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NOTES :-

- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAN HOLE IS VERIFIED BY ME ON SITE AND PREMISES CAN GET DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO CGDCR 2017, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS 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 STANDARDS.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.1.12 AND 21.1.14 AND 22.6 OF CGDCR 2017.
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.1.5 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.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 21.11 OF CGDCR 2017.
- DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PAR 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 PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 21.7 OF THE CGDCR 2017.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 21.1.7 OF CGDCR 2017.
- THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVI. OF THE CLAUSE NO. 21.1.4 OF CGDCR 2017.
- THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS OF THE SPECIFIED IN THE INDIAN STANDARD AND TAKE NEGESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 25.2 OF CGDCR 2017.
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 25.3 OF CGDCR 2017.
- TREE PALNTATION IS PROVIDED AS PER THE CLAUSE NO. 25.5 OF CGDCR 2017.
- MAINTANANCE AND UPGRADATION OF BUILDING IS AS PER CHAPETER NO. 27 OF CGDCR 2017.
- SOLAR WATER HEATING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 25.6 OF CGDCR 2017.
- FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER NO. 22 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 PAR 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 RAILING UP TO SILL LEVEL AS PER CGDCR 2017 CLAUSE NO. 21.13.

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 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. 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 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.

2. 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 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:

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 each-floor 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.

6. BASEMENT :

The basement of 200 sq. meters or more should be protected with Automatic Sprinkler system with at least one sprinker 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

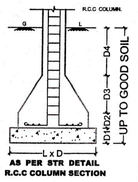
Electricity suppy to the fire pump. fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply. (i.e. from Electrical power supply of the company) This is to ensure availability of power supply to the fire protection & Safety system even 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

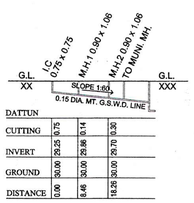
IMPORTANT INSTRUCTIONS:

After inspection of a low-rise building by the fire service authority,if the fire officer 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 iced / Firerick / Public gathering, Potential / Occupancy / Confined area, those additional measures / equipment have to be implemented / Installed.



AS PER STR DETAIL
R.C.C COLUMN SECTION

FIRE HYDRANT LEGEND		
SR.	SYMBOL	DISCRIPTION
1		FIRE HYDRANT PIPE MAIN
2		SLUICE VALVE
3		NON RETURN VALVE
4		COURT YARD HYDRANT VALVE
5		LANDING HYDRANT VALVE
6		HOSE BOx
7		FIRST AID HOSE REEL
8		AIR RELEASE VALVE
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP



DRAINAGE SECTION
SCALE HORI :- 1CM = 5MT.
VERTI :- 1CM = 1MT.

BASEMENT PROVI. PARKING (COMM.)			IN.SQ.MTS.
(CAR)	(CC1)	8.02 x 6.09 =	48.84
(SCO. & CYCLE)	(SC1)	8.53 x 4.00 =	34.12
		TOTAL =	82.96

BASEMENT PROVI. PARKING (RESI.)			IN.SQ.MTS.
(CAR)	(C1)	8.02 x 2.49 =	19.97
	(C2)	8.97 x 15.81 =	141.82
	(C3)	8.97 x 15.84 =	142.08
	(C4)	8.44 x 8.84 =	74.61
	(C5)	12.82 x 8.23	105.51
		TOTAL =	483.99
(OTHER PARKING)	(S1)	8.53 x 4.46 =	38.04
	(S2)	4.70 x 8.34 =	39.20
	(S3)	4.25 x 3.33 =	14.15
	(S4)	3.85 x 3.27 =	12.59
		TOTAL =	103.98
TOTAL PROVIDE PARKING IN BASEMENT		=	587.97

COMM. PARKING AREA TABLE

PROP. F.S.I AREA = 191.05 SQ.MTS.
REQ PARKING AREA @ 50 % = 95.53 SQ.MTS.

VEHICAL	REQ. AREA	PROVI PARKING AREA
CAR PARKING AREA @ 50 %	47.77 SQ.MT.	CAR PARKING IN BASEMENT = 48.84
SCOOTER&CYCLE AREA @ 30 %	28.66 SQ.MT.	OTHERS PARKING IN BASEMENT = 34.12
VISITOR'S PARKING AREA @ 20 %	19.11 SQ.MT.	(V1) 3.10 x 1.59 (FRONT MARGIN) = 4.93 (V2) 3.50 x 1.59 x 2 (FRONT MARGIN) = 11.13 (V4) 2.00 x 1.59 (FRONT MARGIN) = 3.18 TOTAL = 19.24
TOTAL	95.54 SQ.MT.	= 102.20

RESI. PARKING AREA TABLE

TOTAL USE F.S.I. AREA = 4886.09
NET RESI. F.SI. AREA (4886.09-191.05)=4695.04
REQ PARKING AREA @ 20 % = 939.01 SQ.MTS.

VEHICAL	REQ. AREA	PROVI PARKING AREA
CAR PARKING AREA @ 50 %	469.51 SQ.MT.	CAR PARKING IN BASEMENT = 483.99
SCOOTER&CYCLE AREA @ 40 %	375.60 SQ.MT.	OTHERS PARKING IN BASEMENT = 103.98 (S5) 9.20 x 10.04 (H.P) = 92.37 (S6) 13.05 x 8.46 (H.P) = 110.40 (S7) 8.96 x 12.65 (H.P) = 113.34 (S8) 4.19 x 4.57 (H.P) = 19.15 (S9) 5.01 x 8.00 (H.P) = 40.08 TOTAL = 375.34 TOTAL = 103.98+375.34 = 479.32
VISITOR'S PARKING AREA @ 10 %	93.90 SQ.MT.	(V1) 8.66 x 10.55 (H.P) = 91.36 (V2) 8.66 x 1.71 (H.P) = 14.81 TOTAL = 106.17
TOTAL	939.01 SQ.MT.	= 1069.48

FLOOR	USE	UNIT	FL.AREA	F.S.I AREA	B.UP AREA
BASEMENT	PARKING	-----	-----	-------	832.19
GR.FL.(SP)	COMM.	06	191.05	191.05	191.05
GR.FL.(HP)	PARKING	-----	-----	-------	579.64
1st.FL.	RESI.	08	670.72	670.72	770.69
2nd.FL.	RESI.	08	670.72	670.72	770.69
3rd.FL.	RESI.	08	670.72	670.72	770.69
4th.FL.	RESI.	08	670.72	670.72	770.69
5th.FL.	RESI.	08	670.72	670.72	770.69
6th.FL.	RESI.	08	670.72	670.72	770.69
7th.FL.	RESI.	08	670.72	670.72	770.69
STAIR CABIN	----	---	---	---	118.24
L.M.R. & O.H.W.T.	----	---	---	---	69.14
TOTAL	COMM.+RESI.	6+56 =62	4886.09	4886.09	7185.09

B.UP AREA CALC. ON BASEMENT.PLAN	IN.SQ.MTS.
21.71 x 20.61 =	447.44
22.24 x 17.30 =	384.75
	=832.19
B.UP AREA CALC. ON BASEMENT.PLAN	= 832.19 SQ.MTS

PERCOLATING WELL CALC:-

REQ.500 TO 1500 SMT= 1 NOS.
1457.00 / 1500.00 = 0.97 NOS.
SAY REQ. P.WELL = 1 NOS.
PROVI. P.WELL = 1 NOS.

TREE PLANTATION CAL. :

PLOT AREA = 1457.00 SQ.MT.
200.00 SQ. MT. = 3 NOS. TREE REQ.
1457.00 / 200.00 x 3 = 24 NOS.
SAY 24 NOS.
PROVIDE 24 NOS. TREE.

CONTAINER BIN AREA CAL. (RESI.)

RESI : 1 UNIT 10 LIT. REQ. 1 CONTAINER
TOTAL UNIT 56 x 10 LIT. = 560 LIT.
560/80 = 7.00 NOS. CONT.
REQU. 7 NOS BIN OF 80 LIT CAP.
PROVI. 7 NOS BIN OF 80 LIT CAP.

CONTAINER BIN AREA CAL. (COMM.)

FOR 100 SQMT. PER AREA REQ. 20 LTR CAPACITY CONTAINER BIN
COMMERCIAL FLOOR AREA =191.05 SQMT.
CONTAINER BIN CAPACITY REQ. = (191.05 X 20)/100=38.21 LTR
PROVIDE 1 CONTAINER BIN OF 80 LTR CAPACITY

ODPS APPLICATION ID : 717803 **1/3**

LAYOUT PLAN SHOWING PROPOSED RESIDENTIAL + COMMERCIAL BUILDING ON F.P. NO: 839, OF T.P.S. NO:28 (NAVA WADAJ) (4TH VARIED DRAFT SANCTIONED) [R.S. NO. 391/2/1, O.P. NO: 839] MOJE: WADAJ, TAL: SABARMATI, DIST: AHMEDABAD.

SCALE : 1.00 CM = 2.00 MT

ZONE :- RESIDENTIAL - I (R1)+ OVERLAY ZONE TOZ (BRTS)

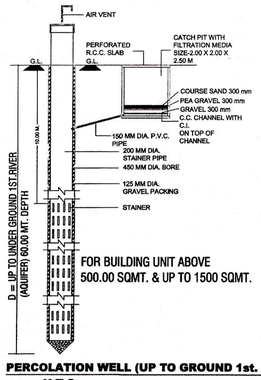
USE :- RESIDENCE+COMMERCIAL (SHOPS + DWELLING - 3)

AREA TABLE	IN SQ. MTS.
PLOT AREA OF F.P NO:-839	1457.00
PERMI. F.S.I. AREA (1457.00 x 1.8)	2622.60
PERMI. F.S.I. AREA (1457.00 x 0.90)	1311.30
PERMI. T.O.Z. F.S.I. AREA (1457.00 x 1.30)	1894.10
TOTAL PERMI.+CHARG.+T.O.Z. F.S.I. AREA	5828.00
TOTAL USED F.S.I. AREA	4886.09
USE CHARGABLE F.S.I. AREA	**1311.30**
USED T.O.Z. F.S.I. AREA (4886.09-2622.60-1311.30)	**952.19**

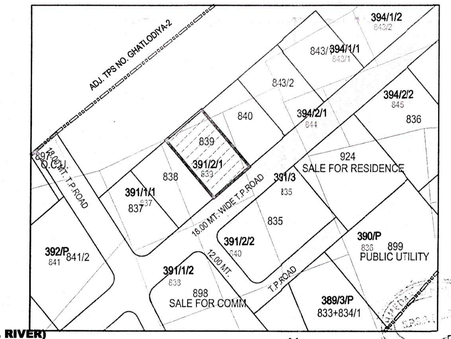
COLOUR NOTE

PLOT BOUNDRY, ROAD / PATHWAY, PROP. WORK, PROP.DRAINAGE, TREE, CONTAINER BIN, P.WELL, SPRINKLER

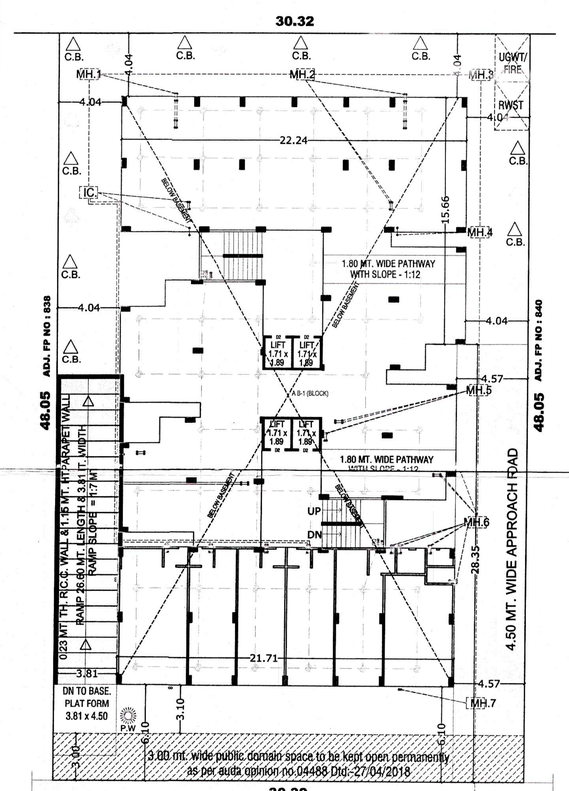
RESPONSIBILITY (C.G.D.C.R.-2017 C.L. NO. 3.3.3.4 & 3.6) :- APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SHALL NOT DISCHARGE THE OWNER, ENGINEER, ARCHITECT, CLERK OF WORKS/SITE SUPERVISOR, STRUCTURAL DESIGNER, DEVELOPER, OWNER FROM THEIR RESPONSIBILITIES, IMPOSED UNDER THE ACT, THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TORT AND LOCAL ACTS.
LIABILITY (C.G.D.C.R.-2017 C.L. NO. 2.3.1) :- NOTWITHSTANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK S.HALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY



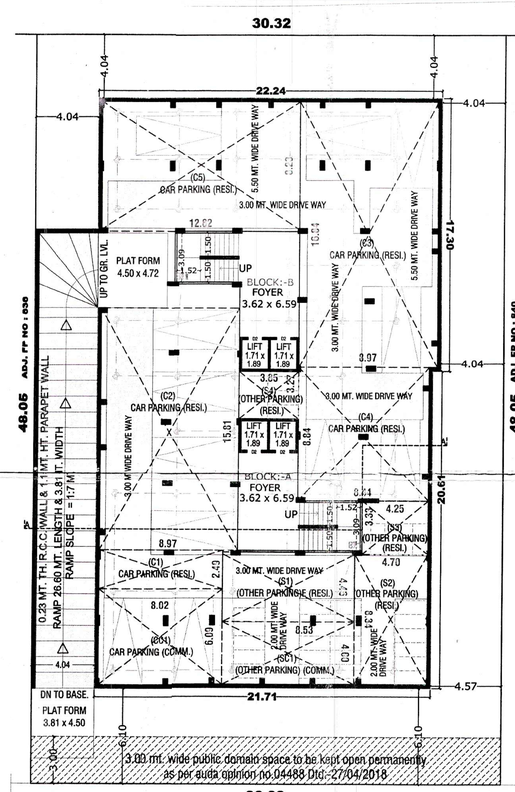
PERCOLATION WELL (UP TO GROUND 1st. RIVER)
N.T.S.



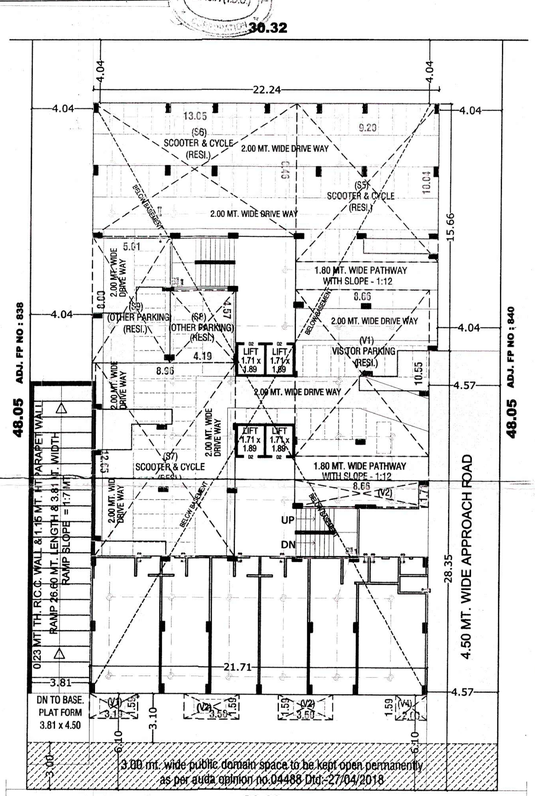
KEY PLAN
SCALE:-1CM. = 20M.



LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.



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



GROUND LVL. PARKING
SCALE :- 1.00 CM. = 2.00 MT.

C. N. DEVELOPERS
REG. LIC. NO.:- DEV 159220220
C. N. DEVELOPERS
4, Kunj Bhuvan Society, Nava Vadaj, Ahmedabad-13.
Lic.No.:-DEV-159220
DEVELOPER

(SHRI JAYNTIBHAI PATEL)
(SMT HANSABEN HASHMUKHBHAI PATEL)
OWNER

VIJAY A. MEHTA
REG. LIC. NO.:- SD 0199190322R3
VIJAY A. MEHTA
STRUCTURAL DESIGNER (GRADE-I)
AMC LIC NO. SD 0199190322 R3
27/135, HAPPY HOME APARTMENT
ST-ENGINEER
AHMEDABAD - 380015

BHARATKUMAR N. VYAS
REG. LIC. NO.:- ER 0047170721R3
ENGINEER
BHARATKUMAR N. VYAS
B. E. (Civil)
AMC Lic No. ER 0047170721R3
C.G.-15, Jagdish Society, C.T.M.,
Ramol Road, AHMEDABAD-26.

BHARATKUMAR N. VYAS
REG. LIC. NO.:- CW 0631181219
Clerk of Works
BHARATKUMAR N. VYAS
B. E. (Civil)
AMC Lic No. CW0631181219
C.G.-15, Jagdish Society, C.T.M.,
Ramol Road, AHMEDABAD-26.

AUTHORITY

Ahmedabad Municipal Corporation
ODPS Application ID : 717803
Case No: BLNT/WZ/201018/CGDCRV/A0384/R0/M1
This Development permission has been granted through ODPS (Online Development Permission System) on I.F.P.: (Investor Facilitation Portal) as provided in Notification No: EDB/172018/3784/L, Dtd.26/04/2018, Dtd.25/09/2018, Notification No: PRCH/102018/7198/L, Dtd.15/10/2018, & others of Urban Development and Urban Housing Department,Government Of Gujarat and directions issued by Competent Authority from time to time,under provision of Comprehensive General Development Control Regulations-2017.
Plan approved as per terms and condition mentioned in the commencement Certificate (Rajachitthi)
Raja Chitthi Number : 00347/201018/A0384/R0/M1
Date: 23/10/2018

T.D.Sub Inspector (B.P.S.P) | T.D.Inspector (B.P.S.P.) | Asst.T.D.O. (B.P.S.P.)

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Dt.....23/10/18.....
BPSP, TDO, AMC

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