

**F.A.R. AREA:-**

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

= (A2X2)(CIRCULATION AREA AT ONE FLOOR)+(LIFT WELL):-

= (50.091X2)+(42.571)+(7.22)

= 149.973 SQ.M.

**COVERED AREA DETAIL AT ONE FLOOR (1ST TO 22ND):-**

=(TYPE-A2X4)+(TYPE-A3X2)+(CIRCULATION AREA AT ONE FLOOR):-

=(50.091X4)+(52.343X2)+(42.571)

=(200.364)+(104.686)+(42.571) = 347.621 SQ.M.

**GROUND COVERAGE FOR ONE BLOCK :-**

=(TYPE-A2X4)+(TYPE-B3X2)+(CIRCULATION AREA AT ONE FLOOR)

+ (LIFT WELL AREA)+(LIFT LOBBY)+ FIRESCAPE STAIR+CUP BOARD(A2X4+A3X2):-

=(50.091X4)+(52.343X2)+(42.571)+(1.9X1.9X2)+(8.283)

+(12.597)+(1.575X4+1.854X2)

=(200.364)+(104.686)+(42.571)+(7.22)+(8.283)+(12.597)+(10.008)

= 385.729 SQ.M.

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

**AREA DETAIL OF FIRESCAPE STAIRCASE:-**

= 3.23 X 3.9 = 12.597 SQ.M.

**AREA DETAIL OF MUMTY :-**

= (3.46 X 5.475 X 2) = 37.887 SQ.M.

**AREA DETAIL OF MACHINE ROOM**

= (4.23 X 2.36X2)+(2.4X1.73)+(1.0X2.765)+(2.50X1.0)= 29.382 SQ.M.

**AREA DETAIL OF WATER TANK:-**

= 3.56 X 3.835 = 13.622 SQ.M.

**CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-A2**

(1.345X0.6)+(1.28X0.6) = 1.575 SQ.M.

**CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-A3**

(1.545X0.6X2) = 1.854 SQ.M.

**DETAIL OF LIFT WELL AREA:-**

(1.90 X 1.90X2) = 7.22 SQ.M.

**DETAIL OF LIFT LOBBY AREA:-**

(2.36X1.75X2) = 8.283 SQ.M.

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

= FIRESCAPE STAIR + LIFT LOBBY+CUP BOARD(A2X2)+ CUP BOARD(A3X2):-

= 12.597 + 8.283 + (1.575X2) + (1.854X2) = 27.738 SQ.M.

**15% EXTRA FAR AREA DETAIL AT ONE FLOOR (1ST TO 22ND) :-**

= FIRESCAPE STAIR + CUP BOARD(A2X4)+ CUP BOARD(A3X2)+ LIFT LOBBY:-

= 12.597 + (1.575X4) + (1.854X2) + 8.283 = 32.888 SQ.M.

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

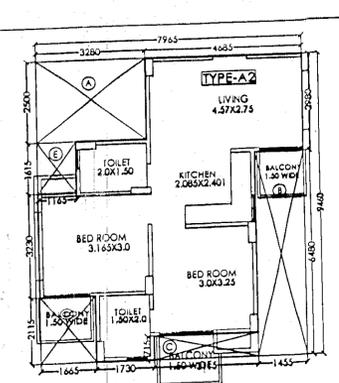
= GROUND FLOOR + 1ST FLOOR TO 22ND FLOOR + MUMTY +

MACHINE ROOM + WATER TANK

= 27.738+(30.888X2)+(37.887+29.382+13.622)

= 788.195 SQ.M.

SCHEDULE OF DOOR & WINDOWS				
S.NO.	TYPE	SIZE	CILL. LVL.	LTL. LVL.
1	D	0.90 X 2.10	-	2.10 M.
2	D	1.80 X 2.10	-	2.10
3	DW-1	0.80 X 2.50	-	2.50 ..
4	DW-2	1.200 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



UNIT PLAN TYPE-A2 (SCALE:- 1:100)

**COVERED AREA DETAIL OF ONE UNIT TYPE-A2**

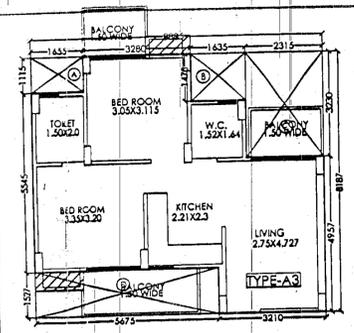
= (7.965X9.46) - [(A)+(B)+(C)+(D)+(E)]

= (75.348) - A(3.26X2.50) + B(1.455X6.48) + C(3.115X0.715)

+ D(1.665X2.115) + E(1.165X1.615)

= (75.348) - A(8.2) + B(9.428) + C(2.227) + D(3.521) + E(1.881)

= (75.348) - (25.257) = 50.091 SQ.M.



UNIT PLAN TYPE-A3 (SCALE:- 1:100)

**COVERED AREA DETAIL OF ONE UNIT TYPE-A3**

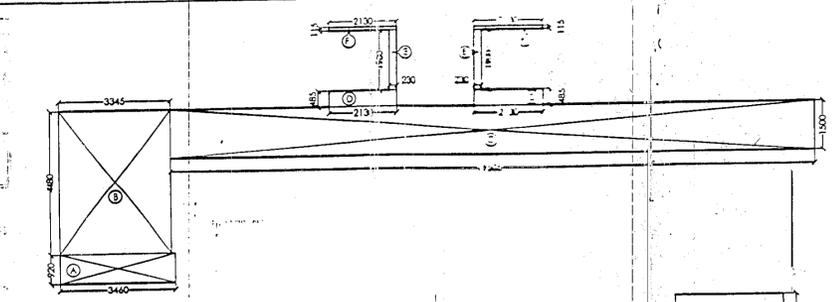
= (8.885X8.187) - [(A)+(B)+(C)+(D)]

= (72.741) - A(1.655X1.115) + B(1.635X1.475) + C(2.315X3.23)

+ D(5.675X1.527)

= (72.741) - A(1.845) + B(2.411) + C(7.477) + D(8.665)

= (72.741) - (20.398) = 52.343 SQ.M.



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

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

=(A)+(B)+(C)+(DX2)+(EX2)+(FX2)-(LIFT LOBBY):-

= A(3.46X0.92) + B(3.345X4.48) + C(19.505X1.5) + D(2.13X0.495X2) + E(0.874X1.9X2)

+ F(2.13X0.115X2) - (2.36X1.755X2) :-

= A(3.183) + B(14.985) + C(29.257) + D(2.066) + E(0.874) + F(0.489) - (8.283) :-

= 50.854 - 8.283 = 42.571 SQ.M.

**AREA DETAIL OF FIRESCAPE STAIRCASE:-**

= 3.23 X 3.9 = 12.597 SQ.M.

SIGNING AUTHORITY

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ARCHITECTS SIGN

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ARCHITECT/CA/75/1841

SUBMISSION DRAWING

PROJECT:-  
GROUP HOUSING FOR  
**JNC CONSTRUCTION (P) LTD.**  
PLOT NO.-1C, SECTOR-16 C AT  
GREATER NOIDA. (U.P.)

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

SCALE:- 1:100

DATE:- 18/05/2014

ARCHITECTS:-  
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