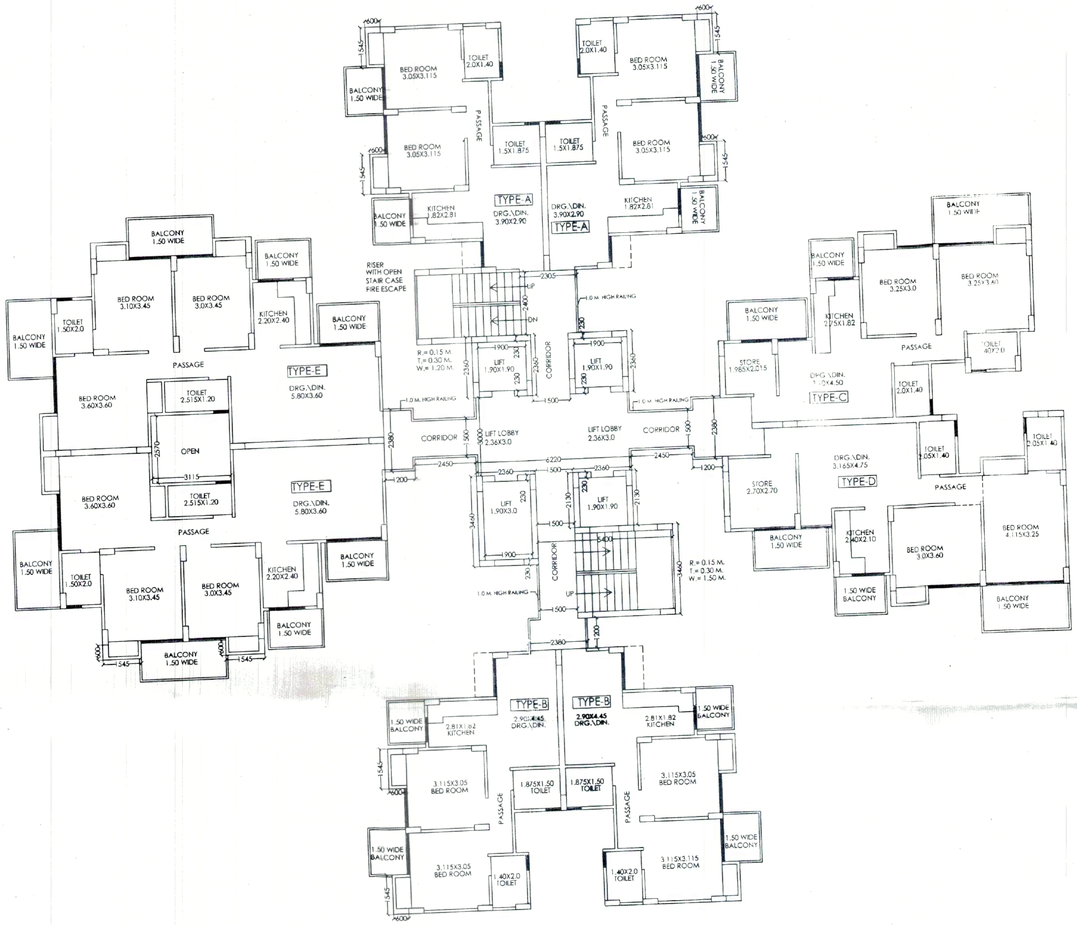


F.A.R. AREA:-

COVERED AREA DETAIL ON GROUND FLOOR :-

(CIRCULATION AREA AT ONE FLOOR):-

= **57.928 SQ.M.**

COVERED AREA DETAIL AT ONE FLOOR:-

=(TYPE-AX2)+(TYPE-BX2)+(TYPE-C)+(TYPE-D)

+(TYPE-EX2)+(CIRCULATION AREA AT ONE FLOOR):-

=(48.152X2)+(49.555X2)+(61.306)+(71.566)

+(77.906X2)+(57.928)

=(96.304)+(99.11)+(61.306)+(71.566)

+(155.812)+(57.928)

= **542.026 SQ.M.**

GROUND COVERAGE FOR ONE BLOCK :-

=(TYPE-AX2)+(TYPE-BX2)+(TYPE-C)+(TYPE-D)

+(TYPE-EX2)+(CIRCULATION AREA AT ONE FLOOR)

+(LIFTWELL AREA)+(LIFT LOBBY)+FIRESCAPE STAIR

+CUP BOARD [(AX2)+(BX2)+(C)+(D)+(EX2)]:-

=(48.152X2)+(49.555X2)+(61.306)+(71.566)

+(77.906X2)+(57.928)+(16.53)+(14.16)+(11.094)

+ [(1.854X2)+(1.854X2)+(1.854)+(2.007)+(2.781X2)]:-

=(96.304)+(99.11)+(61.306)+(71.566)+(155.812)

+(57.928) +(16.53)+(14.16)+(11.094)+ (16.839)

= **600.649 SQ.M.**

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

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.

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 +CUPBOARD [(AX2)+(BX2)+(C)

+(D)+(EX2)]+LIFT LOBBY:-

=11.094+16.839 +14.16

= **42.093 SQ.M.**

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

= GROUND FLOOR +1ST FLOOR TO 14TH FLOOR + MUMTY

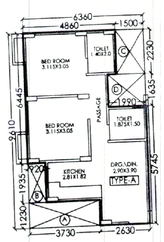
+MACHINE ROOM + WATER TANK

= 41.784+(42.093X14)+37.288+50.614+23.788

= **742.776 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 "



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

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

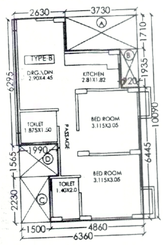
=(9.61X6.36)-[(A)+(B)+(C)+(D)]

=(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**

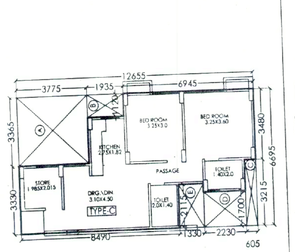
=(10.09X6.36)-[(A)+(B)+(C)+(D)]

=(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**

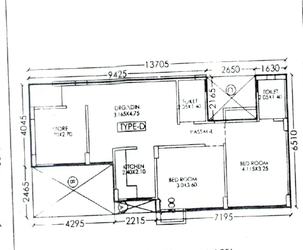
=(12.655X6.695)-[(A)+(B)+(C)+(D)+(E)]

=(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)

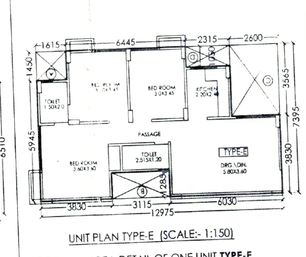
COVERED AREA DETAIL OF ONE UNIT **TYPE-D**

=(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**

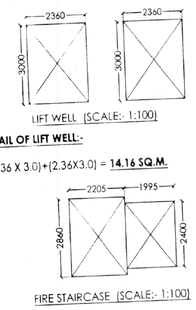
=(12.975X7.395)-[(A)+(B)+(C)+(D)]

=(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.**



LIFT WELL (SCALE:- 1:100)

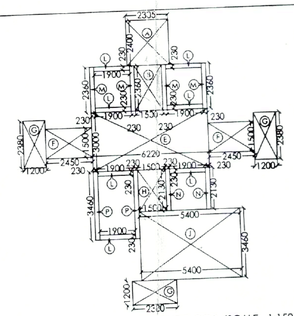
DETAIL OF LIFT WELL:-

= (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.**



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

COVERED AREA OF CIRCULATION AT ONE FLOOR:-

=(A)+(B)+(E)+(FX2)+(GX3)+(H)+(J)+(LX7)+(MX4)

+(NX2)+(PX2)-[LIFT LOBBY]:-

=A(2.305X2.40)+B(1.50X2.35)+E(6.22X3.0)+F(2.45X1.50X2)

+G(1.20X2.38X3)+H(1.50X2.13)+J(5.40X3.23)

+L(1.90X0.23X7)+M(0.23X2.36X4)

+N(0.23X2.13X2)+P(0.23X3.46X2)-(14.16):-

=A(5.532)+B(3.54)+E(18.66)

+F(7.35)+G(8.568) +H(3.195)+J(17.442)

+L(3.059)+M(2.171)+N(.979)+P(1.592) - (14.16):-

= 72.088 - 14.16 = **57.928 SQ.M.**

SIGNING AUTHORITY

ARCHITECTS SIGN

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B.ARCH.F.I.I.A. F.I.V.
ARCHITECT CA/75/1843

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-F)

SCALE:-1:100	DRG. NO.:14
DLT.BY.:-	DATE:-27/05/2011

ARCHITECTS:-

M. N. ANDLEY B.ARCH. F.I.I.A. F.I.V.

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