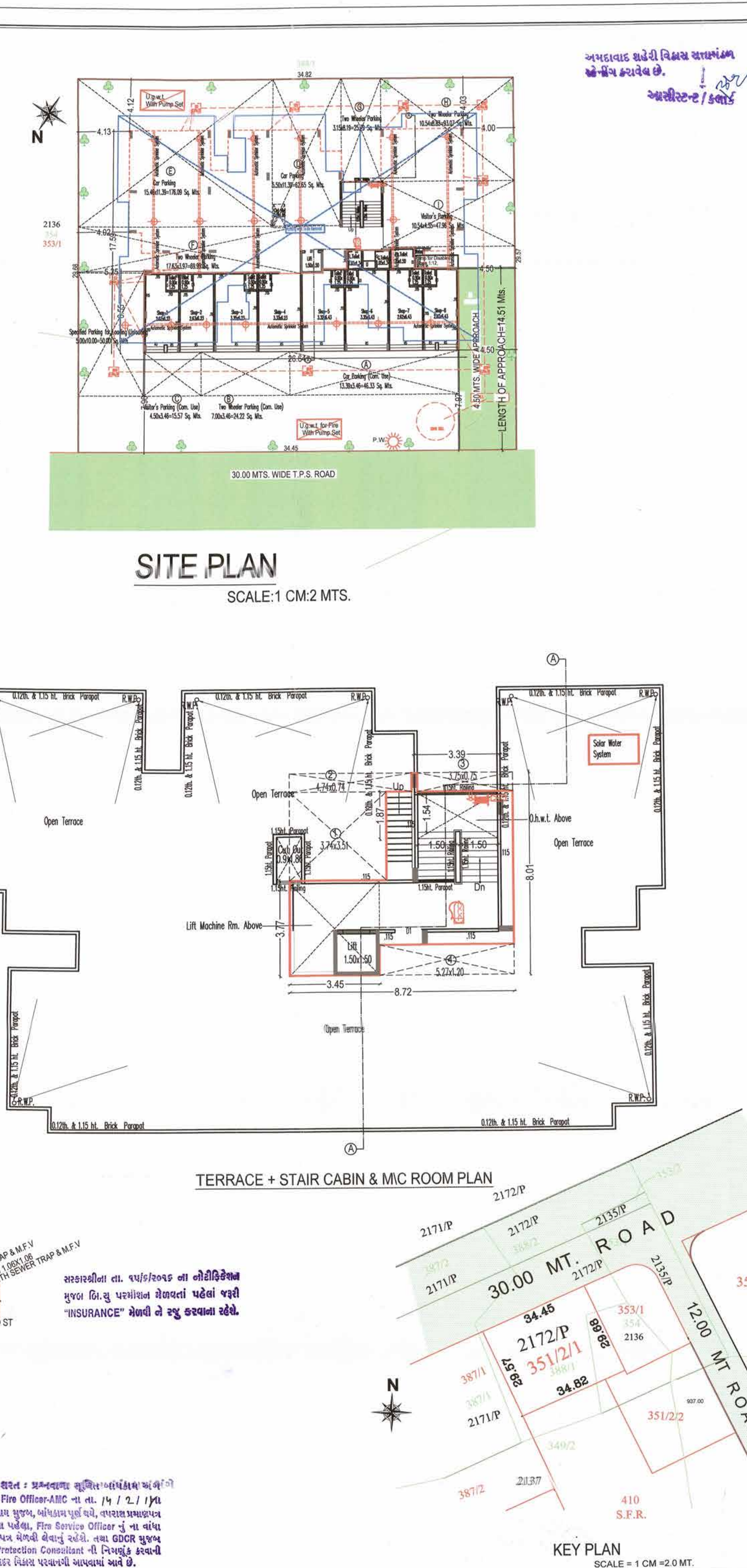
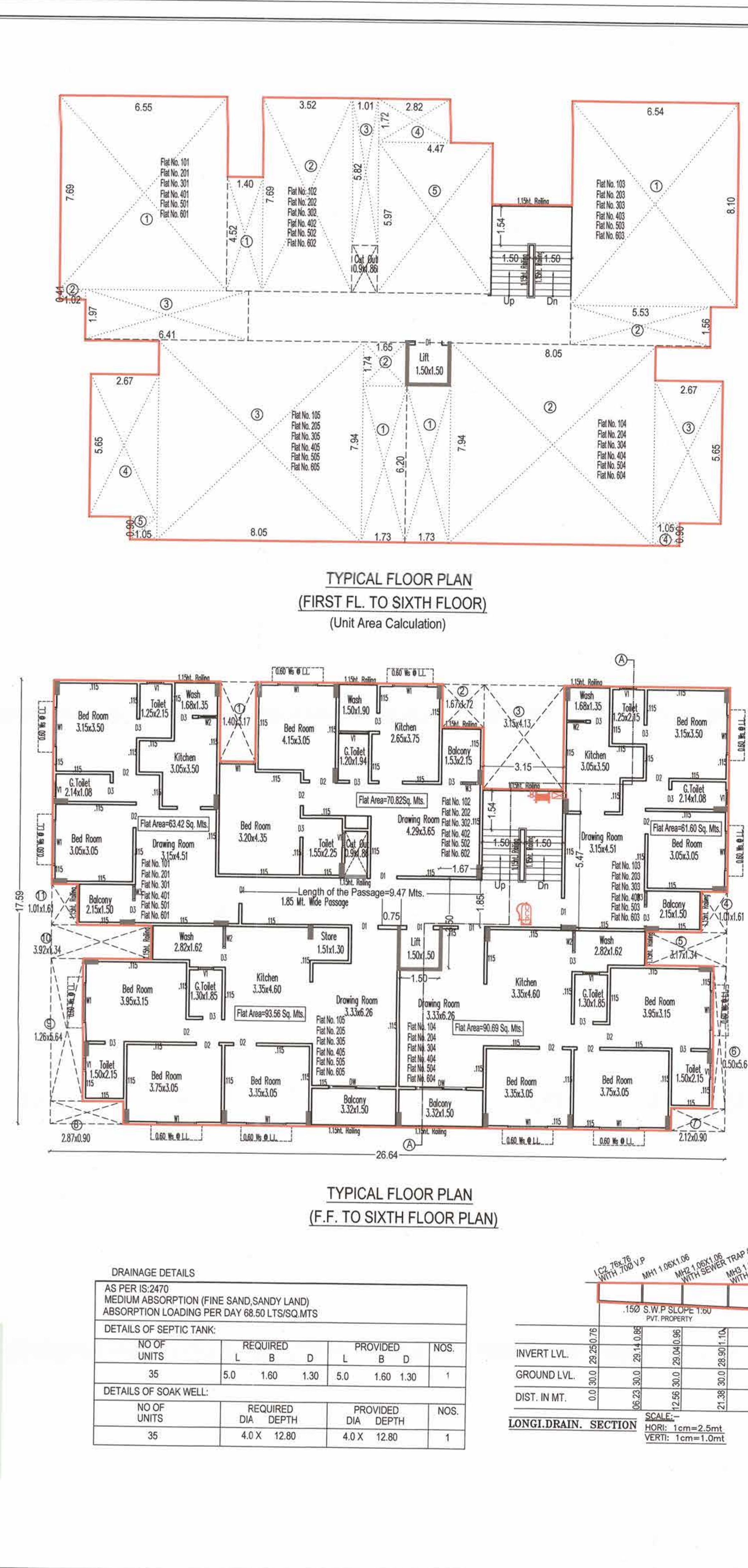
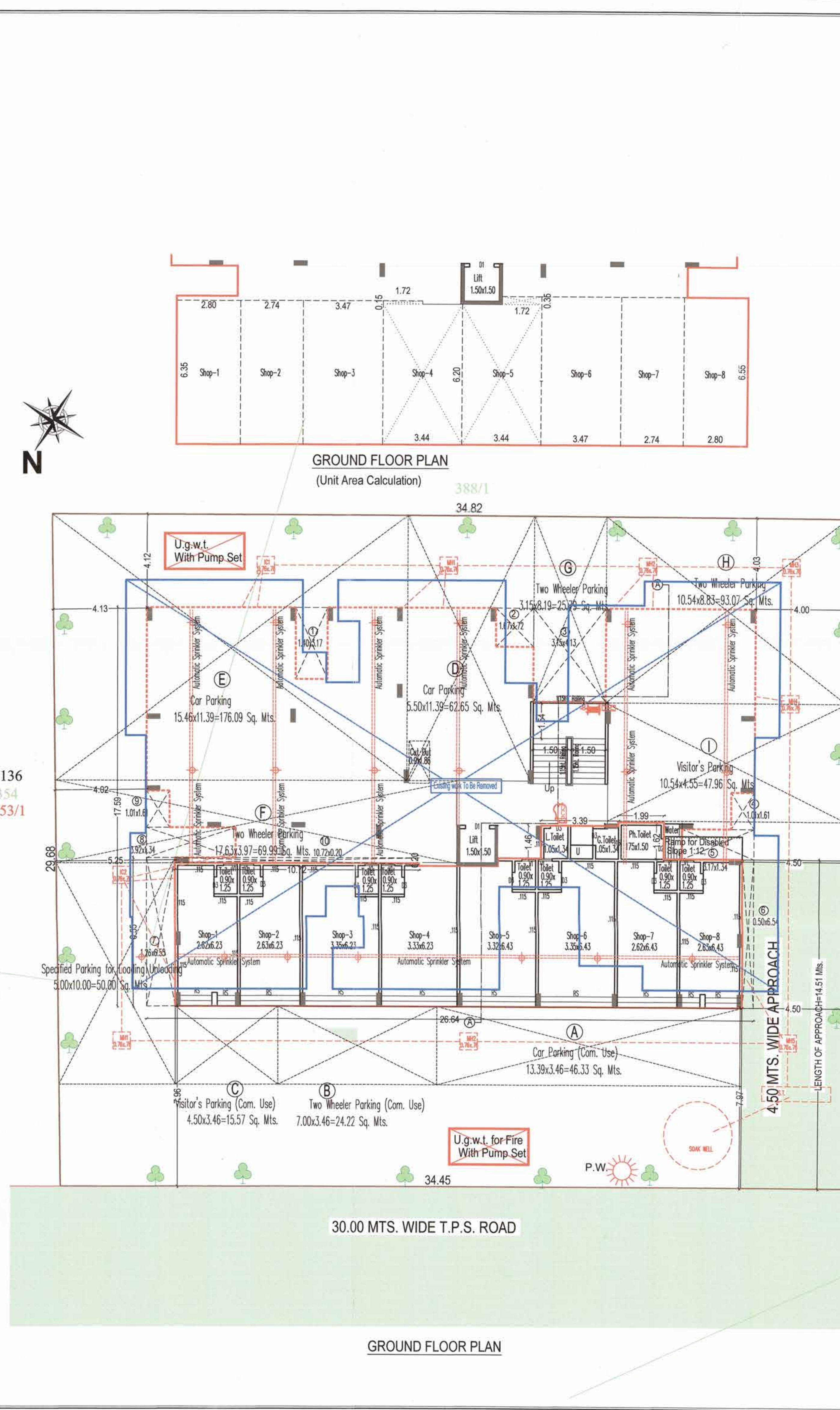




THE BASIC REQUIREMENTS PROV. FOR FIRE PROTECTION OF HIGH RISE BUILDINGS IN AMC & AUDA AREA-	
1. HYDRANT SYSTEM:-	
ON/OFF Switches located near the hose reel hose or hydrant outlet, at each floor for the main Fire Pump at the under ground water tank with a capacity to discharge 900 Ltrs at 3 bar pressure as measured at the terrace level should be installed. The riser for the building exceeding 18 meters and above 16 meters height should not be of less than 100 mm internal diameter. The rear should be connected to the bottom of the terrace tank with a stop valve and NRV to act as a Down-cum-one. One riser is required for every 1000 sq.m. floor area and if the building is divided into two or more parts then each part must have a separate riser with all the Each floor should have one hydrant outlet with a coupling for attaching a 83 mm dia. hose and 25 mm bore hose reel hose with 8 m S.S. Size of nozzle at each floor level. The length of the hose reel hose should be enough to reach the farthest corner of the floor. Hose box with 15 meters long 83 mm dia. nozzle and 12.5 mm bore, nozzles at alternate floors. The hose reel hoses should be coupled to fire service inlet should be installed at a point near the entrance of the premises where a Fire service vehicle can approach easily. A permanent hydrant point consisting of 63 mm dia size 2 nos. of hydrant valves with 2 m x 1 m ceiling bypass section should be done at the terrace level. Overhead tank shall be of a capacity of not less than 20,000 litres. The underground tank shall be of not less than 1,00,000 litres.	
2. FIRE LIFT:-	
The Fire Lift/Lift shafts like should have a provision to ground automatically in case of electricity failure. Every building should have at least one lift as a Fire Lift and if the building is divided into two or more parts then each part should have a Fire Lift. Lift-well should always have blowers to pressurize the lift-well so connected that it will automatically operate when alarm call point is operated, so that it 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 throughout the building.	
4. FIRE EXTINGUISHERS:-	
One Carbon Dioxide(CO₂) type extinguisher of 4.5 kg. with IS mark and one extinguisher of 5 kg. Dry Chemical Powder (DOP) type extinguisher to be installed on each floor in case of commercial buildings. One Carbon Dioxide(CO₂) type extinguisher of 4.5 kg. with IS mark and Two Carbon Dioxide(CO₂) type extinguisher 5 kg. with IS mark capacity on each floor and 5 kg. Dry Chemical Powder (DOP) type extinguisher with IS mark on alternate floors in case of residential buildings. In case of divided into two or more parts then each part should have extinguishers installed.	
5. STAIR CASE:-	
Fire staircase has to be open from atleast one or two sides but if the staircase is in the centre core of the building it has to be protected to prevent from getting smoke logged. The stairwell door cannot be locked in the staircase or close to it to make it easily accessible in case of Fire from floor below or above.	
6. BASEMENT:-	
The Basement of 200 sq. m. or more should be protected with Automatic Sprinkler system with at least sprinkler head for actual Car Parking space. Additionally be protected by a hydrant outlet and two 25 mm bore hose reels with 8 mm. bore nozzles at each basement level.	
7. LIGHTENING ARRESTER:-	
A lightning arrestor should also be installed and be properly earthed to prevent damage to the building when the lightning strikes.	
8. PHOTO LUMINESCENT(AUTO GLOW) SIGNAGES:-	
If the building falls in confined area or the luminescent auto glow signs are not well lit up on the outside, then adequate photo luminescent (auto glow) signages should be displayed at each floor landing/pathway/dead-end and along all exit routes leading to the ground level. The signage should indicate the following, i.e. safety first aid and other safety equipment present on the respective floor/landings/pathways/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 the lift should be made available from 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 at a time of fire.	
LEGENDS:-	
	1) FIRE HYDRANT SYSTEM PIPE MAIN
	2) SINGLE HANDIER HYDRANT VALVE
	3) SLUICE VALVE
	4) TWO WAY SAME CONNECTION
	5) RISE ON/OFF
	6) NON RETURN VALVE
	7) REDUCER
	8) FIRE HOUSE BOX

TOTAL UNIT AREA CALCULATION		SQ. MTS.
Step No.1 = 2786.35 = 17.78		
Step No.2 = 2746.35 = 17.40		
Step No.3 = 3476.35 = 22.03		
Step No.4 = 3446.20 = 21.33 / 21.59		
- 1780.55 = 0.86		
- 1760.35 = 21.33 / 21.93		
- 1760.35 = 0.80		
Step No.6 = 3476.55 = 22.73		
Step No.7 = 2746.55 = 17.95		
Step No.8 = 2986.55 = 18.34		
Net Unit Area = 159.75		

Flat No.101 To 601	
(1) - 556.69 = 50.37	
(2) - 1020.41 = 0.42	
(3) - 6161.97 = 19.83	
Net Unit Area = 63.42	

Flat No.102 To 602	
(1) - 1404.52 = 6.33	
(2) - 3507.69 = 27.07	
(3) - 1016.82 = 5.88	
(4) - 2507.72 = 4.85	
(5) - 4745.97 = 26.69	
Net Unit Area = 70.82	

Flat No.103 To 603	
(1) - 656.10 = 52.97	
(2) - 5531.56 = 8.63	
Net Unit Area = 61.60	

Flat No.104 To 604	
(1) - 1736.20 = 10.73	
(2) - 8607.94 = 63.92	
(3) - 2516.65 = 15.09	
(4) - 1864.65 = 0.95	
Net Unit Area = 90.69	

Flat No.105 To 605	
(1) - 1736.20 = 10.73	
(2) - 8607.94 = 22.87	
(3) - 8607.94 = 63.92	
(4) - 2516.65 = 15.09	
(5) - 1864.65 = 0.95	
Net Unit Area = 93.56	

TOTAL UNIT AREA CALCULATION		SQ. MTS.
TYPICAL FLOOR		
Flat No.101,201,301,401		63.42
Flat No.102,202,302,402		70.82
Flat No.103,203,303,403		61.60
Flat No.104,204,304,404		90.69
Flat No.105,205,305,405		93.56
UNIT AREA/FLOOR		380.09

REG. LETTER BOX FOR PROP. BLDG.
 REG. LETTER BOX 1 AS PER UNITS
 PROP. UNIT NO.3 PROVIDED LETTER BOX 3@ GR. FL.
REG. DUST BIN FOR PROP. BLDG.
 REG. DUST BIN 20 LITRS/NO SQ.MTRS. CARPET AREA
 12883 CUST DRYING ROOM = 4528 LITRS
 NOS.DUST BIN MANUAL SOLIDS CAPACITY
 4528 LITRS/NO + 5.66 NOS.DUST BIN
 6 NOS PROVIDED SUBD REG.

PERCOLATION WELL CALCULATION	
PLOT AREA = 1+027.00 SQ.MTRS.	
REQ. PERCOLATION WELL SQ TO 150 SQ.MTS/THINGS.	
PROVL. PERCOLATION WELL= 1.0 (INOS)	

LIFT AREA CAL.
 REQUIRED LIFT = MINIMUM 1 FT FOR HT>10.MTS. & <25 MT OR 1 LIFT PER 20 DWELLING UNITS (EXCLUDING G+2)
 UNIT CAL FOR 20 UNITS:
 THIRD FLOOR = 5 UNITS
 FOURTH FLOOR = 5 UNITS
 FIFTH FLOOR = 5 UNITS
 SIXTH FLOOR = 5 UNITS
 TOTAL UNITS = 20 UNITS
 REQUIRED LIFT = 1 LIFT, PROVIDER LIFT = 1 LIFT

आज्ञा पत्र
 मंगळ महोदय आसतो त्यासाठी अहमदनगर नगरपालिका
 आयुक्त कार्यालय येथील अधीनस्थ अधिकारी यांच्या
 मार्फत आपल्या वतीने खालीलप्रमाणे प्रत्यक्षपणे सुचलेली
 परवानगी देण्यात येते.

परवानगीचे स्थान: मंगळ महोदय यांचा निवासस्थान
 परवानगीचे विवरण: मंगळ महोदय यांचा निवासस्थान
 परवानगीचे दिनांक: २०७३ च्या १५ व्या एप्रिल रोजी

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 परवानगी देण्यात येते.

**Final Plot boundary and
allotment of final plot is
verified by
Town Planning Officer**

The permission is valid only in the DP/TPS remains unaltered and further that the permission shall stand revealed as soon as there is change in DP/TPS with reference to the land under reference.

[illegible]

PLAN SHOWING PROP. RESI.+COM. BLDG.
ON F.P. NO. 351/2/1 ON SUR NO. 2104/A OF
T.P. NO. 1(BAREILJA) DRAFT
MOJE-BAREILJA, TAL-DASCROI, DIST.-AHD.

SCALE: 1 CM = 1 MT.

SCALE: 1 CM = 1 MT.

ZONE-RES-I

USE-SHOP-RESIDENCE

BUILT UP AREA TABLE

AREA OF F.P. NO. 351/2/1	PROPOSED B.A. G.F.	OPEN AREA

SQ.MT. TOTAL

1027.00
424.02
602.98

F.S.I. AREA TABLE

AREA OF F.P. NO. 351/2/1	PERM. FSI (1:1.8)	PROP. FSI GROUND FL.	PROP. FSI FIRST FL.	PROP. FSI SECOND FL.	PROP. FSI THIRD FL.	PROP. FSI FOURTH FL.	PROP. FSI FIFTH FL.	PROP. FSI SIXTH FL.	TOTAL F.S.I. USED	PAYMENT F.S.I. USED

SQ.MT. TOTAL

1027.00
1845.60
189.01
392.02
392.02
392.02
392.02
392.02
2921.65
873.05

PAYMENT F.S.I. AREA TABLE

AREA OF F.P. NO. 351/2/1	PERM. FSI (1:1.8)	PERM. PAYMENT FSI (1:0.9)	PAYMENT F.S.I. USED

SQ.MT. TOTAL

1027.00
1845.60
924.30
873.05

TOTAL B.A. TABLE

PROP. B.A. GROUND FLOOR	PROP. B.A. FIRST FLOOR	PROP. B.A. SECOND FLOOR	PROP. B.A. THIRD FLOOR	PROP. B.A. FOURTH FLOOR	PROP. B.A. FIFTH FLOOR	PROP. B.A. SIXTH FLOOR	PROP. B.A. STAIR CABIN	PROP. B.A. LIFT MC ROOM	TOTAL B.A.

SQ.MT. TOTAL

424.02
420.67
420.67
420.67
420.67
420.67
420.67
44.09
19.34
3011.47

TENANANT AND FL. AREA TABLE

FLOOR	USE	EQ.TANT.	CM. RES.	FL. AREA	CM. RES.
GROUND	SHOP	8	--	159.75	--
FIRST	RES.	--	5	--	380.09
SECOND	RES.	--	5	--	380.09
THIRD	RES.	--	5	--	380.09
FOURTH	RES.	--	5	--	380.09
FIFTH	RES.	--	5	--	380.09
SIXTH	RES.	--	5	--	380.09
TOTAL	SHOP-RES.	8	30	159.75	2280.54

SCHEDULE OF OPENING

D1 0.9 X 2.13
D2 0.78 X 2.13
W1 2.04 X 1.20
W2 1.68 X 1.20
V1 600X 4.95

R.C.C STAIR DETAIL

130 MT. WIDE
2.91 MT. DEPTH
0.17 MT RISER

COLOR NOTE

- PLOT BOUNDARY
- PROPOSED WORK
- EXISTING WORK
- DRAINAGE
- COMMUNITY BIN
- TREE PLANTATION
- RECREATION WELL
- EXISTING WORK TO BE REMOVED

SCHEDULE OF OPENING

D1 0.9 X 2.13
D2 0.78 X 2.13
W1 2.04 X 1.20
W2 1.68 X 1.20
V1 600X 4.95

R.C.C STAIR DETAIL

130 MT. WIDE
2.91 MT. DEPTH
0.17 MT RISER

OWNER

MAHENDRA KOSHTI
B.E.Civil, PGDDBM (Finance)

AUDA ER LIC. NO. 287
AUDA, SED LIC. NO. 3071/0392
AUDA COW LIC. NO. COW/1478

* Harsh Bangulwale, J. Shril Vihar Society,
Vishnubai Road, Ghume, AHMEDNAD-380055.

DEVELOPERS

MAHENDRA KOSHTI
B.E.Civil, PGDDBM (Finance)

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ENGINEER

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C.O.W.

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