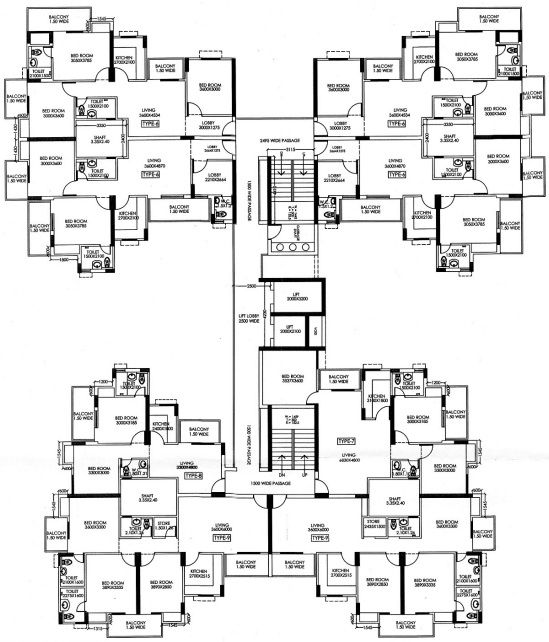
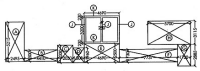


TYPICAL FLOOR PLAN (BLOCK-D)



CIRCULATION AREA AT ONE FLOOR (SCALE:- 1:100)

COVERED AREA OF CIRCULATION AT ONE FLOOR:-

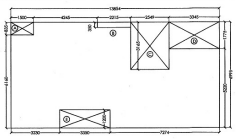
=[A1+(B1+(C1+(D1+(E1+(F1+(G1+(H1+(KX2nos.)+(JX3nos.)]-

=A[2.495X5.215]+B[4.41X1.50]+C[2.03X2.33]+D[1.508X1.96]+E[4.96X2.50]

+F[7.737X1.73]+G[1.73X2.885]+H[5.70X3.115]+K[4.69X0.23X2]+J[0.23X3.0X3]-

=A[13.011]+B[6.615]+C[4.729]+D[2.955]+E[12.40]+F[13.385]+G[4.991]

+H[17.755+K[2.157]+J[2.07] = **80.068 SQ.M.**



UNIT PLAN TYPE-6 (SCALE:- 1:100)

COVERED AREA DETAIL OF ONE UNIT **TYPE-6**

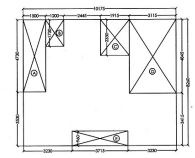
=[13.8544X6.995]-[(A]+[B]+[C]+[D]+[E]]

=[96.908] - A[1.50X0.835]+B[2.215X0.35]+C[2.549X3.165]

D[3.345X1.775]+E[3.35X1.20]:-

=[96.908] - A[1.252]+B[0.775]+C[8.047]+D[5.937]+E[4.02]:-

=[96.908] - [20.051] = **76.857 SQ.M.**



UNIT PLAN TYPE-8 (SCALE:- 1:100)

COVERED AREA DETAIL OF ONE UNIT **TYPE-8**

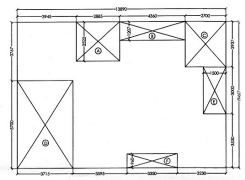
=[10.175X8.26]-[(A]+[B]+[C]+[D]+[E]]

=[84.045] - A[1.50X4.73]+B[1.20X1.73]+C[1.91SX2.33]

D[3.115X4.845]+E[3.715X0.96]:-

=[84.045] - A[7.095]+B[2.076]+C[4.461]+D[15.092]+E[3.566]:-

=[84.045] - [32.29] = **51.755 SQ.M.**



UNIT PLAN TYPE-7 (SCALE:- 1:100)

COVERED AREA DETAIL OF ONE UNIT **TYPE-7**

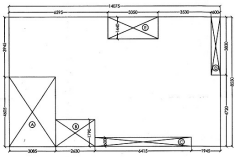
=[13.89X9.467]-[(A]+[B]+[C]+[D]+[E]+[F]]

=[131.496] - A[2.885X2.522]+B[4.36X1.207]+C[2.70X2.937]

D[3.715X3.70]+E[1.50X3.0]+F[3.35X0.96]:-

=[131.496] - A[7.275]+B[5.262]+C[7.929]+D[21.175]+E[4.50]+F[3.216]:-

=[131.496] - [49.357] = **82.139 SQ.M.**



UNIT PLAN TYPE-9 (SCALE:- 1:100)

COVERED AREA DETAIL OF ONE UNIT **TYPE-9**

=[14.075X8.55]-[(A]+[B]+[C]+[D]+[E]]

=[120.341] - A[3.085X4.605]+B[2.63X1.79]+C[6.41SX0.60]

D[0.60X3.83]+E[3.35X1.44]:-

=[120.341] - A[14.206]+B[4.707]+C[3.849]+D[2.298]+E[4.824]:-

=[120.341] - [29.884] = **90.457 SQ.M.**

F.A.R. AREA:-

COVERED AREA DETAIL ON GROUND FLOOR :-

=(CIRCULATION AREA AT ONE FLOOR)-(LIFT LOBBY):-

=(80.068)-(10.575) = **69.493 SQ.M.**

COVERED AREA DETAIL AT ONE FLOOR (1st TO 13th FLOOR) :-

=(TYPE-6X4)+(TYPE-7X1)+(TYPE-8X1)+(TYPE-9X2)+(CIRCULATION AREA AT ONE FLOOR)-(LIFT LOBBY):-

=[76.857X4]+[51.755X1]+[82.139X1]-[90.457X2]+[80.068]-[10.575] = **691.729 SQ.M.**

GROUND COVERAGE FOR ONE BLOCK D :-

==(TYPE-6X4)+(TYPE-7X1)+(TYPE-8X1)+(TYPE-9X2)+(CIRCULATION AREA AT ONE FLOOR)

+[LIFT WELL AREA)+FIRE STAIRCASE + CUPBOARD(6X4)+(7X1)+(8X1)+(9X2):-

=[76.857X4]+[51.755X1]+[82.139X1]-[90.457X2]+[80.068]+12.80+13.737+7.14+1.647+1.647+5.286

= **744.561 SQ.M.**

10% EXTRA F.A.R AREA CALCULATION FOR BLOCK D :-

DETAIL OF LIFT WELL AREA:-

(2.0 X 3.20)+[2.0X3.20] = **12.80 SQ.M.**

DETAIL OF LIFT LOBBY AREA:-

2.50 X 4.23 = **10.575 SQ.M.**

AREA DETAIL OF FIRESCAPE STAIRCASE:-

= 3.115 X 4.41 = **13.737 SQ.M.**

AREA DETAIL OF MUMTY:-

= 3.345 X 5.64 X 2 = **37.731 SQ.M.**

AREA DETAIL OF MACHINE ROOM:-

= 6.16 X 4.69 = **28.89 SQ.M.**

AREA DETAIL OF WATER TANK:-

= 6.79 X 3.58 X 2 = **48.616 SQ.M.**

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-6

(1.545X0.60) + (0.60X1.43) = **1.785 SQ.M.**

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-7

(1.20X0.60) + (0.60X1.545) = **1.647 SQ.M.**

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-8

(1.545X0.60) + (1.20X0.60) = **1.647 SQ.M.**

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-9

(0.60X1.545) + (1.31.5X0.60) + (1.545X0.60) = **2.643 SQ.M.**

10% EXTRA FAR AREA DETAIL ON GROUND FLOOR :-

= FIRESCAPE STAIR + LIFT WELL :-

= 12.80 + 13.737 = **26.537 SQ.M.**

10% EXTRA FAR AREA DETAIL AT ONE FLOOR (1st TO 13th) :-

= FIRESCAPE STAIR +LIFT LOBBY+CUP BOARD [6X4]+[7X1]+[8X1]+[9X2]:-

= 13.737+10.575+7.14+1.647+1.647+5.286 = **40.032 SQ.M.**

Max fire resistant Building is as per fire Log

Architect

SIGNING AUTHORITY

ARCHITECT'S SIGN

M. N. ANDLEY
B.ARCH.,F.I.I.A., F.I.V.
ARCHITECT-17-1843

REVISED SUBMISSION DRAWING

PROJECT:-

GROUP HOUSING FOR
PERFECT PROPBUILD (P) LTD
PLOT NO.-003B,SECTOR-77
AT NOIDA. (U.P.)

DRG. TITLE:-
FLOOR PLAN (BLOCK-D)

SCALE-1:100	DRG. NO.-11
D.T.BY.-Mukesh	DATE:-16/08/2012

ARCHITECTS:-
M. N. ANDLEY B.ARCH. F.I.I.A. F.I.V.

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