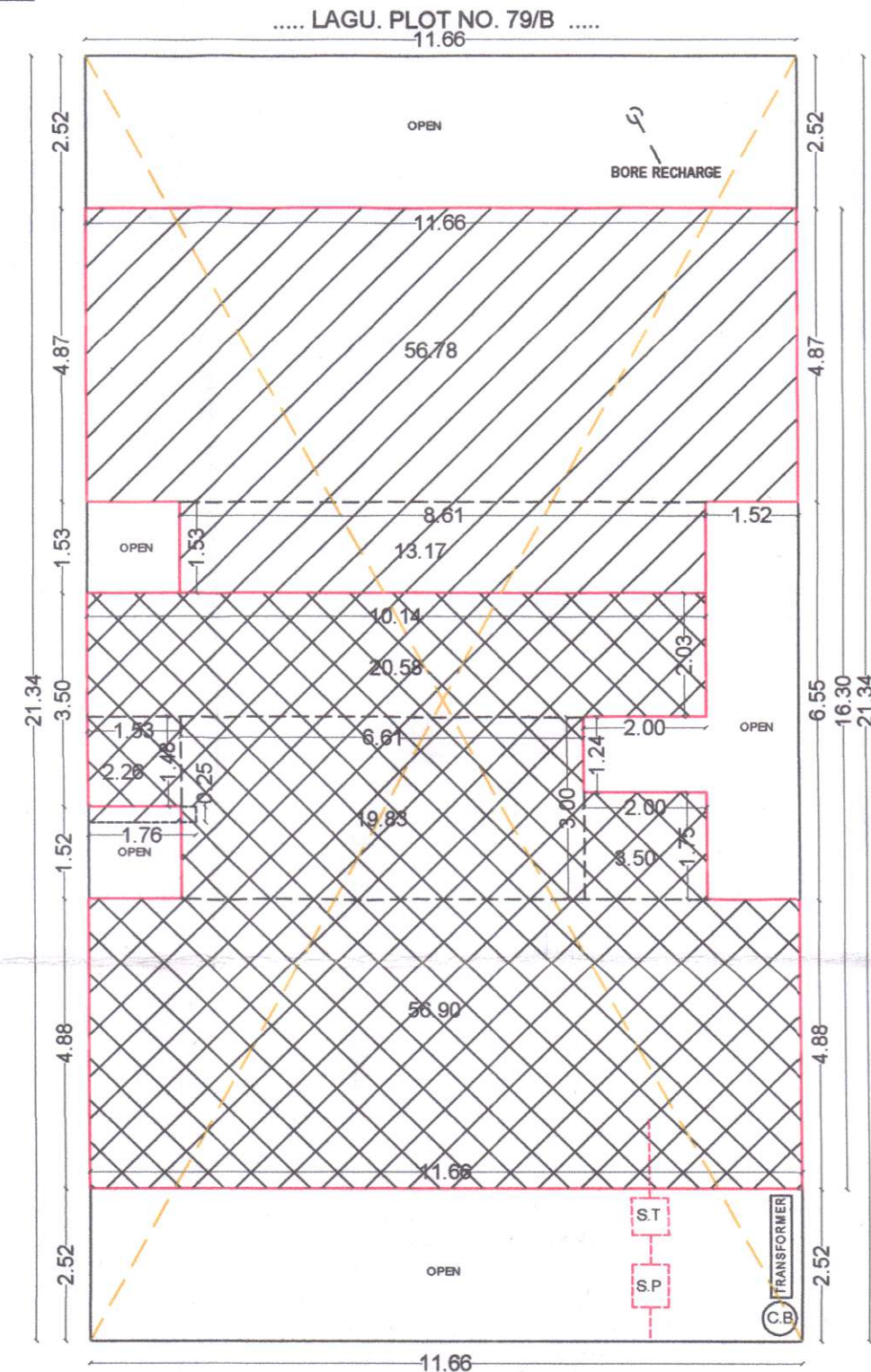
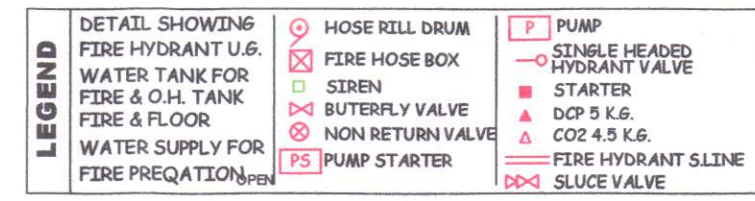
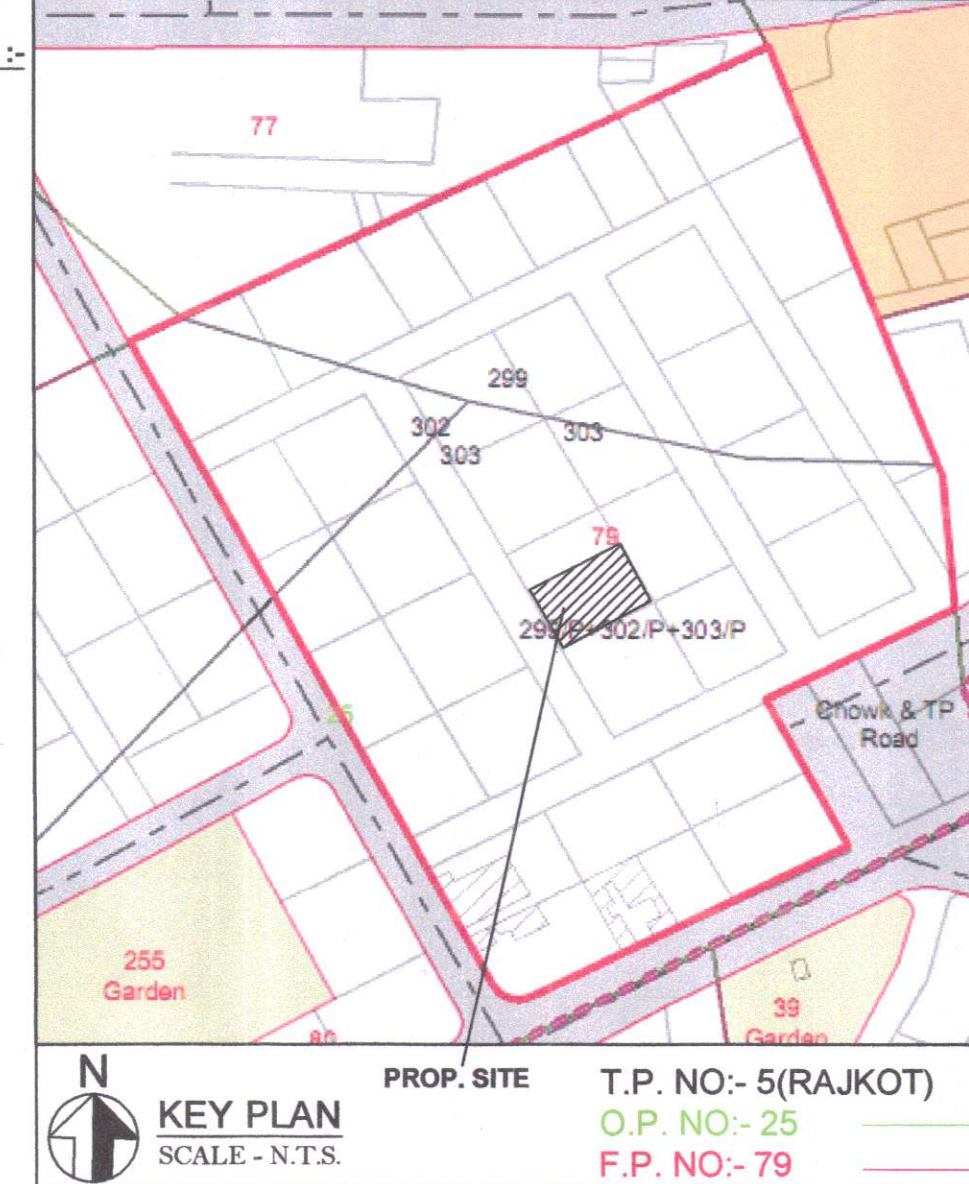
5TH FLOOR FLOOR B-UP AREA :-
10.14 X 2.03 = 20.58 sq.mt
1.53 X 1.48 = 2.26 sq.mt
6.61 X 3.00 = 19.83 sq.mt
2.00 X 1.75 = 3.50 sq.mt
11.66 X 4.88 = 56.90 sq.mt
TOTAL = 103.07 sq.mt

LESS IN F.S.I. 5TH FLOOR :-
2.00 X 2.03 = 4.06 sq.mt
3.28 X 6.61 = 21.68 sq.mt
1.53 X 3.51 = 5.37 sq.mt
TOTAL = 31.11 sq.mt

FSI. AREA 5TH FLOOR :-
103.07 - 31.14 = 71.93 sq. mt
STAIR ROOM :-
2.00 X 2.03 = 4.06 sq.mt
8.12 X 3.51 = 28.50 sq.mt

REQUIRED PARKING AREA :-
647.50 x 0.20 = 129.50 sq.mt
PROVIDED PARKING AREA :-
11.20 X 6.40 = 71.68 sq.mt
4.49 X 7.17 = 32.19 sq.mt
4.92 X 6.40 = 31.49 sq.mt

TOTAL = 131.91 sq.mt



SITE PLAN
SCALE - 1:100

NAME OF WORK DWELLING - 3
PROPOSED WORK :- RESIDENTIAL BUILDING
TYPE OF WORK:- FRAME STRU.
OWNER:- SMT. NAYNABEN RAMESHBHAI RATHOD
SHREE RAMESHBHAI VINUBHAI RATHOD
PLOT NO :- 82/B , SUR NO. :- 299,302&303/P,
T.P. NO:- 05 (RAJKOT) , F.P. NO:-79 , O.P. NO:-25
LOCATION:- BHARTINAGAR MAIN ROAD,RAJKOT
WARD NO. :- 17

AREA TABLE : AS PER DOCUMENT PLOT AREA :- 248.69 SQ. MT.
AS PER CALCULATION PLOT AREA :- 248.82 SQ. MT.

FLOOR	PROPOSED BUILT UP AREA (SQ.MT.)	LESS IN BUILT UP F.S.I. AREA (SQ.MT.)	TOTAL BUILT UP F.S.I. AREA (SQ.MT.)
G.F.	173.46	173.46	----
1st	173.02	29.13	143.89
2nd	173.02	29.13	143.89
3rd	173.02	29.13	143.89
4th	173.02	29.13	143.89
5th	103.07	31.11	71.96
STAIR	32.56	32.56	----
TOTAL	1001.17	353.21	647.52

F.S.I. USED = $\frac{647.52}{248.69} = 2.603 < 2.70$

* SCHEDULE FOR DOOR & WINDOW *	* LEGEND *	* STAIR *
MD = 1.22 x 2.00 D1 = 0.91 x 2.00 D2 = 0.75 x 2.00	V = 0.60 x 0.60 W = 1.51 x 1.22 W1 = 1.11 x 1.22	PLOT BOUNDARY > PROP. WORK LINE > DISMENTAL LINE >
		WIDTH :- 1.50 TREAD :- 0.25 RISER :- 0.18

OWNER:-

ENGINEER:-

HARDIK R. PATEL
HARDIK R. PATEL
Architecture & Interior Designer
"Shree Ram" 2-Gulabnagar,
Master Soc., 12 Corner, Rajkot.
RMC - LIC No. : EOR/1/353

ST. ENGINEER:-

KEYUR B. RAIYANI
KEYUR B. RAIYANI
(B.Tech. Civil)
STRUCTURE ENGINEER
RMC Lic. No.: SEOR-3/1/189
RUDA Lic. No.: SEOR-3/1/106
Rajkot, Man. 08298379330

AUTHORITY:-

The Boundaries of Plot
shown on this Plan are subject
to change and alteration by the
Town Planning Officer T.P.
Scheme, Rajkot.

કેવ.ઈ.નં. ૨૬૮ ર.શી.નં. ૨૬૮
તા. ૦૫/૦૩/૨૦૨૨ તા. ૨૨/૦૩/૨૦૨૨



તમો કરેલ વિકાસ પરવાનગીની અરજી અન્વયે કોમ નં. -૩ થી તમારા પરવાનગારે આપેલ પ્રમાણપત્ર મુજબ તમારી માલિકીની જગ્યાના હદ માપ / ચુલ્સીમા જાળવીને બાંધકામ કરવાનું રહેશે. તેમાં ચુક થયે સંપૂર્ણ જવાબદારી તમારી રહેશે.

OWNER'S COPY
APPROVED

AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corporation

અભિપ્રાય સુચના :-
તા. ૨૮/૫/૨૦૦૧ ના સરકારીના હુકમના મુજબ નં. ૭ મુજબના દરેક પ્રોજેક્ટ રીપોર્ટના સ્ટેજ મુજબ સ્થાનિક બાંધકામ દરમિયાન વપરાશમાં લેવામાં આવેલ બાંધકામ મંત્રીશ્રીએ જેવા કે સિમેન્ટ, સ્ટીલ તથા સિમેન્ટ કોન્ક્રીટનું માન્ય લેબોરેટરી દ્વારા પરીક્ષણ કરાવવું અને પરીક્ષણના રીપોર્ટ કમ્પ્લીશન સર્ટીફિકેટ અરજ સાથે ફરજિયાતપણે સામેલ રાખવાના :-