

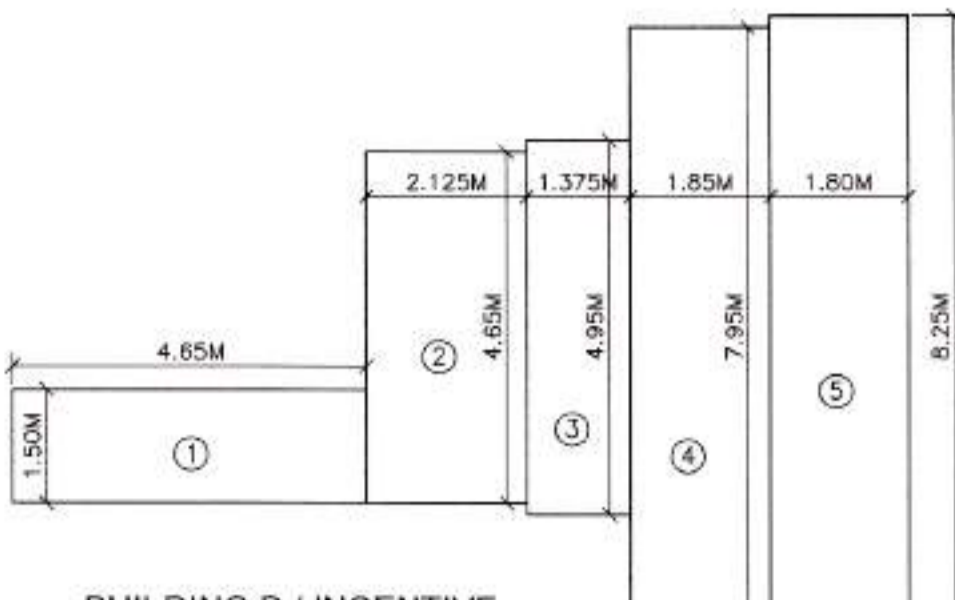
BUILDING B / INCENTIVE REFUGE AREA CALCULATION

A. ADDITIONAL

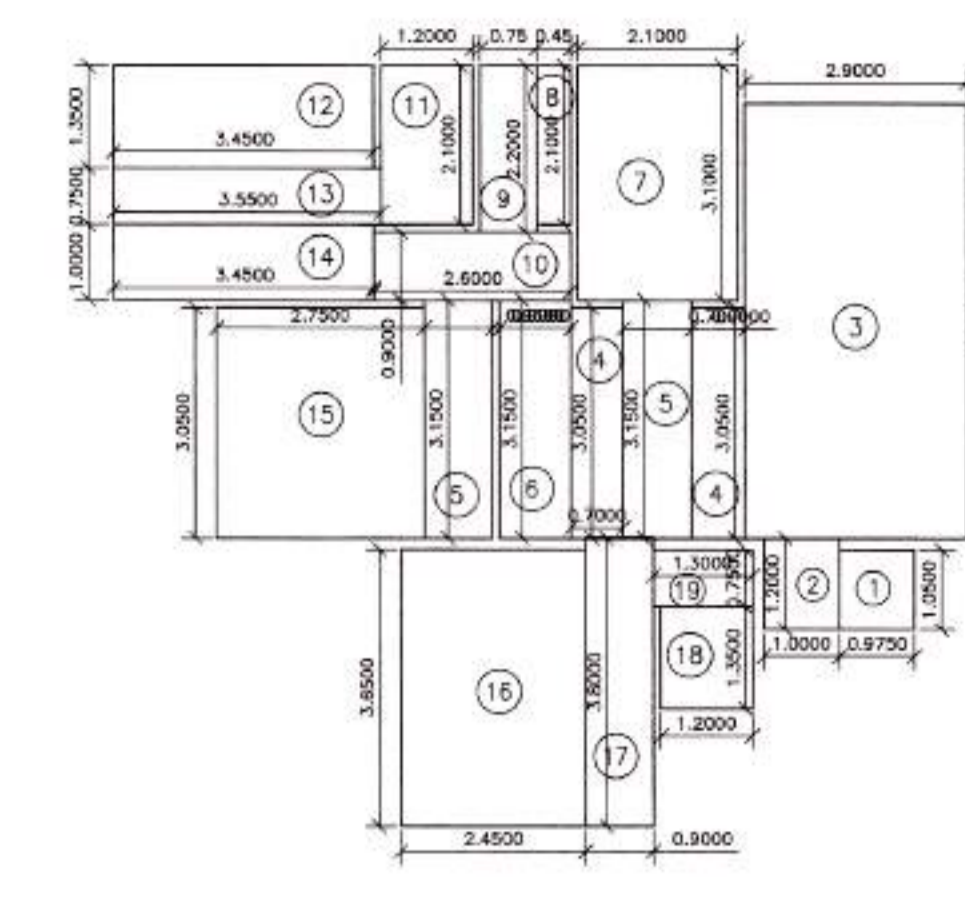
1. 10.125 X 1.35M	= 13.669 SQ.M
2. 7.45 X 1.65M	= 11.92 SQ.M
3. 7.25 X 4.15M	= 30.087 SQ.M
4. 3.75 X 1.25M	= 4.687 SQ.M
TOTAL	= 60.363 SQ.M

80.363 X 06 FLOORS = 362.178 SQ.M
(6TH FLOOR TO 11TH FLOOR)

NO. OF FLATS PER FLOOR = 10 NOS.
NO. OF PERSONS PER FLAT = 50 NOS.
TOTAL PERSONS PER FLOOR = 500 NOS.
NO. OF PERSONS FOR 2 CONSECUTIVE FLOORS = 1000 NOS.
HENCE REFUGE AREA REQUIRED PER FLOOR (100 X 0.30 = 30.00 SQ.M)
REFUGE AREA PROVIDED PER FLOOR = 53.219 SQ.M
TOTAL REFUGE AREA PROVIDED (4 NOS.) = 212.876 SQ.M



BUILDING B / INCENTIVE REFUGE BALCONY DIAGRAM SCALE 1:100



BLDG - B / INCENTIVE (FLAT NO. 03)

A. ADDITIONAL

1. 0.975 X 1.05M	= 1.023 SQ.M
2. 1.00 X 1.2M	= 1.2 SQ.M
3. 2.9 X 6.75M	= 16.675 SQ.M
4. 0.7 X 3.05M X2	= 4.27 SQ.M
5. 0.9 X 3.15M X2	= 5.67 SQ.M
6. 0.95 X 3.15M	= 2.992 SQ.M
7. 2.1 X 3.1M	= 6.51 SQ.M
8. 0.45 X 2.1M	= 0.945 SQ.M
9. 0.75 X 2.2M	= 1.65 SQ.M
10. 2.6 X 0.9M	= 2.34 SQ.M
11. 1.2 X 2.1M	= 2.52 SQ.M
12. 3.45 X 1.35M	= 4.657 SQ.M
13. 3.55 X 0.75M	= 2.662 SQ.M
14. 3.45 X 1.00M	= 3.45 SQ.M
15. 2.75 X 3.05M	= 8.387 SQ.M
16. 2.45 X 3.65M	= 8.942 SQ.M
17. 0.9 X 3.8M	= 3.42 SQ.M
18. 1.20 X 1.35M	= 1.62 SQ.M
19. 1.30 X 0.75M	= 0.975 SQ.M
TOTAL	= 79.908 SQ.M

BLDG - B / INCENTIVE (FLAT NO. 03)

BUILDING-B (INCENTIVE) B.U.A. CALCULATION 6TH TO 20TH FLOOR PLAN

RECTANGLE = 1409.40 SQ.M

A. DEDUCTION

1. 1.35 X 3.15M X2	= 8.505 SQ.M
2. 3.80 X 2.40M X2	= 18.24 SQ.M
3. 0.20 X 5.40M X2	= 2.16 SQ.M
4. 0.20 X 18.95M	= 3.79 SQ.M
5. 3.80 X 1.65M X4	= 23.76 SQ.M
6. 5.725 X 3.15M X2	= 36.067 SQ.M
7. 8.40 X 1.50M	= 12.60 SQ.M
8. 10.375 X 1.50M	= 15.562 SQ.M
9. 1.825 X 2.45M X4	= 17.885 SQ.M
10. 1.15 X 2.15M X4	= 9.89 SQ.M
11. 1.975 X 6.05M X3	= 35.846 SQ.M
12. 1.825 X 2.40M X3	= 13.14 SQ.M
13. 1.825 X 3.05M	= 5.566 SQ.M
14. 1.825 X 4.5M X4	= 32.85 SQ.M
15. 8.40 X 0.80M X4	= 26.88 SQ.M
16. 1.60 X 3.15M X2	= 10.08 SQ.M
17. 1.15 X 6.35M X4	= 29.21 SQ.M
18. 1.975 X 5.10M	= 10.072 SQ.M
19. 0.25 X 4.20M X2	= 1.70 SQ.M
20. 1.60 X 3.15M X2	= 10.08 SQ.M
21. 4.05 X 2.40M X2	= 19.44 SQ.M
22. 0.45 X 5.40M X2	= 4.86 SQ.M
23. 0.45 X 18.95M	= 8.527 SQ.M
TOTAL	= 379.565 SQ.M

1409.40 - 379.565 = 1029.835 SQ.M

V. NET BUILT UP AREA = 1029.835 SQ.M

X 15 FLOORS = 15447.525 SQ.M

5TH FLOOR = 815.56 SQ.M

X 07 FLOORS = 7615.636 SQ.M

TOTAL (INCENTIVE) = 23878.721 SQ.M

MUMTY ROOM (BUILDING B)

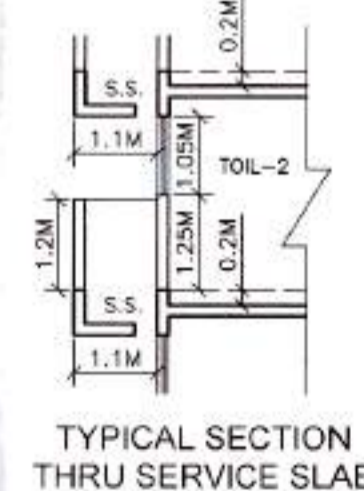
A. ADDITIONAL

01. 2.125 X 11.0M X1	= 23.375 SQ.M
02. 2.125 X 10.05M X1	= 21.356 SQ.M
03. 2.125 X 2.75M X4	= 23.375 SQ.M
TOTAL	= 68.106 SQ.M

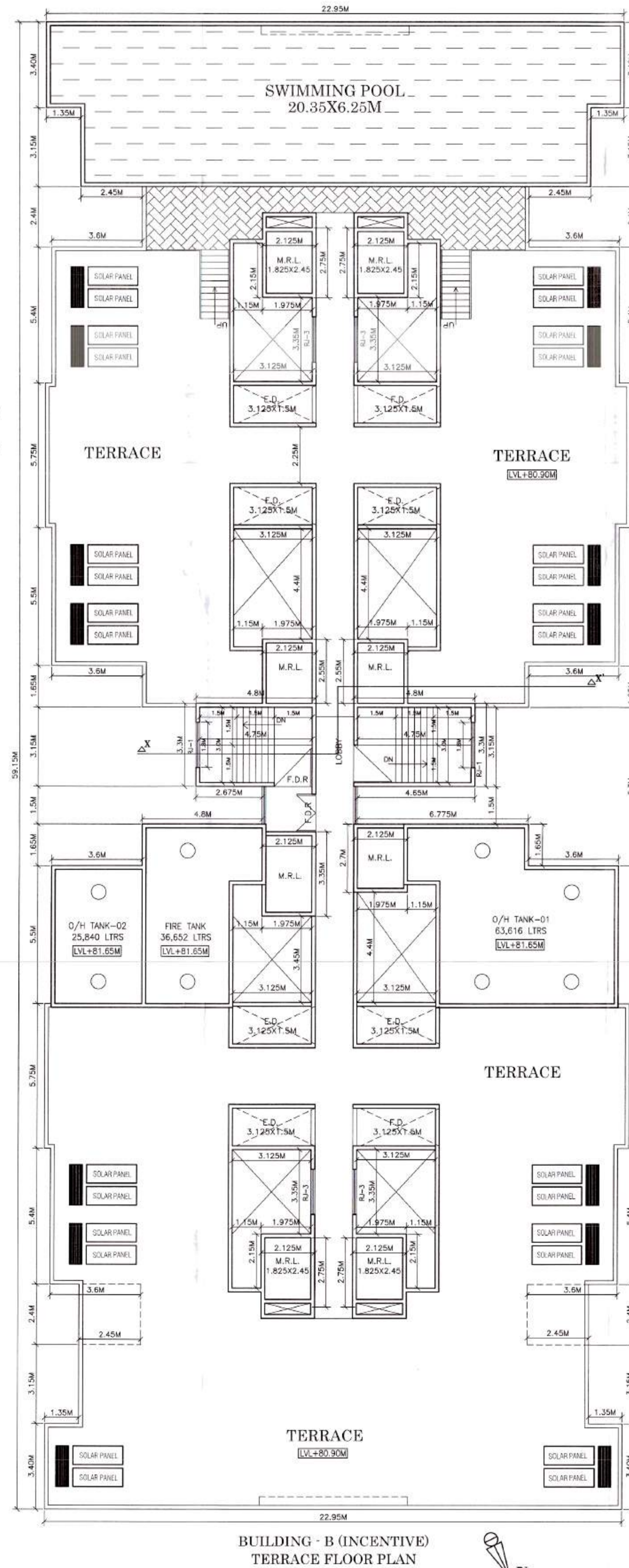
INCENTIVE BUILDING ANCILLARY AREA CALCULATION BUILDING - B

A. ADDITIONAL

A1. 2.85 X 1.85M X4	= 21.09 SQ.M
A2. 2.05 X 1.85M X4	= 15.17 SQ.M
A3. 3.40 X 1.85M X4	= 25.16 SQ.M
A4. 1.05 X 3.20M X4	= 22.20 SQ.M
A5. 1.85 X 3.85M X4	= 27.01 SQ.M
A6. 1.85 X 3.05M X2	= 11.285 SQ.M
A7. 1.85 X 2.10M X2	= 7.77 SQ.M
A8. 2.00 X 5.45M X2	= 21.80 SQ.M
A9. 2.00 X 5.75M X2	= 23.00 SQ.M
A10. 1.85 X 1.50M X4	= 11.10 SQ.M
A11. 1.85 X 2.50M X2	= 9.25 SQ.M
A12. 1.85 X 2.45M X4	= 19.61 SQ.M
A13. 1.85 X 2.575M X4	= 19.055 SQ.M
A14. 1.85 X 2.75M X2	= 10.175 SQ.M
TOTAL	= 235.675 SQ.M



TYPICAL SECTION THRU SERVICE SLAB

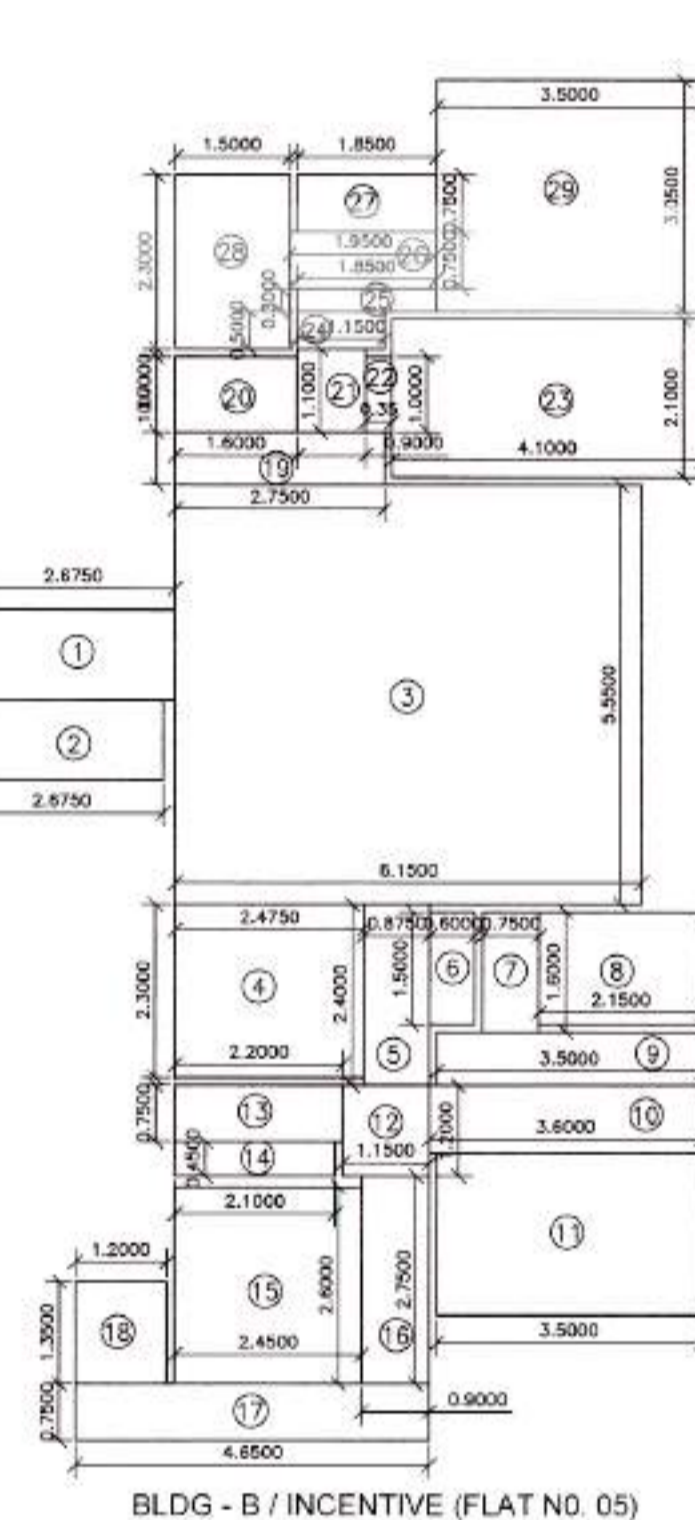


BUILDING - B (INCENTIVE) TERRACE FLOOR PLAN

BLDG - B / INCENTIVE (FLAT NO. 05)

A. ADDITIONAL

1. 2.675 X 1.20M	= 3.21 SQ.M
2. 2.675 X 1.55M	= 2.808 SQ.M
3. 6.15 X 5.55M	= 34.132 SQ.M
4. 2.475 X 2.30M	= 5.692 SQ.M
5. 0.875 X 2.40M	= 2.10 SQ.M
6. 0.60 X 1.50M	= 0.90 SQ.M
7. 0.75 X 1.60M	= 1.20 SQ.M
8. 2.15 X 1.50M	= 3.225 SQ.M
9. 3.50 X 0.70M	= 2.45 SQ.M
10. 3.60 X 0.90M	= 3.24 SQ.M
11. 3.50 X 2.15M	= 7.525 SQ.M
12. 1.15 X 1.20M	= 1.38 SQ.M
13. 2.20 X 0.75M	= 1.65 SQ.M
14. 2.10 X 0.45M	= 0.945 SQ.M
15. 2.45 X 2.60M	= 6.37 SQ.M
16. 0.90 X 2.75M	= 2.475 SQ.M
17. 4.65 X 0.75M	= 3.487 SQ.M
18. 1.20 X 1.35M	= 1.62 SQ.M
19. 2.75 X 0.70M	= 1.925 SQ.M
20. 1.60 X 1.0M	= 1.60 SQ.M
21. 0.90 X 1.10M	= 0.99 SQ.M
22. 0.35 X 1.0M	= 0.35 SQ.M
23. 4.10 X 2.10M	= 8.61 SQ.M
24. 1.15 X 0.50M	= 0.575 SQ.M
25. 1.85 X 0.30M	= 0.555 SQ.M
26. 1.95 X 0.75M	= 1.462 SQ.M
27. 1.85 X 0.75M	= 1.387 SQ.M
28. 1.50 X 2.30M	= 3.45 SQ.M
29. 3.50 X 3.05M	= 10.675 SQ.M
TOTAL	= 115.988 SQ.M



BLDG - B / INCENTIVE (FLAT NO. 02)

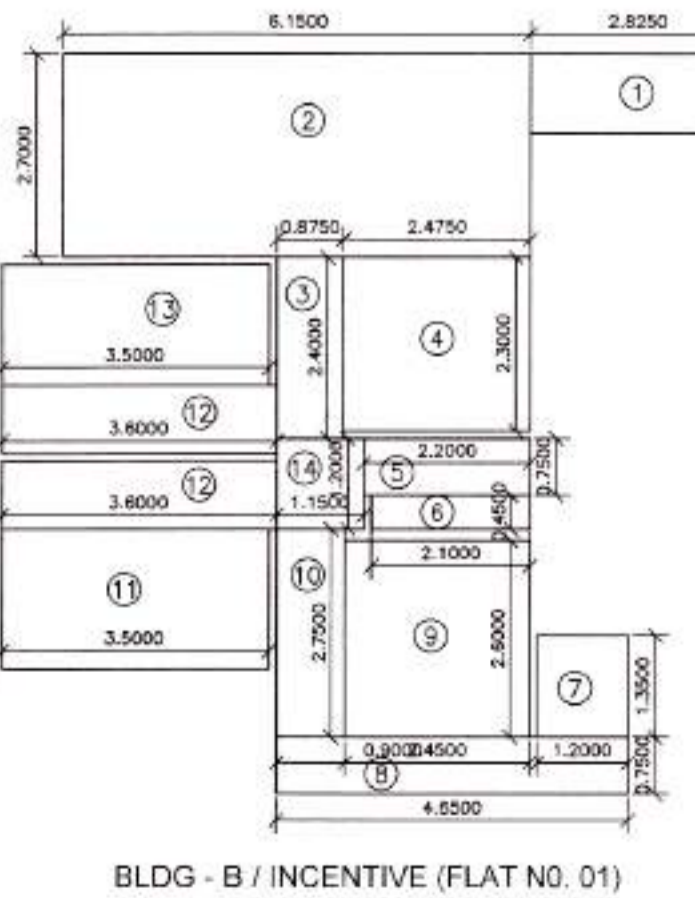
A. ADDITIONAL

1. 2.825 X 1.05M	= 2.966 SQ.M
2. 6.15 X 2.70M	= 16.605 SQ.M
3. 3.35 X 1.5M	= 5.025 SQ.M
4. 3.5 X 1.675M	= 5.862 SQ.M
5. 3.6 X 0.9M	= 3.24 SQ.M
6. 3.85 X 1.325M	= 5.101 SQ.M
7. 3.5 X 1.25M	= 4.375 SQ.M
8. 0.9 X 1.425M	= 1.282 SQ.M
9. 2.2 X 0.75M X2	= 3.3 SQ.M
10. 2.1 X 0.45M X2	= 1.89 SQ.M
11. 1.15 X 1.075M	= 1.236 SQ.M
12. 0.95 X 0.1M	= 0.095 SQ.M
TOTAL	= 50.977 SQ.M

BLDG - B / INCENTIVE (FLAT NO. 01)

A. ADDITIONAL

1. 2.825 X 1.05M	= 2.966 SQ.M
2. 6.15 X 2.70M	= 16.605 SQ.M
3. 0.875 X 2.40M	= 2.10 SQ.M
4. 2.475 X 2.30M	= 5.692 SQ.M
5. 2.20 X 0.75M	= 1.65 SQ.M
6. 2.10 X 0.45M	= 0.945 SQ.M
7. 1.20 X 1.35M	= 1.62 SQ.M
8. 4.65 X 0.75M	= 3.487 SQ.M
9. 2.45 X 2.60M	= 6.37 SQ.M
10. 0.90 X 2.75M	= 2.475 SQ.M
11. 3.50 X 1.85M	= 6.475 SQ.M
12. 3.60 X 0.90M X2	= 6.48 SQ.M
13. 3.50 X 1.65M	= 5.662 SQ.M
14. 1.15 X 1.20M	= 1.38 SQ.M
TOTAL	= 63.845 SQ.M



BLDG - B / INCENTIVE (FLAT NO. 01)

STAMP OF APPROVAL

श्री. राजेशचंद्र बोसकर एवं सहायक अभियंता
महाराष्ट्र शासकीय वास्तु विभाग, मुंबई
मुंबई, दिनांक: 23/08/2022
सहायक अभियंता / वास्तु विभाग, मुंबई

श्री. राजेशचंद्र बोसकर, सहायक अभियंता
वास्तु विभाग, मुंबई

TABLE-06
LIGHT & VENTILATION STATEMENT (SQ.M)
BUILDING - B (INCENTIVE)

ROOM	AREA OF ROOM	AREA OF WIN REQ	AREA OF WIN PROVIDED	TYPE OF WIN PROVIDED
LIN-1	28.504 SQ.M	2.850 SQ.M	5.70 SQ.M	W1
LIN-2	46.512 SQ.M	4.651 SQ.M	10.30 SQ.M	W8
LIN-3	27.501 SQ.M	2.750 SQ.M	5.50 SQ.M	W5
LIN-4	19.988 SQ.M	1.998 SQ.M	3.996 SQ.M	W5
BED-1	11.115 SQ.M	1.111 SQ.M	6.00 SQ.M	W2
BED-2	10.608 SQ.M	1.060 SQ.M	6.00 SQ.M	W7
BED-3	12.227 SQ.M	1.222 SQ.M	4.80 SQ.M	W4
BED-4	14.005 SQ.M	1.400 SQ.M	6.00 SQ.M	W2
BED-5	17.465 SQ.M	1.746 SQ.M	3.00 SQ.M	W6
BED-6	11.222 SQ.M	1.122 SQ.M	4.80 SQ.M	W7
BED-7	6.012 SQ.M	0.601 SQ.M	5.15 SQ.M	W9
BED-8	10.889 SQ.M	1.088 SQ.M	5.15 SQ.M	W9
BED-9	8.75 SQ.M	0.875 SQ.M	4.80 SQ.M	W10
BED-10	9.625 SQ.M	0.962 SQ.M	5.00 SQ.M	W11
KIT-1	6.51 SQ.M	0.651 SQ.M	2.00 SQ.M	W3
KIT-2	8.81 SQ.M	0.881 SQ.M	2.00 SQ.M	W3
KIT-3	7.70 SQ.M	0.77 SQ.M	2.00 SQ.M	W3
STUDY	5.025 SQ.M	0.502 SQ.M	-	-
TO-1	2.32 SQ.M	0.232 SQ.M	0.93 SQ.M	V
TO-2	3.45 SQ.M	0.345 SQ.M	0.93 SQ.M	V
TOTAL				

TABLE-08
WATER CAPACITY CALCULATION (BLDG-B) INCENTIVE

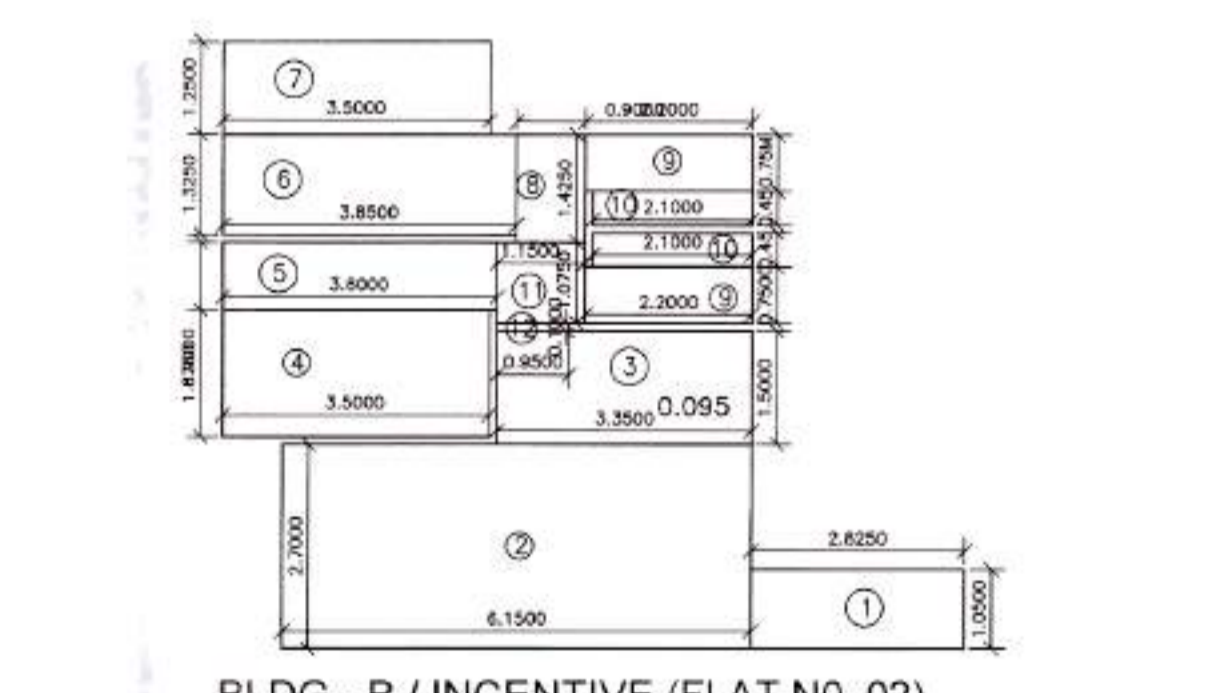
A. RESIDENTIAL	TOTAL	207,000 LTRS.
NO. OF FLATS X 5 PERSONS PER FLAT X 160 =		
NO. OF FLATS X 4 PERSONS PER FLAT X 160 =	230 X 5 X 160 =	207,000 LTRS.
B. COMMERCIAL		
NO. OF SHOPS X 3 PERSONS PER SHOP X 45 =		NIL
TOTAL WATER SUPPLY REQUIRED		207,000 LTRS.
U/G WATER TANK CAPACITY =	207,000 LTRS.	
O/H WATER TANK CAPACITY =	162,600 LTRS.	
FIRE FIGHTING DOMESTIC		
U/G TANK	200,000 LTRS.	225,000 LTRS.
O/H TANK	36,802 LTRS.	89,456 LTRS.
TOTAL		425,000 LTRS.

SEPTIC TANK CALCULATION (BLDG-B) INCENTIVE

NO. OF FLATS X 4 PERSONS PER FLAT X 80 =	230 X 5 X 80 =	92,000 LTRS.
REQUIRED CAPACITY		92,000 LTRS.
PROVIDED CAPACITY		89,350 LTRS.

TABLE-10
DOOR/WINDOW SCHEDULE (BLDG-B) INCENTIVE

DOOR	SIZE	TYPE	WINDOW	SIZE	TYPE
D1	1.05X2.15M	T.W.PANEL V	W1	0.65X1.05M	ALU LOUVERED
D2	0.90X2.15M	T.W.FLUSH	W1	2.85X2.00M	ALU SLIDING
D3	0.75X2.15M	T.W.PANEL W	W2	3.00X2.00M	ALU SLIDING
RJ-1	1.80X1.20M	RCC JALLI	W4	2.40X2.00M	ALU SLIDING
RJ-2	1.60X1.20M	RCC JALLI	W5	2.65X2.00M	ALU SLIDING
RJ-3	1.80X1.20M	RCC JALLI	W5	1.50X2.00M	ALU SLIDING
			W7	2.40X2.00M	ALU SLIDING
			W8	5.45X2.00M	ALU SLIDING
			W9	2.575X2.00M	ALU SLIDING
			W10	2.45X2.00M	ALU SLIDING
			W11	2.75X2.00M	ALU SLIDING



BLDG - B / INCENTIVE (FLAT NO. 02)

PROJECT
AMENDMENT TO PROPOSED REDEVELOPMENT OF
OF JN2(VS-II) CONDOMINIUM - 10,
BUILDING NO - 22 TO 44, PLOT-10, SECTOR-10,
VASHI, NAVI MUMBAI

OWNER
SHRADHA CO-OP HOUSING SOCIETY LTD.
(SHRADHA CO-OP. HSG. STY. LTD.)

ARCHITECTS
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DATE
19/12/2022

SCALE
AS SHOWN

STRUCTURAL CONSULTANT
(MR. V. K. JAIN)
REG. NO. STRU/29

DATE
09 OF 12