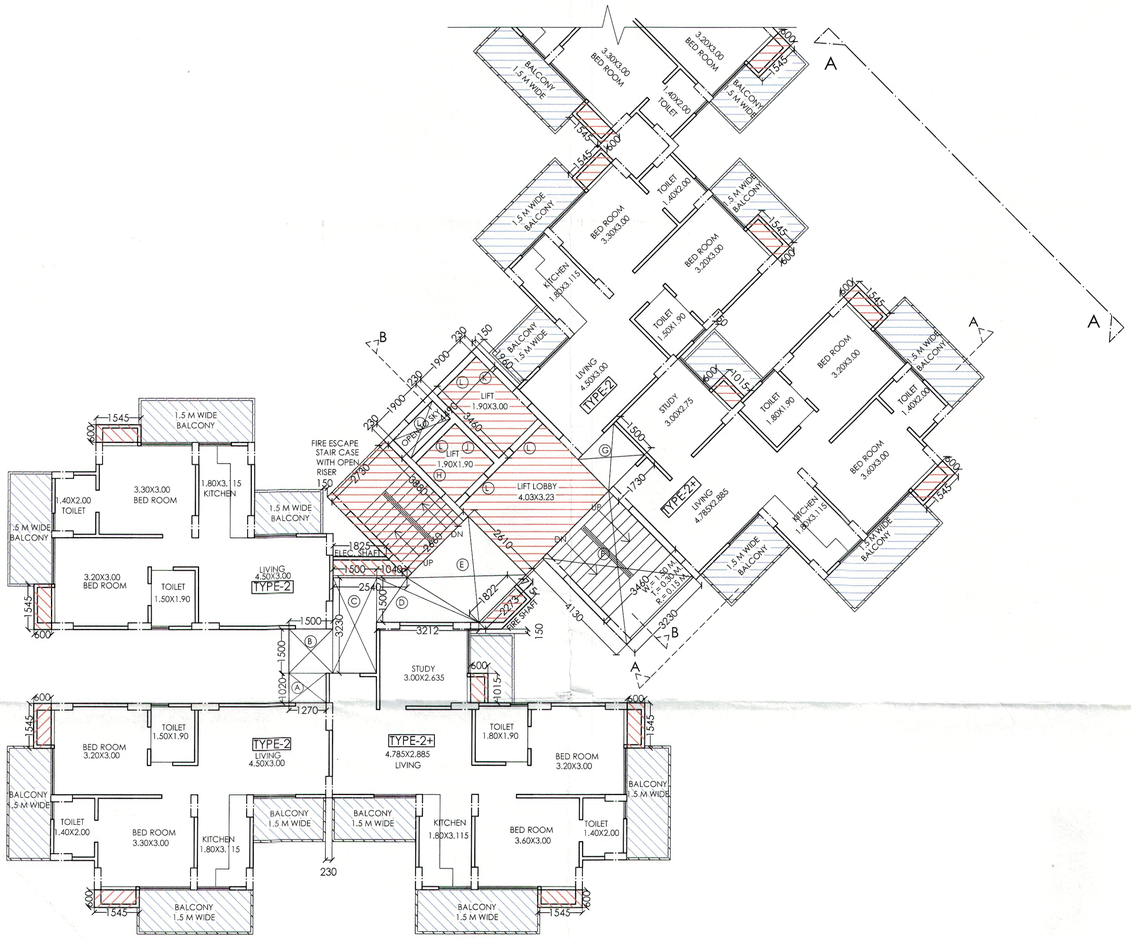
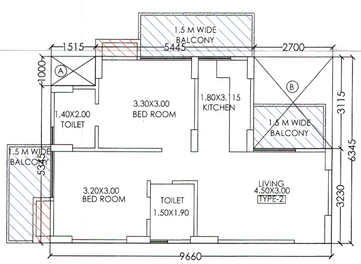


1ST TO 20TH FLOOR PLAN



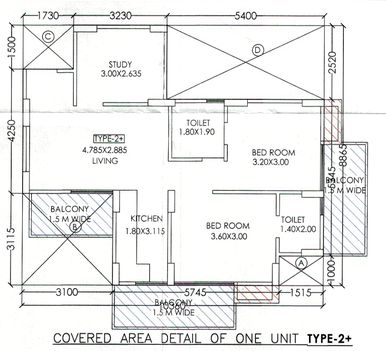
COVERED AREA DETAIL OF ONE UNIT **TYPE-2**

=(9.66X6.345)-[(A)+(B)]

=(61.292) - A(1.515X1.0)+B(2.70X3.115)

=(61.292) - A(1.515)+B(8.410)

=(61.292) - (9.925) = **51.367 SQ.M.**



COVERED AREA DETAIL OF ONE UNIT **TYPE-2+**

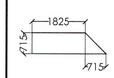
=(10.36X8.865)-[(A)+(B)+(C)+(D)]

=(91.841) - A(1.515X1.0)+B(3.10X3.115)+C(1.73X1.5)

+D(5.40X2.52)

=(91.841) - A(1.515)+B(9.656)+C(2.595)+D(13.608)

=(91.841) - (27.374) = **64.467 SQ.M.**



AREA OF SERVICE SHAFT

=(1.825X0.715)+(0.5x0.715x0.715) = **1.56 SQ.M.**

AREA OF SERVICE SHAFT

=(0.5X0.781X0.23)+(0.5X0.39X0.715)

+(1.433x0.715)

= **(0.089+0.139+1.024)** **= 1.252 SQ.M.**

F.A.R. AREA:-

COVERED AREA DETAIL ON GROUND FLOOR :-

=(CIRCUL. AREA AT ONE FLOOR)+(TYPE-2)+(TYPE-2+)+ LIFT WELL +AREA OF JUNCTION:-

=(38.273)+(51.367)+(64.467)+(9.31)+(0.92)

= **164.337 SQ.M.**

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

=(TYPE-2X3)+(TYPE-2+X2)+(CIRCUL. AREA)+(AREA OF JUNCTION):-

=(51.367X3)+(64.467X2)+(38.273)+(0.92) = **322.228 SQ.M.**

COVERED AREA DETAIL AT ONE FLOOR (21ST):-

=(TYPE 2)+(TYPE-2+X2)+(CIRCUL. AREA)+(AREA OF JUNCTION):-

=(51.367)+(64.467X2)+(38.273)+(0.92) = **219.494 SQ.M.**

STILT AREA OF TOWER- 3 & 4 :-

=(TYPE-2X2)+(TYPE-2+):-

=(51.367X2)+(64.467)

= **167.201 SQ.M.**

GROUND COVERAGE FOR ONE TOWER-3 & 4 :-

=(TYPE-2X3)+(TYPE-2+X2)+(CIRCUL. AREA)

+(LIFT WELL AREA)+LIFT LOBBY+FIRE ESCAPE+CUPBD.(2X3+2+X2)

+(AREA OF JUNCTION):-

=(51.367X3)+(64.467X2)+(39.272)+(9.31)+(13.016)

+(10.595)+(10.488) +(0.92) = **366.636 SQ.M.**

◇

AREA OF JUNCTION

= **0.92 SQ.M.**

15% EXTRA F.A.R AREA CALCULATION FOR TOWER 1:-

AREA DETAIL OF FIRESCAPE STAIRCASE:-

=(2.73X3.881)**= 10.595 SQ.M.**

AREA DETAIL OF MUMTY:-

=(5.19X2.73)+(5.86X3.46)

= 34.444 SQ.M.

AREA DETAIL OF MACHINE ROOM:-

= (4.49X4.96) = **22.270 SQ.M.**

AREA DETAIL OF WATER TANK:-

= (4.70X2.885X2) = **27.119 SQ.M.**

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-2

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

CUPBOARD AREA DETAIL FOR ONE UNIT TYPE-2+

(1.545X0.6X2)+(1.015X0.6) = **2.463 SQ.M.**

DETAIL OF LIFT WELL AREA:-

=(1.9X3.0)+(1.9X1.9) = **9.31 SQ.M.**

15% EXTRA F.A.R AREA CALCULATION FOR TOWER 1:-

AREA DETAIL OF LIFT LOBBY:-

= 4.03 X 3.23 = **13.016 SQ.M.**

15% EXTRA FAR AREA DETAIL ON GROUND FLOOR :-

= FIRESCAPE STAIR + LIFT LOBBY + CUPBOARD[(2)+(2+)]+SHAFT:-

= 10.595 + 13.016 + 4.317+1.56+1.252 = **30.74 SQ.M.**

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

= FIRESCAPE STAIR + CUPBOARD(2X3+2+X2)+ LIFT LOBBY+SHAFT:-

= 10.595 + 10.488 + 13.016+1.56+1.252 = **36.911 SQ.M.**

15% EXTRA FAR AREA DETAIL ON ONE FLOOR (21ST) :-

= FIRESCAPE STAIR + CUPBOARD[(2)+(2+X2)]+ LIFT LOBBY+SHAFT:-

= 10.595 + 6.78 + 13.016+1.56+1.252 = **33.203 SQ.M.**

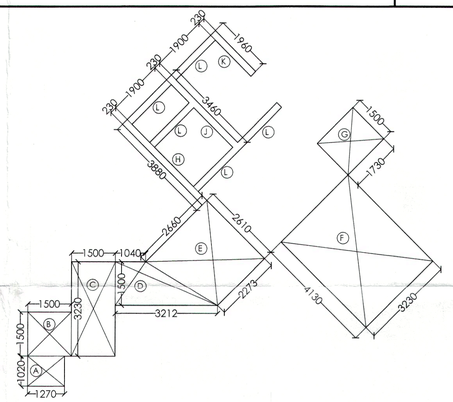
15% EXTRA FAR AREA DETAIL ON ALL FLOOR OF TOWER-1 :-

= GROUND FLOOR + 1ST TO 20TH FLOOR +21ST FLOOR +MUMTY +MACHINE ROOM

+ WATER TANK

= 30.74+(36.911X20)+33.203+34.444+22.270+27.119

= **885.996 SQ.M.**



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

COVERED AREA OF CIRCULATION AT ONE FLOOR:-

=(A)+(B)+(C)+(D)+(E)+(F)+(G)+(H)+(J)+(K)+(LX5):-

=A(1.27X1.02)+B(1.5X1.5)+C(1.5X3.23)+D[(1.04+3.212)/2X1.5]

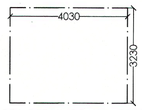
+E[(2.273+2.66)/2X2.61]+F(3.23X4.13)+G(1.73X1.5)+H(0.23X3.88)

+J(0.23X3.46)+K(0.23X1.96)+L(1.9X0.23X5) :-

=A(1.295)+B(2.25)+C(4.845)+D(3.189)+E(6.438)+F(13.339)+G(2.595)

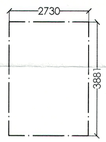
+H(0.892)+J(0.795)+K(0.45)+L(2.185):-

= **38.273 SQ.M.**



AREA DETAIL OF LIFT LOBBY:-

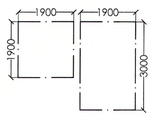
= 4.03 X 3.23 = **13.016 SQ.M.**



AREA DETAIL OF FIRESCAPE STAIRCASE:-

=(2.73X3.881)

= 10.595 SQ.M.



AREA DETAIL OF LIFT WELL:-

= (1.9X3.0)+(1.9X1.9) = **9.31 SQ.M.**

SCHEDULE OF DOOR & WINDOWS

S.NO.	TYPE	SIZE	CILL LVL.	LTL. LVL.
1	D	0.75 X 2.10		2.10 M.
2	D-1	1.00 X 2.10		2.10 ,,
3	DW	1.080 X 2.45	-	2.45 ,,
4	DW-4	3.040 X 2.45	-	2.45 ,,
5	DW-5	1.80 X 2.45	-	2.45 ,,
6	W	0.60 X 1.40	1.05	2.45 ,,

Bldg. Plan Sanctioned by Industrial Dev. Auth. APPROVED Vide Letter No. 3498 Dated 30/12/2015 Valid up to Dated 5 years D.G.M. (Plng. & Arch.) Gen. Manager (Plng. & Arch.) Asstt. Arch. S.M. (Plng.)

SIGNING AUTHORITY

For Angels Infraheight Pvt. Ltd.

Authorised Signatory

ARCHITECT'S SIGN

PANKAJ NATH ANDLEY B.ARCH A.I.I.A. ARCHITECT CA/99/24886

REVISED SUBMISSION DRAWING

PROJECT:-

PROPOSED GROUP HOUSING FOR

M/ s **ANGELS INFRA HEIGHT (P) LTD.**

AT PLOT NO. 3E, SECTOR-16C,

GREATER NOIDA (U.P.)

DRG. TITLE:-

1ST TO 20TH FLOOR PLAN (TOWER-3 & 4)

SCALE:-1:100	DRG. NO.:09
DLT.BY.:-	DATE:-27/11/2014

ARCHITECTS:-

P. N. ANDLEY B.ARCH. A.I.I.A.

ANDLEYS ASSOCIATES PVT. LTD.

ARCHITECTS ENGINEERS PLANNERS

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