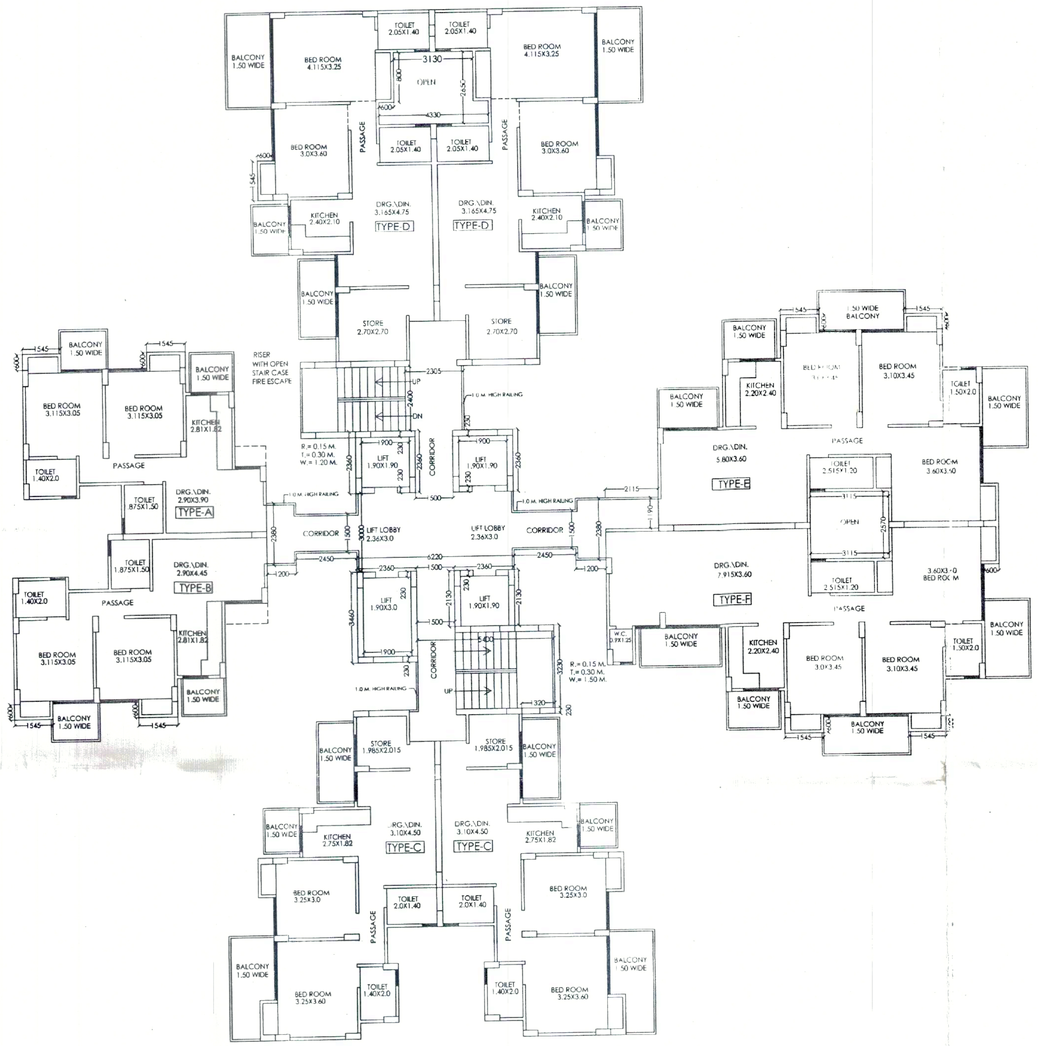


F.A.R. AREA:-

COVERED AREA DETAIL ON GROUND FLOOR :-

(CIRCULATION AREA AT ONE FLOOR):-

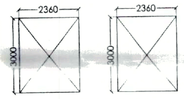
= **57.891 SQ.M.**

COVERED AREA DETAIL AT ONE FLOOR:-

=(TYPE-A)+(TYPE-B)+(TYPE-CX2)+(TYPE-DX2)+(TYPE-E)
+(TYPE-F)+(CIRCULATION AREA AT ONE FLOOR):-
=(48.152)+(49.555)+(61.306X2)+(71.566X2)+(77.906)
+(87.549)+(57.891)
=(48.152)+(49.555)+(122.612)+(143.132)+(77.906)
+(87.549)+(57.891)
= **586.797 SQ.M.**

GROUND COVERAGE FOR ONE BLOCK :-

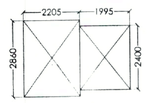
=(TYPE-A)+(TYPE-B)+(TYPE-CX2)+(TYPE-DX2)+(TYPE-E)
+(TYPE-F)+(CIRCULATION AREA AT ONE FLOOR)
+(LIFTWELL AREA)+(LIFT LOBBY)+FIRESCAPE STAIR
+CUP BOARD [(A)+(B)+(CX2)+(DX2)+(E)+(F)]:-
=(48.152)+(49.555)+(61.306X2)+(71.566X2)+(77.906)
+(87.549)+(57.891)+(16.53)+(14.16)+(11.094)+[(1.854)
+(1.854)+(1.854X2)+(2.007X2)+(2.781)+(2.781)]:-
=(48.152)+(49.555)+(122.612)+(143.132)+(77.906)
+(87.549)+(57.891)+(16.53)+(14.16)+(11.094)+ (16.992)
= **645.573 SQ.M.**



LIFT WELL (SCALE:- 1:100)

DETAIL OF LIFT WELL:-

= (2.36 X 3.0)+(2.36X3.0) = **14.16 SQ.M.**



FIRE STAIRCASE (SCALE:- 1:100)

AREA DETAIL OF FIRESCAPE STAIRCASE:-

= (2.205 X2.86)+(1.995X2.40) = **11.094 SQ.M.**

15% EXTRA F.A.R AREA CALCULATION FOR BLOCK B:-

AREA DETAIL OF FIRESCAPE STAIRCASE:-

= (2.205 X2.86)+(1.995X2.40) = **11.094 SQ.M.**

AREA DETAIL OF MUMTY :-

= (3.46 X 5.40) + (6.505 X 2.86) = **37.288 SQ.M.**

AREA DETAIL OF MACHINE ROOM:-

= (6.22 X 7.72)+(2.36X1.10) = **50.614 SQ.M.**

AREA DETAIL OF WATER TANK:-

= (6.03 X 3.945) = **23.788 SQ.M.**

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-A

(1.545X0.6X2) = 1.854 SQ.M

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-B

(1.545X0.6X2) = 1.854 SQ.M.

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-C

(1.545X0.6X2) = 1.854 SQ.M.

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-D

(1.545X0.60)+(1.80X0.60) = 2.007 SQ.M.

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-E

(0.60X1.545X3) = 2.781 SQ.M.

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-F

(0.60X1.545X3) = 2.781 SQ.M.

DETAIL OF LIFT WELL AREA:-

(1.90 X 1.90X3) + (1.90X3.0) = **16.53 SQ.M.**

DETAIL OF LIFT LOBBY AREA:-

= (2.36 X 3.0)+(2.36X3.0) = **14.16 SQ.M.**

15% EXTRA FAR AREA DETAIL ON GROUND FLOOR :-

= FIRESCAPE STAIR + LIFT WELL + LIFT LOBBY:-

=11.094+16.53 +14.16 = **41.784 SQ.M.**

15% EXTRA FAR AREA DETAIL ON ONE FLOOR (1ST TO 14TH) :-

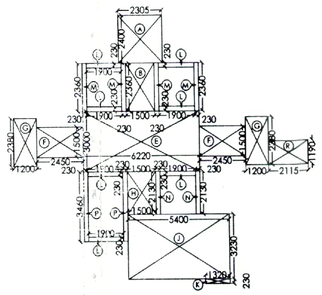
= FIRESCAPE STAIR + CUP BOARD[(A)+(B)+(CX2)+(DX2)+(E)
+(F)]+LIFT LOBBY:-
=11.094+16.992 +14.16
= **42.246 SQ.M.**

15% EXTRA FAR AREA DETAIL ON ALL FLOOR OF BLOCK-B :

= GROUND FLOOR + 1ST FLOOR TO 14TH FLOOR + MUMTY
+MACHINE ROOM + WATER TANK
= 41.784+(42.246X14)+37.288+50.614+23.788
= **744.918 SQ.M.**

SCHEDULE OF DOOR & WINDOWS

S.NO.	TYPE	SIZE	CILL. LVL.	LTL. LVL.
1	D	0.100 X 2.10	-	2.10 M.
2	D-1	0.90 X 2.10	-	2.10
3	DW-1	1.680 X 2.50	-	2.50 ,,
4	DW-2	1.250 X 2.50	-	2.50 ,,
5	W	0.90 X 1.450	1.050	2.50 ,,
6	W-1	0.45 X 1.450	1.050	2.50



CIRCULATION AREA AT ONE FLOOR (SCALE:- 1:150)

COVERED AREA OF CIRCULATION AT ONE FLOOR:-

=(A)+(B)+(E)+(FX2)+(GX2)+(H)+(J)+(K)+(LX7)+(MX4)
+(NX2)+(PX2)+(R)-(LIFT LOBBY):-
=A(2.305X2.40)+B(1.50X2.36)+E(6.22X3.0)+F(2.45X1.50X2)
+G(1.20X2.38X2)+H(1.50X2.13)+J(5.40X3.23)
+K(1.32X0.23)+L(1.90X0.23X7)+M(0.23X2.36X4)
+N(0.23X2.13X2)+P(0.23X3.46X2)+R(2.115X1.19)-(14.16):-
=A(5.532)+B(3.54)+E(18.66)
+F(7.35)+G(5.712) +H(3.195)+J(17.442)+K(0.303)+L(3.059)
+M(2.171)+N(1.979)+P(1.592)+R(2.516) - (14.16):-
= 72.051 - 14.16 = **57.891 SQ.M.**

SIGNING AUTHORITY

ARCHITECT'S SIGN

M. N. ANDLEY
B.ARCH. F.I.I.A. F.I.V.
ARCHITECT CA/ 75/1841

SUBMISSION DRAWING

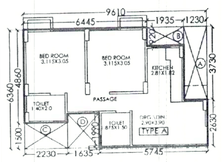
PROJECT:-
GROUP HOUSING FOR
M\S **ANTRIKSH ENGINEERS PVT. LTD**
PLOT NO.GH-15A,SECTOR-1
AT GREATER NOIDA. (U.P.)

DRG. TITLE:-
TYPICAL FLOOR PLAN (BLOCK-B)

SCALE:-1:100	DRG. NO.:06
DLT.BY.:-	DATE:-27/05/2011

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

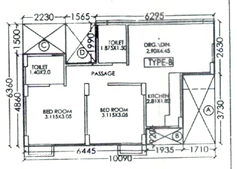
ANDLEYS ASSOCIATES PVT. LTD
ARCHITECTS ENGINEERS PLANNERS
39 HOUSING SOCIETY N.D.S.E.-I NEW DELHI - 110049



UNIT PLAN TYPE-A (SCALE:- 1:150)

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

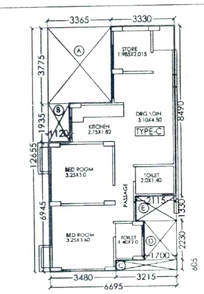
=(9.61X6.36)-[(A)+(B)+(C)+(D)]
=(61.119) - A(1.23X3.73)+B(1.935X0.92)
+C(2.23X1.5)+D(1.635X1.99)
=(61.119) - A(4.588)+B(1.78)
+C(3.345)+D(3.254)
=(61.119) - (12.967) = **48.152 SQ.M.**



UNIT PLAN TYPE-B (SCALE:- 1:150)

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

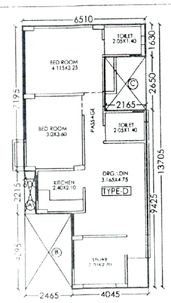
=(10.09X6.36)-[(A)+(B)+(C)+(D)]
=(64.172) - A(1.71X3.73)+B(1.935X0.92)
+C(2.23X1.5)+D(1.565X1.99)
=(64.172) - A(6.378)+B(1.78)
+C(3.345)+D(3.114)
=(64.172) - (14.617) = **49.555 SQ.M.**



UNIT PLAN TYPE-C (SCALE:- 1:150)

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

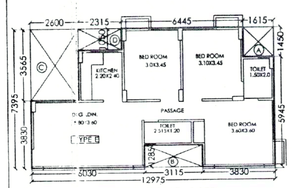
=(12.655X6.695)-[(A)+(B)+(C)+(D)+(E)]
=(84.725) - A(3.775X3.365)+B(1.935X1.12)+C(0.605X3.215)
+D(2.23X1.7)+E(1.33X2.115)
=(84.725) - A(12.703)+B(2.167)+C(1.945)+D(3.791)+E(2.813)
=(84.725) - (23.419) = **61.306 SQ.M.**



UNIT PLAN TYPE-D (SCALE:- 1:150)

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

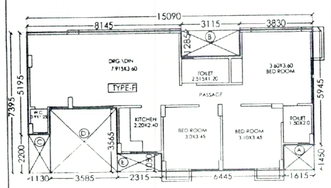
=(13.705X6.51)-[(A)+(B)+(C)]
=(89.219) - A(2.215X0.6)+B(4.295X2.465)+C(2.65X2.165)
=(89.219) A(1.329)+B(10.587)+C(5.737)
=(89.219) (17.653) = **71.566 SQ.M.**



UNIT PLAN TYPE-E (SCALE:- 1:150)

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

=(12.975X7.395)-[(A)+(B)+(C)+(D)]
=(95.95) - A 1.615X1.45)+B(3.115X1.285)+C(2.60X3.565)
+D(2.315X1.05)
=(95.95) - A 2.342)+B(4.003)+C(9.269)+D(2.43)
=(95.95) - (18.044) = **77.906 SQ.M.**



UNIT PLAN TYPE-F (SCALE:- 1:150)

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

=(15.09X7.395)-[(A)+(B)+(C)+(D)+(E)]
=(111.59) - A(1.615X1.45)+B(3.115X1.285)+C(1.13X2.2)
+D(3.585X3.565)+E(2.315X1.05)
=(111.59) - A(2.342)+B(4.003)+C(2.486)+D(12.78)+E(2.43)
=(111.59) (24.041) = **87.549 SQ.M.**