

NOTES :-
ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN
THE DEPTH AND POSITION OF EXISTING MUNICIPAL MANHOLE IS VERIFIED BY ME ON SITE
AND PREMISES CAN GET DRAINAGE CONNECTION
IT IS CERTIFY THAT ACCORDING TO G.D.R. 2021 ALL REQUIREMENTS OF THE BUILDING
ARE CHECKED AND NECESSARY ACTION ARE TAKEN
IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.5.3 OF THE G.D.R. 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. 23.1.12 AND 24.6 OF G.D.R. 2021
WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF G.D.R. 2021
SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT
WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHAPTER NO. 24 OF G.D.R. 2021
ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 23.11
DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER THE CLAUSE NO. 23.6.2
DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.10
SIGNAGES OF THE PARKING PLACES IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.7 OF THE G.D.R. 2021
ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.17 OF G.D.R. 2021
THE PARKING OF BUILDING UNIT/FLAT AS PER THE PROVISION OF THE CLAUSE NO. 23.14 OF G.D.R. 2021
THE STRUCTURE OF THE BUILDING IS FOR THE NORMS OF THE SPECIFIED IN THE INDIAN STANDARD AND
TAKE NECESSARY ACTION FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION
RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER
THE CLAUSE NO. 27.2.3 OF G.D.R. 2021
COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF G.D.R. 2021
TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO. 27.5 OF G.D.R. 2021
FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER NO. 24 OF G.D.R. 2021
MAINTENANCE AND UPGRADEMENT OF BUILDING IS PER CHAPTER NO. 20 OF G.D.R. 2021

FIRE NOTES:
(1) HYDRANT SYSTEM WITH PUMP AT THE U/G TANK, OF A CAPACITY OF 800 LITRES
PER MINUTE WITH MINIMUM 3 BAR PRESSURE MEASURED AT TERRACE LEVEL
WITH HYDRANT VALVE, HOSE REEL, HOSE, ON/OFF SWITCH AT ALL FLOOR LEVELS
OR
(2) ULTRA HIGH PRESSURE FIRE FIGHTING SYSTEM WITH A PUMP OF 180 LITRES PER
MINUTE @ 100 BAR PRESSURE, WITH FOG GUNS AND HOSE REELS AND ON/OFF
SWITCHES AT EACH FLOOR LEVEL.
(3) THE LIFTS AND THE LIFT WELLS COMING FROM UPPER FLOORS SHALL END AT THE
GROUND LEVEL ONLY, OR ALTERNATIVELY FOR LIFTS GOING DOWN TO BASEMENT
OF THE BUILDING SHALL BE COVERED WITH TWO HOURS FIRE RESISTANT SMOKE
DOOR CONSTRUCTION FROM ALL SIDES AT THE BASEMENT LEVELS AND THEIR
ENTRY AT THE BASEMENT LEVELS SHALL BE ADDITIONALLY PROTECTED BY
SPRINKLERS.
(4) THE STAIRCASE / STAIRWELL FROM UPPER FLOORS SHALL END AT GROUND LEVEL
ONLY SEPARATE STAIR SHALL BE PROVIDED FOR ACCESS TO BASEMENT FROM
GROUND FLOOR.
(5) OPEN SPACE AROUND THE BUILDING (MARGINS) SHALL BE MINIMUM 8
METRES MEASURED FROM THE COLUMN OF THE BUILDING.
(6) THE STAIRCASE SHALL BE OPEN/PREFABRICATED CROSS VENTILATED ABOVE THE
PARAPET WALL. IF THE STAIRCASE NEEDS TO BE COVERED IT CAN BE FIXED
LOUVERS OR GRILLS.
(7) AT ALL FLOORS CONNECTING THE STAIRCASE THERE SHALL BE 2 HOURS FIRE
RESISTANT SELF CLOSING DOORS INSTALLED TO PREVENT FIRE OR SMOKE
REACHING THE STAIRCASE.
(8) WIDTH OF THE STAIRCASE SHALL BE MINIMUM 2 METRES INSIDE TO INSIDE.
(9) WHOLE OF THE BUILDING END ENCLOSURES AT ALL FLOORS INCLUDING THE
BASEMENT SHALL BE PROTECTED BY SPRINKLER SYSTEM (WITH 67 DEGREE
CELSIUS SPRINKLER HEADS) ALONG WITH THE HYDRANT, HOSE REELS,
EXTINGUISHERS, ETC.
(10) BASEMENT SHALL HAVE NATURAL VENTILATION PROVIDED OR MECHANICAL
VENTILATION WITH DUCTS TO HAVE 6 AIR CHANGES PER HOUR.
(11) LOWER BASEMENT HAVE POSITIVE PRESSURE AS PER FIRE OPINION
FIRE SAFETY PROVISION SHALL BE PROVIDED AS PER AMC FIRE AND
EMERGENCY SERVICE DEPT. LETTER NO. 118, DTD: 02/11/2017

TREE PLANTATION CALC.:

PLOT AREA = 3015.10 SQ.MT.
200.00 SQ. MT. = 3 NOS. TREE REQ.
3015.10 / 200 x 3 = 45.24 NOS.
SAY 46 NOS.
PROVIDE 46 NOS. TREE.

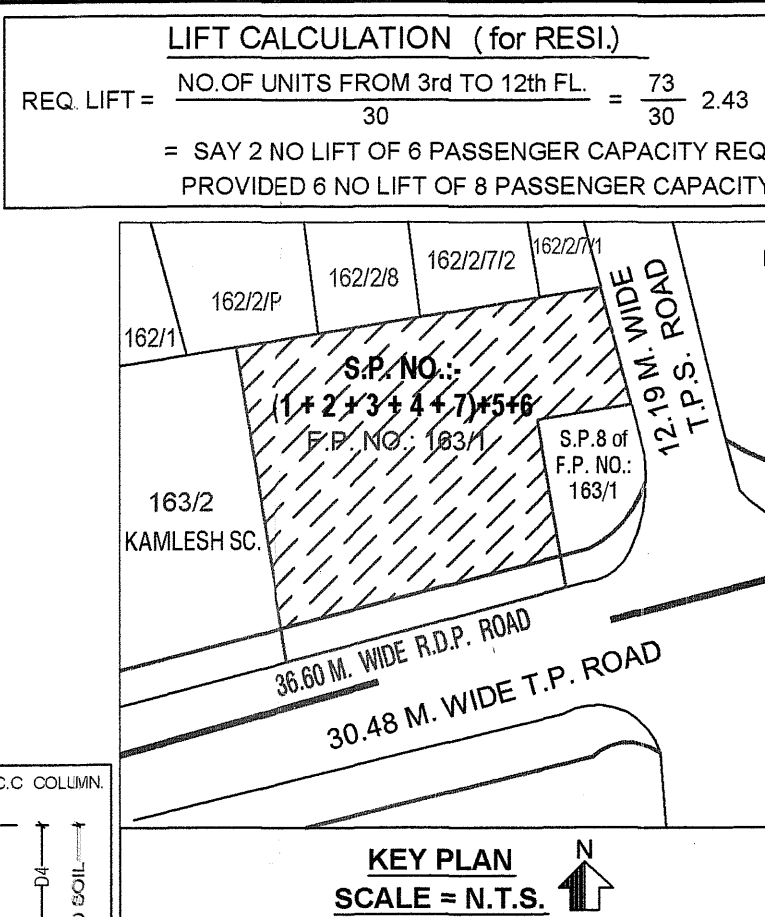
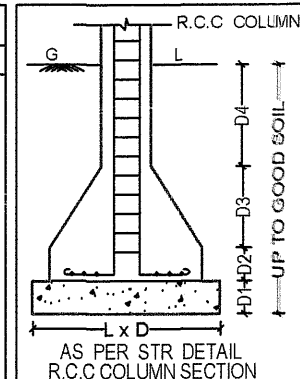
PERCOLATING WELL CALC.:

PLOT AREA = 3015.10 SQ.MT.
REQ. 1500 TO 4000 SMT = 0.75 NOS.
SAY REQ. P.WELL = 1 NOS.
PROVI. P.WELL = 1 NOS.

CONTAINER BIN CALC. (COMMERCIAL)
TOTAL FLOOR AREA = 2274.65 SMT.
CONT. REQD = 100 SMT. = 1 NOS. (20 LTRS CAP)
MAXIMUM CAPACITY OF CONTAINER = 80 LTRS.
80 LTRS = 4 CONT = 1 CONTAINER (80 LTRS CAP)
= 2274.65 / 400
= 5.69 CONTAINER REQUIRED
SAY = 6 NOS. CONTAINER REQUIRED
TOTAL C.B PROVIDED = 6 NOS. OF 80 LTR CAP.
= 10 NO (FOR RESI) + 6 NO (FOR COMM)
= 16 NO. OF 80 LTR CAP.

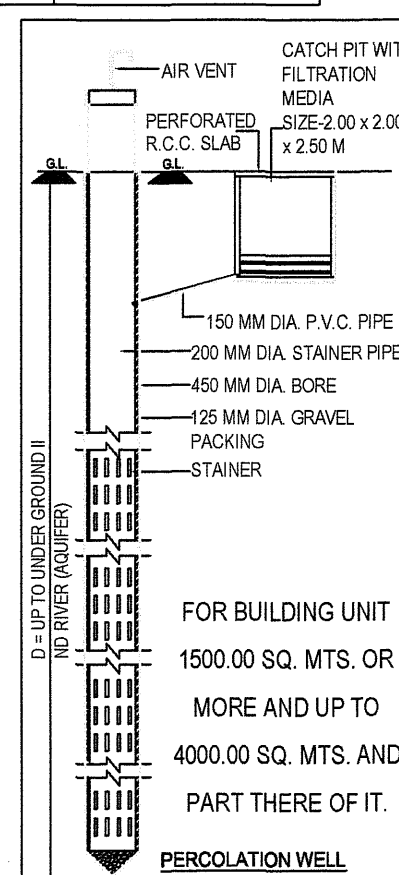
RESI. COMMUNITY BIN CALC.
TOTAL NOS. OF UNIT = 77 NOS.
CONT. REQD = 1 UNIT = 1 NOS. (10 LT CAP)
MAXIMUM CAPACITY OF CONT. = 80 LTRS.
80 LTRS = 8 UNIT = 1 CONT. (80 LTRS CAP.)
= 77 NOS. UNITS / 8
= 9.63 CONTAINER BIN REQUIRED
SAY = 10 NOS CONTAINER BIN REQUIRED
10 NOS CONTAINER BIN PROVI. OF 80 LTRS CAP.

FIRE HYDRANT LEGEND
1 FIRE HYDRANT PIPE MAIN
2 SUCTION 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 SHAMME CONNECTION
10 RISE OR DROP



FLOOR	USE	UNIT	IN SQ.MTS.							
			F.S.I. & FLOOR AREA				B.U.P AREA			
	BLK : B+C	BLK : A+B+C	BLK : B+C	BLK : A+B+C	BLK : B+C	BLK : A+B+C	BLK : B+C	BLK : A+B+C		
	REVISE	REVISE	APPROVED	REVISE COMM	APPROVED	REVISE	APPROVED	REVISE		
2nd BASEMENT	PARKING	PARKING					1107.34	1653.18		
1st BASEMENT	PARKING	PARKING					1107.34	1705.28		
GR. FL. (H.P)	PARKING	PARKING GR. LVL					501.80	541.27		
GR. FL. (S.P)		COMM.		04			763.89	763.89		
1st FL.	RESI.	COMM.+RESI.	05	04	02	364.14	755.48 + 274.17 = 1029.65	489.16	803.99 + 500.97 = 1304.96	
2nd FL.	RESI.	COMM.+RESI.	05	04	02	364.14	755.48 + 274.17 = 1029.65	489.16	803.99 + 500.97 = 1304.96	
3rd FL.	RESI.	RESI.	05		05	364.14	891.84	489.16	1128.75	
4th FL.	RESI.	RESI.	05		07	364.14	887.22	489.16	1128.75	
5th FL.	RESI.	RESI.	05		07	364.14	887.22	489.16	1128.75	
6th FL.	RESI.	RESI.	05		07	364.14	887.22	489.16	1128.75	
7th FL.	RESI.	RESI.	05		07	364.14	887.22	489.16	1128.75	
8th FL.	RESI.	RESI.	05		07	364.14	887.22	489.16	1128.75	
9th FL.	RESI.	RESI.	05		07	364.14	887.22	489.16	1128.75	
10th FL.		RESI.			07		887.22		1128.75	
11th FL.		RESI.			07		887.22		1128.75	
12th FL.		RESI.			07		887.22		1128.75	
13th FL.		RESI.			05		742.35		986.79	
STAIR CABIN								122.94	205.62	
L.M.R. & O.H.W.T.								95.18	138.47	
TOTAL	RESI.	COMM.+RESI.	45	12	77	3277.26	2274.65 + 10167.51 = 12442.16	7337.04	19891.72	

PLOT AREA TABLE	IN SQ.MTS.		
	AS PER APP. PLAN	AS PER 7/12	PLOT AREA TAKEN WHICH EVER IS LESS
AMALGAMATED AREA OF S.P. NO. (1+2+3+4+7)+5	2857.03	2855.27	2855.27
LESS: AREA GOING IN T.P. SCHEME EXECUTION	57.00	57.00	57.00
PLOT AREA RELATED TO T.P.S.	2800.03	2798.27	2798.27
LESS: AREA GOING IN R.D.P. ROAD LINE	67.00	67.00	67.00
NET PLOT AREA	2733.03	2731.27	2731.27
PLOT AREA OF S.P. NO. 6	449.83	483.84	449.83
LESS: AREA GOING IN T.P. SCHEME EXECUTION	79.00	79.00	79.00
PLOT AREA RELATED TO T.P.S.	370.83	404.84	370.83
LESS: AREA GOING IN R.D.P. ROAD LINE	87.00	87.00	87.00
NET PLOT AREA	283.83	317.84	283.83
AMALGAMATED AREA OF S.P. NO. (1+2+3+4+7)+5+6	3308.86	3339.11	3305.10
LESS: AS PER AREA GOING IN T.P. SCHEME EXECUTION	136.00	136.00	136.00
PLOT AREA RELATED TO T.P.S.	3170.86	3203.11	3169.10
LESS: AS PER AREA GOING IN R.D.P. ROAD LINE	154.00	154.00	154.00
NET PLOT AREA	3016.86	3049.11	3015.10



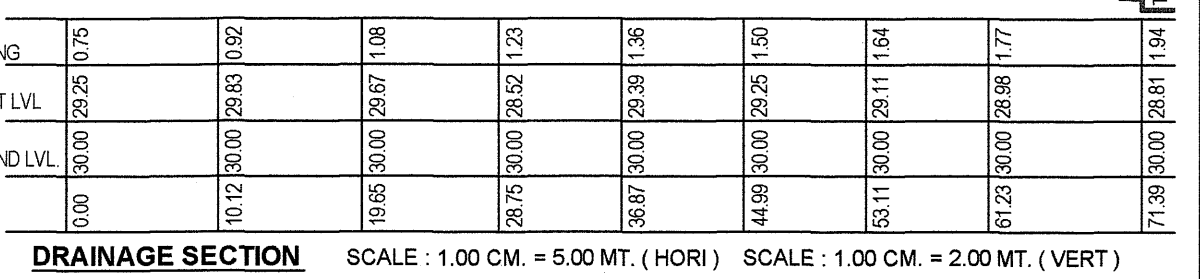
LAYOUT PLAN SHEET NO.: 1/11
REVI. PARKING LAYOUT PLAN SHOWING RESI.+COMM. BLDG. ON AMALGAMATED S.P.NO.:- (1+2+3+4+7) +5+6 OF F.P. NO.:- 163/1 OF T.P.S. NO.:- 2 (KANKARIA) SECOND VARIED FINAL SANCTION, [MODE :- RAJPUR - HIRPUR, TA.:- MANINAGAR, DIST.:- AHMEDABAD.

ZONE AS PER R.D.P. 2021:- RESIDENTIAL - 1 (ONE) (R1) AND TRANSIT ORIENTED ZONE (T.O.Z.) (OVERLAY DUE TO B.T.S.) **BLOCK : A+B+C**
USE : RESIDENCE + COMM. (DWELLING - 3) SCALE : 1.00 CM. = 2.00 MT.

F.S.I. AREA TABLE :- IN SQ.MTS.
PLOT AREA TAKEN WHICH EVER IS LESS (NET PLOT AREA = 3015.10 + AREA GOING IN R.D.P. = 154.00) 3169.10
PERMI. F.S.I. AS PER BASE ZONE R1 @ 1.8 (3169.10 x 1.8) 5704.38
PERMI. CHARG. F.S.I. AS PER BASE ZONE R1 @ 0.9 (3169.10 x 0.9) 2852.19
PERMI. HIGHER CHARG. F.S.I. AS PER BASE ZONE R1 @ 1.3 (3169.10 x 1.3) 4119.83
PERMI. TOTAL F.S.I. AS PER BASE ZONE R1 @ 4.0 (3169.10 x 4.0) 12676.40
USED F.S.I. AREA IN S.P. NO. (1 + 2 + 3 + 4 + 7) + 5 + 6 12442.16
CHARGESABLE F.S.I. AREA 2852.19
USED HIGHER CHARG. F.S.I. AREA (12442.16 - 8556.57) 3885.59
REQ. COMMON PLOT AREA @ 10% OF PLOT AREA (3015.10 x 0.10) 301.51
PROV. COMMON PLOT AREA 459.59

COLOUR NOTES :
PLOT BOUNDARY PERCOLATING WELL TREE WORK TO BE REMOVE
DRAINAGE DRIVE WAY SPRINKLER
PROP. WORK COM. BIN ROAD

(1) EARLIER APPR. AMALGAMATION OF SUB PLOTS WITH REF. CASE NO.:
LTA/SZ/260916/GDR/A7207/M1 DATED : 23/02/2017
(2) EARLIER APPR. BUILDING PLAN IN AMALGAMATED S.P.NO.:- (1 + 2 + 3 + 4 + 7) + 5
AS PER REF. CASE NO. : BHNTS/SZ/240517/GDR/A8570/R0/M1
C.C. NO. : 9163/240517/A8570/R0/M1 DTD : 28/08/2017
(3) EARLIER APPR. AMALGAMATION OF SUB PLOTS WITH REF. CASE NO.:
LTA/SZ/150917/GDR/A9078/M1 DATED : 02/11/2017



DRAINAGE SECTION SCALE : 1.00 CM. = 5.00 MT. (HORI) SCALE : 1.00 CM. = 2.00 MT. (VERT)

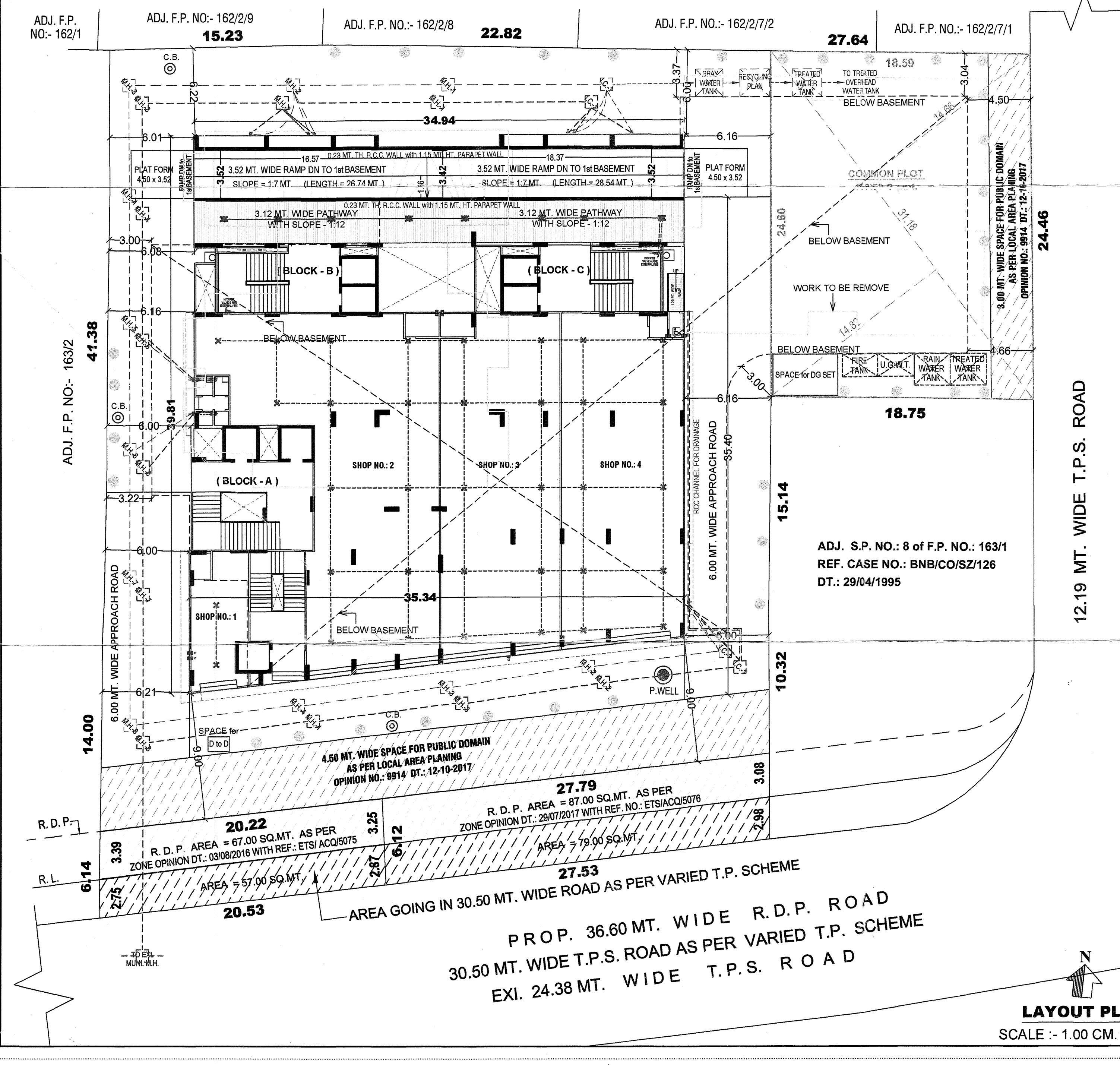
SAROVAR DEVELOPERS PVT. LTD.
AMC Developer Lic No. DEV855011221

FOR, SAROVAR REALTY LLP
DESIGNATED PARTNER
Harsiddh Housing Association
President Secretary
OWNER
CLERK OF WORK

A.V. LODHIA
B.E. CIVIL
AMC-ER. LIC No. SP0901220419
19, Shyamdhani Tenement,
Ghodasara, Ahmedabad-50.
NARESH K. SHAH
209, NALANDA ENCLAVE
OPP. SUDAMA RESORTS
PRITAMNAGAR, AHMEDABAD
AMC STRUCTURAL DESIGNER (GRADE-I)
LIC No. SD009220002123

ENGINEER **STRUCTURE ENGINEER**

Ahmedabad Municipal Corporation
Case No. : BHNTS/SZ/240517/GDR/A8570/R1/M1 Zone: SOUTH
Plan Approved as per terms and condition mentioned in the Commencement Certificate
Raja Chitthi Number : 10040/240517/A8570/R1/M1
Date : 07/03/2018
Sub Inspector (Public Center) Asst. T.O. (Asst. E.O. (Civil Center)) Nitesh Baranda Dy.T.O. SOUTH Dr. Harshit P. Gosavi Dy. IAC SOUTH
T.D.O. (T.D.O.) T.D.O. (T.D.O.) T.D.O. (T.D.O.) T.D.O. (T.D.O.)



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

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NO. : DT. : / /
T.D.O. BPSP, AMC