

BASEMENT PARKING AREA TABLE [RESI.] PROVI. PARKING AREA **CAR PARKING** (K)  $17.71 \times 11.99 = 212.34$ (L)  $22.70 \times 21.32 = 483.96$ (M)  $11.78 \times 33.31 = 392.39$ (N) 02.93 X 06.64 = 19.46 (O)  $05.05 \times 19.53 = 98.63$ TOTAL =1206.78 OTHER PARKING (P)11.33+12.95/2x18.19 = 220.83 (Q)14.87+16.32/2x16.29 = 254.04(R) 14.87+13.35/2x16.45 = 232.11TOTAL = 706.98 OTHER PARKING (S) 05.20 X 04.99 = 25.95 (T)  $06.57 \times 04.99 = 32.78$ TOTAL = 58.73 TOTAL 1972.49

1. HYYDRANT SYSTEM:

ON/OFF switches located near the hose reel hose or hydrant outlet. at each floor the main FirePump 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 and above 18 meters height should not be of less than 100 mm, internal diameter. The riser

PROP. B. AREA CALC. BASEMENT FLOOR:-

NET BUILT UP AREA ON BASEMENT FLOOR..

= 2889.99 SQ. MT.

58.45+53.87/2X51.46 = 2889.99 SQ. MT.

should be connected to the bottom of the terrace tank with a stop value and a NRV to act as 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 floor level. Each floor should have one hydrant outlet with a coupling for attaching a 63 mm.dia hose & 25 mm.bore Hose-reel hose with 8 mm. SS. Shut-off nozzle at each floor landing. The length of the hose reel hose should be enough to reach the

farthest corner of the floor. Hose-box with 15 meters long 63mm. dia. hose and 12.5 mm, hore pozzle 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 premisses where a Fire servise vehicle can approach easily. A permanent hydrant point comprising of 63 mm.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 20,000 liters. The

Underground tank shall be of not less than 1,00,000 liters.

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 if the building is divided into two or more parts then each 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:

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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) type extinguisher of 4.5 kg. with ISI mark. and one extinguisher of 5kg. Dry Chemical Powder (DCP) type extinguisher with ISI mark to be installed on eachfloor in case of commercial building. One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with ISI mark. OR Two Carbon Dioxide (Co2) type extinguisher of 2 kg, with ISI mark capacity on alternate floors in case

of residential building. 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 buildings 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 in to make it easily approachable in case of Fire from the floor bellow or above.

6. BASEMENT:

The basement of 200 sq. meters or more should be protected with Automatic Sprinkler system with at least one sprinkler head for actual Car parking space. Additionally be protected by a Hydrant outlet and two 25 mm, bore Hose-reel hoses with

8 mm, 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 along all exit routes leading to the ground level. The signage should indicate fire fighting, fire 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 suppy 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 at the time of fire.

**10.INDIVDUAL FIRE SEFTY SYSTEM** 

FIRE SEFTY SYSTEM SHOULD BE PROVIDED IN IDIVDUAL SHOW ROOM BY OWNER **IMPORTANT INSTRUCTIONS:** 

After inspection of a low-rise building by the fire service authority, if the fire SHOPr concerned feels th need for additional fire prevention/protection measures / ventilation system required or equipment ( i.e. - Passive system / Suppression system / Fire door • Window / Detection system / Active system / Sprinkler / Drencher etc.) as per Fire load / Firerick / Public gathering. Potential / Occupancy / Confined area,

those additional measures I equipment have to be implemented I installed.

NOTES:

IT IS CERTIFIED THAT PLOT UNDER REFERENCE IS SURVEYED BY ME AND THE DIMENTIONS OF ALL SIDES OF PLOT AND PLOT AREA AS SHOWN IN PLAN AREA MEASURED BY ENGINEER ON RECORD AND IN ACCORDANCE WITH OWNERSHIP/REVENUE RECORD.

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.

PEDESTTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.1.15 OF

21 1 12 AND 21 1 14 AND 22.6 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 REQUIRMENT PROVIDED AS PER CHEPTER NO. 22.21 OF 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

• 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

• ENTERANCE 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

• 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 PROVEDED 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. • POLUTION 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 REFLACTIVE 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.

ADJ. F.P. NO. - (343/1)/2

32 17 RAMP \$1.70 MT. LENGHT 6.34 MT. WIDE ---5.05--RESI,(K) ============== CAR PARKING 7.71 X 11.99 212.34 SQ. MTS. CAR PARKING 11.40 X 26.17 = 298.34 SQ MT8.-CAR PARKING RESI.(M) 5.05X19\53 = 98.63 SG. MIS. CAR PARKING 1.78 × 33.31 = 392.39 SQ. MTb. 550 MT DRIVE WAY RESULT CAR PARKING 550 MT DRIVE WAY 351 2.00 MT DRIVE WAY FOYER 3.80 x 4.53 VISITOR FARKING .57×4.99 = 32.78 SQ. MTS 2.00 MT. RESI.(P) RESIDEN '+13.35/2X16.45 - 232.11 SQ. MTS. 24.40

12.0 MT. SERVICE + 60.0 MT. T.P.S + 12.0 MT. SERVICE ROAD



BASEMENT LAY OUT PLAN SCALE :- 1.00 CM. = 2.00 MT.

ફેનેજ લે-આદિટ તેમજ સારીક ટેક તથા ગાઇક नी सार्धक तथा श्रेष्णा नेतालय लिल्डींग डोड (આઇ.એસ.-२४७०) दया सिविस घोन्सुनीयथेश डेन्ड लुङ आय-भन्ना मुंबरा राभवामां आवेल छे ते અનુસાર સરજદાર વૃષ્ટીન માલિકે **સ્થળપ્રત ભાંદાકાય** કરવાનું રહેશે.

िकार परवालंगी भेलवेल भावमार जाताते युध पुर ंत्रज्ञ भोहास प्रतीन्य होण्ड (हाक हरेंड) स्वेज ने**यहे** स्थील क्येरी तरक्षी स्थत है है कि क्यारी वामकावार : કાંગ્રહાય **અપાચેલ** भागरेयतिनी यक्षास्य हरू हाइस्टिल्डं प्र**भाशपञ** विकास परपालको मुख्यकू मेलका लाकर कामान्य वस्त्राम्य लास्टाम करणा રહેવો.

> 매왕 왕조대 : નકશામાં સ્થાવામાં આવેલ કા**મન**ા स्वीटनो इक्से कर्यो सूर्वी अहर प्रभीननी मासिसी सोसम्य 🐧 मज़ीसंशाननी व थाय का लें समन सीडनी डलली / मालिकी स्वामन्यानी स्वशे.

- जाति सामा **વાષ્ટ્રાય પૂર**ે થયા બાદ વ્યવિકામ ના સંવર્ષ 🛍 કરતાં પહેલા નિયમાનુસાર અલે શ્રી મહાનના 4મ6ાજાવ, મુખાસતર્થ, ત્રેપાવનાવ, ફક્સનાય 🥬

તા..... ના રોજ દ્વાલિક અંદ્રેગુંલાઈઝ આર્કીટેક્ટ તથા સ્ટુક્શરલ સ્ટ્રેન્ઝનીસર્ટ આપેલ બાંતેઘરી પ્રથમાં દર્શાવેલ તમામૃ હારહોનું સુંસ્તપણ પાલન કરવાનું રહેશે.

OWNER

BLOCK - A + C

**BUILT UP AREA TABLE** 

**COLOUR NOTE** 

**DOOR** 

CHARGABLE F.S.I.

R.C.C .STAIR DETAILS

SCHEDULE OF OPENING

1.10 X 2.13

0.91 X 2.13 0.80 X 2.13 D4 0.76 X 2.13

Jugan a Sheh JIGAR G. SHAH

STRUCTURAL DESIGNER REG. No. AUDA SD-1/287 401. SHANTI ARCADE,

NARANPURA, AHMEDABAD

AUDA Registered Eng. L/c No. 876 COWILIC No. 599

CLERK OF WORKS

132 FT. RING ROAD,

STR. ENGINEER

PROP. WORK PROP. DRAINAGE

WIDTH: 2.00 M. TREAD: 0.30 M. RISER: 0.16 M.

WINDOW

W1 2.52 X 1.50

W2 1.83 X 1.50 W3 1.70 X 1.50 W4 0.80 X 1.07

V 0.61 X 0.61

ENGINEER

**DEVELOPERS** 

FOR, SARAL INFRASTRUCTURE

KNJEHMULL PARTNER

SHEET NO:- 2/7

SQ.MTRS.

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710, Kanaiyalal's Bunglows, Kabir Chowl Sabarmati, Ahmedabad - 380005 Lic. No. AUDA/ENGG/555

Mob: 94263 19654

Email: pusharma3194@yahoo.co.in

BASEMENT FLOOR PLAN

PLAN SHOWING PROP. RESIDENCE+COMM.

AFFORDABLE HOUSING BUILDING ON F.P.NO.-344

SUGHAD)(R.S.NO.-188/P,O.P.NO.-344),MOJE:- SUGHAD,

SCALE:-1.00cm=1.00mts. USE: Residence + Comm.

OF DRAFT T.P.S.NO.- 410, (AMIYAPUR-ZUNDAL-

TAL:- GANDHINAGAR, DIST.:- GANDHINAGAR,

ZONE: AGRICULTURAL (A1) + (OVER LAY RAH)

USE: RESI.+COMM. (AFFORDABLE HOUSING)

PROPOSED BUILT UP AREA ON BASEMENT FL... 2889.99

અમદાવાદ શહેરી વિકાસ સત્તામંદ્રન્થ

ક્રાકાર્ય છે. જેન્દ્રાગ કરાવેલ છે.

मंजूर थथंल नहशाओनी नहलनो १ होड डबल तर प्रसित्त स्टताया **र**हुम्

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.

> Final Plan boundary and allotment of final plot is Subject to Veriation by Town Planning Offices

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



APPROVED As amanded by Red (Colour) Subject to the condition as mentioned in this office Letter PRM No. 11/2/12019

Dated. OISPATCH BY Note Approved by C.E.A

ssistant Town Planner Ahmedabad.

Ahmedabad Urhan Douglayment Authority