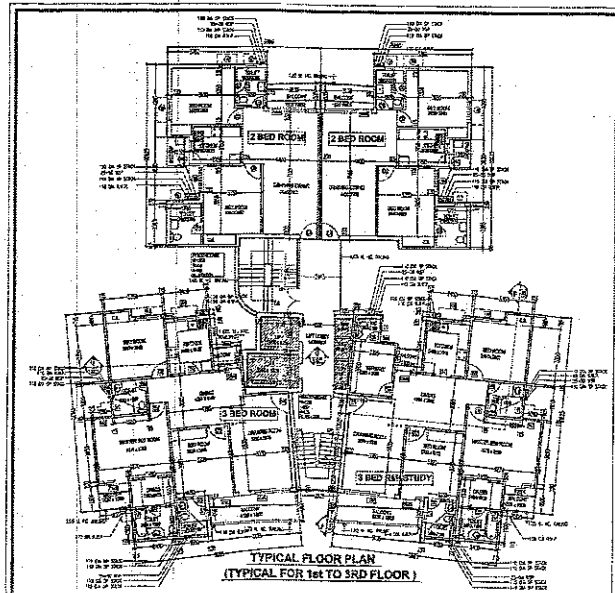
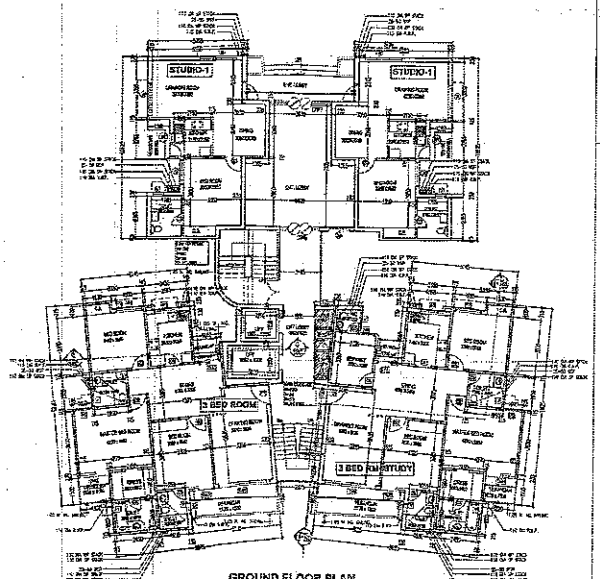


TYPICAL FLOOR PLAN
(TYPICAL FOR 1st TO 3RD FLOOR)

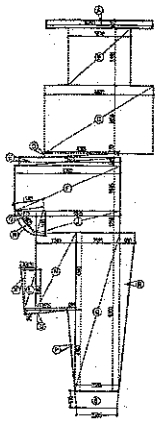


GROUND FLOOR PLAN

TOTAL FAR AREA OF TOWER-D AT GROUND FLOOR=OF STUDIO-01 + 3 BED + 3 BED STUDY+ GROUND FL.CORE
=2X60.87+111.39+121.61+112.739= 463.28 SQMT.

TOTAL FAR AREA OF TOWER-D AT 1ST TO 3RD FL.=2X2 BED + 3 BED + 3BED STUDY + TYPICAL CORE=
=2X79.29+ 111.39+121.61+457.513 = 449.275 SQMT.

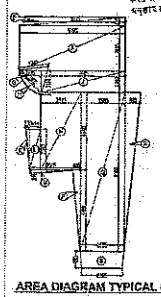
TOTAL GROUND, COVD. AREA OF TOWER-D = 2 X STUDIO-01 + 3 BED + 3 BED STUDY + GR CORE=
= 2 X 60.87 + 123.73 + 134.024 + 112.739 = 492.24 SQMT.



AREA DIAGRAM GROUND CORE

A - 6.280 X 0.485 = 2.979 Sq.M.
B - 3.870 X 3.935 = 12.422 Sq.M.
C - 6.400 X 3.990 = 25.536 Sq.M.
D - 4.365 X 0.230 = 1.003 Sq.M.
E - 5.925 X 0.485 = 2.873 Sq.M.
F - 5.160 X 2.845 = 14.677 Sq.M.
G - 1/2 X 1.275 X 1.415 = 0.902 Sq.M.
H - 2.015X1.749-1.905 (1.749-0.285) /2 = 0.587 Sq.M.
J - 4.915 X 1.280 = 6.192 Sq.M.
K - 1/2 X 0.230 X 2.380 = 0.273 Sq.M.
L - 0.635 X 2.380 = 1.511 Sq.M.
M - 1/2 X 2.515 X 0.240 = 0.301 Sq.M.
N - 2.345 X 4.540 = 10.646 Sq.M.
P - 1/2 X 0.485 X 4.700 = 1.138 Sq.M.
Q - 3.300 X 2.585 = 8.530 Sq.M.
R - 1/2 X 0.830 X 3.300 = 1.367 Sq.M.
S - 2.585+2.365-0.485/2 = 2.48 Sq.M.

TOTAL =112.739 Sq.M.



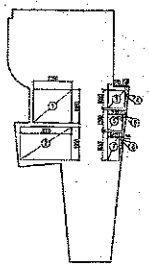
AREA DIAGRAM TYPICAL CORE
(1st TO 3RD FLOOR)

E - 5.925 X 0.485 = 2.873 Sq.M.
F - 5.160 X 2.845 = 14.677 Sq.M.
G - 1/2 X 1.275 X 1.415 = 0.902 Sq.M.
H - 2.015X1.749-1.905 (1.749-0.285) /2 = 0.587 Sq.M.
J - 4.915 X 1.280 = 6.192 Sq.M.
K - 1/2 X 0.230 X 2.380 = 0.273 Sq.M.
L - 0.635 X 2.380 = 1.511 Sq.M.
M - 1/2 X 2.515 X 0.240 = 0.301 Sq.M.
N - 2.345 X 4.540 = 10.646 Sq.M.
P - 1/2 X 0.485 X 4.700 = 1.138 Sq.M.
Q - 3.300 X 2.585 = 8.530 Sq.M.
R - 1/2 X 0.830 X 3.300 = 1.367 Sq.M.
S - 2.585+2.365-0.485/2 = 2.48 Sq.M.

TOTAL = 71.156 Sq.M.

NET FAR AREA OF GROUND CORE= 112.739 SQMT.

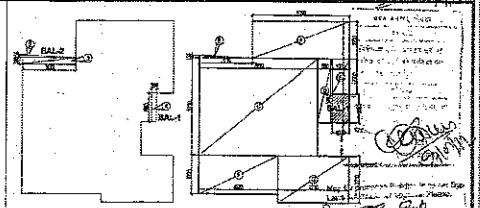
NET FAR AREA OF TYPICAL CORE= TOTAL AREA - DEDUCTIONS
= 71.156 - 13.598 = 57.559 SQ.M.



TYPICAL CORE DEDUCTIONS
(1st TO 3RD FLOOR)

1 - 2.250 X 1.950 = 4.387 Sq.M.
2 - 3.150 X 1.950 = 6.143 Sq.M.
3 - 0.910 X 1.050 = 1.018 Sq.M.
4 - 1/2 X 0.100 X 1.050 = 0.052 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 - 0.910 X 1.650 = 1.122 Sq.M.
8 - 1/2 X 0.135 X 1.650 = 0.127 Sq.M.

TOTAL = 13.598 Sq.M.



DEDUCTIONS :

2 - 1/2 X 0.155 X 3.130 = 0.242 Sq.M.
3 - 3.130 X 0.350 = 1.095 Sq.M.
4 - 0.280 X 1.665 = 0.466 Sq.M.

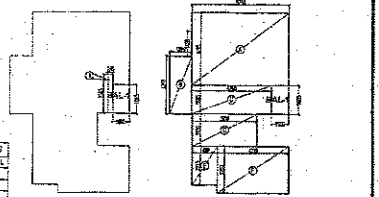
TOTAL = 1.807 Sq.M.

NET FAR OF 2 BED ROOM = TOTAL AREA - DEDUCTIONS.
= 81.246 - 1.807 = 80.246 - 0.966 = 79.280 Sq.M.

AREA DIAGRAM 2 BED ROOM

A - 5.700 X 2.200 = 12.672 Sq.M.
B - 1/2 X 3.130 X 0.155 = 0.242 Sq.M.
C - 7.210 X 7.210 = 40.067 Sq.M.
D - 0.850 X 3.763 = 3.113 Sq.M.
E - 1.00 X 2.100 = 2.100 Sq.M.
F - 4.600 X 2.225 = 10.413 Sq.M.
G - 4.210 X 2.710 = 11.409 Sq.M.

TOTAL = 80.246 Sq.M.



DEDUCTIONS :

1 - 0.280 X 2.285 = 0.634 Sq.M.

TOTAL= 0.634 Sq.M.

AREA DIAGRAM STUDIO-1

A - 5.700 X 4.225 = 24.073 Sq.M.
B - 1.200 X 3.935 = 4.722 Sq.M.
C - 4.750 X 1.525 = 7.243 Sq.M.
D - 3.810 X 1.950 = 7.429 Sq.M.
E - 5.450 X 2.225 = 12.126 Sq.M.
F - 4.210 X 2.710 = 11.409 Sq.M.

TOTAL = 59.197 Sq.M.

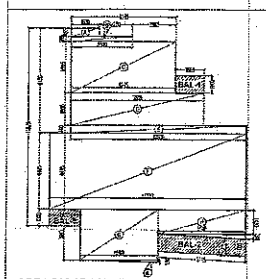
NET FAR OF STUDIO-1 = TOTAL AREA - DEDUCTIONS2
= 59.197 - 0.634 = 58.197 - 0.317 = 58.66 Sq.M.

1.0 MT. BALCONY AREA AT GR. FL.
0 - 1.665 X 1.00 = 1.665 Sq.M.

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

SCHEDULE OF OPENINGS

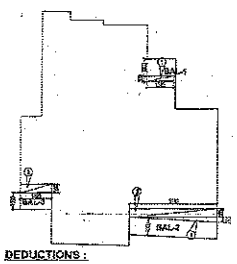
REF	SIZE	SILL	LEVEL
D01	2700X2100	---	2100
D02	1500X2100	---	2100
D03	1200X2100	---	2100
D04	1000X2100	---	2100
D05	900X2100	---	2100
D06	800X2100	---	2100
D07	750 X 2100	---	2100
D2	900 X 2100	---	2100
D3	750 X 2100	---	2100
D4	900 X 2100	---	2100
D5	1200 X 2100	---	2100
W1	1800 X 1050	750	2850
W2	1800 X 1050	750	2850
W3	1800 X 1050	1200	3300
W4	825 X 1050	750	2850
W5	1800 X 1050	750	2850
W6	1200 X 1050	750	2850
V	525 X 450	1400	2550



AREA DIAGRAM 3 BED ROOM

A - 1.830 X 0.485 = 0.730 Sq.M.
B - 2.600 X 0.285 = 1.023 Sq.M.
C - 6.145 X 2.555 = 18.404 Sq.M.
D - 7.800 X 1.900 = 14.820 Sq.M.
E - 10.315 X 0.455 = 4.742 Sq.M.
F - 11.300 X 4.368 = 51.382 Sq.M.
G - 4.980 X 0.615 = 13.748 Sq.M.
H - 5.140 X 1.430 = 7.350 Sq.M.
J - 1/2 X 5.140 X 0.290 = 0.745 Sq.M.
K - 1/2 X 4.500 X 0.130 = 0.293 Sq.M.

TOTAL = 113.745 Sq.M.



DEDUCTIONS :

1 - 1.546 X 0.300 = 0.463 Sq.M.
2 - 1.820 X 0.500 = 0.910 Sq.M.
3 - 5.140 X 0.500 = 2.570 Sq.M.
4 - 1/2 X 5.140 X 0.255 = 0.655 Sq.M.

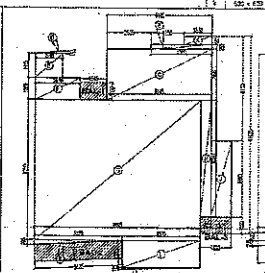
TOTAL = 4.726 Sq.M.

NET FAR AREA OF 3 BED = TOTAL AREA - DEDUCTIONS2
= 113.745 - 4.726 = 113.745 - 0.945 = 111.392 Sq.M.

1.0 MT. BALCONY AREA AT GR. FL.
BALCONY-1 - 1.660 X 1.00 = 1.660 Sq.M.
BALCONY-2 - 5.145 X 1.00 = 5.145 Sq.M.
BALCONY-3 - 1.92 X 1.00 = 3.18 Sq.M.

TOTAL = 9.985 Sq.M.

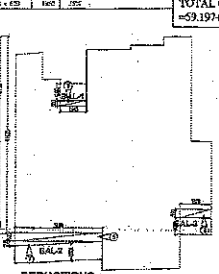
TOTAL GROUND. COVD. AREA OF 3 BED ROOM=
=113.745 + 9.985 = 123.73 SQMT.



AREA DIAGRAM 3 BED WITH STUDY

A - 1.830 X 0.485 = 0.730 Sq.M.
B - 2.600 X 0.285 = 1.023 Sq.M.
C - 6.145 X 2.555 = 18.404 Sq.M.
D - 10.315 X 0.455 = 4.742 Sq.M.
E - 1.500 X 1.415 = 2.243 Sq.M.
F - 2.030 X 1.250 = 3.313 Sq.M.
G - 9.986 X 9.300 = 92.871 Sq.M.
H - 0.815 X 5.882 = 4.216 Sq.M.
J - 1.705 X 4.455 = 5.419 Sq.M.
K - 1/2 X 0.125 X 0.275 = 0.793 Sq.M.
L - 4.570 X 1.585 = 7.243 Sq.M.
M - 1/2 X 4.570 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 - 1.920 X 0.300 = 0.576 Sq.M.

TOTAL = 4.726 Sq.M.

NET FAR AREA OF 3 BED STUDY = TOTAL AREA - DEDUCTIONS2
= 124.164 - 4.726 = 124.164 - 2.363 = 121.801 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 - 1.92 X 1.00 = 3.18 Sq.M.

TOTAL = 9.86 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.
A/112, 2ND FLOOR,
SAPOORJUNG ENCLAVE, NEW DELHI-29.
PH.-40150008.

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

SCALE : 1:100 | DRG. NO.- A-12

DRAWN BY : NISHIT

CLIENT :
GREAT VALUE PROJECTS INDIA LTD.

ARCHITECTS SIGN | OWNERS SIGN

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