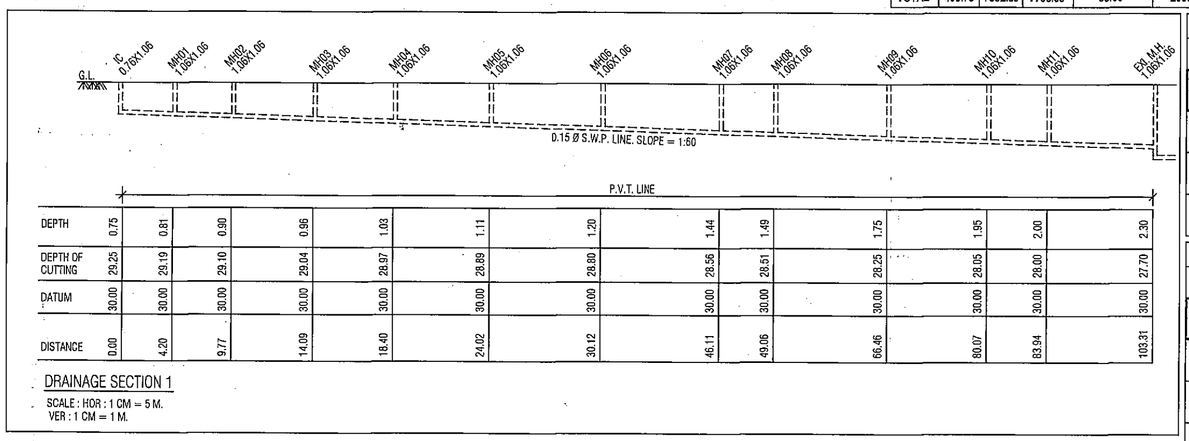
PLAN SHOWING PROP. AFFORDABLE HOUSING PROJECT RESI.+COMM. BULDG. LAYOUT ON R.S.NO. 20/2 F.P.NO: 22/2, OP NO.22/2 D.T.P.SCHEME NO. 111 (NIKOL-KATH.) VILLAGE :- NIKOL , TA & DI :- A'BAD VILLAGE :- NIKOL , TA & DI :- AHMEDABAD

BLOCK : A

SCALE : 1 CM = 2.00 MT ZONE : R1 (RESIDENTIAL AFFORDABLE HOUSING) USE : RESI. + COMM.

AREA TABLE :-	SQMT
PLOT AREA	3218.00
REQ. COMMON PLOT @ 10 %	321.80
PROVI. COMMON PLOT	346.10
PROPOSED BUILT UP AREA ON GR. FL. (GR.COVERAGE)	1353.86
PERMI. F.S.I. AREA (1:1.8) (3218.00 X 1.8)	5792.40
PROPOSED F.S.I. AREA ON GR. FLOOR (S.P)	202.88
PROPOSED F.S.I. AREA ON 1st. FLOOR	1091.77
PROPOSED F.S.I. AREA ON 2nd.FLOOR	1084.00
PROPOSED F.S.I. AREA ON 3rd. FLOOR	1084.00
PROPOSED F.S.I. AREA ON 4th. FLOOR	1084.00
PROPOSED F.S.I. AREA ON 5th. FLOOR	1084.00
PROPOSED F.S.I. AREA ON 6th. FLOOR (161.75 + (CHARGE F.S.I. 922.25))	1084.00
PROPOSED F.S.I. AREA ON 7th. FLOOR (CHARGE F.S.I. 1084.00)	1084.00
TOTAL USE F.S.I.	7798.65
PERMI. PAYMENT F.S.I. @ 0.9 OF PLOT AREA (3218.00 X 0.90)	2896.20
TOTAL CHARGEABLE F.S.I. (7798.65 - 5792.40)	2006.25

BLOCK	CONSUME F.S.I.			PROP. CHARG. F.S.I. COMM.	PROP. CHARG. F.S.I. RESI.	PROP. CHARG. F.S.I.	NO. OF COMM. UNIT	RESIDENTIAL DWELLING UNIT UP 50 SQ.MT				RESI. DWELLING UNIT MORE THEN 50 SQ.MT AND UP TO 65 SQ.MT			
	COMM.	RESI.	TOTAL					NO. OF UNIT	F.S.I. AREA	% USED F.S.I.	CHARG. F.S.I.	NO. OF UNIT	F.S.I. AREA	% USED F.S.I.	CHARG. F.S.I.
A	405.76	2323.69	2929.45	00.00	684.87	684.87	16					39	2523.69	100.00	684.87
B+C		2313.92	2313.92		627.94	627.94		56	2313.92	100.00	627.94				
D+E		2555.28	2555.28		693.44	693.44		56	2555.28	100.00	693.44				
TOTAL	405.76	7392.89	7798.65	00.00	2006.25	2014.02	16	112	4869.20		1321.38	39	2523.69		684.87



DEPTH	0.75	0.81	0.90	0.96	1.03	1.11	1.20	1.44	1.49	1.75	1.95	2.00	2.30		
DEPTH OF CUTTING	29.25	29.19	29.10	29.04	28.97	28.89	28.80	28.56	28.51	28.25	28.05	28.00	27.70		
DATUM	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00		
DISTANCE	0.00	4.20	9.77	14.09	18.40	24.02	30.12	46.11	49.06	66.46	80.07	83.94	103.31		

DRAINAGE SECTION 1

SCALE : HOR : 1 CM = 5 M.
VER : 1 CM = 1 M.

F.S.I AREA (COMM. + RESI.)

BLOCK NO.	COMM.	RESI. 00 TO 50	RESI. 50 TO 65	RESI. 66 TO 80	TOTAL
BLOCK A	405.76	00	2523.69	00	2929.45
BLOCK B+C	00	2313.92	00	00	2313.92
BLOCK D+E	00	2555.28	00	00	2555.28
TOTAL AREA	405.76	4869.20	2523.69	00	7798.65

NOS OF UNIT (COMM. + RESI.)

BLOCK NO.	COMM.	RESI. 00 TO 50	RESI. 50 TO 65	RESI. 66 TO 80	TOTAL
BLOCK A	16	00	39	00	55
BLOCK B+C	00	56	00	00	56
BLOCK D+E	00	56	00	00	56
TOTAL AREA	16	112	39	00	167

NOTE:-
* ALL DIMENSIONS ARE IN METRE.
* ALL EXTERNAL WALLS AREA AS PER NBC & IS SPECIFICATION.
* ALL INTERNAL WALLS ARE OF 0.11 Th. BRICK.
* THE SIZE OF ALL R.C.C. COLUMNS ARE AS PER STRL. DETAILS.
* ALL PARAPET WALLS ARE OF 1.15 Ht.
* 0.10 Ø CI PIPE WITH V.P. SHALL BE PROVIDED FOR W.C.
* 0.07 Ø CI PIPE WITH V.P. SHALL BE PROVIDED FOR BATH & KITCHEN.
* DISCH.OF RAIN WATER PIPE PROVIDED ON TERRACE LVL. TO G.F. LVL.
* LIFT CARRING CAPASITY MINIMUM 6 PERSONS.

CHARGEABLE F.S.I

BLOCK NO.	COMM.	RESI. 0 TO 50	RESI. 50 TO 66	RESI. 66 TO 80
BLOCK A	00	00	684.87	00
BLOCK B+C	00	627.94	00	00
BLOCK D+E	00	693.44	00	00

BUILDING HEIGHT TABLE

BLOCK	HEIGHT OF BUILDING (G.F. TO TOP FLOOR)	TOTAL HEIGHT
A	24.40	29.56
B+C	24.40	29.56
D+E	24.40	29.56

SANITARY CALC:-

REQ. SANITARY
4.00 SQ MT CARPET AREA = 1 PERSONS
TOTAL CARPET AREA = 333.20 SQ.MT
333.20 / 4 = 83.30 PERSONS
SAY = 84 PERSONS

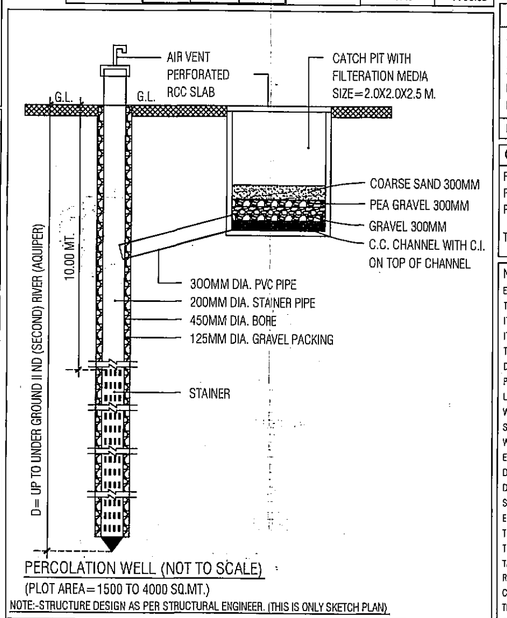
REQ. SANITARY	PROVI. SANITARY
100 PERSON 1 W.C. & URI. 84 / 100 = 0.84 SAY = 1 One Toilet Provided In Each Shop 25 % Sanitary For General Public Urinal = 1/0.25 = 0.40 Say = 1 Per Gender W.c = 1/0.25 = 0.40 Say = 1 Per Gender One Spacial Toilet For Handicap Person	Provi. 1 Toi.for Each Unit Total Provide 12 Nos. General 02 Nos.

BUILT UP AREA TABLE:-

FLOOR	BLOCK :- A COMM.	RESI.	PARKING	TOTAL	BLOCK :- B+C RESI.	BLOCK :- D+E RESI.	TOTAL (IN SMT)
GR. (PARK)			249.61	249.61	417.08	462.35	1129.04
G.F. (S.P)	224.82			224.82			224.82
1st. FLOOR	224.82	249.61		474.43	417.08	462.35	1353.86
2nd. FLOOR		445.62		445.62	417.08	462.35	1325.05
3rd. FLOOR		445.62		445.62	417.08	462.35	1325.05
4th. FLOOR		445.62		445.62	417.08	462.35	1325.05
5th. FLOOR		445.62		445.62	417.08	462.35	1325.05
6th. FLOOR		445.62		445.62	417.08	462.35	1325.05
7th. FLOOR		445.62		445.62	417.08	462.35	1325.05
STAIR CABIN		36.08		36.08	77.81	88.69	202.58
LM. RM. & O.H.W.T		19.55		19.55	33.90	39.90	93.35
TOTAL	449.64	2978.86	249.61	3678.21	3454.35	3827.39	10959.95

F.S.I. AREA TABLE:-

FLOOR	BLOCK :- A COMM.	RESI.	TOTAL	BLOCK :- B+C RESI.	BLOCK :- D+E RESI.	TOTAL (IN SMT)
G.F. (S.P)	202.88		202.88			202.88
1st. FLOOR	202.88	193.29	396.17	330.56	365.04	1091.77
2nd. FLOOR		388.40	388.40	330.56	365.04	1084.00
3rd. FLOOR		388.40	388.40	330.56	365.04	1084.00
4th. FLOOR		388.40	388.40	330.56	365.04	1084.00
5th. FLOOR		388.40	388.40	330.56	365.04	1084.00
6th. FLOOR		388.40	388.40	330.56	365.04	1084.00
7th. FLOOR		388.40	388.40	330.56	365.04	1084.00
TOTAL	405.76	2523.69	2929.45	2313.92	2555.28	7798.65



PERCOLATION WELL (NOT TO SCALE)
(PLOT AREA= 1500 TO 4000 SQ.MT.)

NOTE:-STRUCTURE DESIGN AS PER STRUCTURAL ENGINEER. (THIS IS ONLY SKETCH PLAN).

TREE PLANTATION CALC :- IN NOS.

REQ. 200.00 SQMT = 3 TREE
3218.00 / 200 X 3 = 48.27
SAY REQ.TREE = 48.27 NOS.

PROVIDE TREE = 49 NOS.

COMMON PLOT PLOT AREA CALC :- IN SQMT

(A) 34.61 X 10.00 = 346.10 SMT.

TOTAL COMMON PLOT AREA = 346.10 SMT.

PERCOLATING WELL CALC:- IN NOS.

REQ. 1500 TO 4000 SMT = 1 NOS.
3218.00 / 4000.00 = 0.80 NOS.
SAY REQ. P.WELL = 1 NOS.

PROVI. P.WELL = 1 NOS.

CONTAINER BIN CALC. (COMMERCIAL)

20 LTR CAPACITY FOR EACH 100 S.MT FL.AREA
PROP.C.B.- 985.20 / 100 X 20 = 197.04 LITERS
REQ. COMMUNITY BIN = 197.04 / 80 = 2.46 NOS.
PROP. COMMUNITY BIN = 3 NOS. OF 80 LTR. CAPACITY
PROVIDE CONTAINER BIN RESI. 18 + COMM. 3 = 21

PROVI. CONTAINER BIN = 21 NOS.

CONTAINER BIN CALC. (RESIDENCIAL)

TOTAL NO. OF UNIT 144
PER UNIT REQ 10 LTRS 1 CONTAINER
MAXI.CAPACITY OF CONTAINER 80 LTRS
80 LTRS = 8 UNITS
TOTAL NO. = 144 / 8 = 18.00
REQ. REFUSED CONT. = 18.00 NOS.

PROVI. CONTAINER BIN = 18 NOS.

COLOUR NOTE :-

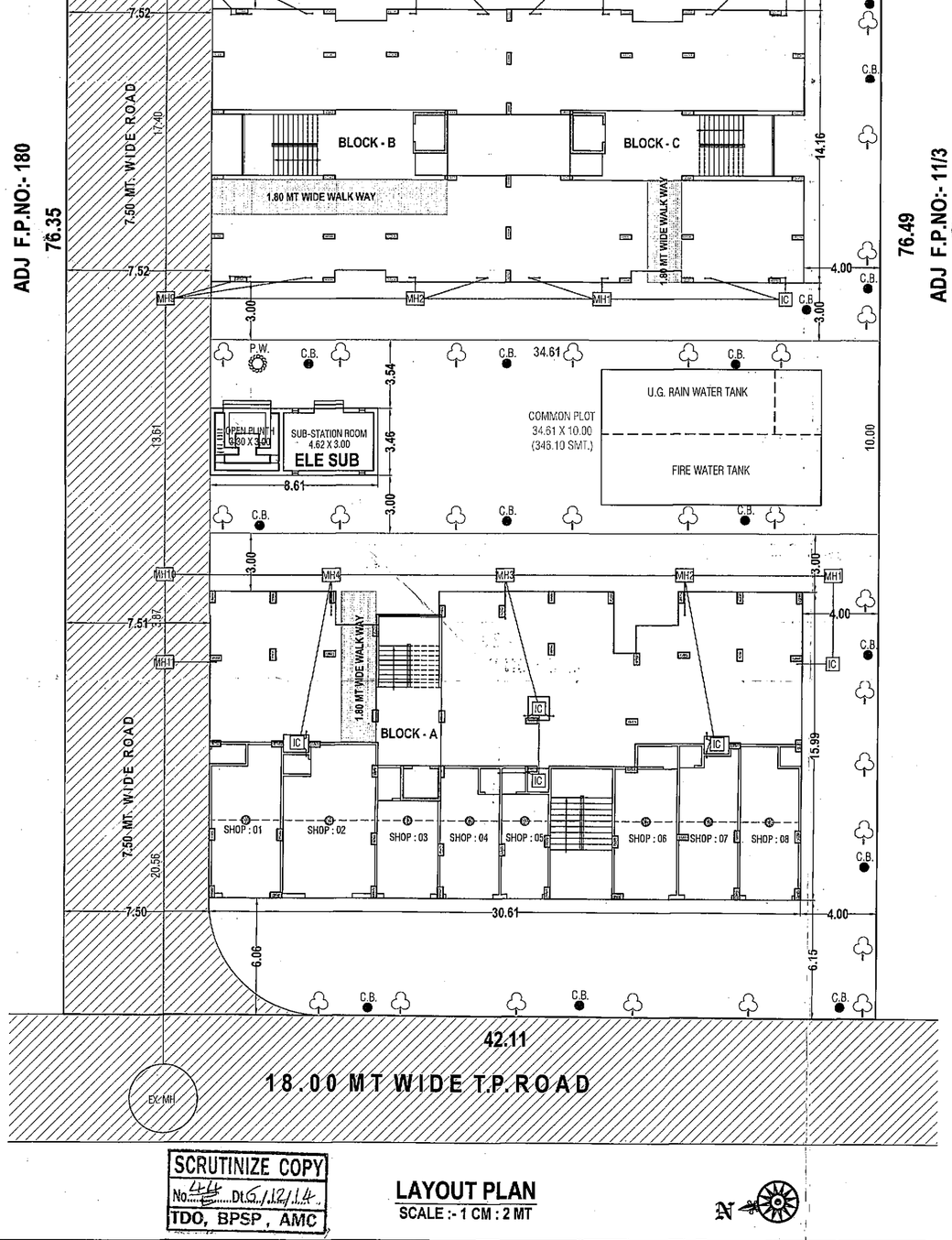
PLOT BOUNDARY — PROP. WORK
PARKING — COMMON PLOT
PROP.DRAIN — ROAD
TREE — P.WELL — CONT. BIN

NOTES:-
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 DRAFT GDR 2013 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 DRAFT GDR, 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 23.14 AND 24.6 OF DRAFT G.D.R.
PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.5 OF DRAFT G.D.R.
LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.7 OF DRAFT G.D.R.
WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF DRAFT G.D.R
SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHEPTER NO. 24 OF CRAFT GDR.
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 PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.7 OF THE DRAFT GDR.
ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.1.7 OF DRAFT GDR,
THE PAVING OF BUILDING UNIT/FINL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 23.1.4 OF DRAFT GDR.
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 DRAFT GDR 2013
COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF DRAFT GDR
TREE PALNTATION IS PROVIDED AS PER THE CLAUSE NO. 27.5 OF DRAFT GCR.
POLLUTION CONTROL SYSTEM IS PROVIDED AS PER THE CHAPTER NO. 28 OF DRAFT GDR.
FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPETER NO. 24 OF DRAFT GDR 2013.
MAINTANANCE AND UPGRADATION OF BUILDING IS AS PER CHAPETER NO. 29 OF DRAFT GDR 2013.

CHARGEABLE F.S.I CALCULATION

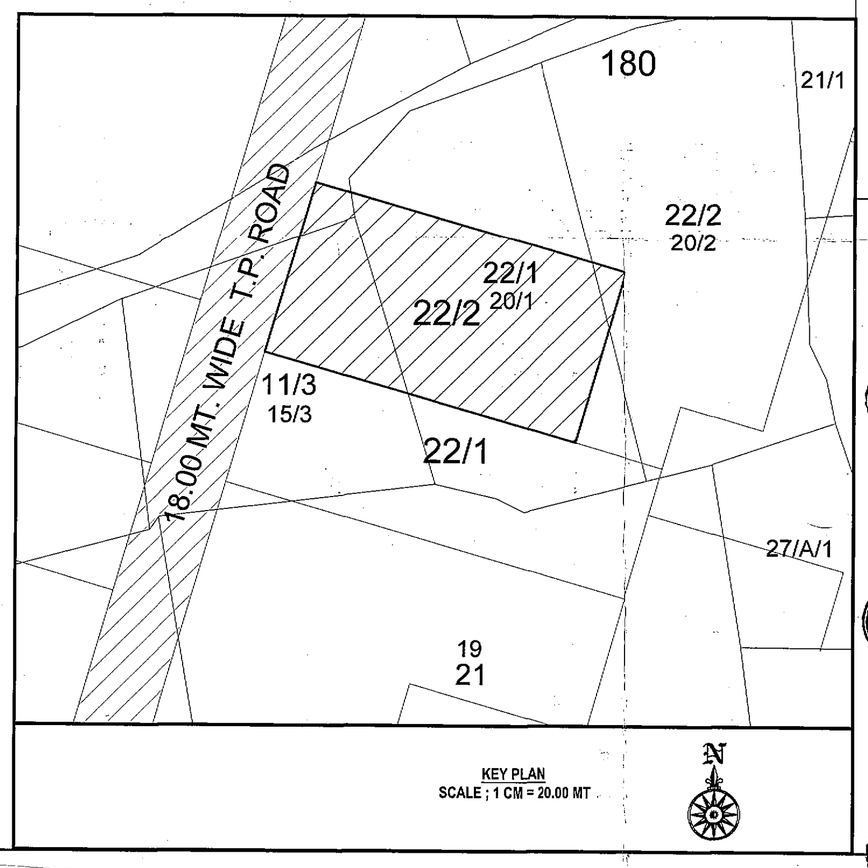
TOTAL PLOT AREA	3218.00 S.MT.
PERMI. F.S.I AREA 3218.00 X 1.80	5792.40 S.MT.
CHARGEABLE F.S.I @ 0.9 X 3218.00	2996.20 S.MT.
USE CHARGEABLE	2006.25 S.MT.
TOTAL USE F.S.I	7798.65 S.MT.

ELE. S.S.		
BUILTUP & F.S.I. AREA CALC :-		SQMT
GROUND FLOOR		
8.61 X 3.46 X 1 =	29.79	SMT



SCRUTINIZE COPY
No. 444 Dt. 5/12/18
TDO, BPSP , AMC

LAYOUT PLAN
SCALE :- 1 CM : 2 MT



KEY PLAN
SCALE ; 1 CM = 20.00 MT

With
M R Patel OWNER

Jigneshkumar M. Patel (B.E.Civil)
08, Itihas Residency, Nikol Naroda Road,
Nikol, Ahmedabad-382350.
AMC Lic. No. ER-0554051019R2
AMC Lic. No. CW-0422281218R1
C.O.W. / ENGINEER

R. G. UPADHYAY
AMC. LIC. No.: SD 0012080716 R2
F-1, Satyam Status, Nr. Sharanam-7,
Jodhpur-Satellite, Ahmedabad-15.
STR.ENGINEER

(T.D.O.) APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS CERTIFICATE OR BUILDING COMPLETION CERTIFICATES DO 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.R. 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

Ahmedabad Municipal Corporation
Comm. No: BLNTI/EZ/180613/GDR/A0050/R0/M1 Zone: East
Plan Approved as per terms and conditions mentioned in The Commencement Certificate.
Rajachitthi No: 02942/180613/A0050/R0/M1
Dated: 07/01/2019

Sub Inspector (Civic Center) Asst. T.D.O./Asst. E. (Civic Center) RAJENDRA JADAV Dy TDO East DILIP S. GOR (I/c) Dy MC East

RESIDENTIAL AFFORDABLE HOUSING PROJECT

SHEET NO. :- 01

REVISE LAYOUT PLAN SHOWING PROP. RESI.+COMM. BUILD. ON F.P. NO.:- 22/2 OP NO.:- 22/2, RS NO.:- 20/2 PRELIMINARY T.P. SCHEME NO.:- 111 (NIKOL- KATH.) VILLAGE : NIKOL, TA. :- ASARWA DIST :- AHMEDABAD.

BLOCK :- B+C

SCALE : 1 CM = 2.00 MT — ZONE : R1 — USE : RESI.+COMM.

AREA TABLE :-	APPROVED	REVISE
PLOT AREA	SQ.MT.	SQ.MT.
PLOT AREA	3218.00	3218.00
REQ. COMMON PLOT @ 08 %	321.80	257.44
PROVI. COMMON PLOT	346.10	263.65
PERMI. F.S.I. AREA (1:1.8) 3218.00 X 1.8	5792.40	5792.40
PROPOSED F.S.I. AREA ON GR. FLOOR (S.P.)	202.88	202.88
PROPOSED F.S.I. AREA ON 1st. FLOOR	1091.77	1185.05
PROPOSED F.S.I. AREA ON 2nd. FLOOR	1084.00	1177.28
PROPOSED F.S.I. AREA ON 3rd. FLOOR	1084.00	1177.28
PROPOSED F.S.I. AREA ON 4th. FLOOR	1084.00	1177.28
PROPOSED F.S.I. AREA ON 5th. FLOOR	1084.00	1177.28
PROPOSED F.S.I. AREA ON 6th. FLOOR	1084.00	1177.28
PROPOSED F.S.I. AREA ON 7th. FLOOR	1084.00	1177.28
TOTAL USE F.S.I.	7798.65	8451.61
PERMI. PAYMENT F.S.I. @ 0.9 OF PLOT AREA (3218.00 X 0.90)	2896.20	2896.20
TOTAL CHARGEABLE F.S.I. (8451.61 - 5792.40)	2006.25	2659.21

COMMON PLOT AREA CALC :- IN SMT.
(A) (15.97 X 16.63)-(3.00 X 3.00 X 0.215) = 263.65
TOTAL = 263.65
NET COMMON PLOT AREA = 263.65

TREE PLANTATION CALC :- IN NOS.
REQ. 200.00 SQMT = 3 TREE
3218.00 / 200 X 3 = 48.27
SAY REQ.TREE = 49.00 NOS.
PROVIDE TREE = 49.00 NOS.

CONTAINER BIN CALC. (RESIDENTIAL)
TOTAL NO. OF UNIT 123.00
PER UNIT REQ 10 LTRS 1 CONTAINER
MAXI.CAPACITY OF CONTAINER 80 LTRS
80 LTRS = 8 UNITS
TOTAL NO. = 123 / 8 = 15.38
REQ. REFUSED CONT. = 16.00 NOS.
PROVI. CONTAINER BIN = 16.00 NOS.

PERCOLATING WELL CALC:- IN NOS.
REQ. 1500 TO 4000 SMT = 1.00 NOS.
3218.00 / 4000.00 = 0.80 NOS.
SAY REQ. P.WELL = 1.00 NOS.
PROVI. P.WELL = 1.00 NOS.

CONTAINER BIN CALC. (COMMERCIAL)
20 LTR CAPACITY FOR EACH 100 S.MT FL.AREA
PROP.C.B.- 333.20 / 100 X 20 = 66.64 LITERS
REQ. COMMUNITY BIN = 66.64 / 80 = 0.83 NOS.
PROP. COMMUNITY BIN = 1.00 NOS.
PROVIDE CONTAINER BIN RESI. 16 + COMM. 1 = 17
PROVI. CONTAINER BIN = 17.00 NOS.

COLOUR NOTE :-
PLOT BOUNDARY — PROP. WORK — PARKING
COMMON PLOT — PROP.DRAIN — ROAD
CONT. BIN ● TREE — P.WELL — SPRINKLER

FLOOR AREA TABLE:-

FLOOR	BLOCK :- A APPROVED USE COMM.	RESI.	TOTAL	AREA COMM.	RESI.	TOTAL	BLOCK :- B+C APPROVED USE RESI.	AREA RESI.	BLOCK :- B+C REVISE USE RESI.	AREA RESI.	BLOCK :- D+E APPROVED USE RESI.	AREA RESI.	BLOCK :- D REVISE USE RESI.	AREA RESI.	TOTAL APPROVED USE COMM.	RESI.	TOTAL	TOTAL APPROVED AREA COMM.	RESI.	TOTAL	TOTAL REVISE USE RESI.	AREA RESI.	TOTAL USE COMM.	RESI.	TOTAL	TOTAL AREA COMM.	RESI.	TOTAL
GR. FLOOR (S.P.)	08	----	08	185.52	----	185.52	----	----	----	----	----	----	----	----	08	----	08	185.52	----	185.52	----	----	08	----	08	185.52	----	185.52
1st. FLOOR	08	03	11	147.68	177.99	325.67	08	297.76	08	481.86	08	329.92	04	241.74	08	19	27	147.68	805.67	953.35	12	723.60	08	15	23	147.68	901.59	1049.27
2nd. FLOOR	---	06	06	----	355.98	355.98	08	297.76	08	481.86	08	329.92	04	241.74	---	22	22	----	983.66	983.66	12	723.60	---	18	18	----	1079.58	1079.58
3rd. FLOOR	---	06	06	----	355.98	355.98	08	297.76	08	481.86	08	329.92	04	241.74	---	22	22	----	983.66	983.66	12	723.60	---	18	18	----	1079.58	1079.58
4th. FLOOR	---	06	06	----	355.98	355.98	08	297.76	08	481.86	08	329.92	04	241.74	---	22	22	----	983.66	983.66	12	723.60	---	18	18	----	1079.58	1079.58
5th. FLOOR	---	06	06	----	355.98	355.98	08	297.76	08	481.86	08	329.92	04	241.74	---	22	22	----	983.66	983.66	12	723.60	---	18	18	----	1079.58	1079.58
6th. FLOOR	---	06	06	----	355.98	355.98	08	297.76	08	481.86	08	329.92	04	241.74	---	22	22	----	983.66	983.66	12	723.60	---	18	18	----	1079.58	1079.58
7th. FLOOR	---	06	06	----	355.98	355.98	08	297.76	08	481.86	08	329.92	04	241.74	---	22	22	----	983.66	983.66	12	723.60	---	18	18	----	1079.58	1079.58
TOTAL	16	39	55	333.20	2313.87	2647.07	56	2084.32	56	3373.02	56	2309.44	28	1692.18	16	151	167	333.20	6707.63	7040.83	84	5065.20	16	123	139	333.20	7379.07	7712.27

NOS OF UNIT (COMM. + RESI.)

BLOCK NO.	COMM.	RESI. 00 TO 50	RESI. 50 TO 66	RESI. 66 TO 80	TOTAL
BLOCK A	16	---	39	---	55
BLOCK B+C	---	---	56	---	56
BLOCK D	---	---	28	---	28
TOTAL AREA	16	---	123	---	139

F.S.I AREA (COMM. + RESI.)

BLOCK NO.	COMM.	RESI. 00 TO 50	RESI. 50 TO 66	RESI. 66 TO 80	TOTAL
BLOCK A	405.76	---	2523.69	00	2929.45
BLOCK B+C	---	---	3678.36	---	3678.36
BLOCK D	---	---	1843.80	---	1843.80
TOTAL AREA	405.76	---	8045.85	---	8451.61

BUILT UP AREA TABLE:-

FLOOR	BLOCK :- A APPROVED COMM.	RESI.	TOTAL	BLOCK :- B+C APPROVED RESI.	BLOCK :- B+C REVISE RESI.	BLOCK :- D+E APPROVED RESI.	BLOCK :- D REVISE RESI.	TOTAL APPROVED COMM.	RESI.	TOTAL	TOTAL REVISE RESI.	TOTAL AREA COMM.	RESI.	TOTAL
GR. FLOOR (H.P.)	------	249.61	249.61	417.08	607.26	462.35	300.86	------	1129.04	1129.04	908.12	------	1157.73	1157.73
GR. FLOOR (S.P.)	224.82	------	224.82	------	------	------	------	224.82	------	224.82	------	224.82	------	224.82
1st. FLOOR	224.82	249.61	474.43	417.08	607.26	462.35	300.86	224.82	1129.04	1353.86	908.12	224.82	1157.73	1382.55
2nd. FLOOR	------	445.62	445.62	417.08	607.26	462.35	300.86	------	1325.05	1325.05	908.12	------	1353.74	1353.74
3rd. FLOOR	------	445.62	445.62	417.08	607.26	462.35	300.86	------	1325.05	1325.05	908.12	------	1353.74	1353.74
4th. FLOOR	------	445.62	445.62	417.08	607.26	462.35	300.86	------	1325.05	1325.05	908.12	------	1353.74	1353.74
5th. FLOOR	------	445.62	445.62	417.08	607.26	462.35	300.86	------	1325.05	1325.05	908.12	------	1353.74	1353.74
6th. FLOOR	------	445.62	445.62	417.08	607.26	462.35	300.86	------	1325.05	1325.05	908.12	------	1353.74	1353.74
7th. FLOOR	------	445.62	445.62	417.08	607.26	462.35	300.86	------	1325.05	1325.05	908.12	------	1353.74	1353.74
ST. CABIN	------	36.08	36.08	77.81	90.96	88.69	43.13	------	202.58	202.58	134.09	------	170.17	170.17
LM. & OHWT	------	19.55	19.55	39.90	54.15	39.90	27.07	------	99.35	99.35	81.22	------	100.77	100.77
TOTAL	449.64	3228.57	3678.21	3454.35	5003.19	3827.39	2477.08	449.64	10510.31	10959.95	7480.27	449.64	10708.84	11158.48

F.S.I. AREA TABLE:-

FLOOR	BLOCK :- A APPROVED COMM.	RESI.	TOTAL	BLOCK :- B+C APPROVED RESI.	BLOCK :- B+C REVISE RESI.	BLOCK :- D+E APPROVED RESI.	BLOCK :- D REVISE RESI.	TOTAL APPROVED COMM.	RESI.	TOTAL	TOTAL REVISE RESI.	TOTAL AREA COMM.	RESI.	TOTAL
GR. FLOOR (S.P.)	202.88	------	202.88	------	------	------	------	202.88	------	202.88	------	202.88	------	202.88
1st. FLOOR	202.88	193.29	396.17	330.56	525.48	365.04	263.40	202.88	888.89	1091.77	788.88	202.88	982.17	1185.05
2nd. FLOOR	------	388.20	388.20	330.56	525.48	365.04	263.40	------	1084.00	1084.00	788.88	------	1177.28	1177.28
3rd. FLOOR	------	388.20	388.20	330.56	525.48	365.04	263.40	------	1084.00	1084.00	788.88	------	1177.28	1177.28
4th. FLOOR	------	388.20	388.20	330.56	525.48	365.04	263.40	------	1084.00	1084.00	788.88	------	1177.28	1177.28
5th. FLOOR	------	388.20	388.20	330.56	525.48	365.04	263.40	------	1084.00	1084.00	788.88	------	1177.28	1177.28
6th. FLOOR	------	388.20	388.20	330.56	525.48	365.04	263.40	------	1084.00	1084.00	788.88	------	1177.28	1177.28
7th. FLOOR	------	388.20	388.20	330.56	525.48	365.04	263.40	------	1084.00	1084.00	788.88	------	1177.28	1177.28
TOTAL	405.76	2522.49	2928.25	2313.92	3678.36	2555.28	1843.80	405.76	7392.89	7798.65	5522.16	405.76	8045.85	8451.61

BLOCK	CONSUME F.S.I. COMM.	RESI.	TOTAL	PROP. CHARG. F.S.I. COMM.	PROP. CHARG. F.S.I. RESI.	PROP. CHARG. F.S.I.	NO. OF COMM. UNIT	RESI. DWELLING UNIT MORE THEN 50 SQ.MT AND UP TO 66 SQ.MT: NO. OF UNIT	F.S.I. AREA	% USED F.S.I.	CHARG. F.S.I.
A	405.76	2523.69	2929.45	00.00	834.10	834.10	16	39	2523.69	100.00	834.10
B+C		3678.36	3678.36		1215.72	1215.72		56	3678.36	100.00	1215.72
D		1843.80	1843.80		609.39	609.39		28	1843.80	100.00	609.39
TOTAL	405.76	8045.85	8451.61	00.00	2659.21	2659.21	16	123	8045.85		2659.21

CHARGEABLE F.S.I

BLOCK NO.	COMM.	RESI. 0 TO 50	RESI. 50 TO 66	RESI. 66 TO 80
BLOCK A	---	---	684.87	---
BLOCK B+C	---	---	1320.54	---
BLOCK D	---	---	653.80	---

BUILDING HEIGHT TABLE

BLOCK	HEIGHT OF BUILDING (G.F. TO TOP FLOOR)	TOTAL HEIGHT
A	24.70	29.56
B+C	24.70	30.00
D	24.70	30.00

SANITARY CALC:-
REQ. SANITARY
4.00 SQ MT CARPET AREA = 1 PERSONS
TOTAL CARPET AREA = 449.64 SQ MT
449.64 / 4 = 112.41 PERSONS
SAY = 113 PERSONS

REQ. SANITARY	PROVI. SANITARY
100 PERSON 1 W.C. & URI. 113 / 100 = 1.13 SAY = 2 One Toilet Provided In Each Shop 25 % Sanitary For General Public Urinal = 2/0.25 = 0.50 Say = 1 Per Gender W.c = 2/0.25 = 0.50 Say = 1 Per Gender One Spacial Toilet For Handicap Person	Provi. 1 Tol.for Each Unit Total Provide 12 Nos. General 02 Nos.

NOTES:-
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 NORMS OF THE INDIAN STANDARDS.
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 GDCR 2021
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
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 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
COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF GDCR 2021
TREE PALNTATION IS PROVIDED AS PER THE DLAUSE NO. 27.5 OF GDCR 2021
POLLUTION CONTROL SYSTEM IS PROVIDED AS PER THE CHAPTER NO. 28 OF GDCR 2021
MAINTANANCE AND UPGRADATION OF BUILDING IS AS PER CHAPETER NO. 29 OF GDCR 2021

NOTE:-
- ALL DIMENSIONS ARE IN METRE.
- ALL EXTERNAL WALLS ARE AS PER NBC & IS SPECIFICATION.
- ALL INTERNAL WALLS ARE OF 0.12 TH. BRICK.
- THE SIZE OF ALL R.C.C. COLUMNS ARE AS PER STRL. DETAILS.
- ALL PARAPET WALLS ARE OF 1.15 H.
- 0.10 Ø CI PIPE WITH V.P. SHALL BE PROVIDED FOR W.C.
- 0.07 Ø CI PIPE WITH V.P. SHALL BE PROVIDED FOR BATH & KITCHEN.
- DISCH.OF RAIN WATER PIPE PROVIDED ON TERRACE LVL. TO G.F. LVL.
- LIFT CARRING CAPASITY MINIMUM 6 PERSONS.

CHARGEABLE F.S.I CALCULATION

TOTAL PLOT AREA	3218.00 SMT.
PERMI. F.S.I AREA 3218.00 X 1.80	5792.40 SMT.
CHARGEABLE F.S.I @ 0.9 X 3218.00	2896.20 SMT.
USE CHARGEABLE	2659.21 SMT.
TOTAL USE F.S.I	8451.61 SMT.

COMM. PARKING AREA CALCULATION :-
COMM. USE F.S.I. AREA :- 405.76 SMT.
PARKI. = 405.76 X 50% = 202.88 SMT
REQ. CAR PARKING 50% = 101.44
REQ. OTHER PARKING 30% = 60.86
REQ. VISITOR PARKING 20% = 40.58
TOTAL = 202.88

TOTAL REQ. PARKING

	TOTAL REQ.	PROVI. PARKING GR. FLOOR	TOTAL AREA
CAR	101.44	101.52	101.52
OTHER	60.86	60.87	60.87
VISITOR	40.58	44.20	44.20
TOTAL	202.88	206.59	206.59

COMM. PARKING AREA CALC.
CAR PARKING
IN H.P. (A-1) 9.28 X 10.94 X 1 = 101.52 SMT.
TOTAL = 101.52 SMT.
TOTAL CAR PARKING = 101.52 SMT.
OTHER PARKING
IN MARGIN (M-1) 3.37 X 10.94 X 1 = 36.87 SMT.
IN MARGIN (M-2) 4.00 X 6.00 X 1 = 24.00 SMT.
TOTAL = 60.87 SMT.
TOTAL OTHER PARKING = 60.87 SMT.
VISITOR'S PARKING
IN MARGIN (M-3) 4.00 X 3.70 X 1 = 14.80 SMT.
IN MARGIN (M-4) 2.50 X 1.56 X 3 = 11.70 SMT.
IN MARGIN (M-5) 1.46 X 12.12 X 1 = 17.70 SMT.
TOTAL = 44.20 SMT.
TOTAL VISITOR'S PARKING = 44.20 SMT.

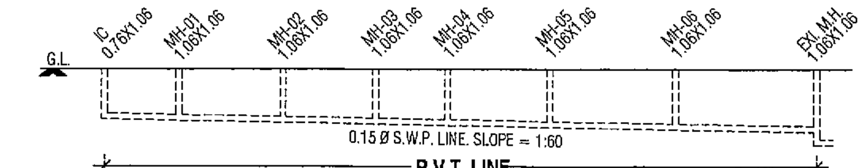
DISABILITY CAR CALC. : 25 CAR = 1 DISABILITY CAR
TOTAL 16 CAR = 16/25 = 0.64, SAY = 1 CAR
PROV. TOTAL 16 CAR

RESI. PARKING AREA CALCULATION :-
00 TO 66 SMT. F.S.I. AREA :- 8045.85 SMT.
PARKI. = 8045.85 X 10% = 804.59 SMT
REQ. ADD.VISITORS PARKING 10 % OF TOTAL PARKING
804.59 X 10 % = 80.46 SMT.
REQ. CAR PARKING 50% = 402.295
REQ. OTHER PARKING 50% = 402.295
REQ. VISITOR PARKING 10% = 80.46
TOTAL = 885.05

TOTAL REQ. PARKING

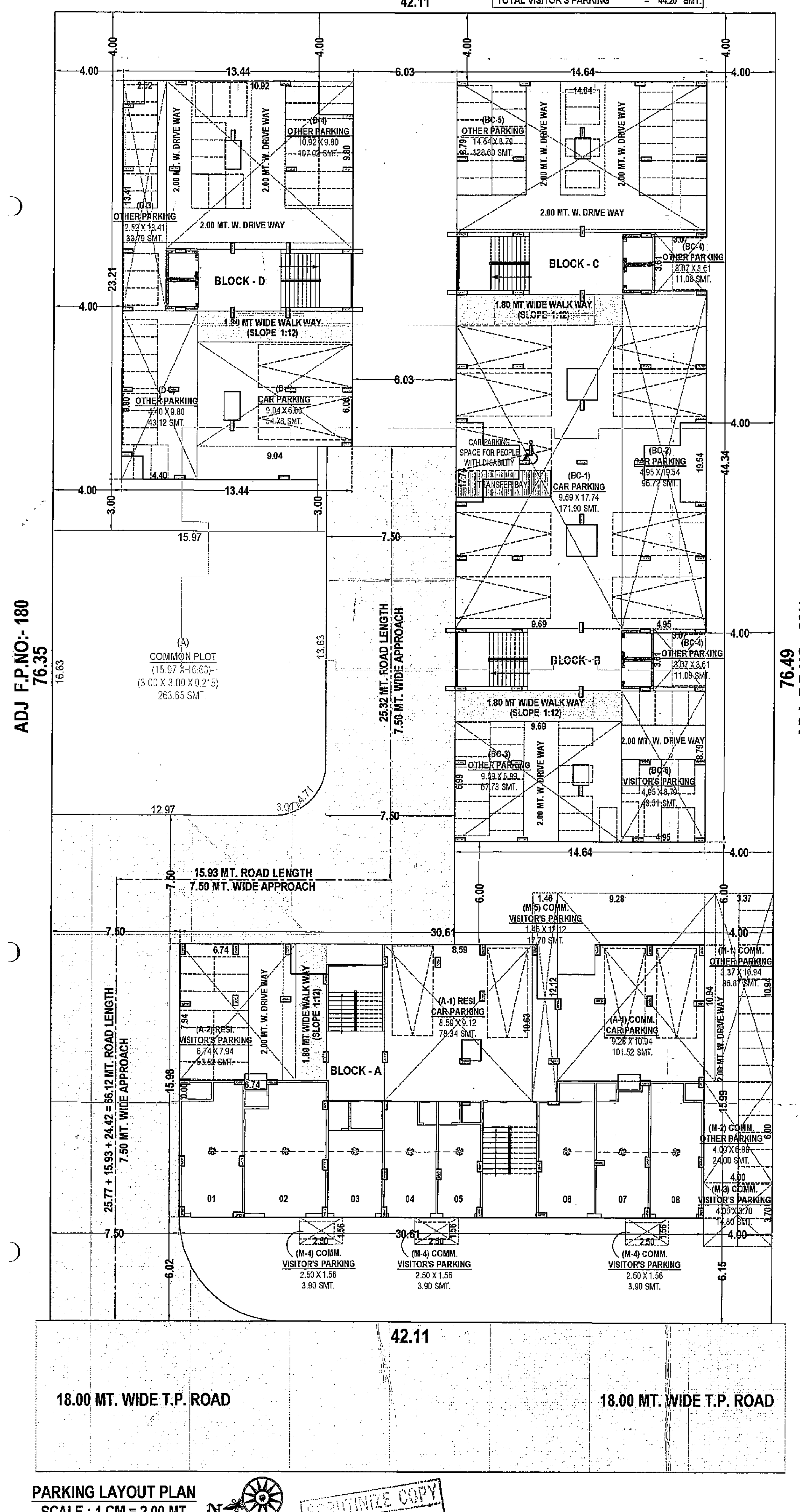
	TOTAL REQ.	PROVI. PARKING GR. FLOOR	TOTAL AREA
CAR	402.295	401.74	401.74
OTHER	402.295	402.51	402.51
VISITOR	80.46	97.03	97.03
TOTAL	885.05	901.28	901.28

RESI. PARKING AREA CALC.
CAR PARKING
IN H.P. (A-1) 8.59 X 9.12 X 1 = 78.34 SMT.
IN H.P. (BC-1) 9.69 X 17.74 X 1 = 171.90 SMT.
IN H.P. (BC-2) 4.95 X 19.54 X 1 = 96.72 SMT.
IN H.P. (D-1) 9.04 X 6.06 X 1 = 54.78 SMT.
TOTAL = 401.74 SMT.
TOTAL CAR PARKING = 401.74 SMT.
OTHER PARKING
IN H.P. (BC-3) 9.69 X 6.99 X 1 = 67.73 SMT.
IN H.P. (BC-4) 3.07 X 3.61 X 2 = 22.16 SMT.
IN H.P. (BC-5) 14.64 X 8.79 X 1 = 128.69 SMT.
IN H.P. (D-2) 4.40 X 9.80 X 1 = 43.12 SMT.
IN H.P. (D-3) 2.52 X 13.41 X 1 = 33.79 SMT.
IN H.P. (D-4) 10.92 X 9.80 X 1 = 107.02 SMT.
TOTAL = 402.51 SMT.
TOTAL OTHER PARKING = 402.51 SMT.
VISITOR'S PARKING
IN H.P. (A-2) 6.74 X 7.94 X 1 = 53.52 SMT.
IN H.P. (BC-6) 4.95 X 8.79 X 1 = 43.51 SMT.
TOTAL = 97.03 SMT.
TOTAL VISITOR'S PARKING = 97.03 SMT.

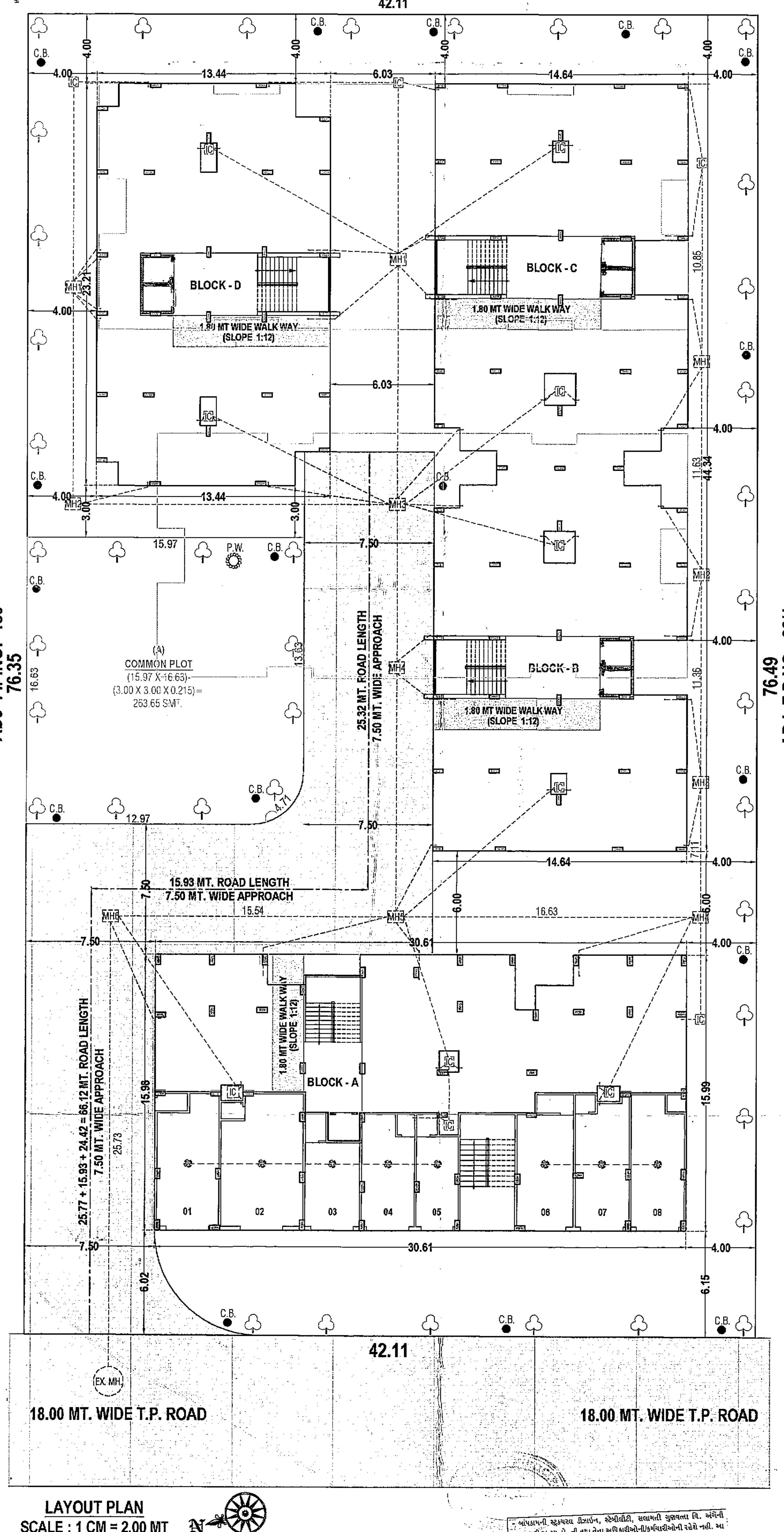


DEPTH	0.75	0.91	1.09	1.26	1.36	1.61	1.85	2.23
DEPTH OF CUTTING	29.25	29.09	28.91	28.74	28.64	28.39	28.15	27.77
DATUM	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
DISTANCE	0.00	10.85	22.48	33.84	40.95	57.58	73.12	98.85

CHANNEL FOR DRAINAGE SECTION 1
SCALE : HOR : 1 CM = 5 M.
VER : 1 CM = 1 M.

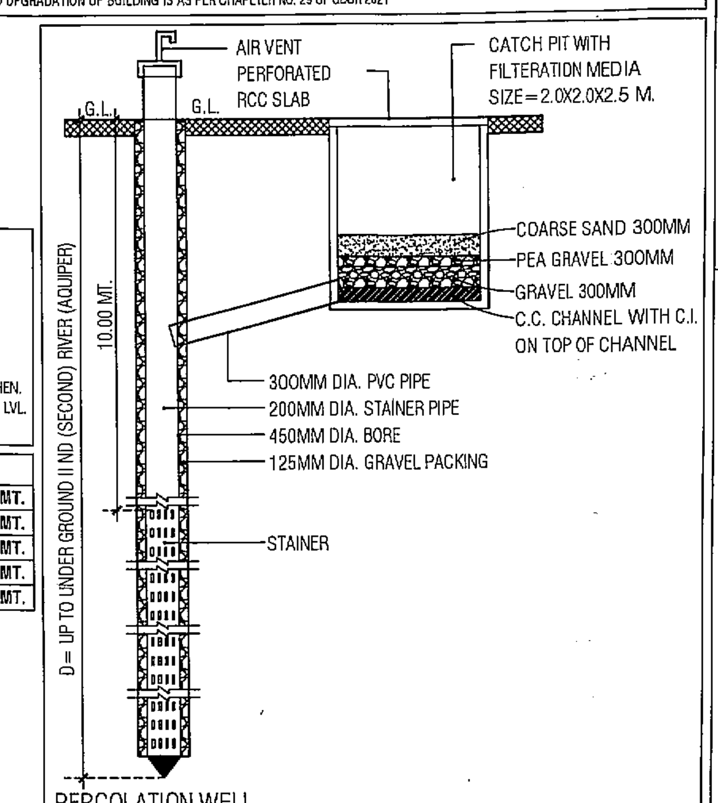


PARKING LAYOUT PLAN
SCALE : 1 CM = 2.00 MT

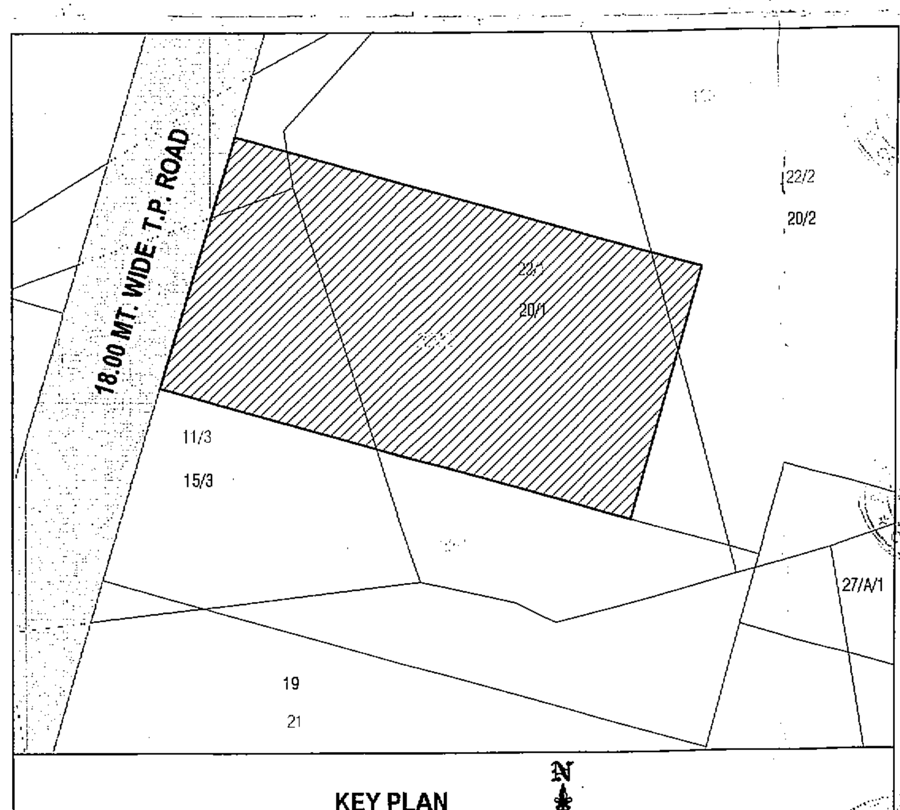


LAYOUT PLAN
SCALE : 1 CM = 2.00 MT

76.49
ADJ F.P.NO:- 22/1



PERCOLATION WELL
(PLOT AREA = 1500 TO 4000 SQ.MT.)
NOTE:-STRUCTURE DESIGN AS PER STRUCTURAL ENGINEER. (THIS IS ONLY SKETCH PLAN)



KEY PLAN
SCALE : 1 CM = 20.00 MT

KHODIYAR ENTERPRISE
AUTHO SIGN. SUBHAS A. PRAJAPATI
DEVLOPER LIC No. DEV 639310121
SHIVALAY GOLD, NR. SHREEDHAR FLORA, VRUNDAVAN PARTY PLOT ROAD, NIKOL-AHMEDABAD
DEVELOPER

Manishkumar B. Vaghashiya(B.E.Civil)
66, Krishnanagar Soc.
India Colony Road, A'BAD-380024
AMC Lic No. CW. 0658070720
C.O.W.

Jigneshkumar M. Patel (B.E.Civil)
08, Itihas Residency, Nikol Naroda Road, Nikol, Ahmedabad-382350.
AMC Lic. No. ER-0554051019R2
ENGINEER

KETAV P. JOSHI
S. D. LIC NO. 0042220716R2
K/2, Kenyug Apartment, Satellite, Ahmedabad.
STR.ENGINEER

For, KHODIYAR ENTERPRISE
Partner
OWNER

Ahmedabad Municipal Corporation
Zone: East

AUTHORITY