

FAR AREA AT 1ST LVL -TOWER -4b				
ADDITIONS (A)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
A	1	27.980	16.445	459.802
TOTAL(A) =				459.802
DEDUCTION (B)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	0.775	10.100	7.828
2	1	1.535	2.260	3.447
3	1	5.065	0.140	0.708
4	1	5.065	4.440	22.577
5	1	0.400	4.300	1.720
6	1	2.860	6.830	19.551
7	1	1.800	10.485	18.776
8	1	0.120	4.120	0.494
9	1	0.280	1.270	0.356
10	1	2.125	1.410	2.998
11	1	2.265	0.400	0.906
12	1	2.525	1.660	4.191
13	1	6.255	1.690	10.571
14	1	7.820	3.230	25.259
15	1	1.290	1.330	1.716
16	2	1.250	1.470	3.675
17	1	4.430	0.700	3.101
18	1	8.830	1.330	11.744
19	1	4.920	0.400	1.968
20	1	4.920	3.160	15.547
21	1	2.695	0.160	0.431
22	1	1.985	0.400	0.794
23	1	0.400	6.560	2.624
24	1	0.130	5.315	0.691
TOTAL				171.434
SERVICE SHAFT & LIFT (C)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
L1	2	2.050	2.145	8.795
L2	1	2.050	2.750	5.638
S2	1	1.370	0.570	0.781
S3	2	0.675	0.995	1.289
S4	1	0.500	0.570	0.285
S5	1	0.770	0.570	0.439
S6	1	0.700	1.560	1.092
S7	1	1.065	0.750	0.799
TOTAL SERVICES AREA				19.117
NON FAR/STAIRCASE (D)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FS1	1	3.570	3.480	12.424
FS2	1	2.650	4.605	12.203
TOTAL				24.627
STAIRCASE WELL (E)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
W1	1	1.900	0.880	1.672
TOTAL NON FAR AREA (D)+(E)				22.955
TOTAL FAR AREA AT 1ST LVL = ADDITION(A) - DEDUCTION (B+C+D)=				19.718
S.Q. MT				19.718



DOOR WINDOW SCHEDULE					
TYPE	WIDTH	HEIGHT	SILL LVL	LINTEL LVL	REMARKS
D1	1050	2400	+0.00	2400	ENTRANCE (ONE HOUR FIRE RATED DOOR)
D2	900	2250	+0.00	2250	BEDROOMS
D3	750	2250	+0.00	2250	TOILETS
SD1	1335	2400	+0.00	2400	BEDROOM
SD2	1805	2400	+0.00	2400	LIVING/DINING
SD3	2000	2400	+0.00	2400	BEDROOM
SD4	2450	2400	+0.00	2400	MASTER BEDROOM
DW	1000	1350	+1050	2400	KITCHEN
V1	625	1350	+1050	2400	TOILETS
V2	675	1350	+1050	2400	TOILETS
V3	600	1350	+1050	2400	TOILETS
V4	750	1350	+1050	2400	TOILETS
FHC	1320	2000	+100	2100	FIRE HOSE CABINET
FD	1000	2000	+100	2100	ONE HOUR FIRE RATED DOOR
FD1	665	2100	+100	2100	ONE HOUR FIRE RATED DOOR
FD2	500	2000	+100	2100	ONE HOUR FIRE RATED DOOR
FD3	750	2000	+100	2100	ONE HOUR FIRE RATED DOOR
FD4	1250	2100	+100	2100	ONE HOUR FIRE RATED DOOR
GL1	5245	2400	+0.00	2400	GLAZING

NOTE-INTERNAL PIPE WILL BE IN PVC CONFORMING TO IS 16534

LEGEND:-		
SYMBOL	DESCRIPTION	HEIGHT
○	SMOKE DETECTOR	CEILING
●	HEAT DETECTOR	CEILING
○	MANUAL CALL POINT	1200MM
○	TELEPHONE JACK	1200MM
○	HOTTER	2150MM
○	EXIT SIGN	CEILING

NOTE- THE DISTANCE BETWEEN DETECTOR TO THE DETECTOR SHALL BE 6.5 TO 7 MEETER.

LEGEND:-	
FHC	FIRE HOSE CABINET
○	PENDENT TYPE SPRINKLER
○	SIDE WALL SPRINKLER
○	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
○	4.5 kg CO2 TYPE FIRE EXTINGUISHER
○	BUTTER FLY VALVE
○	FLOW INDICATING SWITCH

NOTE-
EACH FIRE HOSE CABINET SHALL CONSIST OF
1 No. - GUNMETAL SINGLE HEADED HYDRANT
2 Nos. - FIRE HOSES 63mm 15M LONG WITH ACCESSORIES.
1 No. - SHORT BRANCH
1 No - FIRST AID HOSE REEL
2 Nos - FIRE EXTINGUISHERS
1 No - FIRE MAN'S AXE.

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TOTAL(A) =				459.802
DEDUCTION (B)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	0.240	4.120	0.989
2	2	1.535	4.200	12.894
3	1	4.695	0.140	0.657
4	1	5.065	0.140	0.708
5	2	5.085	4.440	45.155
6	2	0.400	4.300	3.440
7	1	2.650	6.830	18.170
8	1	0.120	4.120	0.494
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S.Q. MT				19.718

V Consulting
Fire Consulting
(Fire Fighting, Electrical & Ventilation)
B-50, Basement
Somi Nagar, New Delhi

CERTIFIED THAT THESE PLANS ARE AS PER ORIGINAL PLANS APPROVED BY DG, TCP, CHANDIGARH VIDE MEMO NO. LC-4175/JE (DS)/2022/27733
DATED : 12-09-2022
GIAN P. MATHUR
ARCHITECT
B. Arch., M. A. I. A.
CA No. 58769

OWNER. SIG. ARCHITECT. SIG.

OWNER,S NAME :
Vibrant infratech Pvt. Ltd & Others
In Collaboration with Union Buildmart Pvt.

Architect:
GIAN P. MATHUR AND ASSOCIATES (P) LTD.
C - 55, East Of Kailash, New Delhi-110065
T : 011-46599599 / F 011-46599512
E : info@gpmindia.com / W : www.gpmindia.com

Project Title
GROUP HOUSING COLONY
UNDER (MIX LAND USE) TOD ZONE FOR
(86% GH COMPONENT & 14% COMMERCIAL COMPONENT)
ON THE AREA MEASURING 15.03125 ACRES
(LICENCE NO :106 OF 2021, DATED 16.12.2021)
AT SECTOR -113, GURUGRAM

Status
Sheet Title RESIDENTIAL BLOCK-Tower-4 (a & b)
1ST LVL LAYOUT &
AREA DETAILS
FIRE DEDICATION & FIRE FIGHTING LAYOUT
Owner's Sign Architect's Sign

SCALE: 1:100
DATE: DWG. No.
SD/FD/M3M-113/T-4/102