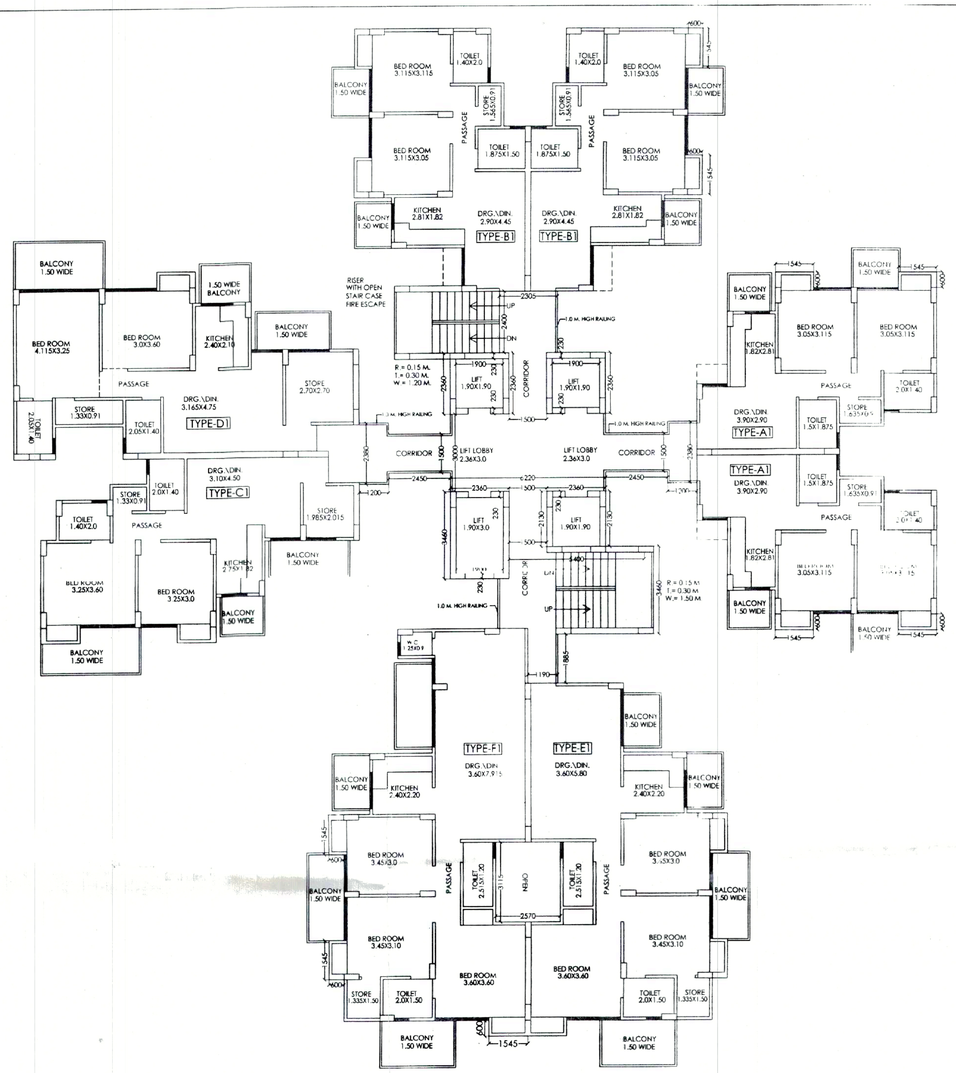


F.A.R. AREA:-

COVERED AREA DETAIL ON GROUND FLOOR :-

(CIRCULATION AREA AT ONE FLOOR):-

= **58.557 SQ.M.**

COVERED AREA DETAIL AT ONE FLOOR:-

=(TYPE-A1X2)+(TYPE-B1X2)+(TYPE-C1)+(TYPE-D1)

+(TYPE-E1)+(TYPE-F1)

+(CIRCULATION AREA AT ONE FLOOR):-

=(49.89X2)+(51.221X2)+(62.74)+(74.282)

+(80.248)+(89.891)+(58.557)

=(99.78)+(102.442)+(62.74)+(74.282)+(80.248)

+(89.891)+(58.557)

= **567.94 SQ.M.**

GROUND COVERAGE FOR ONE BLOCK :-

=(TYPE-A1X2)+(TYPE-B1X2)+(TYPE-C1)+(TYPE-D1)

+(TYPE-E1)+(TYPE-F1)

+(CIRCULATION AREA AT ONE FLOOR)

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

+CUP BOARD [(A1X2)+(B1X2)+(C1)+(D1)+(E1)+(F1)]:-

=(49.89X2)+(51.221X2)+(62.74)+(74.282)+(80.248)

+(89.891)+(58.557)+(16.53)+(14.16)+(11.094)

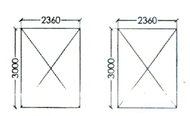
+ [(1.854X2)+(1.854X2)+(1.854)+(0.927)

+(2.781)+(2.781)]:-

=(99.78)+(102.442)+(62.74)+(74.282)+(80.248)

+(89.891)+(58.557)+(16.53)+(14.16)+(11.094)+(15.759)

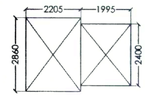
= **625.483 SQ.M.**



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 D:-

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-A1

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

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-B1

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

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-C1

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

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-D1

(1.545X0.6X = 0.927 SQ.M.

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-E1

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

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-F1

(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[(A1X2)+(B1X2)+(C1)+(D1)

+(E1)+(F1)]+LIFT LOBBY:-

=11.094+15.759 +14.16

= **41.013 SQ.M.**

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

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

+MACHINE ROOM + WATER TANK

= 41.784+(41.013X14)+37.288+50.614+23.788

= **727.656 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-A1 (SCALE:- 1:150)

COVERED AREA DETAIL OF ONE UNIT **TYPE-A1**

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

=(61.119) - A(1.23X3.73)+B(1.935X0.92)

+C(2.115X1.5)+D(1.75X0.965)

=(61.119) - A(4.588)+B(1.78)

+C(3.172)+D(1.689)

=(61.119) - (11.229) = **49.89 SQ.M.**

UNIT PLAN TYPE-B1 (SCALE:- 1:150)

COVERED AREA DETAIL OF ONE UNIT **TYPE-B1**

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

=(64.172) - A(1.71X3.73)+B(1.935X0.92)

+C(2.115X1.5)+D(1.68X0.965)

=(64.172) - A(6.378)+B(1.78)

+C(3.172)+D(1.621)

=(64.172) - (12.951) = **51.221 SQ.M.**

UNIT PLAN TYPE-C1 (SCALE:- 1:150)

COVERED AREA DETAIL OF ONE UNIT **TYPE-C1**

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

=(84.725) - A(3.775X3.365)+B(1.935X1.12)+C(0.605X3.215)

+D(2.115X1.7)+E(1.445X1.09)

=(84.725) - A(12.703)+B(2.167)+C(1.945)+D(3.595)+E(1.575)

=(84.725) - (21.985) = **62.74 SQ.M.**

UNIT PLAN TYPE-D1 (SCALE:- 1:150)

COVERED AREA DETAIL OF ONE UNIT **TYPE-D1**

=(13.705X6.51)-[(A)+(B)+(C)]

=(89.219) - A(2.215X0.6)+B(4.295X2.465)+C(2.65X1.14)

=(89.219) - A(1.329)+B(10.587)+C(3.021)

=(89.219) - (14.937) = **74.282 SQ.M.**

UNIT PLAN TYPE-E1 (SCALE:- 1:150)

COVERED AREA DETAIL OF ONE UNIT **TYPE-E1**

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

=(95.95) - [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) - (15.702) = **80.248 SQ.M.**

UNIT PLAN TYPE-F1 (SCALE:- 1:150)

COVERED AREA DETAIL OF ONE UNIT **TYPE-F1**

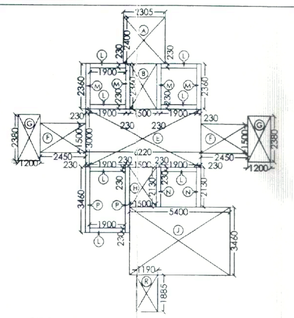
=(15.09X7.395)-[(B)+(C)+(D)+(E)]

=(111.59) - B(3.115X1.285)+C(1.13X2.2)

+D(3.585X3.565)+E(2.315X1.05)

=(111.59) - B(4.003)+C(2.486)+D(12.78)+E(2.43)

=(111.59) - (21.699) = **89.891 SQ.M.**



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(5.40X3.46)

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

+N(0.23X2.13X2)+P(0.23X3.46X2)+R(1.885X1.19)-(14.16):-

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

+F(7.35)+G(5.712) +H(3.195)+J(18.684)+L(3.059)

+M(2.171)+N(.979)+P(1.592)+R(2.243) - (14.16):-

= 72.717 - 14.16 = **58.557 SQ.M.**

SIGNING AUTHORITY

ARCHITECTS SIGN

M. N. ANDLEY
ARCHITECT

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-D)

SCALE:-1:100	DRG. NO.:10
DLT.BY.:-	DATE:-27/05/2011

ARCHITECTS:-

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

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