

(RESIDENTIAL PARKING AREA TABLE)

ALL APARTMENT BUILTUP AREA
TOTAL RESIDENTIAL FSI AREA FOR PARKING=4124.36

REQ PARKING AREA 4124.36 X 20 % = 824.87 SMT
PROVIDED PARKING AREA = 1760.08 SQ. MTS.

BASEMENT PARKING

TOTAL BASEMENT PARKING = 1063.09

BLOCK-A,B & GROUND PARKING

A) 15.11 X 5.50	=	83.10
B) 7.04 X 23.41	=	164.81
C) 5.50 X 2.66	=	14.63
D) 5.53 X 3.28	=	18.14
E) 5.51 X 3.28	=	18.07
F) 18.81 X 6.17	=	116.06
G) 4.99+6.57/2=5.78		
5.78 X 17.39	=	100.51
LESS:18.81 X 4.50	=	-84.64
		15.35
H) 12.48 X 3.14	=	39.19
I) 9.38 X 2.73	=	25.61
J) 3.84 X 3.28	=	12.60
K) 3.82 X 3.16	=	12.07
L) 9.35 X 2.73	=	25.52
M) 5.99 X 2.66	=	15.93
N) 3.69 X 5.50	=	20.29
O) 1.04 X 28.33	=	29.46

TOTAL PARKING = 612.35

TOTAL PARKING = 1063.09 + 696.99 = 1760.08

VISITOR PARKING

REQ PARKING 20 % OF REQ PARK 824.87 X 20 % = 164.97 SMT
PROVIDE PARKING

PROVIDE ALL GROUND PARKING = 169.16

VISITOR PARKING GROUND PARKING G) 15.35
SIDE PARKING O) 29.46

H 39.19+116.06

PARKING = 200.06

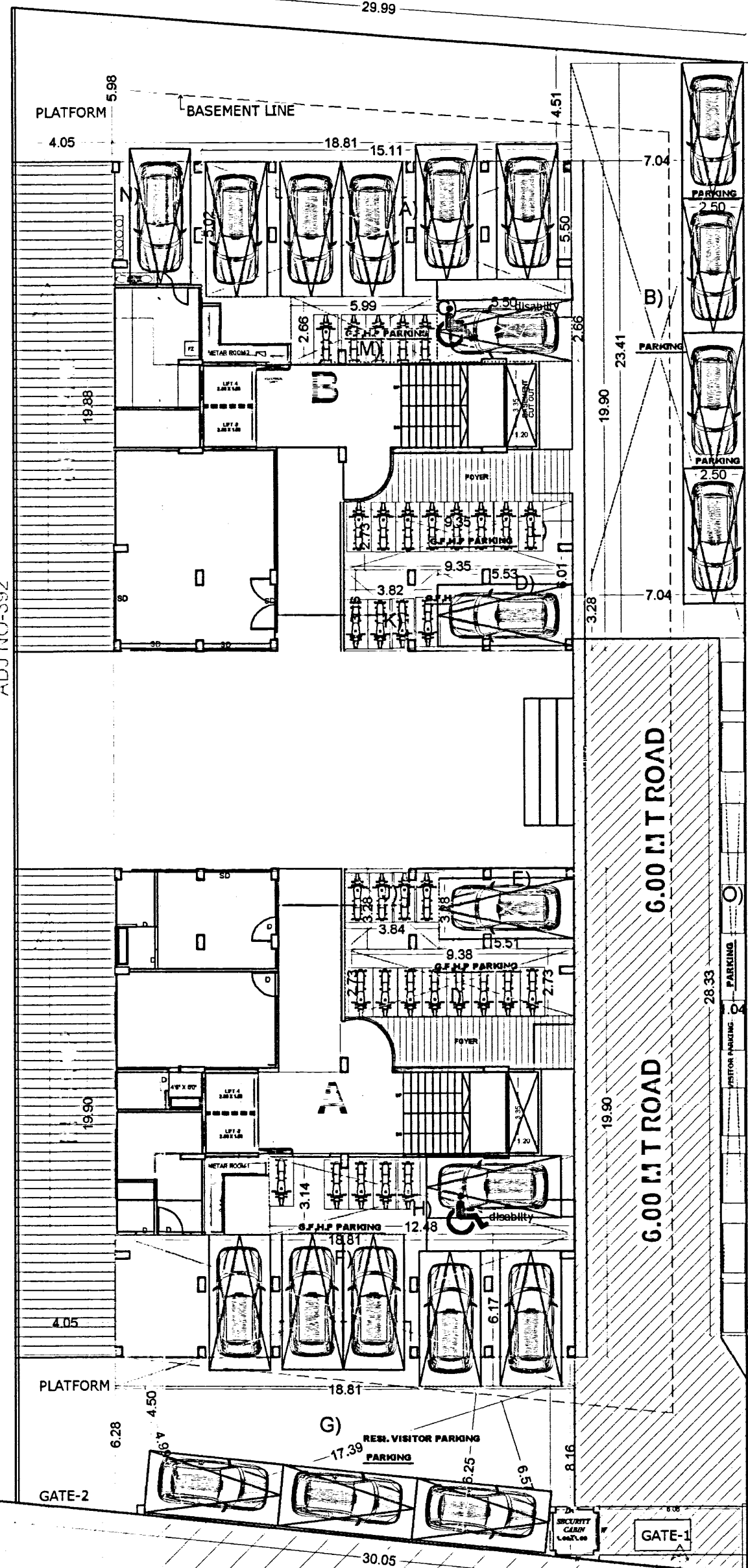
CAR PARKING

REQ 50 % CAR = 824.87 X 50 % = 412.43
PROVIDE

GROUND PARKING(BLOCK-A+B) (A,B,F)
83.10+164.81+116.06=363.97

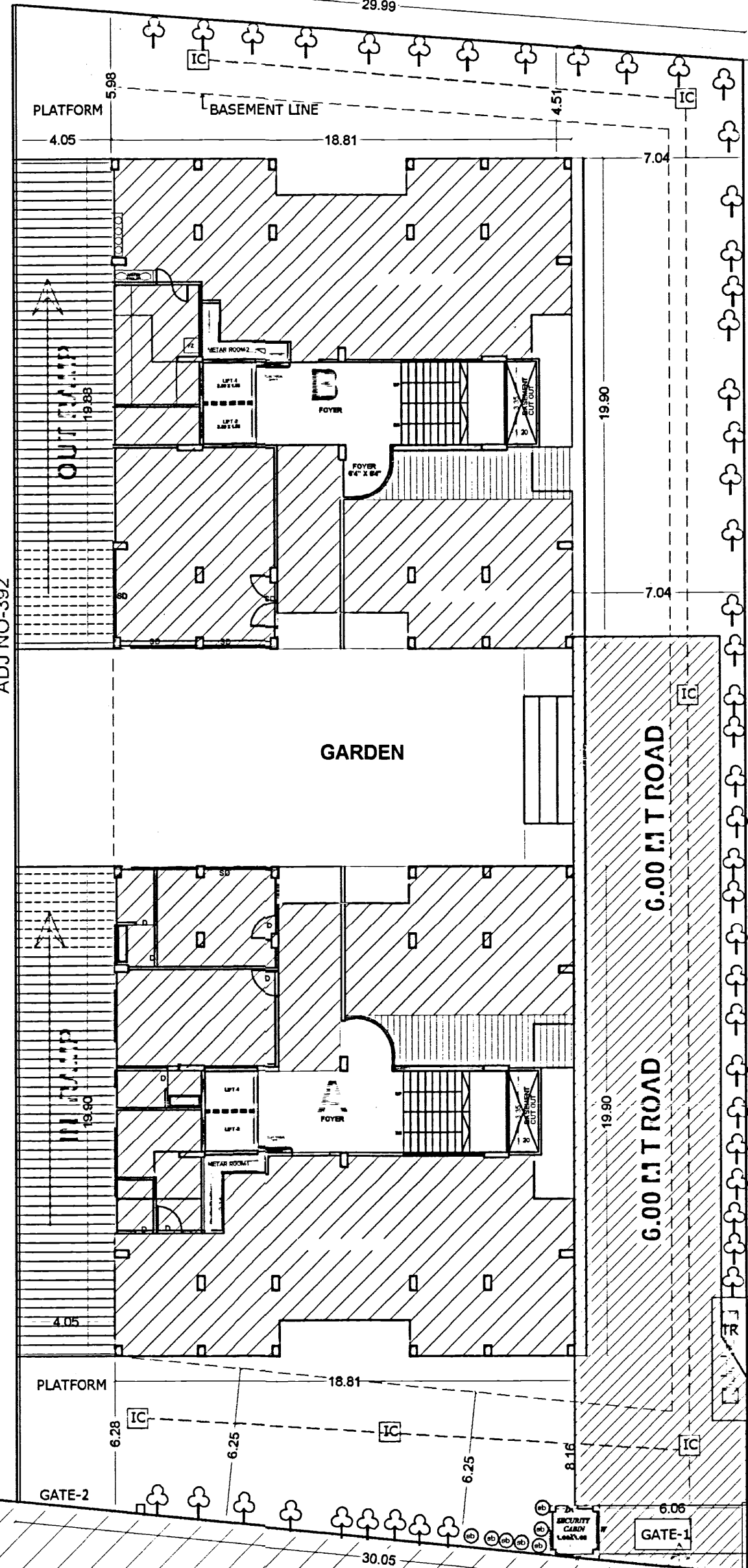
BASEMENT PARKING 4(123.75+5(128.53+6(123.75 = 376.03

PROVIDE CAR PARKING = 740.00



18.00 M.T WIDE ROAD

PARKING LAYOUT PLAN
SCALE : 1.00 CM = 2.00 MT

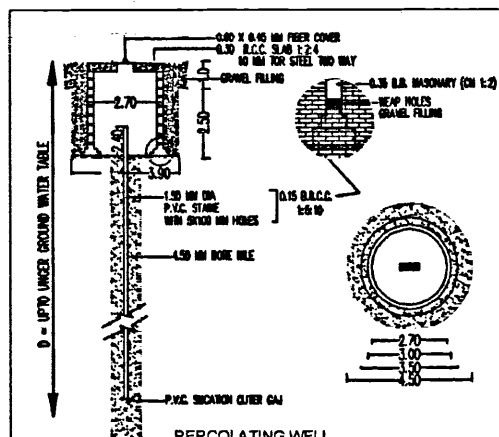


18.00 M.T WIDE ROAD

LAYOUT PLAN
SCALE : 1.00 CM = 2.00 MT

BUILTUP AREA TABLE	BASEMENT	BLOCK-A	BLOCK-B	TOTAL
	SECURITY CABIN			IN SQ MTS
BASEMENT	1181.50			1181.50
GROUND FLOOR		343.54	343.54	687.08
FIRST FLOOR		325.22	325.22	650.44
SECOND FLOOR		325.22	325.22	650.44
THIRD FLOOR		325.22	325.22	650.44
FOURTH FLOOR		325.22	325.22	650.44
FIFTH FLOOR		325.22	325.22	650.44
SIXTH FLOOR		325.22	325.22	650.44
SEVENTH FLOOR		325.22	325.22	650.44
STAIR CABIN/LIFT		49.85	49.85	99.70
MACHINE R/WATER TANK		24.32	24.32	48.64
SECURITY CABIN	4.06	---	---	4.06
TOTAL BUILTUP AREA	1185.56	2694.25	2694.25	6574.06

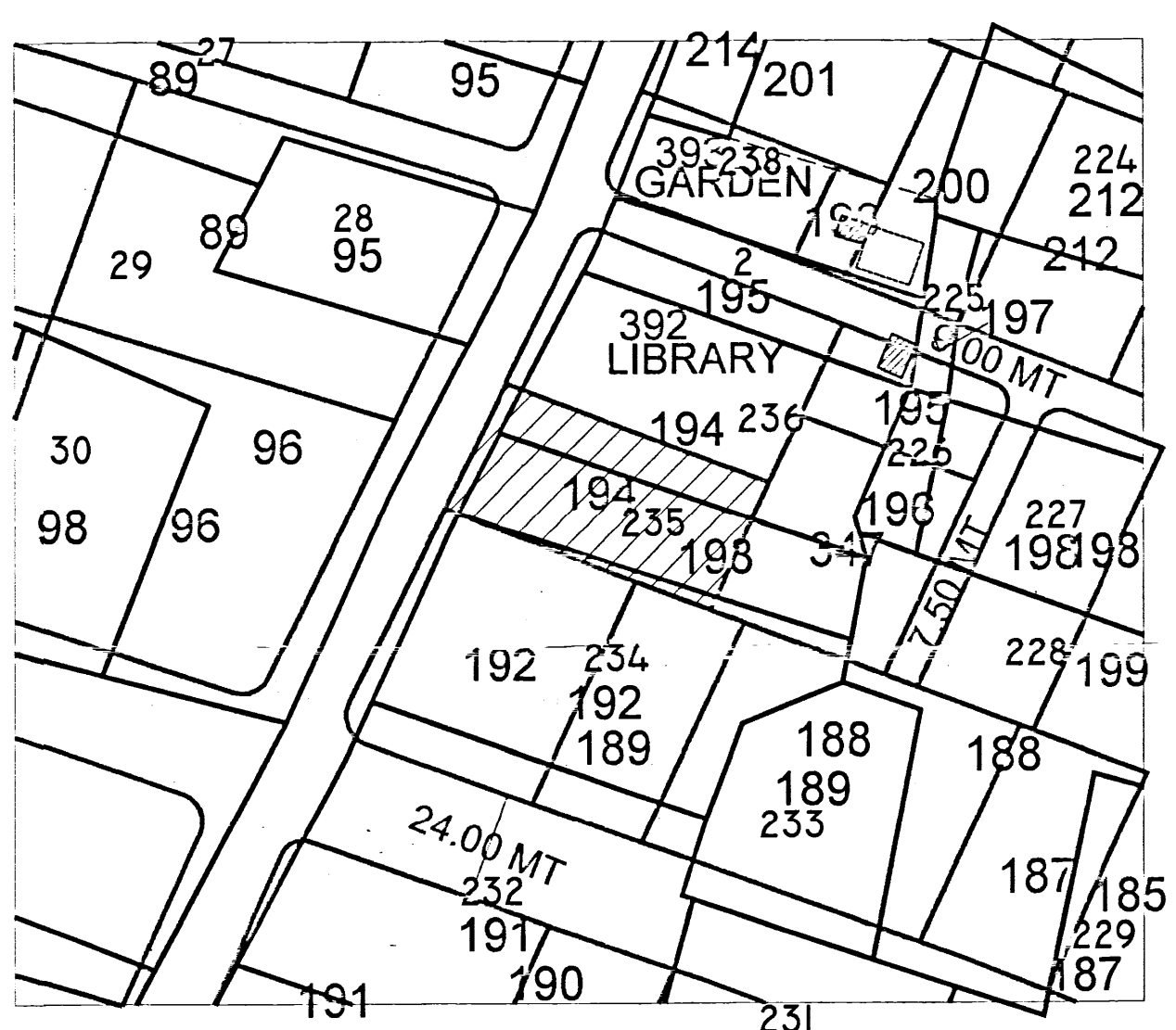
F.S.I. AREA TABLE	BLOCK-A	BLOCK-B	TOTAL
			IN SQ MTS
GROUND FLOOR	80.20	80.20	160.40
FIRST FLOOR	283.14	283.14	566.28
SECOND FLOOR	283.14	283.14	566.28
THIRD FLOOR	283.14	283.14	566.28
FOURTH FLOOR	283.14	283.14	566.28
FIFTH FLOOR	283.14	283.14	566.28
SIXTH FLOOR	283.14	283.14	566.28
SEVENTH FLOOR	283.14	283.14	566.28
TOTAL FSI AREA	2062.18	2062.18	4124.36



PERCOLATING WELL CALC:-
REQ. 1500 TO 4000 SMT= 1 NOS.
1828/ 4000.00 = 0.46 NOS.
SAY REQ. P.WELL = 01 NOS.
PROVIDE PERCOLATING.WELL = 01 NOS.

Solid waste bin for residence
1 unit : 10 liters
56 unit : 560 liters
80 liter/1 dustbin
560/80 = 7 dustbin/80 liter.

TREE PLANTATION CALCULATION
REQ. TREES 200 SQ.MTS. PER 05 NOS.
1828/ 200.00 X 5.00 = 46
PRO. TREES 46 NOS.



ALL DIMENSION IN METER

- NOTES :
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO.21.11 OF CGDCR-2017.
 - DRAINAGE FACILITY SHALL BE PROVIDED AS PER CLAUSE NO. 21.1.10 OF CGDCR-2017.
 - DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER CLAUSE NO. 21.1.2 OF CGDCR-2017.
 - DRAINAGE FACILITY IS PROVIDED AS PER CLAUSE NO. 21.1.10 OF CGDCR-2017.
 - SIGNAGES OF THE PARKING PLASE IS TO BE PROVIDED AS PER THE CLAUSE NO. 21.7 OF THE CGDCR-2017
 - ENTRANCE OF THE BUILDING IS PROVIDED AS PER CLAUSE NO. 21.1.7 OF CGDCR-2017.
 - THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 21.1.4 OF CGDCR-2017.
 - THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS SPECIFIED IN THE INDIAN STANDARD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
 - COMMUNITY BIN PROVIDED AS PER PROVISION OF THE CLAUSE NO.25.3 OF CGDCR-2017.
 - TREE PLANTATION IS PROVIDED AS PER CLAUSE NO.25.5 OF CGDCR-2017.
 - FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER NO. 26 OF CGDCR-2017.
 - FIRE SAFETY PROVISIONS SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND FIRE PREVENTION AND LIFE SAFETY MEASURES ACT - 2013.
 - MAINTANCE AND UPGRADEATION OF BUILDING IS AS PER CHAPTER NO. 27 OF CGDCR-2017.
 - MARGINAL SPACE & CELLAR SLAB SHALL HAVE LOAD BEARING CAPACITY OF 4080 TONNES PER SQUARE METER SHALL BE PROVIDED AS PER CHAPTER NO. 22.3 OF CGDCR-2017.
 - ROOF TOP SOLAR ENERGY INSTALLATION & GENERATION SHALL BE PROVIDED AS PER CLAUSE NO.25.8.1 OF CGDCR-2017.

- NOTES :
- IT IS CERTIFIED THAT PLOT UNDER REFERENCE IS SURVEYED BY ME AND THE DIMENSIONS OF ALL SIDES OF PLOT AND PLOT AREA AS SHOWN IN PLAN AREA MEASURED BY ENGINEER ON RECORD AND IN ACCORDANCE WITH OWNERSHIP/PREVENUE RECORD.
 - ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGAN.
 - THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOLE IS VERIFIED ME ON SITE AND PERMISES CAN GET DRAINAGE CONNECTION.
 - IT IS CERTIFY THAT ACCORDING TO CGDCR-2017 ALL REQUIREMENT OF THE BUILDING ARE CHECKED AND NECESSARY ACTION ARE TAKEN.
 - IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 3.5.3 OF THE CGDCR-2017.
 - THE STRUCTURE OF THE BUILDING IS DESIGN AS PER THE NORMS OF THE INDIAN STANDARDS.
 - DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER PROVISION OF THE CLAUSE NO. 21.1.12 AND 21.1.14 AND 22.8 OF CGDCR-2017.
 - PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.1.15 OF CGDCR-2017.
 - LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.12 AND 22.8 OF CGDCR-2017.
 - WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.6 OF CGDCR-2017.
 - SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
 - WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHAPTER NO. 22.21 OF CGDCR-2017

UNIT TABLE	USE:APARTMENT
FLOOR	A B TOTAL UNIT NOS
FIRST FLOOR	04 04 08
SECOND FLOOR	04 04 08
THIRD FLOOR	04 04 08
FOURTH FLOOR	04 04 08
FIFTH FLOOR	04 04 08
SIXTH FLOOR	04 04 08
SEVENTH FLOOR	04 04 08
TOTAL FSI AREA	28 28 56

RAKESH K. PATEL
CIVIL ENGINEER
GUDA LIC. NO. ENG/210/6/06
609, HOTEL HAVELI BUILDING,
ABOVE RADHE SWEET MART,
SECTOR-11, GANDHINAGAR-382011.
M. : 8140604000
ENGINEER/architect

RAKESH K. PATEL
CIVIL ENGINEER
GUDA LIC. NO. CIV/ISS/151/1/05
609, HOTEL HAVELI BUILDING,
ABOVE RADHE SWEET MART,
SECTOR-11, GANDHINAGAR-382011.
M. : 8140604000
C.O.W

RAJAN H. PATEL
STRUCTURAL DESIGNER
GUDA-SD-I/126/03/2013
B-912, ENPIRE BUSINESS HUB
RR. SHUKAN MALL,
SOLA, AHMEDABAD-380089
Mo b : 9909288947

STR. ENGINEER

LAYOUT PLAN 1/2

LAY-OUT PLAN SHOWING PROPOSED DEVELOPMENT

PERMISSION FOR RESIDENTIAL BUILDINGS ON
F.P.NO:194 , O.P.No.: 194 , B/ SR No.: 236
of T.P.S.NO.: 19 (RAYSAN)
VILLAGE:RAYSAN, TA.& DIST.: GANDHINAGAR

SCALE : 1.00 CM = 2.00 MT ZONE : 14 UNIT : 56

USE: APARTMENT(RESIDENTIAL AFFORDABLE HOUSING)

AREA TABLE	AREA
SR/BLOCK AREA	2813.00
O.P.AREA	2813.00
FINAL PLOT AREA:	1828.00

BUILTUP AREA TABLE	TOTAL
BASEMENT	1181.50
GROUND FLOOR	687.08
FIRST FLOOR	650.44
SECOND FLOOR	650.44
THIRD FLOOR	650.44
FOURTH FLOOR	650.44
FIFTH FLOOR	650.44
SIXTH FLOOR	650.44
SEVENTH FLOOR	650.44
STAIR CABIN	99.70
MACHINE R/WATER TANK	48.64
SECURITY CABIN	4.06
TOTAL PROPOSED BUILTUP AREA	6574.06

PERMISSIBLE F.S.I. AREA @1828X2.70 4935.60
TOTAL PROPOSED F.S.I. AREA 4124.36
TOTAL BALANCE F.S.I. AREA 811.24
PER. BASE F.S.I. AREA 1828 X 1.20 2193.60
CHARGEABLE F.S.I. AREA 4124.36-2193.60 1930.76

COLOUR NOTE

O.P. BOUNDARY	COMMON PLOT
F.P. BOUNDARY	PROP. WORK
EX.ROAD	PROP. DRAINAGE
PROP. ROAD	PERCOLATING WELL
solid waste bin	TRANSFORMER ROOM

OWNER

FOR, RADHE INFRA PARTNER

Note Approved By C.E.A. GUDA
Development Charge Paid

APPROVED
(As amended by..... Colour)
Subject to the conditions as mentioned
in the Office Letter No. PRW.....
Dated.....

RAJAN H. PATEL
STRUCTURAL DESIGNER
GUDA-SD-I/126/03/2013
B-912, ENPIRE BUSINESS HUB
RR. SHUKAN MALL,
SOLA, AHMEDABAD-380089
Mo b : 9909288947

STR. ENGINEER

AUTHORITY

