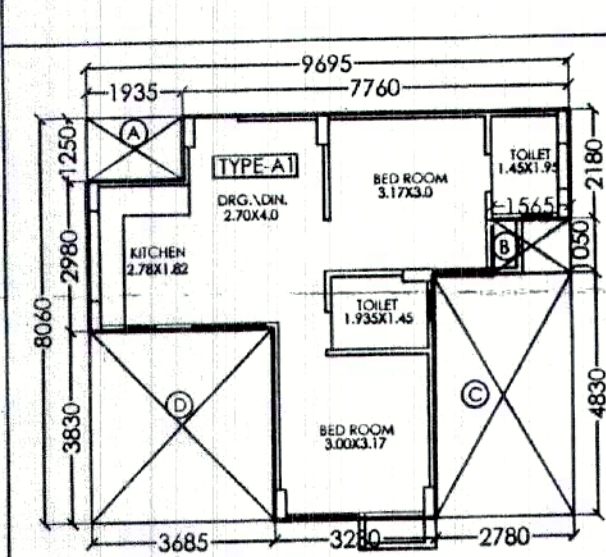
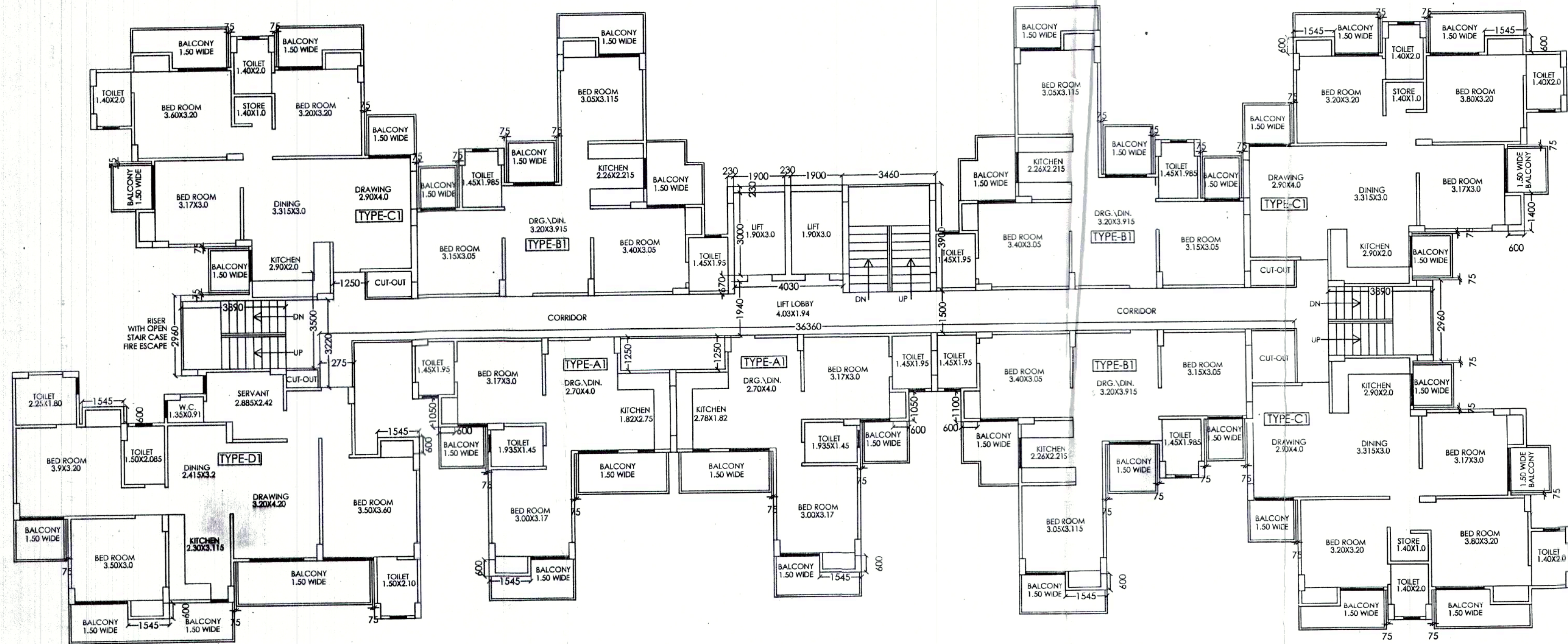
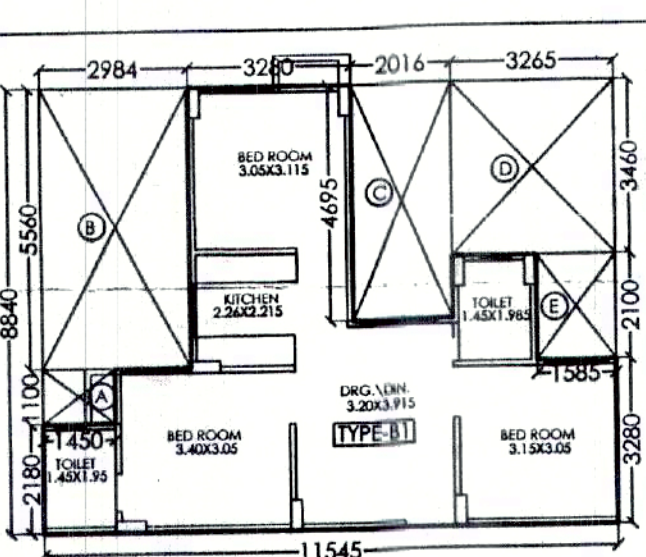
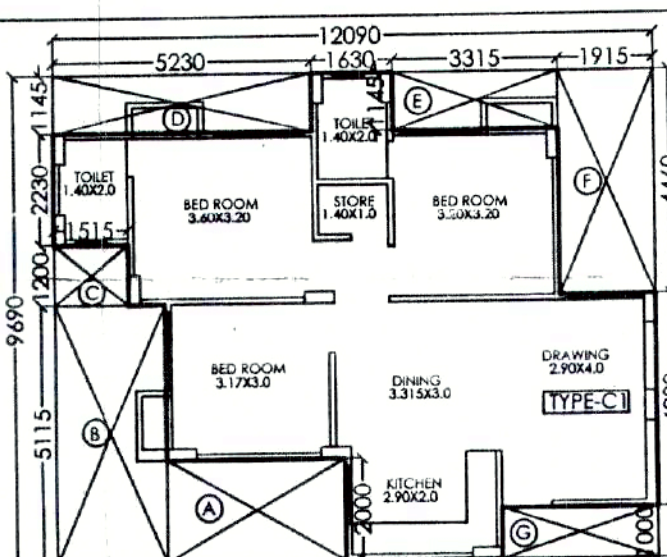




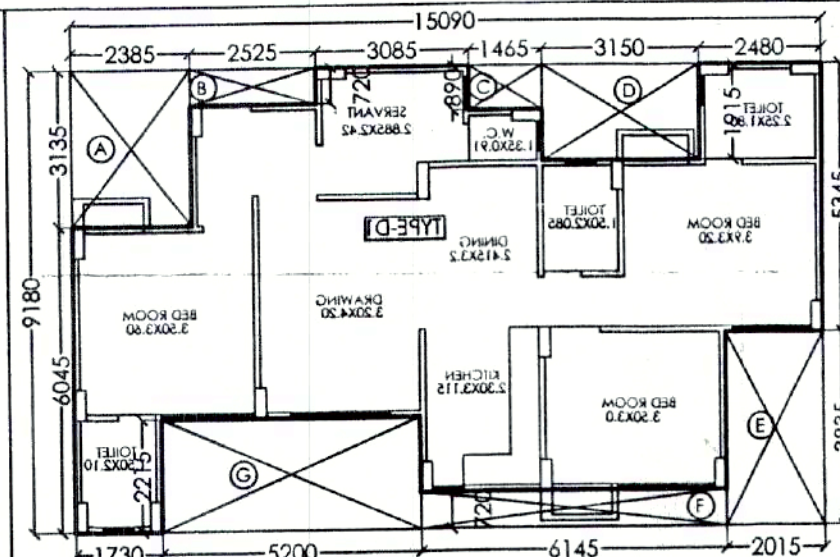
UNIT PLAN TYPE-A1 (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-A1
 $= [9.695 \times 8.06] - [(A) + (B) + (C) + (D)]$
 $= [78.141] - A(1.935 \times 1.25) + B(1.565 \times 1.05)$
 $+ C(2.78 \times 4.83) + D(3.685 \times 3.83)$
 $= [78.141] - A(2.419) + B(1.643)$
 $+ C(13.427) + D(14.114)$
 $= [78.141] - (31.603) = \mathbf{46.538 \text{ SQ.M.}}$



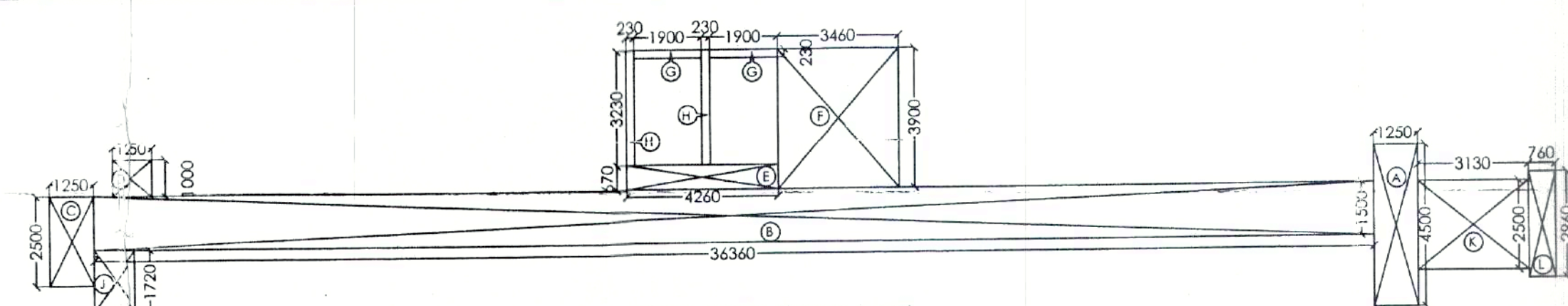
UNIT PLAN TYPE-B1 (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-B1
 $= [11.545 \times 8.84] - [(A) + (B) + (C) + (D) + (E)]$
 $= [102.057] - A(1.45 \times 1.10) + B(2.984 \times 5.56)$
 $+ C(2.016 \times 4.695) + D(3.265 \times 3.46) + E(1.585 \times 2.10)$
 $= [102.057] - A(1.595) + B(16.591) + C(9.465)$
 $+ D(11.297) + E(3.328)$
 $= [102.057] - (42.276) = \mathbf{59.781 \text{ SQ.M.}}$



UNIT PLAN TYPE-C1 (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-C1
 $= [12.09 \times 9.69] - [(A) + (B) + (C) + (D) + (E) + (F) + (G)]$
 $= [117.152] - A(3.585 \times 2.0) + B(2.245 \times 5.115)$
 $+ C(1.515 \times 1.50) + D(5.23 \times 1.145) + E(3.315 \times 1.145)$
 $+ F(1.915 \times 4.46) + G(3.13 \times 1.0)$
 $= [117.152] - A(7.17) + B(11.483) + C(1.818) + D(5.988)$
 $+ E(3.796) + F(8.541) + G(3.13)$
 $= [117.152] - (41.926) = \mathbf{75.226 \text{ SQ.M.}}$



UNIT PLAN TYPE-D1 (SCALE: 1:150)
COVERED AREA DETAIL OF ONE UNIT TYPE-D1
 $= [15.09 \times 9.18] - [(A) + (B) + (C) + (D) + (E) + (F) + (G)]$
 $= [138.526] - A(2.385 \times 3.135) + B(2.525 \times 0.72)$
 $+ C(1.465 \times 0.89) + D(3.15 \times 1.915) + E(2.015 \times 3.835)$
 $+ F(6.145 \times 0.72) + G(5.20 \times 2.215)$
 $= [138.526] - A(7.477) + B(1.818) + C(1.304) + D(6.032)$
 $+ E(7.728) + F(4.424) + G(11.518)$
 $= [138.526] - (40.301) = \mathbf{98.225 \text{ SQ.M.}}$



CIRCULATION AREA AT ONE FLOOR (SCALE: 1:150)
COVERED AREA OF CIRCULATION AT ONE FLOOR:-
 $= (A) + (B) + (C) + (D) + (E) + (F) + (G) + (H) + (I) + (J) + (K) + (L) - (\text{LIFT LOBBY})$
 $= A(1.25 \times 4.5) + B(36.36 \times 1.50) + C(1.25 \times 2.50) + D(1.25 \times 1.0) + E(4.60 \times 0.67)$
 $+ F(3.46 \times 3.90) + G(1.90 \times 0.23 \times 2) + H(0.23 \times 3.46 \times 2) + J(1.275 \times 1.57) + K(3.13 \times 2.5) + L(7.6 \times 2.96) - (7.818)$
 $= A(5.625) + B(54.54) + C(3.125) + D(1.25) + E(2.854) + F(13.494) + G(0.874) + H(1.485) + J(2.002) + K(7.825) + L(2.25) - (7.818)$
 $= \mathbf{95.324 - 7.818 = 87.506 \text{ SQ.M.}}$

F.A.R. AREA:-

COVERED AREA DETAIL ON GROUND FLOOR:-

(CIRCULATION AREA AT ONE FLOOR):-

$= \mathbf{87.506 \text{ SQ.M.}}$

COVERED AREA DETAIL AT ONE FLOOR:-

$= (\text{TYPE-A1X2}) + (\text{TYPE-B1X3})$

$+ (\text{TYPE-C1X3}) + (\text{TYPE-D1})$

$+ (\text{CIRCULATION AREA AT ONE FLOOR})$

$= [46.538 \times 2] + (59.781 \times 3) + (75.226 \times 3)$

$+ (98.225) + (87.506)$

$= (93.076) + (179.343) + (225.678) + (98.225) + (87.506)$

$= \mathbf{683.828 \text{ SQ.M.}}$

GROUND COVERAGE FOR ONE BLOCK:-

$= (\text{TYPE-A1X2}) + (\text{TYPE-B1X3}) + (\text{TYPE-C1X3})$

$+ (\text{TYPE-D1}) + (\text{CIRCULATION AREA AT ONE FLOOR})$

$+ (\text{LIFT WELL AREA}) + (\text{LIFT LOBBY}) + (\text{FIRESCAPE STAIR})$

$+ \text{CUP BOARD } [(A1X2) + (B1X3) + (C1X3) + (D1)]$

$= [46.538 \times 2] + (59.781 \times 3) + (75.226 \times 3)$

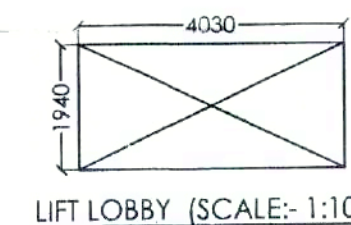
$+ (98.225) + (87.506) + (11.40) + (7.818) + (10.075)$

$+ [(1.557 \times 2) + (1.587 \times 3) + (1.694 \times 3) + (2.781)]$

$= [93.076] + (179.343) + (225.678) + (98.225) + (87.506)$

$+ (11.40) + (7.818) + (10.075) + (15.738)$

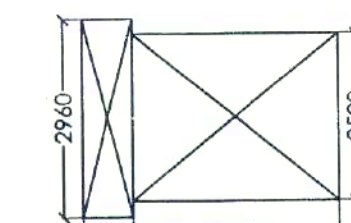
$= \mathbf{728.859 \text{ SQ.M.}}$



LIFT LOBBY (SCALE: 1:100)

DETAIL OF LIFT LOBBY:-

$= (4.03 \times 1.94) = \mathbf{7.818 \text{ SQ.M.}}$



FIRE STAIRCASE (SCALE: 1:100)

AREA DETAIL OF FIRESCAPE STAIRCASE:-

$= [(0.76 \times 2.96) + (3.13 \times 2.50)] = \mathbf{10.075 \text{ SQ.M.}}$

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

AREA DETAIL OF FIRESCAPE STAIRCASE:-

$= [(0.76 \times 2.96) + (3.13 \times 2.50)] = \mathbf{10.075 \text{ SQ.M.}}$

AREA DETAIL OF MUMTY:-

$= (3.46 \times 5.78) + (5.14 \times 2.96 \times 2) = \mathbf{50.427 \text{ SQ.M.}}$

AREA DETAIL OF MACHINE ROOM:-

$= (4.49 \times 5.78) = \mathbf{25.952 \text{ SQ.M.}}$

AREA DETAIL OF WATER TANK:-

$= (5.526 \times 3.395 \times 2) = \mathbf{37.521 \text{ SQ.M.}}$

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-A1

$= (1.545 \times 0.6) + (1.05 \times 0.6) = \mathbf{1.557 \text{ SQ.M.}}$

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-B1

$= (1.545 \times 0.6) + (1.1 \times 0.6) = \mathbf{1.587 \text{ SQ.M.}}$

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-C1

$= (1.545 \times 0.6 \times 2) + (1.4 \times 0.6) = \mathbf{1.694 \text{ SQ.M.}}$

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-D1

$= (1.545 \times 0.6 \times 3) = \mathbf{2.781 \text{ SQ.M.}}$

DETAIL OF LIFT WELL AREA:-

$= (1.90 \times 3.0 \times 3) = \mathbf{11.40 \text{ SQ.M.}}$

DETAIL OF LIFT LOBBY AREA:-

$= (4.03 \times 1.94) = \mathbf{7.818 \text{ SQ.M.}}$

15% EXTRA FAR AREA DETAIL ON GROUND FLOOR:-

$= \text{FIRESCAPE STAIR} + \text{LIFT WELL} + \text{LIFT LOBBY}$

$= 10.075 + 11.40 + 7.818$

$= \mathbf{29.293 \text{ SQ.M.}}$

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

$= \text{FIRESCAPE STAIR} + \text{CUPBOARD } [(A1X2) + (B1X3) + (C1X3)]$

$+ (D)] + \text{LIFT LOBBY}$

$= 10.075 + 7.818 + 15.738$

$= \mathbf{33.631 \text{ SQ.M.}}$

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

$= \text{GROUND FLOOR} + 1\text{ST FLOOR TO 20TH FLOOR} + \text{MUMTY}$

$+ \text{MACHINE ROOM} + \text{WATER TANK}$

$= 29.293 + [33.631 \times 20] + 50.427 + 25.952 + 37.521$

$= \mathbf{815.813 \text{ SQ.M.}}$

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

For Diligent Builders Pvt. Ltd.
 Authorised Signatory

ARCHITECT'S SIGN

SUBMISSION DRAWING

PROJECT:-
GROUP HOUSING FOR M/S DILIGENT BUILDER'S PVT. LTD
 PLOT NO. GH-15D, SECTOR-1
 AT GREATER NOIDA. (U.P.)

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

SCALE: 1:100
 DRG. NO. 04
 DLT. BY:-
 DATE: 15/06/2011

ARCHITECTS:-
ANDLEYS ASSOCIATES PVT. LTD.
 ARCHITECTS ENGINEERS PLANNERS
 39 HOUSING SOCIETY N.D.S.E-1 NEW DELHI - 110049