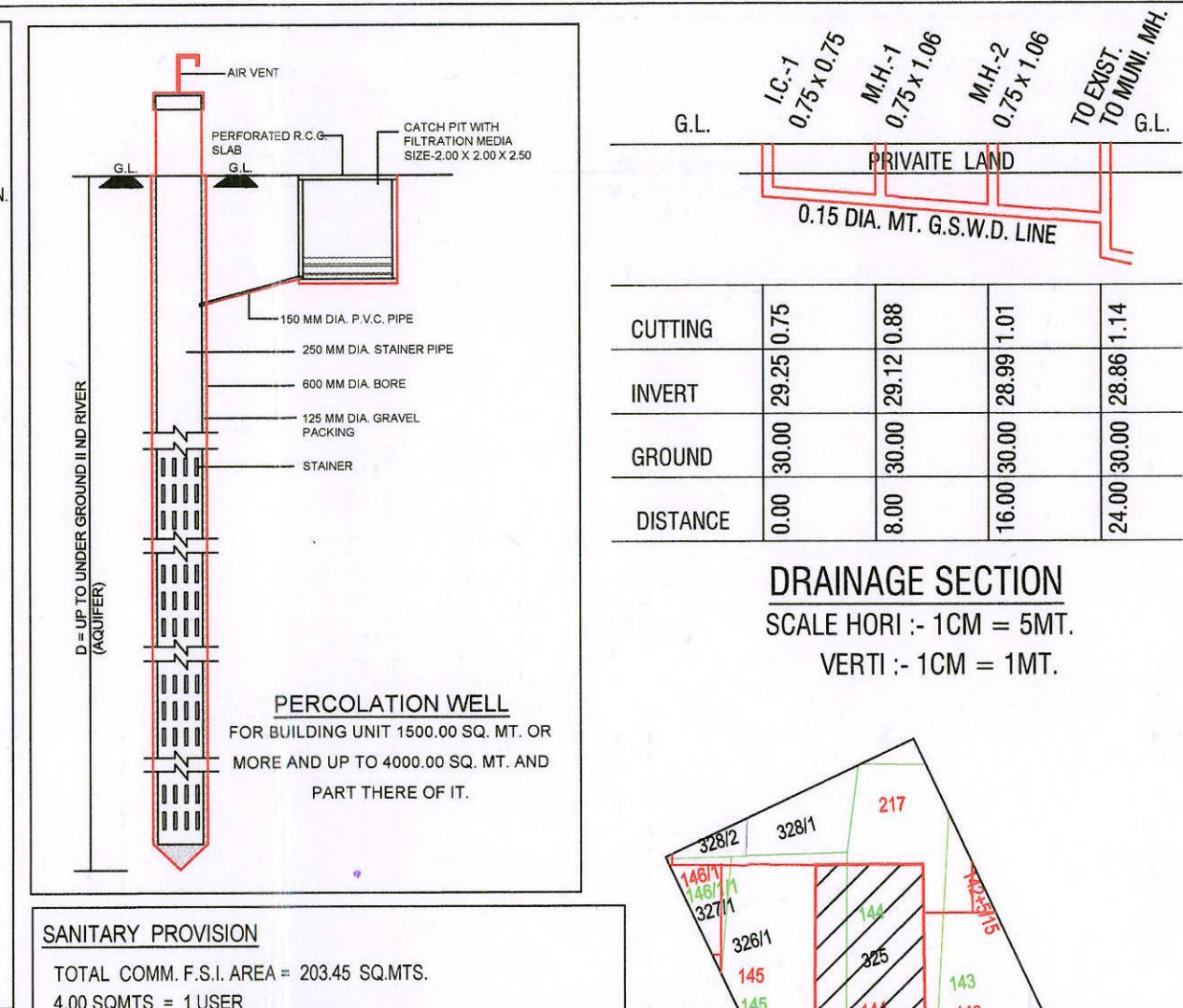
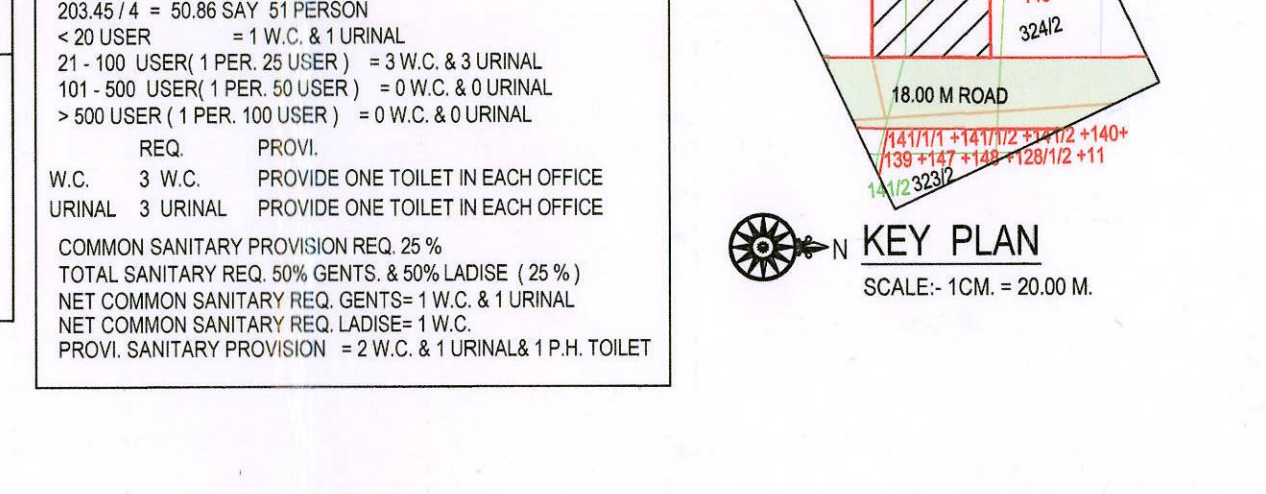




REQ. PARKING AREA TABLE		COMM. PROVI. PARKING AREA CALC		RESI. PROVI. PARKING AREA CALC	
TOTAL USED F.S.I. AREA = 5086.54 SQ.MTS.		GROUND FLOOR		GROUND FLOOR	
COMM. F.S.I. AREA = 203.45 SQ.MTS.		CARP PARKING		CARP PARKING	
RESI. F.S.I. AREA = 4883.09 SQ.MTS.		= 51.92		= 89.03	
COMM. REQ. PARKING AREA		OTHER PARKING		VISITOR PARKING	
REQ. PARKING AREA @ 40 %		= 9.87		= 42.95	
203.45 x 0.40 = 81.38 SQ.MTS.		= 20.57		= 63.54	
REQ. CAR PARKING AREA @ 50 %		TOTAL = 30.47		TOTAL = 106.46	
81.38 x 0.50 = 40.69 SQ.MTS.		VISITOR PARKING		RESI. PROVI. PARKING AREA CALC	
OTHER PARKING AREA @ 30 %		= 18.00		BASEMENT	
81.38 x 0.30 = 24.41 SQ.MTS.		LIFT CALCULATION		CAR PARKING (MECHANICAL)	
REQ. VISITOR PARKING AREA @ 20 %		FLOOR		(1) 9.80 X 5.00 X 1.5 =	
81.38 x 0.20 = 16.28 SQ.MTS.		3RD TO 14TH FLOOR		48 =	
RESI. REQ. PARKING AREA		1 UFT REQ. / 30 NO. (6 PERSON)		(2) 6.54 X 5.00 X 1.5 =	
REQ. PARKING AREA @ 20 %		LIFT UP AS PER HEIGHT OF THE BUILDING		45 =	
4883.09 x 0.20 = 976.62 SQ.MTS.		LIFT PROVIDED = 2 (6 PER.)		(3) 14.36 X 18.62 X 1.5 =	
976.62 x 0.50 = 488.31 SQ.MTS.		OTHER PARKING		101.07 =	
OTHER PARKING AREA @ 40 %		TOTAL = 797.57		(4) 10.91 X 15.29 X 1.5 =	
976.62 x 0.40 = 390.65 SQ.MTS.		TOTAL = 31.47		286.59	
REQ. VISITOR PARKING AREA @ 10 %		TOTAL = 119.51			
976.62 x 0.10 = 97.66 SQ.MTS.					

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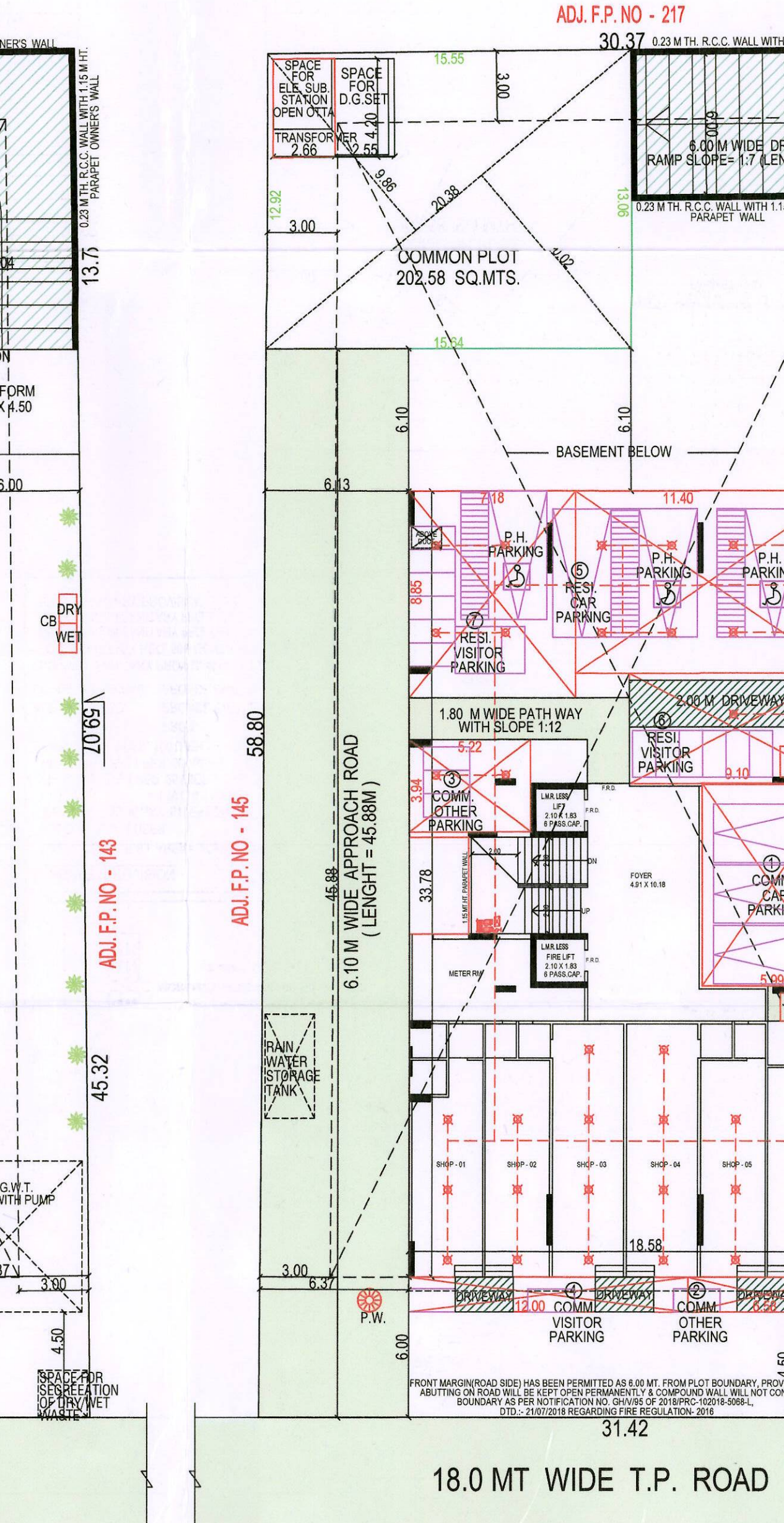
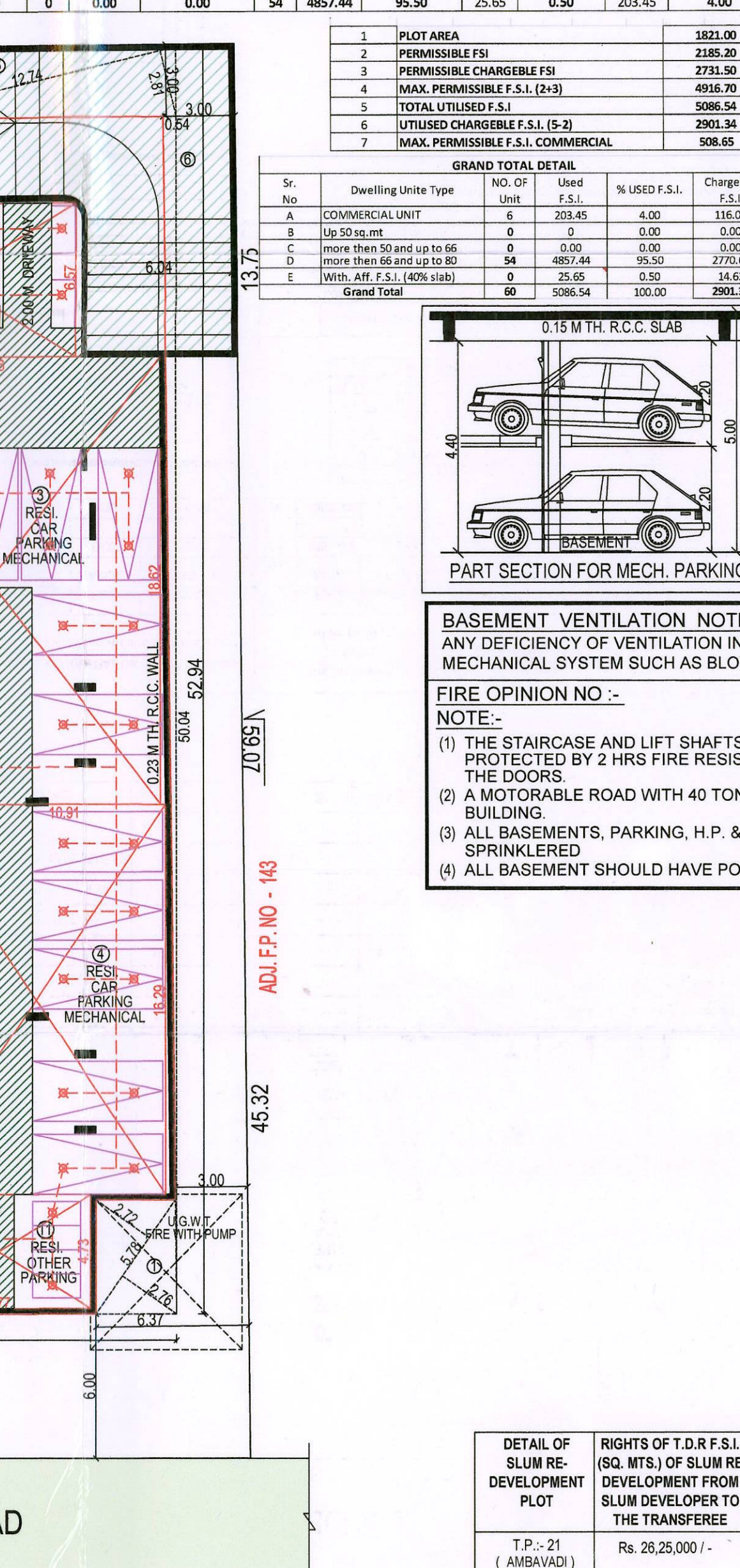
LAY - OUT PLAN	[1 / 5]																		
RESIDENTIAL AFFORDABLE HOUSING PROJECT.																			
PLAN SHOWING PROPOSED COMM. + RESI. BUILDING ON F.P. NO : - 144 (SUR. NO - 325 O.P. NO - 144) D.T.P.S. NO - 43/A (SOLA) MOJE - SOLA TAL.: GHATLODIYA, DIST: AHMEDABAD.																			
SCALE : 1CM = 2.0M.																			
ZONE :- RESIDENTIAL - II (R2)																			
USE OF CONSTRUCTION :- RESIDENTIAL + COMMERCIAL																			
AREA TABLE :-	SQ.MTS.																		
<table border="1"> <tr> <td>PLOT AREA OF F.P. NO -</td> <td>1821.00</td> </tr> <tr> <td>REQ. COMMON PLOT @ 10 % (MINI. 200.00 SQ.MTS.)</td> <td>200.00</td> </tr> <tr> <td>PROV. COMMON PLOT</td> <td>202.58</td> </tr> <tr> <td>PERMI. F.S.I. AREA @ 1:1.20 (1821.00 X 1.20)</td> <td>2185.20</td> </tr> <tr> <td>PERMI. CHARG. F.S.I. AREA @ 1.5 (1821.00 X 1.5)</td> <td>2731.50</td> </tr> <tr> <td>TOTAL PERMI + CHARGEABLE (1821.00 X 2.70)</td> <td>4916.70</td> </tr> <tr> <td>TOTAL PROP. F.S.I. AREA</td> <td>5086.54</td> </tr> <tr> <td>USED CHARGEABLE F.S.I (5086.54 - 2185.20 - 169.84)</td> <td>2731.50</td> </tr> <tr> <td>T.D.R. F.S.I. AREA (5086.54 - 4916.70)</td> <td>169.84</td> </tr> </table>		PLOT AREA OF F.P. NO -	1821.00	REQ. COMMON PLOT @ 10 % (MINI. 200.00 SQ.MTS.)	200.00	PROV. COMMON PLOT	202.58	PERMI. F.S.I. AREA @ 1:1.20 (1821.00 X 1.20)	2185.20	PERMI. CHARG. F.S.I. AREA @ 1.5 (1821.00 X 1.5)	2731.50	TOTAL PERMI + CHARGEABLE (1821.00 X 2.70)	4916.70	TOTAL PROP. F.S.I. AREA	5086.54	USED CHARGEABLE F.S.I (5086.54 - 2185.20 - 169.84)	2731.50	T.D.R. F.S.I. AREA (5086.54 - 4916.70)	169.84
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TREE PLANTATION CAL : PLOT AREA = 1821.00 SQ.MT. 10% OF SQ. MT. = 182.10 TREE REQ.	CONTAINER BIN AREA CALC. (COMM) FLOOR AREA = 203.45 X 20 / 100 = 40.69 LIT. REQ. DRIVE IN LANE BIN 6.5 X 11.75 LIT.																		

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TOTAL		RESI.		06	54	203.45	4883.09	5086.54	203.45	4883.09	5086.54	6296.34
Up	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.	
D	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.		
	0	0.00	0.00	54	4857.44	99.47	25.65	0.50	203.45	4.00		

- (A) **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 BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT FROM TAKING FIRE SMOKE LOGS.
- (B) **STAIRCASE** – THE STAIRCASE HAS TO BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR ABOVE.
- (C) **RAISERVIS** –
 - THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AN AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR EACH CAR PARKING SPACE.
 - ADDITIONALLY BE PROTECTED BY A WATER SUPPLY AND OUTLET AND TWO 25-MM SMOKE DETECTORS WITH TWO SMOKE ALARMS LOCATED AT EACH BASEMENT LEVEL.
- (D) **LIGHTNING ARRESTER** –
 - ALL BUILDINGS SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTNING STRIKES.
- (E) **PHOTO LUMINESCENT (AUTO GLOW) SIGNS** –
 - ALL BUILDINGS SHOULD BE PROVIDED WITH PHOTO LUMINESCENT (AUTO GLOW) SIGNS TO BE LOCATED AT THE ENTRANCE AND ENCLOSED STAIRCASE OR NOT SO WELL TYPED ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNS SHOULD BE DISPLAYED AT EACH FLOOR AND AT THE GROUND LEVEL. THESE SIGNS SHOULD BE LOCATED AT THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, EVACUATION ROUTE AND EXIT.

PERCENTAGE CONTAINER BIN AREA CALC. (CONT.) PLOT AREA = 1821.00 SQ.MT. 200.00 SQ. MT. = 5 NOS. TREE REQ. 1921.00 / 200.00 = 4.56 NOS. SAY 5 NOS. SAY 54 NOS. PROVIDE 54 NOS. TREE.	CONTAINER BIN AREA CALC. (RES.) CONTAINER BIN AREA = 233.45 X 20 / 100 = 46.69 LT. REQ. FLOOR AREA = 233.45 X 20 / 100 = 46.69 LT. REQ. PROVID. 1 NOS BIN OF 80 LT CAP.
PERCOLATING WELL CALC.: REQ. 1500 TO 4000 SMT = 1 NOS. 1821.00 / 4000.00 = 0.46 NOS. SAY 1 NOS SAY REQ. P.WELL = 1 NOS. PROVID. P.WELL = 1 NOS.	TOTAL 1 NOS. UNIT 10 LT. REQ. 1 CONTAINER TOTAL UNIT 54 X 10 LT. = 540 LT. 540 / 80 = 6.75 SAY 7 NOS. CONT REQ. 7 NOS BIN OF 80 LT CAP. PROVID. 7 NOS BIN OF 80 LT CAP.

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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 RISKY 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.
 (1) 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 THE TIME OF FIRE.

(10) **IMPORTANT INSTRUCTIONS :**
 AFTER INSPECTION OF A LOW-RISE BUILDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM / SMOKE / PRESSURE ETC.) AS PER FIRE LOAD / FIRE RISK / PUBLIC GATHERING, POTENTIAL / OCCUPANCY / COMFED AREA, THOSE ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE IMPLEMENTED / INSTALLED.

(11) LEANED 1 2 3 4 5 6 7 8 9 10 11	FIRE HYDRANT SYSTEM PIPE MAIN SINGLE HEADED HYDRANT VALVE SUCTION VALVE TWOWAY SIAMES CONNECTION RISE OR DROP NON RETURN VALVE REDUCER FIRE HOUSE BOX HOSE REEL HOSE D.C.P. & CO2 HYDRANT VALVE
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BASEMENT SHALL BE COMPENSATED BY USE OF FIRE RESISTANT EXHAUST FAN ETC. ACCORDING TO NBC.

BASEMENT SHALL HAVE TO BE REINFORCED AND CONSTRUCTION INCLUDING

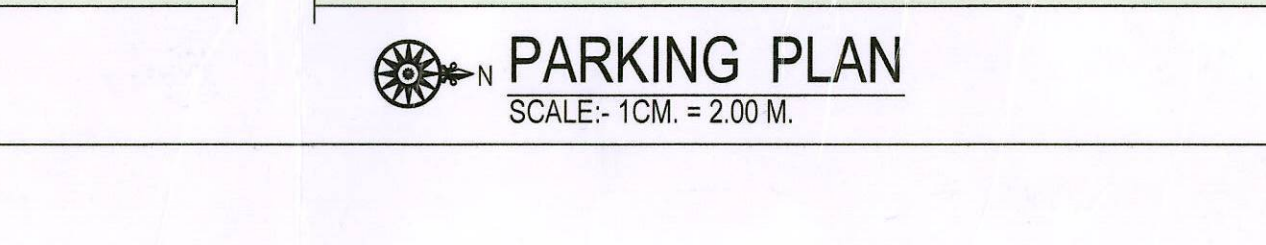
LOAD BEARING CAPACITY AROUND THE

STAIRS AT ALL LEVEL SHALL BE FULLY

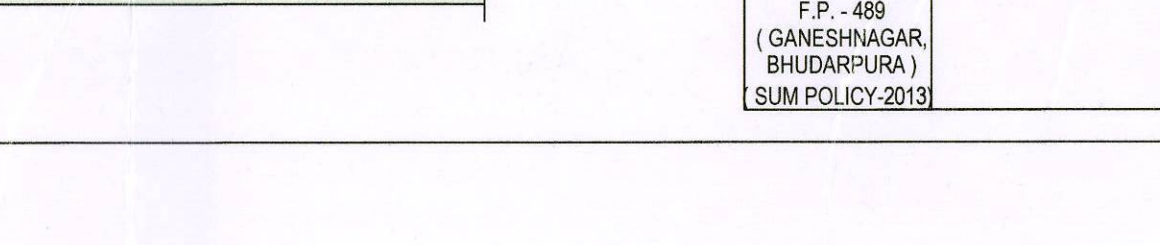
POSITIVE PRESSURE VENTILATION.

RECIPIENT PLOT WHERE PROPOSED TO BE USED	JANTRY RATE OF RECIPIENT PLOT (RS. PER SQ.MT)	ACTUAL TDR F.S.I. AVAILABLE TO RECIPIENT PLOT (PROPNATE AS (PER JANTRY)	REMARK
T.P.-4 (SOLA)	15,000 / -	26.25,000 / - 15,000 / -	B.U. PERMISSIBLE

COLOUR NOTE:- PLOT BOUNDARY ROAD PROPOSED WORK PROPOSED DRAINAGE PERCOLATING WELL TREE COMMUNITY BIN PROVI. PARKING	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
HARSHIV A. PATEL AMC LIC NO.: 001CW16122510169 3/B, Bhuyangdev Society, Sola Road, Ghatlodiya, Ahmedabad-380051.	HARSHIV A. PATEL AMC LIC NO.: 001SR06112510405 3/B, Bhuyangdev Society, Sola Road, Ghatlodiya, Ahmedabad-380061.
C.O.W.	S.O.R.
HARSHIV A. PATEL AMC LIC NO.: 001ERH17122510150 3/B, Bhuyangdev Society, Sola Road, Ghatlodiya, Ahmedabad-380051.	VIJAY A. MEHTA STRUCTURAL DESIGNER (GRADE-II) AMC LIC No. 001SE19032700119 27/135, HAPPY HOME APARTMENT, SHASTRINAGAR, NARANPURA, AHMEDABAD-380013.
ENGINEER	STRUCTURAL ENGINEER
OWNER	DEVELOPER



BASEMENT PLAN
SCALE: 1CM. = 2.00 M.



F.P. NO:- 144 R.S. NO:- 325		= 175.00 SQ. MT. (MAXIMUM)	TAKEN
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AUTHORITY	T.D. Sub Inspector (B.P.S.P.)	T.D. Inspector (B.P.S.P.)	Asst. T.D.O. (B.P.S.P.)	B.P.S.P. (T.D.O.) SECRETARY
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