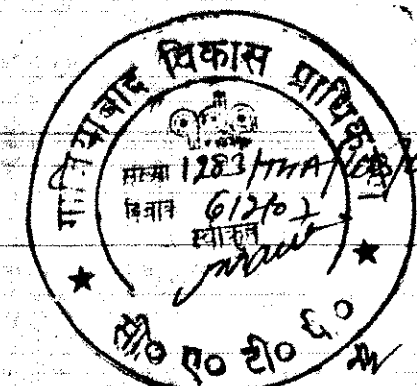
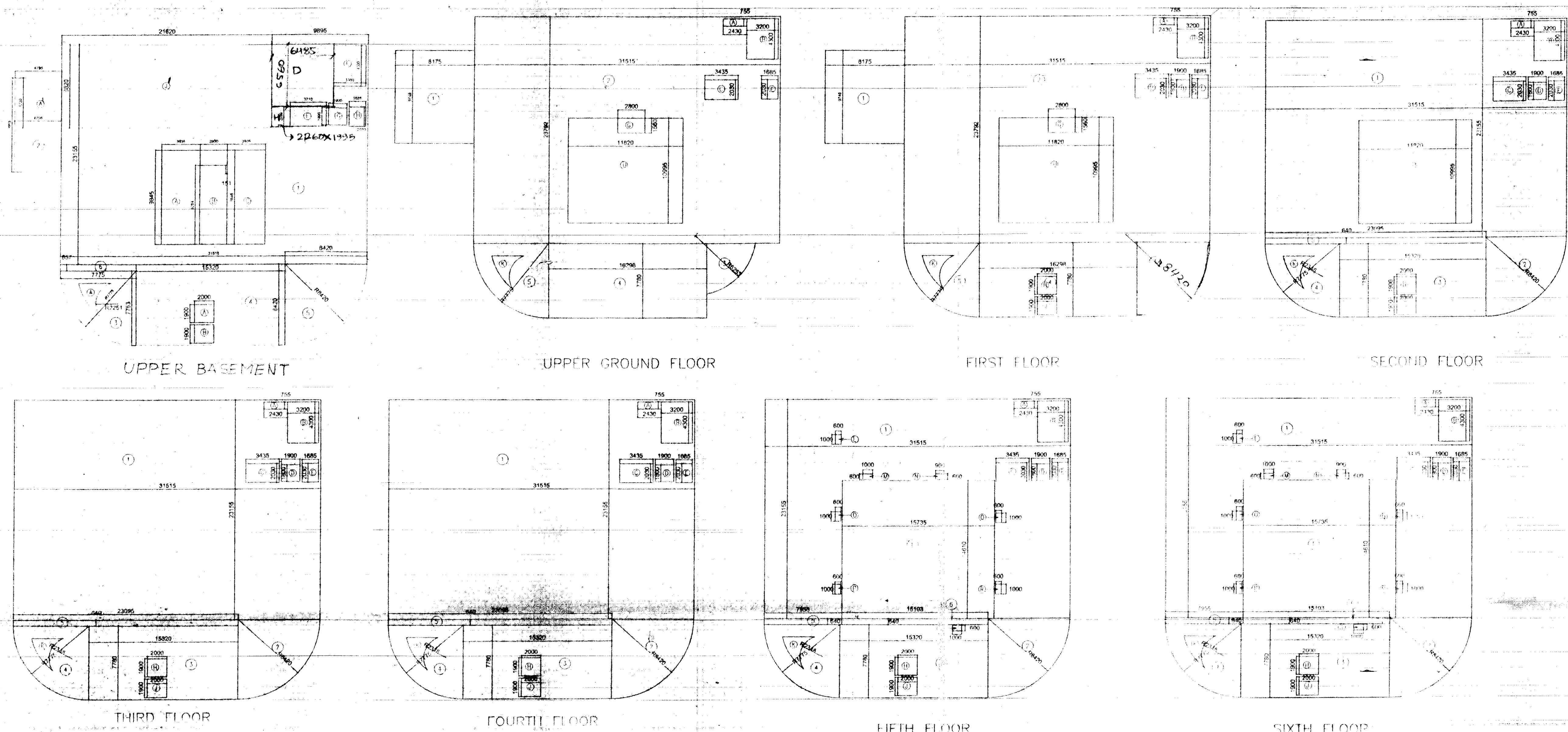




समस्त भू-खंडों के समस्त क्षेत्रफल को समस्त भू-खंडों के समस्त क्षेत्रफल के अन्तर्गत आने के लिए प्रमाणित किया जाता है।
समस्त भू-खंडों के समस्त क्षेत्रफल को समस्त भू-खंडों के समस्त क्षेत्रफल के अन्तर्गत आने के लिए प्रमाणित किया जाता है।
समस्त भू-खंडों के समस्त क्षेत्रफल को समस्त भू-खंडों के समस्त क्षेत्रफल के अन्तर्गत आने के लिए प्रमाणित किया जाता है।

समस्त भू-खंडों के समस्त क्षेत्रफल को समस्त भू-खंडों के समस्त क्षेत्रफल के अन्तर्गत आने के लिए प्रमाणित किया जाता है।



UPPER BASEMENT
H = 22.60 x 19.95 = 451.50 SQ.M.
1) 31515 X 23155 = 730.00 SQ.M.
A) 3935 X 9845 = 38.81 SQ.M.
B) 2900 X 8284 = 23.97 SQ.M.
C) 3935 X 9845 = 38.81 SQ.M.
D) 2435 X 6565 = 15.94 SQ.M.
E) 3300 X 4300 = 14.19 SQ.M.
F) 3710 X 2030 = 7.53 SQ.M.
G) 1900 X 1800 = 3.42 SQ.M.
H) 1685 X 2030 = 3.43 SQ.M.
J) 21620 X 8820 = 190.69 SQ.M.
= 1(A+B+C+D+E+F+G+H+J) = 730.00 - (38.81+23.97+38.81+15.94+14.19+7.53+3.42+3.43+190.69) = 36.25 SQ.M.
2) 4795 X 9865 = 47.38 SQ.M.
A) 4795 X 5230 = 25.10 SQ.M.
= 2 - (A) = 47.38 - (25.10) = 22.28 SQ.M.
3) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
A) 4.40 SQ.M.
= 3 - (A) = 47.45 - 4.40 = 43.05 SQ.M.
4) 15320 X 8420 = 128.99 SQ.M.
A) 2.00 X 1.90 = 3.80 SQ.M.
B) 2.00 X 1.90 = 3.80 SQ.M.
= 4 - (A+B) = 47.45 - (3.80+3.80) = 47.45 - 7.60 = 39.85 SQ.M. (121.39 SQ.M.)
5) $\pi R^2/4 = 3.14 \times (8420)^2/4 = 55.65$ SQ.M.
6) 7775 X 657 = 5.13 SQ.M.
= 1+2+3+4+5+6 = 408.30+22.28+43.05+121.39+55.65+5.13 = 672.77 SQ.M.

AREA CHART
UPPER GROUND FLOOR
1) 8175x9745 = 79.66 SQ.M.
2) 31515x23795 = 729.72 SQ.M.
= (2-A-B-C-E-U) = 573.78 SQ.M.
3) $\pi R^2/4 = 17.76$ SQ.M.
4) 16298x7780 = 126.79 SQ.M.
5) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
= 1+2+3+4+5 = 845.31 SQ.M.
FIRST FLOOR
1) 8175x9745 = 79.66 SQ.M.
2) 31515x23795 = 729.72 SQ.M.
= (2-A-B-C-D-E-U+G) = 574.72 SQ.M.
3) $\pi R^2/4 = 17.76$ SQ.M.
4) 16298x7780 = 126.79 SQ.M.
(4-H-J) = 119.19 SQ.M.
5) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
= 5-K = 42.95 SQ.M.
= 1+2+3+4+5+6 = 772.17 SQ.M.

SECOND FLOOR
1) 31515x23155 = 729.72 SQ.M.
= (1-A-B-C-D-E-U) = 570.36 SQ.M.
2) $\pi R^2/4 = 3.14 \times (8420)^2/4 = 55.65$ SQ.M.
3) 15320x7780 = 119.18 SQ.M.
(3-H-J) = 111.58 SQ.M.
4) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
= 4-K = 42.95 SQ.M.
5) 23095x640 = 14.78 SQ.M.
= 1+2+3+4+5 = 795.32 SQ.M.
THIRD FLOOR
1) 31515x23155 = 729.72 SQ.M.
= 1-A-B-C-D-E = 700.32 SQ.M.
2) $\pi R^2/4 = 3.14 \times (8420)^2/4 = 55.65$ SQ.M.
3) 15320x7780 = 119.18 SQ.M.
(3-H-J) = 111.58 SQ.M.
4) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
= 4-K = 42.95 SQ.M.
5) 23095x640 = 14.78 SQ.M.
= 1+2+3+4+5 = 925.28 SQ.M.
FOURTH FLOOR
1) 31515x23155 = 729.72 SQ.M.
= 1-A-B-C-D-E = 700.32 SQ.M.
2) $\pi R^2/4 = 3.14 \times (8420)^2/4 = 55.65$ SQ.M.
3) 15320x7780 = 119.18 SQ.M.
(3-H-J) = 111.58 SQ.M.
4) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
= 4-K = 42.95 SQ.M.
5) 23095x640 = 14.78 SQ.M.
= 1+2+3+4+5 = 925.28 SQ.M.

FIFTH FLOOR
1) 31515x23155 = 729.72 SQ.M.
= (1-A-B-C-D-E-K-L-M-N-O-P-Q-R-T) = 461.8 SQ.M.
2) $\pi R^2/4 = 3.14 \times (8420)^2/4 = 55.65$ SQ.M.
3) 15320x7780 = 119.18 SQ.M.
(3-H-J-S) = 111.04 SQ.M.
4) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
= 4-K = 42.95 SQ.M.
5) 7955x640 = 5.09 SQ.M.
6) 15103x640 = 9.66 SQ.M.
= 1+2+3+4+5+6 = 690.69 SQ.M.
SIXTH FLOOR
1) 31515x23155 = 729.39 SQ.M.
= 1-A-B-C-D-E-K-L-M-N-O-P-Q-R-T = 461.8 SQ.M.
2) $\pi R^2/4 = 3.14 \times (8420)^2/4 = 55.65$ SQ.M.
3) 15320x7780 = 122.55 SQ.M.
(3-H-J-S) = 111.04 SQ.M.
4) $\pi R^2/4 = 3.14 \times (7775)^2/4 = 47.45$ SQ.M.
= 4-K = 42.95 SQ.M.
5) 7955x640 = 5.09 SQ.M.
6) 15103x640 = 9.66 SQ.M.
= 1+2+3+4+5+6 = 690.69 SQ.M.

DEDUCTION AREA CHART
A) 2430x755 = 1.83 SQ.M.
B) 3200x4300 = 13.76 SQ.M.
C) 3435x2030 = 6.97 SQ.M.
D) 1900x1800 = 3.42 SQ.M.
E) 1685x2030 = 3.42 SQ.M.
F) 10870x9845 = 105.04 SQ.M.
G) 2800x1560 = 4.36 SQ.M.
H) 2000x1900 = 3.85 SQ.M.
J) 2000x1900 = 3.85 SQ.M.
K) $\pi R^2/4 = 4.5$ SQ.M.
L) 600x1000 = 0.6 SQ.M.
M) 600x1000 = 0.6 SQ.M.
N) 600x1000 = 0.6 SQ.M.
P) 600x1000 = 0.6 SQ.M.
Q) 600x1000 = 0.6 SQ.M.
R) 1000x600 = 0.6 SQ.M.
S) 900x600 = 0.54 SQ.M.
T) 15735x14610 = 229.88 SQ.M.
U) 11820x10995 = 129.96 SQ.M.

AREA DISTRIBUTION CHART FOR BLUE WATER MALL AT VAISHALI, GZB.

FLOOR	SHOPPING COMPLEX	
	FAR	FREE FAR
1ST BASEMENT		983.45
UPPER BASEMENT	810.55	262.83
UPPER GROUND FLOOR	845.31	
FIRST FLOOR	872.17	
SECOND FLOOR	795.32	
THIRD FLOOR	925.28	
FOURTH FLOOR	925.28	
FIFTH FLOOR	690.69	
SERVICE FLOOR		936.8
SIXTH FLOOR	690.69	
MUMTY & MACHINE ROOM		54
TOTAL COVG.	6355.29	1300.28 SQ.M.

PARKING AREA DETAILS
REQUIRED PARKING = 15X6342.03 = 95.13 = 95 E.C.S.
PARKING AT L.B. = 370+1174 = 1544+42.54+4.5+25.10 = 262.83
PARKING AT BASEMENT = 983.93 SQ.M.
PARKING AT G.F. = A+B+C = 52+70.72+163.30 = 286.02/2 = 143.01
= [262.83+983.93+143.01]/13.75 = 197.68
TOTAL E.C.S. ACHIEVED = 97 E.C.S.

PERMISSABLE AND ACHIEVED AREA CHART FOR BLUE WATER MALL AT VAISHALI, GAZIABAD

AREA CHART:-		Sq.m.
TOTAL AREA OF THE PLOT		= 2281.45
PERMISSIBLE FAR (EXISTING)		= 6781.46
TOTAL ACHIEVED FAR		= 6355.29
PROP. GROUND COVERAGE		= 845.31

FOR SAWHNEY BUILDERS PVT. LTD.

Architects: **AMIT GANGLI**
Registration No. 2385

B. R. SINGH
Structural Engineer

PROPOSED COMM. BLUE WATER MALL, SECTOR-3 VAISHALI, GAZIABAD

OWNER: **SAWHNEY BUILDERS PVT. LTD.**
A-18, SEC-18, NOIDA-201301

Architect: **MODARCHINDIA**
ARCHITECTS, ENGINEERS & PLANNERS
F-18, SECTOR-41, NOIDA
MODARCHINDIA.COM

DATE: 11/07/2024
SCALE: 1:100
JOB NO: 11/07/2024
DWG NO: BWM/1

AREA CALCULATION