

REQUIRED PARKING 25% OF TOTAL BLDG AREA IN RESIDENTIAL
 TOTAL B.U. AREA ALL FLOOR - 3268.79 sqm
 NO. REQUIRED CAR PARKING AREA - 822.19 nos

BASEMENT CAR PARKING AREA - 762.09 sqm
 GROUND FLOOR CAR PARKING AREA - 148.09 sqm

TOTAL PROVIDED PARKING AREA - 910.18 nos

FIRE LEGEND:-

- 1 UNDER GROUND WATER STATIC TANK OF 20,000 LITER CAPACITY
 2 HY DRANT PT
 3 HOSE REEL
 4 FIRE EXTIGUISHER
 5 EMERGENCY LITE
 6 SEAMASE CONNECTION
 7. PHOTOLUM SIGN
 8. FIRE RESISTANT CHEK DOOR--

SEPTIC TANK CALCULATION:-

TOTAL NO. OF FLAT - 40 NOS
 EACH FLAT HAVING 5 PERSON
 TOTAL NO. OF PERSON - 40 X 5 = 200 PERSON
 PER PERSON REQD VOLUME = 0.085 qb.m./day
 REQD VOLUME OF SEPTIC TANK = 200 X 0.085 = 17 qb.m.
 SEPTIC TANK SIZE = 5.00 X 2.5 X 1.80 = 22.50 qb.m.
 TOTAL PROVIDED VOLUME OF SEPTIC TANK = 22.50 qb.m.

S NO	TYPE	WIDTH	COLL	HEIGHT	DESCRIPTION
01	C	1.00	0.7	2.80	SINGLE LEAF DOOR
02	DO	0.90	0.7	2.70	SINGLE LEAF DOOR
03	DO	0.90	0.7	2.70	SINGLE LEAF DOOR
04	DO	0.90	0.7	2.70	SINGLE LEAF DOOR
05	W	1.20	0.9	2.10	SINGLE LEAF DOOR
06	W	1.20	0.9	2.10	POLY GLAZED WIN
07	W	0.90	0.70	1.80	POLY GLAZED WIN
08	W	0.90	0.70	1.80	POLY GLAZED WIN
09	W	0.75	0.75	1.80	POLY GLAZED WIN
10	W	0.75	0.75	1.80	POLY GLAZED WIN
11	DO	0.75	0.75	2.55	SINGLE LEAF DOOR
12	DO	0.75	0.75	2.55	POLY GLAZED WIN
13	DO	0.75	0.75	2.55	SINGLE LEAF DOOR
14	DO	0.75	0.75	2.55	POLY GLAZED WIN
15	DO	0.75	0.75	2.55	SINGLE LEAF DOOR
16	DO	0.75	0.75	2.55	POLY GLAZED WIN

SPECIFICATION:-

- FOUNDATION - R.C.C UNDER REAMED PILE FOUNDATION 6.0 M DEEP WITH R.C.C ADV STRUCTURAL ENGINEER
- SUPER STRUCTURE - 1st CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTER 1:6
- PLINTH - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION
- FLOORING - 0.025M TH. P.S. FLOORING OVER 0.125M TH. DRY RAMMED KHOA OVER 0.075 M TH. BRICK FLAT SOLING OVER SAND FILLING
- ROOF - 0.10M TH. AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB
- DOORS - CHOYKIHATS OF DOORS TO BE SAL WOOD.
- WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL
- PLASTER - 0.12M TH. CEMENT PLASTER ON BOTH SIDE OF BRICK WORK
- COLOURING - COLOUR OR WHITE WASH AS CHOICE

AREA CALCULATION :-

TOTAL PLOT AREA (as per deed) = 1275.22 sq m
 TOTAL PLOT AREA (as per SITE) = 1240.62 sq m
 AREA LEFT FOR ROAD WIDENING = 32.35 sq m
 NET PLOT AREA = 1208.27 sq m
 BASEMENT FLOOR AREA = parking area 643.24 sq.m.
 GROUND FLOOR B/U AREA = 375.02 sqm
 1ST FLOOR B/U AREA = 659.56 sqm
 2nd FLOOR B/U AREA = 659.56 sqm
 3rd FLOOR B/U AREA = 659.56 sqm
 4th FLOOR B/U AREA = 659.56 sqm
 TOTAL FLOOR B/U AREA = 3013.26 sqm
 F.A.R. = $\frac{\text{Total built up area}}{\text{Plot area}} = \frac{3013.26}{1208.27} = 2.49$

WATER TANK CALCULATION:-

TOTAL NO. OF FLAT - 40 NOS.
 EACH FLAT HAVING 5 PERSON
 TOTAL NO. OF PERSON - 40 X 5 = 200 PERSON
 PER PERSON REQD AREA = 135 ltrs/day
 TOTAL REQD. AREA OF WATER TANK = 200 X 135 = 27000 ltrs
 FIRE WATER TANK = 20000.0 ltrs.
 TOTAL REQD. AREA OF WATER TANK = (R+F) = (27000+20000) = 47000 ltrs.
 PROVIDED AREA OF WATER TANK SIZE
 (1) 5.84 X 2.44 X 2.00 + 0.15 = 28.49 cum.
 (2) 5.54 X 1.83 X 2.00 + 0.15 = 20.27 cum.
 TOTAL PROVIDE WATER TANK CAP CITY = 48760 LTRS.

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING FOR
 LAND OWNERS :
 SRI RAM BAHADUR SINGH S/O LATE BULAK SINGH
 PLOT DETAILS :
 SURVEY PLOT NO - 866 (P), THANA NO. - 36.
 MAUZA - MUSTAFAPUR, PS - DANAPUR
 DIST - PATNA, BIHAR

SHEET NO	SCALE	NORTH
PNC-01/02	1 : 100 1 : 200	

AMIT KUMAR
 ARCHITECT
 EMPL. NO - 83/MARCH 2018/MPON
 SIGNAR PARIKSH. DRAUGUR NIZAMAT
 REGISTERED ARCHITECT/ENGINEER



