TOTAL FAR AREA OF TOWER-I AT GROUND FLOOR=2X STUDIO-02 + 3 BED + 3 BED STUDY + GROUND FL. CORE
=2X64.40+108.981+119.675+107.168= 464.622 SQMT.
TOTAL FAR AREA OF TOWER-I AT 1ST TO 21ST FL.=2 X2 BED STUDY + 3 BED + 3BED STUDY + TYPICAL CORE=
=2X87.153 + 108.981+119.675+31.712 = 440.674 SQMT.

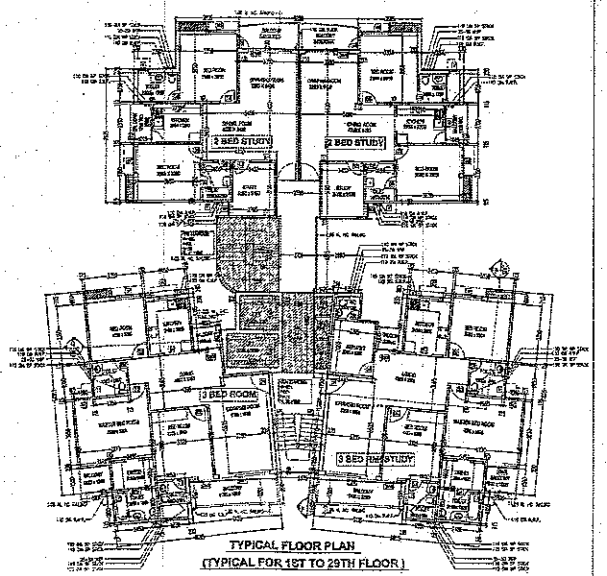
TOTAL GROUND. COVD. AREA OF TOWER-I= 2 X STUDIO-02 + 3 BED + 3 BED STUDY + GR CORE=
= 2 X 67.34 + 121.919 + 132.425 + 122.766 = 511.79 SQMT.

B - 3.810 X 2.200 = 8.382 Sq.M.
C - 5.259 X 2.300 = 12.096 Sq.M.
D - 5.259 X 2.300 = 12.096 Sq.M.
E - 5.240 X 1.350 = 12.153 Sq.M.
F - 5.015 X 1.830 = 9.804 Sq.M.
G - 2.365 X 0.880 = 1.772 Sq.M.
H - 2.765 X 2.570 = 7.103 Sq.M.
TOTAL = 64.306 Sq.M.
BALCONY-01 = 0.25 X 2.57 = 0.64 Sq.M.

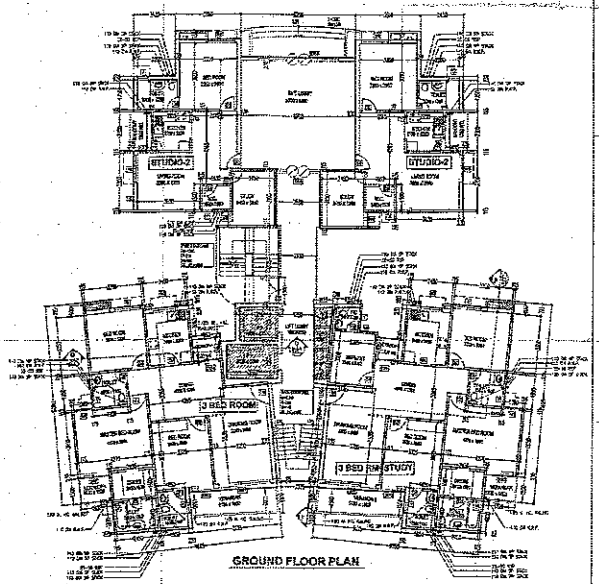
1.5 MT. BALCONY AREA AT GR. FL.
B - 1.0 X 2.94 = 2.94 Sq.M.
TOTAL = 2.94 SQMT.

TOTAL GROUND. COVD. AREA OF STUDIO-2
=64.40+ 2.94 = 67.34 SQMT.

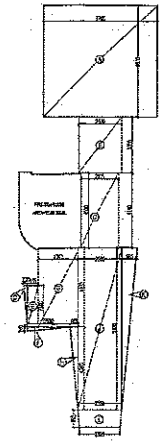
TOTAL F A R AREA OF STUDIO-2 = 64.40 SQMT.



TYPICAL FLOOR PLAN
(TYPICAL FOR 1ST TO 29TH FLOOR)



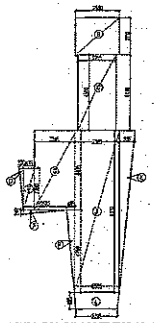
GROUND FLOOR PLAN



AREA DIAGRAM GROUND CORE

A - 6.700 X 6.639 = 44.491 Sq.M.
B - 2.630 X 3.595 = 9.455 Sq.M.
C - 2.215 X 4.00 = 8.860 Sq.M.
D - 1/2 X 0.230 X 2.380 = 0.273 Sq.M.
E - 0.835 X 2.500 = 1.571 Sq.M.
F - 1/2 X 2.000 X 0.240 = 0.120 Sq.M.
G - 2.345 X 4.435 = 10.400 Sq.M.
H - 1/2 X 0.465 X 4.760 = 1.153 Sq.M.
J - 2.690 X 9.000 = 24.045 Sq.M.
K - 1/2 X 0.595 X 3.520 = 4.124 Sq.M.
L - 2.585+2.350/2 X 0.952 = 2.48 Sq.M.

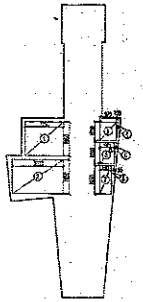
TOTAL =107.168 Sq.M.



AREA DIAGRAM TYPICAL CORE

B - 2.530 X 2.21 = 5.592 Sq.M.
C - 2.215 X 4.01 = 8.884 Sq.M.
D - 1/2 X 0.930 X 2.340 = 0.272 Sq.M.
E - 0.835 X 2.300 = 1.911 Sq.M.
F - 1/2 X 2.520 X 0.740 = 0.932 Sq.M.
G - 2.345 X 4.435 = 10.400 Sq.M.
H - 1/2 X 2.465 X 4.760 = 5.863 Sq.M.
J - 2.690 X 9.000 = 24.045 Sq.M.
K - 1/2 X 0.865 X 0.320 = 4.124 Sq.M.
L - 2.585+2.350/2 X 0.952 = 2.48 Sq.M.

TOTAL =68.945 Sq.M.

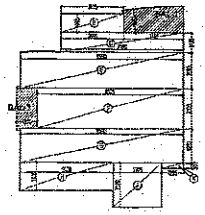


TYPICAL CORE DEDUCTIONS

1 - 2.230 X 1.950 = 4.347 Sq.M.
2 - 3.00 X 1.950 = 5.850 Sq.M.
3 - 0.870 X 1.000 = 1.010 Sq.M.
4 - 1/2 X 0.100 X 1.050 = 0.052 Sq.M.
5 - 0.842 X 1.200 = 1.014 Sq.M.
6 - 1/2 X 0.119 X 1.050 = 0.062 Sq.M.
7 - 0.835 X 1.650 = 1.123 Sq.M.
8 - 1/2 X 0.165 X 1.550 = 0.127 Sq.M.

TOTAL = 13.938 Sq.M.

NET AREA OF GROUND CORE FOR D.C. = 107.168 + FIRE STAIR=
= 107.168+15.00 = 122.704 SQMT.
NET FAR AREA OF GROUND CORE= 122.168 SQMT.
NET FAR AREA OF TYPICAL CORE= TOTAL AREA - DEDUCTIONS + 1.25 X4 SHAFT
= 68.945 - 13.938+4.00 = 31.712 SQMT.

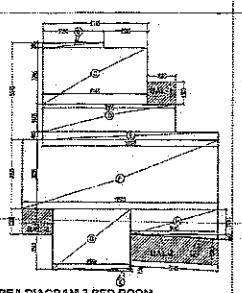


AREA DIAGRAM 2 BED STUDY

B - 3.695 X 1.055 = 3.896 Sq.M.
D - 7.550 X 1.155 = 8.127 Sq.M.
E - 8.140 X 2.695 = 20.361 Sq.M.
F - 5.015 X 2.500 = 19.723 Sq.M.
G - 5.500 X 1.850 = 10.175 Sq.M.
H - 5.50 X 1.850 = 9.014 Sq.M.
J - 2.765 X 2.570 = 7.103 Sq.M.
K - 1.265 X 0.300 = 0.379 Sq.M.

TOTAL = 87.153 Sq.M.

NET FAR AREA OF 2 BED STUDY = 87.153



AREA DIAGRAM 3 BED ROOM

B - 3.890 X 0.265 = 1.030 Sq.M.
C - 6.145 X 3.295 = 20.248 Sq.M.
D - 7.605 X 1.605 = 12.205 Sq.M.
E - 10.140 X 0.420 = 4.259 Sq.M.
F - 11.500 X 3.995 = 45.925 Sq.M.
G - 4.500 X 3.515 = 15.818 Sq.M.
H - 5.140 X 1.460 = 7.504 Sq.M.
J - 1/2 X 5.140 X 0.290 = 0.745 Sq.M.
K - 1/2 X 4.500 X 0.120 = 0.270 Sq.M.

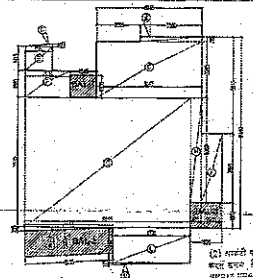
TOTAL = 108.981 Sq.M.

1.50 MT. BALCONY AREA AT GR. FL.
BALCONY-1 - 1.560 X 1.50 = 2.340 Sq.M.
BALCONY-2 - 5.145 X 1.50 = 7.718 Sq.M.
BALCONY-3 - 1.82 X 1.50 = 2.730 Sq.M.
TOTAL = 12.938 Sq.M.

TOTAL GROUND. COVD. AREA OF 3 BED ROOM=
=108.981 + 12.938 = 121.919 SQMT.

TOTAL F A R AREA OF 3 BED ROOM=108.981 SQMT.

TOTAL F A R AREA OF 3 BED ROOM=108.981 SQMT.



AREA DIAGRAM 3 BED WITH STUDY

B - 3.890 X 0.265 = 1.030 Sq.M.
C - 6.145 X 3.295 = 20.248 Sq.M.
D - 12.X 1.520 X 0.105 = 0.121 Sq.M.
E - 1.599 X 1.416 = 2.265 Sq.M.
F - 2.630 X 1.580 = 4.100 Sq.M.
G - 9.695 X 7.535 = 73.062 Sq.M.
H - 0.615 X 9.080 = 5.777 Sq.M.
J - 1.265 X 3.985 = 5.014 Sq.M.
K - 1/2 X 5.125 X 0.295 = 0.755 Sq.M.
L - 4.570 X 2.64 = 5.328 Sq.M.
M - 1/2 X 4.570 X 0.115 = 0.262 Sq.M.

TOTAL = 119.675 Sq.M.

1.5 MT. BALCONY AREA AT GR. FL.
BALCONY-1 - 1.545 X 1.50 = 2.318 Sq.M.
BALCONY-2 - 5.135 X 1.50 = 7.702 Sq.M.
BALCONY-3 - 1.82 X 1.50 = 2.73 Sq.M.
TOTAL = 12.75 Sq.M.

TOTAL GROUND. COVD. AREA OF 3 BED STUDY=
=119.675 + 12.75 = 132.425 SQMT.

TOTAL F A R AREA OF 3 BED STUDY= 119.675 SQMT.

TOTAL F A R AREA OF 3 BED STUDY= 119.675 SQMT.

ENGINEER'S SIGN

ARCHITECTS
SPACE COMBINE
ARCHITECTS, PLANNERS, ENGINEERS & PROJECT MANAGEMENT CONSULT.
A1/112, 2ND FLOOR,
SAFDARJUNG ENCLAVE, NEW DELHI-29.
PH-46150000,

SHEET TITLE :
TOWER - I
(3 BED ROOM + 3 BED WITH STUDY)
& (2 BED ROOM + STUDY)
GROUND & TYPICAL FLOOR PLAN AND
AREA CALCULATION)

SCALE : 1:100 DRG. NO.- A-20 A

DEALT BY : SHIVI

OWNER :
GREAT VALUE PROJECTS
INDIA LTD.

ARCHITECT'S SIGN
OWNER'S SIGN

PROJECT:
PROPOSED GROUP HOUSING AT PLOT NO-GH-02, SECTOR-107 NOIDA (U.P.)