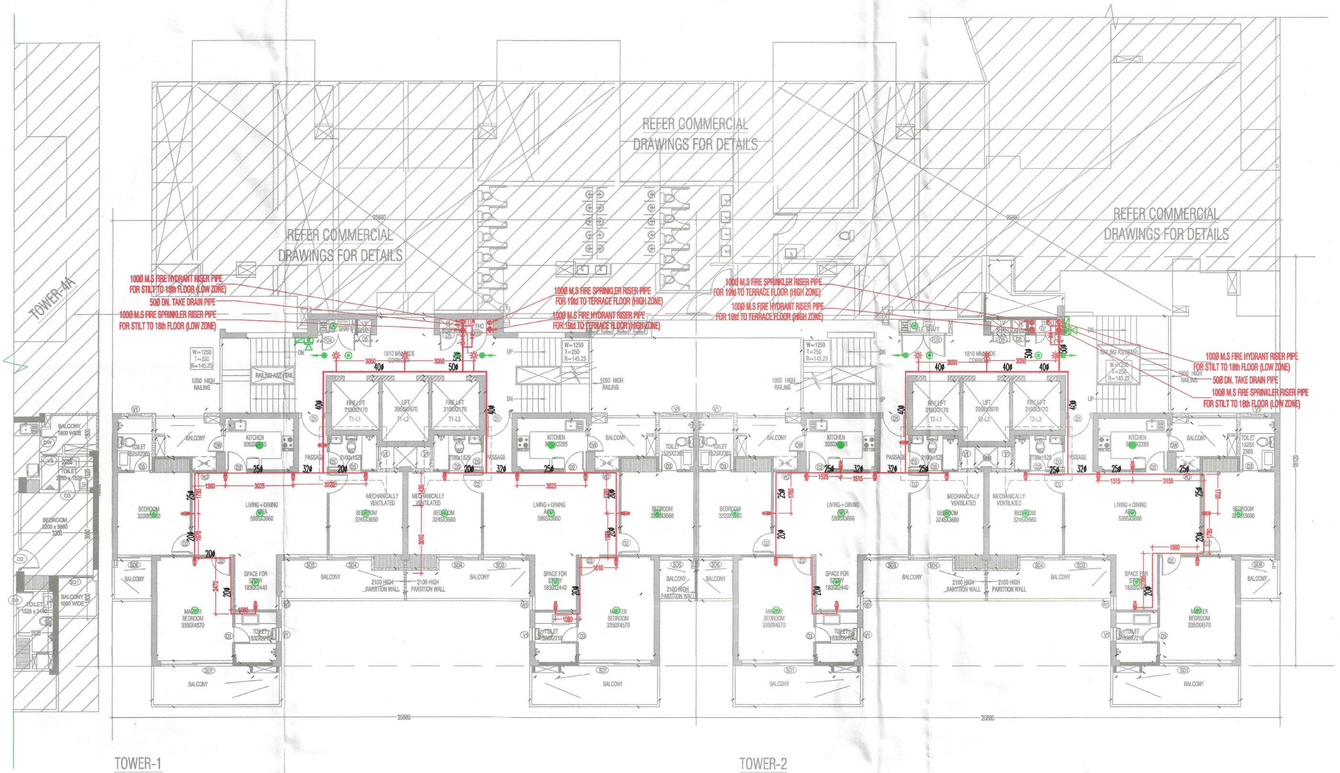


TOWER-1
1st -4th FLOOR PLAN

TOWER-2
1st -4th FLOOR PLAN

DOOR & WINDOW SCHEDULE						
TOWER-1&2						
S.NO.	SYMBOL	SIZE	CILL LVL	LINTEL LVL	LOCATION	REMARKS (MATERIALS)
1	GL1	3185X2400	-	2400	ENTRANCE DOOR TO TOWER	UPVC/DP
2	SD1	3090X2400	-	2400	MASTER BEDROOM	UPVC/SD
3	SD1a	3190X2400	-	2400	MASTER BEDROOM	UPVC/SD
4	SD2	2800X2400	-	2400	LIVING/DINING	UPVC/SD
5	SD3	1870X2400	-	2400	LIVING/DINING	UPVC/SD
6	SD4	1750X2400	-	2400	BEDROOM	UPVC/SD
7	SD4a	1735X2400	-	2400	BEDROOM	UPVC/SD
8	SD5	1540X2400	-	2400	BEDROOM	UPVC/SD
9	SD6	1500X2400	-	2400	BEDROOM	UPVC/SD
10	D1	1050X2400	-	2400	ENTRANCE	ONE HOUR FIRE RATED DOOR
11	D2	900x2250	-	2250	BED ROOMS	WD/FLUSH DOOR
12	D3	750X2250	-	2250	TOILETS	WD/FLUSH DOOR
13	D4	900X2100	-	2100	MUMTY	WD/FLUSH DOOR
14	D5	775X2000	100	2100	PL SHAFT	WD/FLUSH DOOR
15	D6	600X2000	100	2100	LV SHAFT	WD/FLUSH DOOR
16	D7	900X2000	100	2300	FHC	
17	V1	600X1350	1050	2400	TOILET	UPVC
18	V2	480X1350	1050	2400	TOILET	UPVC
19	W1	1325X1500	900	2400	LIVING/DINING	UPVC/DP
20	W2	1055X1500	900	2400	LIVING/DINING	UPVC/DP
21	W3	600X1500	900	2400	STUDY ROOM	UPVC/DP
22	W4	1115X1500	900	2400	BED ROOMS	UPVC/DP
23	DW	1200X1350	1050	2400	KITCHEN	UPVC/DP
24	FD1	1250X2100	-	2100	REFUGE LEVEL	FIRE RATED DOOR
25	FD2	1200X2100	-	2100	STAIRCASE	FIRE RATED DOOR
26	FD3	2000X2000	100	2100	ELECTRICAL SHAFT	FIRE RATED DOOR
27	FD4	1500X2000	100	2100	ELECTRICAL SHAFT	FIRE RATED DOOR
28	GD3	900X2100	100	2100	FHC DOOR	GLASS DOOR

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

Key Plan



NOTE:-
W.C SHOULD BE MECHANICALLY VENTILATED AT EVERY FLOOR

LEGEND:

- AREA FAR
- AREA NON FAR
- SERVICE SHAFT (CUTOUT)
- 2 HRS. FIRE RATED FULL HEIGHT WALL

LEGEND:–

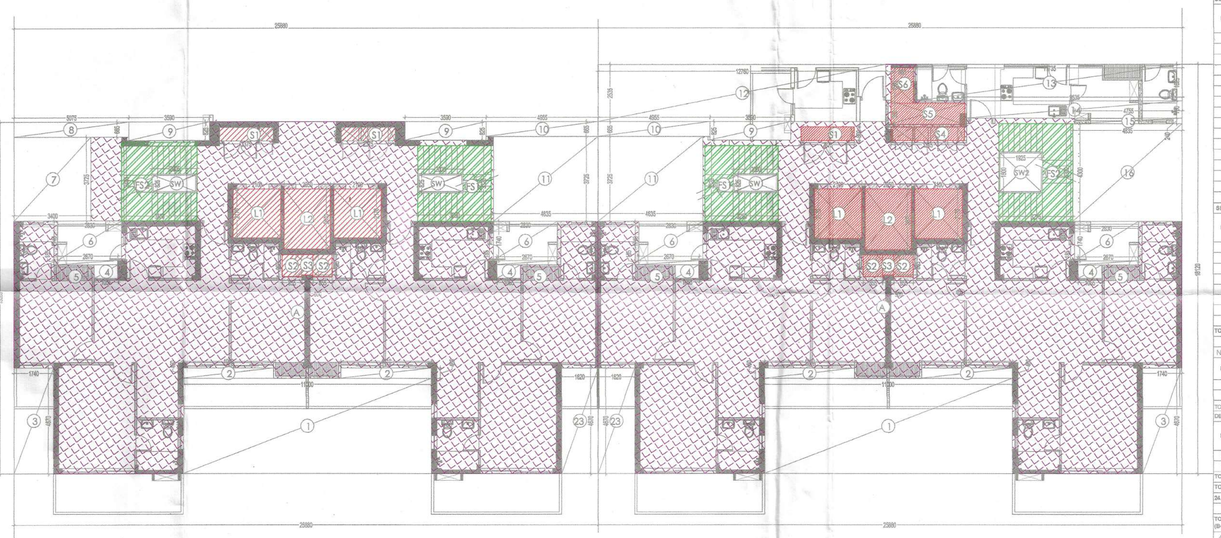
FHC	FIRE HOSE CABINET
	PENDENT TYPE SPRINKLER
	SIDE WALL SPRINKLER
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO_2 TYPE FIRE EXTINGUISHER
	BUTTER FLY VALVE
	FLOW INDICATING SWITCH

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.

FAR AREA AT FIRST-FIFTH FLOOR LVL -TOWER -1				
(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	25.580	15.585	403.340
TOTAL(A) =				403.346
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	4.010	0.460	3.689
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	2.830	1.740	9.848
7	1	3.400	3.725	12.665
8	1	5.075	0.665	3.375
9	2	3.590	0.825	5.924
10	1	4.955	0.665	3.295
11	1	4.635	3.725	17.265
		TOTAL		112.791
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	2.050	2.670	5.474
S1	2	2.375	0.600	2.850
S2	2	0.900	0.965	1.930
S3	1	0.500	0.885	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	1	3.250	3.325	10.806
FS2	1	3.355	3.485	11.692
TOTAL AREA				22.498
DEDUCTION (E)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
SW1	2	2.005	0.825	3.308
TOTAL=				3.308
TOTAL NON FAR AREA (F) = (D-E)				19.190
22.498	-	3.308	=	19.190
TOTAL FAR AREA AT TYPICAL LVL. = ADDITION(A) - DEDUCTION (B+C+D)=				
403.340	-	112.751	-	19.530
-	22.498	=	248.660	SQ.MT



TOWER-1
1st -4th FLOOR PLAN - AREA DIAGRAM

TOWER-2
1st -4th FLOOR PLAN - AREA DIAGRAM

FAR AREA AT FIRST TO FIFTH FLOOR LVL -TOWER -2				
(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	25.580	18.120	468.646
TOTAL(A) =				468.946
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	4.010	0.460	3.689
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	2.830	1.740	9.848
9	1	3.590	0.825	2.963
10	1	4.955	0.665	3.295
11	1	4.635	3.725	17.265
12	1	12.780	2.535	32.347
13	1	11.730	1.625	19.060
14	1	9.535	0.760	7.247
15	1	4.755	0.240	1.141
16	1	4.635	4.300	20.791
		TOTAL		174.344
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	2.050	2.670	5.474
S1	1	2.375	0.600	1.425
S2	2	0.865	0.965	1.670
S3	1	0.500	0.885	0.443
S4	1	1.245	1.555	1.937
S5	1	3.045	0.990	3.013
S6	1	0.985	1.565	1.542
TOTAL SERVICES AREA				24.676
NON FAR/ STAIRCASE (D)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FS1	1	3.250	3.325	10.806
FS2	1	3.275	4.300	14.083
TOTAL =				24.889
DEDUCTION (E)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
SW1	1	2.000	0.825	1.650
SW2	1	1.925	1.500	3.465
TOTAL =				5.115
TOTAL NON FAR AREA (F) = (D-E)				
24.889	-	5.115	=	19.774
TOTAL FAR AREA AT TYPICAL LVL. = ADDITION(A) - DEDUCTION (B+C+D)=				
468.946	-	174.344	-	24.676
-	24.889	=	245.037	SQ.MT

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 METER.

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 : 011-46599599 / 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: SUBMISSION DRAWING

Sheet Title: RESIDENTIAL BLOCK-Tower-1&2
1st-4th FLOOR PLANS &
AREA DETAILS
FIRE DEDICATION & FIRE FIGHTING LAYOUT

V Consulting
Fire Consultant
(Fire Fighting, Electrical & Ventilation)
B-50, Basement
Soami 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.I.A
CA No. 89/5769

OWNER SIG.

ARCHITECT SIG.

Owner's Sign

Architect's Sign

GIAN P. MATHUR
ARCHITECT
B. Arch., M.C.A. I.I.A
CA No. 89/5769

SCALE: 1: 125

DATE:

DWG. No.
SD/FD/M3M-113/T-1&2/102