



CALCULATION FOR SEPTIC TANK

REQUIREMENT CAPACITY OF SEPTIC TANK FOR 20 PERSONS
= 20 PERSON X 0.085 / PERSON / m³ = 1.7 m³
PROPOSED SIZE OF SEPTIC TANK = 3.35 x 1.22 x 1.52 = 6.21 m³

CALCULATION FOR WATER TANK

RESIDENTIAL
ASSUME 5 PERSONS IN EACH TOILET
TOTAL NO. OF FLAT = 4 NO.
TOTAL NO. OF PERSONS = 4 X 5 PERSON = 20 PERSONS
ASSUME 10% EXTRA
TOTAL NO. OF PERSONS = (20 + 2) = 22 NO.
REQUIREMENT OF WATER FOR 22 PERSONS
= 22 PERSON X 135 LTR. / PERSON / 2970 LTR. = 3,000 LTR.

PARKING AREA CALCULATION

RESIDENTIAL
Built up area of 1st & 2nd Floor = 59.45 Sq.Mt. Each
Required No. of Parking = 2 C.U.S
Required Parking Area = 2 X 20 = 40 Sq.Mt.
PROPOSED NO. OF PARKING = 2 C.U.S
PROPOSED PARKING AREA = 39.80 Sq.Mt.

GENERAL SPECIFICATION:-

FOUNDATION	Plain Cement Concrete As Per Design
SUPERSTRUCTURE	R.C.C. Column, Beam, Slab, Staircase, Lintel, etc. As Per Design
FLOOR	1.5% Slope for Floor Drainage
EXTERNAL FINISH	White Washing Over Cement Plaster
SANITARY	Enamel Over Ironware, etc. As Per Design
DOORS & WINDOWS	As Per Design
ROOFING	As Per Design

SCHEDULE OF DOORS & WINDOWS

SL. NO.	NO.	SIZE	DESCRIPTION
01.	D	1.06M X 2.13M	Paneled Single Shutter door.
02.	DI	0.91M X 2.13M	Paneled Single Shutter door.
03.	DI	0.76M X 2.13M	Paneled Single Shutter door.
04.	W	1.52M X 1.22M	Glassed Steel Frame Window 3. Shutter
05.	W	1.22M X 1.22M	Glassed Steel Frame Window 2. Shutter
06.	V	0.61M X 0.61M	Top Hung Steel Ventilator.

PROPOSED BUILDING FOR:

MR. ARNAB KUMAR SARKAR
PLOT NO. - 3262, 3264, 3265, 3266
KHATA NO. - 233 AND 278
THANA NO. - 16411
WARD NO. - 10 (MNA)
MOUZA - MANGO
P.S. - ULIDIH
JAMSHEDPUR,
EAST SINGHBHUM.

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER

DRAWING:
SITE PLAN, FLOOR PLANS, LOCATION PLAN,
ELEVATION (2-No.), SECTION (2-No.),
DRAINAGE PLAN, AREA CALCULATION.

SCALE = 1 : 100 SHEET NO. = 01 OF 01

1. PLOT AREA
G.F. FLOOR AREA = 334.455 SQM
TYPICAL FLOOR AREA = 406.616 SQM

2. TOTAL BUILTUP AREA = 508.27 SQM

3. CALCULATION OF F.A.R.,
F.A.R. = 508.27 / 334.498 = 1.51

Building :A (RESIDENTIAL)

Floor Name	Total Built Up	Deductions (Area in Sq.mt.)	Proposed FAR/Area	Add Area in FAR (Sq.mt.)	Total FAR Area	Tand. (No.)