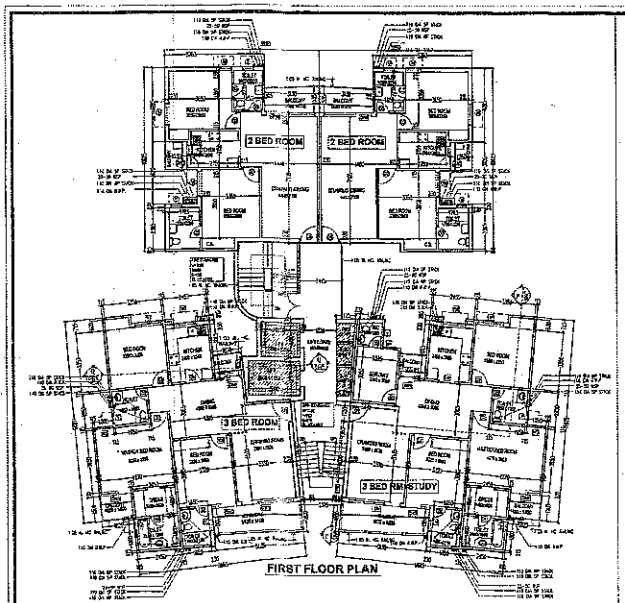
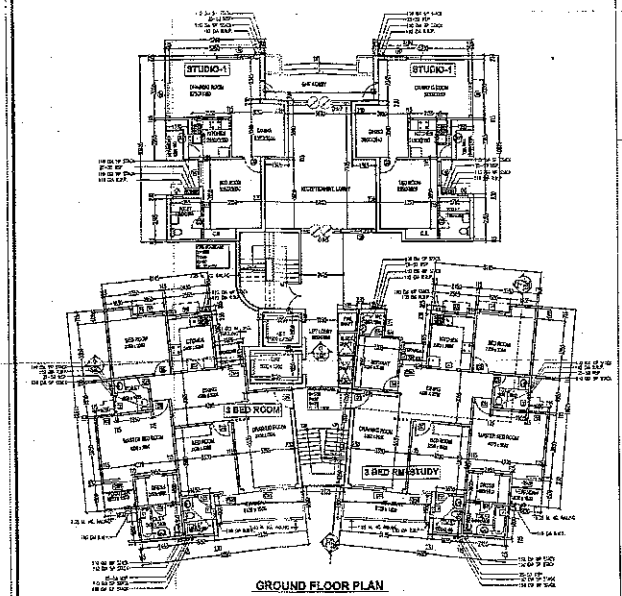


FIRST FLOOR PLAN

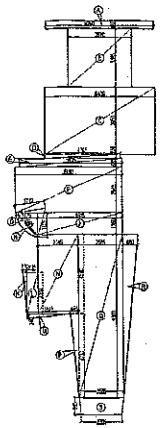


GROUND FLOOR PLAN

TOTAL FAR AREA OF TOWER-P AT GROUND FLOOR=2X STUDIO-01 + 3 BED + 3 BED STUDY+ GROUND FL. CORE
=2X58.52+111.38+121.801+112.739= 468.68 SQMT.

TOTAL FAR AREA OF TOWER-P AT 1ST FL.=2 X 2 BED + 3 BED + 3BED STUDY + TYPICAL CORE=
=2X79.293+ 111.38+121.801+97.519 = 492.278 SQMT.

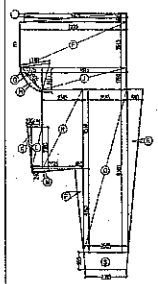
TOTAL GROUND, COVD. AREA OF TOWER-P = 2 X STUDIO-01 + 3 BED + 3 BED STUDY + GR. CORE=
= 2 X 60.87 + 123.73 + 134.024 + 112.739 = 492.24 SQMT.



AREA DIAGRAM GROUND CORE

A - 6.290 X 0.465 = 2.879 Sq.M.
B - 3.870 X 3.285 = 12.707 Sq.M.
C - 6.490 X 3.950 = 25.630 Sq.M.
D - 4.365 X 0.230 = 1.003 Sq.M.
E - 5.925 X 0.465 = 2.753 Sq.M.
F - 6.190 X 2.645 = 16.372 Sq.M.
G - 1/2 X 1.275 X 1.415 = 0.902 Sq.M.
H - 2.695X1.740-1.905 (1.740-0.285) /2 = 0.387 Sq.M.
J - 4.915 X 1.250 = 6.142 Sq.M.
K - 1/2 X 0.230 X 2.350 = 0.270 Sq.M.
L - 0.635 X 2.350 = 1.511 Sq.M.
M - 1/2 X 2.615 X 0.240 = 0.321 Sq.M.
N - 2.345 X 4.540 = 10.648 Sq.M.
P - 1/2 X 0.465 X 4.760 = 1.106 Sq.M.
Q - 9.300 X 2.585 = 24.040 Sq.M.
R - 1/2 X 0.650 X 9.300 = 4.032 Sq.M.
S - 2.585+2.585X0.895/2 = 2.46 Sq.M.

TOTAL =112.739 Sq.M.



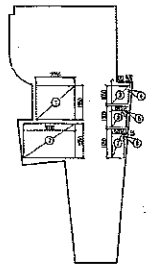
AREA DIAGRAM TYPICAL CORE FIRST FLOOR PLAN

E - 5.925 X 0.465 = 2.753 Sq.M.
F - 6.190 X 2.645 = 16.372 Sq.M.
G - 1/2 X 1.275 X 1.415 = 0.902 Sq.M.
H - 2.695X1.740-1.905 (1.740-0.285) /2 = 0.387 Sq.M.
J - 4.915 X 1.250 = 6.142 Sq.M.
K - 1/2 X 0.230 X 2.350 = 0.270 Sq.M.
L - 0.635 X 2.350 = 1.511 Sq.M.
M - 1/2 X 2.615 X 0.240 = 0.321 Sq.M.
N - 2.345 X 4.540 = 10.648 Sq.M.
P - 1/2 X 0.465 X 4.760 = 1.106 Sq.M.
Q - 9.300 X 2.585 = 24.040 Sq.M.
R - 1/2 X 0.650 X 9.300 = 4.032 Sq.M.
S - 2.585+2.585X0.895/2 = 2.46 Sq.M.

TOTAL = 71.159 Sq.M.

NET FAR AREA OF GROUND CORE= 112.739 SQMT.

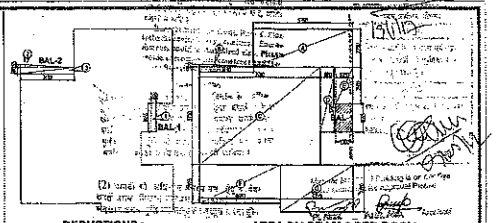
NET FAR AREA OF TYPICAL CORE= TOTAL AREA - DEDUCTIONS
= 71.159 - 13.838 = 57.319 Sq.M.



TYPICAL CORE DEDUCTIONS FIRST FLOOR PLAN

1 - 2.250 X 1.950 = 4.387 Sq.M.
2 - 3.68 X 1.950 = 6.851 Sq.M.
3 - 0.870 X 1.650 = 1.019 Sq.M.
4 - 1/2 X 0.190 X 1.650 = 0.652 Sq.M.
5 - 0.845 X 1.200 = 1.014 Sq.M.
6 - 1/2 X 0.110 X 1.200 = 0.066 Sq.M.
7 - 0.550 X 1.550 = 1.122 Sq.M.
8 - 1/2 X 0.155 X 1.650 = 0.127 Sq.M.

TOTAL = 13.838 Sq.M.



DEDUCTIONS :

2 - 1/2 X 0.155 X 3.180 = 0.247 Sq.M.
3 - 3.150 X 0.365 = 1.149 Sq.M.
4 - 0.250 X 1.665 = 0.416 Sq.M.

TOTAL = 1.897 Sq.M.

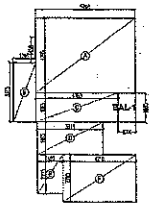
NET FAR OF 2 BED ROOM = TOTAL AREA - DEDUCTIONS/2
= 80.246 - 1.897/2 = 80.246 - 0.948 = 79.298 Sq.M.

AREA DIAGRAM 2 BED ROOM

A - 5.760 X 2.200 = 12.672 Sq.M.
B - 1/2 X 3.150 X 0.155 = 0.245 Sq.M.
C - 7.010 X 5.720 = 40.097 Sq.M.
D - 0.880 X 3.765 = 3.313 Sq.M.
E - 1.00 X 2.100 = 2.100 Sq.M.
F - 4.600 X 2.205 = 10.143 Sq.M.
G - 4.210 X 2.710 = 11.409 Sq.M.

TOTAL = 80.246 Sq.M.

SCHEDULE OF OPENINGS			
TYPE	SIZE	NOS	LINTEL
DW1	2170X2550	—	2550
DW2	1440X2550	—	2550
DW3	1200X2550	—	2550
DW4	1010X2550	—	2550
DW5	1470X2550	—	2550
DW6	2330X2550	—	2550
D1	1100 X 2100	—	2100
D2	1000 X 2100	—	2100
D3	750 X 2100	—	2100
D4	900 X 2100	—	2100
D5	1000 X 2350	—	2350
W1	1520 x 1350	750	2350
W2	1500 x 1200	750	2350
W3	1010 x 1350	750	2350
W4	920 x 1350	750	2350
W5	900 x 1350	750	2350
W6	2520 x 1350	750	2350
V	600 X 1350	1350	1350



DEDUCTIONS :

1 - 0.230 X 2.725 = 0.634 Sq.M.

TOTAL = 0.634 Sq.M.

AREA DIAGRAM STUDIO-1

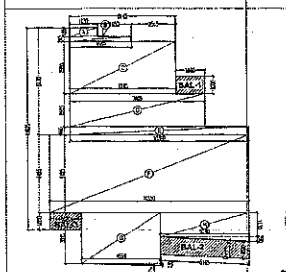
A - 5.760 X 4.255 = 24.739 Sq.M.
B - 1.355 X 3.365 = 4.559 Sq.M.
C - 4.760 X 1.665 = 7.925 Sq.M.
D - 3.810 X 1.955 = 7.446 Sq.M.
E - 1.480 X 2.225 = 3.293 Sq.M.
F - 4.210 X 2.710 = 11.406 Sq.M.

TOTAL = 59.197 Sq.M.

NET FAR OF STUDIO-1 = TOTAL AREA - DEDUCTIONS/2
= 59.197 - 0.634/2 = 59.197 - 0.317 = 58.88 Sq.M.

1.0 MT. BALCONY AREA AT GR. FL.
8 - 1.665 X 1.00 = 1.665 Sq.M.

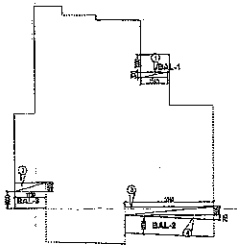
TOTAL GROUND, COVD. AREA OF STUDIO-1
=59.197+ 1.665 = 60.87 SQMT.



AREA DIAGRAM 3 BED ROOM

A - 1.630 X 0.465 = 0.758 Sq.M.
B - 3.500 X 0.265 = 1.020 Sq.M.
C - 6.145 X 2.995 = 18.404 Sq.M.
D - 7.655 X 1.905 = 14.658 Sq.M.
E - 10.310 X 0.460 = 4.742 Sq.M.
F - 11.330 X 4.455 = 51.722 Sq.M.
G - 4.560 X 3.015 = 13.744 Sq.M.
H - 5.140 X 1.400 = 7.350 Sq.M.
J - 1/2 X 5.140 X 0.290 = 0.745 Sq.M.
K - 1/2 X 4.250 X 0.530 = 0.266 Sq.M.

TOTAL = 113.745 Sq.M.



DEDUCTIONS :

1 - 1.545 X 0.300 = 0.463 Sq.M.
2 - 1.820 X 0.500 = 0.910 Sq.M.
3 - 5.145 X 0.505 = 2.595 Sq.M.
4 - 1/2 X 5.140 X 0.295 = 0.758 Sq.M.

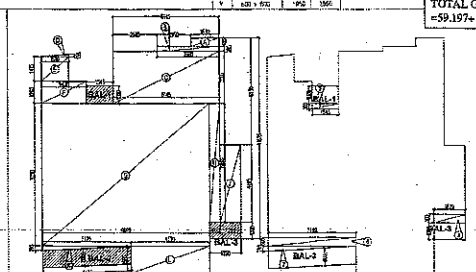
TOTAL = 4.726 Sq.M.

NET FAR AREA OF 3 BED = TOTAL AREA - DEDUCTIONS/2
= 113.745 - 4.726/2 = 113.745 - 2.363 = 111.382 Sq.M.

1.0 MT. BALCONY AREA AT GR. FL.
BALCONY-1 - 1.860 X 1.00 = 1.860 Sq.M.
BALCONY-2 - 5.145 X 1.00 = 5.145 Sq.M.
BALCONY-3 - 1.82 X 1.00 = 1.78 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 - 1.630 X 0.465 = 0.758 Sq.M.
B - 3.500 X 0.265 = 1.020 Sq.M.
C - 6.145 X 2.995 = 18.404 Sq.M.
D - 1/2 X 1.590 X 0.155 = 0.123 Sq.M.
E - 1.590 X 1.415 = 2.249 Sq.M.
F - 2.830 X 1.200 = 3.396 Sq.M.
G - 6.855 X 8.250 = 60.371 Sq.M.
H - 0.910 X 6.850 = 4.218 Sq.M.
J - 1.205 X 4.495 = 5.416 Sq.M.
K - 1/2 X 5.125 X 0.295 = 0.755 Sq.M.
L - 4.870 X 1.505 = 7.243 Sq.M.
M - 1/2 X 4.570 X 0.115 = 0.262 Sq.M.

TOTAL = 124.194 Sq.M.

DEDUCTIONS :

5 - 1.545 X 0.300 = 0.463 Sq.M.
6 - 5.140 X 0.505 = 2.595 Sq.M.
7 - 1/2 X 5.140 X 0.295 = 0.758 Sq.M.
8 - 1.820 X 0.500 = 0.910 Sq.M.

TOTAL = 4.726 Sq.M.

NET FAR AREA OF 3 BED STUDY = TOTAL AREA - DEDUCTIONS/2
= 124.194 - 4.726/2 = 124.194 - 2.363 = 121.831 SQMT.

1.0 MT. 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 - 1.82 X 1.00 = 1.78 Sq.M.

TOTAL = 8.68 Sq.M.

TOTAL GROUND, COVD. AREA OF 3 BED STUDY=
=124.164 + 9.86 = 134.024 SQMT.

ENGINEER'S SIGN

ARCHITECTS
SPACE COMBINE
ARCHITECTS, PLANNERS, ENGINEERS & PROJECT MANAGEMENT CONSULT.
A/11/12, 2ND FLOOR,
SAFDARJUNG ENCLAVE, NEW DELHI-29.
PH:46150000.

SHEET TITLE :
TOWER-P,Q
(3 BED ROOM + 3 BED WITH STUDY)
4 (2 BED ROOM)
GR. FLOOR & FIRST FLOOR PLAN AND AREA CALCULATION)

SCALE : 1:100	DRG NO.- A-24
DEALT BY :	SIGHT-

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.)