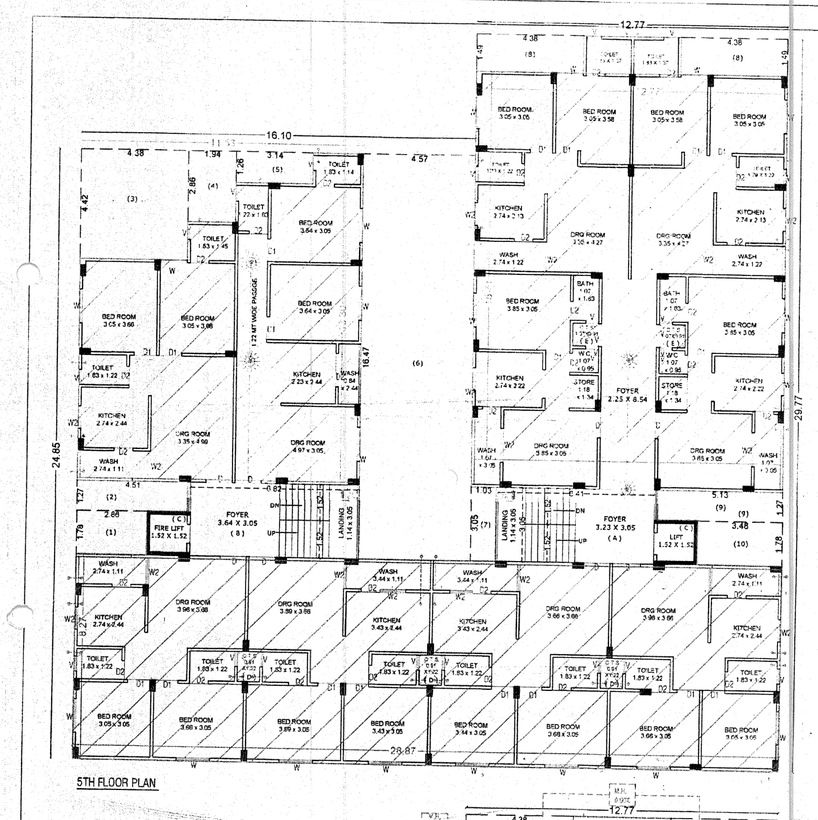
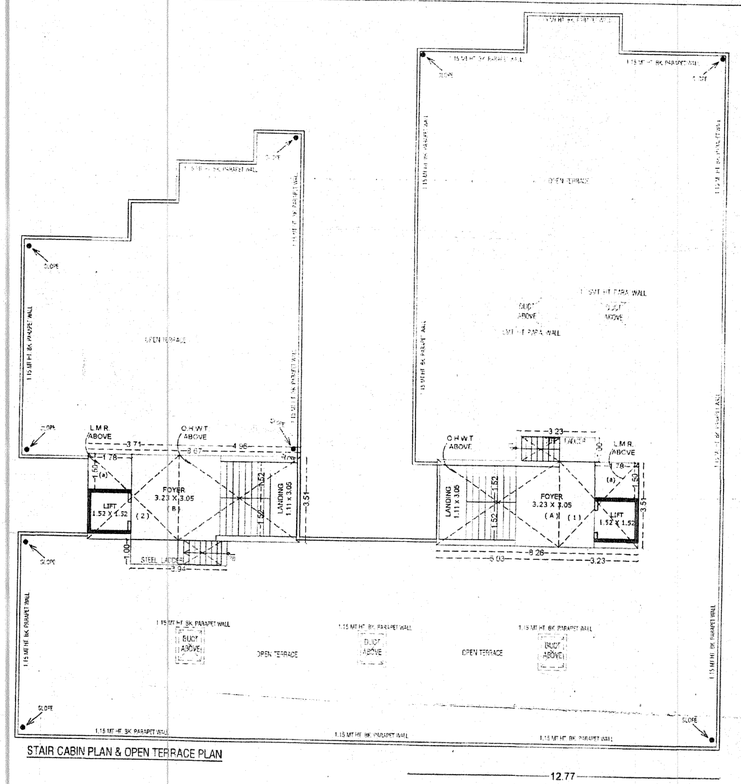
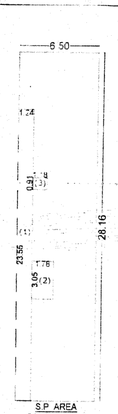
APPrOved Building plan



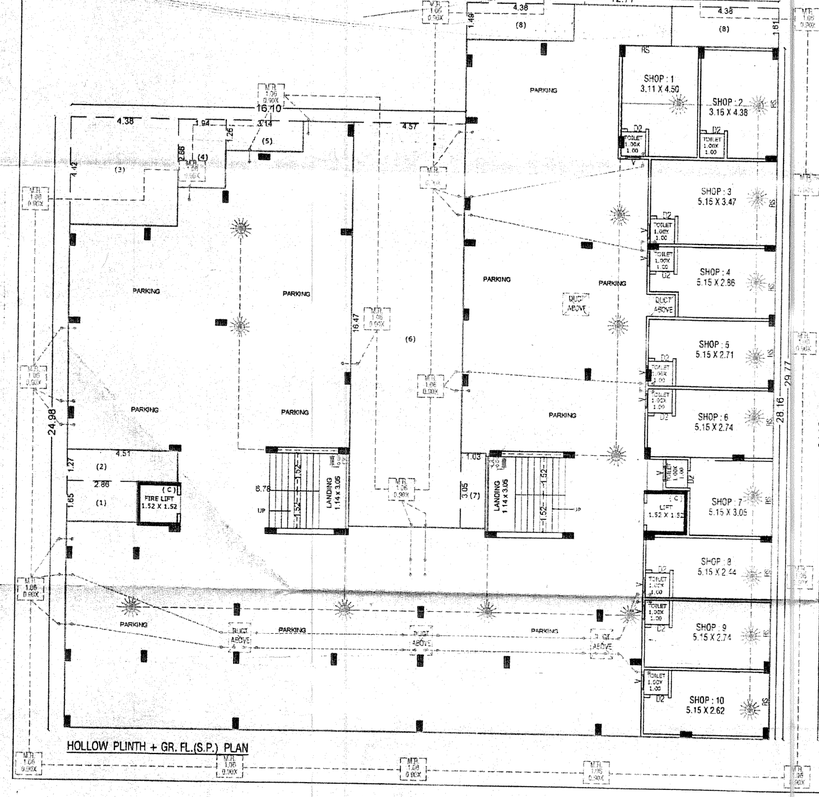
5TH FLOOR PLAN



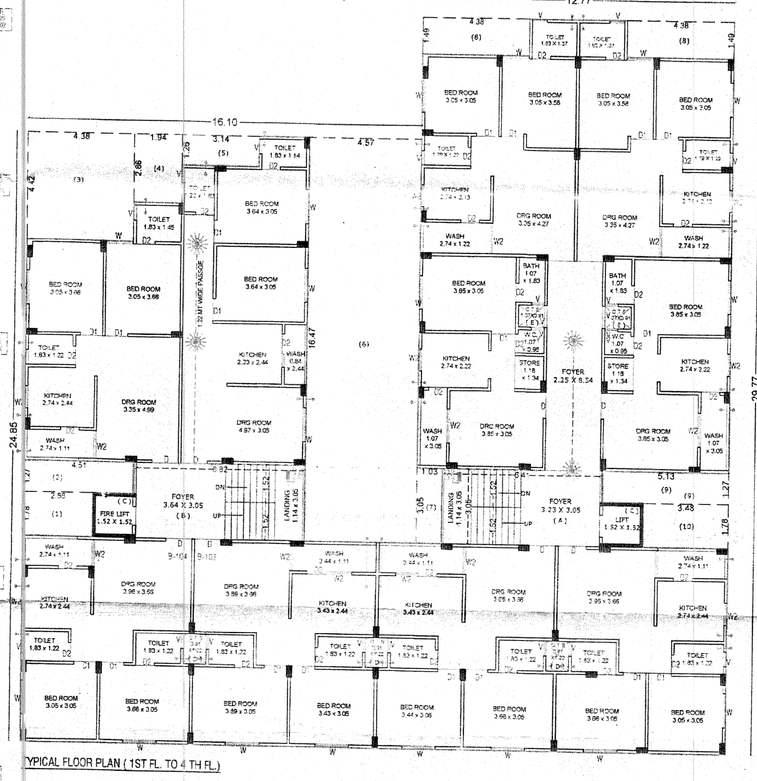
STAIR CABIN PLAN & OPEN TERRACE PLAN



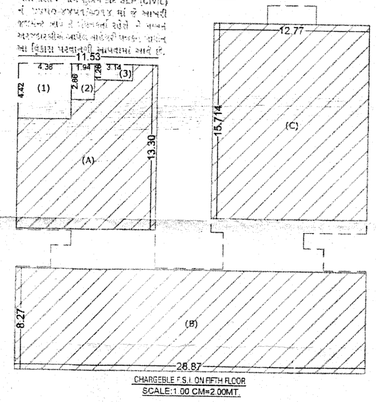
S.P. AREA CALCULATION
SCALE:1.00 CM=2.00MT.



HOLLOW PLINTH + GR. FL.(S.P.) PLAN



TYPICAL FLOOR PLAN (1ST FL. TO 4 TH FL.)



CHARGEBLE F.S.I. ON FIFTH FLOOR
SCALE:1.00 CM=2.00MT.

BUILT UP AREA CAL. ON GR. FL. S.P.(COMM.) + H.P

O/O 16.10 X 24.85 X 1 = 400.09 SQ.MTS
O/O 12.77 X 29.77 X 1 = 380.16 SQ.MTS
TOTAL = 780.25 SQ.MTS

LESS:
(1) 2.86 x 1.65 x 1nos = 4.72
(2) 4.51 x 1.27 x 1nos = 5.73
(3) 4.38 x 4.42 x 1nos = 19.36
(4) 1.94 x 2.86 x 1nos = 5.55
(5) 3.14 x 1.25 x 1nos = 3.93
(6) 4.57 x 16.47 x 1nos = 75.27
(7) 1.03 x 3.05 x 1nos = 3.14
(8) 4.38 x 1.49 x 2nos = 13.05
TOTAL = 130.78

780.25 - 130.78 = 649.47 SQ.MTS
NET BUILT UP AREA ON S.P. + H.P = 649.47 SQ.MTS.

BUILT UP AREA CAL. ON GR. FL. S.P.(COMM.)

O/O 8.50 X 28.16 X 1 = 183.04 SQ.MTS
LESS:
(1) 1.24 x 23.55 x 1nos = 29.20
(2) 1.78 x 3.05 x 1nos = 5.43
(3) 1.18 x 2.91 x 1nos = 3.43
TOTAL = 35.70

183.04 - 35.70 = 147.34 SQ.MTS
NET BUILT UP & F.S.I. AREA ON S.P. = 147.34 SQ.MTS.
BUILT UP AREA CAL. ON H.P.
649.47 - 147.34 = 502.13 SQ.MTS

BUILT UP AREA CAL. ON TYPICAL FL. (1ST FL. TO 5TH FL.)

O/O 16.10 X 24.85 X 1 = 400.09 SQ.MTS
O/O 12.77 X 29.77 X 1 = 380.16 SQ.MTS
TOTAL = 780.25 SQ.MTS
LESS:
(1) 2.86 x 1.65 x 1nos = 4.72
(2) 4.51 x 1.27 x 1nos = 5.73
(3) 4.38 x 4.42 x 1nos = 19.36
(4) 1.94 x 2.86 x 1nos = 5.55
(5) 3.14 x 1.25 x 1nos = 3.93
(6) 4.57 x 16.47 x 1nos = 75.27
(7) 1.03 x 3.05 x 1nos = 3.14
(8) 4.38 x 1.49 x 2nos = 13.05
(9) 5.13 x 1.27 x 1nos = 6.52
(10) 3.48 x 1.78 x 1nos = 6.20
TOTAL = 143.49

780.25 - 143.49 = 636.76 SQ.MTS
NET BUILT UP AREA ON TYPICAL FL.
(1ST TO 4TH FL.)=636.76 SQ.MTS.

F.S.I. AREA CAL. ON TYPICAL FLOOR
NET BUILT UP AREA TYPICAL = 641.24 SQ.MTS
LESS: STAIR :- (A) 5.41 x 3.05 x 1nos = 16.55
(B) 8.62 x 3.05 x 1nos = 26.30
LIFT + FIRE LIFT :- (C) 1.52 x 1.52 x 2nos = 4.62
O.T.S :- (D) 0.92 x 1.22 x 3nos = 3.37
(E) 1.07 x 0.91 x 2nos = 1.95
TOTAL = 50.29
NET F.S.I. AREA ON TYPICAL FLOOR
636.76 - 50.29 = 586.47 SQ.MTS

BUILT UP AREA CALCULATION ON STAIR CABIN
(A) 8.26 X 3.51 X 1 NOS = 28.99 SQ.MTS
(B) 8.67 X 3.51 X 1 NOS = 30.43 SQ.MTS
ST.LEADER : 3.85 x1.00 x 2nos = 07.70 SQ.MTS
TOTAL = 67.12 SQ.MTS
LESS: (B) 1.78 x 1.50 x 2nos = 5.34
TOTAL = 5.34
NET BUILT UP AREA ON STAIR CABIN
67.12 - 5.34 = 61.78 SQ.MTS

BUILT UP AREA CAL. ON LIFT MACHINE ROOM
(1) 3.23 X 3.51 X 1 NOS = 11.34 SQ.MTS
(2) 3.71 X 3.51 X 1 NOS = 13.02 SQ.MTS
NET BUILT UP AREA ON LIFT MACHINE ROOM
= 24.36 SQ.MTS

BUILT UP AREA CALCULATION ON O.H.W.T
(1) 5.03 X 3.51 X 1 NOS = 17.65 SQ.MTS
(2) 4.96 X 3.51 X 1 NOS = 17.41 SQ.MTS
= 35.07 SQ.MTS

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 UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900 LITERS PER MINUTE AT 3BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.

THE RISER FOR THE BUILDINGS EXCEEDING 18 METERS HEIGHT SHOULD NOT BE OF LESS THAN 100 MM INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A NRV TO ACT AS A DOWN-COMER.

ONE RISER IN REQUIRED FOR EVERY 1000 SQ.METERS FLOOR AREA AND IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPERATE 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. 22MM BORE HOSE-REEL HOSE WITH 8MM SHUT-OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE-BOX WITH 18 METERS 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.

THE OVERHEAD TANK SHALL BE OF A CAPACITY F NOT LESS THAN 50,000 LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS.

2) FIRE LIFT
THE FIRE-LIFT AND ALL THE LIFTS SHOULD HAVE A PROVISION TO GROUND AUTO-MATICALLY IN CASE OF ELECTRICITY FAILURE. EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRELIFT AND IF THE BUILDING IS DIVIDED INTO TWO OR 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 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 ALL THROUGHOUT THE BUILDING.

4) FIRE EXTINGUISHER:
ONE CARBON DIOXIDE (CO2)TYPE EXTINGUISHER OF 4.5 Kg. AND ONE EXTINGUISHER OF 9Kg. DRY CHEMICAL POWDER (DCP)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 EXTINGUISHER 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 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 SPRINKLER HEAD FOR EACH PARKING SPACE.
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 22MM 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.

LEGENDS.
1) FIRE HYDRANT SYSTEM FIRE MAIN
2) SINGLE HANDED HYDRANT VALVE.
3) SLUICE VALVE
4) TWO WAY SIAMESE CONNECTION
5) RISE ON DROP.
6) NON RETURN VALVE
7) REDUCER
8) FIRE HOUSE BOX
9) HOSE REEL HOUSE
10) DCP & CO-2
11) HYDRANT VALVE
12) SMOKE DETECTOR
13) WATER SPRINKLER

CASE NO :
PERMI NO :
SHEET NO : 3/4

PLAN SHOWING PROPOSED RESI. & COMMERCIAL BUILDING ON
SUR NO - 199 , F.P. NO - 108 , O.P. NO - 168 , T.P.S NO. - 6 (KALOL-SAU -BORISANA)
AT :- KALOL TA :- KALOL , DIST:- GANDHINAGAR.

SCALE 1.00 CM = 1.00 MT	TYPE
ZONE -	RESIDENCE-I
USE	RESIDENCE + COMM.

AREA TABLE

FLOOR	USE	UNITS	FLOOR AREA	F.S.I.AREA	BUILT UP AREA
H.PLINTH	PARKING	-	-	-	502.13
GROUND (S.P)	COMM	10 shop	117.87	147.34	147.34
1ST	RESIDENCE	10	469.18	586.47	636.76
2ND	RESIDENCE	10	469.18	586.47	636.76
3RD	RESIDENCE	10	469.18	586.47	636.76
4TH	RESIDENCE	10	469.18	586.47	636.76
5TH	RESIDENCE	10	469.16	586.47	636.76
STAIR CABIN	CABIN	-	-	-	61.78
LIFT MACH. RM	L. M. R.	-	-	-	24.36
O.H.W.T.	WATER TANK	-	-	-	35.07
TOTAL	-	50 nos + 10shops TOTAL = 60 UNITS	2453.77	3079.69	3954.48

SCHEDULE OF OPENING

DOOR	WINDOW	VENTILATION
D = 1.06 X 2.10	RS = 2.86 X 2.10	V = 0.60 X 0.60
D1 = 0.90 X 2.10	W = 1.52 X 1.20	
D2 = 0.75 X 2.10	W1 = 1.22 X 1.20	
	W2 = 0.90 X 0.90	
	DW = 1.50 X 2.10	

R.C.C STAIR DETAIL
WIDTH = 1.22 MT
TREAD = 0.25 MT
RISER = 0.16 MT

COLOUR NOTE
PROP. WORK
PROP. DRAINAGE

GENERAL NOTES
- ALL OUTER & INTER WALL AREA OF 0.11 MT THICK BRICK WALL.
- 0.07 MT Ø CIP WITH VP SHALL BE PROVI FOR BATH & KIT.
- 0.10 MT Ø CIP WITH VP SHALL BE PROVI FOR TOI.
- ALL VERANDAH & BALCONIES & TERRACE PARAPET WALL ARE OF 0.11 MT.
- THICK & 1.15 MT. HT. R.C.C. WALL .

CAL. CHARGEBLE F.S.I. ON FIFTH FLOOR.
(A) 11.50 x12.30 x 1nos = 141.45
LESS AREA:-
(1) 4.38 x 4.42 x 1nos = 19.36
(2) 1.94 x 2.86 x 1nos = 5.55
(3) 3.14 x 1.25 x 1nos = 3.93
TOTAL = 28.84
153.35 - 28.84 = 127.48 SQ.MTS
(B) 28.87 x 8.27 x 1nos = 238.75
(C) 12.77 x15.74 x 1nos = 200.88
NET CHARGEBLE F.S.I. ON FIFTH FLOOR
127.48 + 238.75 + 200.88 = 567.09 SQ.MTS

HASMUKHBHAI B. PATEL.
11, B, ISHWAR KRUPA SOCIETY.
PANCHVATI, KALOL
REG. NO. AUDA/DEV/811
DEVELOPER

SUBODH MILENDU D.
(DCE)
AUDA COW LIC.NO. : TP 590,
103, Mangla Flats, 9, Vithal Patel Colony,
S.P. Stadium, Navrangpura,
Ahmedabad - 380014.
OWNER — C.O.W.

SUBODH MILENDU D.
(DCE)
Regi No. AUDA/ENG/1864
103, Mangla Flats, 9, Vithal Patel Colony,
S.P. Stadium, Navrangpura,
Ahmedabad - 380014
ENGINEER

JIGISH D. PARIKH
B.E. (CIVIL)
STR. LIC. NO. AUDA/SD4/0066
34,35, 3rd Floor, Raj-Ami Complex,
13, Amin Society, Nr. S. P. Colony,
Naranpura, Ahmedabad-380 014.
Valid up to: 08/11/2018
ST. ENGINEER

Final Plan boundary and allotment of Plots is Subject to Variation by Town Planning Officer

Owner is fully responsible For open marginal Space and road line Portion.

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

APPROVED
As amended by Red (Colour) Subject to the condition as mentioned in this office, Letter PRM No. 5/2017/2316
Dated 04 FEB 2017
for Approved

DISPATCH BY

Assistant Town Planner
Ahmedabad Urban Development Authority
Ahmedabad.

Senior Town Planner
Ahmedabad Urban Development Authority
Ahmedabad.

AUTHORITY