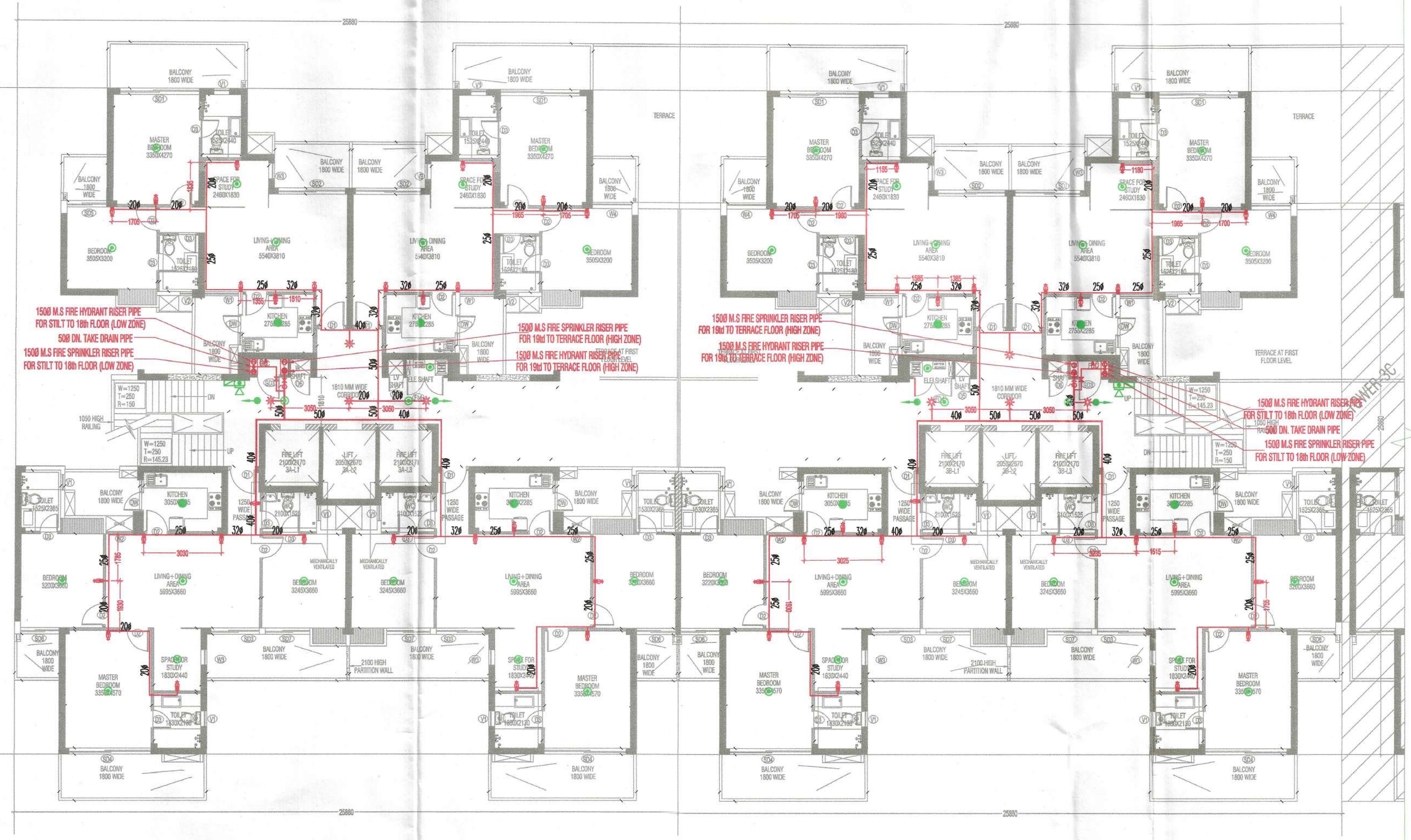
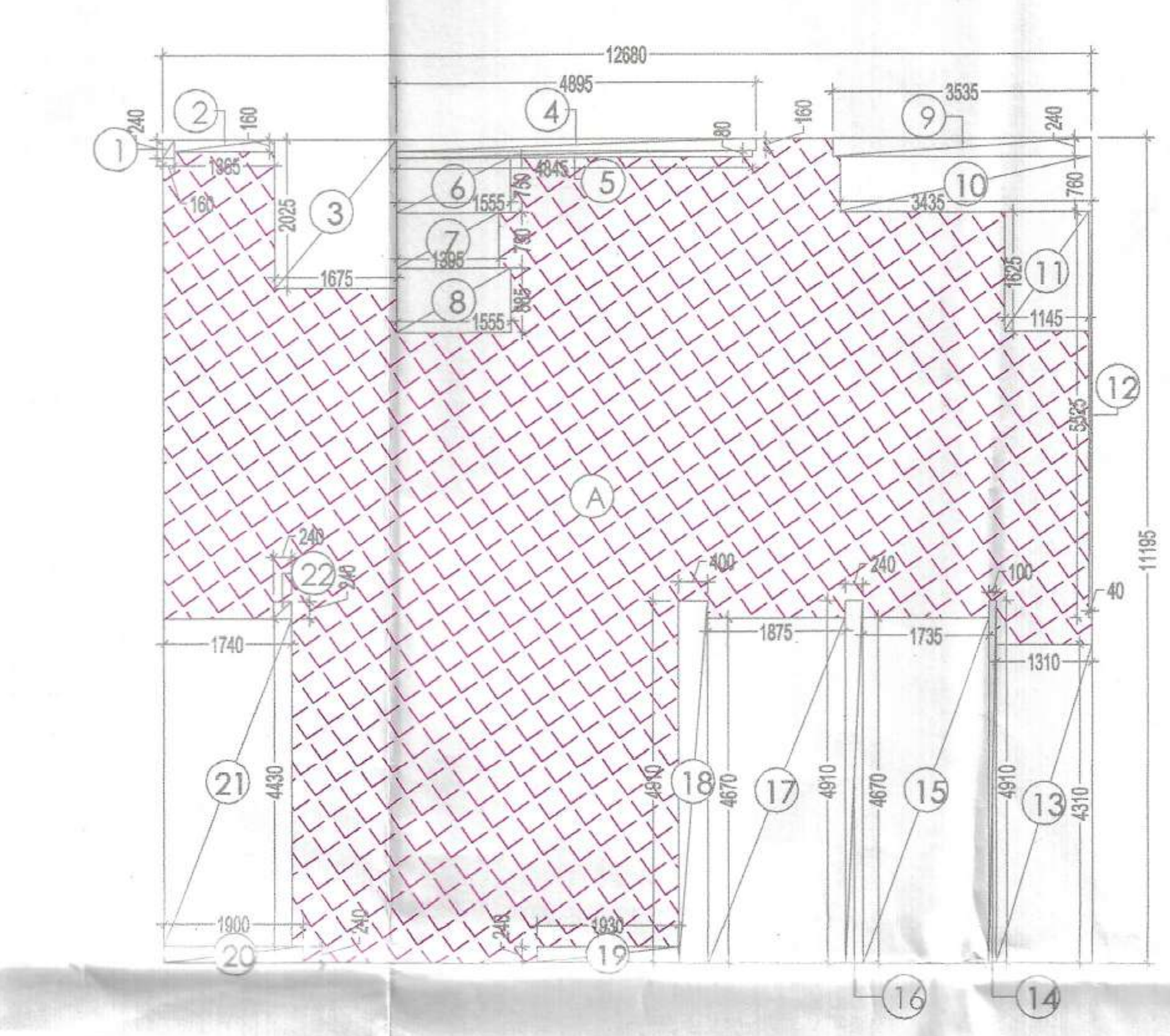




3BHK+STUDY(TOWER-3AB)
CARPET AREA

CARPET AREA (3BHK+STUDY)				
(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	12.680	11.195	141.953
TOTAL(A) =				141.953
DEDUCTION (B)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	0.160	0.240	0.038
2	1	1.600	0.160	0.256
3	1	1.800	2.025	3.645
4	1	5.000	0.160	0.800
5	1	0.080	4.845	0.388
6	1	1.555	0.750	1.166
7	1	1.500	0.750	1.125
8	1	1.800	0.885	1.593
9	1	3.540	0.240	0.850
10	1	3.435	0.760	2.611
11	1	1.145	1.625	1.861
12	1	0.040	5.525	0.221
13	1	1.310	4.400	5.764
14	1	0.100	4.915	0.492
15	1	1.735	4.700	8.155
16	1	0.240	4.910	1.178
17	1	1.875	4.700	8.813
18	1	0.400	4.910	1.964
19	1	2.000	0.240	0.480
20	1	1.900	0.240	0.456
21	1	1.740	4.450	7.743
22	1	0.240	0.240	0.058
		TOTAL		49.655
CARPET AREA OF UNIT = ADDITION(A) - DEDUCTION (B)=				
141.953	-	49.655		
		=	92.298	SQ.MT



3BHK+STUDY(TOWER-3AB)

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:-

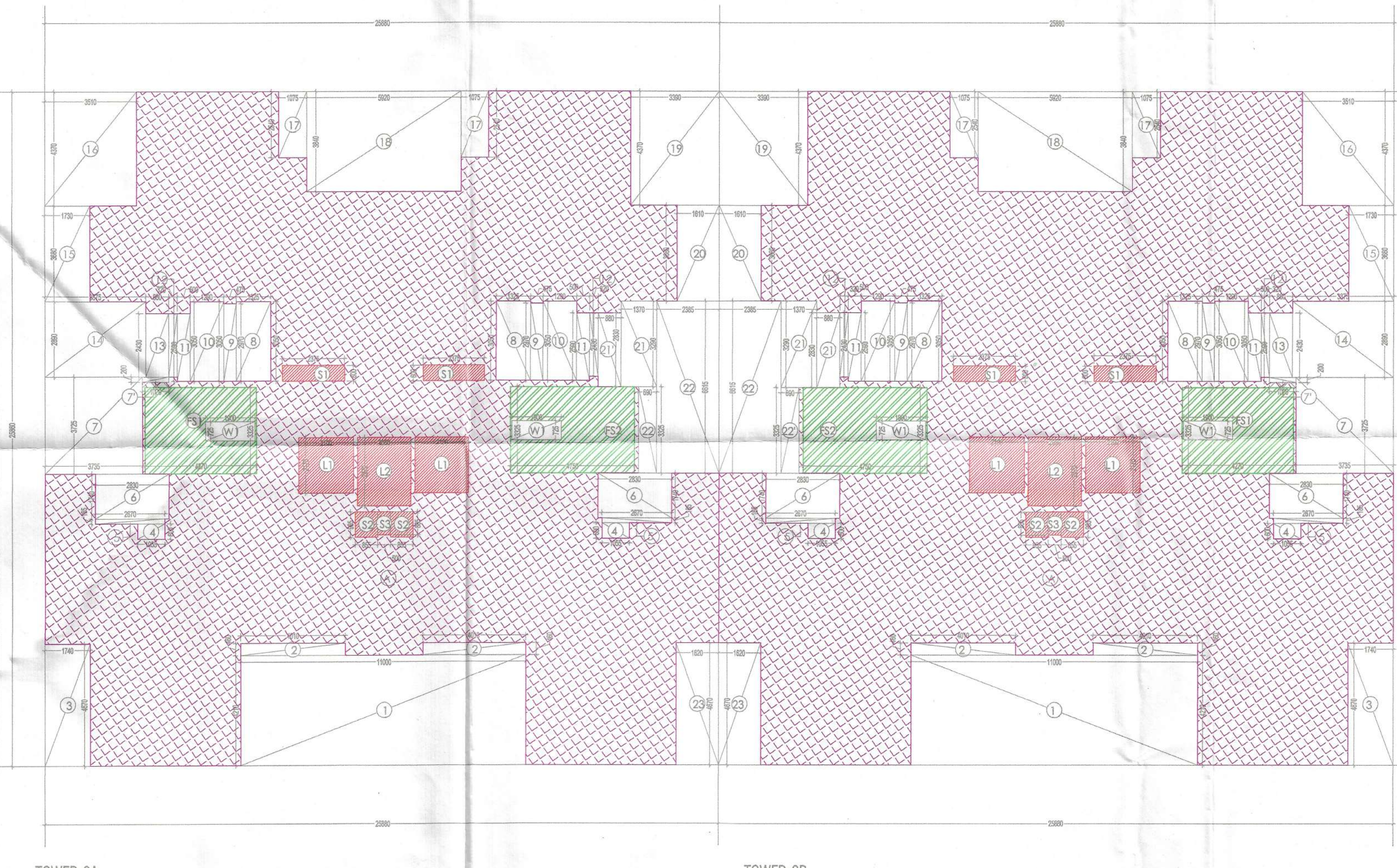
FHC	FIRE HOSE CABINET
	PENDENT TYPE SPRINKLER
	SIDE WALL SPRINKLER
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO_2 TYPE FIRE EXTINGUISHER
	BUTTER FLY VALVE
	FLOW INDICATING SWITCH

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.

FAR AREA AT FIRST LVL -TOWER -3A				
(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	25.880	25.860	669.257
TOTAL(A) =				669.257
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	3.735	3.725	13.913
7'	1	1.020	0.200	0.204
8	2	1.325	3.050	8.083
9	2	2.970	0.475	2.822
10	2	1.290	3.050	7.869
11	2	2.590	0.500	2.590
12	2	0.320	2.430	1.555
13	1	0.960	2.430	2.333
14	1	3.875	2.890	11.199
15	1	1.730	3.680	6.366
16	1	3.510	4.370	15.339
17	2	1.075	2.540	5.461
18	1	5.920	3.840	22.733
19	1	3.390	4.370	14.814
20	1	1.610	3.680	5.925
21	1	1.370	3.290	4.507
21'	1	2.830	0.880	2.490
22	1	2.385	6.615	15.777
22'	1	0.690	3.325	2.294
23	1	1.620	4.670	7.565
TOTAL				224.066
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	0.855	0.965	1.650
S3	1	0.500	0.885	0.443
TOTAL SERVICES AREA				19.530
STAIRCASE(D)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FS1	1	4.270	3.325	14.198
FS2	1	4.750	3.325	15.794
TOTAL				29.992
STAIRCASE WELL DEDUCTION (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 = STAIRCASE(D) - STAIRCASE WELL (E)				
29.992	-	2.755	=	27.237
TOTAL FAR AREA AT FIRST LVL. = ADDITION(A) - DEDUCTION (B+C+D)=				
669.257	-	224.066	-	19.530
-	29.992	=	395.669	SQ.MT



FAR AREA AT FIRST LVL -TOWER -3B				
(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	25.880	25.860	669.257
TOTAL(A) =				669.257
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	3.735	3.725	13.913
7'	1	1.020	0.200	0.204
8	2	1.325	3.050	8.083
9	2	2.970	0.475	2.822
10	2	1.290	3.050	7.869
11	2	2.590	0.500	2.590
12	2	0.320	2.430	1.555
13	1	0.960	2.430	2.333
14	1	3.875	2.890	11.199
15	1	1.730	3.680	6.366
16	1	3.510	4.370	15.339
17	2	1.075	2.540	5.461
18	1	5.920	3.840	22.733
19	1	3.390	4.370	14.814
20	1	1.610	3.680	5.925
21	1	1.370	3.290	4.507
21'	1	2.830	0.880	2.490
22	1	2.385	6.615	15.777
22'	1	0.690	3.325	2.294
23	1	1.620	4.670	7.565
TOTAL				224.066
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	0.855	0.965	1.650
S3	1	0.500	0.885	0.443
TOTAL SERVICES AREA				19.530
STAIRCASE(D)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FS1	1	4.270	3.325	14.198
FS2	1	4.750	3.325	15.794
TOTAL				29.992
STAIRCASE WELL DEDUCTION (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 = STAIRCASE(D) - STAIRCASE WELL (E)				
29.992	-	2.755	=	27.237
TOTAL FAR AREA AT FIRST LVL. = ADDITION(A) - DEDUCTION (B+C+D)=				
669.257	-	224.066	-	19.530
-	29.992	=	395.669	SQ.MT

LEGEND:-

	AREA FAR
	AREA NON FAR
	SERVICE SHAFT (CUTOUT)
	REFUGE AREA WITH 2-HR. FIRE RATED FULL HEIGHT WALLS

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

DOOR & WINDOW SCHEDULE						
S.NO.	SYMBOL	SIZE	CILL LVL	LINTEL LVL	LOCATION	REMARKS (MATERIALS)
1	GL4	3260X2400	-	2400	ENTRANCE LOBBY AT UB	UPVC/OP
2	GL3	3000X2400	-	2400	ENTRANCE LOBBY AT UB	UPVC/OP
3	GL2	5000X2400	-	2400	ENTRANCE DOOR TO TOWER AT GR.LVL	UPVC/OP
4	GL1	4400X2400	-	2400	ENTRANCE DOOR TO TOWER AT UB	UPVC/OP
5	GL	4940X2400	-	2400	ENTRANCE DOOR TO TOWER AT LB	UPVC/OP
6	SD1	3090X2400	-	2400	MASTER BEDROOM	UPVC/SD
7	SD2	2600X2400	-	2400	LIVING/DINING	UPVC/SD
8	SD3	1875x2400	-	2400	LIVING/DINING	UPVC/SD
9	SD4	3190X2400	-	2400	MASTER BEDROOM	UPVC/SD
10	SD5	1540X2400	-	2400	BEDROOM	UPVC/SD
11	SD6	1520X2400	-	2400	BEDROOM	UPVC/SD
12	SD7	1735X2400	-	2400	BEDROOM	UPVC/SD
13	D1	1050X2400	-	2400	ENTRANCE	ONE HOUR FIRE RATED DOOR
14	D2	900x2250	-	2250	BED ROOMS	WD/FLUSH DOOR
15	D3	750X2250	-	2250	TOILETS	WD/FLUSH DOOR
16	D4	900x2100	-	2100	MUMTY	
17	D5	600X2100	-	2100	LV SHAFT DOOR	ONE HOUR FIRE RATED DOOR
18	D6	750X2100	-	2100	PL SHAFT DOOR	ONE HOUR FIRE RATED DOOR
19	V1	600X1350	1050	2400	TOILET	UPVC
20	V2	480X1350	1050	2400	TOILET	UPVC
21	W1	1325X1500	900	2400	LIVING/DINING	UPVC/OP
22	W2	1055X1500	900	2400	LIVING/DINING	UPVC/OP
23	W3	600X1500	900	2400	STUDY ROOM	UPVC/OP
23	W4	1540X1200	1200	2400	BEDROOM	UPVC/OP
24	DW	1200X1350	1050	2400	KITCHEN	UPVC/OP
25	FD1	1250X2100	-	2100		ONE HOUR FIRE RATED DOOR
26	FD1'	1100X2100	-	2100		ONE HOUR FIRE RATED DOOR
27	GD3	900X2100	-	2100		GLASS DOOR FOR FHC
28	FD4	1500X2100	-	2100	ELECTICAL SHAFT	ONE HOUR FIRE RATED DOOR
REMARKS	WD/FD = WOODEN FLUSH DOOR					
	UPVC/SD = UPVC/ SLIDING					

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-3A,3B
FIRST FLOOR LAYOUT &
AREA DETAILS
FIRE DEDICATION & FIRE FIGHTING LAYOUT

Owner's Sign

Architect's Sign

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

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. 80/5769

OWNER SIG. ARCHITECT SIG.

SCALE: 1: 125

DATE:

DWG. No.
SD/FD/M3M-113/T-3AB/102