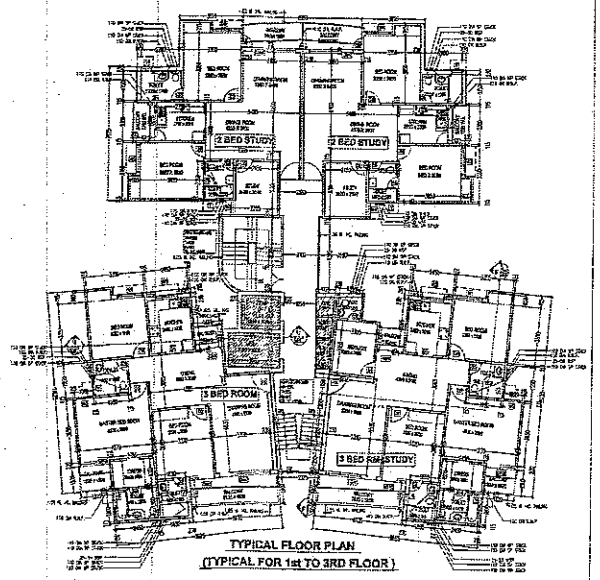
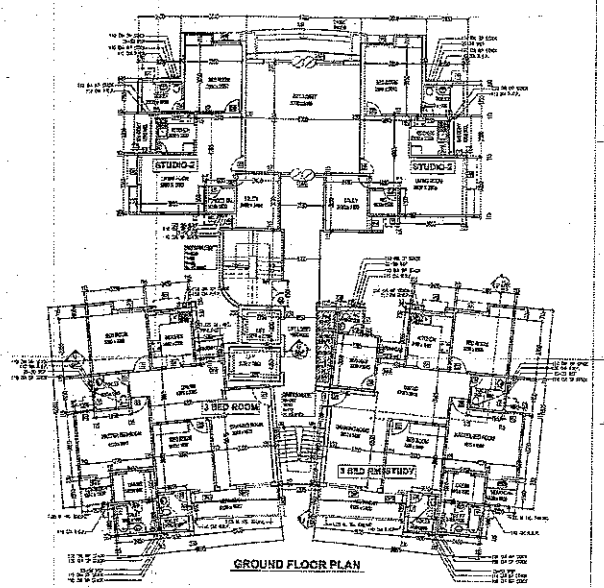


TYPICAL FLOOR PLAN
(TYPICAL FOR 1st TO 3RD FLOOR)

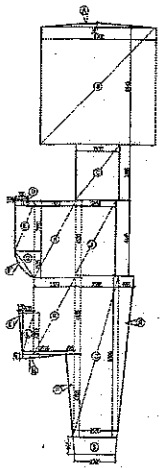


GROUND FLOOR PLAN

TOTAL FAR AREA OF TOWER-C AT GROUND FLOOR=2X STUDIO-02 + 3 BED + 3 BED STUDY+ GROUND FL. CORE
=2X58.892+111.38+121.801+126.26= 491.225 SQMT.

TOTAL FAR AREA OF TOWER-C AT 1ST TO 3RD FL.=2 X2 BED STUDY + 3 BED + 3BED STUDY + TYPICAL CORE=
=2X29.515 + 111.38+121.801+61.915 = 474.594 SQMT.

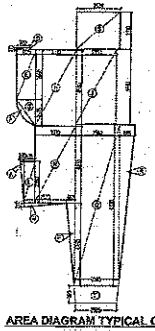
TOTAL GROUND. COVD. AREA OF TOWER-C = 2 X STUDIO-02 + 3 BED + 3 BED STUDY + GR CORE=
= 2 X 58.252 + 123.73 + 134.024 + 126.26 = 320.518 SQMT.



AREA DIAGRAM GROUND CORE

A - 1/2 X 9.700 X 0.240 = 0.864 Sq.M.
B - 9.700 X 6.040 = 46.588 Sq.M.
C - 2.290 X 3.855 = 8.994 Sq.M.
D - 2.750 X 0.115 = 0.316 Sq.M.
E - 1.125 X 2.900 = 3.263 Sq.M.
F - 2.290 X (1.725-1.865) (1.725-0.280) /2 = 0.375 Sq.M.
G - 1/2 X 1.125 X 1.035 = 0.583 Sq.M.
H - 2.275 X 4.805 = 10.555 Sq.M.
J - 2.350 X 4.440 = 10.434 Sq.M.
K - 1/2 X 0.730 X 2.350 = 0.856 Sq.M.
L - 0.535 X 2.350 = 1.511 Sq.M.
M - 1/2 X 2.530 X 0.240 = 0.302 Sq.M.
N - 2.370 X 4.435 = 10.510 Sq.M.
P - 1/2 X 0.485 X 4.700 = 1.138 Sq.M.
Q - 2.560 X 9.320 = 23.859 Sq.M.
R - 1/2 X 0.935 X 8.320 = 4.194 Sq.M.
S - 2.565+2.355X0.95/2 = 2.46 Sq.M.

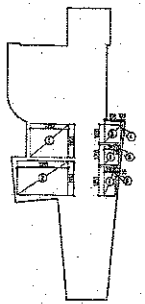
TOTAL = 129.25 Sq.M.



AREA DIAGRAM TYPICAL CORE
(1st TO 3RD FLOOR)

D - 0.750 X 0.115 = 0.086 Sq.M.
E - 1.125 X 2.850 = 3.206 Sq.M.
F - 2.925X(1.725-1.865) (1.725-0.280) /2 = 0.378 Sq.M.
G - 1/2 X 1.125 X 1.035 = 0.583 Sq.M.
H - 2.275 X 4.805 = 10.935 Sq.M.
J - 2.350 X 4.440 = 10.434 Sq.M.
K - 1/2 X 0.730 X 2.350 = 0.856 Sq.M.
L - 0.535 X 2.350 = 1.511 Sq.M.
M - 1/2 X 2.530 X 0.240 = 0.302 Sq.M.
N - 2.370 X 4.435 = 10.510 Sq.M.
P - 1/2 X 0.485 X 4.700 = 1.138 Sq.M.
Q - 2.560 X 9.320 = 23.859 Sq.M.
R - 1/2 X 0.935 X 8.320 = 4.194 Sq.M.
S - 2.530 X 2.210 = 5.591 Sq.M.
T - 2.565+2.355X0.95/2 = 2.46 Sq.M.

TOTAL = 75.551 Sq.M.

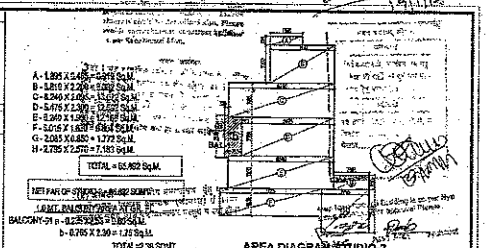


TYPICAL CORE DEDUCTIONS
(1st TO 3RD FLOOR)

1 - 2.250 X 1.950 = 4.387 Sq.M.
2 - 3.00 X 1.950 = 5.850 Sq.M.
3 - 0.520 X 1.950 = 1.014 Sq.M.
4 - 1/2 X 0.100 X 1.950 = 0.098 Sq.M.
5 - 0.615 X 1.200 = 1.014 Sq.M.
6 - 1/2 X 0.110 X 1.200 = 0.066 Sq.M.
7 - 0.830 X 1.200 = 1.192 Sq.M.
8 - 1/2 X 0.165 X 1.200 = 0.127 Sq.M.

TOTAL = 13.836 Sq.M.

NET FAR AREA OF GROUND CORE= 129.25 SQMT.
NET FAR AREA OF TYPICAL CORE= TOTAL AREA - DEDUCTIONS
= 75.551 - 13.836 = 61.915 SQMT.



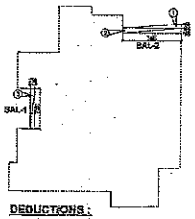
A - 1.895 X 0.485 = 0.919 Sq.M.
B - 1.810 X 2.000 = 3.620 Sq.M.
C - 8.240 X 1.000 = 8.240 Sq.M.
D - 5.475 X 2.300 = 12.593 Sq.M.
E - 5.900 X 1.900 = 12.210 Sq.M.
F - 5.015 X 1.800 = 9.027 Sq.M.
G - 2.015 X 0.850 = 1.772 Sq.M.
H - 2.785 X 2.570 = 7.158 Sq.M.

TOTAL = 65.892 Sq.M.

NET FAR OF STUDIO-2 = 65.892 SQMT.
LGMT. BALCONY AREA AT GR. FL.
BALCONY-01 a - 0.235 X 1.20 = 0.282 Sq.M.
b - 0.765 X 2.30 = 1.759 Sq.M.
TOTAL=2.36 SQMT.

AREA DIAGRAM STUDIO-2

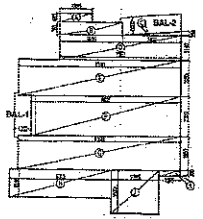
TOTAL GROUND. COVD. AREA OF STUDIO-2
=65.892+ 2.36 = 68.252 SQMT.



DEDUCTIONS :

1 - 1/2 X 3.465 X 0.250 = 0.433 Sq.M.
2 - 3.465 X 0.300 = 1.039 Sq.M.
3 - 0.250 X 2.300 = 0.575 Sq.M.

TOTAL = 2.047 Sq.M.

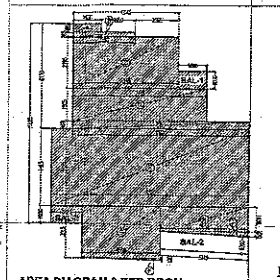


AREA DIAGRAM 2 BED STUDY

A - 1.895 X 0.485 = 0.919 Sq.M.
B - 3.685 X 0.750 = 2.826 Sq.M.
C - 1/2 X 3.465 X 0.250 = 0.433 Sq.M.
D - 7.100 X 1.440 = 10.310 Sq.M.
E - 8.530 X 2.256 = 20.161 Sq.M.
F - 8.625 X 2.300 = 20.287 Sq.M.
G - 6.530 X 1.992 = 13.700 Sq.M.
H - 6.915 X 1.850 = 9.804 Sq.M.
J - 2.785 X 2.570 = 7.158 Sq.M.
K - 1.285 X 0.930 = 0.575 Sq.M.

TOTAL = 90.942 Sq.M.

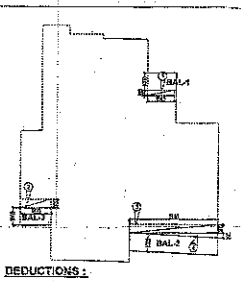
NET FAR AREA OF 2 BED STUDY = TOTAL AREA - DEDUCTIONS
= 90.942 - 2.047 = 88.895 - 1.228 = 89.918 Sq.M.



AREA DIAGRAM 3 BED ROOM

A - 1.835 X 0.485 = 0.890 Sq.M.
B - 3.530 X 0.250 = 0.883 Sq.M.
C - 6.145 X 2.985 = 18.404 Sq.M.
D - 7.625 X 1.955 = 14.908 Sq.M.
E - 10.310 X 0.460 = 4.742 Sq.M.
F - 11.830 X 4.455 = 52.702 Sq.M.
G - 4.560 X 3.015 = 13.743 Sq.M.
H - 5.140 X 1.835 = 7.359 Sq.M.
J - 1/2 X 5.140 X 0.290 = 0.746 Sq.M.
K - 1/2 X 4.530 X 0.130 = 0.294 Sq.M.

TOTAL = 113.745 Sq.M.



DEDUCTIONS :

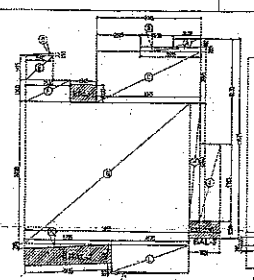
1 - 1.515 X 0.300 = 0.455 Sq.M.
2 - 1.820 X 0.500 = 0.910 Sq.M.
3 - 5.140 X 0.275 = 1.414 Sq.M.
4 - 1/2 X 5.140 X 0.255 = 0.655 Sq.M.

TOTAL = 4.735 Sq.M.

NET FAR AREA OF 3BED = TOTAL AREA - DEDUCTIONS2
= 113.745 - 4.735 = 113.745 - 2.363 = 111.382 Sq.M.

LGMT. BALCONY AREA AT GR. FL.
BALCONY-1 - 1.680 X 1.00 = 1.680 Sq.M.
BALCONY-2 - 5.145 X 1.00 = 5.145 Sq.M.
BALCONY-3 - 1.92 X 1.00 = 2.18 Sq.M.
TOTAL = 9.985 Sq.M.

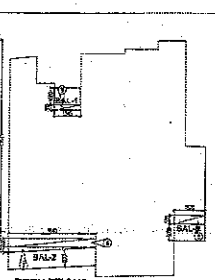
TOTAL GROUND. COVD. AREA OF 3 BED ROOM=
=113.745 + 9.985 = 123.73 SQMT.



AREA DIAGRAM 3 BED WITH STUDY

A - 1.820 X 0.460 = 0.750 Sq.M.
B - 3.850 X 0.255 = 1.023 Sq.M.
C - 6.145 X 2.985 = 18.404 Sq.M.
D - 1/2 X 1.680 X 0.155 = 0.133 Sq.M.
E - 1.680 X 1.415 = 2.240 Sq.M.
F - 2.630 X 1.250 = 3.313 Sq.M.
G - 8.985 X 0.250 = 2.571 Sq.M.
H - 0.515 X 0.660 = 0.218 Sq.M.
J - 1.835 X 4.455 = 8.175 Sq.M.
K - 1/2 X 5.140 X 0.255 = 0.655 Sq.M.
L - 4.850 X 1.585 = 7.249 Sq.M.
M - 1/2 X 4.530 X 0.115 = 0.262 Sq.M.

TOTAL = 124.164 Sq.M.



DEDUCTIONS :

5 - 1.545 X 0.300 = 0.463 Sq.M.
6 - 5.140 X 0.500 = 2.570 Sq.M.
7 - 1/2 X 5.140 X 0.255 = 0.655 Sq.M.
8 - 1.820 X 0.500 = 0.910 Sq.M.

TOTAL = 4.735 Sq.M.

NET FAR AREA OF 3 BED STUDY = TOTAL AREA - DEDUCTIONS2
= 124.164 - 4.735 = 124.164 - 2.363 = 121.801 SQMT.

LGMT. BALCONY AREA AT GR. FL.
BALCONY-1 - 1.545 X 1.00 = 1.545 Sq.M.
BALCONY-2 - 5.135 X 1.00 = 5.135 Sq.M.
BALCONY-3 - 1.52 X 1.00 = 2.16 Sq.M.
TOTAL = 9.85 Sq.M.

TOTAL GROUND. COVD. AREA OF 3 BED STUDY=
=124.164 + 9.85 = 134.024 SQMT.

ENGINEER'S SIGN

ARCHITECTS
SPACE COMBINE
ARCHITECTS, PLANNERS, ENGINEERS & PROJECT MANAGEMENT CONSULT.
A1/112, 2ND FLOOR,
SAFDARJUNG ENCLAVE, NEW DELHI-29.
PH.-41150300.

SHEET TITLE :
TOWER-C
(3 BED ROOM + 3 BED WITH STUDY)
& (2 BED ROOM + STUDY)
GR. FLOOR & TYP. (1ST TO 3RD) FLOOR PLAN AND AREA CALCULATION

SCALE : 1:100 | DRG. NO.- A-10

DRAWN BY : BSHT

CLIENT :
GREAT VALUE PROJECTS INDIA LTD.

For Greenview Projects India Limited

ARCHITECT'S SIGN | OWNER'S SIGN

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