



CALCULATION FOR SEPTIC TANK

REQUIREMENT CAPACITY OF SEPTIC TANK FOR 20 PERSONS
= 20 PERSON X 0.85 M³/PERSON/ DAY = 17 M³
PROPOSED SIZE OF SEPTIC TANK = 3.55 x 1.23 x 1.51
= 6.41 M³

CALCULATION FOR WATER TANK

RESIDENTIAL:
ASSUMED 5 PERSONS IN EACH TOILET
TOTAL NO. OF FLAT = 2 NO.
TOTAL NO. OF PERSONS = 2 X 5 PERSON = 10 PERSONS
ASSUMING 10% EXTRA
TOTAL NO. OF PERSONS = (10 + 1) = 11 NO. = 20 NO.
REQUIREMENT OF WATER FOR 20 PERSONS
= 20 PERSON X 135 LTR. / PERSON / 2700 LTR. I.e. 5,000 LTR.

PARKING AREA CALCULATION

RESIDENTIAL
Built up area of 1st & 2nd Floor = 50.45 Sq.M. Min.
Required No. of Parking = 3 CLU'S
Required Parking Area = 3 X 20 = 40 Sq.M.
PROPOSED NO. OF PARKING = 2 CLU'S
PROPOSED PARKING AREA = 50.00 Sq.M.

GENERAL SPECIFICATION-

FOUNDATION	1) Plain Concrete Cast-in-Situ 2) RCC Column Footing & Column As Per Structural Design.
ROOF STRUCTURE	1) RCC Slab and Beam As Per Structural Design. 2) 200mm Thick Brick Wall on 100mm Brick on Concrete Slab. 3) 100mm Thick Brick Wall on 100mm Brick on Concrete Slab.
FLOOR	1) 125mm Thick Concrete Slab on 100mm Brick on Concrete Slab.
INTERNAL FINISH	1) White Washing Over Concrete Slab.
SANITARY	1) Vitreous China Sanitary Ware. 2) 100mm Dia Water Supply. 3) 75mm Dia Sewerage.
DOORS & WINDOWS	1) As Per Schedule.
ELECTRICAL	1) As Per Schedule. With P.F.C. Cables.

SCHEDULE OF DOORS & WINDOWS

SL. NO.	MKD.	SIZE	DESCRIPTION
01.	D	1.80M X 2.13M	Panelled Single Shutter door.
02.	D1	0.91M X 2.13M	Panelled Single Shutter door.
03.	D2	0.76M X 2.13M	Panelled Single Shutter door.
04.	W	1.82M X 1.22M	Glassed Steel Frame Window 3. Shutter.
05.	W1	1.22M X 1.22M	Glassed Steel Frame Window 3. Shutter.
06.	W2	0.91M X 1.22M	Glassed Steel Frame Window 2. Shutter.
07.	V	0.61M X 0.61M	Top Hung Steel Ventilator.

PROPOSED BUILDING FOR:
SHAHRUKH KHAN
S/O:- NASIM KHAN
PLOT NO. - 783
KHANA NO. - 997
TEHANA NO. - 1641
WARD NO. - 5 (MUNAC)
MOZA - PARDIHI
P.S. - MANGO
JAMSHEDPUR,
JHARKHAND

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER

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

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