

LAY-OUT PLAN SHOWING PROPOSED

DEVELOPMENT PERMISSION FOR RESIDENTIAL

AFFORDABLE HOUSING BUILDINGS ON F.P.NO:77

O.P. No.: 77 B/ SR No.:307/p ,of T.P.S.NO.: 13 (VAVOL)

VILLAGE: VAVOL TA.& DIST.: GANDHINAGAR

SCALE : 1.00 CM = 2.00 MT

ZONE :R:4

UNIT : RES = 24

USE :- RESIDENTIAL AFFORDABLE HOUSING (RAH) (dwelling:3)
(APPARTMENT)

AREA TABLE	AREA IN SQMT
AREA OF SR/BLOCK No.: 307/p	1029.00
AREA OF O.P. No.: 77	1029.00
AREA OF F.P.NO.: 77 (35%)	669.00

BUILTUP AREA TABLE	TOTAL
GROUND FLOOR (H.P)	335.55
FIRST FLOOR	335.55
SECOND FLOOR	335.55
THIRD FLOOR	335.55
FOURTH FLOOR	335.55
FIFTH FLOOR	335.55
SIXTH FLOOR	335.55
STAIR CABIN&O.H.W.T & MACHINE	71.14
TOTAL PROPOSED BUILTUP AREA AREA	2419.99

1.MAX. PER. F.S.I. AREA @ 669.00 X 2.70	1806.30
2.PER BASE F.S.I 669.00 X 1.80	1204.20
3.TOTAL PROPOSED F.S.I. AREA	1745.04
4.TOTAL BALANCE F.S.I. AREA (1 -3)	61.26
5.CHARGABLE F.S.I (3 - 2)	540.84

COLOUR NOTE

O.P. BOUNDRY	COMMON PLOT
F.P. BOUNDRY	PROP. WORK
EXI.ROAD	PROP. DRAINAGE
PROP. ROAD	PERCOLATION PIT

OWNER:

For OM Buildcon

Partner

Note Approved By C.E.A. GUDA
Development Charge Paid

APPROVED

(As amended by..... Colour)
Subject to the conditions as mentioned
in the Office Letter No. PRW.21116/54109/2020
Dated.....Junior Town Planner
Gandhinagar Urban Development Authority
Gandhinagar.

AUTHORITY

NOTES :

- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO.21.11 OF CGDCR-2017.
- DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER THE CLAUSE NO 21.6.2 OF CGDCR-2017.
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 21.10 OF CGDCR-2017.
- SIGNAGES OF THE PARKING PLASE IS TO BE PROVIDED AS PER THE CLAUSE NO. 21.7 OF THE CGDCR-2017
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER CLAUSE NO.21.1.7 OF CGDCR-2017.
- THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 21.1.4 OF CGDCR-2017.
- THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS SPECIFIED IN THE INDIAN STANDERD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVED AS PER THE CLAUSE NO. 25.2 OF CGDCR-2017.
- COMMUNITY BIN PROVIDED AS PER PROVISION OF THE CLAUSE NO.25.3 OF CGDCR-2017.
- TREE PLANTATION IS PROVIDED AS PER CLAUSE NO.25.5 OF CGDCR-2017.
- SOLAR WATER HEATING SYSTEM IS PROVIDED AS PER THE CLAUSE NO.25.6 OF CGDCR-2017.
- POLLUTION CONTROL SYSTEM IS PROVIDED AS PER THE CHAPTER NO - 28 OF CGDCR-2017.
- FIRE SAFETY SYSTEM IS PROVIDED AS PER CHEPTER NO. 26 OF CGDCR-2017.
- FIRE SAFTY PROVISIONS SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND FIRE PREVENTION AND LIFE SAFETY MEASURES ACT -2013.
- MAINTANCE AND UPGRADATION OF BUILDING IS AS PER CHEPTER NO. 27 OF CGDCR-2017.
- MARGINAL SPACE & CELLAR SLAB SHALL HAVE LOAD BEARING CAPACITY OF 40/60 TONNES PER SQUARE METER SHALL BE PROVIDED AS PER CHAPTER NO. 22.3 OF CGDCR-2017.
- ROOF TOP SOLAR ENERGY INSTALLATION & GENERATION SHALL BE PROVIDED AS PER CLAUSE NO.25.6.1 OF CGDCR-2017.
- THE GLAZED SURFACE AREA OF THE EXTERNAL FACADE SHALL BE NON REFLECTIVE AND PROVIDED UP TO MAX OF 50% OF THE TOTAL SURFACE AREA OF EACH FACADE WITH THE PROVISION OF SAFETY RAILLING UP TO SILL LEVEL AS PER CGDCR CLAUSE NO.21.13.

NOTES :

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- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
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- IT IS CERTIFY THAT ACCORDING TO CGDCR-2017 ALL REQUIREMENT OF THE BUILDING ARE CHECKED AND NECESSARY ACTION ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 3.5.3 OF THE CGDCR-2017. THE STRUCTURE OF THE BUILDING IS DESIGN AS PER THE NORMS OF THE INDIAN STANDERDS.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER PROVISION OF THE CLAUSE NO. 21.1.12 AND 21.1.14 AND 22.6 OF CGDCR-2017.
- PEDESTTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.1.15 OF CGDCR-2017.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.12 AND 22.8 OF CGDCR-2017.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.6 OF CGDCR-2017.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHEPTER NO. 22.21 OF CGDCR-2017

DARSHAN K. ASARI
LIC No. : GUDA/COW/SSI/192/10/2020
2, Asari Damor Kopsa Fadiu,
Ravatwada, Ramera, Sabarkantha,
Gujarat-383251

C.O.W.

BHAVIK PATEL
LIC No. : GUDA/SD-1/164/08/2020
B-12, NAVKAR FLATS, ANKUR ROAD,
NARANPURA AHMEDABAD-380013

STR. ENGINEER

DARSHAN K. ASARI
LIC No. : GUDA/ENG/497/10/2020
2, Asari Damor Kopsa Fadiu,
Ravatwada, Ramera, Sabarkantha,
Gujarat-383251

ENGINEER/architect

Owner is fully responsible
For open marginal Space
and road the Protion.

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

PERCOLATING WELL CALC:-

REQ. 1500 TO 4000 SMT= 1 NOS.

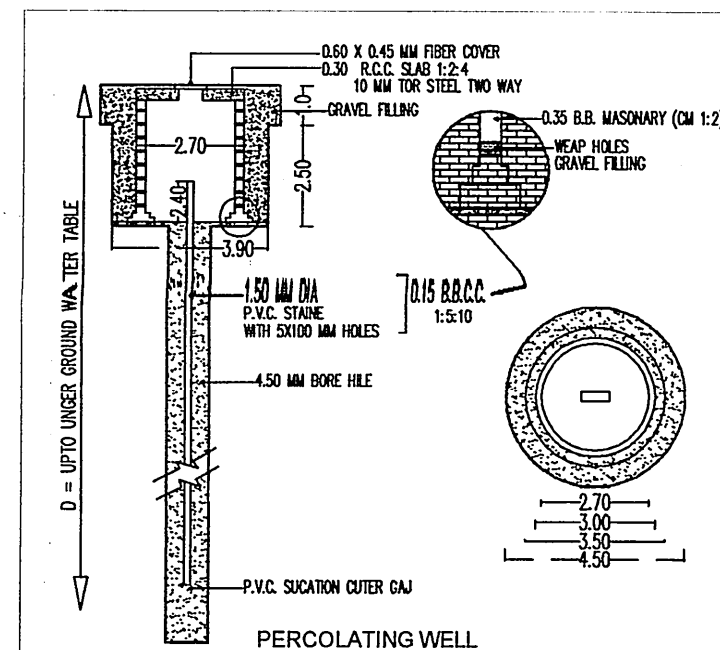
669.00 / 4000.00 =0.16 NOS.

SAY REQ. P.WELL = 01 NOS.

PROVI.0.16 P.WELL = 01 NOS.

Final plant boundary and
allotment of final plot is
subjected to Variation by
Town Planning Officer.

:- ખાસ શરત :-
બાંધકામ પૂર્ણ થયા બાદ બાંધકામનો
ઉપયોગ શરૂ કરતો પહેલાં નિયમાનુસાર
અરેથી મકાનના વપરાશનું પ્રમાણપત્ર
મેળવવાનું ફરજીયાત છે.



USE & UNIT TABLE	
FLOOR	EQ.FLAT
BLOCK	UNIT TOTAL
FIRST FLOOR	04
SECOND FLOOR	04
THIRD FLOOR	04
FOURTH FLOOR	04
FIFTH FLOOR	04
SIXTH FLOOR	04
TOTAL FSI AREA	24

F.S.I. AREA TABLE

IN SQ MTS	TOTAL
FIRST FLOOR	290.84
SECOND FLOOR	290.84
THIRD FLOOR	290.84
FOURTH FLOOR	290.84
FIFTH FLOOR	290.84
SIXTH FLOOR	290.84
TOTAL FSI AREA	1745.04

LIFT CALCULATION

REQ LIFT :ABOVE G+2

REQ LIFT : ABOVE16 UNITS : 1 NOS

PROVIDE. LIFT :02 NOS.

TREE PLANTATION CALCULATION

REQ. TREES :200 SQ.MTS. PER 05 NOS.

REQ 669 .00 /200)X5 = 16.72

PRO. TREES 17 NOS.

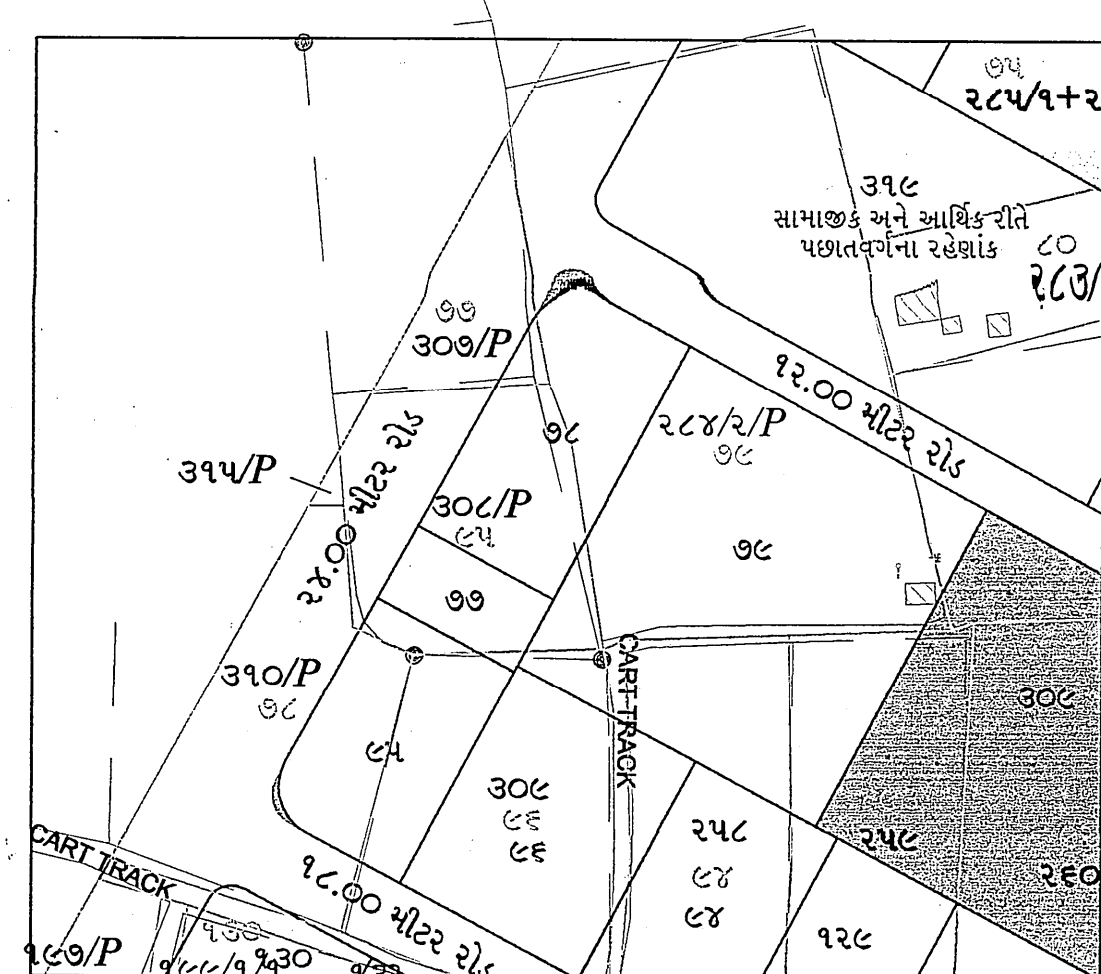
solid waste bin for residencial

1 unit : 10 liters

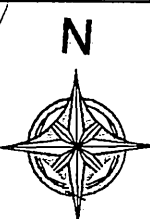
80 liter/1 dustbin

24 unit :240 liters

provide 240/80 = 3 dusbin/80 liter

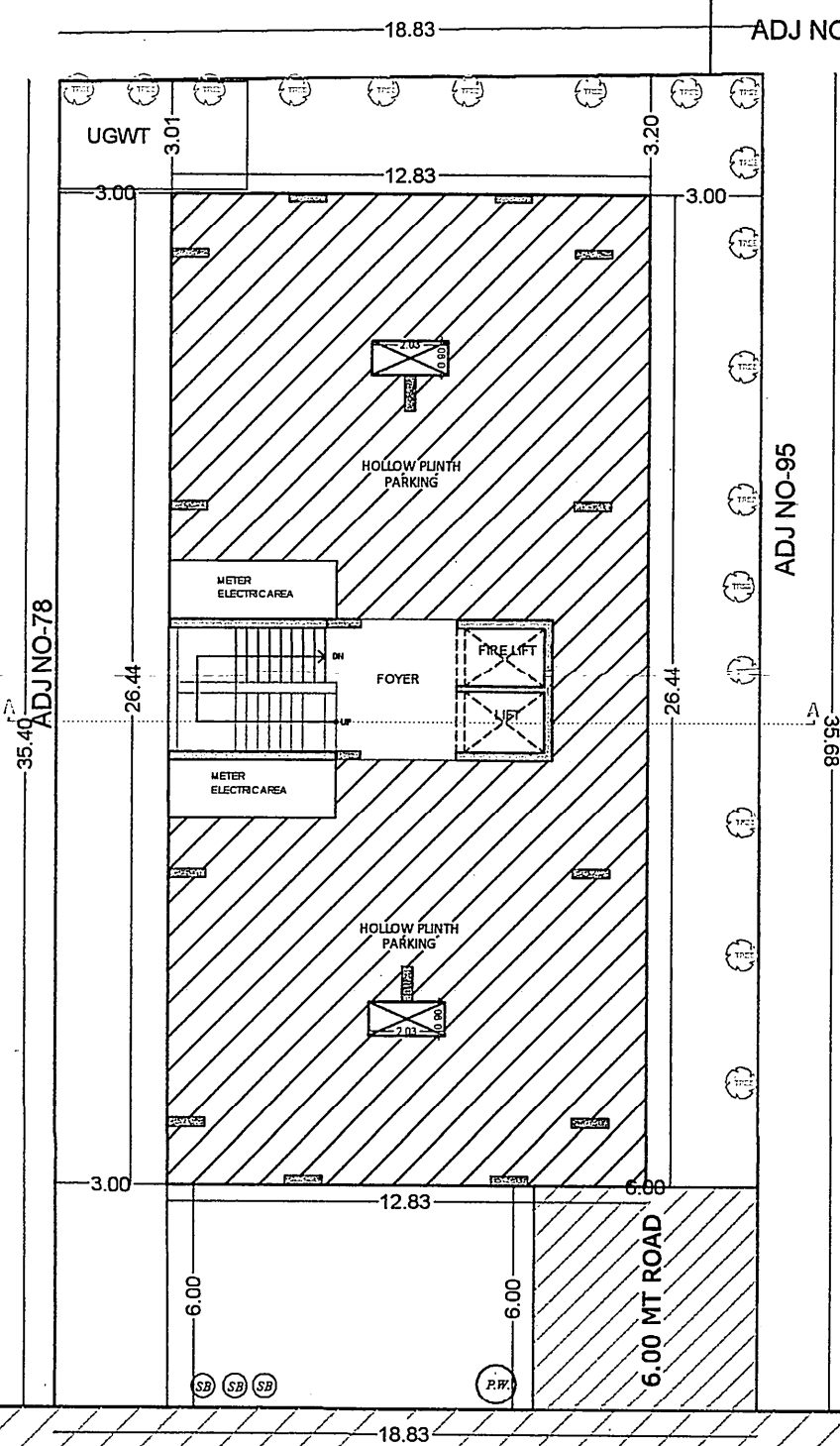


KEY PLAN



ADJ NO-79

ADJ NO-96



24.00 MT TP WIDE ROAD

LAYOUT PLAN

SCALE :- 1Cm = 2.00 Meter



PLAN SHOWING PROPOSED
DEVELOPMENT PERMIT FOR RESIDENTIAL
AFFORDABLE HOUSING

BUILDINGS ON F.P. NO. 77 O.P. No.: 77

B/SR No. 307/p of T.P. NO.: 13 (VAVOL)

Village: VAVOL, Ta. & Dist: Gandhinagar

SCALE: 1:100 CM + 1:50 MT

USE: - RESIDENTIAL AFFORDABLE HOUSING

ZONE: R-4

SCHEDULE OF OPENING

SLIDING WINDOW/DOOR

DOOR

VANTILATION

D = 1.05 X 2.10

D1 = 1.00 X 2.10

D2 = 0.75 X 2.10

SW = 2.02 X 2.12

SW1 = 1.83 X 2.12

SW2 = 1.80 X 2.12

WG = 1.23 X 1.10

R.C.C. STAIR DETAIL

WIDTH

PROTECT PROJECTION

RISER

PROP DRAINAGE

COLOUR NOTE

1:55 MT

0.16 MT

OWNER

ENGINEER

C.O.W

ST. ENGINEER

LIC No. : GUJARAT-14849/2020

B-12 WAKAFULUS

INDIAN COUNCIL OF ARCHITECTS

RAVATWADA, RAMERA, SURAT

Gujarat-382251

DARSHAN K. ASARI

LIC No. : GUJARAT-14849/2020

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Note Approved By C.E.A. GUDA

Development Charge Paid

APPROVED

(As amended by: ...)

Subject to the conditions as mentioned

Date: 27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21

27/9/21



AUTHORITY

Final plan boundary and
alignment of final plot is
submitted to Verification by
Town Planning Officer.

BUILT UP AREA CALC.

TYPICAL FLOOR

FIRST FLOOR

SECOND FLOOR

THIRD FLOOR

FOURTH FLOOR

FIFTH FLOOR

SIXTH FLOOR

TOTAL

10.83 X 38.44

LESS OPEN AREA

2.04 X 0.90 X 2

= 339.22 SMT.

= 3.67

NET BUILT UP AREA ON

TYPICAL FLOOR

= 335.55

F.S.I. AREA CALC.

NET BUILT UP AREA ON

TYPICAL FLOOR

= 335.55

LESS WORK

STAIR/LIFT

1) 5.14 X 3.86

= 19.84

2) 2.54 X 3.86

= 9.88

3) 2.59 X 3.86

= 9.99

= 44.71

NET F.S.I. AREA

(335.55 - 44.71) =

= 290.84

NET F.S.I. AREA

= 290.84

BUILT UP AREA CALC.

STAR CABIN/LIFT

10.27 X 3.86

= 39.64

LIFT MACHINE/O.H.W.T.

4.45 X 3.86

= 17.18

3.71 X 3.86

= 14.32

TOTAL BUILT UP AREA

= 31.50

STAR CABIN/LIFT & LIFT MACHINE/O.H.W.T.

39.64 + 31.50 = 71.14

DISABILITY PERSON PARKING

REQ. 12 CARS - 2 CARS

PROV. 2 CARS

TOTAL AREA = 448.35

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TERRACE FLOOR PLAN

(FIRST FLOOR, SECOND FLOOR, THIRD FLOOR, FOURTH FLOOR, FIFTH FLOOR, SIXTH FLOOR)

The permission is valid only if the

DPR/FS remains valid and the

that the permission shall stand

in DPR/FS with reference to the

under reference.

Owner is fully responsible

for the original Space

and road line position.

TYPICAL FLOOR PLAN

(FIRST FLOOR, SECOND FLOOR, THIRD FLOOR, FOURTH FLOOR, FIFTH FLOOR, SIXTH FLOOR)

The permission is valid only if the

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GROUND FLOOR (H.P.) PARKING LAYOUT

ADJ NO-79

ADJ NO-95

ADJ NO-78

ADJ NO-96

ADJ NO-77

ADJ NO-97

ADJ NO-76

ADJ NO-98

ADJ NO-75

ADJ NO-99

ADJ NO-74

ADJ NO-100

ADJ NO-73

ADJ NO-101

ADJ NO-72

ADJ NO-102

18.83

18.83

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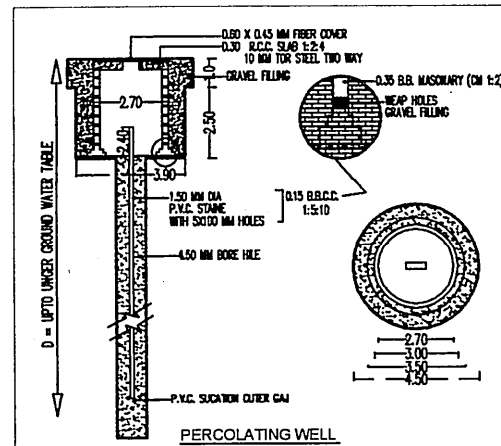
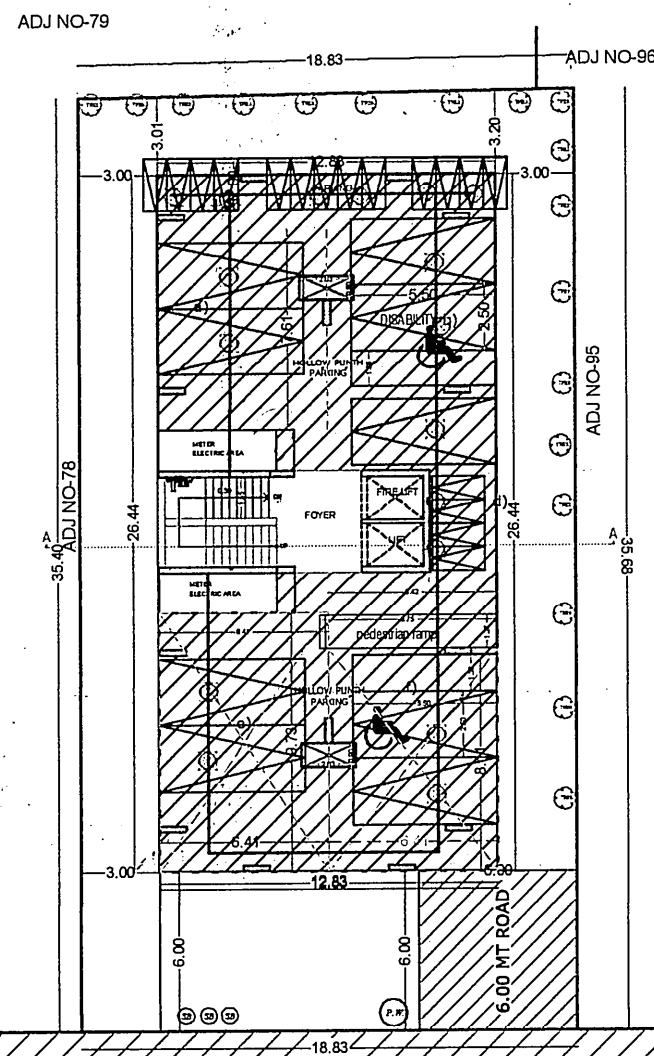
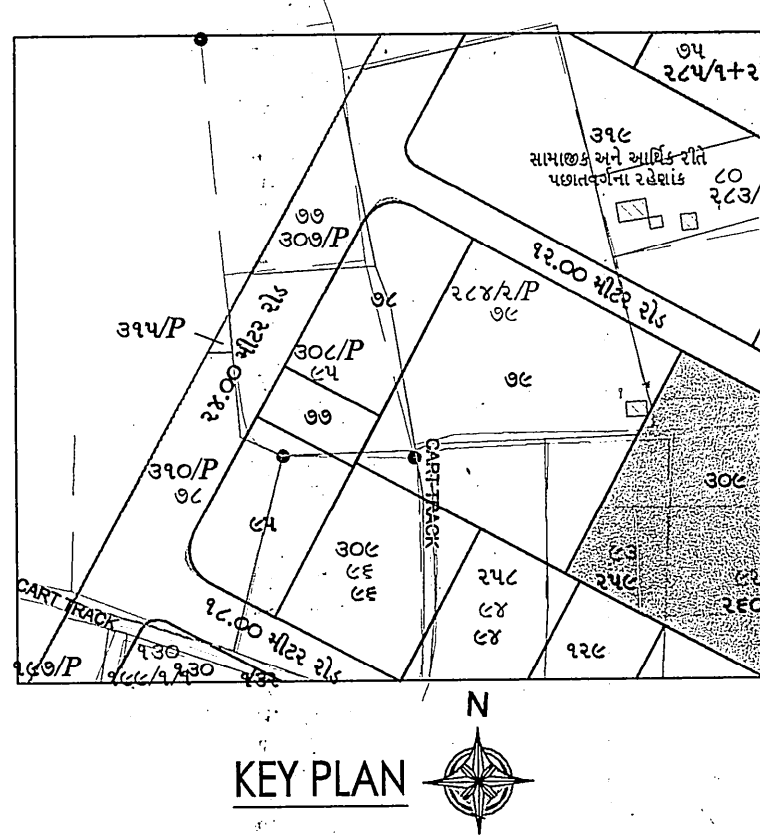
18.83

18.83

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18.83

18.83



USE & UNIT TABLE	
FLOOR	EQ.FLAT
BLOCK	UNIT TOTAL
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SECOND FLOOR	04
THIRD FLOOR	04
FOURTH FLOOR	04
FIFTH FLOOR	04
SIXTH FLOOR	04
TOTAL FSI AREA	24

F.S.I. AREA TABLE	IN SQ MTS
	TOTAL
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PERCOLATING WELL CALC:-
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SAY REQ. P.WELL = 01 NOS.
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solid waste bin for residencial	
1 unit : 10 liters	80 liter/1 dustbin
24 unit :240 liters	provide 240/80 = 3 dustbin/80 liter

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- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.6 OF CGDCR- 2017.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHEPTER NO. 22.21 OF CGDCR- 2017

ITEM	DESCRIPTION
	MANUAL CALL POINT
	HOOTER
	PUMP ON-OFF SWITCH
	HOSE REEL
	HOSE BOX WITH HOSE PIPES&BRANCH PIPE
	FIRE HYDRANT
	"DCP" FIRE EXTINGUISHER
	WATER "CO2"TYPE FIRE EXTINGUISHER
	FIRE YARD HYDRANT
	TWO WAY FIRE BRIGADE INLET
	150mm S. FIRE PIPE
	FIRE SPRINKLER
	FIRE EXTINGUISHERS

LIFT CALCULATION
REQ LIFT :ABOVE G+2
REQ LIFT : ABOVE16 UNITS : 1 NOS
PROVIDE. LIFT :02 NOS.

TREE PLANTATION CALCULATION
REQ. TREES :200 SQ.MTS. PER 05 NOS.
REQ 669 .00 /200)X5 = 16.72
PRO. TREES 17 NOS.

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 3 BAR 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 150 MM. INTERNAL DIAMETER.THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A NRVT TO ACT AS A DOWNCOMMER.
- ONE RISER IS REQUIRED FOR EVERY 1000SQ. METERS FLOOR AREA AND IF THE BUIDING 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.
- 25MM. BORE HOSE REEL HOSE WITH 8MM, SHUT-OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE REEL HOSE SHOULD BE ENOUGH TO REACH THE FRUTHEST CORNER OF THE FLOOR .
- HOSE-BOX WITH 15 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 OF NOT LESS THEN 20,000 LITERS .
- THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS .

FIRE LIFT :-

- THE FIRE LIFT AND ALL THE LIFTS SHOULD HAVE A PROVISION TO GROUND AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE. EACH BUILDING SHOULD HAVE AT LEAST ONE-LIFT AS A FIRE-LIFT AND THE BUILDINGS 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 OPERATED, SO THAT IT PREVENTS LIFT WELL GETTING SMOKE LOGGED .

FIRE ALARM :-

- FIRE ALARM CALLS POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGHOUT THE BUILDING.

FIRE EXTINGUISHERS :-

- ONE CO2 EXTINGUISHER OF 4.5 KG AND ONE EXTINGUISHER OF 5 KG DCP TO BE INSTALLED ON EACH FLOOR IN CASE OF COMMERCIAL BUILDING . AND /OR TWO CO2 EXTINGUISHER OF 2 KG CAPACITY ON EAC FLOOR AND 5 KG DCP EXTINGUISHER ON ALTERNATE FLOORS IN CASE OF RESIDENTIAL BUILDING.
- IF THE BUILDING IS DIVIDED IN TO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED .

STAIRCASE :-

- THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTER CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT GETTING SMOKE LOGGED AND OPEN FOR TWO SIDES .
- THE RISER/ DOWNCOMMER 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.

BASEMENT :-

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

LIGHTENING ARRESTER :-

- A LIGHTENING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERTY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTNING STRIKES .

LAY-OUT PLAN SHOWING PROPOSED

DEVELOPMENT PERMISSION FOR RESIDENTIAL AFFORDABLE HOUSING

BUILDINGS ON F.P.NO:77 O.P. No.: 77

B/ SR No.:307/p ,of T.P.S.NO.: 13 (VAVOL)

VILLAGE: VAVOL TA.& DIST.: GANDHINAGAR

SCALE : 1.00 CM = 2.00 MT ZONE :R:4 UNIT : RES = 24

USE :- RESIDENTIAL AFFORDABLE HOUSING (RAH) (dwelling:3) (APPARTMENT)

AREA TABLE	AREA IN SQMT
AREA OF SR/BLOCK No.: 307/p	1029.00
AREA OF O.P. No.: 77	1029.00
AREA OF F.P.NO.: 77	669.00
BUILTUP AREA TABLE	
	TOTAL
GROUND FLOOR (H.P)	335.55
FIRST FLOOR	335.55
SECOND FLOOR	335.55
THIRD FLOOR	335.55
FOURTH FLOOR	335.55
FIFTH FLOOR	335.55
SIXTH FLOOR	335.55
STAIR CABIN&O.H.W.T & MACHINE	71.14
TOTAL PROPOSED BUILTUP AREA AREA	2419.99

1.MAX. PER. F.S.I. AREA @ 669.00 X 2.70	1806.30
2.PER BASE F.S.I 669.00 X 1.80	1204.20
3.TOTAL PROPOSED F.S.I. AREA	1745.04
4.TOTAL BALANCE F.S.I. AREA (1 -3)	61.26
5.CHARGABLE F.S.I (3 - 2)	540.84

COLOUR NOTE

O.P. BOUNDRY		COMMON PLOT	
F.P. BOUNDRY		PROP. WORK	
EXI.ROAD		PROP. DRAINAGE	
PROP. ROAD		PERCOLATION PIT	

For, OM Buildcon
Partner

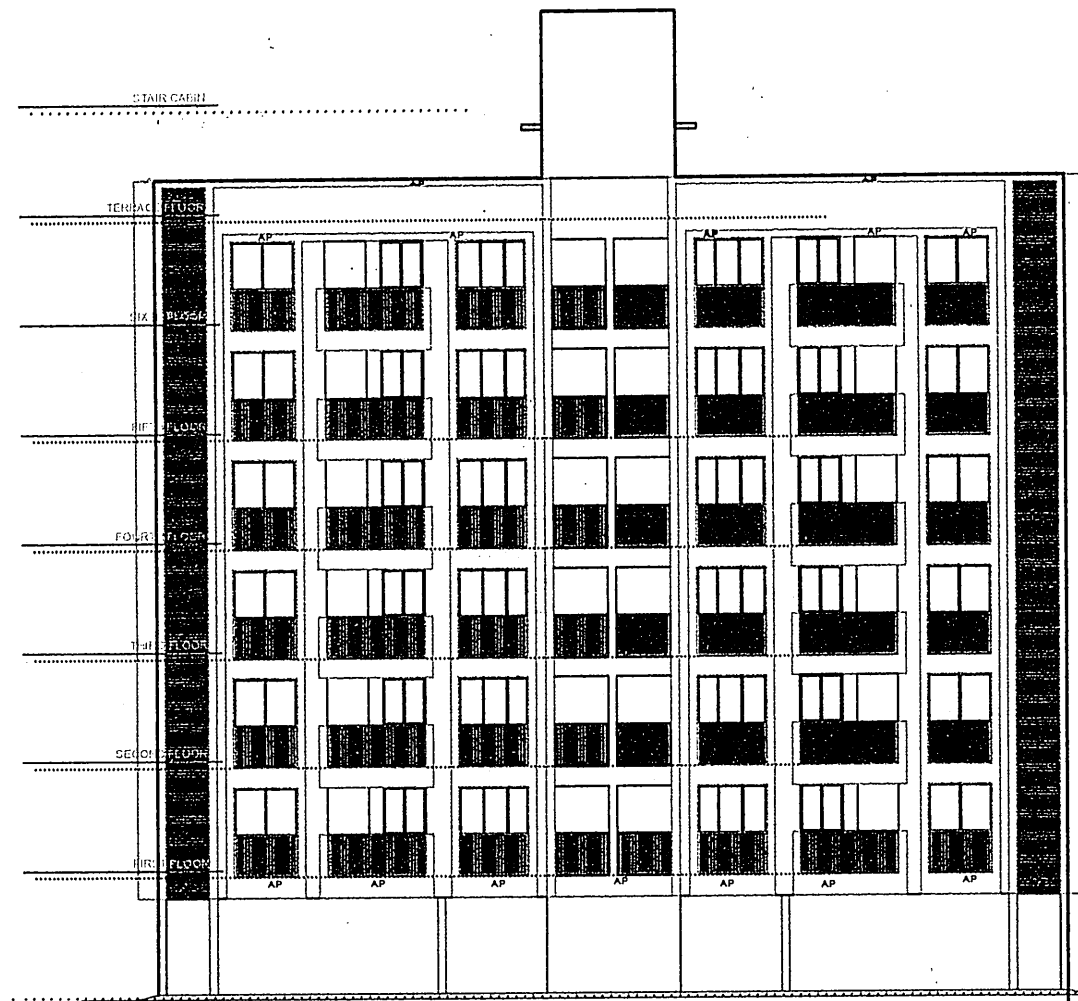
OWNER

Regional Fire Officer
Fire & Emergency Service
Gandhinagar Municipal Corporation

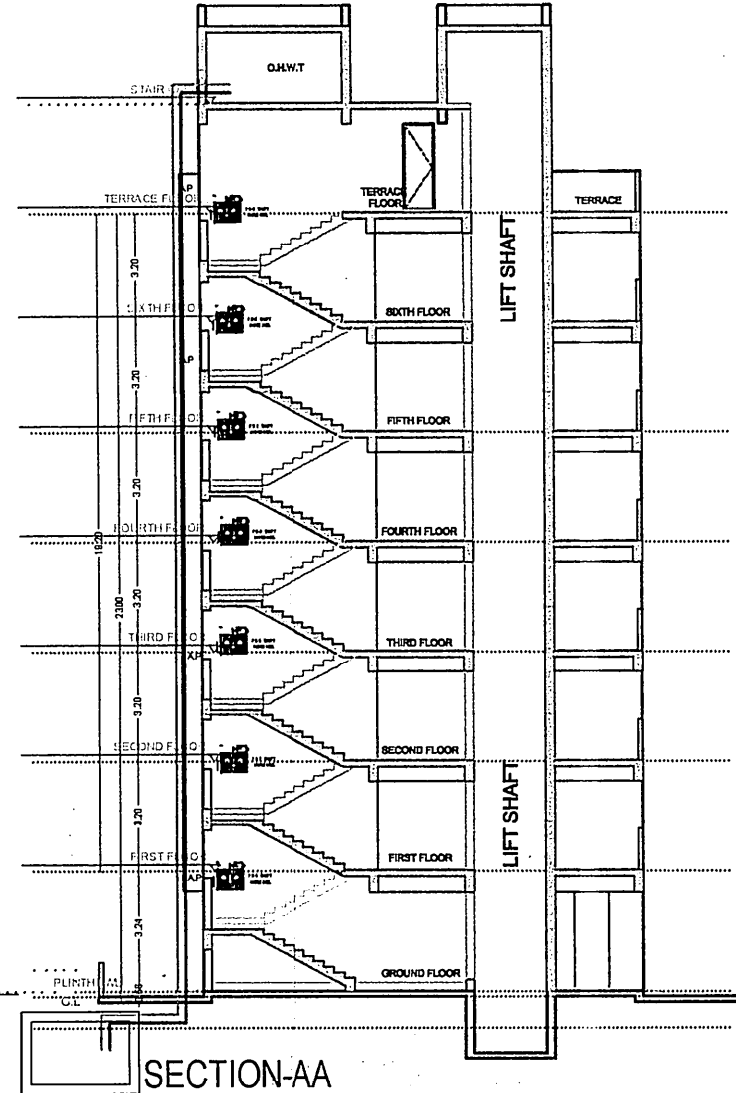
AUTHORITY

ENGINEER/architect

Darshan K. Asari
LIC No. : GUDA/ENG/497/10/2020
2, Asari Damor Kopsa Fadiu,
Ravatwada, Ramera, Sabarkantha
Gujarat-383251



ELEVATION-A



SECTION-AA

BUILT UP AREA CALC.	IN.SQ.MTS.
TYPICAL FLOOR	
GROUND FLOOR (ALP), FIRST FLOOR, SECOND FLOOR	
THIRD FLOOR, FOURTH FLOOR, FIFTH FLOOR, SIXTH FLOOR	
12.83 X 26.44	= 339.22 SMT.
LESS OPEN AREA	
2.04 X 0.90 X 2	= 3.67
TOTAL	(339.22 - 3.67) = 335.55
NET BUILT UP AREA ON TYPICAL FLOOR	= 335.55
F.S.I. AREA CALC.	
LESS WORK	
STAIR/LIFT	
1) 6.14 X 3.86	= 18.84
2) 2.54 X 5.86	= 14.88
3) 2.59 X 3.86	= 9.99
	= 44.71
NET F.S.I. AREA	(335.55 - 44.71) = 290.84
NET F.S.I. AREA	= 290.84

BUILT UP AREA CALC.	IN.SQ.MTS.
STAIR CABIN/LIFT	
10.27 X 3.86	= 39.64
LIFT MACHINE/O.H.W.T.	
4.45 X 3.86	= 17.18
3.71 X 3.86	= 14.32
	= 31.50
TOTAL BUILT UP AREA	
STAIR CABIN/LIFT + LIFT MACHINE/O.H.W.T.	39.64 + 31.50 = 71.14

(RESIDENTIAL PARKING AREA TABLE)			
REQ. PARKING AREA	1745.04 SQ.MT.	REQ. 25 CARS	1745.04
PROVIDE PARKING AREA	448.35 SQ. MTS.	REQ. 12 CARS	448.35
PARKING	REQ. PARKING	REQ. PARKING	PROVIDE PARKING
%	AREA	%	AREA
CAR	349.00 X 100% = 174.50	CAR	174.50
OTHER	349.00 X 100% = 174.50	OTHER	174.50
TOTAL	349.00	TOTAL	349.00
PROVIDE RESIDENCE PARKING			
BLOCK	CAR	OTHER	VISITOR
H.P. & GROUND PARKING	a) 0.41 X 7.81 = 3.20	b) 0.41 X 0.17 = 0.07	c) 0.41 X 3.86 = 1.58
FRONT PARKING			
BACK PARKING			
TOTAL	185.97	145.27	117.11
			TOTAL AREA = 448.35

DISABILITY PERSON PARKING
REQ. 25 CARS : 2 CARS
REQ. 12 CARS : 2 CARS
PROV. : 2 CARS

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 3 BAR 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 150 MM. INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A NRV TO ACT AS A DOWNCOMMER.
- 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.
- 25MM. BORE HOSE REEL HOSE WITH 8MM, SHUT-OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE REEL HOSE SHOULD BE ENOUGH TO REACH THE FURTHEST CORNER OF THE FLOOR.
- HOSE-BOX WITH 15 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 OF NOT LESS THEN 20,000 LITERS.
- THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS.

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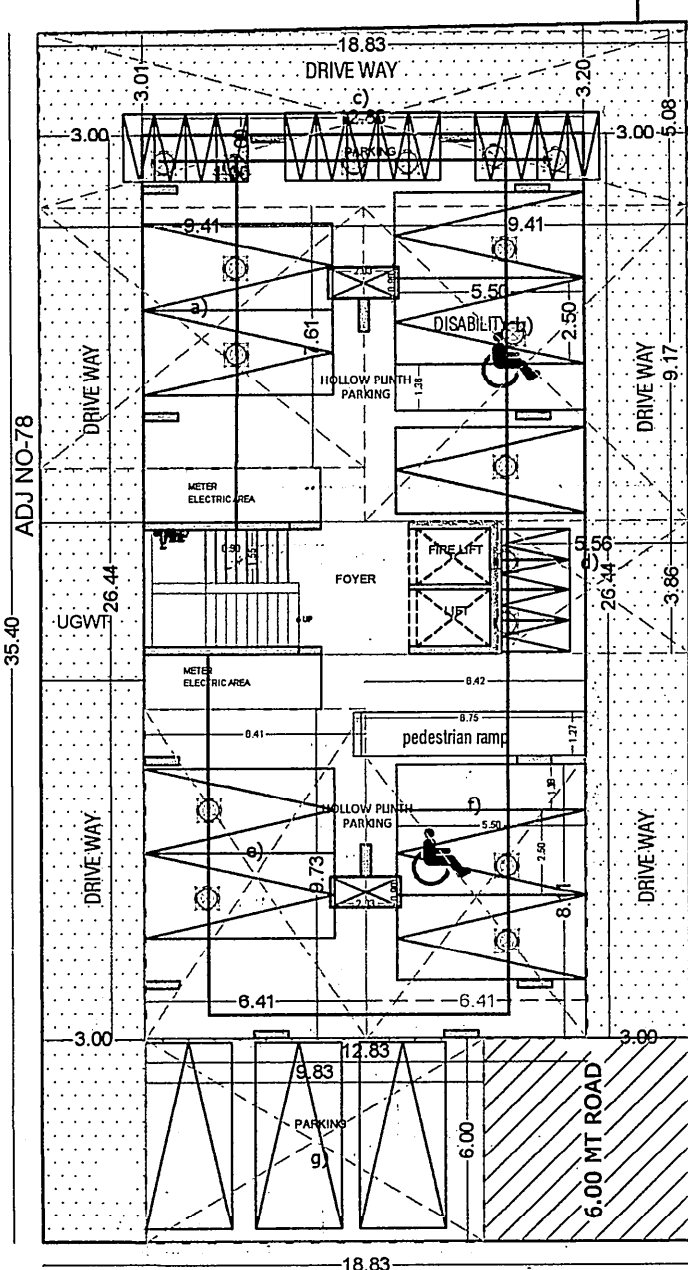
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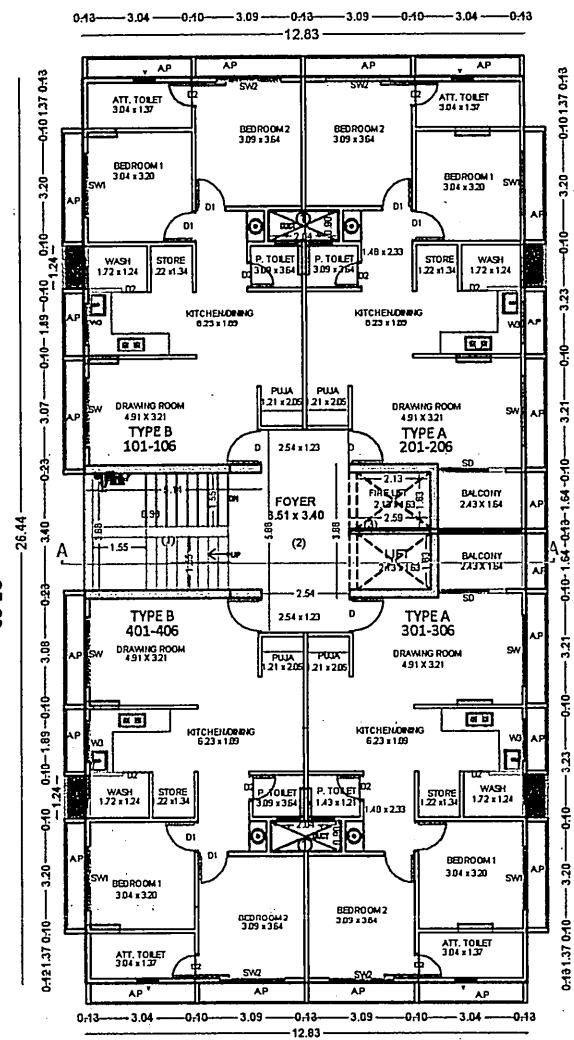
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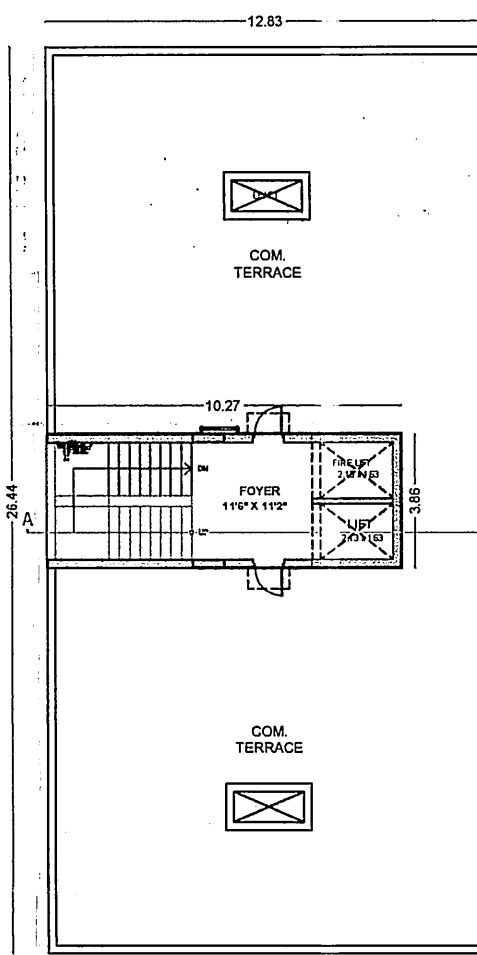
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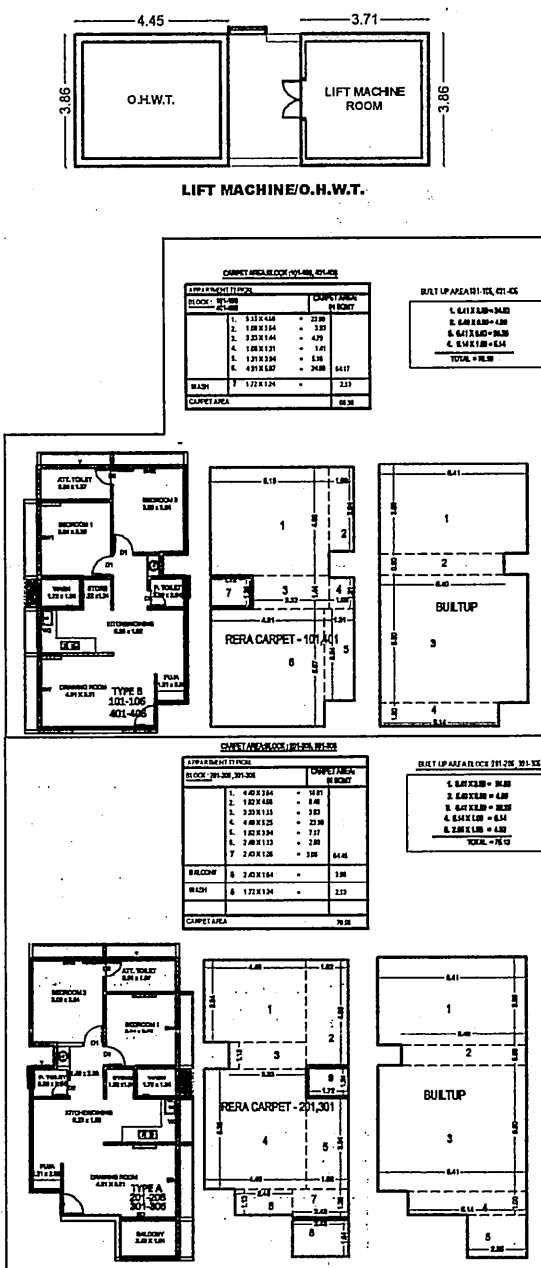
GROUND FLOOR /PARKING LAYOUT



TYPICAL FLOOR PLAN
(FIRST FLOOR, SECOND FLOOR, THIRD FLOOR, FOURTH FLOOR, FIFTH FLOOR, SIXTH FLOOR)



TERRACE FLOOR PLAN



LIFT MACHINE/O.H.W.T.

ITEM	DESCRIPTION	WATER "CO2" TYPE FIRE EXTINGUISHER
MANUAL CALL POINT		FIRE YARD HYDRANT
HOOTER		TWO WAY FIRE BRIGADE INLET
PUMP ON-OFF SWITCH		150MM. S. FIRE PIPE
HOSE REEL		FIRE SPRINKLER
HOSE BOX WITH HOSE PIPES & BRANCH PIPE		FIRE EXTINGUISHERS
FIRE HYDRANT		
"DCP" FIRE EXTINGUISHER		

PLAN SHOWING PROPOSED DEVELOPMENT PERM. FOR RESIDENTIAL AFFORDABLE HOUSING BUILDINGS ON F.P.NO: 77 O.P. No.: 77 B/ SR No.:307/p of T.P.S.NO.: 13 (VAVOL) Village:VAVOL, Ta.&Dist.:Gandhinagar
SCALE: 1:100 CM = 1.00 MT ZONE 3CA
USE :- RESIDENTIAL AFFORDABLE HOUSING

SCHEDULE OF OPENING		
SLIDING WINDOW DOOR	DOOR	VENTILATION
SW = 2.02 X 2.12 SW1 = 1.83 X 2.12 SW2 = 1.60 X 2.12 W3 = 1.23 X 1.10	D = 1.05 X 2.10 D1 = 1.00 X 2.10 D2 = 0.75 X 2.10	V = 0.60 X 0.60

R.C.C STAIR DETAIL	COLOUR NOTE
1.55 MT 0.30 MT 0.16 MT	ARCHITECT PROJECTION PROP WORK PROP DRAINAGE

For, OM Buildcon
Partner

OWNER

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LIC No. : GUDA/ENG/497/10/2020
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ENGINEER

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AUTHORITY