



LAND AREA FOR PHASE - 1 - 6810.10 SQMT

NOTE: WATER HARVESTING CAN NOT BE PROPOSED AT THIS SITE BECAUSE WATER TABLE IS AT 3.50MTR DEPTH FROM SURFACE.

SINO DESCRIPTION	EQMS LIMITS	PERSONS POPULATION
1. PARK (TOTAL) EQMS	520	2800

COMPUTATION OF NUMBER OF RESIDENTIAL UNITS:
 BLOCK TYPE 1 = 178 UNITS
 BLOCK TYPE 2 = 178 UNITS
TOTAL = 356 UNITS

COMPUTATION OF NUMBER OF CONVENIENT SHOPS (COMMERCIAL UNITS):

BLOCK TYPE 1	6 SHOPS
BLOCK TYPE 2	8 SHOPS
AREA OF CONVENIENT SHOPS 14 X 11.12 SQMT	435.68SQMT
1 X 3 OF CONVENIENT SHOPS	3 SHOPS
TOTAL AREA OF CONVENIENT SHOPS	512.88SQMT
PERCENTAGE OF CONVENIENT SHOPS (COMMERCIAL)	4.56%
TOTAL UNITS =	17 SHOPS

PARKING:

COVERED PARKING DETAIL:	
1 X 3 X 3.12 SQMT	= 373.40SQMT
4 X 3 X 3.12 SQMT	= 373.40SQMT
FOR BLOCK TYPE - 2	
3 X 4 X 3.12 SQMT	= 373.40SQMT
TOTAL COVERED PARKING	= 746.88SQMT
PARKING - 1	= 81.32 SQMT
PARKING - 2	= 30.81 SQMT
PARKING - 3	= 202.96 SQMT
TOTAL PARKING	= 315.09SQMT
TOTAL PARKING	= 1061.975SQMT

PHASE I: 100% SCALE: 1:1000
 1. THIS DRAWING IS A PRELIMINARY DESIGN AND IS SUBJECT TO APPROVAL BY THE LOCAL AUTHORITY.
 2. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITY.
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AREA CALCULATION

TOTAL PLOT AREA	11448.00 SQMT
NET ROAD WIDENING	1234.56 SQMT
NET PLOT AREA	11294.44 SQMT
GROUND COVERED AREA:	
COVERED AREA BLOCK A1	787.80 SQMT
COVERED AREA BLOCK B1	787.80 SQMT
COVERED AREA BLOCK C1	787.80 SQMT
COVERED AREA BLOCK A2	628.00 SQMT
COVERED AREA BLOCK B2	628.00 SQMT
COVERED AREA BLOCK C2	628.00 SQMT
COVERED AREA BLOCK D2	677.72 SQMT
COVERED AREA BLOCK E2	77.22 SQMT
TOTAL COVERED AREA	4950.22 SQMT
AT GROUND FLOOR	
PERCENTAGE OF GROUND COVERAGE:	44.06%
TOTAL OPEN AREA	6284.24 SQMT

AREA UNDER ROADS:

1. 4.50 HT WIDE ROADS:	218.25 SQMT
2. 6.00 HT WIDE ROADS:	250.68 SQMT
3. 7.50 HT WIDE ROADS:	312.72 SQMT
4. 9.00 HT WIDE ROADS:	306.72 SQMT
5. 12.00 HT WIDE ROADS:	180.00 SQMT
6. 15.00 HT WIDE ROADS:	312.24 SQMT
7. 18.00 HT WIDE ROADS:	295.20 SQMT
8. 21.00 HT WIDE ROADS:	120.45 SQMT
9. 24.00 HT WIDE ROADS:	630.72 SQMT
10. 27.00 HT WIDE ROADS:	41.70 SQMT
TOTAL AREA UNDER ROADS:	2695.68 SQMT
PERCENTAGE OF AREA UNDER ROADS:	23.89%

AREA UNDER PARK:

PARK - 1	453.87 SQMT
PARK - 2	75.55 SQMT
PARK - 3	45.36 SQMT
PARK - 4	254.30 SQMT
PARK - 5	415.91 SQMT
TOTAL	1802.84 SQMT
PERCENTAGE OF PARK	16.04 %

AREA UNDER OPEN SPACES:

OPEN AREA - ROAD AREA - PARK AREA:	1586.14 SQMT
PERCENTAGE OF OPEN SPACES:	16.43%
PERCENTAGE OF PARK AND OPEN SPACES:	32.47 %

COVERED AREA ON ALL FLOORS:

COVERED AREA AT GROUND FLOOR	: 4950.22 SQMT
COVERED AREA AT FIRST FLOOR	: 4875.40 SQMT
COVERED AREA AT SECOND FLOOR	: 4875.40 SQMT
COVERED AREA AT THIRD FLOOR	: 732.16 SQMT
MULTI TOTAL	: 20310.98SQMT
F.A.R. 1.80	
COMMERCIAL (CONVENIENT SHOPS)	

CLIENT:
 RAE BAREIL DEVELOPMENT AUTHORITY
 RAE BAREIL
 PRADHAN MANTRI AVAS YOJNA
 (URBAN)

SCALE: 1:2000
 DATE: 02/2018
 SHEET: 01 OF 01

PROJECT TITLE: SITE PLAN
 APPROVAL

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