

S.NO.	TYPE	SIZE	CLL. LVL.	LTL. LVL.
1	D	0.100 X 2.10	-	2.10 M.
2	D-1	0.90 X 2.70	-	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 1.050	1.050	2.50
6	W-1	0.45 X 1.450	1.050	2.50

SCHEDULE OF DOOR & WINDOWS

15% EXTRA FAR AREA CALCULATION FOR BLOCK J:-

AREA DETAIL OF FIRESCAPE STAIRCASE:-
 $= (2.205 \times 2.86) + (1.995 \times 2.40) = 11.094 \text{ SQ.M.}$

AREA DETAIL OF MUMTY:-
 $= (3.46 \times 5.40) + (6.505 \times 2.86) = 37.288 \text{ SQ.M.}$

AREA DETAIL OF MACHINE ROOM:-
 $= (6.22 \times 7.72) + (2.36 \times 1.10) = 50.614 \text{ SQ.M.}$

AREA DETAIL OF WATER TANK:-
 $= (6.03 \times 3.945) = 23.788 \text{ SQ.M.}$

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-A
 $= (1.545 \times 0.6 \times 2) = 1.854 \text{ SQ.M.}$

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-D
 $= (1.545 \times 0.60) + (1.80 \times 0.60) = 2.067 \text{ SQ.M.}$

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-F
 $= (0.60 \times 1.545 \times 3) = 2.781 \text{ SQ.M.}$

DETAIL OF LIFT WELL AREA:-
 $(1.90 \times 1.90 \times 3) + (1.90 \times 3.0) = 16.53 \text{ SQ.M.}$

DETAIL OF LIFT LOBBY AREA:-
 $= (2.36 \times 3.0) + (2.36 \times 3.0) = 14.16 \text{ SQ.M.}$

15% EXTRA FAR AREA DETAIL ON GROUND FLOOR:-
 $= (2.36 \times 3.0) + (1.90 \times 3.0) = 14.16 \text{ SQ.M.}$

= FIRESCAPE STAIR + LIFT WELL + LIFT LOBBY:-

$= 11.094 + 16.53 + 14.16 = 41.784 \text{ SQ.M.}$

15% EXTRA FAR AREA DETAIL ON ONE FLOOR (1ST TO 20TH):-

= FIRESCAPE STAIR + CUP BOARD ((AX4)+(DX2)+(FX2))+LIFT LOBBY:-

$= 11.094 + ((1.854 \times 4) + (2.007 \times 2) + (2.781 \times 2)) + 14.16 = 42.246 \text{ SQ.M.}$

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

= GROUND FLOOR + 1ST FLOOR TO 20TH FLOOR + MUMTY

+MACHINE ROOM + WATER TANK

$= 41.784 + (42.246 \times 20) + 37.288 + 50.614 + 23.788$

$= 998.394 \text{ SQ.M.}$

F.A.R. AREA:-

(CIRCULATION AREA AT ONE FLOOR):-

COVERED AREA DETAIL AT ONE FLOOR:-

$= 54.305 \text{ SQ.M.}$

(TYPE-AX4)+(TYPE-DX2)+(TYPE-FX2)

= (CIRCULATION AREA AT ONE FLOOR):-

$= (48.152 \times 4) + (71.566 \times 2) + (67.549 \times 2) + (54.305)$

$= (192.608) + (143.132) + (175.098) + (54.305)$

$= 565.143 \text{ SQ.M.}$

GROUND COVERAGE FOR ONE BLOCK:-

= (TYPE-AX4)+(TYPE-DX2)+(TYPE-FX2)

(CIRCULATION AREA AT ONE FLOOR)

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

+CUP BOARD ((AX4)+(DX2)+(FX2)):-

$= (48.152 \times 4) + (71.566 \times 2) + (67.549 \times 2) + (54.305)$

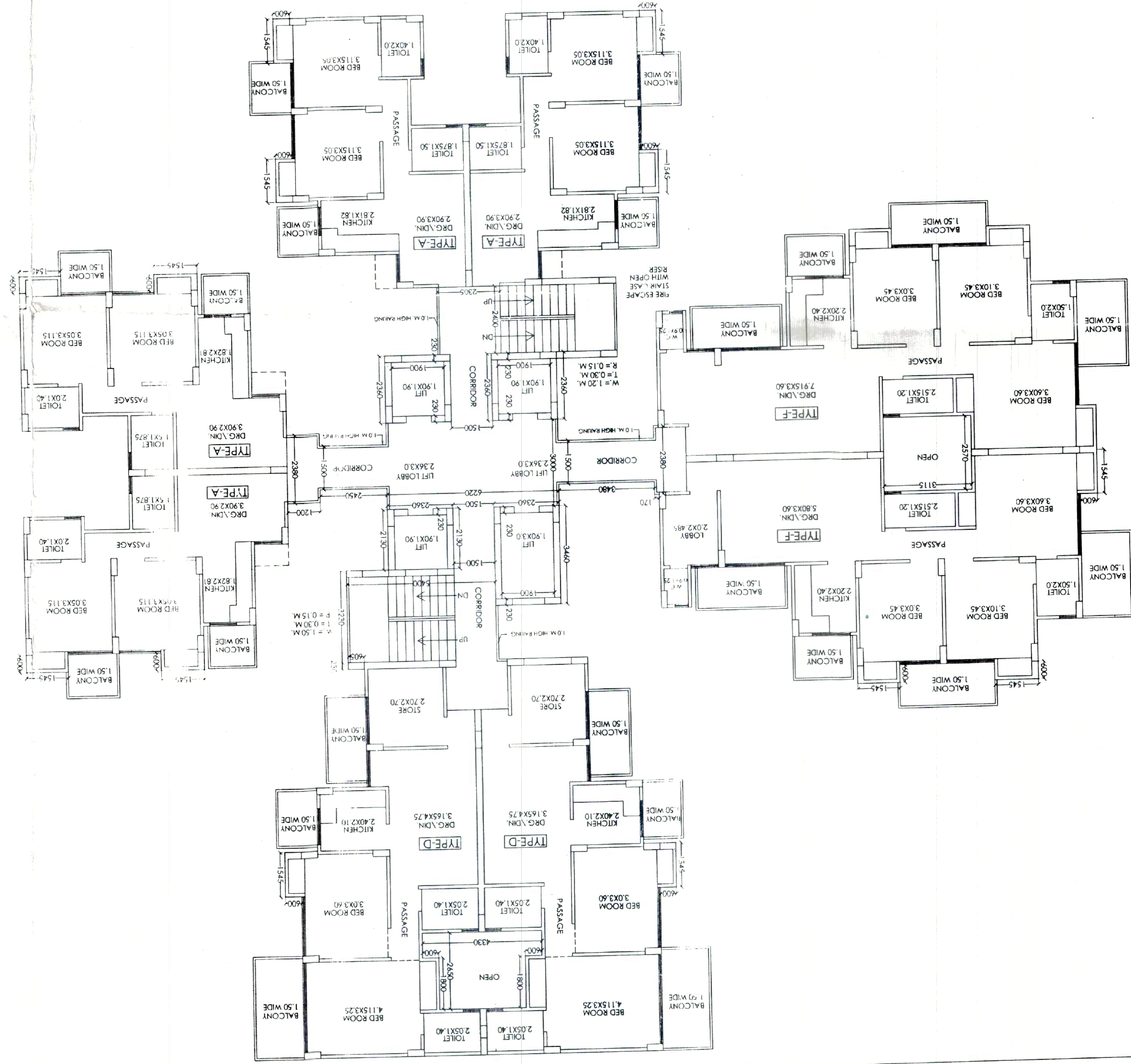
$+ (16.53) + (14.16) + (11.094) + ((1.854 \times 4)$

$+ (2.007 \times 2) + (2.781 \times 2)):-$

$= (192.608) + (143.132) + (175.098) + (54.305) + (16.53)$

$+ (14.16) + (11.094) + (16.992)$

$= 623.919 \text{ SQ.M.}$



COVERED AREA DETAIL ON GROUND FLOOR:-

(CIRCULATION AREA AT ONE FLOOR):-

COVERED AREA DETAIL AT ONE FLOOR:-

$= 54.305 \text{ SQ.M.}$

(TYPE-AX4)+(TYPE-DX2)+(TYPE-FX2)

= (CIRCULATION AREA AT ONE FLOOR):-

$= (48.152 \times 4) + (71.566 \times 2) + (67.549 \times 2) + (54.305)$

$= (192.608) + (143.132) + (175.098) + (54.305)$

$= 565.143 \text{ SQ.M.}$

GROUND COVERAGE FOR ONE BLOCK:-

= (TYPE-AX4)+(TYPE-DX2)+(TYPE-FX2)

(CIRCULATION AREA AT ONE FLOOR)

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

+CUP BOARD ((AX4)+(DX2)+(FX2)):-

$= (48.152 \times 4) + (71.566 \times 2) + (67.549 \times 2) + (54.305)$

$+ (16.53) + (14.16) + (11.094) + ((1.854 \times 4)$

$+ (2.007 \times 2) + (2.781 \times 2)):-$

$= (192.608) + (143.132) + (175.098) + (54.305) + (16.53)$

$+ (14.16) + (11.094) + (16.992)$

$= 623.919 \text{ SQ.M.}$

COVERED AREA OF CIRCULATION AT ONE FLOOR:-

= (A)+(B)+(C)+(D)+(E)+(F)+(G)+(H)+(I)+(J)+(K)+(LX7)+(MX4)

+ (NX2)-(FX2)-(LIFT LOBBY):-

$= (2.305 \times 2.40) + (1.50 \times 2.36) + (C(1.77 \times 2.38) + D(3.48 \times 1.50)$

$+ (E(6.22 \times 3.0) + F(2.45 \times 1.50) + G(1.20 \times 2.36) + H(1.50 \times 2.13)$

$+ (J(5.40 \times 2.3) + K(0.605 \times 0.23) + (L(1.90 \times 0.23 \times 7)$

$+ M(0.23 \times 3.6 \times 4) + N(0.23 \times 2.13 \times 2) + P(0.23 \times 3.46 \times 2)$

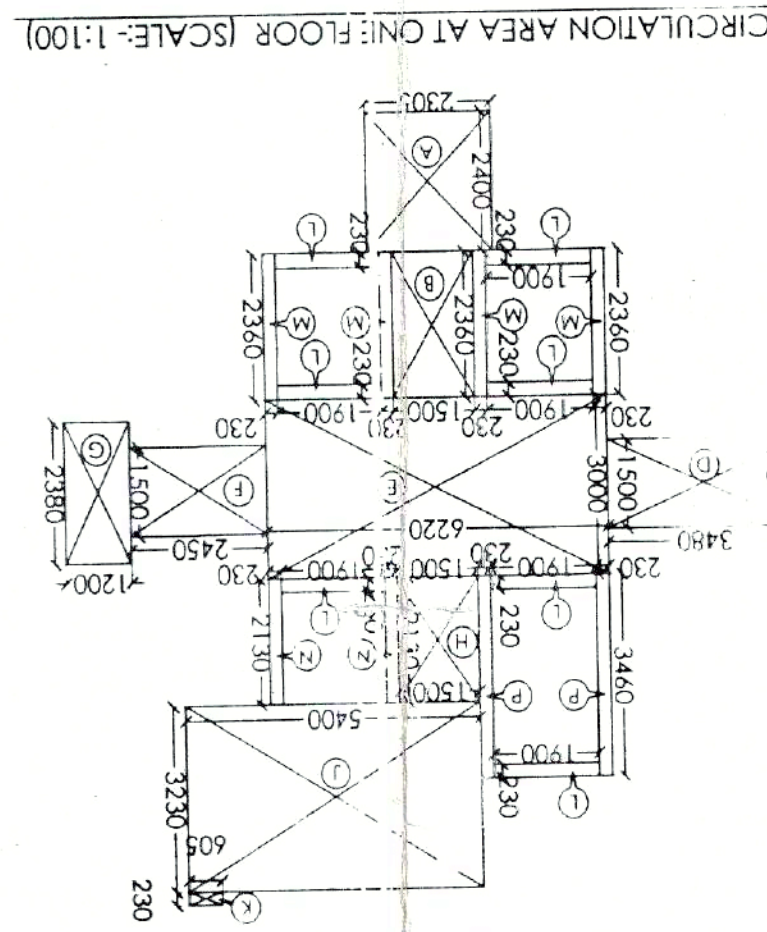
$- ((14.16):-$

$= A(5.532) + B(3.54) + C(0.405) + D(5.22) + E(18.66)$

$+ F(3.675) + G(2.856) + H(3.195) + I(7.442) + K(0.139)$

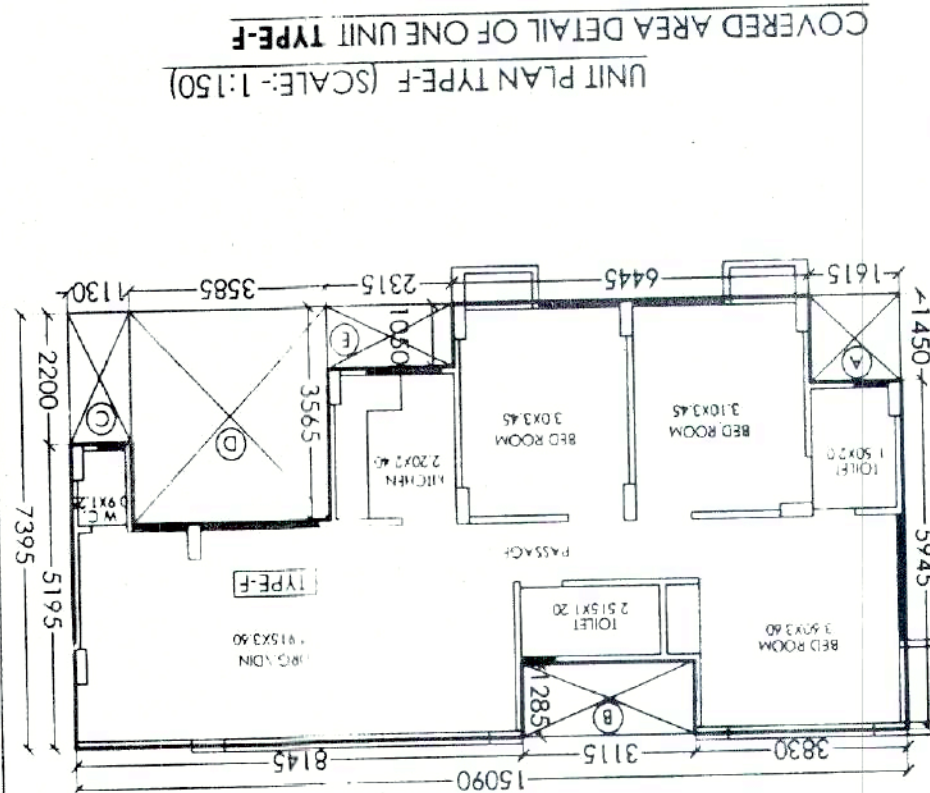
$+ L(3.059) + M(2.171) + N(9.79) + P(1.592) - ((14.16):-$

$= 68.465 - 14.16 = 54.305 \text{ SQ.M.}$



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

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



COVERED AREA DETAIL OF ONE UNIT TYPE-F

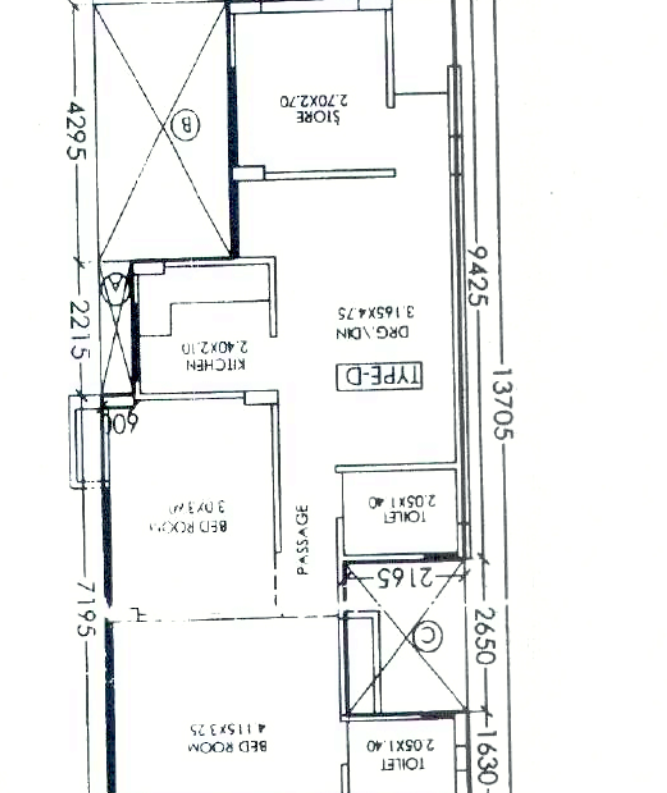
$= (1.59 \times 7.395) - (A(1.615 \times 1.45) + (B(3.13 \times 1.15) + C(1.13 \times 2.2)$

$+ D(3.585 \times 3.565) + E(2.315 \times 1.05)$

$= (11.59) - A(2.342) + B(4.003) + C(2.486) + D(1.278) + E(2.43)$

$= (11.59) - (24.041) = 87.549 \text{ SQ.M.}$

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



COVERED AREA DETAIL OF ONE UNIT TYPE-D

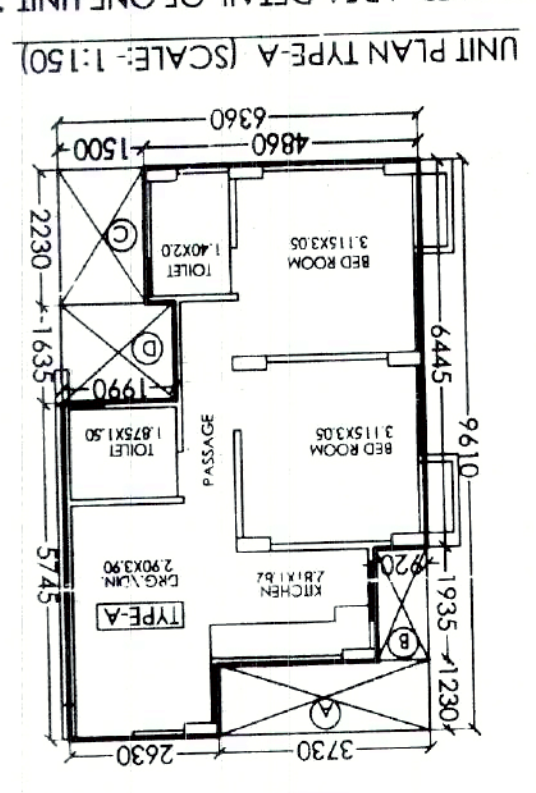
$= (13.705 \times 6.51) - ((A)+(B)+(C))$

$= (89.219) - A(2.215 \times 0.6) + B(4.295 \times 2.465) + C(2.65 \times 2.165)$

$= (89.219) - A(1.329) + B(10.587) + C(5.737)$

$= (89.219) - (17.653) = 71.566 \text{ SQ.M.}$

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



COVERED AREA DETAIL OF ONE UNIT TYPE-A

$= (9.61 \times 6.36) - ((A)+(B)+(C)+(D))$

$= (61.119) - A(1.23 \times 3.73) + B(1.935 \times 0.92)$

$+ C(2.23 \times 1.5) + D(1.635 \times 1.99)$

$= (61.119) - (12.967) = 48.152 \text{ SQ.M.}$

PROJECT: GROUP HOUSING FOR M/S ANTRIKSH ENGINEERS PVT. LTD. AT GREATER NOIDA (U.P.)

ARCHITECTS: ANDLEYS ASSOCIATES PVT. LTD. PLANNERS

DATE: 27/05/2011

SCALE: 1:100

DWG. NO: 20

TYPICAL FLOOR PLAN (BLOCK-J)

DWG. TITLE:

ARCHITECTS SIGN: M.N. ANDLEY

SIGNING AUTHORITY: