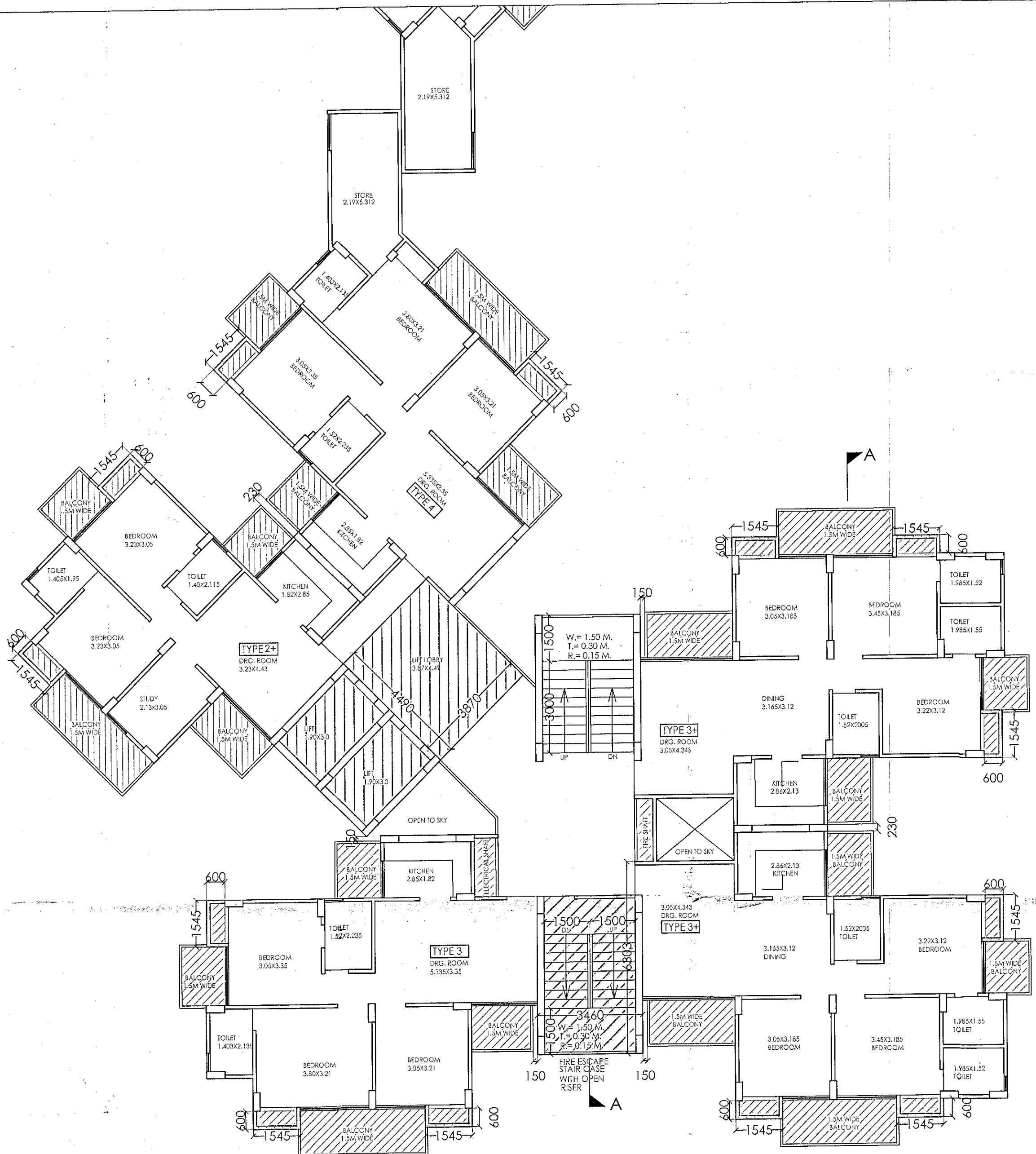
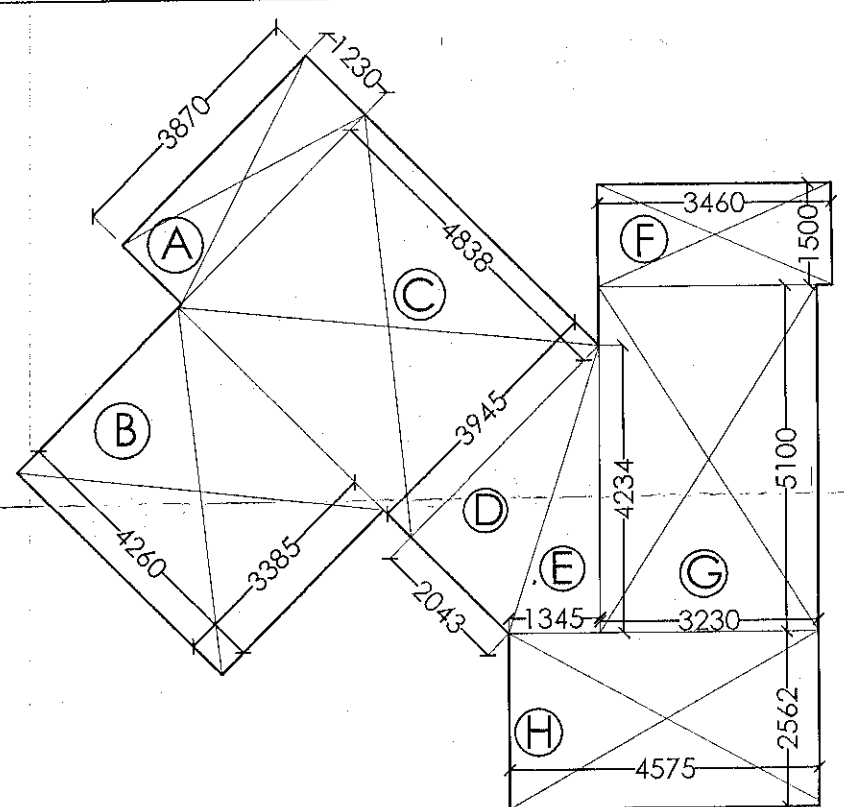


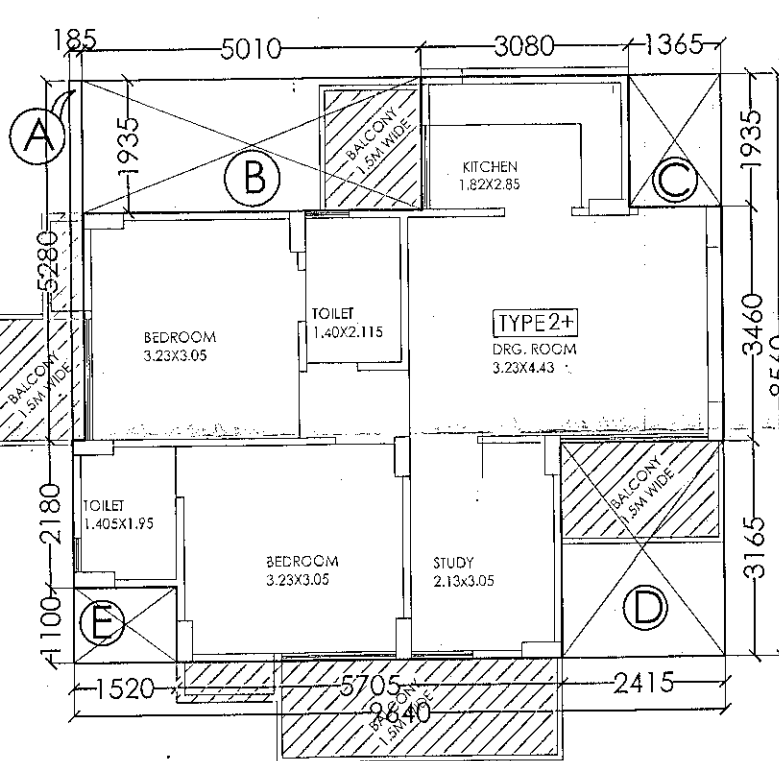


2ND, 3RD & 4TH FLOOR PLAN



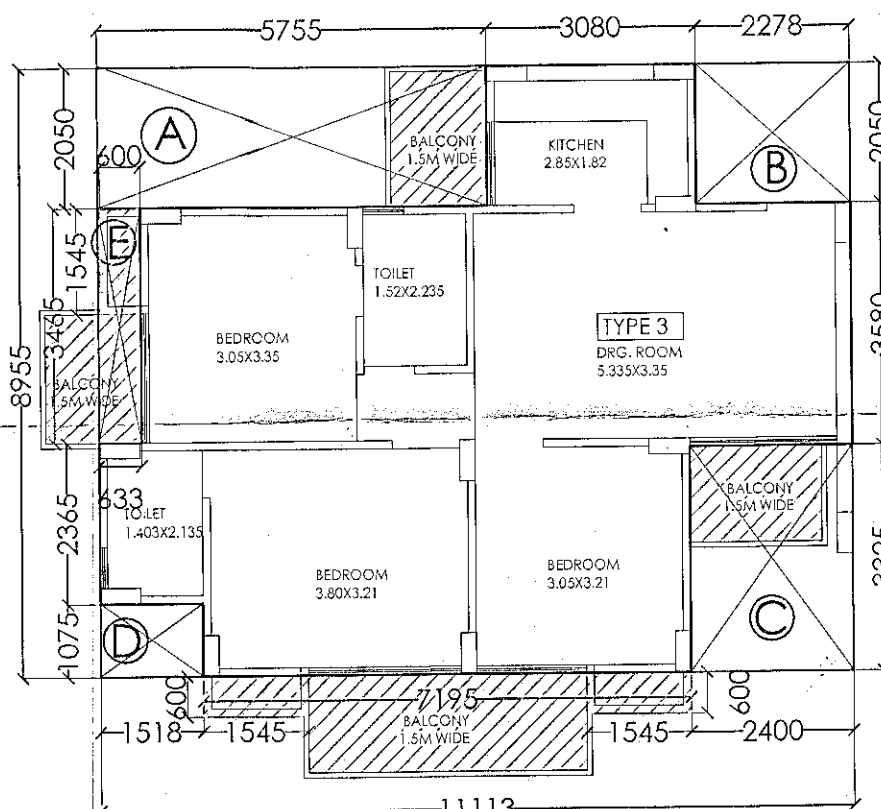
COVERED AREA OF CIRCULATION AT ONE FLOOR:-

$$\begin{aligned}
 &= (A) + (B) + (C) + (D) + (E) + (F) + (G) + (H) - \text{LIFT LOBBY - LIFT WELL:-} \\
 &= A(3.87 \times 1.23) + B(4.26 \times 3.385) + C(4.838 \times 3.945) + D(0.5 \times 2.043 \times 3.945) \\
 &+ E(0.5 \times 1.345 \times 4.234) + F(3.46 \times 1.50) + G(3.23 \times 5.10) + H(4.57 \times 5.262) \\
 &- (4.49 \times 3.87) - (1.90 \times 3.0 \times 2) = \\
 &= A(4.76) + B(14.42) + C(19.086) + D(4.03) + E(2.847) + F(5.19) + G(16.473) + H(11.721) \\
 &- (17.376) - (11.40) = \\
 &= \mathbf{49.751 \text{ SQ.M.}}
 \end{aligned}$$



COVERED AREA DETAIL OF ONE UNIT TYPE-2+

$$\begin{aligned}
 &= (9.64 \times 8.56) - [(A) + (B) + (C) + (D)] \\
 &= (82.518) - [A(5.28 \times 0.185) + B(5.01 \times 1.935) + C(1.365 \times 1.935) \\
 &+ D(2.415 \times 3.165) + E(1.52 \times 1.10)] \\
 &= (82.518) - A(0.977) + B(9.694) + C(2.641) + D(7.643) + E(1.672) \\
 &= (82.518) - (22.627) = \mathbf{59.891 \text{ SQ.M.}}
 \end{aligned}$$



COVERED AREA DETAIL OF ONE UNIT TYPE-3:-

$$\begin{aligned}
 &= (11.113 \times 8.955) - [(A) + (B) + (C) + (D) + (E)] \\
 &= (99.516) - A(5.755 \times 2.05) + B(2.278 \times 2.05) + C(2.40 \times 3.325) \\
 &+ D(1.518 \times 1.075) + E(3.465 \times 0.633) \\
 &= (99.516) - A(11.798) + B(4.669) + C(7.98) + D(1.632) + E(2.193) \\
 &= (99.516) - (28.272) = \mathbf{71.244 \text{ SQ.M.}}
 \end{aligned}$$

## F.A.R. AREA:-

### COVERED AREA DETAIL ON GROUND FLOOR :-

$$\begin{aligned}
 &= (\text{CIRCULATION AREA AT ONE FLOOR}) + (\text{LIFT WELL}):- \\
 &= (49.751) + (11.40) \\
 &= \mathbf{61.151 \text{ SQ.M.}}
 \end{aligned}$$

### COVERED AREA DETAIL AT 2ND, 3RD & 4TH FLOOR:-

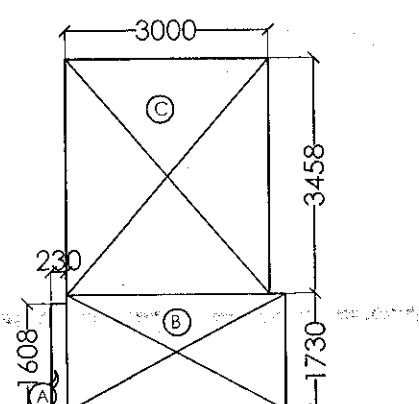
$$\begin{aligned}
 &= (\text{TYPE-2+X1}) + (\text{TYPE-3X1}) + (\text{TYPE-3+X2}) + (\text{TYPE-4X1}) + (\text{CIRCULATION AREA AT ONE FLOOR}):- \\
 &= (59.891 \times 1) + (71.244 \times 1) + (79.172 \times 2) + (83.189 \times 1) + (49.751) \\
 &= (59.891) + (71.244) + (158.344) + (83.189) + (49.751) = \mathbf{422.417 \text{ SQ.M.}}
 \end{aligned}$$

### COVERED AREA DETAIL AT ONE TYPICAL FLOOR:-

$$\begin{aligned}
 &= (\text{TYPE-2+X1}) + (\text{TYPE-3X2}) + (\text{TYPE-3+X2}) + (\text{CIRCULATION AREA AT ONE FLOOR}):- \\
 &= (59.891 \times 1) + (71.244 \times 2) + (79.172 \times 2) + (49.751) \\
 &= (59.891) + (142.488) + (158.344) + (49.751) = \mathbf{410.474 \text{ SQ.M.}}
 \end{aligned}$$

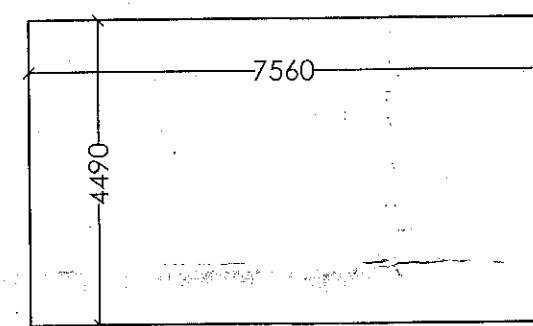
### GROUND COVERAGE FOR ONE BLOCK :-

$$\begin{aligned}
 &= (\text{TYPE-2+X1}) + (\text{TYPE-3X1}) + (\text{TYPE-3+X2}) + (\text{TYPE-4X1}) + (\text{CIRCULATION AREA AT ONE FLOOR}) \\
 &+ (\text{LIFTWELL AREA}) + (\text{LIFT LOBBY}) + (\text{FIRESCAPE STAIR+CUP BOARD [(2+X1)+(3X1)+(3+X2)+(4X1)]}):- \\
 &= (59.891 \times 1) + (71.244 \times 1) + (79.172 \times 2) + (83.189 \times 1) + (49.751) + (11.4) + (17.376) + (16.332) + (2.781 \times 4) + 1.854 \\
 &+ \text{SERVICE SHAFT:-} \\
 &= (59.891) + (71.244) + (158.344) + (83.189) + (49.751) + (11.4) + (17.376) + (16.332) + (12.978) + (2.587) \\
 &= \mathbf{483.092 \text{ SQ.M.}}
 \end{aligned}$$



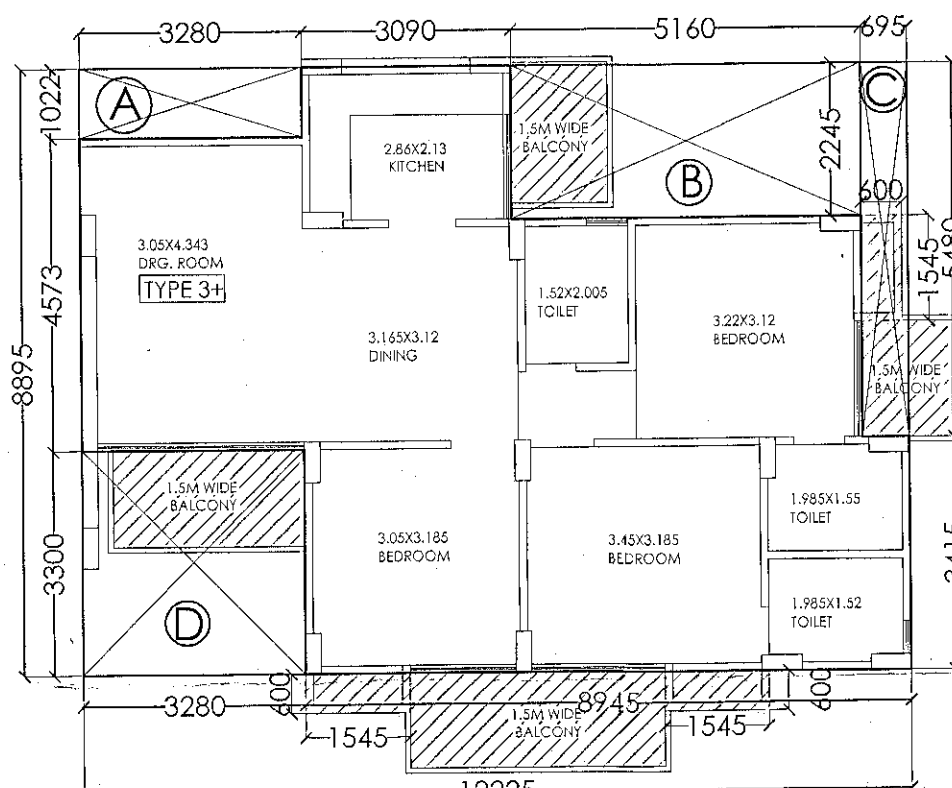
COVERED AREA DETAIL OF FIRE STAIRCASE

$$\begin{aligned}
 &= [(A) + (B) + (C)] \\
 &= [A(0.23 \times 1.608) + B(3.23 \times 1.73) + C(3.0 \times 3.458)] \\
 &= \mathbf{16.332 \text{ SQ.M.}}
 \end{aligned}$$



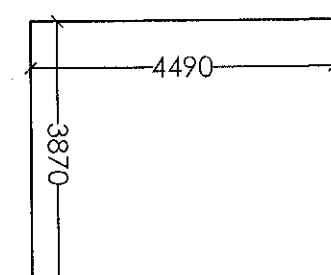
COVERED AREA DETAIL OF MACHINE ROOM

$$\begin{aligned}
 &= (7.56 \times 4.49) \\
 &= \mathbf{33.944 \text{ SQ.M.}}
 \end{aligned}$$



COVERED AREA DETAIL OF ONE UNIT TYPE-3+:-

$$\begin{aligned}
 &= (12.225 \times 8.895) - [(A) + (B) + (C) + (D)] \\
 &= (108.741) - [A(3.28 \times 1.022) + B(5.16 \times 2.245) + C(5.48 \times 0.695) + D(3.28 \times 3.30)] \\
 &= (108.741) - [A(3.352) + B(11.584) + C(3.809) + D(10.824)] \\
 &= (108.741) - (29.569) = \mathbf{79.172 \text{ SQ.M.}}
 \end{aligned}$$



AREA DETAIL OF LIFT LOBBY:-

$$\begin{aligned}
 &= 4.49 \times 3.87 \\
 &= \mathbf{17.376 \text{ SQ.M.}}
 \end{aligned}$$

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

### AREA DETAIL OF FIRESCAPE STAIRCASE:-

$$\begin{aligned}
 &= [A(0.23 \times 1.608) + B(3.23 \times 1.73) + C(3.0 \times 3.458)] \\
 &= \mathbf{16.332 \text{ SQ.M.}}
 \end{aligned}$$

### AREA DETAIL OF MUMTY :-

$$\begin{aligned}
 &= (3.46 \times 6.303 \times 2) = \mathbf{43.617 \text{ SQ.M.}}
 \end{aligned}$$

### AREA DETAIL OF MACHINE ROOM:-

$$\begin{aligned}
 &= (4.49 \times 7.56) = \mathbf{33.944 \text{ SQ.M.}}
 \end{aligned}$$

### AREA DETAIL OF WATER TANK:-

$$\begin{aligned}
 &= (3.46 \times 6.303) = \mathbf{20.808 \text{ SQ.M.}}
 \end{aligned}$$

### CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-2+

$$\begin{aligned}
 &= (0.60 \times 1.545 \times 2) = \mathbf{1.854 \text{ SQ.M.}}
 \end{aligned}$$

### CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-3

$$\begin{aligned}
 &= (0.60 \times 1.545 \times 3) = \mathbf{2.781 \text{ SQ.M.}}
 \end{aligned}$$

### CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-3+

$$\begin{aligned}
 &= (0.60 \times 1.545 \times 3) = \mathbf{2.781 \text{ SQ.M.}}
 \end{aligned}$$

### CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-4

$$\begin{aligned}
 &= (0.60 \times 1.545 \times 3) = \mathbf{2.781 \text{ SQ.M.}}
 \end{aligned}$$

### DETAIL OF LIFT WELL AREA:-

$$\begin{aligned}
 &= (1.90 \times 3.0) + (1.90 \times 3.00) = \mathbf{11.40 \text{ SQ.M.}}
 \end{aligned}$$

### DETAIL OF LIFT LOBBY AREA:-

$$\begin{aligned}
 &= 4.49 \times 3.87 = \mathbf{17.376 \text{ SQ.M.}}
 \end{aligned}$$

### 15% EXTRA FAR AREA DETAIL ON GROUND FLOOR :-

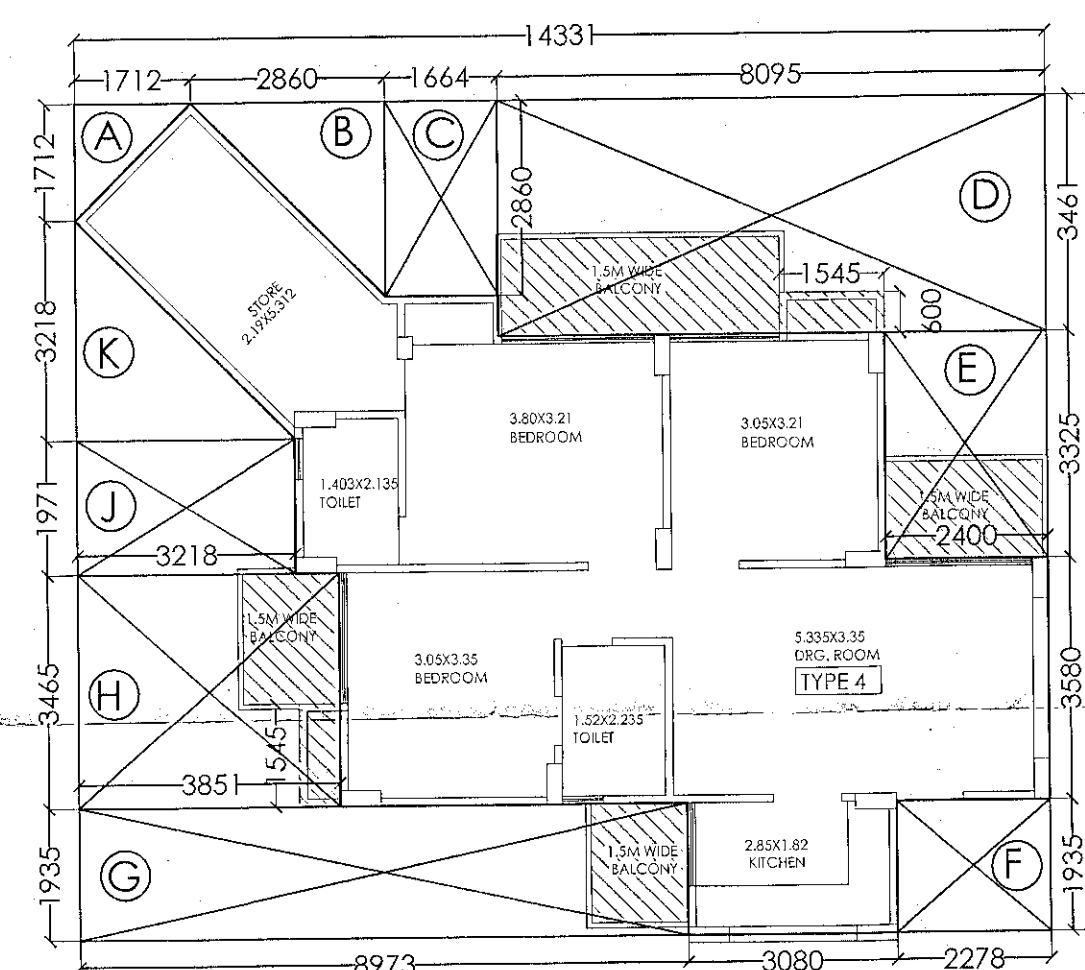
$$\begin{aligned}
 &= \text{FIRESCAPE STAIR} + \text{LIFT LOBBY} + \text{SERVICE SHAFT:-} \\
 &= 16.332 + 17.376 + 2.587 = \mathbf{36.295 \text{ SQ.M.}}
 \end{aligned}$$

### 15% EXTRA FAR AREA DETAIL ON ONE FLOOR (1ST TO 25TH) :-

$$\begin{aligned}
 &= \text{FIRESCAPE STAIR+CUP BOARD [(2+X1)+(3X1)+(3+X2)+(4X1)]} \\
 &+ \text{LIFT LOBBY+SERVICE SHAFT:-} \\
 &= 16.332 + [(2.781 \times 4) + (1.854) + 17.376 + 2.587] = \mathbf{49.273 \text{ SQ.M.}}
 \end{aligned}$$

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

$$\begin{aligned}
 &= \text{GROUND FLOOR} + \text{1ST FLOOR TO 25TH FLOOR} + \text{MUMTY} \\
 &+ \text{MACHINE ROOM} + \text{WATER TANK} \\
 &= 36.295 + (49.273 \times 25) + 43.617 + 33.944 + 20.808 \\
 &= \mathbf{1366.489 \text{ SQ.M.}}
 \end{aligned}$$



COVERED AREA DETAIL OF ONE UNIT TYPE-4:-

$$\begin{aligned}
 &= (14.331 \times 12.301) - [(A) + (B) + (C) + (D) + (E) + (F) + (G) + (H) + (J) + (K)] \\
 &= (176.286) - [A(0.5 \times 1.712 \times 1.712) + B(0.5 \times 2.86 \times 2.86) + C(1.664 \times 2.86) + D(8.095 \times 3.461) \\
 &+ E(3.325 \times 2.40) + F(1.935 \times 2.278) + G(8.973 \times 1.935) + H(3.851 \times 3.465) \\
 &+ J(3.218 \times 1.971) + K(0.5 \times 3.218 \times 3.218)] \\
 &= (176.286) - [A(1.465) + B(4.09) + C(4.759) + D(28.167) + E(7.98) + F(4.408) + G(17.363) \\
 &+ H(13.344) + J(6.343) + K(5.178)] \\
 &= (176.286) - (93.097) = \mathbf{83.189 \text{ SQ.M.}}
 \end{aligned}$$

## SCHEDULE OF DOOR & WINDOWS (Ping. & Arch.)

| S.NO. | TYPE | SIZE         | CILL. LVL. | FTL. LVL. |
|-------|------|--------------|------------|-----------|
| 1     | D    | 0.100 X 2.10 | 2.10 M.    | 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 MAPLE REALCON (P) LTD.  
 Managing Director  
 Authorised Signatory

## ARCHITECT'S SIGN

PANKAJ NATH ANDLEY  
 B.Arch A.I.A.  
 ARCHITECT CA/9924866

## SUBMISSION DRAWING

PROJECT:-  
**GROUP HOUSING FOR  
 MAPLE REALCON (P) LTD**  
 PLOT NO.-GH-1,  
 ADJOINING SECTOR TECHZONE- IV  
 SPORT CITY GREATER NOIDA (WEST)

DRG. TITLE:-  
**2ND, 3RD & 4TH FLOOR PLAN (TOWER 3 & 5)**

SCALE:-1:100  
 DLT.BY:-  
 DATE:-27/05/2015

ARCHITECTS:-  
 P. N. ANDLEY B.Arch. A.I.A.  
**ANDLEYS ASSOCIATES PVT. LTD.**  
 ARCHITECTS ENGINEERS PLANNERS  
 39 HOUSING SOCIETY N.D.S.E-1 NEW DELHI - 110049