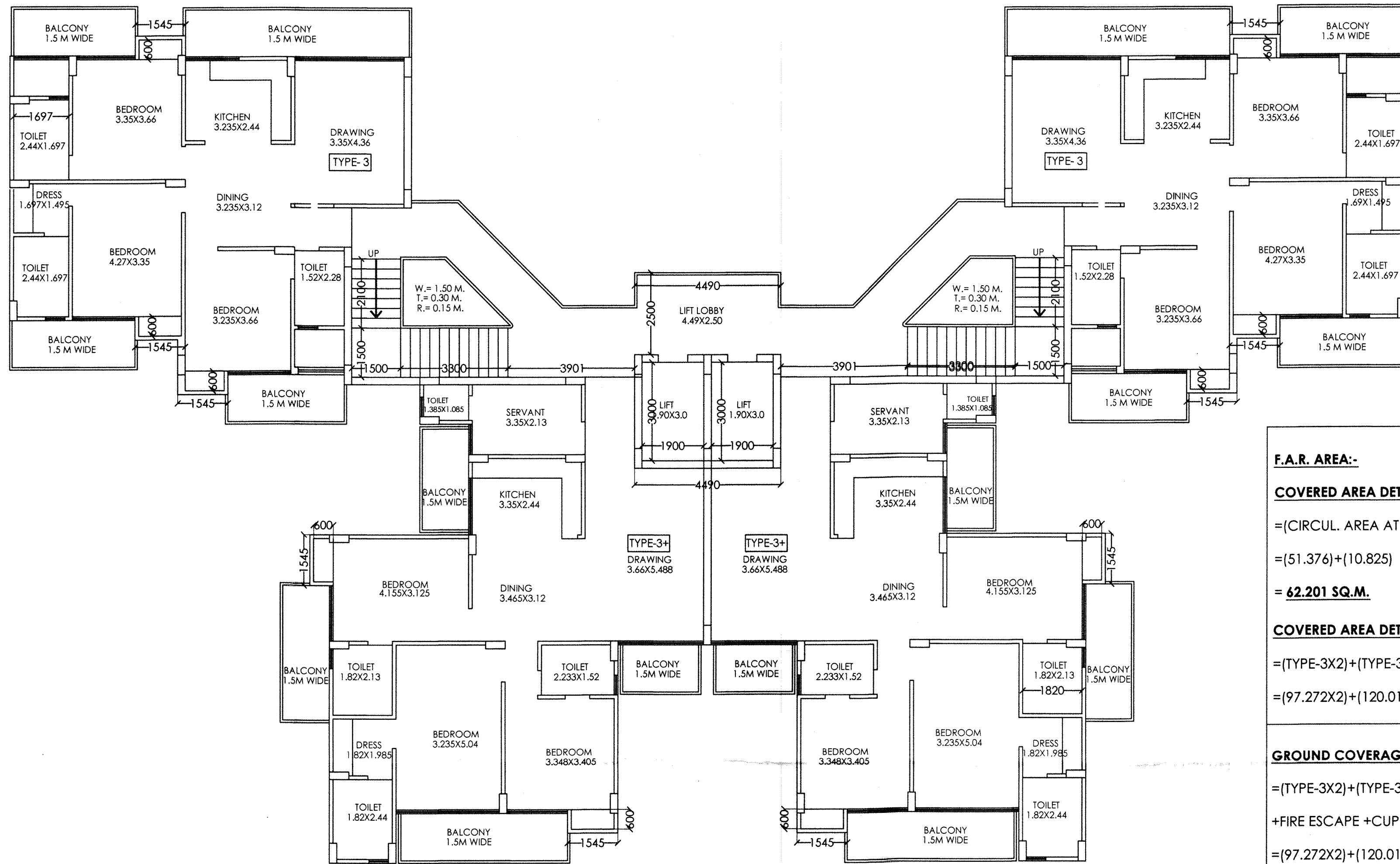
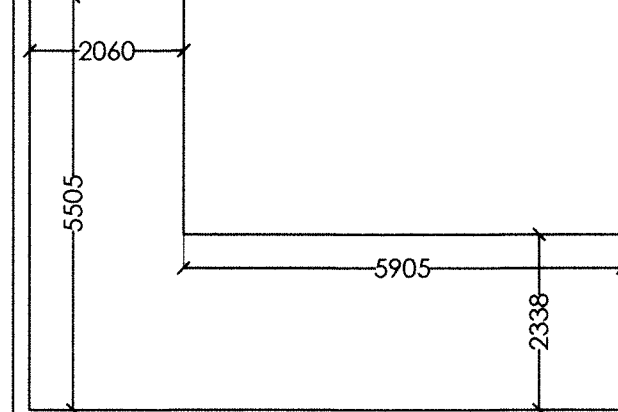




#### AREA DETAIL OF LIFT LOBBY:-

$$= (4.49 \times 2.50)$$

$$= 11.225 \text{ SQ.M.}$$



#### AREA DETAIL OF MUMTY:-

$$= (5.505 \times 2.06) + (5.905 \times 2.338)$$

$$= 25.146 \text{ SQ.M.}$$

#### F.A.R. AREA:-

##### COVERED AREA DETAIL ON GROUND FLOOR :-

$$= (\text{CIRCUL. AREA AT ONE FLOOR}) + \text{LIFT WELL:-}$$

$$= (51.376) + (10.825)$$

$$= 62.201 \text{ SQ.M.}$$

##### COVERED AREA DETAIL AT ONE FLOOR (1ST TO 20TH):-

$$= (\text{TYPE-3X2}) + (\text{TYPE-3+X2}) + (\text{CIRCULATION AREA AT ONE FLOOR}):-$$

$$= (97.272 \times 2) + (120.014 \times 2) + (51.376) = 485.948 \text{ SQ.M.}$$

##### GROUND COVERAGE FOR ONE TOWER-1 :-

$$= (\text{TYPE-3X2}) + (\text{TYPE-3+X2}) + (\text{CIRCUL. AREA}) + \text{LIFT LOBBY}$$

$$+ \text{FIRE ESCAPE} + \text{CUPBOARD} (3 \times 2 + 3 + \text{X}2):-$$

$$= (97.272 \times 2) + (120.014 \times 2) + (51.376) + (11.225) + (10.89) + (9.27)$$

$$= 517.333 \text{ SQ.M.}$$

#### 15% EXTRA F.A.R AREA CALCULATION FOR TOWER 3&4:-

##### AREA DETAIL OF FIRESCAPE STAIRCASE:-

$$= (3.96 \times 1.50) + (3.30 \times 1.50) = 10.89 \text{ SQ.M.}$$

##### AREA DETAIL OF MUMTY:-

$$= (5.505 \times 2.06) + (5.905 \times 2.338) \times 2 = 50.292 \text{ SQ.M.}$$

##### AREA DETAIL OF MACHINE ROOM:-

$$= (5.96 \times 4.49) = 26.76 \text{ SQ.M.}$$

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

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

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

$$(1.545 \times 0.6 \times 2) = 1.854 \text{ SQ.M.}$$

##### DETAIL OF LIFT WELL AREA:-

$$= (1.804 \times 3.0 \times 2) = 10.825 \text{ SQ.M.}$$

##### DETAIL OF LIFT LOBBY AREA:-

$$= 4.49 \times 2.50 = 11.225 \text{ SQ.M.}$$

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

$$= \text{FIRESCAPE STAIR} + \text{LIFT LOBBY:-}$$

$$= 10.89 + 11.225 = 22.115 \text{ SQ.M.}$$

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

$$= \text{FIRESCAPE STAIR} + \text{CUPBOARD} (3 \times 2 + 3 + \text{X}2) + \text{LIFT LOBBY:-}$$

$$= 10.89 + 9.27 + 11.225 = 31.385 \text{ SQ.M.}$$

##### 15% EXTRA FAR AREA DETAIL ON ONE FLOOR (2ND TO 18TH ) :-

$$= \text{FIRESCAPE STAIR} + \text{CUPBOARD} (3+) + \text{LIFT LOBBY:-}$$

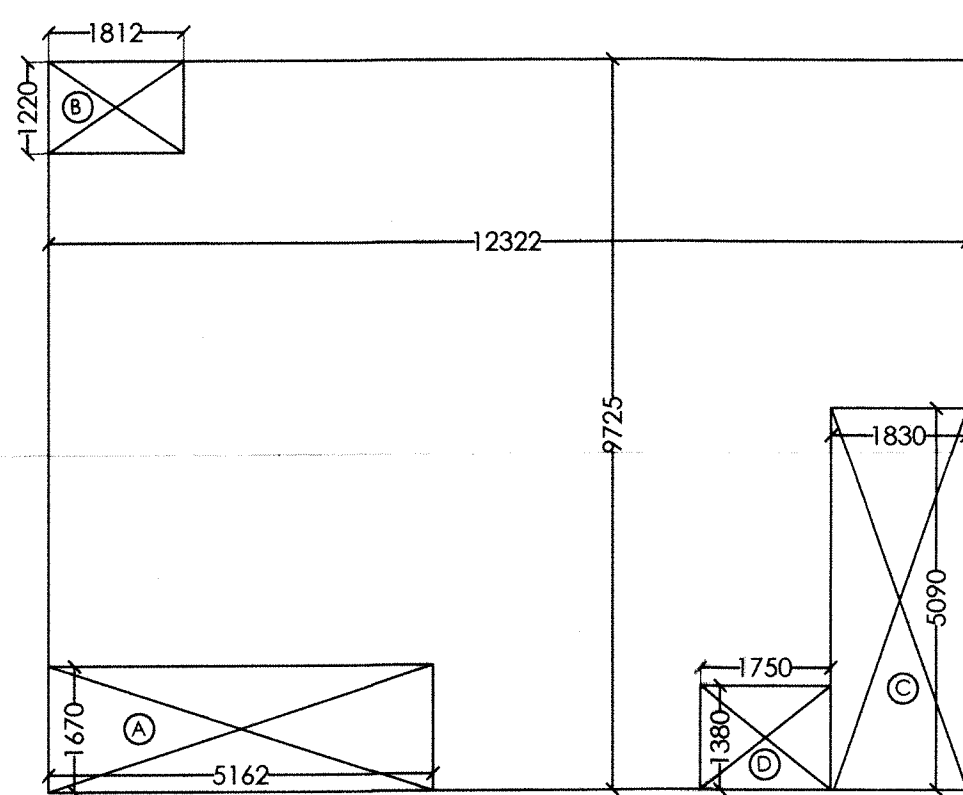
$$= 10.89 + 1.854 + 11.225 = 23.969 \text{ SQ.M.}$$

##### 15% EXTRA FAR AREA DETAIL ON ALL FLOOR OF TOWER-1 :-

$$= \text{GROUND FLOOR} + \text{1ST FLOOR} + \text{2ND} + \text{2ND TO 18TH FLOOR}$$

$$+ \text{MUMTY} + \text{MACHINE ROOM}$$

$$= 22.115 + 31.385 + (23.969 \times 17) + 50.292 + 26.76 = 538.025 \text{ SQ.M.}$$



UNIT PLAN TYPE-3 (SCALE:- 1:100)

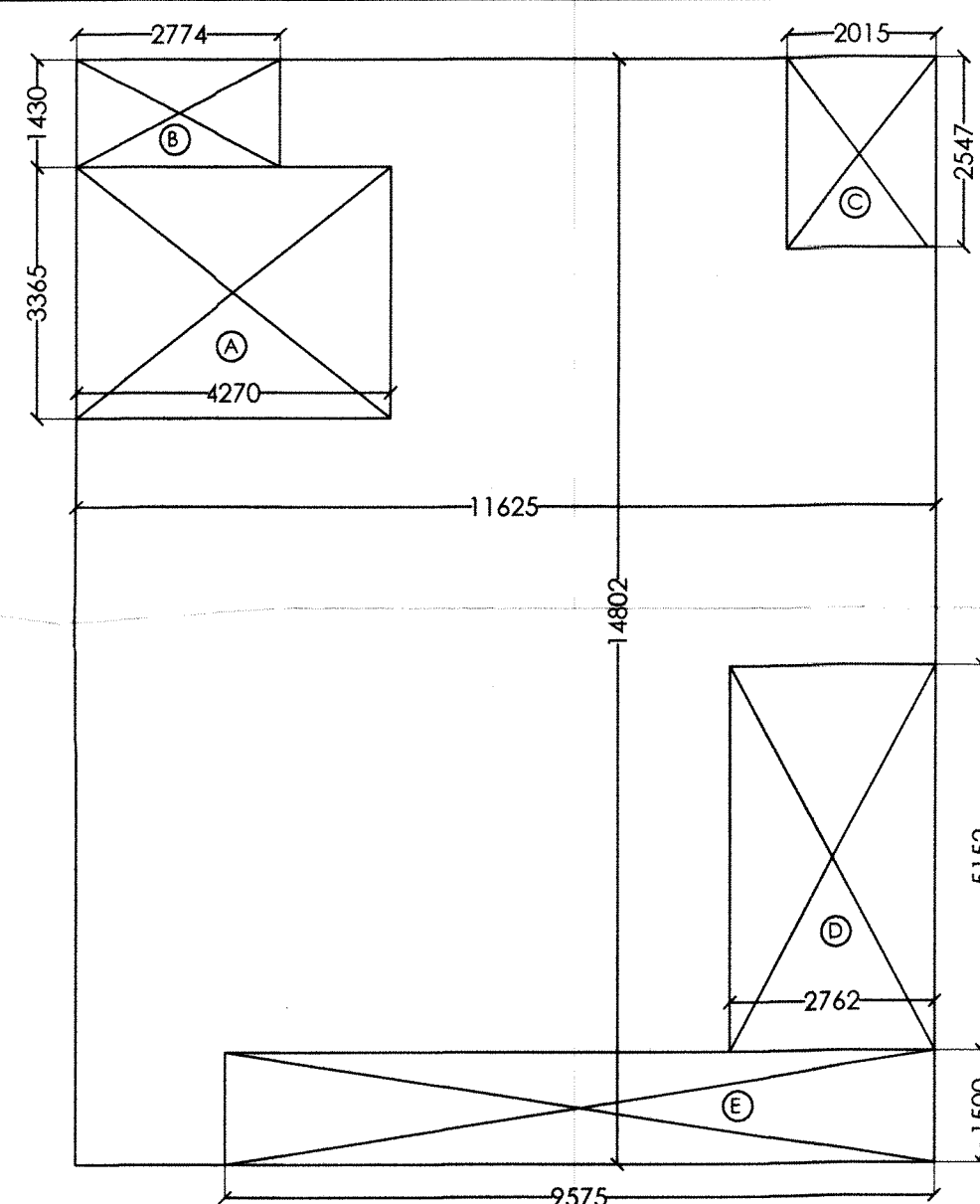
##### COVERED AREA DETAIL OF ONE UNIT TYPE-3

$$= (12.322 \times 9.725) - [(A) + (B) + (C) + (D)]$$

$$= (119.831) - A(5.162 \times 1.67) + B(1.83 \times 5.09) + C(1.83 \times 5.09) + D(1.75 \times 1.38)$$

$$= (119.831) - A(8.62) + B(2.21) + C(9.314) + D(2.415)$$

$$= (119.831) - (22.559) = 97.272 \text{ SQ.M.}$$



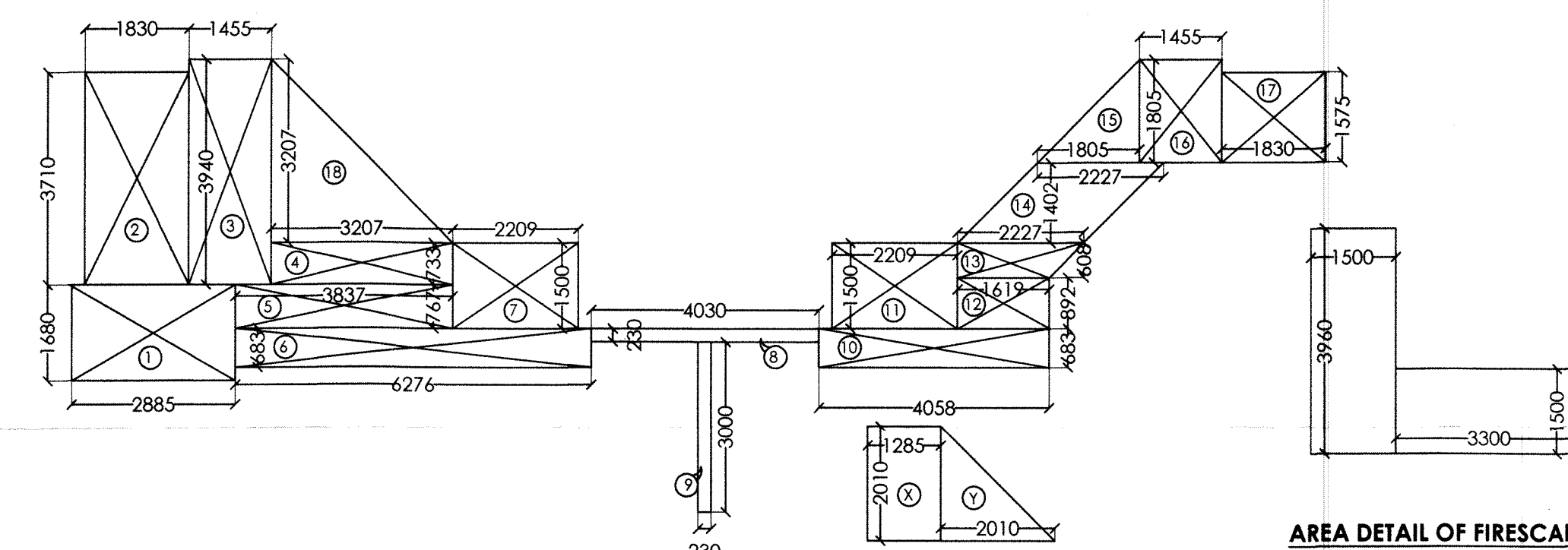
UNIT PLAN TYPE-3+ (SCALE:- 1:100)

##### COVERED AREA DETAIL OF ONE UNIT TYPE-3

$$= (11.625 \times 14.802) - [(A) + (B) + (C) + (D) + (E)]$$

$$= (172.073) - A(3.365 \times 4.27) + B(1.43 \times 2.774) + C(2.015 \times 2.547) + D(2.762 \times 5.152) + E(9.575 \times 1.50)$$

$$= (172.073) - A(14.368) + B(3.967) + C(5.132) + D(14.23) + E(14.362) = (172.073) - (52.059) = 120.014 \text{ SQ.M.}$$



##### COVERED AREA OF CIRCULATION AT ONE FLOOR:-

$$= [(1) + (2) + (3) + (4) + (5) + (6) + (7) + (8) + (9) + (10) + (11) + (12) + (13) + (14) + (15) + (16) + (17) + (18)]$$

$$- (X) - (Y):-$$

$$= 1(2.885 \times 1.68) + 2(3.71 \times 1.83) + 3(1.455 \times 3.94) + 4(3.207 \times 0.733) + 5(3.837 \times 0.767)$$

$$+ 6(6.276 \times 0.683) + 7(2.209 \times 1.5) + 8(4.03 \times 0.23) + 9(0.23 \times 3.0) + 10(4.058 \times 0.683)$$

$$+ 11(2.209 \times 1.50) + 12(1.619 \times 0.892) + 13(\frac{1}{2} \times (1.619 + 2.227) \times 0.608) + 14(\frac{1}{2} \times (2.227 + 2.227) \times 1.402)$$

$$+ 15(\frac{1}{2} \times 1.805 \times 1.805) + 16(1.805 \times 1.455) + 17(1.83 \times 1.575) + 18(\frac{1}{2} \times 3.207 \times 3.207) - X(2.01 \times 1.285) + Y(\frac{1}{2} \times 2.01 \times 2.01):-$$

$$= 1(4.847) + 2(6.79) + 3(5.732) + 4(2.351) + 5(2.943) + 6(4.286) + 7(3.313) + 8(0.927) + 9(0.69) + 10(2.772) + 11(3.314) + 12(1.444) + 13(1.169)$$

$$+ 14(3.122) + 15(1.629) + 16(2.626) + 17(2.882) + 18(5.142) - X(2.582) - Y(2.02):- = 51.376 \text{ SQ.M.}$$

##### AREA DETAIL OF FIRESCAPE STAIRCASE:-

$$= (3.96 \times 1.50) + (3.30 \times 1.50)$$

$$= 10.89 \text{ SQ.M.}$$

**SCHEDULE OF DOOR & WINDOWS**

| Sl. No. | Particulars | Quantity | Unit   |
|---------|-------------|----------|--------|
| 1       | D           | 0.75     | X 2.10 |
| 2       | D           | 1.00     | X 2.10 |
| 3       | DW          | 1.080    | X 2.45 |
| 4       | DW-2        | 1.885    | X 2.45 |
| 5       | DW-3        | 1.685    | X 2.45 |
| 6       | DW-4        | 3.040    | X 2.45 |
| 7       | DW-5        | 1.80     | X 2.45 |
| 8       | W           | 0.60     | X 1.40 |

Map for proposed Building is as per By-Laws, Submitted for approval please.

SIGNING AUTHORITY

Authorised Signatory  
For Consortium Infrastructure Pvt. Ltd.

ARCHITECT'S SIGN

H. A. I.  
ARCHITECT  
2006

#### SUBMISSION DRAWING

PROJECT:-  
PROPOSED GROUP HOUSING FOR  
M/S CONSORTIUM INFRASTRUCTURE PVT.LTD.  
AT PLOT NO. SC-01/B-3,  
AT SECTOR-150/NOIDA (U.P.)

DRG. TITLE:-  
FIRST FLOOR PLAN (TOWER-3&4)

SCALE:-1:100  
DRG. NO.:06  
DATE:-29/08/2013

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