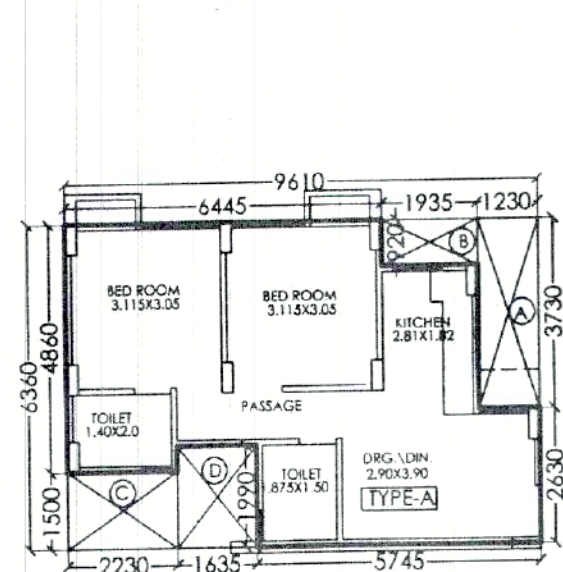
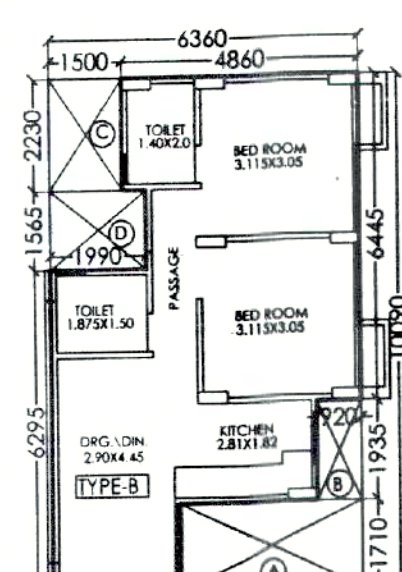
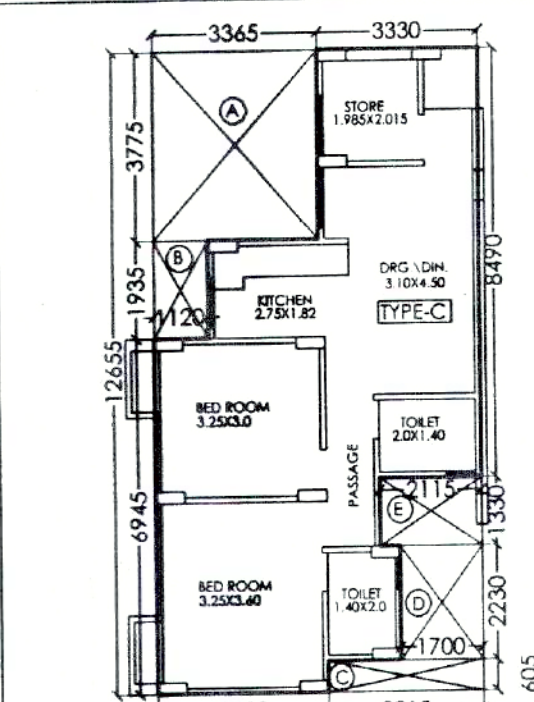




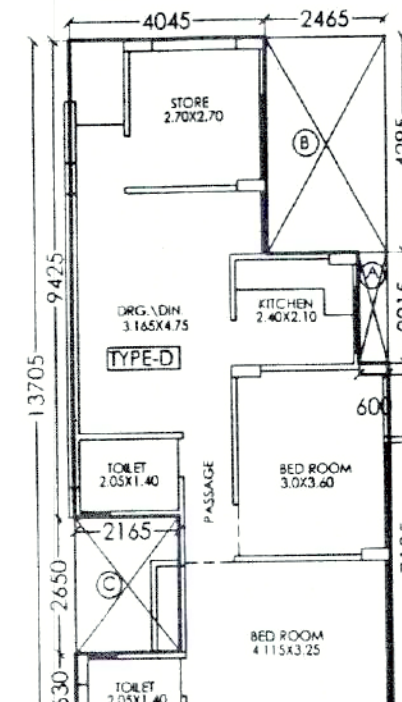
UNIT PLAN TYPE-A (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-A
 $= (9.61 \times 6.36) - [(A) + (B) + (C) + (D)]$
 $= (61.119) - A(1.23 \times 3.73) + B(1.935 \times 0.92)$
 $+ C(2.23 \times 1.5) + D(1.635 \times 1.99)$
 $= (61.119) - A(4.588) + B(1.78) + C(3.345) + D(3.254)$
 $= (61.119) - (12.967) = 48.152 \text{ SQ.M.}$



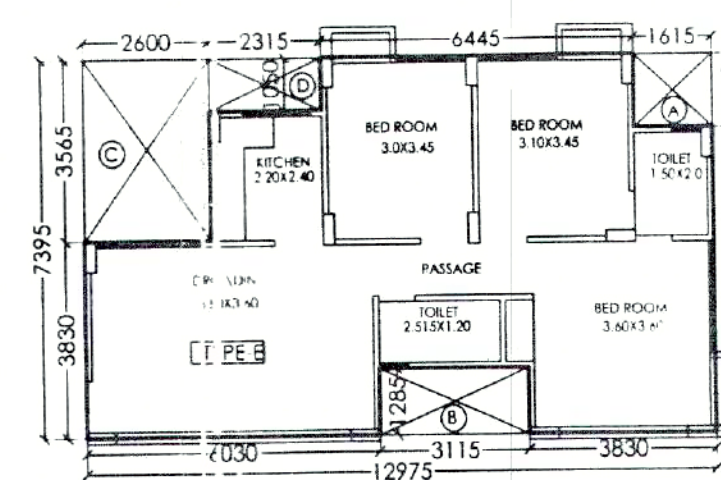
UNIT PLAN TYPE-B (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-B
 $= (10.09 \times 6.36) - [(A) + (B) + (C) + (D)]$
 $= (64.172) - A(1.71 \times 3.73) + B(1.935 \times 0.92)$
 $+ C(2.23 \times 1.5) + D(1.565 \times 1.99)$
 $= (64.172) - A(6.378) + B(1.78) + C(3.345) + D(3.114)$
 $= (64.172) - (14.617) = 49.555 \text{ SQ.M.}$



UNIT PLAN TYPE-C (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-C
 $= (12.655 \times 6.695) - [(A) + (B) + (C) + (D) + (E)]$
 $= (84.725) - A(3.775 \times 3.365) + B(1.935 \times 1.12) + C(0.605 \times 3.215)$
 $+ D(2.23 \times 1.7) + E(1.332 \times 1.15)$
 $= (84.725) - A(12.703) + B(2.167) + C(1.945) + D(3.791) + E(2.813)$
 $= (84.725) - (23.419) = 61.306 \text{ SQ.M.}$



UNIT PLAN TYPE-D (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-D
 $= (13.705 \times 6.51) - [(A) + (B) + (C)]$
 $= (89.219) - A(2.215 \times 0.6) + B(4.295 \times 2.465) + C(2.65 \times 2.165)$
 $= (89.219) - A(1.329) + B(10.587) + C(5.737)$
 $= (89.219) - (17.653) = 71.566 \text{ SQ.M.}$



COVERED AREA DETAIL OF ONE UNIT TYPE-E
 $= (12.975 \times 7.39) - [(A) + (B) + (C) + (D)]$
 $= (95.95) - A(1.1 \times 1.5 \times 1.45) + B(3.115 \times 1.285) + C(2.60 \times 3.565)$
 $+ D(2.315 \times 1.05)$
 $= (95.95) - A(2.42) + B(4.003) + C(9.269) + D(2.43)$
 $= (95.95) - (18.444) = 77.506 \text{ SQ.M.}$

F.A.R. AREA:-

COVERED AREA DETAIL ON GROUND FLOOR:-

(CIRCULATION AREA AT ONE FLOOR):-

= 55.375 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) + (55.375)

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

+ (155.812) + (55.375)

= 539.473 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)

+ (55.375) + (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)

+ (55.375) + (16.53) + (14.16) + (11.094) + (16.839)

= 598.096 SQ.M.

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

AREA DETAIL OF FIRESCAPE STAIRCASE:-

= (2.205 X 2.86) + (1.995 X 2.40) = 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) + (2.36 X 1.10) = 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) = 2.037 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 + CUP BOARD [(AX2) + (BX2) + (C) + (D)

+ (EX2)] + LIFT LOBBY:-

= 11.094 + 16.839 + 14.16

= 42.093 SQ.M.

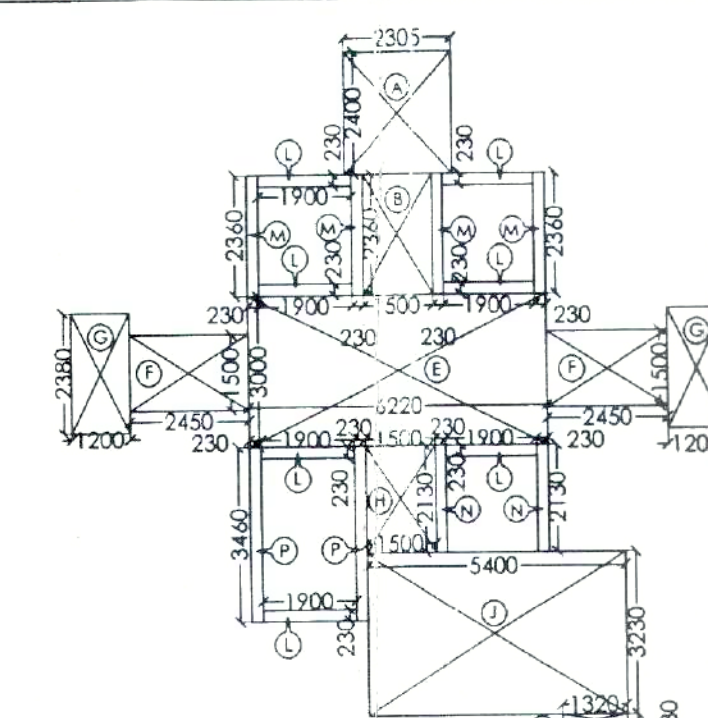
15% EXTRA FAR AREA DETAIL ON ALL FLOOR OF BLOCK-C:-

= 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.



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

COVERED AREA OF CIRCULATION AT ONE FLOOR:-

= (A) + (B) + (E) + (FX2) + (GX2) + (H) + (J) + (K) + (LX2) + (MX4)

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

= A(2.305X2.40) + B(1.50X2.30) + 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) - (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(9.79) + P(1.592) - (14.16):-

= 69.535 - 14.16 = 55.375 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

SIGNING AUTHORITY

ARCHITECTS SIGN

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-C)

SCALE: 1:100
DLT BY:-
DATE: 27/05/2011

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

ANDLEYS ASSOCIATES PVT. LTD.
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39 HOUSING SOCIETY N.D.S.E.H. NEW DELHI - 110049