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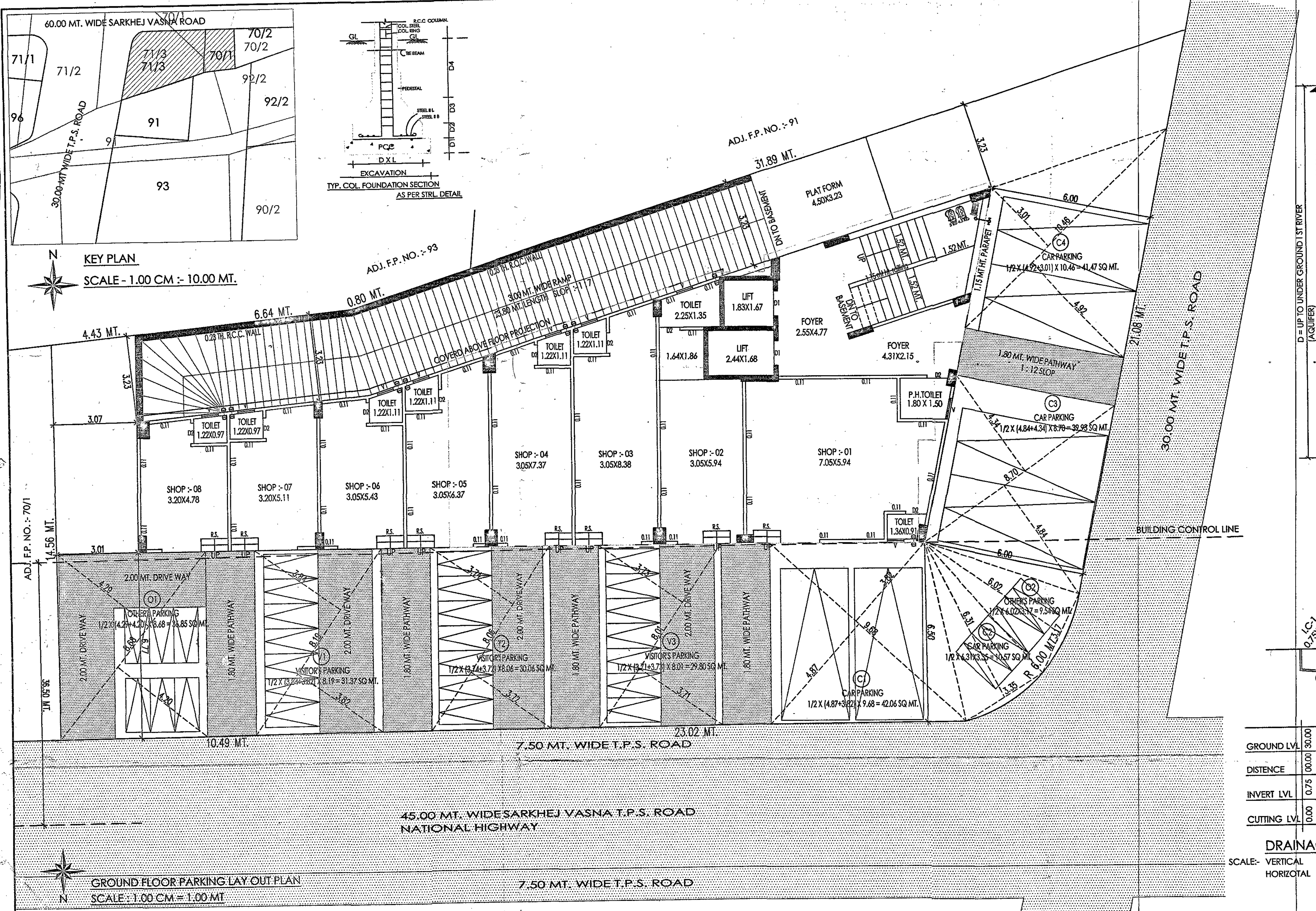
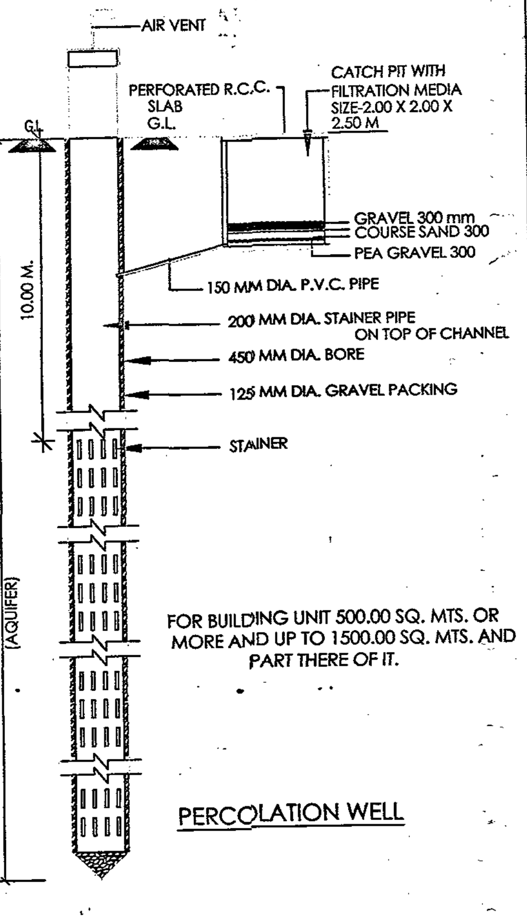
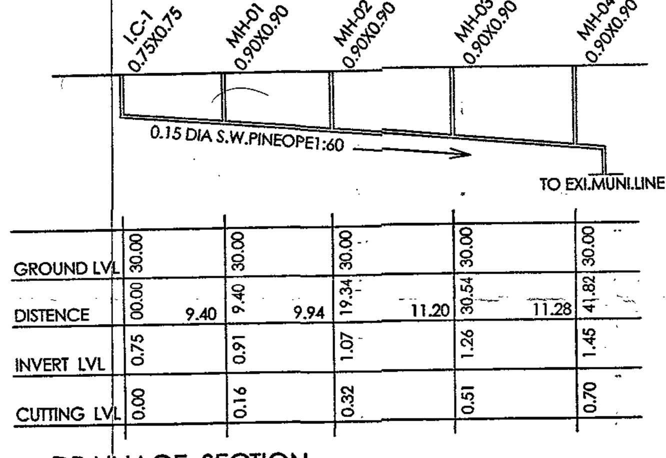






DRAINAGE SECTION

SCALE:- VERTICAL :- 1 CM = 1.00 MT
HORIZOTAL :- 1 CM = 5.00 MT

PARKING AREA TABLE. (COMM.) (PLOT AREA < 750.00 SQ MT.)				
TOTAL PROP.USED F.S.I AREA (TOTAL UTILISED F.S.I.) = 1478.52 SQ MT. FOR COMM.AREA REQ.PARKING AREA @ 30 % OF 1478.52 = 443.56 SQ MT.				
PARKING AREA STATMENT				
VEHICAL	REQUIRE PARKING	PROV.PARKING		
	FOR COMM. USE PERCENT BREAKUP	GR. LVL	BASEMENT	TOTAL
CAR PARKING	@ 50 % OF REQ PARK 221.78 SQMTS	134.03	89.61	223.64
OTHER'S PARKING	@ 30 % OF REQ PARK 133.07 SQMTS	46.39	84.95	131.34
VISITOR'S PARKING	@ 20 % OF REQ PARK 88.71 SQMTS	91.23	—	91.23
TOTAL PARK.	443.56 SQMTS	271.65	174.56	446.21

COMM.PARKING PROVISION

CAR PARKING
- C1. 1/2 X (4.87+3.82) X 9.68 MT X 1 NOS = 42.06 SQ MT. (GR. LVL.)
- C2. 1/2 X 6.31 MT X 3.35 MT X 1 NOS = 10.57 SQ MT. (GR. LVL.)
- C3. 1/2 X (4.84+4.34) X 8.70 MT X 1 NOS = 39.93 SQ MT. (GR. LVL.)
- C4. 1/2 X (4.92+3.01) X 10.46 MT X 1 NOS = 41.47 SQ MT. (GR. LVL.)
- C5. 1/2 X (4.21+7.39) X 15.45 MT X 1 NOS = 89.61 SQ MT. (BASEMENT)

TOTAL = 223.64 SQ MT.

OTHER'S PARKING
- O1. 1/2 X (4.29+4.20) X 8.68 MT X 1 NOS = 36.85 SQ MT. (GR. LVL.)
- O2. 1/2 X 6.02 MT X 3.17 MT X 1 NOS = 9.54 SQ MT. (GR. LVL.)
- O3. 1/2 X (3.37+3.75) X 7.51 MT X 1 NOS = 26.74 SQ MT. (BASEMENT)
- O4. 1/2 X (4.90+4.27) X 10.77 MT X 1 NOS = 49.38 SQ MT. (BASEMENT)
- O5. 1/2 X (1.32+2.09) X 5.18 MT X 1 NOS = 8.83 SQ MT. (BASEMENT)

TOTAL = 131.34 SQ MT.

VISITOR'S PARKING
- V1. 1/2 X (3.84+3.82) X 8.19 MT X 1 NOS = 31.37 SQ MT. (GR. LVL.)
- V2. 1/2 X (3.74+3.72) X 8.06 MT X 1 NOS = 30.06 SQ MT. (GR. LVL.)
- V3. 1/2 X (3.71+3.73) X 8.01 MT X 1 NOS = 29.80 SQ MT. (GR. LVL.)

TOTAL = 91.23 SQ MT.

NOTE:-
- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOLE IS VERYFIED ME ON SITE AND PREMISES GATES DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO GDCR - 2021 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.5.3 OF THE GDCR - 2021 THE STRUCTURE OF THE BUILDING IS DESIGN AS PER THE NOR.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.12 AND 23.14 AND 24.6 OF G.D.C.R. ALL VERANDAH & TERRACE PARA. ARE 0.11M THICK
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.5 OF GDCR - 2021
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.7 OF GDCR - 2021
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF GDCR - 2021
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHEPTER NO. 24 OF GDCR - 2021
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 23.11
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.10.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF GDCR - 2021
- SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.7 OF THE GDCR - 2021
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.1.7 OF GDCR - 2021
- THE PAVING OF BUILDING UNIT/FINL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 23.1.4 OF GDCR - 2021
- THE STRUCTUE OF THE BUILDING IS AS PER THE NORMS OF THE SPECIFIED IN THE INDIAN STANDARD AND TAKE NACESSARY ACTION FOR THE STRUCTRAL SAFETY DURING THE CONSTRUCTION
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.2 OF GDCR - 2021. AS PER THE CLAUSE NO. 27.2 OF GDCR - 2021
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF GDCR - 2021
- TREE PALNTATION IS PROVIDED AS PER THE CLAUSE NO. 27.5 OF GDCR - 2021
- *FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPETER NO. 24 OF GDCR - 2021*
- MAINTANANCE AND UPGRADATION OF BUILDING IS AS PER CHAPETER NO. 29 OF GDCR - 2021

The Basic Requirements For Fire Protection Of High - Rise Building In A.M.C and 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 underground water tank with a capacity to discharge the 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 100mm. 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 Down - comer.

On 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 separate riser with all fittings at each 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. shut - off nozzle at each floor landing. The length of the hose reel hose should be enough to reach the farthest corner 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 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 than 20,000 liters.
The UNDERGROUND TANK shall be of a capacity 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 lifts as a fire - lift and if the building is divided in to 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 EXTINGUISHERS :

One Carbon Dioxide (CO 2) type extinguisher of 4.5 kg. and one extinguisher of 5kg. Dry Chemical Powder (DCP) to be installed on each floor in case of commercial building.

Two Carbon Dioxide (CO2) type extinguisher of 2 kg. capacity on each floor and 5kg. Dry Chemical Powder (DCP) type extinguisher on alternate floors in case of residential buildings.

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 center core of the building it has uto be pressurized to prevent it getting smoke logged.

The Riser / Down - corner should be located in the staircase or close to in to make it easily approachable n case of fire from the - floor below or above.

(6) BASEMENT :

The basement of 200.00 sq.meters or more should be protected with Automatic Sprinkler system with at least one sprinkler head for a car parking space.

Additionally be protected by a hydrant outlet and two 25mm. 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.

CASE NO :	SHEET NO : 1/5
PERMI NO :	DATE :

REVISED PLAN SHOWING PROP. COMM. BUILDING ON
DRAFT T.P.S. NO. : 85 (SARKHEJ MAKARBA OKAF) F.P. NO. : 71/3+70/1
R.S.No:-8812, 89, 9013 AT : MAKARBA , TALUKA : VEJALPUR , DIST- A.BAD.

SCALE : 1.00 CM = 1.00 MT — ZONE :- RESIDENCE - I (R1)

USE OF THE CONSTRUCTION :- COMM.

AREA TABLE (IN SQMTS)	APPROVED	REVISED
PLOT AREA OF F.P. NO. :- 71/3+70/1	563.00	730.00
PROP. BUILT UP AREA ON GROUND FLOOR	181.90	249.85
OPEN PLOT AREA ON GROUND FLOOR	381.10	480.15

F.S.I. AREA TABLE (IN SQMTS)	APPROVED	REVISED
PLOT AREA	563.00	730.00
PERMI. F.S.I. AREA 1 : 1.8 (730.00 X 1.80)	1013.40	1314.00
PERMI CHARGEABLE F.S.I. @ 0.90 (730.00 X 0.90)	506.70	657.00
TOTAL PERMI. F.S.I. INCL. CHARGEABLE	1520.10	1971.00
PROP. F.S.I. AREA ON GROUND FLOOR S.P.	135.01	198.90
PROP. F.S.I. AREA ON FIRST FLOOR	135.01	213.27
PROP. F.S.I. AREA ON SECOND FLOOR	135.01	213.27
PROP. F.S.I. AREA ON THIRD FLOOR	135.01	213.27
PROP. F.S.I. AREA ON FOURTH FLOOR	135.01	213.27
PROP. F.S.I. AREA ON FIFTH FLOOR	135.01	213.27
PROP. F.S.I. AREA ON SIXTH FLOOR	135.01	213.27
PROP. F.S.I. AREA ON SEVENTH FLOOR	135.01	—
TOTAL PROP.USED F.S.I AREA (TOTAL UTILISED F.S.I.)	1080.08	1478.52
~~USED CHARGEABLE F.S.I AREA (1314.00 - 1478.52)~~	~~66.68~~	~~164.52~~

BUILT UP AREA TABLE (IN SQMTS)	APPROVED	REVISED
PROP. BUILT UP AREA ON BASEMENT	—	245.35
PROP. BUILT UP AREA ON GROUND FLOOR	181.90	249.85
PROP. BUILT UP AREA ON FIRST FLOOR	181.90	249.85
PROP. BUILT UP AREA ON SECOND FLOOR	181.90	249.85
PROP. BUILT UP AREA ON THIRD FLOOR	181.90	249.85
PROP. BUILT UP AREA ON FOURTH FLOOR	181.90	249.85
PROP. BUILT UP AREA ON FIFTH FLOOR	181.90	249.85
PROP. BUILT UP AREA ON SIXTH FLOOR	181.90	249.85
PROP. BUILT UP AREA ON SEVENTH FLOOR	181.90	—
PROP. BUILT UP AREA ON STAIR CABIN	47.38	46.92
PROP. BUILT UP AREA ON LIFT MACH. ROOM	12.64	14.74
PROP. BUILT UP AREA ON O.H. WATER TANK	24.58	20.25
PROP. TOTAL BUILTUP AREA	1539.80	2076.21

TENEMENT TABLE

FLOOR	USE		TENA		FLOOR AREA	
	APPR.	REVISED	APPROVED	REVISED	APPR.	REVISED
GR. FL.	COMM.	COMM.	3 OFFICE	8 SHOP	135.01	179.04
FIRST FL.	COMM.	COMM.	3 OFFICE	1 OFFICE	135.01	199.01
SECOND FL.	COMM.	COMM.	3 OFFICE	1 OFFICE	135.01	199.01
THIRD FL.	COMM.	COMM.	3 OFFICE	1 OFFICE	135.01	199.01
FOURTH FL.	COMM.	COMM.	3 OFFICE	1 OFFICE	135.01	199.01
FIFTH FL.	COMM.	COMM.	3 OFFICE	1 OFFICE	135.01	199.01
SIXTH FL.	COMM.	COMM.	3 OFFICE	1 OFFICE	135.01	199.01
SEVENTH FL.	COMM.	—	3 OFFICE	—	135.01	—
TOTAL	—	—	24 OFFICE	8 SH+6 OFF	1080.08	1373.10

SCHEDULE OF OPENING

R.S. :- 2.44 X 2.10 D2 :- 0.76 X 2.10 W2 :- 1.52 X 1.20
D1 :- 0.91 X 2.10 W1 :- 1.83 X 1.20 V :- 0.61 X 0.61

R.C.C STAIR DETAIL

WIDTH :- 1.52 MT
TREAD :- 0.30 MT
RISER :- 0.16 MT

COLOUR NOTE

PROP. WORK — APP. WORK — PERCOLATION WELL — PARKING
PROP. DRN — APP. DRN — TREE — DUST BIN

PERCOLATING WELL :-

TOTAL PLOT AREA = 730.00 SQ.MT.
REQUIRED P.W. = UP TO 500 TO 1500
730.00 / 1500.00 = 0.49 P.W.
SAY = 1 P.W.
PROVIDED = 1 P.W.

TREE PLANTATION :-

200 SQ.MT. 3 TREE (REQD. & PROVI.)
730.00 X 3 / 200 SQ.MT. = 10.95 NOS. TREE
SAY - 11 NOS. TREE
PROVIDED - 11 NOS. TREE

DUST BIN :- COMM.

TOTAL COMM. FLOOR AREA = 1373.10 SQ MT.
REQUIRED 100 SQ.MT. = 20 LITER
~~1373.10 X 20 / 100. - 274.62 LIT.~~
SAY - 275.00 LIT.
275.00 / 80 LIT. - 3.44 D.BIN
SAY - 4 D.BIN PROVIDED :- 4 D.BIN

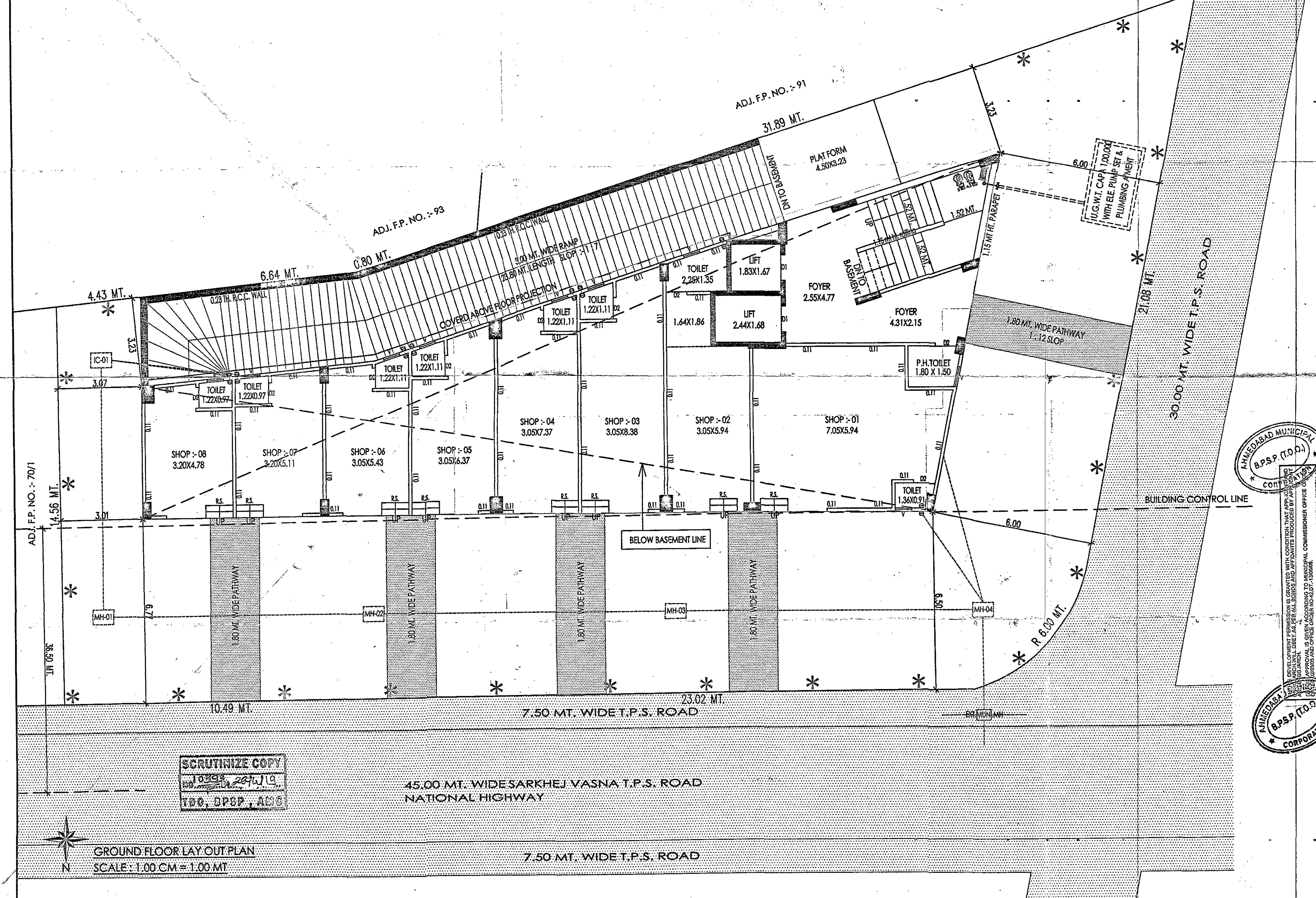
NOTE- IT IS CERTIFY THAT THE PLOT IS SURVEYED BY ME ON ALL DIMENSION SITES SHAPE AND ARE SHOWN ON PLAN AREA TALLIES WITH SITE POSITION OF OCCURRENCE AS AN ENGINEER, I AM FULLY RESPONSIBLE FOR THAT.
AS AN ENGINEER I CERTIFY THAT ALL REQUIREMENTS UNDER G.D.R. HAS BEEN VERIFIED BY ME AND THE SITE LAND IS SUITABLE FOR PROPOSED CONSTRUCTION. THE PLOT DIMENSIONS AS SHOWN IN THE PLAN CORRESPONDS WITH THE SIDE.

ENGINEER CERTIFICATE
ENGINEER IS FULLY RESPONSSIBLE FOR LEVING MARGINAL OPEN SPACE & ROAD LINE PORTION.

DRAINGE CERTIFICATE
THE DEPTH OF POSITION OF EXIS. M.H. IS CHACKED VARIFIED PERSONALLY BY ME ON SITE PREMICES CAN GET CONNECTION AS SHOWN IN PLAN

PROPOSED SANITARY PROVISION :-

TOTAL FLOOR AREA	=	1373.10 SQ.MTS.
4.00 SQ.MT.	=	1 PERSON
1373.10 / 4	=	343.27 PERSON
SAY	=	344 PERSON
21 to 100 PERSON	=	04 W.C. GENTS+ 04 URINAL
	=	04 W.C. LADIES
101 to 344 PERSON	=	05 W.C. GENTS+ 05 URINAL
	=	05 W.C. LADIES
25% COM. REQUIRE	=	03 W.C. GENTS+ 03 URINAL
	=	03 W.C. LADIES
PROV.	=	03 GENTS + 03 URINAL (@ FIRST FL. TO THIRD FL.) 03 LADIES (@ FOURTH FL. TO SIXTH FL.) 01 P.H. TOILET (@ GROUND FLOOR)



D. H. PATEL
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Dharoi Colony Road, Visnagar.
STRU.ENGINEER.

FOR, PAN ENTERPRICE
PARTNER
OWNER

HIREN M. THAKKAR
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ENGINEER/C.O.W.

T-SQUARE CONSULTANT
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Developers :
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DEVELOPERS

AHMEDABAD MUNICIPAL CORPORATION B.P.S.P. (T.D.O.)

RESPONSIBILITY (G.D.C.R.-2021 C.L. NO. 4.3,4.4 & 4.5) :-
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 (G.D.C.R.-2021 C.L. NO. 3.3.1) :-
NOTWITHSTANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL 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

- બાધકામની સ્ટ્રક્ચરલ ડિઝાઇન, સ્ટેબીલીટી, સલામતી ગુણવત્તા વિ. અંગેની જવાબદારી અ.મ્યુ.કો. ની તથા તેના અધિકારીઓની/કર્મચારીઓની રહેશે નહી. આ અંગે અરજદાર/માલિક તથા એન્જીનીયરે રજૂ કરેલ "પ્રમાણ પત્રો/ બાંહેધરી પત્રો તથા રીપોર્ટને અધીન સઘળી જવાબદારી તેઓની રહેશે.
- કેસમાં રજૂ કરવાના થતા સોઇલ રીપોર્ટ,સ્ટ્રક્ચરલ રીપોર્ટ, સ્ટ્રક્ચરલ ડ્રોઇંગ વિ. અંગે ફક્ત રેકર્ડ હેતુ માટે હોઇ તે અંગેની જવાબદારી અ.મ્યુ.કો. ની તથા તેના અધિકારીઓ / કર્મચારીઓની રહેશે નહી.

શહેરી વિકાસ અને શહેરી ગૃહનિર્માણ વિભાગના પત્ર ક્રમાંક નં. પરચ/૧૦૨૦૧૦/૬૩૨૫/પી તા-૧૬-૧૧-૧૦ ના પત્ર અનુસાર બાંધકામની જગ્યાએ મોટા અક્ષરે ગુજરાતી ભાષામાં બાંધકામની તમામ વિગતો દર્શાવતું બોર્ડ કાયમી મૂકવાની શરતે.

Ahmedabad Municipal Corporation

Zone: SOUTH WEST

Case No. : BLNTI/SWZ/010317/GDR/A8131/R1/M1

Plan Approved as per terms and condition mentioned in the Commencement Certificate

Raja Chitthi Number : 10810/010317/A8131/R1/M1

Date : 02/05/2019

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

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
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