TERRACE FLOOR PLAN

1ST, 2ND & 3RD FLOOR PLAN

LOCATION PLAN

SITE PLAN

6.10 M WIDE ROAD

AJIT SINGH
ARCHITECT

01. HYDRANT OUT LET VALVE WET —————————— —Ⓦ
02. HOSE REEL ———————————— —I
03. SEMAC CONNECTED FOR FIRE
     BRIGADE CONNECTED TO WET RISER———— —I
04. ELECTRICALLY INSULATED METAL STRIP —
05. UNDER GROUND TANK OF 50,000 LTRS——— 50,000 LTRS
06. O.H.W. TANK FOR FIRE FIGHTING ————— 10,000 LTRS
07. INDICATOR PANEL ————————— [A A]
08. FIRE ALARM CALL POINT ——————— Ⓞ
09. AUDIBLE ALARM CALL POINT ————— Ⓐ
10. LOUDSPEAKER OUTLET ——————— ▯=
11. CO2 FIRE EXTINGUISHER ————— —Φ CO2/DCP
12. FIRE RESISTANT DOOR —————— ▭ F D ▭
13. AUTOMATIC SMOKE DETECTOR ———— [A A]
14. AUTOMATIC SPRINKLER INSTALATION——— Ⓢ

PLOT AREA AS PER DEED = 2024.16 SQ.M.
PLOT AREA AS PER SITE = 1741.90 SQ.M.
AREA LEFT FOR ROAD WIDENING = 93.87 SQ.M.
NET PLOT AREA = 1651.11 SQ.M.
I    *DEED AREA TAKEN FOR FAR CALCULATION*
*AS EXPLAINED IN BIHAR BUILDING BYE LAW 2014.*
*Clause no - 12(5).* I

$F.A.R = \dfrac{Total\ B/U\ AREA}{Plot\ area}$ = 3487.78/ 1741.90= 1.998

BASEMENT. FLOOR B/U AREA = 10.90 sq.m.
GROUND. FLOOR B/U AREA   = 820.26 sq.m.
1ST. FLOOR B/U AREA      = 885.52 sq.m.
2ND. FLOOR B/U AREA      = 885.54 sq.m.
3RD. FLOOR B/U AREA      = 885.54 sq.m.

*TOTAL B/U AREA ALL FLOOR = 3487.78 sq.m.*

WATER TANK CALCULATION :-

PROPOSED RESIDENTIAL WATER TANK
TOTAL NO. OF FLAT  = 39 NOS.
EACH FLAT HAVING 6 PERSON
TOTAL NO. OF PERSON  = 39 X 6 = 234 PERSON
PER PERSON REQD. AREA = 135 ltrs/day
TOTAL REQD AREA OF WATER TANK =
                    234 X 135 = 31590.00 ltrs
FIRE WATER TANK = 10000.0 ltrs
TOTAL REQD AREA OF WATER TANK
= (R+F) = (31590+10000) = 41590  ltrs
PROVIDED AREA OF WATER TANK SIZE  =
1). 3.20x4.09x1.83+0.15x1000 = 23950  LTRS
2). 1.83x6.0x1.83+0.15x1000 = 20093 LTRS
TOTAL PROVIDED WATER TANK CAPACITY = 44044 LTRS

PLOT  DETAILS :-

PROPOSED B+G+3 RESIDENTIAL BUILDING FOR
PLOT OWNER :   SMT. NIRMALA DEVI, W/O
SRI SUDHIR KUMAR SINGH, R/O Near Gitanjali
Path Lab, Vivekanand Path, North S.K. Puri, PO+PS -
S.K.Puri, DIST - PATNA.

MAUZA- HARDASPUR, PS- DANAPUR,
THANA NO - 38, TAUZI NO- 5252, KHATA NO -41,
PLOT NO - 672, & 673 . DIST - PATNA.

| SHEET NO - 01 | SCALE | NORTH |
|---|---|---|
| NPON/01-02 | I   100<br>I   200 | ✦ |