

**SEPTIC TANK CALCULATION**  
 TOTAL NOS. OF FLATS = 3  
 ASSUMING 3 PERSONS PER FLAT (3 X 3) = 9 PERSONS  
 TOTAL NOS. OF PERSONS = 9  
 REQUIREMENT OF SEPTIC TANK FOR 9 PERSONS  
 @ 0.085 CUM. / PERSONS / DAY = 9 X 0.085 = 0.765  
 SIZE OF SEPTIC TANK = L X W X H  
 = 2.50 X 1.20 X 1.80 = 5.40 CUM.

**Design Of Water Tank :-**  
 TOTAL NOS. OF FLATS = 3  
 ONE FLAT HAVE 3 PERSONS  
 HENCE (3 X 3) = 9 PERSONS  
 ONE PERSON REQUIRES 135 LITERS/DAY  
 HENCE (9 X 135) LITERS = 1215 Lt. = 1.215 M<sup>3</sup>  
 PROVIDED = 3.00 X 2.00 X 2.10 = 12.60 M<sup>3</sup>

**RAIN WATER HARVESTING CHAMBER**  
 TOTAL B/U AREA - 158.37 Sqm  
 100 B/U = 6.00 CUM REQ.  
 REQUIRED VOLUME FOR R.W.H CHAMBER  
 (158.37/100.00) X 6 = 9.5022 Req.  
 PROVIDED CHAMBER (5.00m x 4.00m x 3.00m) = 60.00 CUM

**PARKING CALCULATION**  
 TOTAL CAR PARKING AREA REQUIRED = 25% OF THE TOTAL BUILT UP AREA.  
 158.37 X 0.25 = 39.5925 SQMT. REQUIRED  
 HENCE PROVIDED PARKING AREA = 39.99 SQMT.

**SCHEDULE OF DOOR AND WINDOW**

SL. NO	TYPE	WIDTH	HEIGHT	SILL LEVEL	LINTEL LEVEL	DESCRIPTION
01	D	1.05	2.23	0.00	2.13	WOODEN PANNELED DOOR
02	D1	0.90	2.13	0.00	2.13	
03	D2	0.75	2.13	0.00	2.13	
04	W	1.50	1.23	0.90	2.13	GLAZED WINDOW
05	W1	1.20	1.23	0.90	2.13	GLAZED WINDOW
06	W2	0.90	1.23	0.90	2.13	GLAZED WINDOW
06	W3	0.60	0.63	1.50	2.13	GLAZED WINDOW

**SPECIFICATION**

1. Foundation:- R.C.C. Under Reamed Pile Foundation.
2. Flooring :- 25.M.M.Thick Mosaic Flooring over one 110 MM- Dry Rammmed Khoo, over one B.F.S.Over Local Sand Filling .
3. Super. Structure :- First Class Brick Work to be Provided
4. Lintel:- R.C.C Lintel all around over all wall in ratio 1:2:4 & 150MM. thick & 100MM.thick its proper thickness & provided height.
5. Roof:- 110 thick avg. Lime Terracing over R.C.C Roof Slab.
6. Colour:- Two coats of Colour Wash at both side on the wall.
7. Wood Work :- First Class Sal & teak seasoned wood is to be provided.
8. Drainage :- 100 Dia R.W.P Is to be provided and a connection in waste water drain & Sewerage to be Treated in Septic Tank & Fully Disposal should be in Monicipal Drain.

**AREA CALCULATION:-**

TOTAL PLOT AREA	:-	===	155.30 SQ.MT
AREA LEFT IN R/W		===	2.52 "
NET PLOT AREA AFTER R / W :-		===	152.78 "
PARKING AREA :		===	39.99 "
GROUND FLOOR B/U AREA :		===	57.92 "
1ST FLOOR B/U AREA :		===	100.45 "
TOTAL B/U AREA :-		===	158.37 "
F.A.R. :		===	1.019

**PLOT. DETAIL:-**

PROPOSED BUILDING FOR :-  
 SMT. SULTANA PRAVEEN  
 W/O:- MD.SAJID ALAM  
 MAUZA:-ASANABAD.  
 THANA - JHUMRI TELAIYA.  
 THANA NO- 245 ,PLOT NO.- 1273.  
 KHATA NO:- 48 , WARD NO - 06, DIST.- KODERMA,  
 JHARKHAND.

SCALE 1:100

NORTH

Signature of Owner

Signature of Architect

