

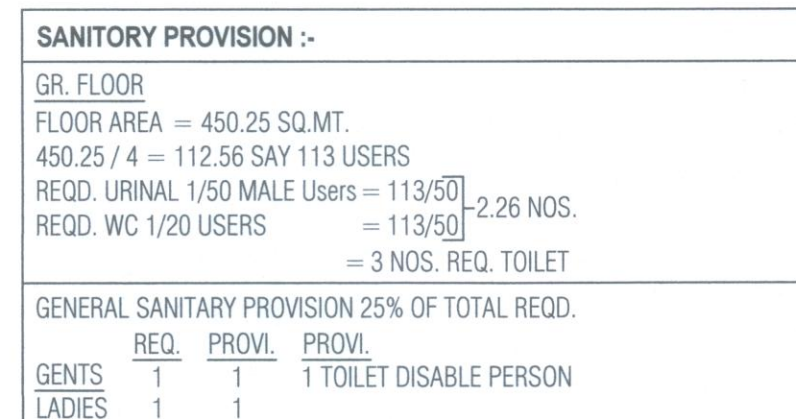
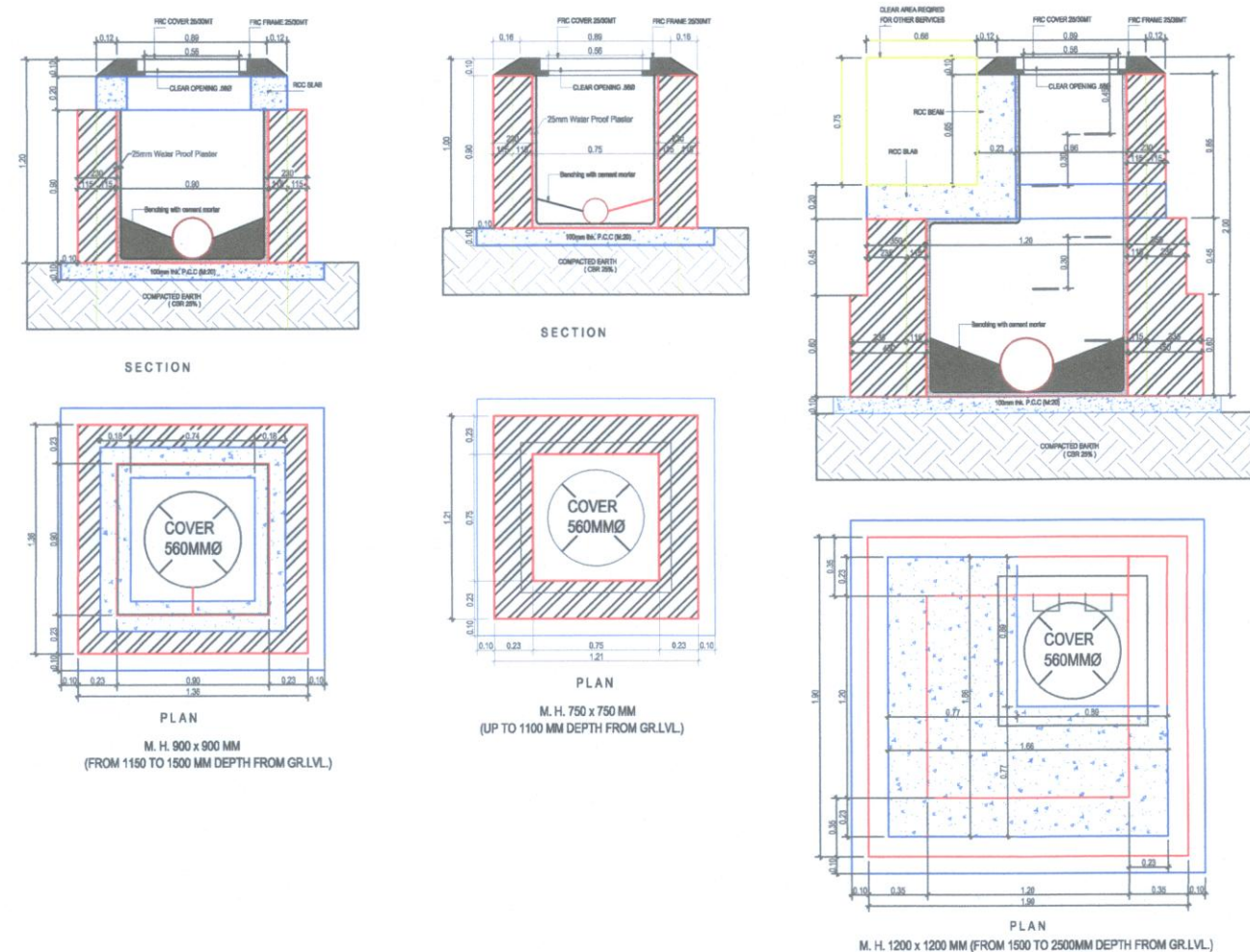


Diagram illustrating a road section showing the drainage system. The cross-section includes layers from top to bottom: PAVEMENT (with PAVEMENT BLOCK PATHWAY and STONE AGGREGATE SAND), CEMENT CONCRETE, and SUBGRADE (with COMPACTED SAND). A DRAINAGE PIPE LINE is shown below the subgrade, with a WATER PIPE LINE below it. A PAVEMENT BLOCK PATHWAY is also indicated on the right side of the pavement.



RESIDENTIAL AFFORDABLE HOUSING PROJECT		
LAYOUT PLAN SHOWING DRAINAGE PLAN		
(REV. SUR. NO.:- 53/2, O.P. NO. :- 28/2)		
T.P.S. NO.:- 117 (VASTRAL) PRELIMINARY		
MOJE:- VASTRAL , TALUKA:- VATVA , DIST.:- AHMEDABAD.		
SCALE : 1 CM = 2.00 MT	ZONE : R2 + R.A.H.	USE : COMM.+RESI.
AREA TABLE :-		SQMT
PLOT AREA		2914.00
REQ. COMMON PLOT @ 10 %		291.50
PROVI. COMMON PLOT		292.22
PROPOSED F.S.I. AREA ON GR. FLOOR (S.P.)		450.25
PROPOSED F.S.I. AREA ON 1st. FLOOR		979.76
PROPOSED F.S.I. AREA ON 2nd. FLOOR		979.76
PROPOSED F.S.I. AREA ON 3rd. FLOOR		979.76
PROPOSED F.S.I. AREA ON 4th. FLOOR		979.76
PROPOSED F.S.I. AREA ON 5th. FLOOR		979.76
PROPOSED F.S.I. AREA ON 6th. FLOOR		979.76
PROPOSED F.S.I. AREA ON 7th. FLOOR		979.76
TOTAL USE F.S.I.		7308.57
PERMI. F.S.I. AREA (1:1.8) 2914.00 x 1.8		5245.20
PERMI. CHARGEABLE F.S.I. @ 0.9 OF PLOT AREA (2914.00 x 0.90)		2622.60
TOTAL PERMISSIBLE F.S.I. AREA (5245.20 + 2622.60)		7867.80
TOTAL CHARGEABLE F.S.I. (7308.57 - 5245.20)		2063.37
BALANCE CHARGEABLE F.S.I. AREA		559.23
COLOUR NOTE		
F.P. BOUNDARY	BUILDING	
PROP. DRAINAGE	INTERNAL ROAD	
P.W.	T.P. ROAD	
WATER LINE	ELECTRICAL LINE	
<i>Utsav Patel</i> Utsav Patel 89, Riddhi Society Ghatlodia, Ahmedabad-380061 DEVELOPER Lic. No.: DEV1271310324 <i>H. B. Merja</i> HIRENBHAI B. MERJA AMC-ENG-HR-LIC.NO.: 001ERH09032610243 F/303, VISHWASH PLATINUM-1 SOLA, AHMEDABAD - 60 DEVELOPER ENGINEER		
<i>Nitin J. Patel</i> NITIN J. PATEL AMC LIC NO.001SE17112400446 3, NEW YOGIKRUPA SOCIETY, RANIP, AHMEDABAD-382480. <i>H. B. Merja</i> HIRENBHAI B. MERJA AMC-COW-G1-LIC.NO.: 001CW09032610323 F/303, VISHWASH PLATINUM-1 SOLA, AHMEDABAD - 60 STR.ENGINEER C.O.W.		
<i>FOR HR BLVD INFRA</i> FOR HR BLVD INFRA PARTNER <i>H. B. Merja</i> HIRENBHAI B. MERJA AMC-SOR-G1-LIC.NO.: 001SR09032610758 F/303, VISHWASH PLATINUM-1 SOLA, AHMEDABAD - 60 OWNER S.O.R.		

સદર પ્રકરણે ચાલેખવ અંક. અંક. આઈ. ના નાણા ના હામ
ચુકવવાના હોઈ, તે વસુલાત બાબતે બી. યુ. પરમીશન
પ્રાપ્ત કરે તે સંવિધાનનો અનિવાર્ય મેળવવાનો રહેશે.

શહેરી વિકાસ અને શહેરી ગૃહનિર્માણ વિભાગના પદ્ય કચ્છો ની
 રજી/૮૦૨૭૭૦/૬૩૨૫૫ની તા-૧૬-૧૧-૧૦ ના થત અનુસાર બાંધકામની
 યજ્ઞલે મોટા અસરે ગુજરાતી ભાષામાં બાંધકામની તથા વિષયો દર્શાવતું ગોડ
 ડાઉન નૃકલની શરતે.

1	PLOT AREA	2914.00
2	PERMISSIBLE FSI	3496.80
3	PERMISSIBLE CHARGEABLE FSI	3371.00
4	MAX. PERMISSIBLE F.S.I. (2+3)	7867.80
5	TOTAL UTILISED F.S.I.	7308.57
6	UTILISED CHARGEABLE F.S.I. (5-2)	3811.77
7	MAX. PERMISSIBLE F.S.I. COMMERCIAL	730.86

BLOCK	CONSUME F.S.I.			No. Of Cont.	RESIDENTIAL Dwelling Unit Up 50 sq.mt				RESIDENTIAL Dwelling Unit more than 50 sq.mt and up to 66 sq.mt				Dwelling Unit more than 66 sq.mt and up to 90 sq.mt			OTHER F.S.I.		COMM F.S.I.	
	COMM / OTHER	RESI	TOTAL		Unit	No. Of Unit	F.S.I. AREA	% USED F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	No. Of Unit	F.S.I. AREA	% OF USED F.S.I.	USED F.S.I.	% OF USED F.S.I.	USED F.S.I.	% OF USED F.S.I.	
A+B	305.35	4952.40	4667.55	10	0	0.00	0.00	0	0.00	0.00	56	4362.40	100.00	0.00	0.00	305.35	6.54		
C	145.10	2095.92	2641.02	5	5	0.00	0.00	0	0.00	0.00	28	2095.92	100.00	0.00	0.00	145.10	5.49		
TOTAL	450.35	6688.32	7308.57	15	0	0.00	0.00	0	0.00	0.00	84	6688.32	93.84	0.00	0.00	450.35	6.16		

GRAND TOTAL DETAIL				
Sr. No.	Dwelling Unit Type	NO. OF Unit	Used F.S.I.	Chargeable F.S.I.
A	COMMERCIAL UNIT	15	450.25	6.16
B	Up 50 sq.mt	0	0	0.00
C	more than 50 and up to 66	0	0.00	0.00
D	more than 66 and up to 80	84	6688.32	93.84
E	Wth. Aft. F.S.I. (40% slab)	0	0	0.00
	Grand Total	99	7308.57	100.00
				3811.77

RESI. PARKING AREA CALCULATION :-	
RESI. USE F.S.I. AREA :- 6858.32 SMT.	
PARKL. = 6858.32 x 20% = 1371.66 SMT.	
REQ. CAR PARKING 50%	= 685.83
REQ. OTHER PARKING 40%	= 548.66
REQ. VISITOR PARKING 10%	= 137.17
TOTAL	= 1371.66

	GR. LEVEL	BASEMENT	
CH-1	545.66		939.66
CH-2	546.66	568.28	939.66
CH-3	546.66	568.28	939.66
RESIL	137.17	68.39	176.39
CH-4	546.66	568.28	939.66
REST. PARKING AREA CALC.			
IN BASE - (B-42)	137.17 x 12.11		1660.37
IN BASE - (B-43)	137.17 x 12.11		1660.37
IN BASE - (B-44)	210.7 x 12.11		1554.84
IN BASE - (B-45)	137.17 x 12.11		1660.37
IN H.P. - (A-01)	15.68 x 12.11		190.05
IN H.P. - (C-01)	15.68 x 12.11		190.05
			= 866.56
TOTAL CH-4 PARKING AREA = 999.65			
OTHER PARKING			
IN BASE - (B-40)	100.0 x 11.14		1114.00
IN BASE - (B-47)	112.0 x 7.53		84.34
IN BASE - (B-48)	7.73 x 15.73		121.59
IN BASE - (B-49)	214.5 x 8.77		188.12
IN BASE - (B-50)	214.5 x 8.77 + 5.89 x 15.73		56.82
			= 568.28
TOTAL OTHER PARKING AREA = 568.28			
VISITOR PARKING			
IN H.P. - (B-02)	180.7 x 7.53		296.85
IN H.P. - (B-02)	194.4 x 4.48		223.32
IN H.P. - (C-03)	174.7 x 8.74		371.36
IN BASE - (B-1A)	11.57 x 15.07 + 1.43 x 9.0		56.82
			= 157.36
TOTAL VISITOR PARKING AREA = 157.36			

COMM. PARKING AREA CALCULATION :-	
COMM. USE F.S.I. AREA :- 450.25 SMT.	
PARKI. $\rightarrow$ 450.25 x 50% = 225.13 SMT.	
REQ. CAR PARKING 50%	= 112.57
REQ. OTHER PARKING 30%	= 67.54
REQ. VISITOR PARKING 20%	= 45.02
TOTAL	= 225.13

CAR	TOTAL	GR. FLOOR	BASEMENT	TOTAL
CAR	112.92		161.18	161.18
OTHER	67.54	106.83	---	106.83
VISITOR	45.02	47.04	---	47.04
TOTAL	225.48	153.87	161.18	315.05
COMM. PARKING AREA CALC.				
CAR PARKING				
IN BASE. (BA-01)	13.31 x 12.11			= 161.18 SMT.
TOTAL				= 161.18 SMT.
TOTAL CAR PARKING AREA = 161.18 SMT.				
OTHER PARKING				
IN MARG. (M-01)	21.91 x 3.00			= 65.73 SMT.
IN MARG. (M-02)	13.70 x 3.00			= 41.10 SMT.
TOTAL				= 106.83 SMT.
TOTAL OTHER PARKING AREA = 106.83 SMT.				
VISITOR PARKING				
IN MARG. (M-03)	15.68 x 3.00			= 47.04 SMT.
TOTAL				= 47.04 SMT.
TOTAL CAR PARKING AREA = 47.04 SMT.				

BUILT UP AREA TABLE									
FLOOR	BLOCK - A+B			BLOCK - C			TOTAL		GRAND TOTAL
	COMM.	RESID.	TOTAL	COMM.	RESID.	TOTAL	COMM.	COMM.-RESID.	
BASEMENT		125.07	125.07				125.07	125.07	
6th FLOOR (S P)	305.15		305.15	145.10		145.10	450.25		450.25
6th FLOOR (H P)		517.36	517.36		297.57	297.57		815.43	815.43
2nd FLOOR		720.45	720.45		415.46	415.46		1135.91	1135.91
3rd FLOOR		720.45	720.45		415.46	415.46		1135.91	1135.91
4th FLOOR		720.45	720.45		415.46	415.46		1135.91	1135.91
5th FLOOR		720.45	720.45		415.46	415.46		1135.91	1135.91
8th FLOOR		720.45	720.45		415.46	415.46		1135.91	1135.91
9th FLOOR		720.45	720.45		415.46	415.46		1135.91	1135.91
ST CANON		86.39	86.39		54.35	54.35		152.74	152.74
LIN & CHWT		57.04	57.04		29.49	29.49		86.53	86.53
TOTAL	305.15	7541.51	7846.66	145.10	3286.63	3434.73	450.25	10831.14	11281.39

F.S.I AREA TABLE-										
BLOCK -A+B				BLOCK -C				TOTAL		GRAND TOTAL
FLOOR	COMM	RESI	TOTAL	COMM	RESI	TOTAL	COMM	RESI	TOTAL	COMM+RESI
GR. FLOOR (S.P.)	305.15		305.15	145.10		145.10	450.25		450.25	850.40
1st FLOOR		617.20	617.20		356.56	356.56		973.76	973.76	1591.96
2nd FLOOR		623.20	623.20		356.56	356.56		979.76	979.76	1591.96
3rd FLOOR		623.20	623.20		356.56	356.56		979.76	979.76	1591.96
4th FLOOR		623.20	623.20		356.56	356.56		979.76	979.76	1591.96
5th FLOOR		623.20	623.20		356.56	356.56		979.76	979.76	1591.96
6th FLOOR		623.20	623.20		356.56	356.56		979.76	979.76	1591.96
7th FLOOR		623.20	623.20		356.56	356.56		979.76	979.76	1591.96
TOTAL	305.15	4392.40	4697.55	145.10	2495.92	2641.02	450.25	6858.32	7308.57	

UNIT & USE AREA TABLE-										
BLOCK -A+B				BLOCK -C				TOTAL		GRAND TOTAL
FLOOR	COMM	RESI	TOTAL	COMM	RESI	TOTAL	COMM	RESI	TOTAL	COMM+RESI
GR. FLOOR (S.P.)	10		10	05		05	15		15	
1st FLOOR		08	08		04	04		12	12	
2nd FLOOR		08	08		04	04		12	12	
3rd FLOOR		08	08		04	04		12	12	
4th FLOOR		08	08		04	04		12	12	
5th FLOOR		08	08		04	04		12	12	
6th FLOOR		08	08		04	04		12	12	
7th FLOOR		08	08		04	04		12	12	
TOTAL	10	54	64	05	20	25	15	84	84	

FIRE NOTES :-

- (01) ALL BASEMENT PARKING AND HPP SHALL BE FULLY SPRINKLERED
- (02) ALL LOWER BASEMENTS SHOULD HAVE POSITIVE PRESSURE VENTILATION
- (03) ELECTRIC CABLE SHAFT SHOULD HAVE FIRE RESISTANCE DOORS

[illegible][illegible]

DATUM LVL.							
CUTTING LVL.	30.00	28.25	0.75				
	30.00	29.14	0.86				
	30.00	29.00	1.00				
	30.00	28.87	1.13				
	30.00	28.70	1.30				
	30.00	28.46	1.54				
	30.00	28.25	1.75				
	30.00	28.03	1.97				
	30.00	27.88	2.12				
INVERT LVL.							
GROUND LVL.							

SANITARY PROVISION :-		
<u>GR. FLOOR</u>		
FLOOR AREA = 450.25 SQ.MT.		
450.25/4 = 112.56 SAY 113 USERS		
REQD. URINAL 1/50 MALE Users = 113/50 = 2.26 NOS.		
REQD. WC 1/20 USERS = 113/50 = 3 NOS. REQ. TOILET		
GENERAL SANITARY PROVISION 25% OF TOTAL REQD.		
<u>SEWAGE</u>	<u>SEWAGE</u>	<u>PROV. TOILET</u>
1	1	1
1 TOILET DISABLE PERSON		



Diagram illustrating the R.C.C. Column Footing Section. The section shows a column of length L and width B embedded in a footing of depth D . The footing is labeled "R.C.C. COLUMN FOOTING SECTION AS PER STRUCTURAL DESIGN". The diagram also indicates "GR LVL" (Ground Level) and "DEPTH UP TO GOOD SOIL".

11

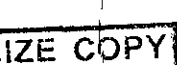
CATCH PIT WITH
FILTRATION MEDIA
SIZE = 2.0x2.0x2.5 M.

25

25

COARSE SAND 300MM
PEA GRAVEL 300MM
GRAVEL 300MM
C.C. CHANNEL WITH C.I. ON TOP OF CHANNEL

C PIPE
MAIN PIPE
RE
GRAVEL PACKING



MINIMIZE COPY

E. D. TR. 10 / 2001

BPSP, AMC

1. HYDRANT SYSTEM

ON/OFF switches located near the hose reel and/or hydrant outlet, at each floor in each main FireUpdat at the underground water tank with a capacity to discharge 1000 litres per minute at 5.5 bar, operates as follows:

- 1.1. **HYDRANT SYSTEM** shall be installed.
- 1.2. The Riser for the hydrant exceeding 18 metres and above 18 metres hydrant shall not be less than 100 mm internal diameter. The riser shall be connected to the main water supply by a 25 mm pipe and a 100V or less as a Down - con.
- 1.3. One riser is required for every 1000sq. meter floor area and if the building is less than 1000sq. meter floor area, there shall be a separate riser also for all the fittings or floor area.
- 1.4. Each floor shall have one hydrant outlet for each floor. Each floor shall have 25 mm discharge 25 mm hose with 1000 sq. meter floor area and 100 sq. meter floor area. The length of the hose reel shall be sufficient to reach the farthest corner of the floor. Hose reel with 15 meter length 100mm dia. hose reel 15 m. hose reel shall be installed. The hose reel shall be coupled to the Riser.
- 1.5. Fire - service inlet shall be installed at a point near the entry to the premises where the fire engine can approach easily.
- 1.6. A permanent hydrant supply connection of 88 mm dia. size 200 psi hydrant shall be installed at the service level.
- 1.7. The hydrant shall be capable of supplying at least 2000 litres per minute.
- 1.8. The Underground tank shall be of a capacity not less than 7,000 litres.

2. FIRE LIFT

The Fire Lift in all the lifts should have a provision to ground automatically in case of electricity failure. Each building should have at least one fire lift and if the building is divided into two or more parts each should have a Fire Lift. The lift shall have down buttons to programme the lift and connected to the fire alarm system. In the event of fire alarm pull station is pressed, so that it prevents all lift getting smoke holed.

3. FIRE ALARM

Fire alarm call point to be installed at each floor with sounders capable of being heard in all parts of the building.

4. FIRE EXTINGUISHERS

- One Carbon Dioxide (CO₂) type extinguisher of 4.5 kg. with SM mark, and one extinguisher of 1.5 kg. with SM mark shall be provided for each floor.
- One water type extinguisher of 9 litres shall be provided for each floor to be installed on each floor in case of commercial building.
- One Carbon Dioxide (CO₂) type extinguisher of 4.5 kg. with SM mark. On two floors of 1000 sq. meter floor area and 200 sq. meter floor area with SM mark on other floors in case of residential building.

If the building is divided into two or more parts then each part should have two extinguishers installed.

5. STAIRCASE

The staircase has to be open from at least one or no sides but if the staircase is in the centre of the building it has to be pressurized to prevent it getting smoke in.

6. BASEMENT:
The basement of 200 sq. meters or more should be protected with Automatic Sprinklers with at least one sprinkler head for actual Car parking space.
Additionally be protected by a Hydramat outlet and two 25 mm. bore Hose reel hoses with bore nozzles at each basement level.

7. LIGHTNING ARRESTER:
A lightning arrester should also be installed and be properly earthed to prevent damage to building when the lightning strikes.

8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES:
If the building falls in a confined area or if it has an enclosed staircase or is not well lit all-on the inside, then adequate photo luminescent (auto glow) signposts should be displayed at each floor / landing / pathway / dead-end and all exit routes leading to the ground level. The signposts 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 supply 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

to power supply to the fire alarm and safety system. The fire alarm electrical supply to the building is switched off at the time of fire.

10. INDIVIDUAL FIRE SAFETY SYSTEM

FIRE SAFETY SYSTEM SHOULD BE PROVIDED IN INDIVIDUAL SHOW ROOM BY OWNER

IMPORTANT INSTRUCTIONS:

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

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

FIRE HYDRANT LEGEND		
S.R.	SYMBOL	DISCRPTION
1		FIRE HYDRANT PIPE
2		SLUICE VALVE
3		NON RETURN VALVE
4		COURT YARD HYDRANT
5		LANDING HYDRANT
6		HOSE BOX
7		FIRST AID HOSE REEL

9 $\xrightarrow{\text{H}^+}$ 10 $\rightarrow$ C₁₂ RISE OR DROP

62 39 12.00 M PUBLIC UTILITY

KEY PLAN

SCALE : 1 CM = 20.00 MT



RESIDENTIAL AFFORDABLE HOUSING PROJECT	
LAYOUT PLAN SHOWING PROP. RESI.+COMM. BUILDING ON F.P. NO.: 28/2, (REV. SUR. NO.: 53/2, O.P. NO.: 28/2) T.P.S. NO.: 117 (VASTRAL) PRELIMINARY MOJE:- VASTRAL, TALUKA:- VATVA, DIST:- AHMEDABAD.	
SCALE: 1 CM = 2.00 MT	ZONE: R2
	SEE SHEET NO.:- 01/09
	USE: COMM.+RESI.
AREA TABLE:-	SQMT
PLOT AREA	2914.00
REQ. COMMON PLOT @ 10 %	291.50
PROVI. COMMON PLOT	292.22
PROPOSED F.S.I. AREA ON GR. FLOOR (S.P.)	450.25
PROPOSED F.S.I. AREA ON 1st FLOOR	919.76
PROPOSED F.S.I. AREA ON 2nd FLOOR	919.76
PROPOSED F.S.I. AREA ON 3rd FLOOR	919.76
PROPOSED F.S.I. AREA ON 4th FLOOR	919.76
PROPOSED F.S.I. AREA ON 5th FLOOR	919.76
PROPOSED F.S.I. AREA ON 6th FLOOR	919.76
PROPOSED F.S.I. AREA ON 7th FLOOR	919.76
TOTAL USE F.S.I.	7308.57
PERMI. F.S.I. AREA (1:1.8) 2914.00 x 1.2	3496.80
PERMI. CHARGEABLE F.S.I. @ 0.9 OF PLOT AREA (2914.00 x 1.5)	4371.00
TOTAL PERMISSIBLE F.S.I. AREA (3496.80 + 4371.00)	7867.80
TOTAL CHARGEABLE F.S.I. (3496.80 + 292.22)	3811.77
BALANCE CHARGEABLE F.S.I. AREA (4371.00 - 3811.77)	559.23
CONTAINER BIN CALC. (COMMERCIAL)	CONTAINER BIN CALC. (RESIDENTIAL)
TOTAL FLOOR AREA = 450.25 SQ.MT.	TOTAL NO. OF UNIT B4
CONF. REQD = 100 SMT = 1 NOS. (20 LTRS CAP)	PER UNIT REQ 10 LTRS 1 CONTAINER
450.25 / 100 = 4.50 SAY 05	MAX.CAPACITY OF CONTAINER 80 LTRS
MAINTAIN CAP. REQD = 80 LTRS.	80 LTRS = 8 UNITS
TOTAL LTRS = 05 x 20 = 100 LTRS.	NO. OF CONT. = 84/8 = 10.50
100/80 = 1.25 SAY 02	REQ. REFUSED CONT. = 11.00 NOS.
PROVI. CONTAINER BIN = 02 NOS.	PROVI. CONTAINER BIN = 11.00 NOS.
COMMON PLOT CALC. IN SMT.	PERCOLATING WELL CALC. IN NOS.
(.64) 14 x (70.10 x 1.61) = 26.92	REQ. 1500 TO 4000 SMT = 1.00 NOS.

TOTAL		=	292.22	2915.00 / 4000.00	=	0.73 NOS.
NET COMMAN PLOT AREA		=	292.22	SAY REQ. P.WELL	=	1.00 NOS.
TREE PLANTATION CALC. :- IN NOS.				PROVI. P.WELL	=	1.00 NOS.
COLOUR NOTE:-						
REQ. 200.00 / SQMT		=	5 TREE	PLOT BOUNDARY == PROP. WORK == PROP DRAIN		
2915.00 / 200 x 5		=	72.87	ROAD CONT. BIN TREE P.WELL		
SAY REQ. TREE		=	73.00	SPRINKLER ○		
PROVIDE TREE		=	73.00 NOS.			

Utsav Patel
Utsav D. Patel (Proprietor)
89, Riddhi Society,
Nr. Swaminarayan Temple,
Ghatlodia, Ahmedabad-380061.
DEVELOPER LIC. No.: DEVI1271310324

DEVELOPER	ENGINEER
<i>g. f. a. -</i>	<i>H. B. Meria</i> HIRENBHAI B. MERIA

AMC LIC NO.001SE47112400446 3, NEW YOGIKRUPA SOCIETY, RANIPAHMEDABAD-382480.	C.W.O. NO. 001CWO09032610328 /H303, VISHWASH PLATNUM-1 SEOLA, AHMEDABAD- 60
STR.ENGINEER	C.W.O.

FOR, MAHADEV DEVELOPERS <i>for lead</i> PARTNER OWNER	HIRENBHAI B. MERJA AMC-SOR-G1-LIC.NO.: 001SR09032610758 F/303, VISHWASH PLATINUM-I SOLA, AHMEDABAD - 60. S.O.R
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RESPONSIBILITY (G.D.D.B-2017-C.I. NO. 434/44/45):
APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORTS, CALCULATIONS, SPECIFICATIONS, CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SHALL NOT DISCHARGE THE OWNER FROM RESPONSIBILITIES. CLIENTS MUST NOMINATE SUPERVISOR, STRUCTURAL DESIGNER, DEVELOPER, OWNER FROM THEIR RESPONSIBILITIES. INHERENT UNDER THE ACT, THE DEVELOPMENT AND CONSTRUCTION OF THE PROJECT AND THE SAFETY OF THE WORK AND THE CONTROL, REGULATIONS AND THE LAWS AND THE LAWS AND THE LAWS.

G.D.D.B-2017-C.I. NO. 33/34:
NOTWITHSTANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL BE RESPONSIBLE AND BE LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED BY ANY ONE OR MORE OF THE ABOVE SAID ACTS OF CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY.

Ahmedabad Municipal Corporation

Case No : BLNTHET/270721/100C/RV/A544/RO/M1

Zone: EAST

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

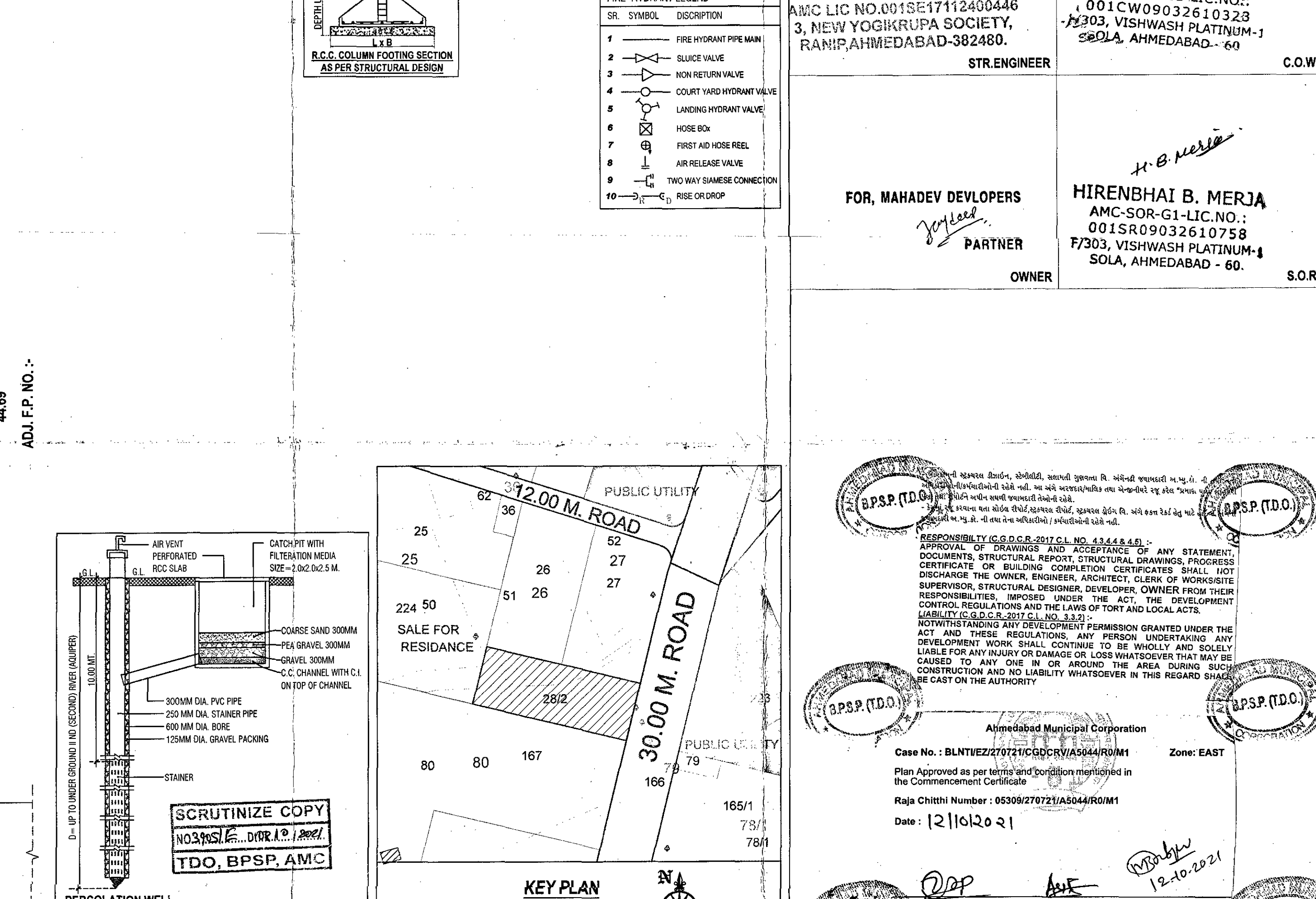
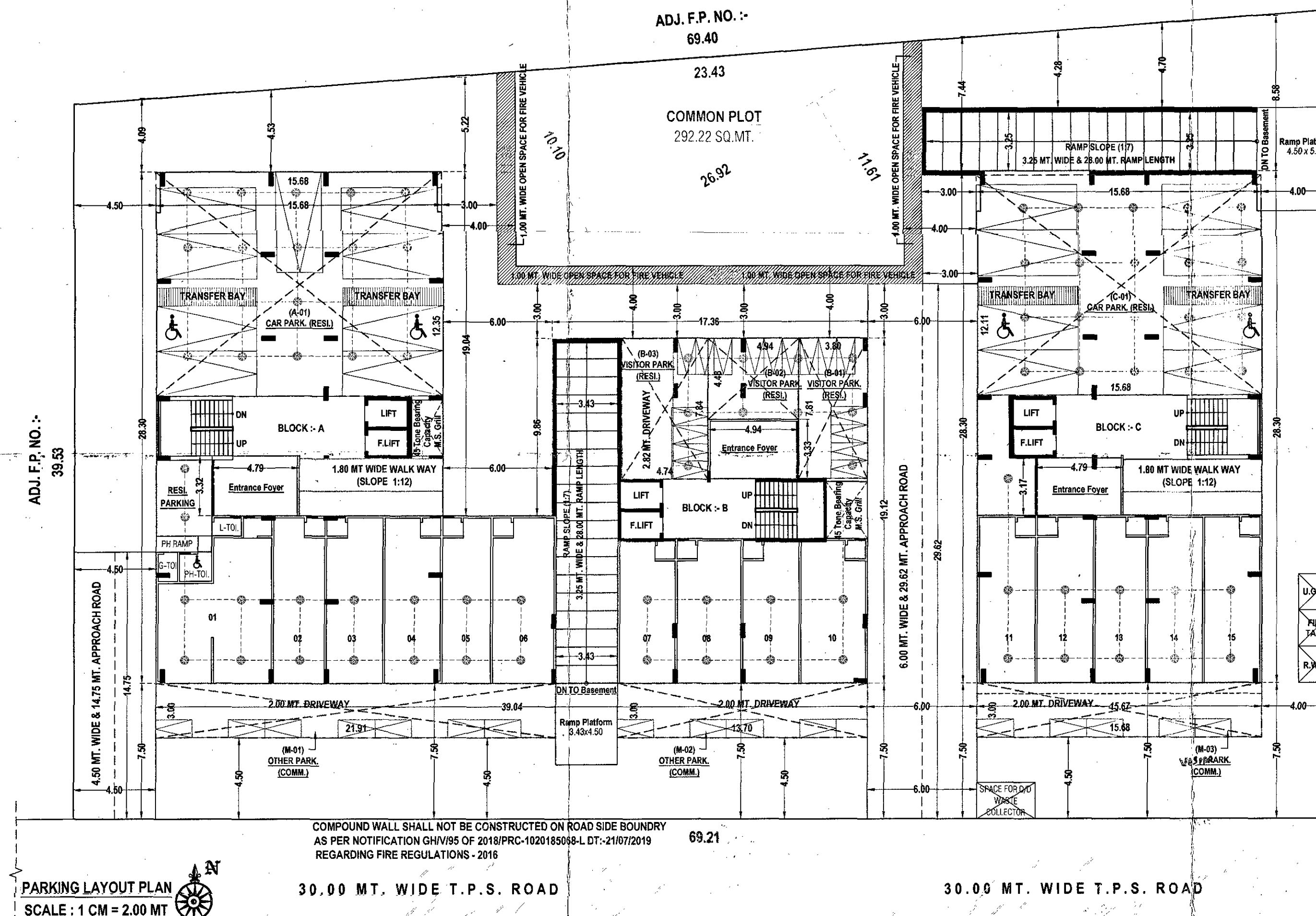
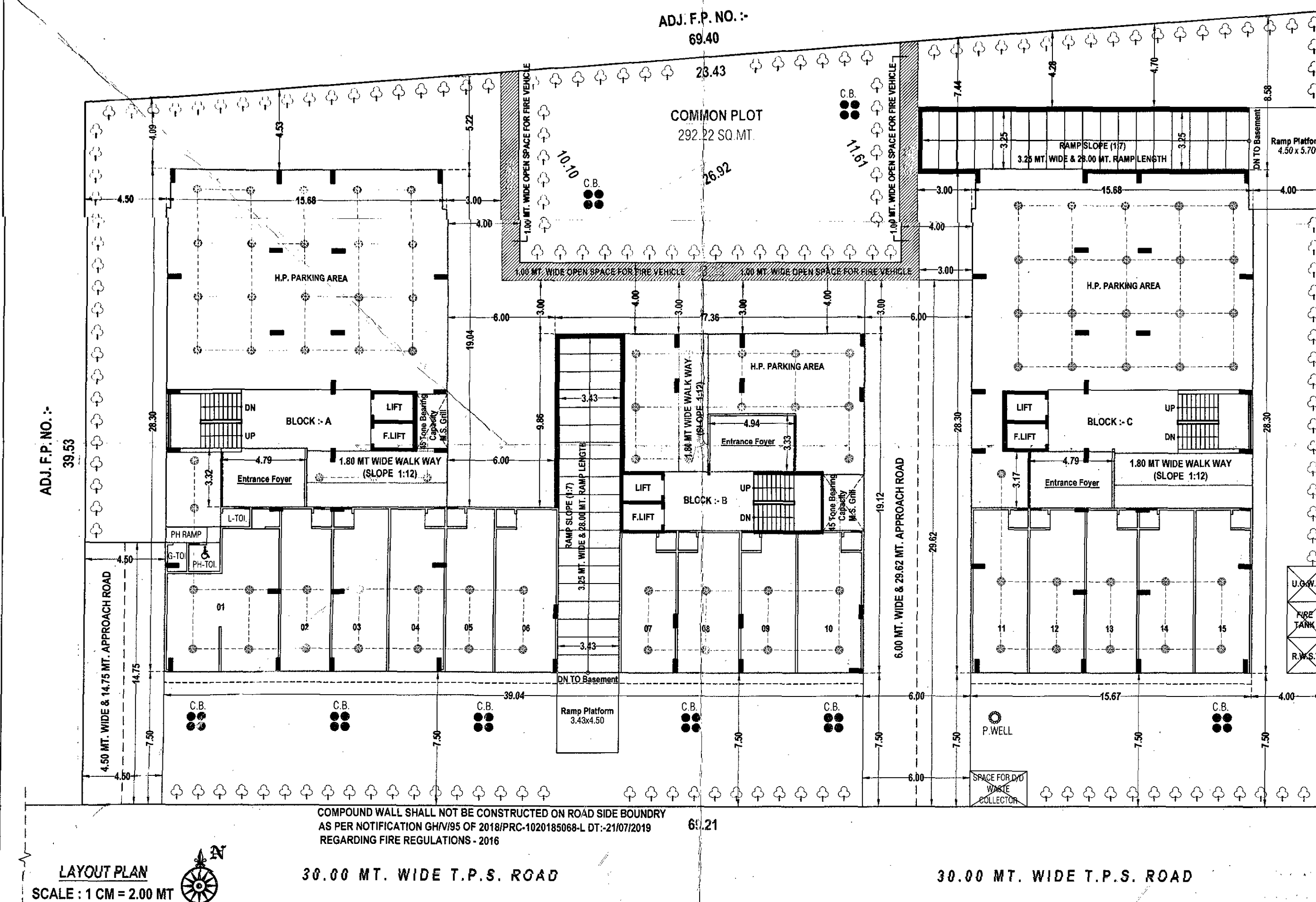
Raja Chhithi Number : 06309/270721/A504/RO/M1

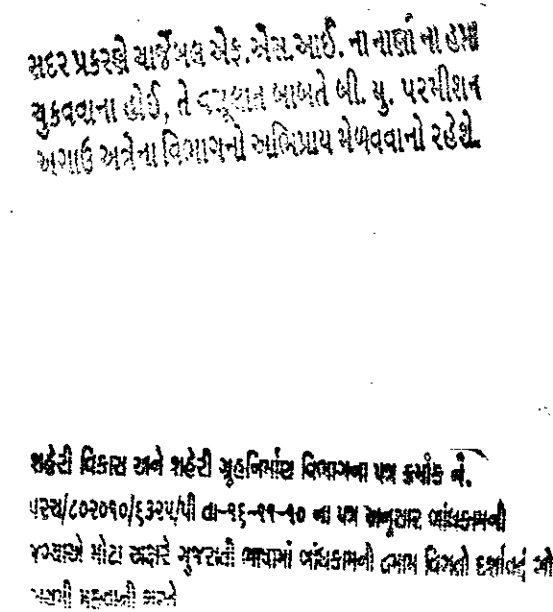
Date : 12/10/2021

12-10-22-21

	<i>Dep</i> T.D. Sub Inspector (B.P.S.P.)	<i>Asst</i> T.D. Inspector (B.P.S.P.)	Asst. T.D.O. (B.P.S.P.)	
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12-10-22-21



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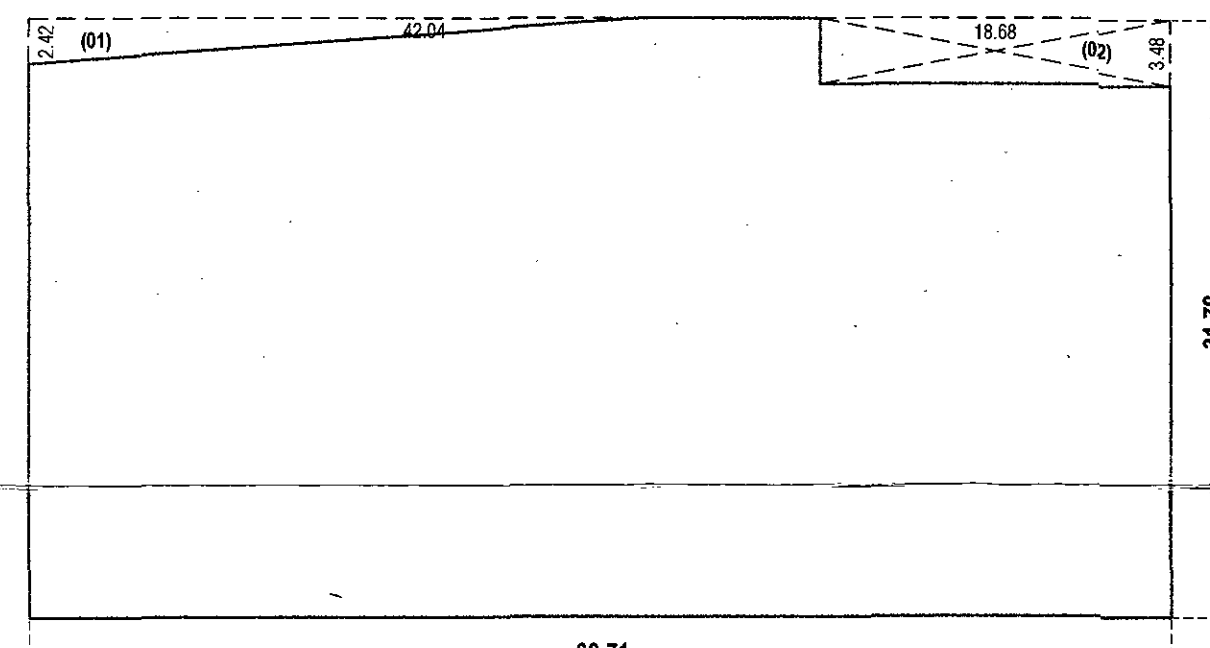
FIRE NOTES -			
(01)	ALL BASEMENT PARKING AND HPT SHALL BE FULLY SPRINKLERED		
(02)	ALL LOWER BASEMENTS SHOULD HAVE POSITIVE PRESSURE VENTILATION		
(03)	ELECTRIC CABLE SHAFT SHOULD HAVE FIRE RESISTANCE DOORS		
BUILT UP AREA CALC. : IN SMT.			
BASEMENT :-			
60.71 x 31.78		=	1929.36
LESS :-			
(01)	1/6 x 32.46 x 2.42	=	39.28
(02)	18.68 x 3.48	=	65.01
TOTAL			
1929.36 - 104.79	=	1825.07	
NET BUILT UP AREA = 1825.07			

RESI. PARKING AREA CALCULATION -				
RESI. USE: F-1 S.I. AREA :	6698.92	32.5M ²		
PARKING :	6698.92	20% = 1331.66	32.5M ²	
RESI. CAR PARKING 40% :	669.89	40% =	669.89	32.5M ²
RESI. VISITOR PARKING 10% :	133.17	10% =	133.17	32.5M ²
TOTAL			1371.66	
TOTAL RESI. PARKING				
	TOTAL RESI.	PROVI. PARKING		TOTAL
		GR. FLOOR	BASMENT	
CAR	669.89	339.33	606.13	986.66
VISITOR	133.17	88.77	68.39	157.17
TOTAL	803.06	428.10	674.52	1143.63
RESI. PARKING AREA CALC.				
CAR PARKING				
N.BASE. (B-04)	137.12	12.12		166.03
N.BASE. (B-04)	124.56	9.18		114.29
N.BASE. (B-04)	212.07	25.33		159.64
N.BASE. (B-04)	137.12	12.12		166.17
N.H.P. (A-01)	15.68	12.35		193.65
N.H.P. (C-01)	15.68	12.11		189.88
TOTAL				999.65
TOTAL CAR PARKING AREA = 986.66				
OTHER PARKING				
N.BASE. (B-04)	100.11	11.14		114.50
N.BASE. (B-04)	112.07	13.33		84.34
N.BASE. (B-04)	7.73	15.73		121.59
N.BASE. (B-04)	21.45	8.77		188.12
N.BASE. (B-10)	96x(4.94+5.88)/31			82.83
				588.29
TOTAL OTHER PARKING AREA = 588.29				
VISITOR PARKING				
N.H.P. (B-01)	3.82	7.81		29.68
N.H.P. (B-02)	4.94	4.48		22.13
N.H.P. (B-03)	4.73	7.84		37.16
N.H.P. (B-01)	96x(4.11+5.07)/x1.90			68.39
				157.36
TOTAL VISITOR PARKING AREA = 157.36				

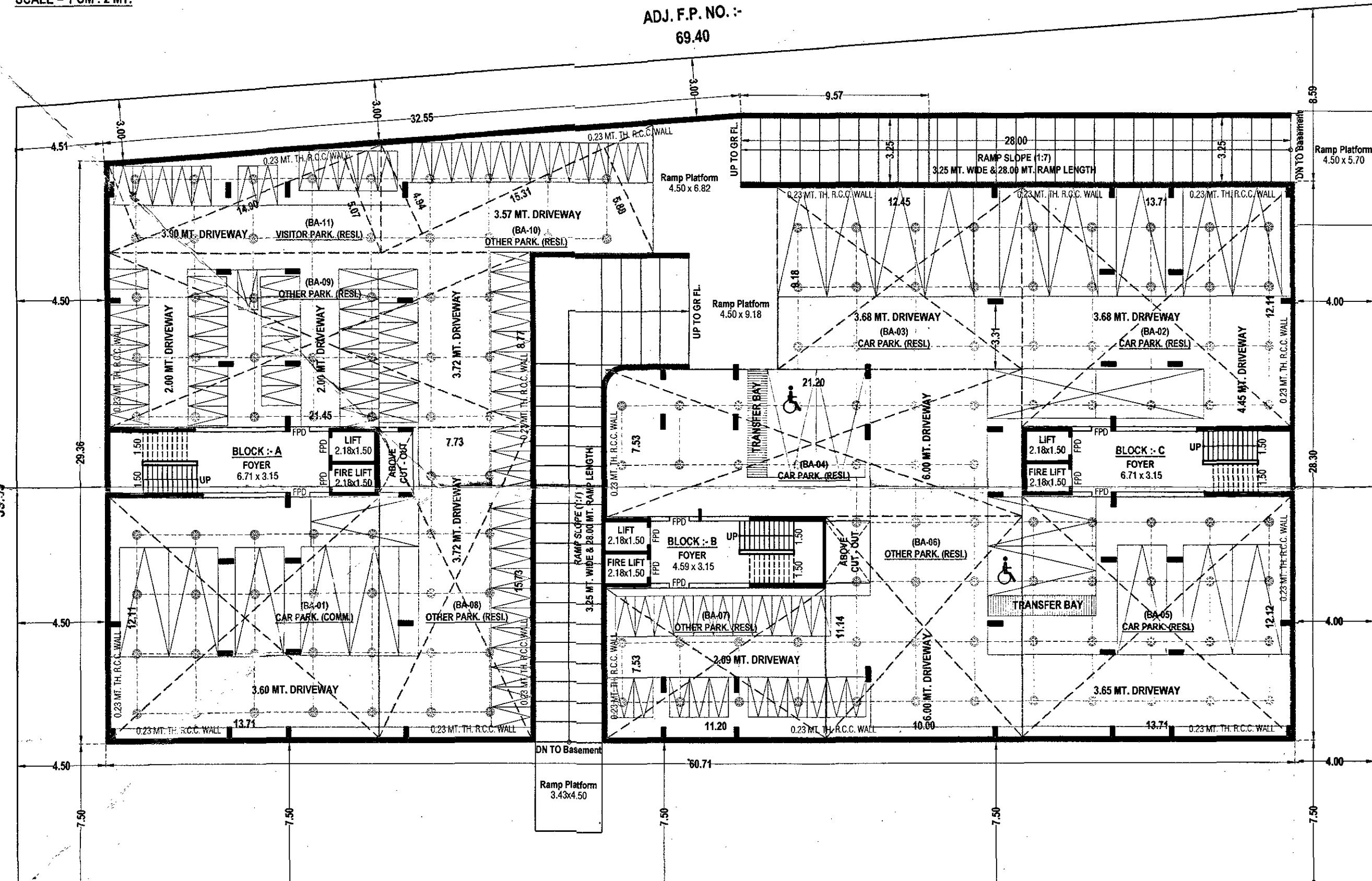
COMM. PARKING AREA CALCULATION :-			
COMM. USE F.S.I. AREA = 450.25 SMT.			
PARKING = $(450.25 \times 50\%) = 225.13$ SMT.			
REQ. CAR PARKING 50%	---	112.57	---
REQ. OTHER PARKING 30%	---	67.54	---
REQ. VISITOR PARKING 20%	---	45.02	---
TOTAL	=	225.13	
TOTAL REQ. PARKING			
TOTAL REQ.	PROV. PARKING		TOTAL
	GR. FLOOR	BASEMENT	
CAR	112.57	---	161.18
OTHER	67.54	106.83	174.38
VISITOR	45.02	47.04	92.06
TOTAL	225.13	153.87	379.00
COMM. PARKING AREA CALC.			
CAR PARKING			
IN BASE. (M-01)	13.31 $\times$ 12.11	---	161.18 SMT.
TOTAL	=	161.18	SMT.
TOTAL CAR PARKING AREA = 161.18 SMT.			
OTHER PARKING			
IN MARG. (M-01)	21.91 $\times$ 3.00	---	65.73 SMT.
IN MARG. (M-02)	13.70 $\times$ 3.00	---	41.10 SMT.
TOTAL	=	106.83	SMT.
TOTAL OTHER PARKING AREA = 106.83 SMT.			
VISITOR PARKING			
IN MARG. (M-03)	15.68 $\times$ 3.00	---	47.04 SMT.
TOTAL	=	47.04	SMT.
TOTAL CAR PARKING AREA = 47.04 SMT.			

RESIDENTIAL AFFORDABLE HOUSING PROJECT		SHEET NO.- 02/09
LAYOUT PLAN SHOWING PROP. RESL+COMM. BUILDING ON F.P. NO. : 28/2, (REV. SUR. NO.-: 53/2, O.P. NO. : 28/2)		
T.P.S. NO.-: 117 (VASTRAL) PRELIMINARY		
M.O.E.- VASTRAL, TALUKA:- VATVA, DIST.-: AHMEDABAD.		
SCALE : 1 CM = 2.00 MT	ZONE : R2	USE : COMM.+RESL.
AREA TABLE :-	SQMT	
PLOT AREA	2914.00	
REQ. COMMON PLOT @ 10 %	291.50	
PROVI. COMMON PLOT	292.22	
PROPOSED F.S.I. AREA ON GR. FLOOR (S.F.)	450.25	
PROPOSED F.S.I. AREA ON 1st. FLOOR	979.76	
PROPOSED F.S.I. AREA ON 2nd. FLOOR	979.76	
PROPOSED F.S.I. AREA ON 3rd. FLOOR	979.76	
PROPOSED F.S.I. AREA ON 4th. FLOOR	979.76	
PROPOSED F.S.I. AREA ON 5th. FLOOR	979.76	
PROPOSED F.S.I. AREA ON 6th. FLOOR	979.76	
PROPOSED F.S.I. AREA ON 7th. FLOOR	979.76	
TOTAL USE F.S.I.	7308.57	
PERMIL F.S.I. AREA (1:1.8)	2914.00 x 1.2	
PERMIL CHARGEABLE F.S.I. @ 0.8 OF PLOT AREA (2914.00 x 1.5)	4371.00	
TOTAL PERMISSIBLE F.S.I. AREA (3496.80 + 4371.00)	7867.80	
TOTAL CHARGEABLE F.S.I. (7308.57 - 3496.80)	3811.77	
BALANCE CHARGEABLE F.S.I. AREA (4371.00 - 3811.77)	559.23	
CONTAINER BIN CALC. (COMMERCIAL)		
TOTAL FLOOR AREA = 450.25 SQ.MT		
CONT. REQD = 100 SMT = 1 NOS. (20 LTRS CAP)		
450.25 / 100 = 4.50 SAY 05		
MAXIMUM CAP. OF CONT. = 80 LTRS.		
TOTAL LITRS = 05 x 20 = 100 LITRS.		
100 / 80 = 1.25 SAY 02		
PROVI. CONTAINER BIN = 02 NOS.		
COMMON PLOT AREA CALC :- IN SMT.		
(A) $\frac{1}{2} \times (10.10 + 11.51) \times 28.92 = 292.22$		
TOTAL = 292.22		
NET COMMON PLOT AREA = 292.22		
TREE PLANTATION CALC :- IN NOS.		
REQ. 200.00 SQMT = 5 TREE		
2915.00 / 200 x 5 = 72.87		
SAY REQ. P. WELL = 73.00		
PROVIDE TREE = 73.00 NOS.		
CONTAINER BIN CALC. (RESIDENTIAL)		
TOTAL NO. OF UNIT 84		
PER UNIT REQD 10 LITRS 1 CONTAINER		
MAXI. CAPACITY OF CONTAINER 80 LITRS		
80 LITRS = 8 UNITS		
TOTAL NO. = 84 / 8 = 10.50		
REQ. REFUSED CONT. = 11.00 NOS.		
PROVI. CONTAINER BIN = 11.00 NOS.		
PERCOLATING WELL CALC.- IN NOS.		
REQ. 1500 TO 4000 SMT = 1.00 NOS.		
2915.00 / 4000.00 = 0.73 NOS.		
SAY REQ. P. WELL = 1.00 NOS.		
PROVI. P. WELL = 1.00 NOS.		
COLOUR NOTE :-		
PLOT BOUNDARY PROP. WORK PROP. DRAIN		
ROAD CONT. BIN TREE P. WELL		
SPRINKLER		

<i>U.P. Patel</i> Utsav Patel Utsav D. Patel (Proprietor) 89, Riddhi Society, Nr Swaminarayan Temple, Ghatlodia, Ahmedabad-380061. DEVELOPER Lic. No.: DEV1271310324	<i>H.B. Merja</i> HIRENBHAI B. MERJA AMC-ENG-HR-LIC.NO.: 001SR09032610243 F/303, VISHWASH PLATINUM-1 SOLA, AHMEDABAD - 680	ENGINEER
<i>N.P. Patel</i> NITIN J. PATEL AMC LIC NO.001SE17112800446 3, NEW YOGIKRUPA SOCIETY, F/303AHMEDABAD-380060. STR.ENGINEER	<i>H.B. Merja</i> HIRENBHAI B. MERJA AMC-COW-G1-LIC.NO.: 001CW09032610323 F/303, VISHWASH PLATINUM-1 SOLA, AHMEDABAD - 680	C.O.W.
FOR, MAHADEV DEVELOPERS <i>Partner</i> PARTNER	<i>H.B. Merja</i> HIRENBHAI B. MERJA AMC-SOR-G1-LIC.NO.: 001SR09032610758 F/303, VISHWASH PLATINUM-1 SOLA, AHMEDABAD - 680	S.O.R.



BUILT UP AREA CALCULATION ON BASEMENT - 1 PLAN
SCALE = 1 CM : 2 MT.



COMPOUND WALL SHALL NOT BE CONSTRUCTED OR
AS PER NOTIFICATION GHV/95 OF 2018/PRC-1020/185
REGARDING FIRE REGULATIONS - 2016

BASEMENT PLAN
SCALE : 1 CM = 2.00 MT

30.00 MT. WIDE T.P.S. ROAD

The permission is valid only till 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 Plot boundary and
allotment of final plot is
Subject to Variation by
Town Planning Officer.

SCRUTINIZE COPY
NO. 3905/E... D/OB. NO. 1202...
TGO, BPSP, AMC

RESPONSIBILITY (C.D.R.-2017 C.E. 40, 434.44 & 45.3)
STRUCTURAL, OR DRAWINGS AND ACCEPTANCE OF ANY STATEMENT
DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS
CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SHALL NOT
CONSTITUTE OWNERSHIP OF THE PROJECT OR THE PROJECT'S
SUPERVISOR, STRUCTURAL DESIGNER, DEVELOPER, OWNER FROM THEIR
RESPONSIBILITIES. IMPOSED UNDER THE ACT, THE DEVELOPMENT
CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND LOCAL ACTS.
LIABILITY (C.D.R.-2017 C.E. 40, 33.2)
NOTWITHSTANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE
ACT, THE DEVELOPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ANY
DEVELOPMENT WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY
LIABLE FOR ANY INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE
SUSTAINED BY ANY PERSON OR PROPERTY AROUND THE AREA DURING SUCH
CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL
BE CAST ON THE AUTHORITY

Ahmedabad Municipal Corporation

Case No. : BLNTVEZ/270721/CSDCRV/A5044/R0/M1 **Zone: EAST**

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

Raja Chitthi Number : 05309/270721/A5044/R0/M1

Date : 12/10/2021





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

