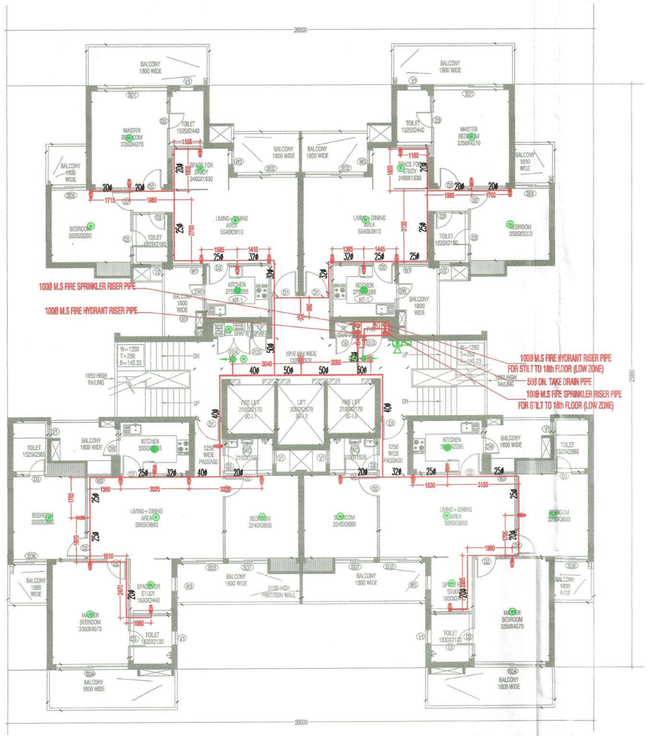
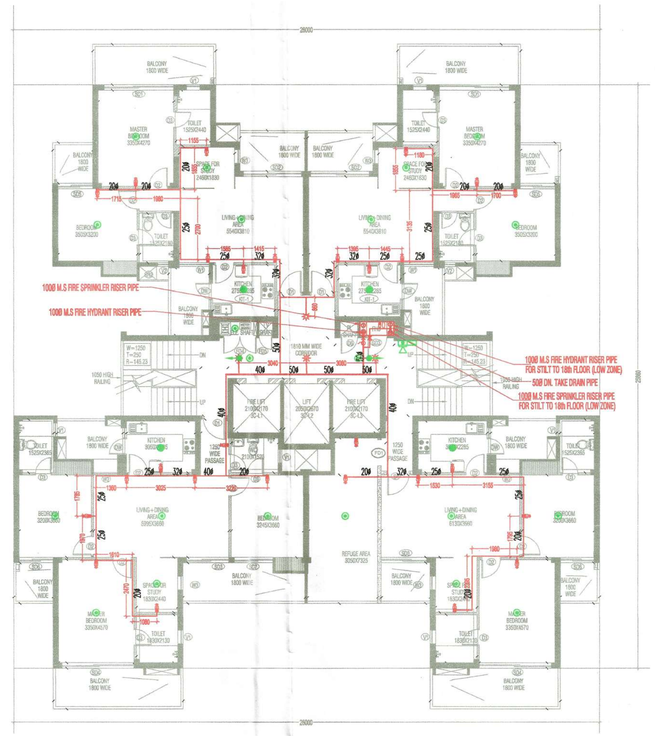


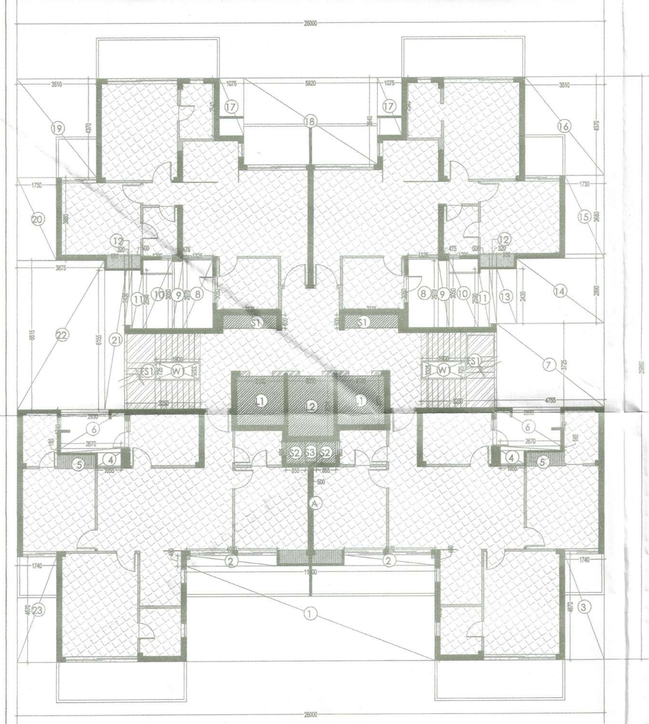
TOWER-3C
TYPICAL FLOOR PLAN
(2nd-19th,21st-29th,31st-36th)



TOWER-3C
REFUGE FLOOR PLAN
AT 20TH FLOOR (Lvl +61850)
AT 30TH FLOOR (Lvl +92350)

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

2BHK+STUDY(TOWER-3C)
CARPET AREA



TOWER-3C
TYPICAL FLOOR PLAN - AREA DIAGRAM
2nd-19th,21st-29th, 31st-36th

FAR AREA AT TYPICAL LVL -TOWER -3C

(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
A	1	26.000	25.560	672.360
TOTAL(A) =				672.360

DEDUCTION (B)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	11.000	4.210	46.310
2	2	4.070	0.460	3.688
3	1	1.740	4.670	8.126
4	2	1.055	0.600	1.266
5	2	2.670	0.185	0.988
6	2	2.930	1.740	9.945
7	1	4.755	3.725	17.712
8	2	1.325	3.050	8.083
9	2	2.970	0.475	2.822
10	2	1.260	3.050	7.686
11	2	2.590	0.500	2.590
12	2	0.320	2.430	1.555
13	1	0.880	2.430	2.138
14	1	3.875	2.890	11.199
15	1	1.750	3.660	6.366
16	1	3.540	4.370	15.539
17	2	1.075	2.540	5.461
18	1	5.920	3.840	22.733
19	1	3.510	4.370	15.338
20	1	1.730	3.680	6.366
21	1	0.880	6.155	5.416
22	1	3.875	6.615	25.633
23	1	1.750	2.675	4.681
TOTAL				234.974

SERVICE SHAFT & LIFT (C)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
L1	2	2.100	2.170	9.114
L2	1	2.000	2.670	5.474
S1	2	2.375	0.600	2.850
S2	2	0.955	0.965	1.650
S3	1	0.500	0.880	0.443
TOTAL SERVICES AREA				19.530

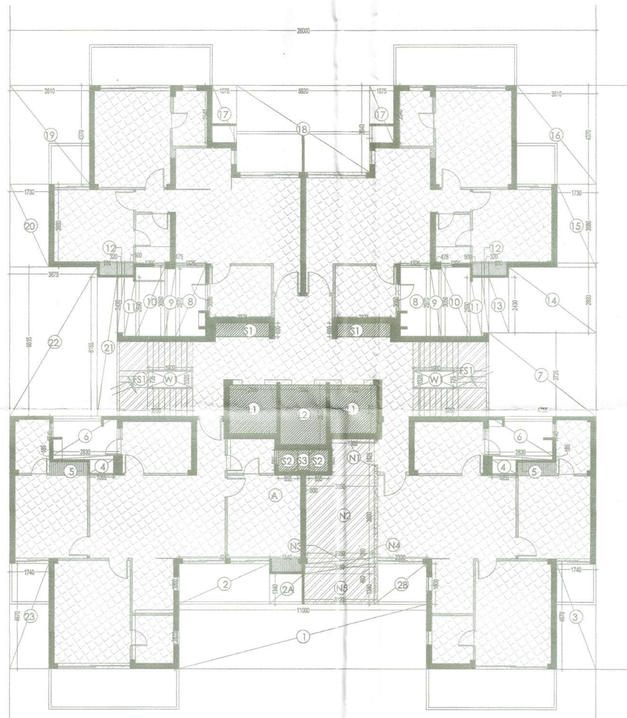
NON FAR/ STAIRCASE (D)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FS1	2	3.250	3.325	21.613

STAIRCASE WELL (E)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
W1	2	1.900	0.725	2.755
TOTAL NON FAR AREA (D) - (E)				19.858

TOTAL FAR AREA AT TYPICAL LVL. = ADDITION(A) - DEDUCTION (B+C+D)=				
672.360	-	234.974	-	19.530
-	21.613	=		396.243 SQ.MT



TOWER-3C
REFUGE FLOOR PLAN - AREA DIAGRAM
AT 20TH FLOOR (Lvl +61850)
AT 30TH FLOOR (Lvl +92350)

FAR AREA AT 20TH&30TH LVL -TOWER -3C

(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
A	1	26.000	25.560	672.360
TOTAL(A) =				672.360

DEDUCTION (B)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	11.000	2.870	31.570
2	1	4.070	1.650	7.216
3A	1	1.740	1.340	2.332
3B	1	2.330	1.660	4.798
3	1	1.740	4.670	8.126
4	2	1.055	0.600	1.266
5	2	2.670	0.185	0.988
6	2	2.930	1.740	9.945
7	1	4.755	3.725	17.712
8	3	1.325	3.050	8.083
9	2	2.970	0.475	2.822
10	2	1.260	3.050	7.686
11	2	2.590	0.500	2.590
12	2	0.320	2.430	1.555
13	1	0.880	2.430	2.138
14	1	3.875	2.890	11.199
15	1	1.730	3.680	6.366
16	1	3.510	4.370	15.338
17	2	1.075	2.540	5.461
18	1	5.920	3.840	22.733
19	1	3.510	4.370	15.338
20	1	1.730	3.680	6.366
21	1	0.880	6.155	5.416
22	1	3.875	6.615	25.633
23	1	1.750	4.675	8.181
TOTAL				256.601

SERVICE SHAFT & LIFT (C)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
L1	2	2.100	2.170	9.114
L2	1	2.000	2.670	5.474
S1	2	2.375	0.600	2.850
S2	2	0.955	0.965	1.650
S3	1	0.500	0.880	0.443
TOTAL SERVICES AREA				19.530

NON FAR/ STAIRCASE (D)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FS1	2	3.250	3.325	21.613
N1	1	1.965	1.625	3.056
N2	4	1.650	3.050	11.192
N3	1	2.960	0.340	0.966
N4	1	3.050	0.450	1.403
N5	1	2.100	1.340	4.130
TOTAL				42.160

STAIRCASE WELL (E)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
W1	2	1.900	0.725	2.755
TOTAL NON FAR AREA (D) + (E)				63.915

TOTAL FAR AREA AT 20TH&30TH LVL. = ADDITION(A) - DEDUCTION (B+C+D)=				
672.360	-	230.601	-	19.530
-	42.160	=	380.845	SQ.MT

TOTAL REFUGE AREA AT 20TH&30TH LVL. TOWER-3C

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
N1	1	1.965	1.625	3.056
N2	1	1.650	3.050	5.033
N3	1	2.960	0.340	0.966
N4	1	3.050	0.450	1.403
N5	1	2.100	1.340	4.130
TOTAL				14.588

Gross Area at 20/30LVL(In Feet (FAR + NON FAR)		420.197
Gross Area at 20/30LVL(In Feet FAR + NON FAR)		417.280
TOTAL FAR		318.407
NO. OF PERSON		
FAR OF DEDUCTION=15%(REFUGE)		59.477
ADDITIONAL AREA FOR OVER HEAD REQUIREMENT		n.a
REFUGE AREA REQUIRED INCLUP PERSON X 0.5+ ADDITIONAL AREA FOR WHEEL CHAIR		29.549
REFUGE AREA PROVIDED		29.592

Key Plan



LEGEND:-

SYMBOL	DESCRIPTION	HEIGHT
	SMOKE DETECTOR	CEILING
	HEAT DETECTOR	CEILING
	MANUAL CALL POINT	1200MM
	TELEPHONE JACK	1200MM
	HOOTER	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 CO_2 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.

LEGEND:

AREA FAR
AREA NON FAR
SERVICE SHAFT (CUTOUT)

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

Architect:

GIAN P. MATHUR AND ASSOCIATES (P) LTD.
C - 55, East Of Kailash, New Delhi-110065
T : 011-46509599 / F 011-46509512
E : info@gpmindia.com / W : www.gpmindia.com

Project Title:

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

Status: SUBMISSION DRAWING

Sheet Title: RESIDENTIAL BLOCK-Tower-3C
TYPICAL, REFUGE LAYOUT & AREA DETAILS
FIRE DEDICATION & FIRE FIGHTING LAYOUT

V Consulting
Fire Consultant
(Fire Fighting, Electrical & Ventilation)
B-50, Basement
Beanl 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.C.A.I.A
CA No. 80/5769

OWNER SIG. ARCHITECT SIG.

Owner's Sign | Architect's Sign

GIAN P. MATHUR
ARCHITECT
B. Arch., M.C.A. I.I.A
CA No. 80/5769

SCALE: 1: 125
DATE:
DWG. No.
SD/FD/M3M-113/T-3C/102