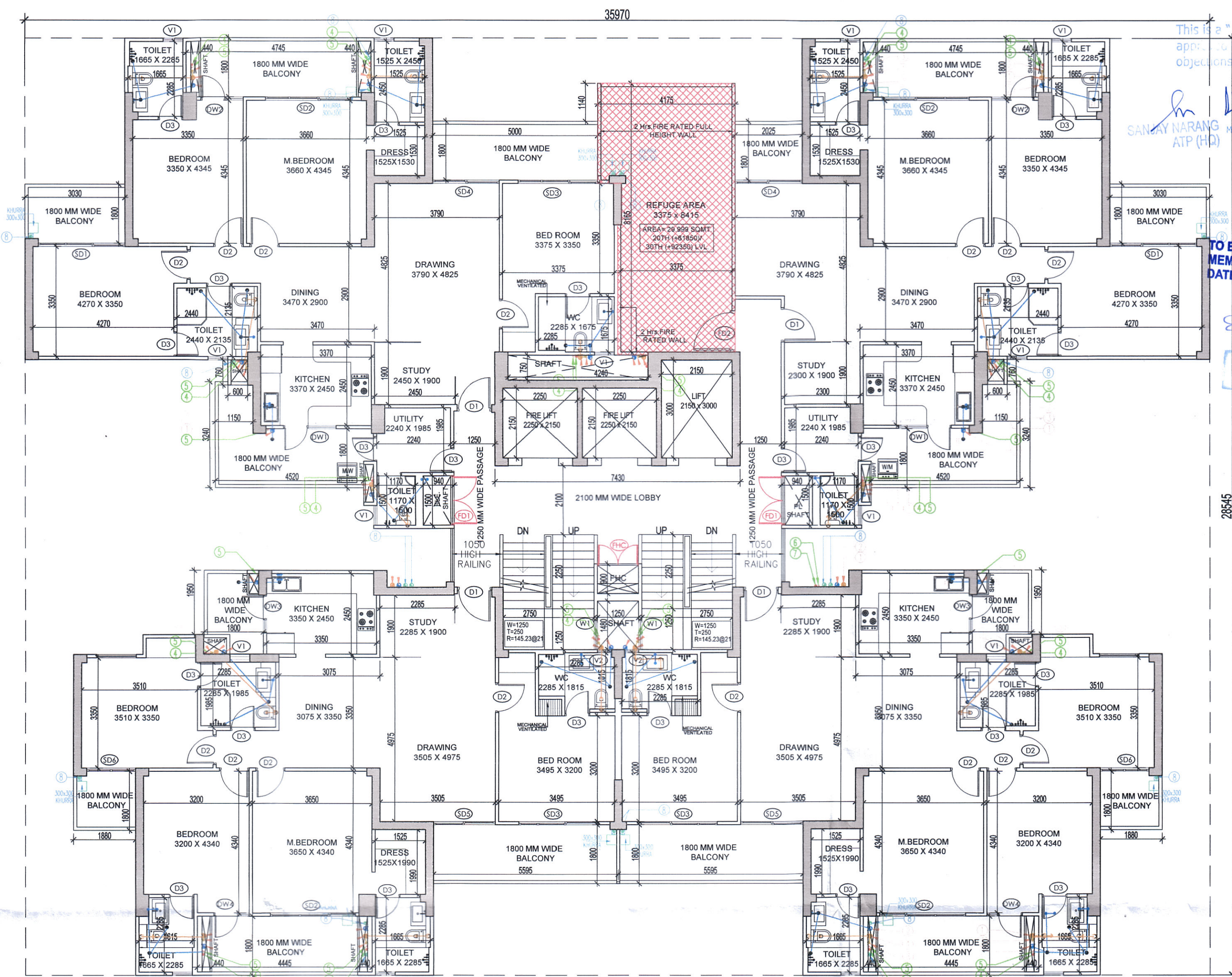
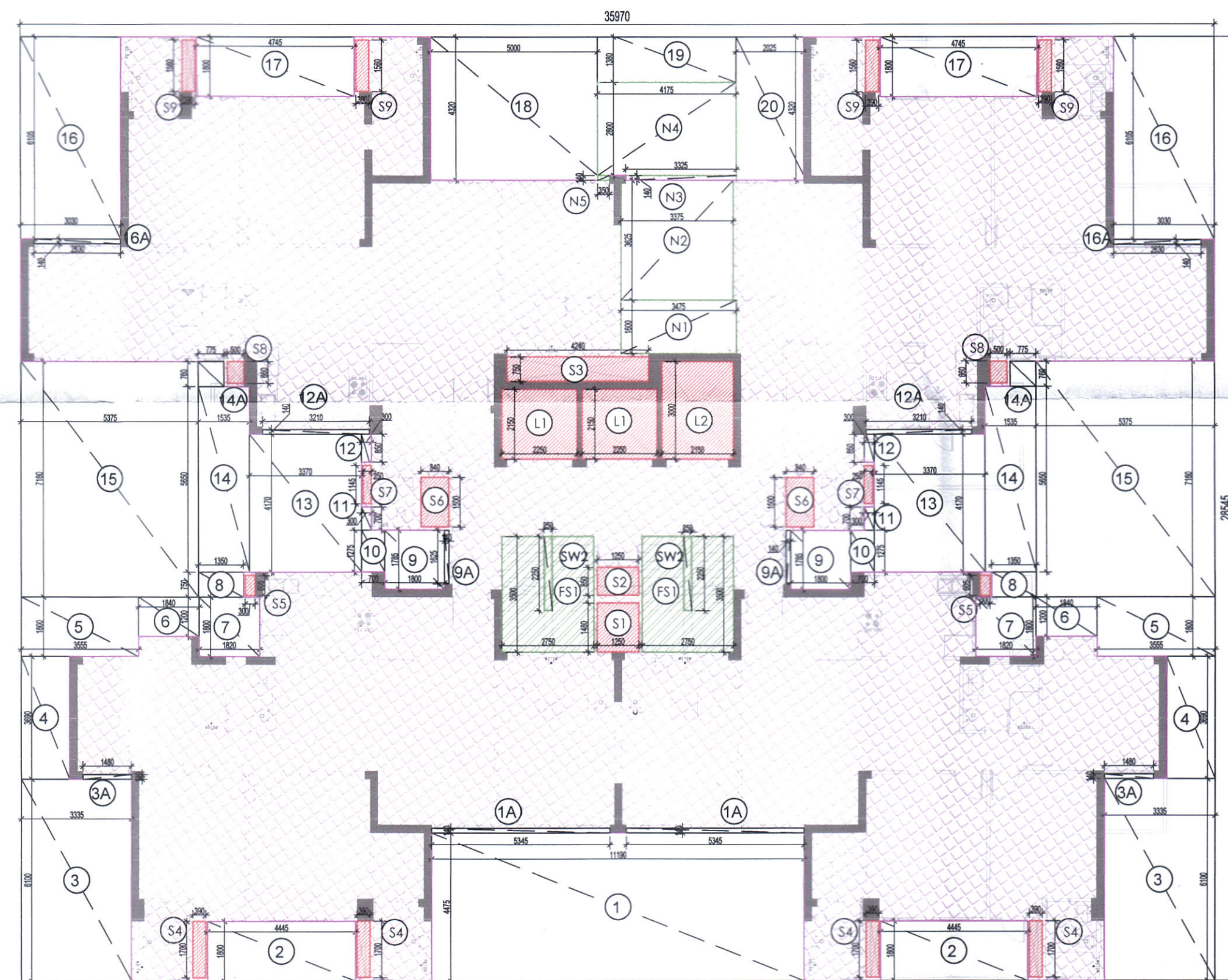




TOWER-6A (REFUGE)
20TH & 30TH LVL LAYOUT (LVL= +61850 / +92350)



TOWER-6A
20TH & 30TH LVL AREA DIAGRAM (REFUGE FLOOR)

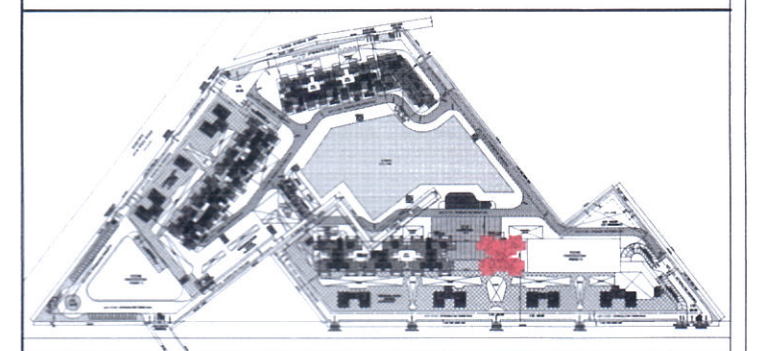
Checked and found ok for Public Health
(Internal) Service only subject to comments in
in forwarding letter No. SE/HQ/..... DW/.....

Superintending Engineer (HQ)
for Chief Engineer-I
HVP, Panchkula
SDE/US/1

FAR AREA AT 20TH/30TH LVL -TOWER -6A (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	35.970	28.545	1026.764
TOTAL(A) =				1026.764
DEDUCTION (B)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	11.190	4.475	50.075
1A	2	5.345	0.140	1.497
2	2	4.445	1.800	16.002
3	2	3.335	6.100	40.687
3A	2	1.480	0.140	0.414
4	2	1.455	3.690	10.738
5	2	3.555	1.800	12.798
6	2	1.840	1.200	4.416
7	2	1.820	1.800	6.552
8	2	1.350	0.750	2.025
9	2	1.800	1.785	6.428
9A	2	0.140	1.625	0.455
10	2	0.700	1.275	1.785
11	2	0.300	0.700	0.420
12	2	0.300	0.850	0.510
12A	2	3.210	0.140	0.899
13	2	3.370	4.170	28.106
14	2	1.535	5.650	17.346
14A	2	0.775	0.760	1.178
15	2	5.375	7.160	76.970
16	2	3.030	6.105	36.996
16A	2	2.630	0.140	0.736
17	2	4.745	1.800	17.082
18	1	5.000	4.320	21.600
19	1	4.175	1.380	5.762
20	1	2.025	4.320	8.748
TOTAL				370.222
SERVICE SHAFT & LIFT (C)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
L1	2	2.250	2.150	9.675
L2	1	2.150	3.000	6.450
S1	1	1.250	1.480	1.850
S2	1	1.250	0.850	1.063
S3	1	4.240	0.750	3.180
S4	4	0.390	1.700	2.652
S5	2	0.300	0.605	0.363
S6	2	0.840	1.500	2.520
S7	2	0.250	1.145	0.573
S8	2	0.500	0.660	0.660
S9	4	0.390	1.560	2.434
TOTAL SERVICES AREA				31.419
NON FAR/ STAIRCASE (D)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FS1	2	2.750	3.500	19.250
N1	1	3.475	1.600	5.560
N2	1	3.375	3.625	12.234
N3	1	3.325	0.140	0.466
N4	1	4.175	2.800	11.690
N5	1	0.350	0.140	0.049
TOTAL NON FAR				49.249
DEDUCTION (E)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
SW2	2	0.250	2.250	1.125
TOTAL=				1.125
TOTAL NON FAR AREA (F) = (D-E)				48.124
TOTAL FAR AREA AT 20TH & 30TH LVL. = ADDITION(A) - DEDUCTION (B+C+D)=				1026.764 - 370.222 - 49.249 = 607.293
TOTAL REFUGE AREA AT 20TH / 30TH LVL				607.293
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
N1	1	3.475	1.600	5.560
N2	1	3.375	3.625	12.234
N3	1	3.325	0.140	0.466
N4	1	4.175	2.800	11.690
N5	1	0.350	0.140	0.049
TOTAL REFUGE AREA				29.999
GROSS AREA AT 20TH / 30TH (FAR+FS1)				595.124 (A)
GROSS AREA AT 21ST / 31 ST (FAR+NON FAR)				612.918 (B)
TOTAL GROSS AREA=(A+B)				1208.042
NO. OF PERSON- (TOTAL)				96.643
REFUGE AREA REQUIRED				28.993 (C)
AREA ADDITIONAL FOR				0.9 (D)
REFUGE AREA REQUIRED				28.893 (C+D)
REFUGE AREA PROVIDED				29.999

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

Key Plan



DOOR WINDOW SCHEDULE				
TYPE	WIDTH	HEIGHT	SILL LVL	REMARKS
D1	1500	2400	+00	ENTRANCE (ONE HOUR FIRE RATED DOOR)
D2	900	2250	+00	BEDROOMS & MUMTY
D3	750	2250	+00	TOILETS
D4	900	2100	+00	MUMTY
D5	1200	2400	+00	STLT LOBBY ENTRANCE
SD1	2030	2400	+00	BEDROOM
SD2	2600	2400	+00	BEDROOM
SD3	2400	2400	+00	DRAWING
SD4	2025	2400	+00	BEDROOM
SD5	1860	2400	+00	BEDROOM
SD6	1480	2400	+00	BEDROOM
DW1	1600	1350	+1050	KITCHEN
DW2	1260	2400	+00	BED ROOM
DW3	1150	1350	+1050	KITCHEN
DW4	1075	2400	+00	BED ROOM
V1	600	1350	+1050	TOILETS
V2	425	1350	+1050	TOILETS
W1	1250	UPTO BOTTOM OF BEAM	-500 FROM FRL LVL	STAIRCASE
W2	900	2100	900	MACHINE ROOM
FHC	1250	2000	+100	FHC
FD1	1500	2100	+00	FIRE DOOR
FD2	1250	2100	+00	FIRE DOOR
FD3	1000	2100	+00	FIRE DOOR

LEGEND FOR PLUMBING

- 110 OD SWR PVC SOIL & VENT PIPE
 - 110 OD SWR PVC WASTE & VENT PIPE
 - 90 OD SWR PVC ANTI-SYPHONAGE PIPE
 - F.W.S DOWN TAKE
 - D.W.S DOWN TAKE
 - D.W.S RISER TO O.H.T. FILLING
 - D.W.S RISER TO R.A.T. FILLING
 - 110 OD uPVC RAIN WATER PIPE (FAR BALCONY)
 - 110 OD uPVC RAIN WATER PIPE (NON FAR TERRACE)
- FT FLOOR TRAP
FD FLOOR DRAIN
UT URINAL TRAP

PLUMBING NOTE:-
* WASH BASIN TO FLOOR TRAP 50 OD uPVC WASTE PIPE
* FLOOR DRAIN TO FLOOR TRAP 63 OD uPVC WASTE PIPE
* FLOOR TRAP TO VERTICAL WASTE STACK 110 OD WASTE PIPE
* W.C TO VERTICAL SOIL STACK 110 OD SOIL PIPE

Owner:

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

Architect:

GIAN P. MATHUR AND ASSOCIATES (P) LTD.
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T: 011-46599599 / F: 011-46599512
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Project Title:
GROUP HOUSING COLONY
UNDER (MIX LAND USE) TDD 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-6A
20TH & 30TH (REFUGE)
LVL LAYOUT & AREA DETAILS**

Owner's Sign

Union Buildmart Pvt. Ltd.
Authorized Signatory

Architect's Sign

GIAN P. MATHUR
B. ARCHT. (C.A. I.I.A.)
CA No. 80/5769

SCALE: 1: 100
DATE: _____ DWG. No.
SD/AR/M3M-113/T-6A/106