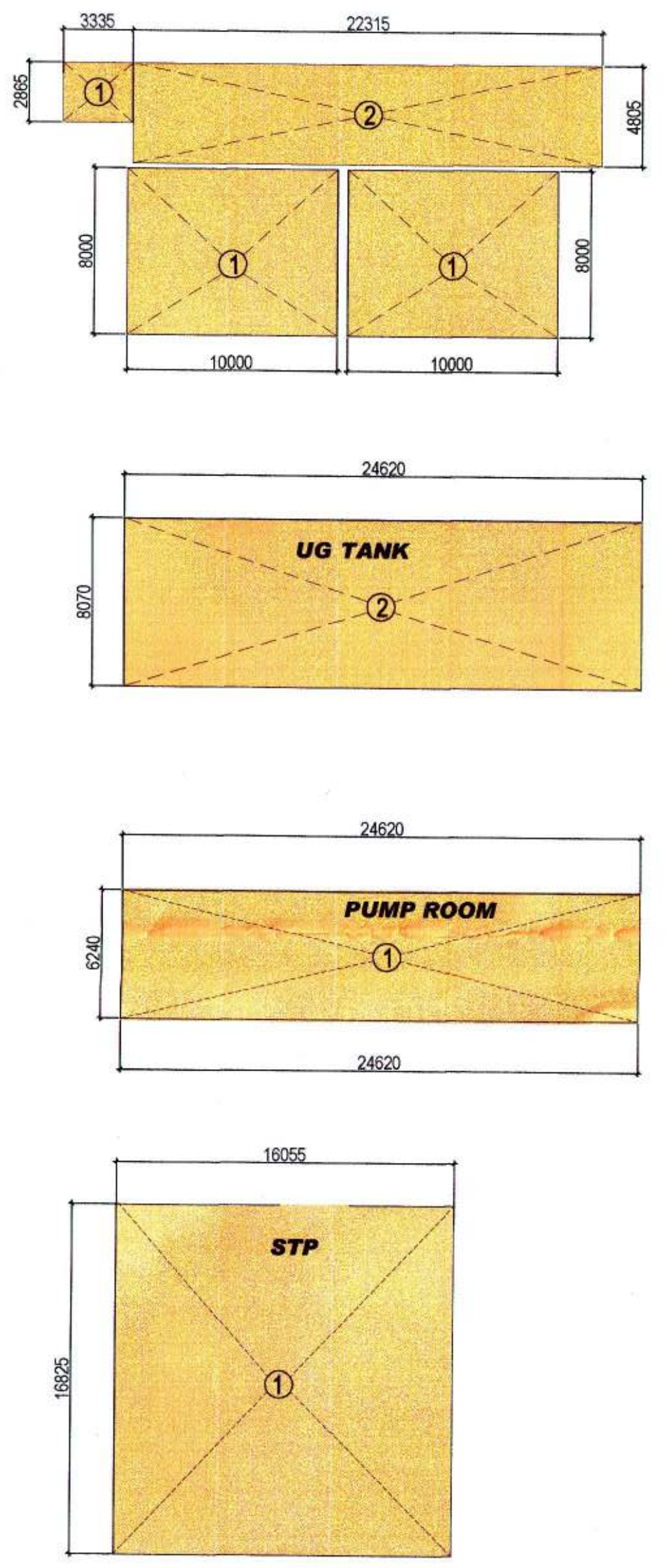

3335
22315
2865
4805
①
②
8000
10000
UG TANK
24620
8070
PUMP ROOM
6240
STP
16055
16825

AREA CALCULATION OF FIRE PUMP ROOM						
1	3.335	X	2.867	X	1	9.560
2	22.315	X	4.805	X	1	107.224
TOTAL						116.783

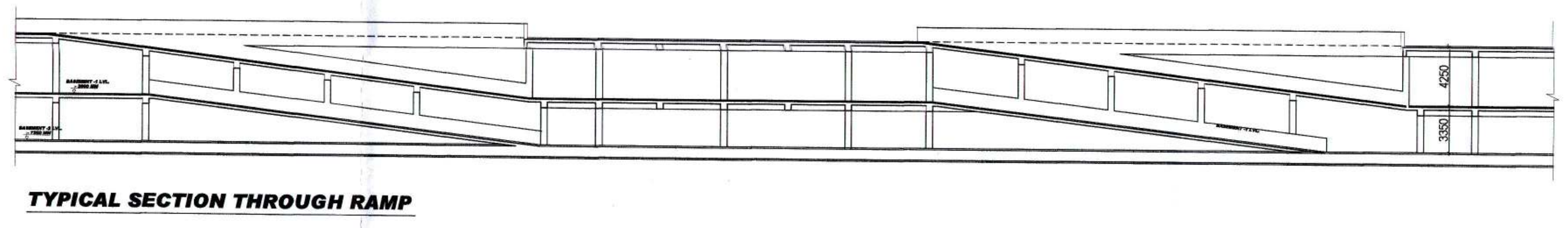
AREA CALCULATION OF FIRE WATER TANK						
1	10.000	X	8.000	X	2	160.000
TOTAL						160.000

AREA CALCULATION U G TANK						
1	24.620	X	8.070	X	1	198.683
TOTAL						198.683

AREA CALCULATION PUMP ROOM						
DEDUCTION AREA						
1	24.620	X	6.240	X	1	153.629
TOTAL						153.629

AREA CALCULATION OF STP						
1	16.055	X	16.825	X	1	270.125
TOTAL						270.125

TOTAL AREA OF ANCILLARY (15%) FAR IN BASEMENT-1		
	TOTAL	
116.783+160.000+198.683+153.629+270.12!	899.22	
TOTAL AREA OF BASEMENT		14405.42
HENCE NON FAR AREA OF BASEMENT		13368.77



TYPICAL SECTION THROUGH RAMP

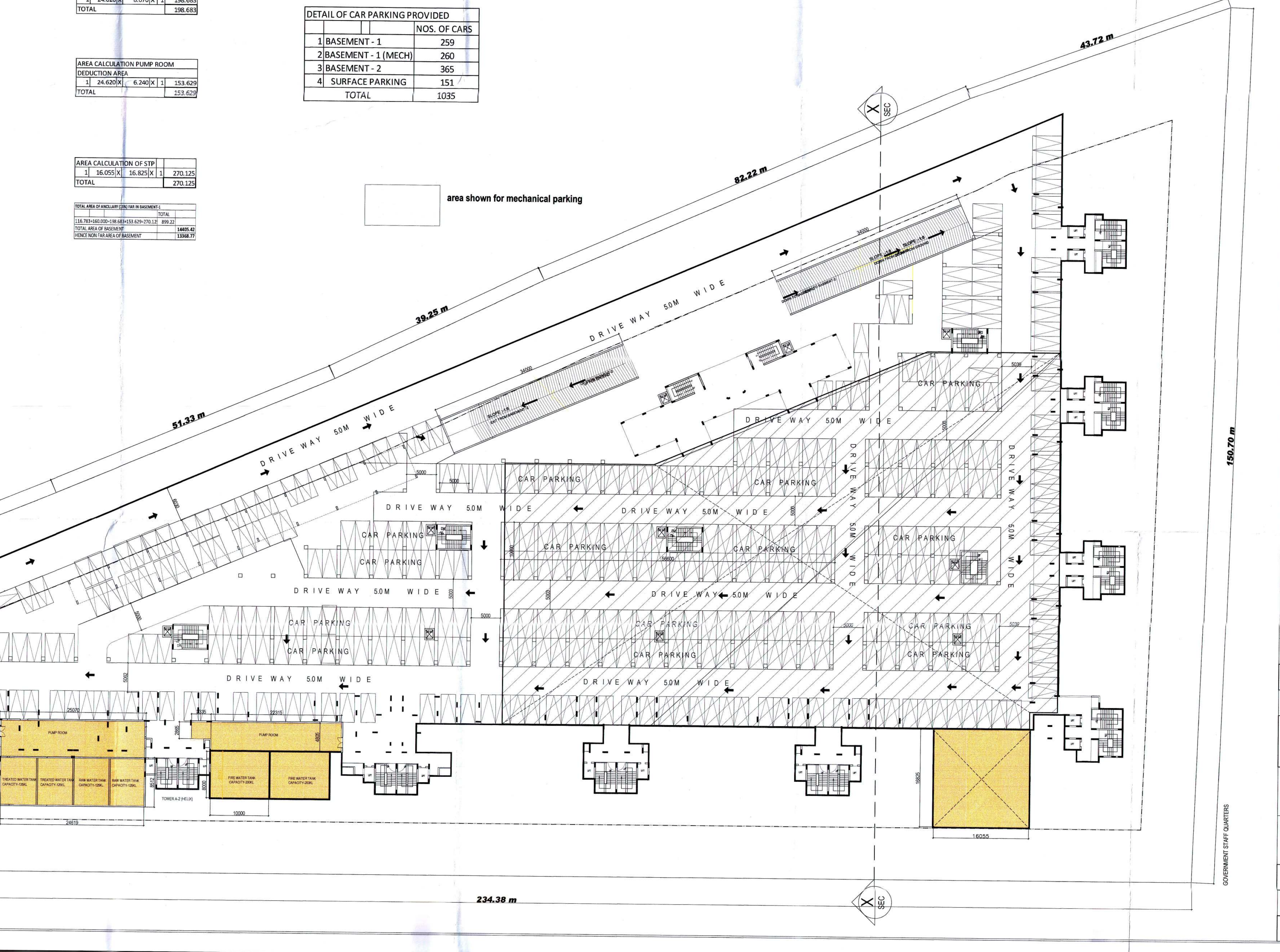
DETAIL OF CAR PARKING PROVIDED		
		NOS. OF CARS
1	BASEMENT - 1	259
2	BASEMENT - 1 (MECH)	260
3	BASEMENT - 2	365
4	SURFACE PARKING	151
	TOTAL	1035

☐ area shown for mechanical parking

AREA LEGEND

FAR	🟪
15% ANCILLARY	🟨
NON FAR	🟧
BALCONY AREA 25% IN FAR & 75%in FREE OF FAR	▨

NOTES:-
1. ALL DIMENSIONS & LEVEL ARE IN METERS
2. ALL THE AREAS INDICATED AERE IN SQ.M.
3. COLUMNS ARE ONLY INDICATIVE AND WILL BE AS/RELVENT STRUCTURAL DRAWINGS
4. ALL EXIT DOORS SHALL HAVE 1 HOUR FIRE RESISTANT RATING


43.72 m
82.22 m
39.25 m
51.33 m
44.22 m
47.80 m
150.70 m
234.38 m
SEC
X
DRIVE WAY 5.0M WIDE
CAR PARKING
PUMP ROOM
TREATED WATER TANK
RAW WATER TANK
FIRE WATER TANK
TOWER A-2 (HELIX)
SLOPE 1:8
34000
16055
16825
24619
25070
22315
10000
8000
5000
6134
OTHER PROPERTY
GOVERNMENT STAFF QUARTERS

Greater Noida Industrial Dev. Authority
APPROVED
Vide Letter No. 207 Dated 22/12/2017
Valid upto Dated 5 years
BP 3488
(425)
DGM (Plng.)
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
Vardhman Realtech Pvt. Ltd.

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

CLIENT'S SIGN
For VARDHMAN REALTECH PVT. LTD.
Director

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766
ARCHITECT'S SIGN

scale 1:250
drg. no. SB-05

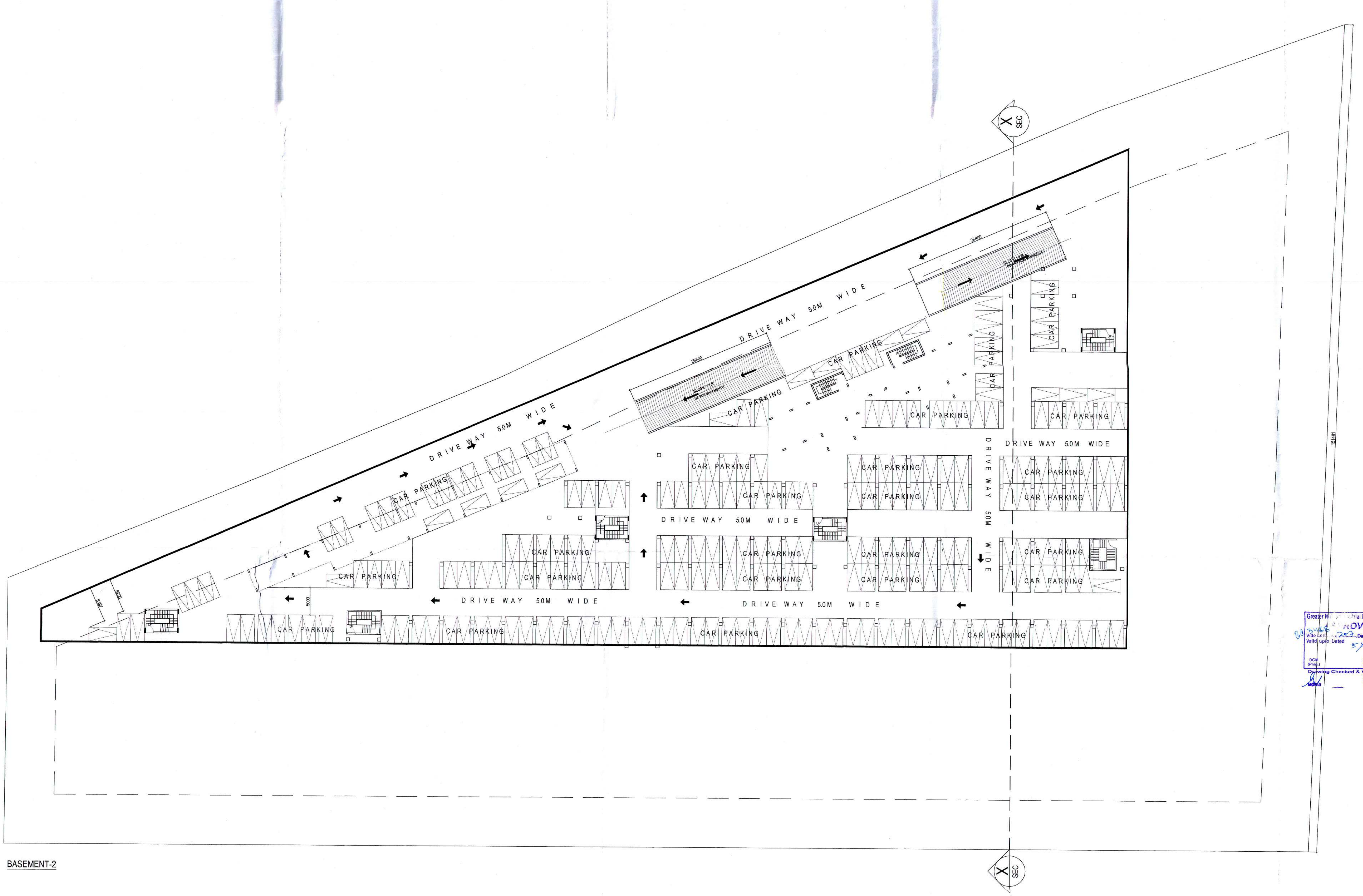
drawing title
BASEMENT FLOOR PLAN
(BASEMENT - 1)

AREA LEGEND

FAR	🟪
15% ANCILLARY	🟨
NON FAR	🟥
BALCONY AREA 25% IN FAR & 75%in FREE OF FAR	▨

NOTES:-

1. ALL DIMENSIONS & LEVEL ARE IN METERS
2. ALL THE AREAS INDICATED AERE IN SQ.M.
3. COLUMNS ARE ONLY INDICATIVE AND WILL BE AS/RELVENT STRUCTURAL DRAWINGS
4. ALL EXIT DOORS SHALL HAVE 1 HOUR FIRE RESISTANT RATING



BASEMENT-2

(423)

Greater N[illegible] [illegible]strial Dev. Authority
[illegible]ROVED
BB 3468
Vide Letter No. 202 Dated 22/12/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

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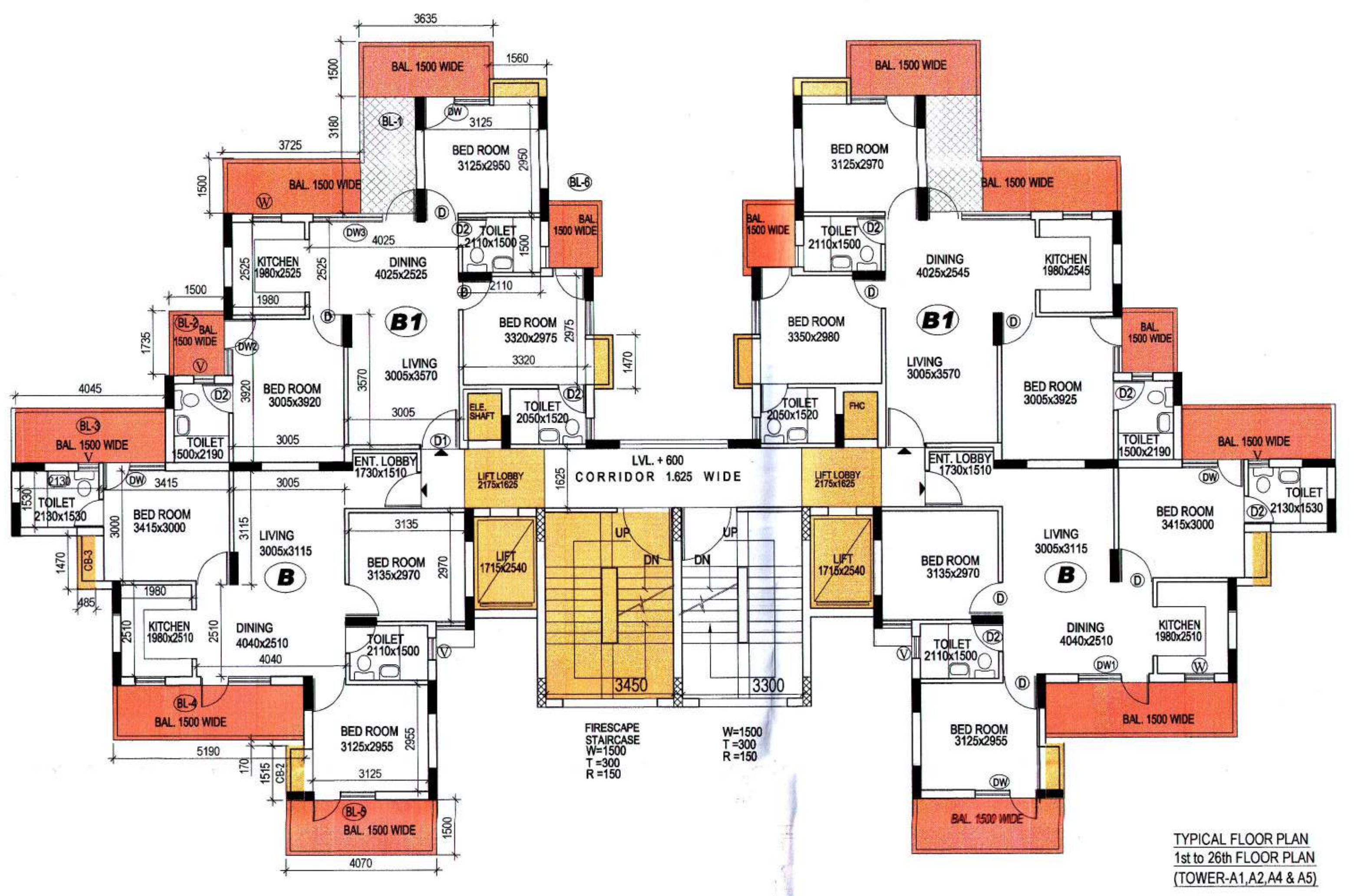
architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

CLIENT'S SIGN
For VARDHMAN REALTECH PVT. LTD.
Director

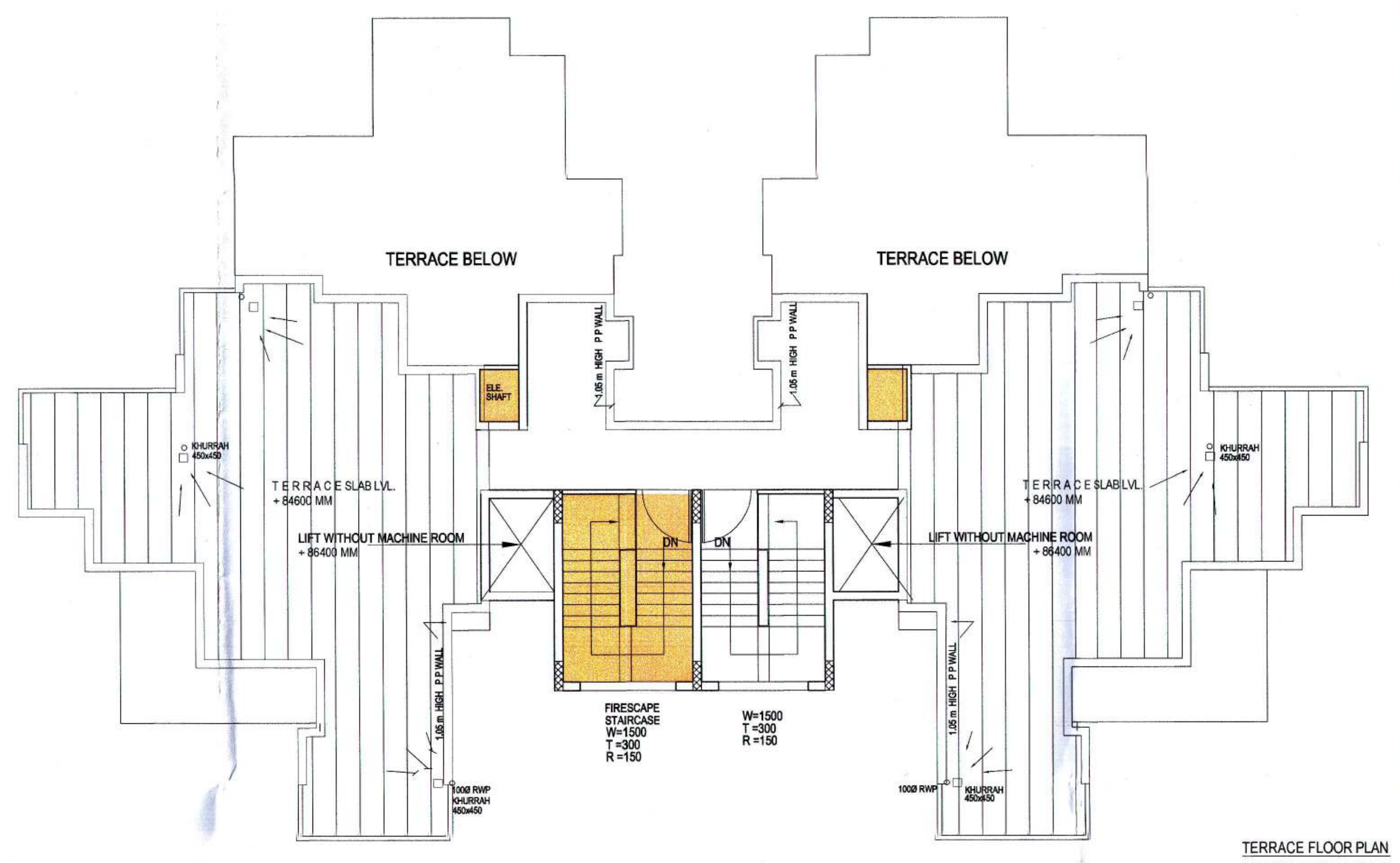
ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766
ARCHITECT'S SIGN

scale 1:250
drg. no. SB-07

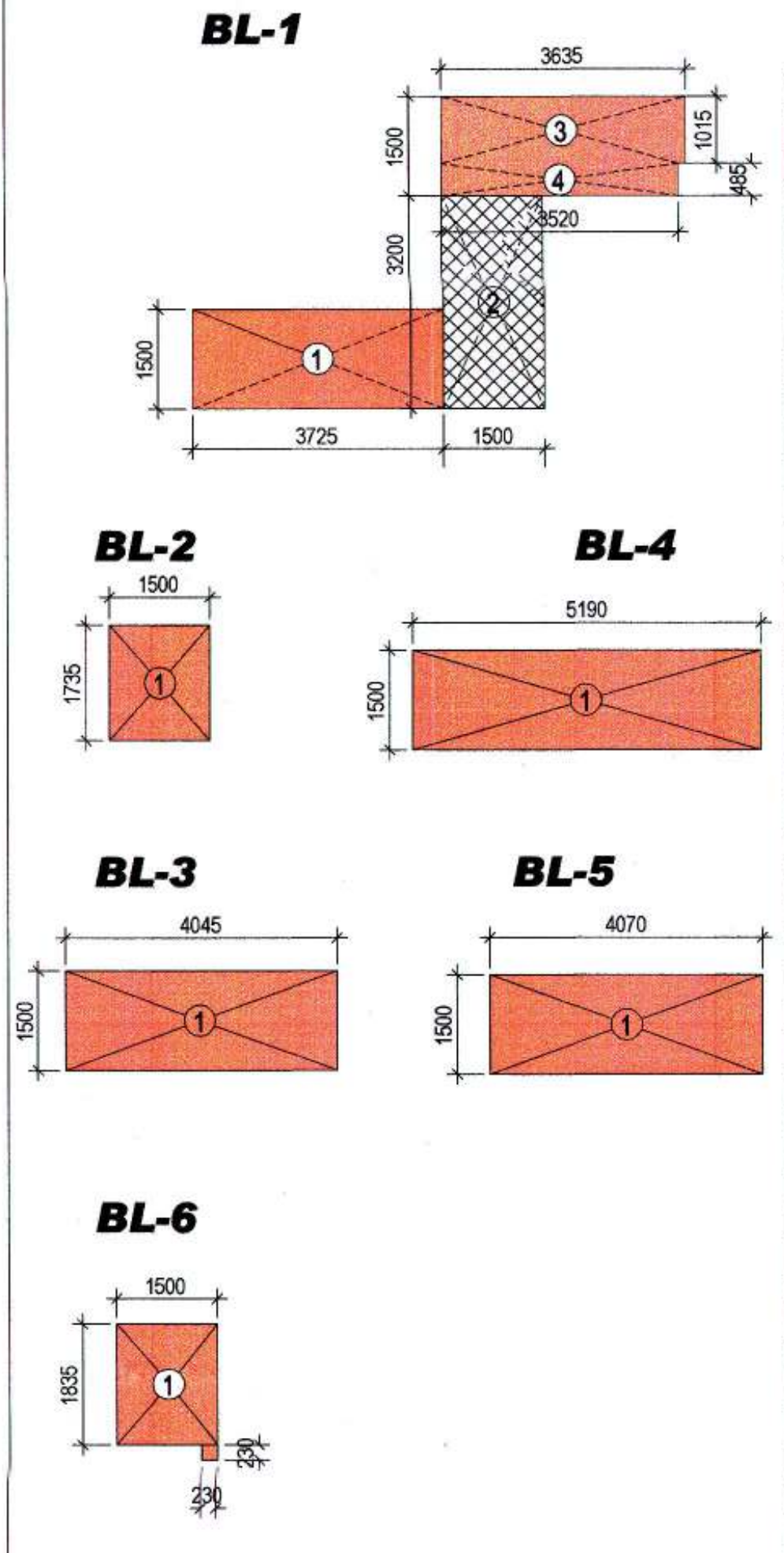
drawing title
BASEMENT FLOOR PLAN
(BASEMENT -2)


BAL. 1500 WIDE
BED ROOM 3125x2950
KITCHEN 1980x2525
DINING 4025x2525
LIVING 3000x3570
BED ROOM 3005x3620
CORRIDOR 1.625 WIDE
LVL. + 600
FIRESCAPE STAIRCASE W=1500 T=300 R=150
LIFT 1715x2540
LIFT LOBBY
B1
B

TYPICAL FLOOR PLAN
1st to 26th FLOOR PLAN
(TOWER-A1,A2,A4 & A5)


TERRACE BELOW
TERRACE BELOW
TERRACE SLAB LVL. + 84600 MM
LIFT WITHOUT MACHINE ROOM + 86400 MM
FIRESCAPE STAIRCASE W=1500 T=300 R=150

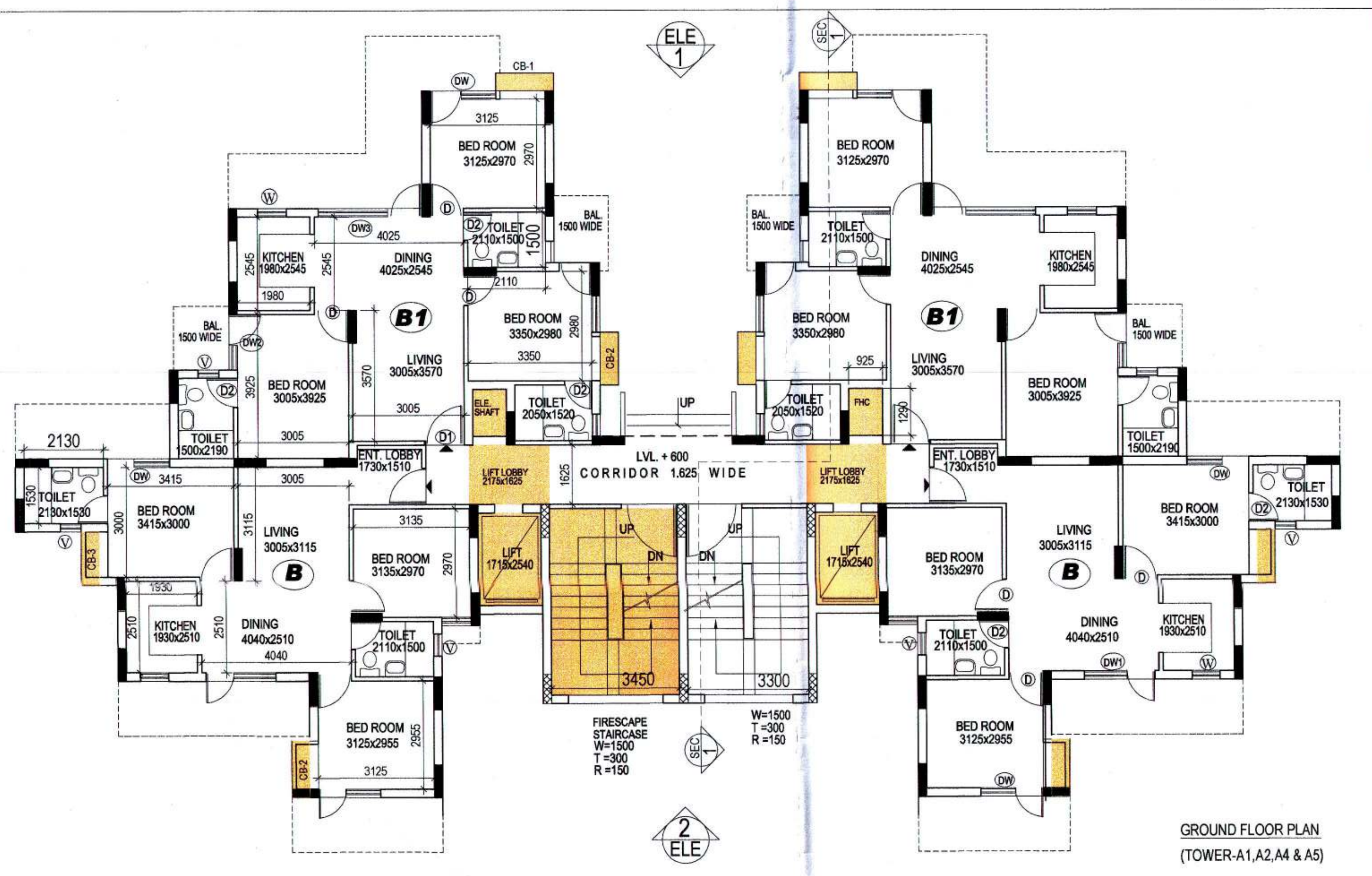
TERRACE FLOOR PLAN
(TOWER-A1,A2,A4 & A5)


BL-1
BL-2
BL-3
BL-4
BL-5
BL-6
3635
3725
1500
1735
4045
5190
4070
1835
230

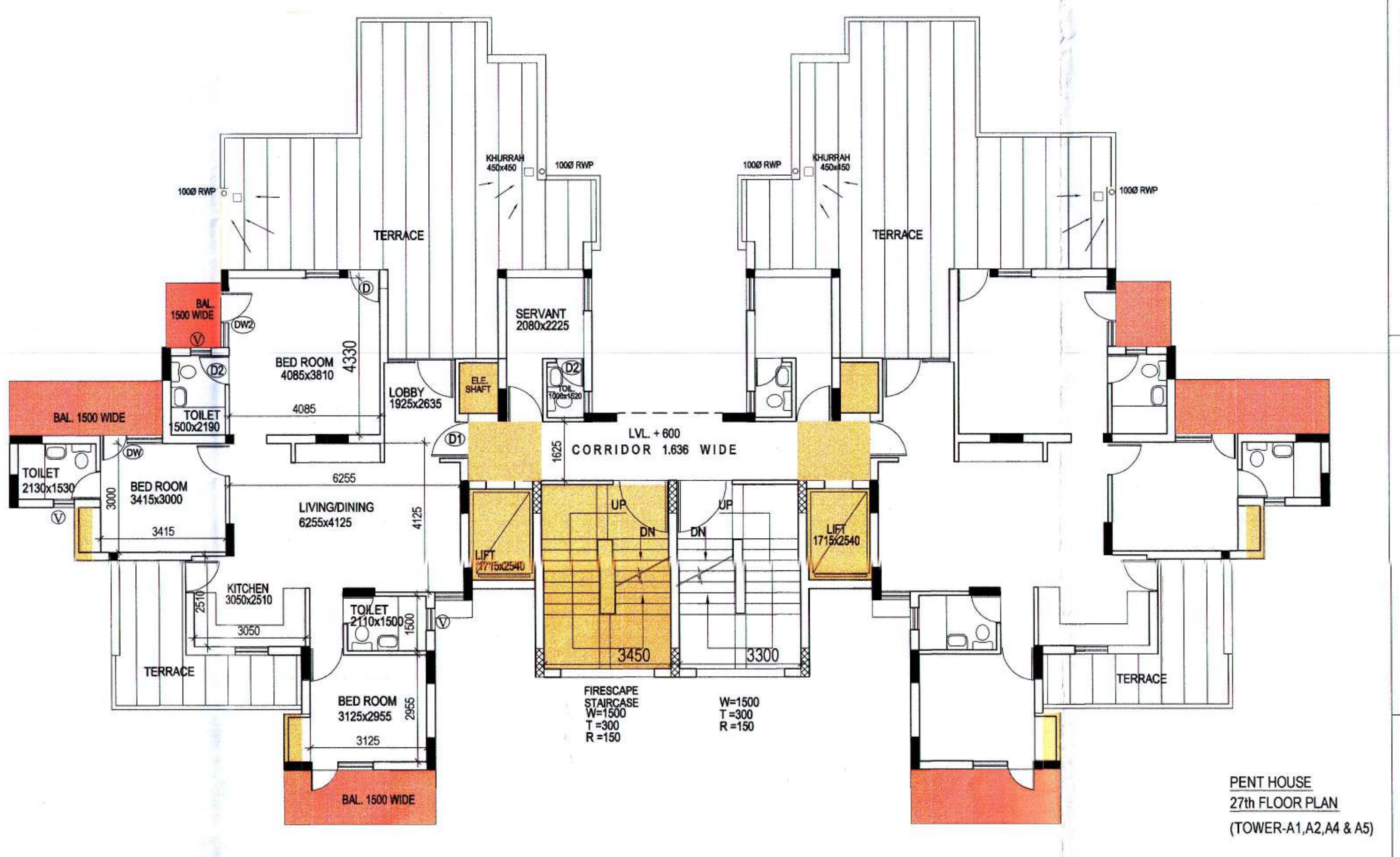
BALCONY FREE OF FAR AREA CALCULATION

FAR AREA IN BALCONY (BL1)	
1. 1.500 x 3.200 = 4.800 m²	
25% AREA COUNTED IN FAR	
AREA TO BE COUNTED IN FAR = 1.200 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET FAR IN BALCONY (BL-1)	= 2.400 m²
FREE OF FAR AREA	
1. 3.725 x 1.500 = 5.587 m²	
2. 75 % = 3.600 m²	
3. 3.635 x 1.015 = 3.689 m²	
4. 3.520 x 0.485 = 1.707 m²	
TOTAL =14.583 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL1 TYPICAL FLOOR	= 29.166m²
BALCONY BL-2	
1. 1.500 x 1.735 = 2.602 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-2 TYPICAL FLOOR	= 5.205m²
BALCONY BL-3	
1. 4.045 x 1.500 = 6.067 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-3 TYPICAL FLOOR	= 12.285m²
BALCONY BL-4	
1. 5.190 x 1.500 = 7.785 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-4 TYPICAL FLOOR	= 15.570m²
BALCONY BL- 5	
1. 4.070 x 1.500 = 6.105 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-5 TYPICAL FLOOR	= 12.210m²
BALCONY BL- 6	
1. 1.500 x 1.835 = 2.752 m²	
1. 0.230 x 0.230 = 0.052 m²	
TOTAL = 2.804 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-6 TYPICAL FLOOR	= 5.608m²
NET AREA BALCONY ON TYP. FLOOR = 82.444 m²	
NET FREE OF FAR BAL. ON TYP. FLOOR= 80.044 m²	

AREA CHART 3 BHK UNIT (TOWER-A-1,A-2,A-4 & A-5)					
FLOORS	TOTAL NOS OF UNITS	FAR AREA INCL BALCONY	ANCILARY FAR AREA	NON FAR BALCONY AREA	TOTAL BUILTUP AREA
GROUND FLOOR	4	352.092	32.944	0.000	385.036
1ST FLOOR	4	343.975	40.865	80.044	464.884
2nd FLOOR	4	343.975	40.865	80.044	464.884
3rd FLOOR	4	343.975	40.865	80.044	464.884
4th FLOOR	4	343.975	40.865	80.044	464.884
5th FLOOR	4	343.975	40.865	80.044	464.884
6th FLOOR	4	343.975	40.865	80.044	464.884
7th FLOOR	4	343.975	40.865	80.044	464.884
8th FLOOR	4	343.975	40.865	80.044	464.884
9th FLOOR	4	343.975	40.865	80.044	464.884
10th FLOOR	4	343.975	40.865	80.044	464.884
11th FLOOR	4	343.975	40.865	80.044	464.884
12th FLOOR	4	343.975	40.865	80.044	464.884
13th FLOOR	4	343.975	40.865	80.044	464.884
14th FLOOR	4	343.975	40.865	80.044	464.884
15th FLOOR	4	343.975	40.865	80.044	464.884
16th FLOOR	4	343.975	40.865	80.044	464.884
17th FLOOR	4	343.975	40.865	80.044	464.884
18thFLORR	4	343.975	40.865	80.044	464.884
19th FLOOR	4	343.975	40.865	80.044	464.884
20th FLOOR	4	343.975	40.865	80.044	464.884
21th FLOOR	4	343.975	40.865	80.044	464.884
20th FLOOR	4	343.975	40.865	80.044	464.884
23rd FLOOR	4	343.975	40.865	80.044	464.884
24th FLOOR	4	343.975	40.865	80.044	464.884
25th FLOOR	4	343.975	40.865	80.044	464.884
26th FLOOR	4	343.975	40.865	80.044	464.884
27 th FLOOR	2	260.597	38.719	45.846	345.162
MUMTY		0.00	41.762		41.76
WATER TANK		0.00	40.746		40.75
TOTAL AREA	110	9556.039	1216.661	2126.99	12899.690


ELE 1
ELE 2
CORRIDOR 1.625 WIDE
LVL. + 600
FIRESCAPE STAIRCASE W=1500 T=300 R=150
B1
B

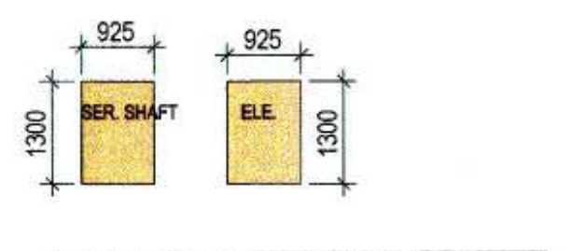
GROUND FLOOR PLAN
(TOWER-A1,A2,A4 & A5)


TERRACE
SERVANT 2080x2225
LOBBY 1925x2635
BED ROOM 4080x3810
LIVING/DINING 6255x4125
CORRIDOR 1.636 WIDE
BAL. 1500 WIDE

PENT HOUSE
27th FLOOR PLAN
(TOWER-A1,A2,A4 & A5)

ANCILLARY 15% FAR CALCULATIONS

NET ANCILARY FAR ON TYPICAL FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT WELL)
(2.405+5.832+7.068+17.595+8.712) =40.865 m²

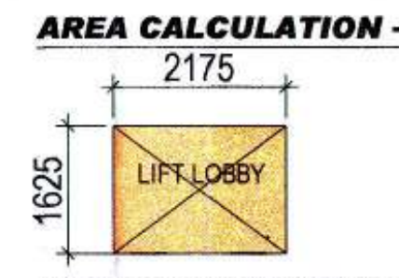

925
925
1300
1300
SER. SHAFT
ELE.

AREA UNDER SERVICE SHAFT	
1	0.925 x 1.300 x 1 = 1.202 m²
	Total shaft area = 1.202 m²
	NOS OF SHAFTS 2 nos
	NET AREA OF SHAFTS = 2.405 m²

ANCILLARY 15% FAR CALCULATIONS

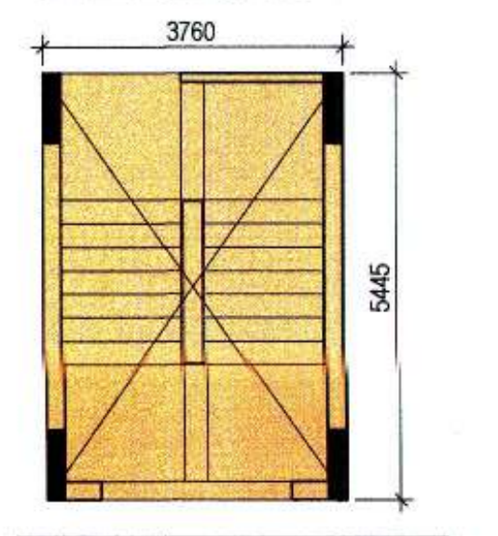
NET ANCILARY FAR ON 27th FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT WELL)
(2.405+2.939+7.068+17.595+8.712) =38.719 m²

AREA CALCULATION - LIFT LOBBY


2175
1625
LIFT LOBBY

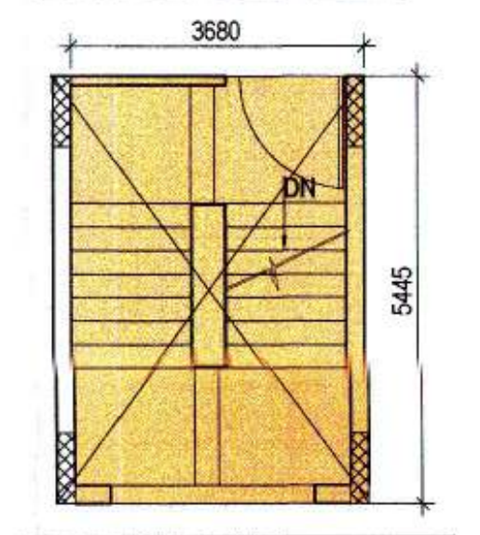
AREA UNDER LIFT LOBBY	
1	1.945 x 1.625 x 1 = 3.534 m²
	Total lift lobby area = 3.534 m²
	2nos lift lobby area = 7.068 m²

AREA CALCULATION - MUMTY
MAIN STAICASE



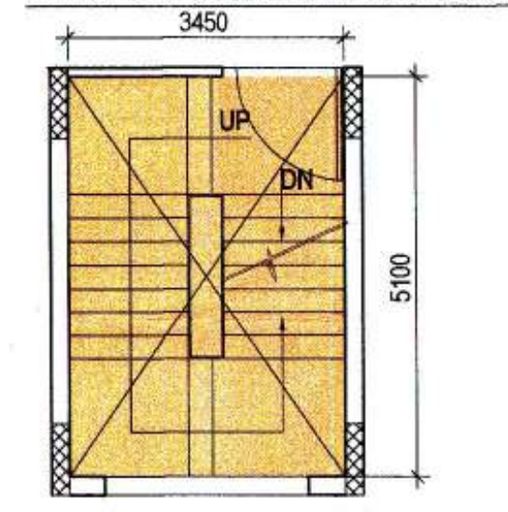
AREA UNDER MUMTY (MAIN STAIRCASE)	
1	3.760 x 5.445 x 1 =20.473 m²
	Total mumty area=20.473 m²

AREA CALCULATION - MUMTY
FIRESCAPE STAICASE


3680
5445
DN

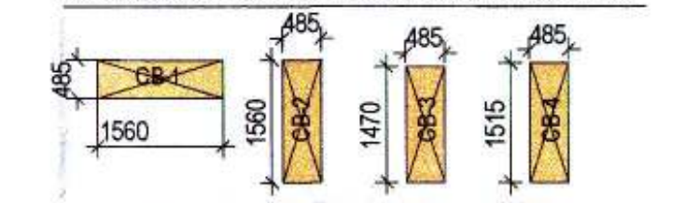
AREA UNDER MUMTY (FIRE STAIRCASE)	
1	3.680 x 5.445 x 1 =20.0376 m²
	Total mumty area=20.0376 m²

AREA UNDER FIRESCAPE STAIRCASE


3450
5100
UP
DN

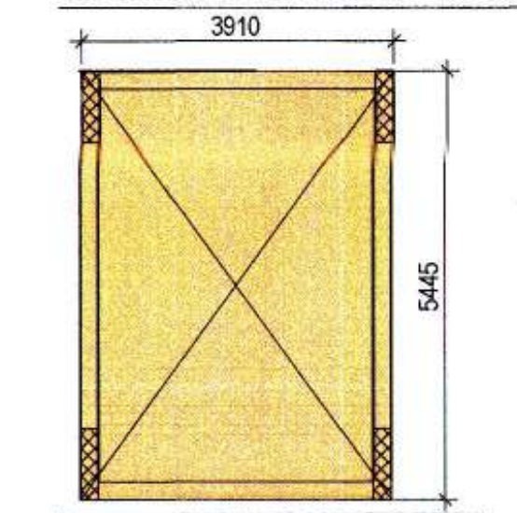
AREA UNDER FIRE STAIRCASE	
1	3.450 x 5.100 x 1 =17.595 m²
	Total fire staircase area=17.595 m²

AREA CALCULATION -CUPBOARDS


CB-1
CB-2
CB-3
CB-4
485
1560
1470
1515

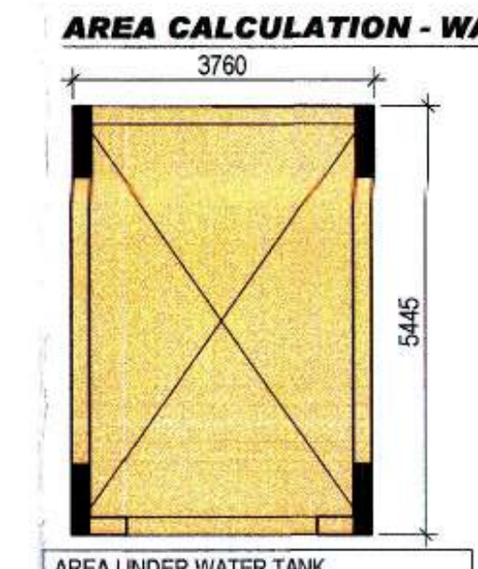
AREA UNDER CUPBOARDS		
CB-1	1.560 x 0.485 = 0.756 m²	
	NOS OF CUPBOARDS 2 nos	
	NET AREA OF CUPBOARDS	= 1.512 m²
CB-3	0.485 x 1.470 = 0712 m²	
	NOS OF CUPBOARDS 4 nos	
	NET AREA OF CUPBOARDS	= 2.851 m²
CB-4	0.485 x 1.515 = 0734 m²	
	NOS OF CUPBOARDS 2 nos	
	NET AREA OF CUPBOARDS	= 1.469 m²
	NET AREA OF CUPBOARD ON	= 5.832 m²

AREA CALCULATION - WATER TANK-1



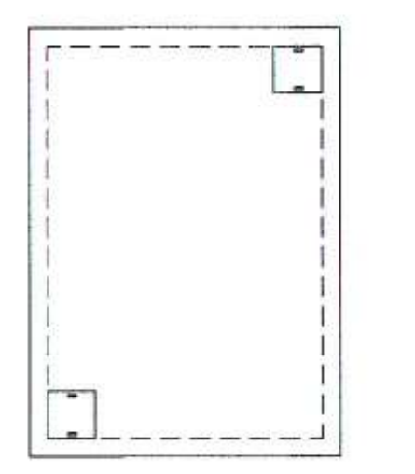
AREA UNDER WATER TANK	
1	3.910 x 5.445 x 1 =21.289 m²
	Total under water tank =21.289 m²

AREA CALCULATION - WATER TANK-2

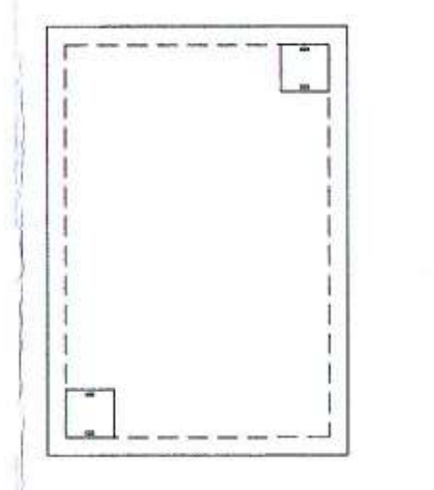


AREA UNDER WATER TANK	
1	3.760 x 5.445 x 1 =20.473 m²
	Total under water tank =20.473 m²

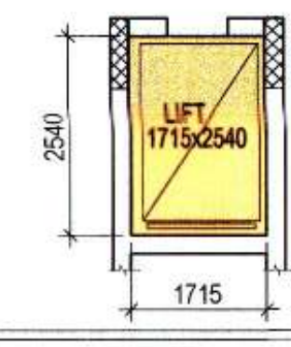
WATER TANK TOP PLAN-1



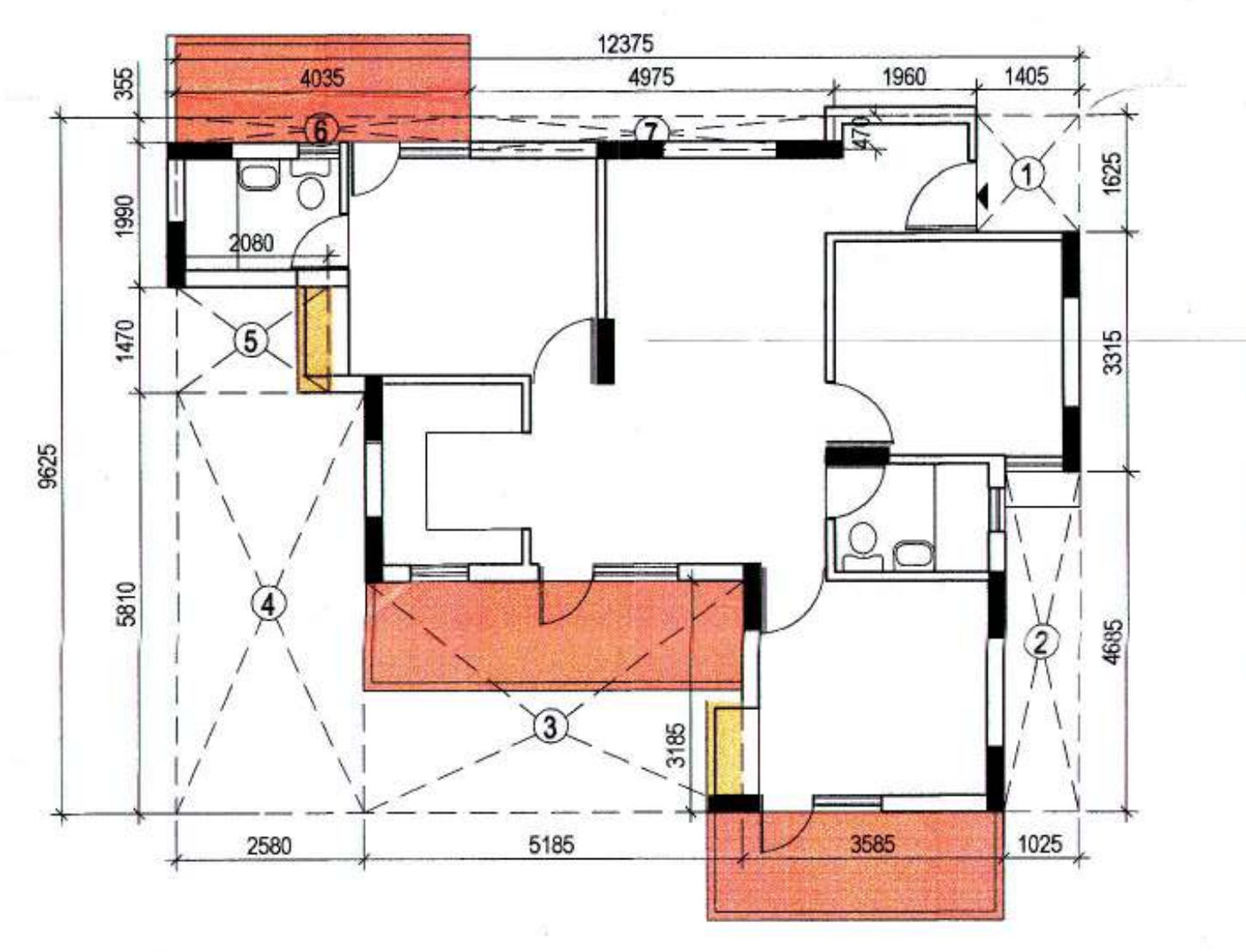
WATER TANK TOP PLAN-2



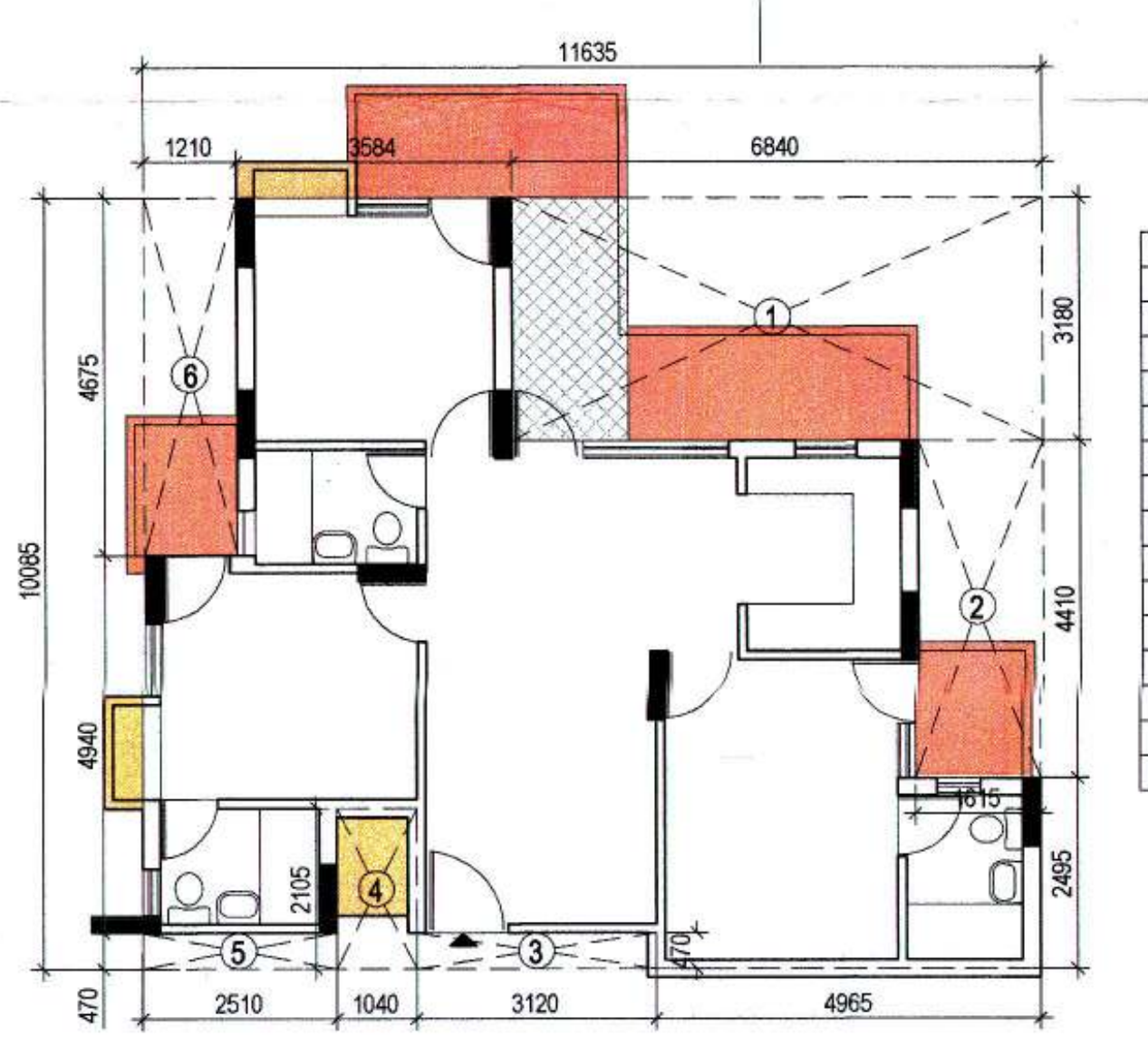
AREA CALCULATION - LIFT WELL


LIFT 1715x2540
2540
1715

AREA UNDER LIFT WELL	
1	1.715 x 2.540 x 2 = 8.712 m²
	Total shaft area = 8.712 m²

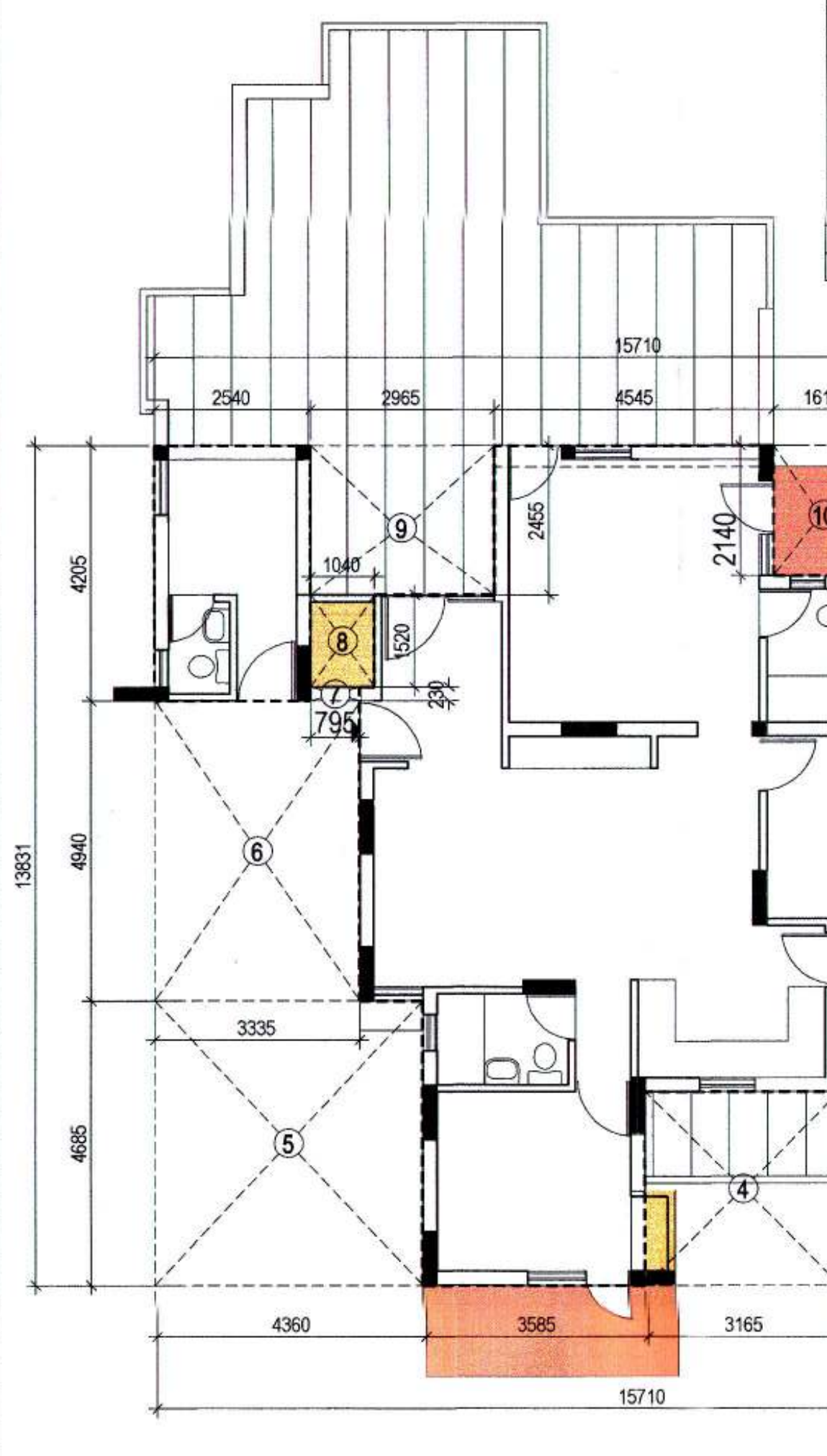

12375
4975
1960
1405
1625
3315
4685
2580
5185
3585
1025

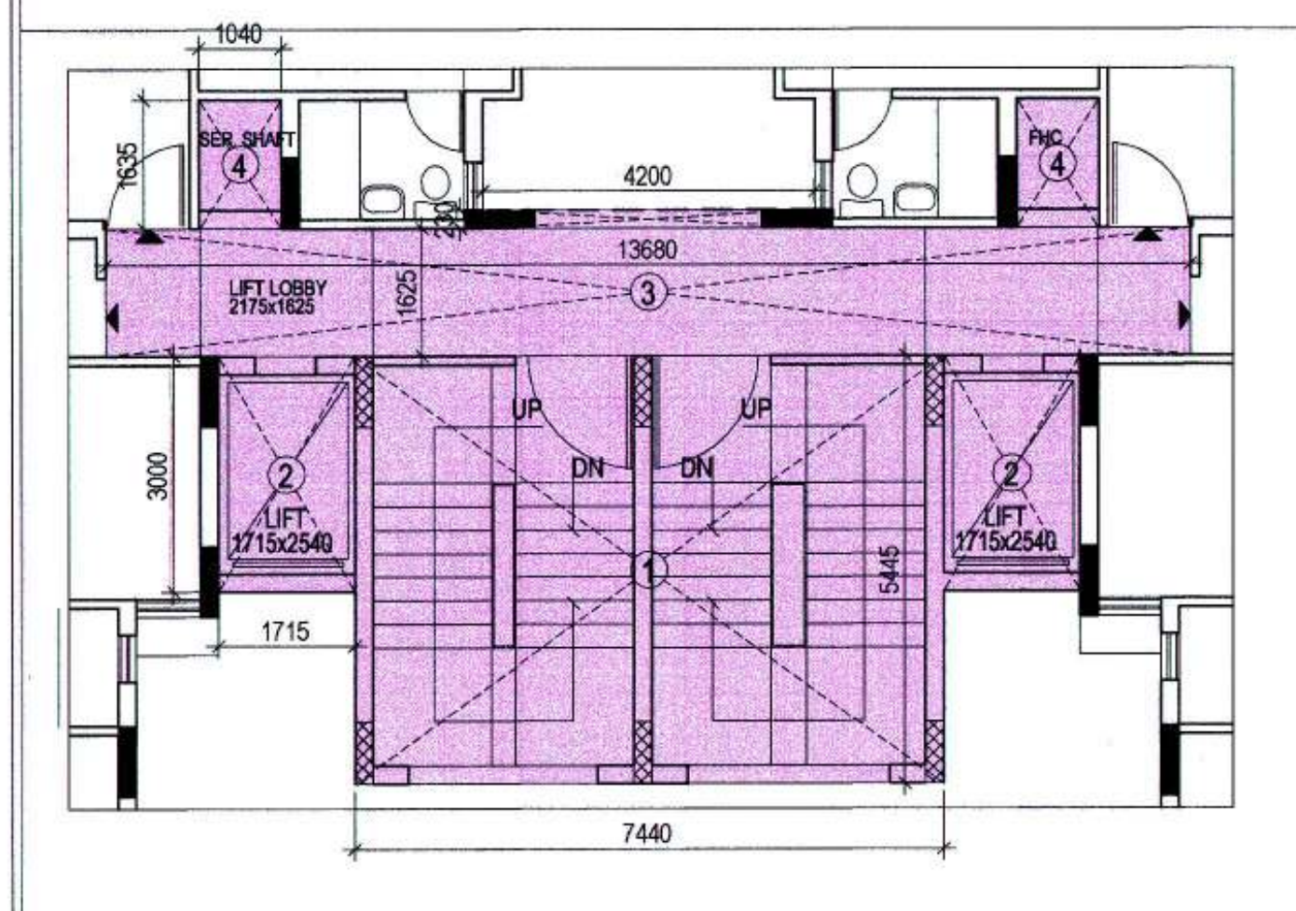
AREA CALCULATION - 3 BHK (TYPE -B)		
12.375 x 9.625 = 119.109 m²		
Deductions:-		
1	1.405 x 1.625	= 2.283 m²
2	1.025 x 4.685	= 4.802 m²
3	5.185 x 3.185	= 16.514 m²
4	2.580 x 5.810	= 14.989 m²
5	2.130 x 0.479	= 3.131 m²
6	4.085 x 0.355	= 1.450 m²
7	4.975 x 0.470	= 2.338 m²
	Total	= 46.957 m²
AREA UNDER ONE UNIT		
119.109 - 46.957 = 72.152 m²		
TOTAL FAR OF UNIT = 72.152 m²		
NOS OF UNITS = 2 nos		
TOTAL FAR = 144.304 m²		


11635
6840
3180
4410
2495
10085
2510
1040
3120
4965

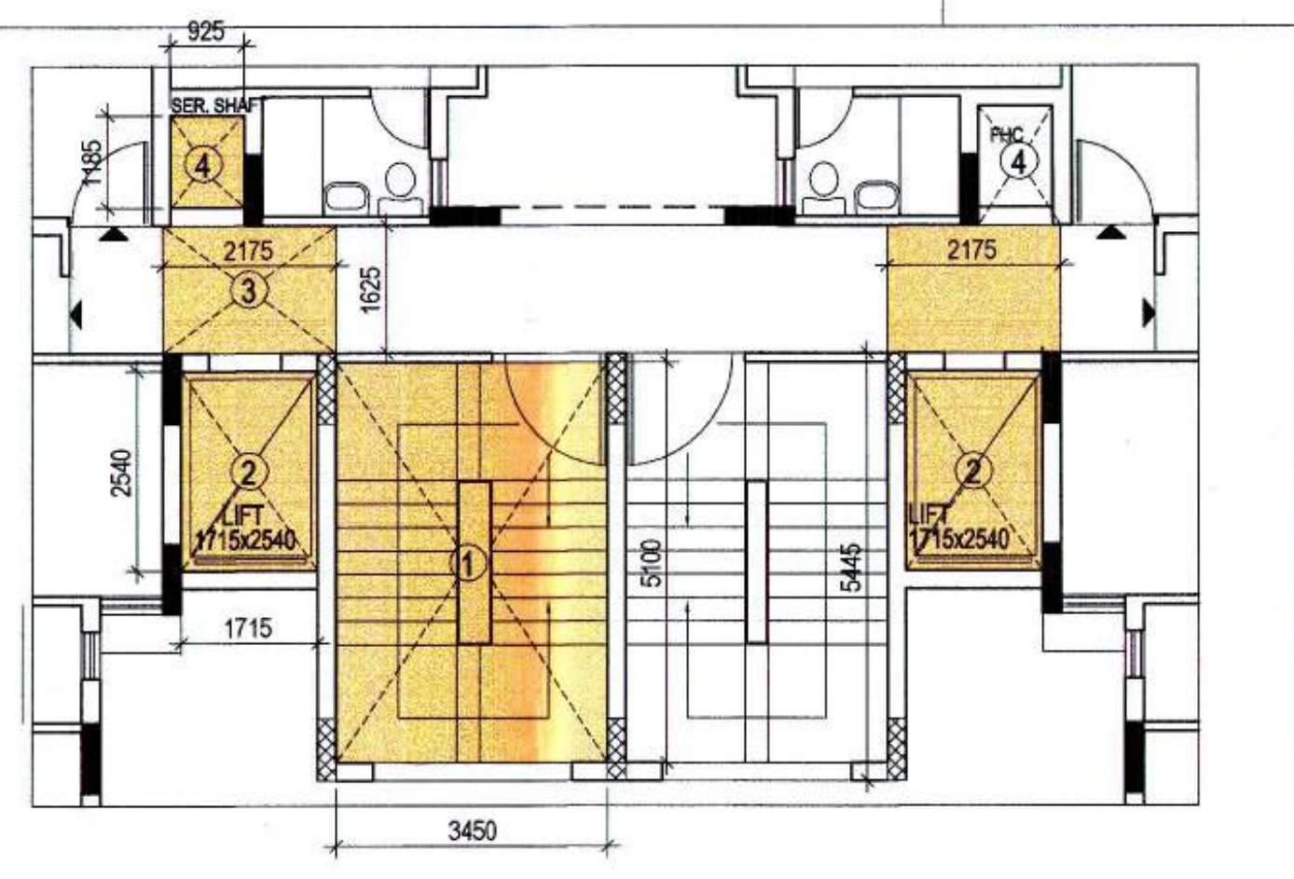
AREA CALCULATION - 3 BHK (TYPE -B1)		
11.635 x 10.085 = 117.338 m²		
Deductions:-		
1	6.840 x 3.180	= 21.751 m²
2	1.615 x 4.410	= 7.122 m²
3	3.120 x 0.470	= 1.466 m²
4	1.040 x 2.105	= 2.189 m²
5	2.510 x 0.470	= 1.179 m²
6	1.210 x 4.675	= 5.656 m²
	Total	= 39.363 m²
AREA UNDER ONE UNIT		
117.338 - 39.363 = 77.973 m²		
BALCONY 25% = 1.192 m²		
TOTAL FAR OF UNIT= 79.165 m²		
NOS OF UNITS = 2 nos		
TOTAL FAR = 158.330 m²		

AREA CALCULATION - PENT HOUSE (P2)		
15.710 x13.831 = 217.285 m²		
Deductions:-		
1	4.045x 4.560	= 18.445 m²
2	2.115 x 1.470	= 3.109 m²
3	4.600 x 5.810	= 26.726 m²
4	3.165 x 3.185	= 10.080 m²
5	4.360 x 4.685	= 20.426 m²
6	3.335 x 4.910	= 16.374 m²
7	0.795 x 0.230	= 0.182 m²
8	1.040 x 1.520	= 1.580 m²
9	2.965 x 2.455	= 7.279 m²
10	1.615 x 2.140	= 3.456 m²
	Total	= 107.657 m²
AREA UNDER ONE UNIT		
217.285 - 107.657 = 109.628 m²		
TOTAL FAR OF UNIT = 109.628 m²		
NOS OF UNITS = 2 nos		
TOTAL FAR = 219.256 m²		


15710
2540
2965
4545
1615
4045
2140
13831
4205
4940
4685
4560
1990
1470
5810
3335
4360
3585
3165
4600

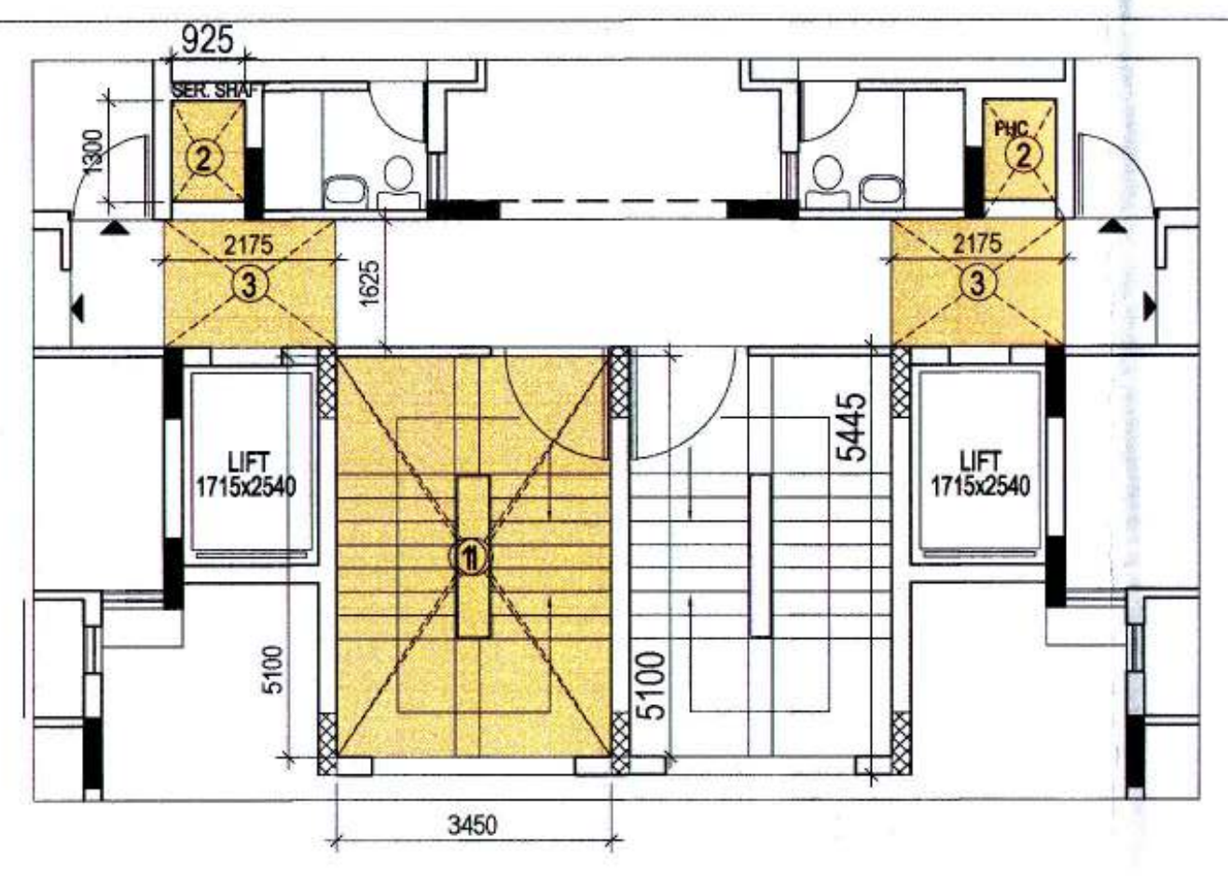

4200
13680
LIFT 1715x2540
LIFT 1715x2540
5445
1715
7440

ADDITION OF PASSAGE AREA	
1	7.440 x 5.445 = 40.510 m²
2	1.715 x 3.000 x 2 = 10.290 m²
3	13.680 x 1.625 x 1 = 22.100 m²
4	1.040 x 1.300 x 2 = 2.704 m²
5	4.200 x 0.230 x 1 = 0.966 m²
	Total = 76.570 m²


2175
2175
LIFT 1715x2540
LIFT 1715x2540
1715
5100
5445
3450

TYPICAL PASSAGE AREA CALCULATION
(FROM 1st TO 27 th floor)

DEDUCTION FOR PASSAGE AREA	
1	3.450 x 5.100 x 1 = 17.595 m²
2	1.715 x 2.540 x 2 = 8.712 m²
3	2.175 x 1.635 x 2 = 7.112 m²
4	1.040 x 1.415 x 2 = 2.943 m²
	Total deduction = 36.362 m²
	PASSAGE FAR AREA=ADDITION-DEDUCTION =40.904


925
2175
2175
LIFT 1715x2540
LIFT 1715x2540
5100
5100
5445
3450

ACILLARY PASSAGE AREA CALCULATION AT GROUND FLOOR
(GROUND FLOOR PLAN)

ACILLARY AREA AT GROUND FLOOR	
1	3.450 x 5.100 x 1 = 17.595 m²
2	0.925 x 1.300 x 2 = 2.405 m²
3	2.175 x 1.635 x 2 = 7.112 m²
	Total = 27.112m²
	PASSAGE AREA=ADDITION-DEDUCTION
	76.570 - 27.112 = 49.458 m²
ANCILLARY AREA AT GROUND FLOOR = 27.112 m²	

NET FAR ON GROUND FLOOR (TOWER A-1,A2,A4& A5)
(FAR UNIT [Bx2+B1x2] +PASSAGE AREA+EXTRA WALL AREA)
144.304 + 158.330 + 49.458 +.307 = 352.092 m²

NET FAR ON TYPICAL FLOOR
(FAR UNIT [Bx2+B1x2] +PASSAGE AREA)
144.304 + 158.330 + 40.904 = 343.538 m²

NET FAR ON 27th FLOOR
(FAR UNIT [P3 x 2] +PASSAGE AREA)
219.256 + 40.904 = 260.160 m²

EXTRA WALL AREA IN TOWER A-1 (INOX)	
1	0.115 x 1.990 x 2 = 0.437 m²
NET FAR ON TYP. FLOOR	
IN TOWER A-1	**= 343.975 m²**
NET FAR ON 27th FLOOR	**= 260.597 m²**

EXTRA WALL AREA IN TOWER A-2 (HELIX)	
1	0.115 x 1.990 x 2 = 0.437 m²
NET FAR ON TYP. FLOOR	
IN TOWER A-1	**= 343.975 m²**
NET FAR ON 27th FLOOR	**= 260.597 m²**

EXTRA WALL AREA IN TOWER A-4 (FUSION)	
1	0.115 x 1.990 x 2 = 0.437 m²
NET FAR ON TYP. FLOOR	
IN TOWER A-1	**= 343.975 m²**
NET FAR ON 27th FLOOR	**= 260.597 m²**

EXTRA WALL AREA IN TOWER A-5 (ESSENSSIA)	
1	0.115 x 1.990 x 2 = 0.437 m²
NET FAR ON TYP. FLOOR	
IN TOWER A-1	**= 343.975 m²**
NET FAR ON 27th FLOOR	**= 260.597 m²**

AREA LEGEND

FAR	🟪
15% ANCILLARY	🟨
NON FAR	🟥
BALCONY AREA 25% IN FAR & 75%in FREE OF FAR	▨

SECHDULE OF OPENINGS

SL. NO.	TYPE	SIZE	C-LVL.	L-LVL.	
1.	D1	1000 x2100	---	2480	
2.	D	900x2100	---	2100	
3.	D2	750x2100	---	2100	
4.	DW	1775x1600	900	2500	
5.	DW1	1930x1600	900	2500	
6.	DW2	1550x1600	900	2500	
7.	DW3	2830x1400	1100	2500	
8.	DW4	1990x1600	900	2500	
9.	V	600x1000	1500	2500	
10.	W	900x1600	1500	2500	
11.	W1	1200x1600	1500	2500	
12.	W2	1800x1600	1500	2500	

(421)

Greater Noida Industrial Dev. Authority
APPROVED
BP 3466
Vide Letter No.2..7...Dated 22/2/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
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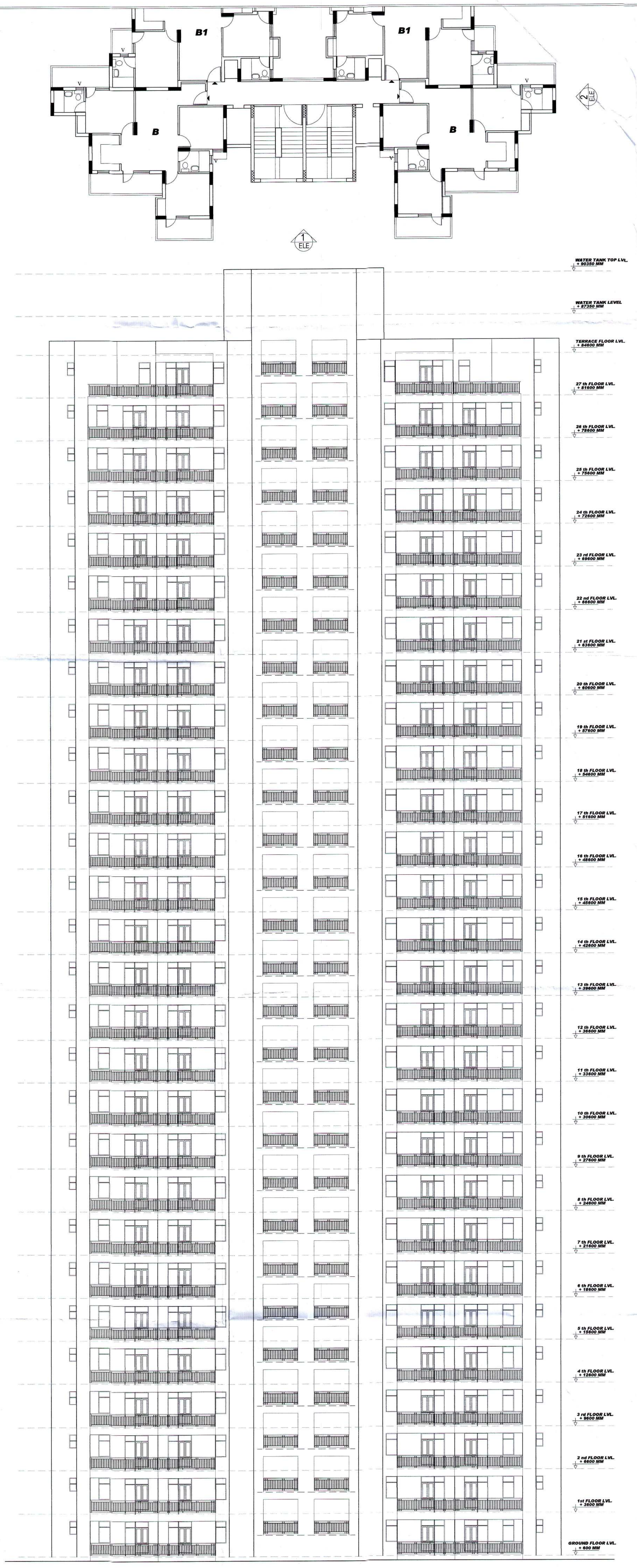
Mob:- 9971929898, 011-45792766

CLIENT'S
ARCHITECT'S

scale 1:100
drg. no. SB-09

drawing title
GROUND & TYPICAL FLOOR PLAN
AREA CALCULATION (TOWER-A-1,A2,A-4 & A-5)


B1
B1
B
B
2
ELE
1
ELE
WATER TANK TOP LVL.
+ 90350 MM
WATER TANK LEVEL
+ 87350 MM
TERRACE FLOOR LVL.
+ 84600 MM
27 th FLOOR LVL.
+ 81600 MM
26 th FLOOR LVL.
+ 78600 MM
25 th FLOOR LVL.
+ 75600 MM
24 th FLOOR LVL.
+ 72600 MM
23 rd FLOOR LVL.
+ 69600 MM
22 nd FLOOR LVL.
+ 66600 MM
21 st FLOOR LVL.
+ 63600 MM
20 th FLOOR LVL.
+ 60600 MM
19 th FLOOR LVL.
+ 57600 MM
18 th FLOOR LVL.
+ 54600 MM
17 th FLOOR LVL.
+ 51600 MM
16 th FLOOR LVL.
+ 48600 MM
15 th FLOOR LVL.
+ 45600 MM
14 th FLOOR LVL.
+ 42600 MM
13 th FLOOR LVL.
+ 39600 MM
12 th FLOOR LVL.
+ 36600 MM
11 th FLOOR LVL.
+ 33600 MM
10 th FLOOR LVL.
+ 30600 MM
9 th FLOOR LVL.
+ 27600 MM
8 th FLOOR LVL.
+ 24600 MM
7 th FLOOR LVL.
+ 21600 MM
6 th FLOOR LVL.
+ 18600 MM
5 th FLOOR LVL.
+ 15600 MM
4 th FLOOR LVL.
+ 12600 MM
3 rd FLOOR LVL.
+ 9600 MM
2 nd FLOOR LVL.
+ 6600 MM
1st FLOOR LVL.
+ 3600 MM
GROUND FLOOR LVL.
+ 600 MM

ELEVATION AT -1 (TOWER-A1,A2,A4 & A5)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
H Bashista
Director

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

ALOK AGNIHOTRI
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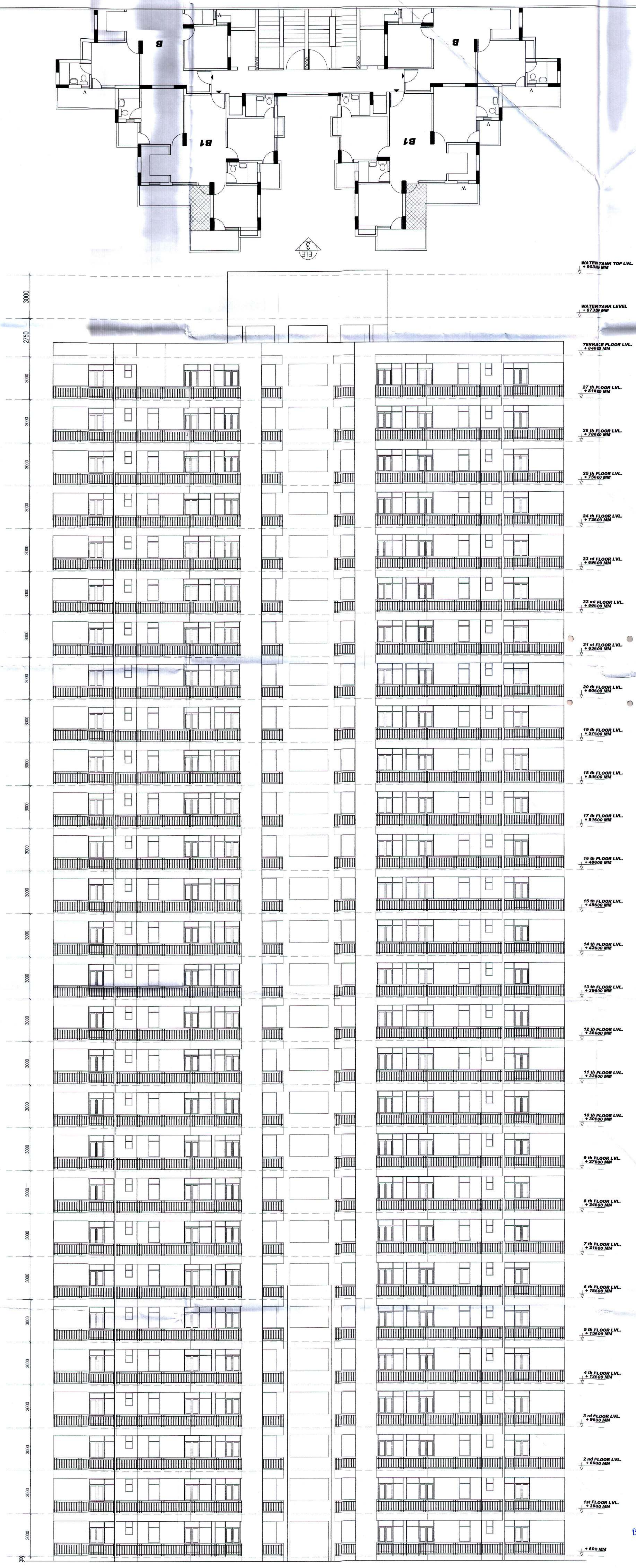
Mob:- 9971929898, 011-45792766

CLIENT'S
ARCHITECT'S

scale 1:100
drg. no. SB-10

drawing title
ELEVATION AT -1 (TOWER-A1,A2,A4 & A5)

Greater Noida Industrial Dev. Authority
APPROVED
BP 3462
Vide Letter No. 207 Dated 22/12/2017
Valid upto Dated 5 years
DGM
(Plng.)
Gen. Manager
(Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)


B
B
B1
B1
V
V
V
V
W
A
A
ELE
3
WATER TANK TOP LVL.
+ 90350 MM
WATER TANK LEVEL
+ 87350 MM
TERRACE FLOOR LVL.
+ 84600 MM
27 th FLOOR LVL.
+ 81600 MM
26 th FLOOR LVL.
+ 78600 MM
25 th FLOOR LVL.
+ 75600 MM
24 th FLOOR LVL.
+ 72600 MM
23 rd FLOOR LVL.
+ 69600 MM
22 nd FLOOR LVL.
+ 66600 MM
21 st FLOOR LVL.
+ 63600 MM
20 th FLOOR LVL.
+ 60600 MM
19 th FLOOR LVL.
+ 57600 MM
18 th FLOOR LVL.
+ 54600 MM
17 th FLOOR LVL.
+ 51600 MM
16 th FLOOR LVL.
+ 48600 MM
15 th FLOOR LVL.
+ 45600 MM
14 th FLOOR LVL.
+ 42600 MM
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+ 39600 MM
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+ 33600 MM
10 th FLOOR LVL.
+ 30600 MM
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+ 27600 MM
8 th FLOOR LVL.
+ 24600 MM
7 th FLOOR LVL.
+ 21600 MM
6 th FLOOR LVL.
+ 18600 MM
5 th FLOOR LVL.
+ 15600 MM
4 th FLOOR LVL.
+ 12600 MM
3 rd FLOOR LVL.
+ 9600 MM
2 nd FLOOR LVL.
+ 6600 MM
1st FLOOR LVL.
+ 3600 MM
+ 600 MM
3000
2750
3000
300

ELEVATION AT -2 (TOWER-A1,A2,A4 & A5)

Greater Noida Industrial Dev. Authority
APPROVED
BP 3488 Vide Letter No. 2-7 Dated 22/2/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
HKashula
Director

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

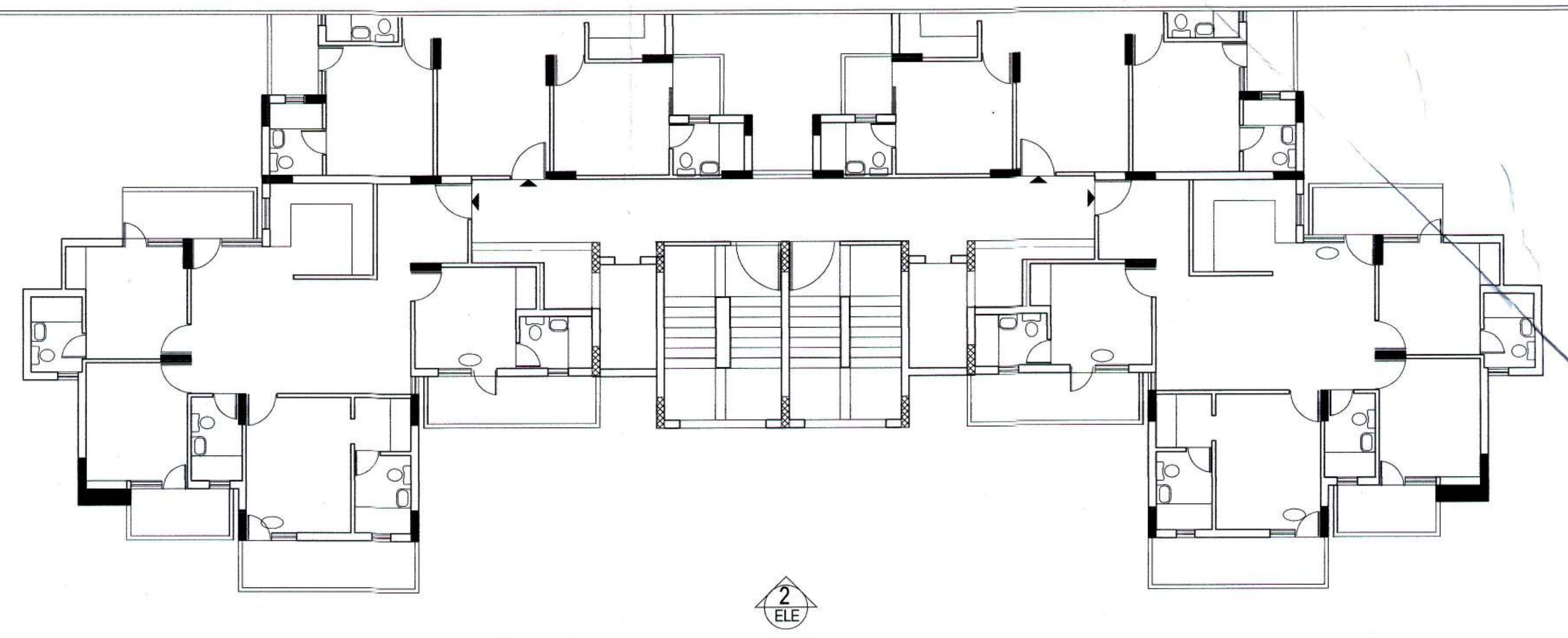
ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766

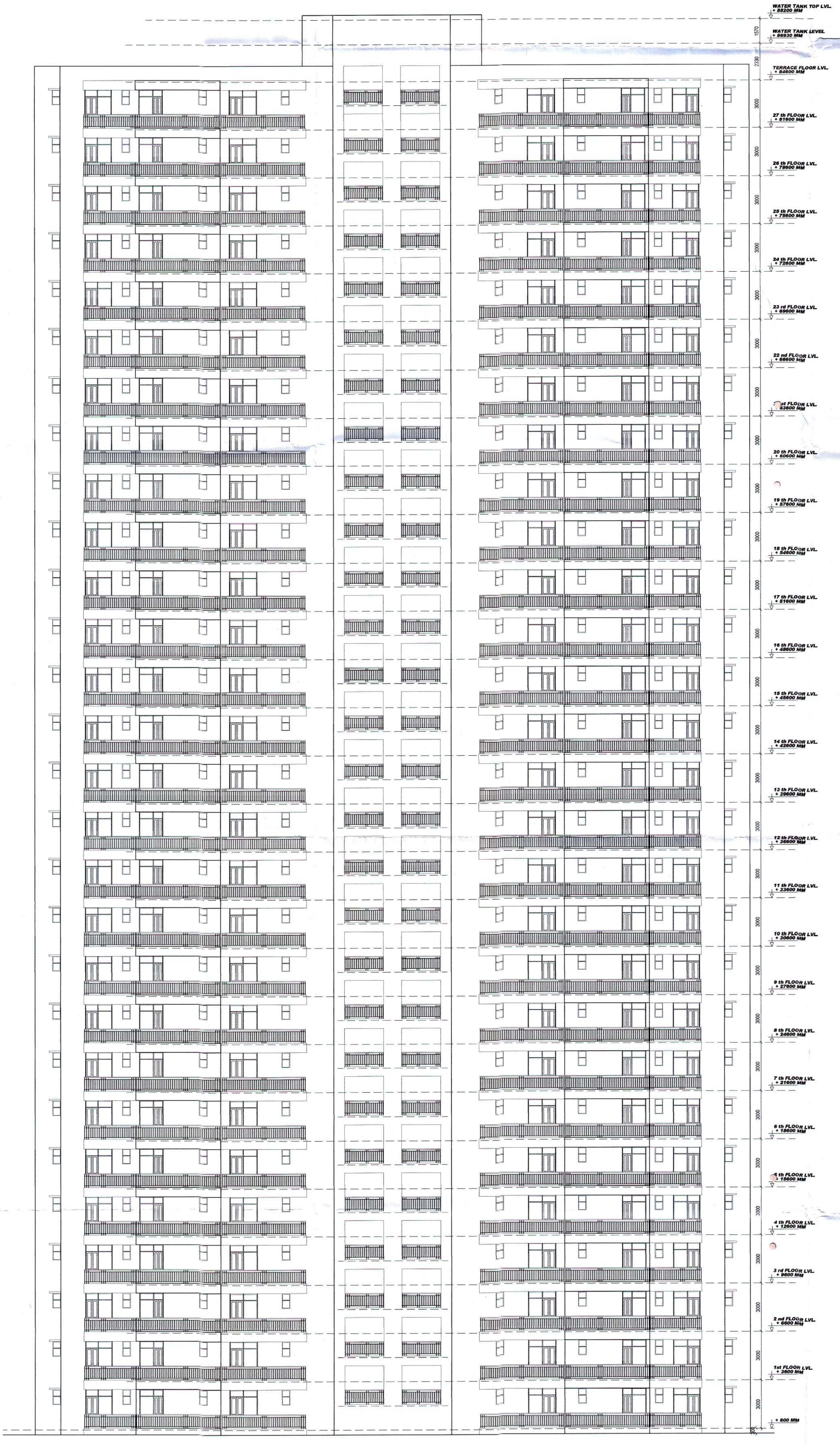
CLIENT'S	ARCHITECT'S

scale 1:100
drg. no. SB-11

drawing title
ELEVATION AT -2 (TOWER-A1,A2,A4 & A5)

(419)




WATER TANK TOP LVL.
+ 88200 MM
1570
WATER TANK LEVEL
+ 86930 MM
2330
TERRACE FLOOR LVL.
+ 84600 MM
3000
27 th FLOOR LVL.
+ 81600 MM
3000
26 th FLOOR LVL.
+ 78600 MM
3000
25 th FLOOR LVL.
+ 75600 MM
3000
24 th FLOOR LVL.
+ 72600 MM
3000
23 rd FLOOR LVL.
+ 69600 MM
3000
22 nd FLOOR LVL.
+ 66600 MM
3000
[illegible]st FLOOR LVL.
63600 MM
3000
20 th FLOOR LVL.
+ 60600 MM
3000
19 th FLOOR LVL.
+ 57600 MM
3000
18 th FLOOR LVL.
+ 54600 MM
3000
17 th FLOOR LVL.
+ 51600 MM
3000
16 th FLOOR LVL.
+ 48600 MM
3000
15 th FLOOR LVL.
+ 45600 MM
3000
14 th FLOOR LVL.
+ 42600 MM
3000
13 th FLOOR LVL.
+ 39600 MM
3000
12 th FLOOR LVL.
+ 36600 MM
3000
11 th FLOOR LVL.
+ 33600 MM
3000
10 th FLOOR LVL.
+ 30600 MM
3000
9 th FLOOR LVL.
+ 27600 MM
3000
8 th FLOOR LVL.
+ 24600 MM
3000
7 th FLOOR LVL.
+ 21600 MM
3000
6 th FLOOR LVL.
+ 18600 MM
3000
5 th FLOOR LVL.
+ 15600 MM
3000
4 th FLOOR LVL.
+ 12600 MM
3000
3 rd FLOOR LVL.
+ 9600 MM
3000
2 nd FLOOR LVL.
+ 6600 MM
3000
1st FLOOR LVL.
+ 3600 MM
3000
+ 600 MM
300

ELEVATION AT -3 (TOWER-A3)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

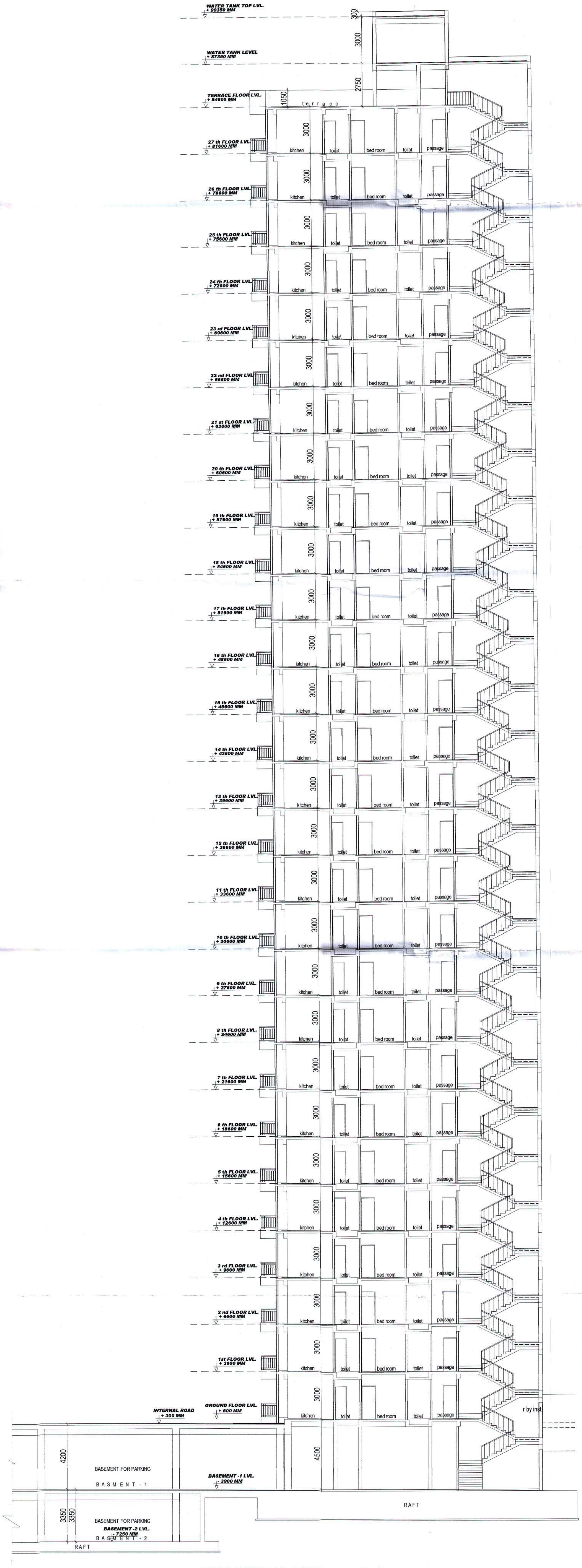
For VARDHMAN REALTECH PVT. LTD.
Director
CLIENT'S

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766
ARCHITECT'S

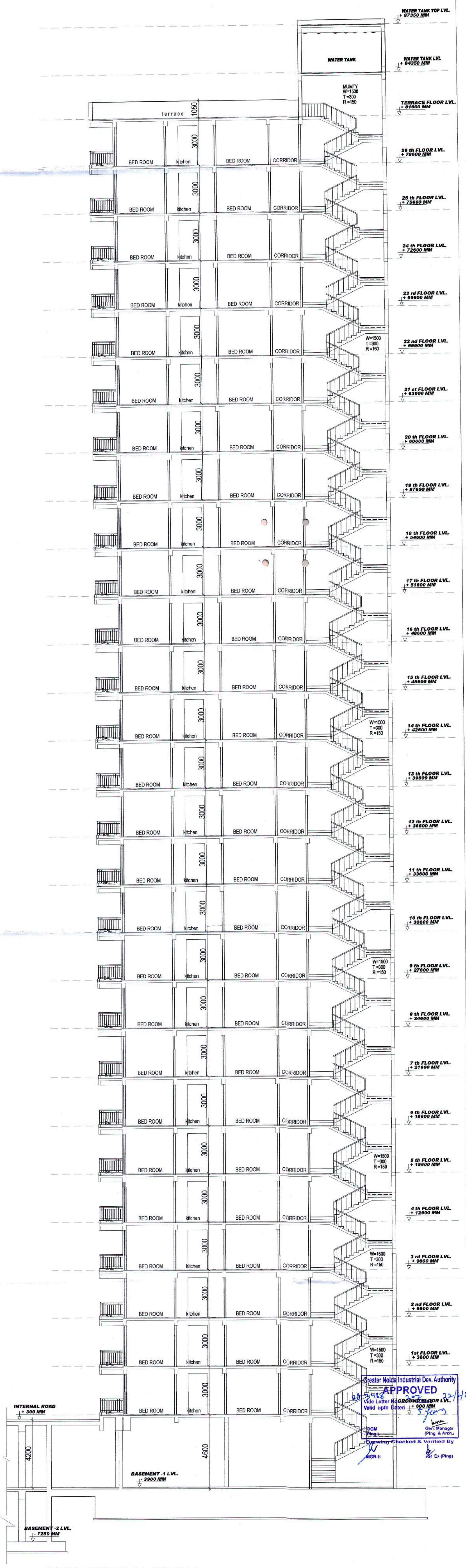
Greater Noida Industrial Dev. Authority
APPROVED
Bd B/488
Vide Letter No. 207 Dated 22/2/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)
(418)

scale 1:100
drg. no. SB-12

drawing title
ELEVATION AT -3 (TOWER-A3)


WATER TANK TOP LVL. + 90350 MM
WATER TANK LEVEL + 87350 MM
TERRACE FLOOR LVL. + 84600 MM
terrace
27 th FLOOR LVL. + 81600 MM
26 th FLOOR LVL. + 78600 MM
25 th FLOOR LVL. + 75600 MM
24 th FLOOR LVL. + 72600 MM
23 rd FLOOR LVL. + 69600 MM
22 nd FLOOR LVL. + 66600 MM
21 st FLOOR LVL. + 63600 MM
20 th FLOOR LVL. + 60600 MM
19 th FLOOR LVL. + 57600 MM
18 th FLOOR LVL. + 54600 MM
17 th FLOOR LVL. + 51600 MM
16 th FLOOR LVL. + 48600 MM
15 th FLOOR LVL. + 45600 MM
14 th FLOOR LVL. + 42600 MM
13 th FLOOR LVL. + 39600 MM
12 th FLOOR LVL. + 36600 MM
11 th FLOOR LVL. + 33600 MM
10 th FLOOR LVL. + 30600 MM
9 th FLOOR LVL. + 27600 MM
8 th FLOOR LVL. + 24600 MM
7 th FLOOR LVL. + 21600 MM
6 th FLOOR LVL. + 18600 MM
5 th FLOOR LVL. + 15600 MM
4 th FLOOR LVL. + 12600 MM
3 rd FLOOR LVL. + 9600 MM
2 nd FLOOR LVL. + 6600 MM
1st FLOOR LVL. + 3600 MM
GROUND FLOOR LVL. + 600 MM
INTERNAL ROAD + 300 MM
BASEMENT -1 LVL. - 3900 MM
BASEMENT -2 LVL. - 7250 MM
kitchen
toilet
bed room
passage
3000
1050
2750
300
4500
4200
3350
BASEMENT FOR PARKING
BASMENT - 1
BASMENT - 2
RAFT
r by inst

TYPICAL SECTION AT1-1 (TOWER-A1,A2,A4 & A5)


WATER TANK TOP LVL. + 87350 MM
WATER TANK
WATER TANK LVL. + 84350 MM
MUMTY
W=1500
T=300
R=150
TERRACE FLOOR LVL. + 81600 MM
terrace
1050
26 th FLOOR LVL. + 78600 MM
25 th FLOOR LVL. + 75600 MM
24 th FLOOR LVL. + 72600 MM
23 rd FLOOR LVL. + 69600 MM
22 nd FLOOR LVL. + 66600 MM
21 st FLOOR LVL. + 63600 MM
20 th FLOOR LVL. + 60600 MM
19 th FLOOR LVL. + 57600 MM
18 th FLOOR LVL. + 54600 MM
17 th FLOOR LVL. + 51600 MM
16 th FLOOR LVL. + 48600 MM
15 th FLOOR LVL. + 45600 MM
14 th FLOOR LVL. + 42600 MM
13 th FLOOR LVL. + 39600 MM
12 th FLOOR LVL. + 36600 MM
11 th FLOOR LVL. + 33600 MM
10 th FLOOR LVL. + 30600 MM
9 th FLOOR LVL. + 27600 MM
8 th FLOOR LVL. + 24600 MM
7 th FLOOR LVL. + 21600 MM
6 th FLOOR LVL. + 18600 MM
5 th FLOOR LVL. + 15600 MM
4 th FLOOR LVL. + 12600 MM
3 rd FLOOR LVL. + 9600 MM
2 nd FLOOR LVL. + 6600 MM
1st FLOOR LVL. + 3600 MM
GROUND FLOOR LVL. + 600 MM
INTERNAL ROAD + 300 MM
BASEMENT -1 LVL. - 3900 MM
BASEMENT -2 LVL. - 7250 MM
BED ROOM
kitchen
CORRIDOR
3000
4600
4200

Greater Noida Industrial Dev. Authority
APPROVED
Vide Letter No. BD-3488 207 Dated 22/4/2017
Valid upto 5 years
Gen. Manager (Plng. & Arch.)
DGM (Plng.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)

TYPICAL SECTION AT 2-2 (TOWER-A-3)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766
Alok Agnihotri

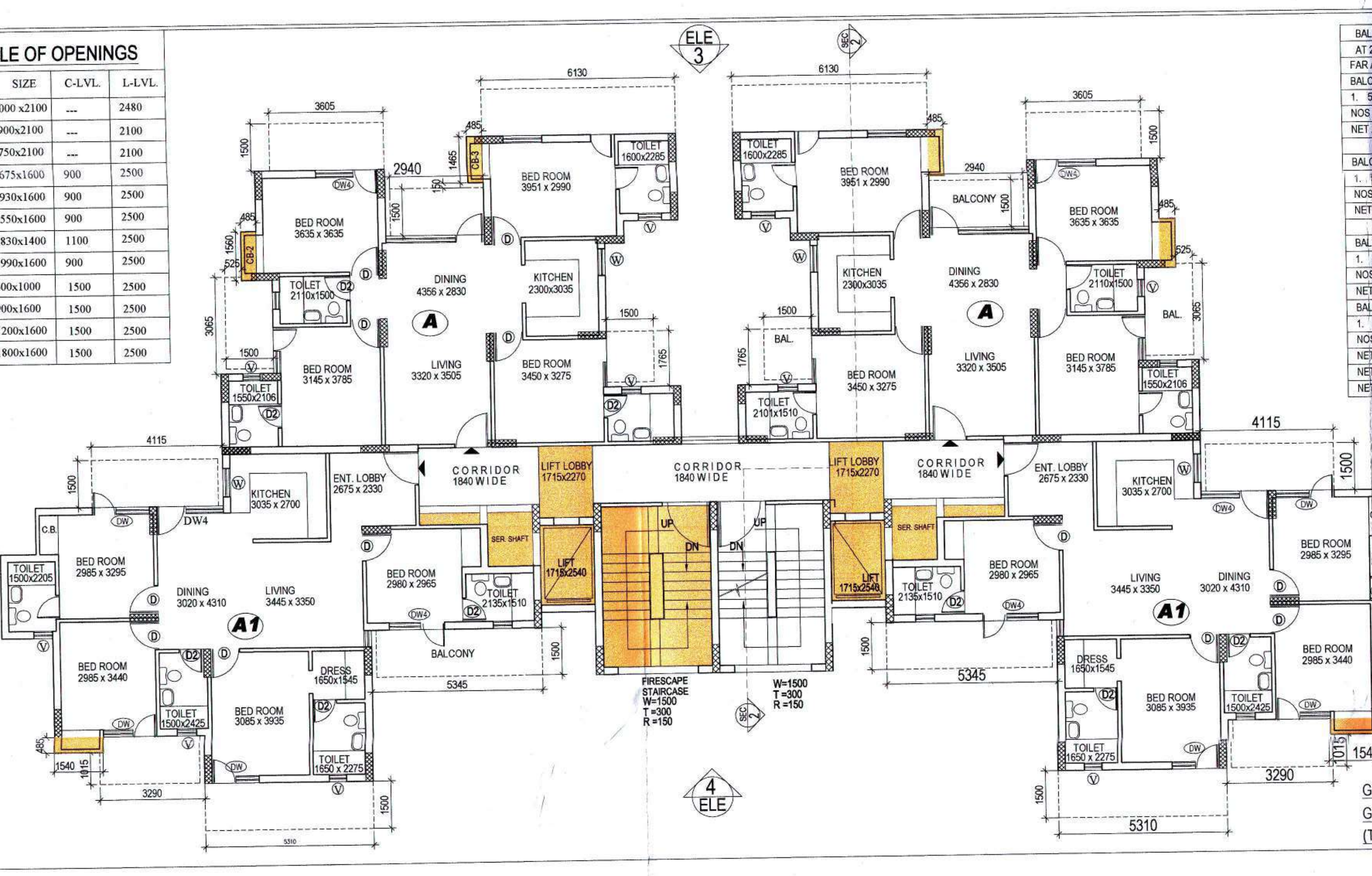
CLIENT'S
ARCHITECT'S

scale 1:100
drg. no. SB-12a

drawing title
TYPICAL SECTION AT -1-1 (TOWER-A1,A2,A4 & A5)
TYPICAL SECTION AT -3-3 (TOWER-A3)

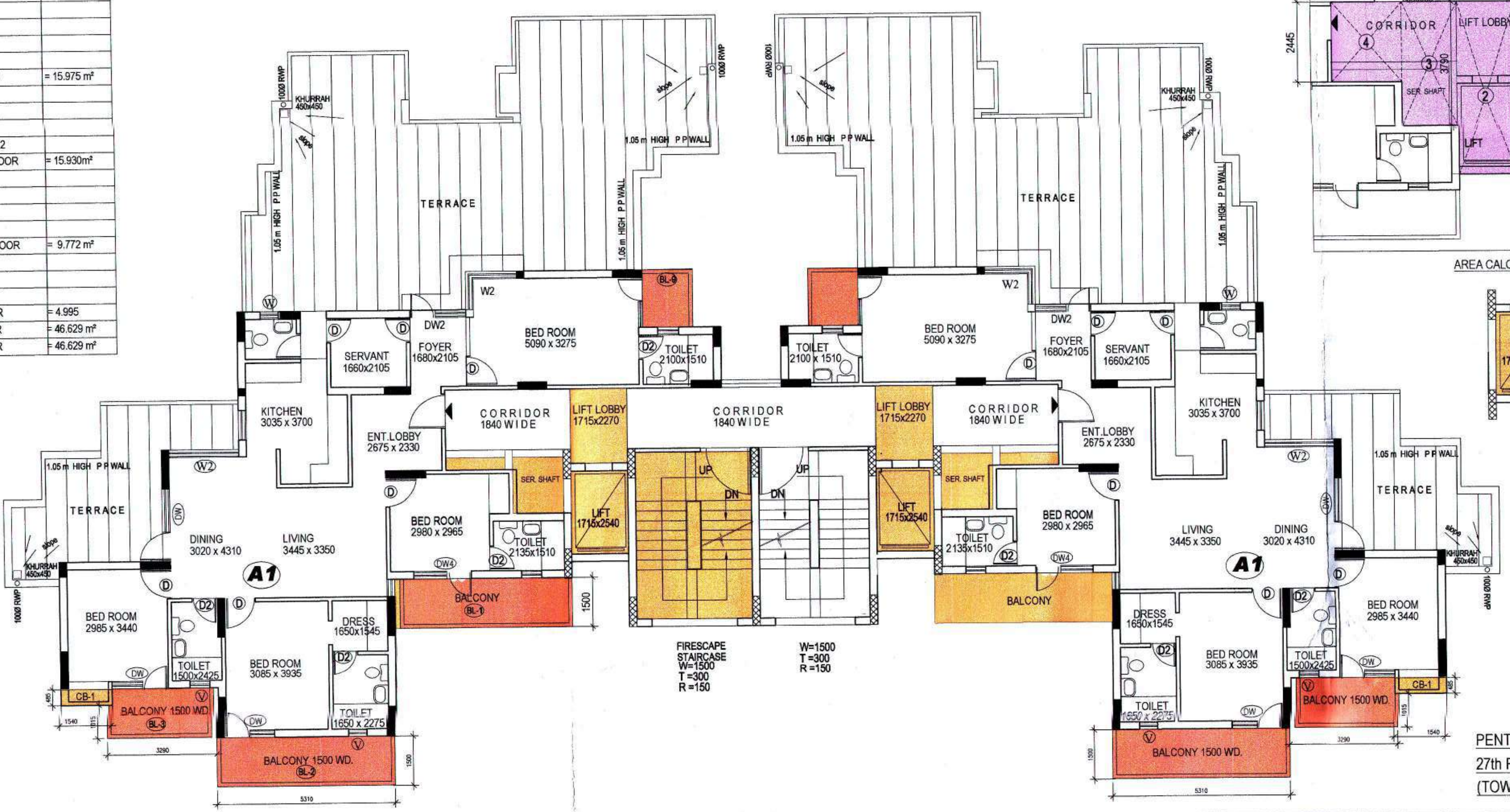
SECHDULE OF OPENINGS

SL. NO.	TYPE	SIZE	C-LVL.	L-LVL.
1.	D1	1000 x2100	---	2480
2.	D	900x2100	---	2100
3.	D2	750x2100	---	2100
4.	DW	1675x1600	900	2500
5.	DW1	1930x1600	900	2500
6.	DW2	1550x1600	900	2500
7.	DW3	2830x1400	1100	2500
8.	DW4	1990x1600	900	2500
9.	V	600x1000	1500	2500
10.	W	900x1600	1500	2500
11.	W1	1200x1600	1500	2500
12.	W2	1800x1600	1500	2500

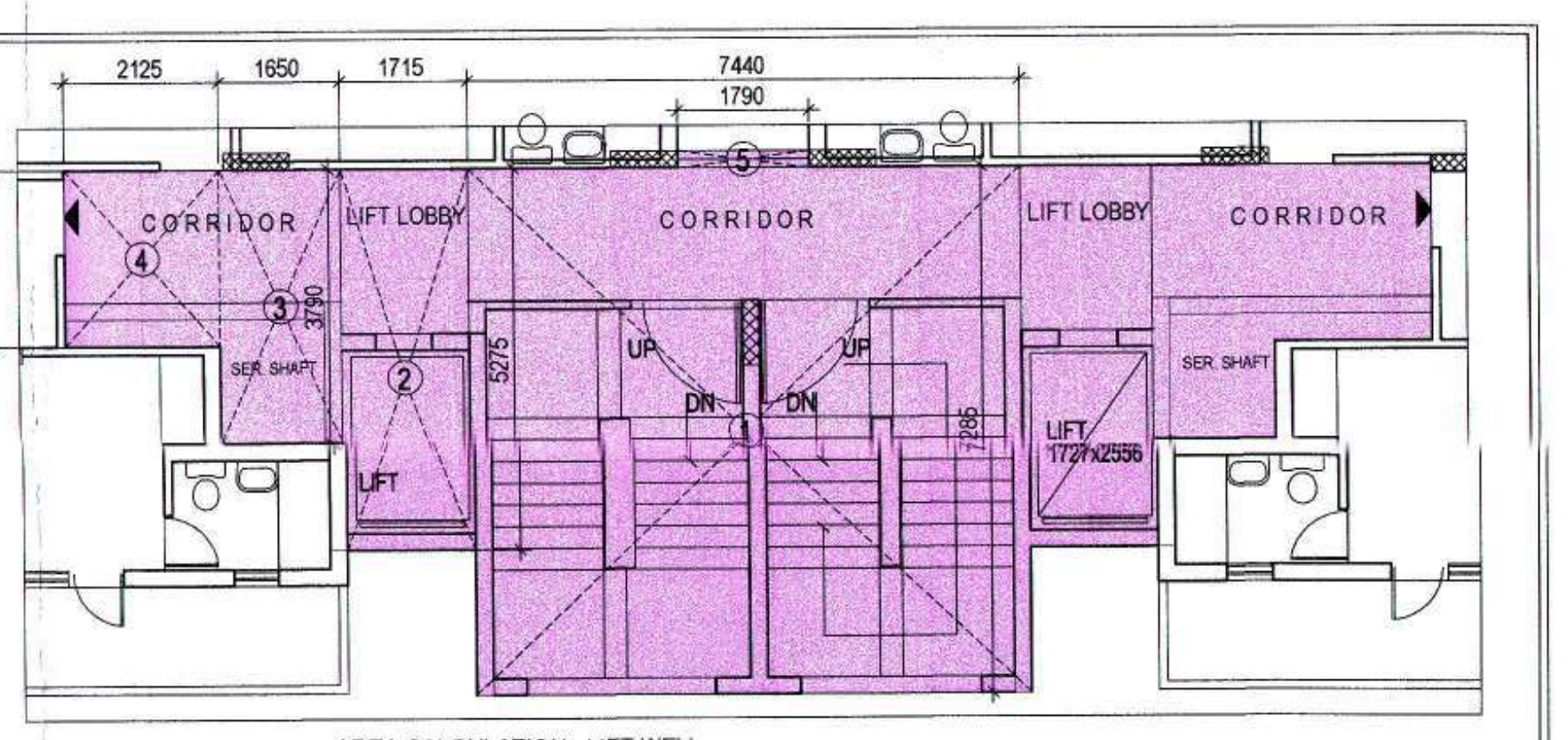

ELE 3
ELE 4
BED ROOM 3635 x 3635
BED ROOM 3951 x 2990
DINING 4356 x 2830
KITCHEN 2300x3035
LIVING 3320 x 3505
BED ROOM 3450 x 3275
BED ROOM 3145 x 3785
TOILET 1600x2285
BALCONY
A
A1
CORRIDOR 1840 WIDE
LIFT LOBBY 1715x2270
LIFT 1715x2540
SER. SHAFT
ENT. LOBBY 2675 x 2330
KITCHEN 3035 x 2700
DINING 3020 x 4310
LIVING 3445 x 3350
BED ROOM 2985 x 3295
BED ROOM 2985 x 3440
BED ROOM 2980 x 2965
BED ROOM 3085 x 3935
DRESS 1650x1545
TOILET 1500x2425
TOILET 1650 x 2275
FIRESCAPE STAIRCASE W=1500 T=300 R=150
W=1500 T=300 R=150
C.B.
4115
5345
3290
5310

GROUND FLOOR PLAN
GR.+26+PENT HOUSE
(TOWER-A3)

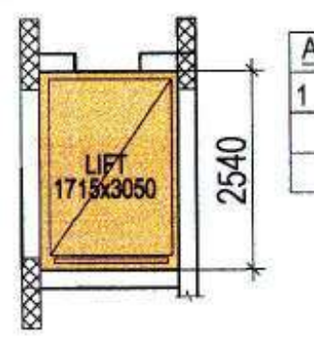
BALCONY FREE OF FAR AREA CALCULATION	
AT 27th FLOOR	
FAR AREA IN BALCONY (BL1)	
BALCONY BL-1	
1. 5.325 x 1.500 = 7.987 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-1 TYPICAL FLOOR	= 15.975 m²
BALCONY BL-2	
1. 5.310 x 1.500 = 7.965 m²	
NOS OF BALCONY ON TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-2 ON TYPICAL FLOOR	= 15.930m²
BALCONY BL-3	
1. 3.180x0.485+3.295x1.015 = 4.886 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-3 ON TYPICAL FLOOR	= 9.772 m²
BALCONY BL- 9	
1. 1.500 x 1.665 = 2.497 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-9 ON TYPICAL FLOOR	= 4.995
NET AREA OF BALCONY ON TYPICAL FLOOR	= 46.629 m²
NET FREE OF FAR BALCONY ON 27th FLOOR	= 46.629 m²


TERRACE
1.05 m HIGH P P WALL
KHURRAM 400x400
BED ROOM 5090 x 3275
FOYER 1660x2105
SERVANT 1660x2105
DW2
W2
KITCHEN 3035 x 3700
ENT. LOBBY 2675 x 2330
CORRIDOR 1840 WIDE
LIFT LOBBY 1715x2270
LIFT 1715x2540
SER. SHAFT
DINING 3020 x 4310
LIVING 3445 x 3350
BED ROOM 2985 x 3440
BED ROOM 3085 x 3935
BED ROOM 2985 x 2965
DRESS 1650x1545
BALCONY
BALCONY 1500 WD.
FIRESCAPE STAIRCASE W=1500 T=300 R=150
A1

PENT HOUSE
27th FLOOR PLAN
(TOWER-A3)


2125
1650
1715
7440
1790
2445
CORRIDOR
LIFT LOBBY
SER. SHAFT
LIFT
UP
DN
1727x2556

AREA CALCULATION - LIFT WELL



AREA UNDER LIFT WELL	
1	1.715 x 2.540 x 2 = 8.712 m²
	Total shaft area = 8.712 m²

ADDITION OF PASSAGE AREA	
1	7.440 x 7.285 x 1 = 54.004 m²
2	1.715 x 5.275 x 2 = 18.093 m²
3	1.650 x 3.790 x 2 = 12.507 m²
4	2.125 x 2.445 x 2 = 10.391 m²
5	1.790 x 0.230 x 1 = 0.411 m²
	Total = 95.406 m²

DEDUCTION FOR PASSAGE AREA	
1	3.450 x 5.100 x 1 =17.595 m²
2	1.715 x 2.540 x 2 = 8.712 m²
3	1.420 x 1.720 x 2 = 4.884 m²
4	1.895 x 0.375 x 2 = 1.421 m²
5	1.715 x 2.275 x 2 = 7.803 m²
	Total deduction = 46.966 m²
	PASSAGE AREA=ADDITION-DEDUCTION = 48.440 m²

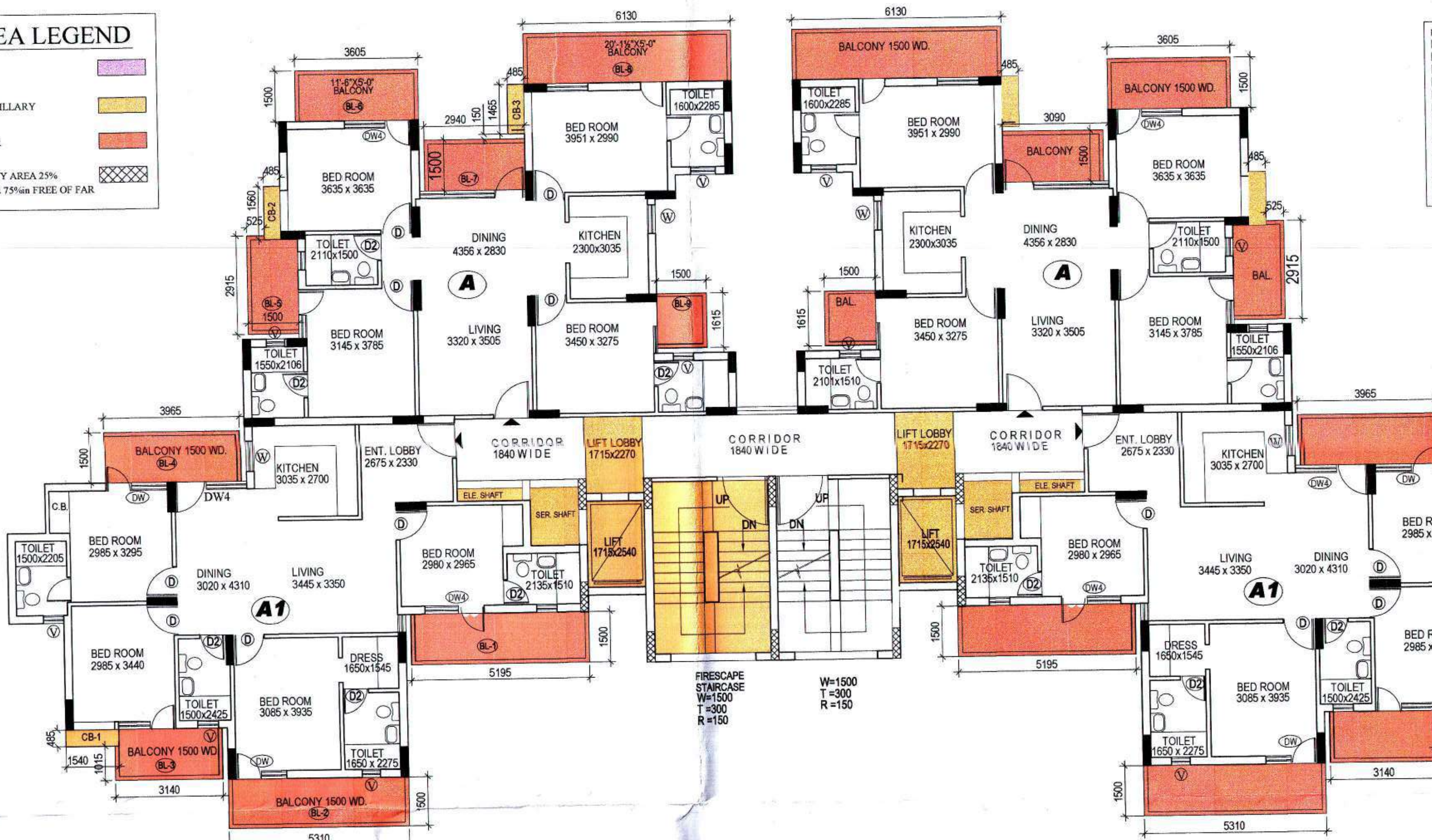
NET FAR ON GROUND FLOOR (TOWER-A3)
(FAR UNIT [Bx2+B1x2] +PASSAGE AREA)
214.570 + 226.320 + 63.703 = 504.593 m²

NET FAR ON TYPICAL FLOOR (TOWER-A3)
(FAR UNIT [Bx2+B1x2] +PASSAGE AREA)
214.570 + 226.320 + 49.775 = 490.665 m²

NET FAR ON 27th FLOOR (TOWER-A3)
(FAR UNIT [P3 x 2] +PASSAGE AREA)
284.672 + 49.775 = 334.447 m²

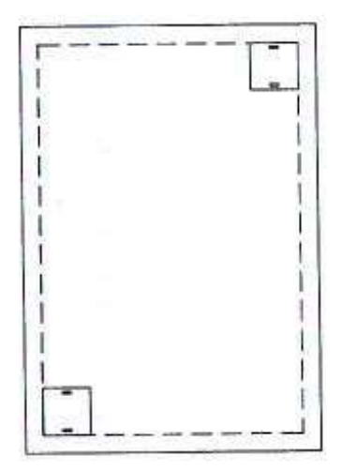
AREA LEGEND

- FAR 🟪
- 15% ANCILLARY 🟨
- NON FAR 🟥
- BALCONY AREA 25% IN FAR & 75% FREE OF FAR ▨

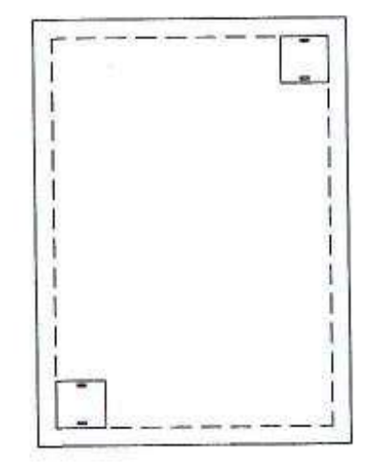

BALCONY 1500 WD.
BED ROOM 3635 x 3635
BED ROOM 3951 x 2990
DINING 4356 x 2830
KITCHEN 2300x3035
LIVING 3320 x 3505
BED ROOM 3450 x 3275
BED ROOM 3145 x 3785
BAL
A
A1
CORRIDOR 1840 WIDE
LIFT LOBBY 1715x2270
LIFT 1715x2540
SER. SHAFT
ENT. LOBBY 2675 x 2330
KITCHEN 3035 x 2700
DINING 3020 x 4310
LIVING 3445 x 3350
BED ROOM 2985 x 3295
BED ROOM 2985 x 3440
BED ROOM 2980 x 2965
BED ROOM 3085 x 3935
DRESS 1650x1545
TOILET 1500x2425
TOILET 1650 x 2275
FIRESCAPE STAIRCASE W=1500 T=300 R=150
BL-1
BL-2
BL-3
BL-4
BL-5
BL-6
BL-7
BL-8
BL-9
CB-1
3965
5195
3140
5310

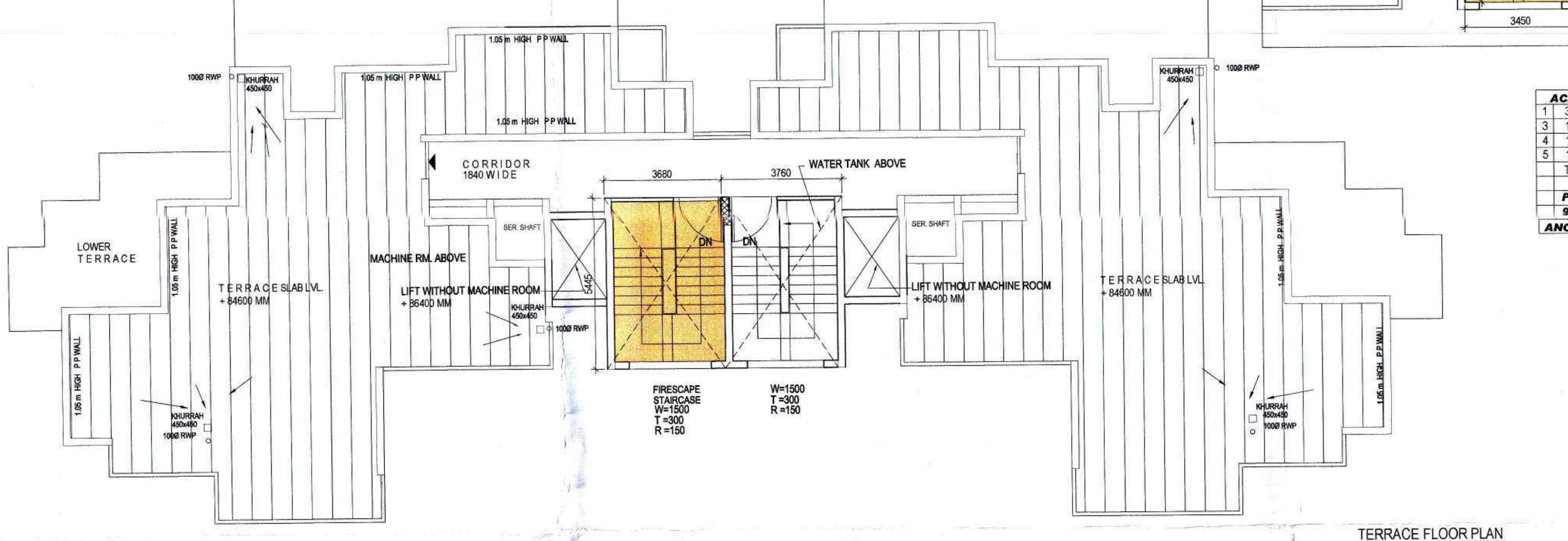
TYPICAL FLOOR PLAN
1st to 26th FLOOR PLAN
(TOWER-A3)

WATER TANK TOP PLAN-2

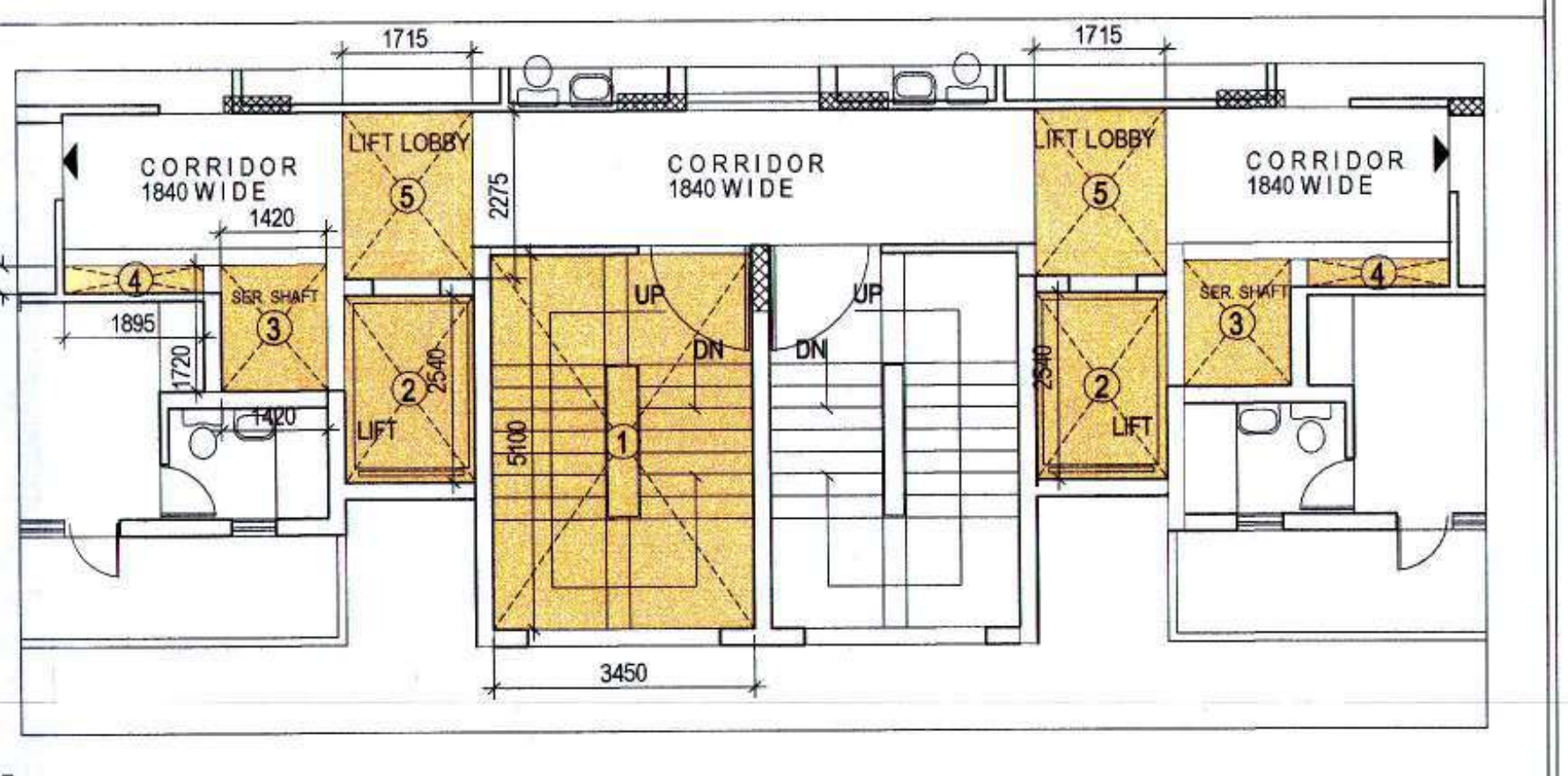


WATER TANK TOP PLAN-1




LOWER TERRACE
1.05 m HIGH P P WALL
1000 RWP
KHURRAM 400x400
CORRIDOR 1840 WIDE
WATER TANK ABOVE
MACHINE RM. ABOVE
LIFT WITHOUT MACHINE ROOM +86400 MM
TERRACE SLAB LVL. +84600 MM
SER. SHAFT
FIRESCAPE STAIRCASE W=1500 T=300 R=150
W=1500 T=300 R=150
3680
3760

TERRACE FLOOR PLAN
(TOWER-A3)


1715
CORRIDOR 1840 WIDE
LIFT LOBBY
SER. SHAFT
LIFT
UP
DN
1
2
3
4
5
2275
1895
3450

ACILLARY AREA AT GROUND FLOOR	
1	3.450 x 5.100 x 1 =17.595 m²
3	1.420 x 1.720 x 2 = 4.884 m²
4	1.895 x 0.375 x 2 = 1.421 m²
5	1.715 x 2.275 x 2 = 7.803 m²
	Total deduction = 31.703 m²
	PASSAGE AREA=ADDITION-DEDUCTION
	95.406 - 31.703 = 63.703 m²

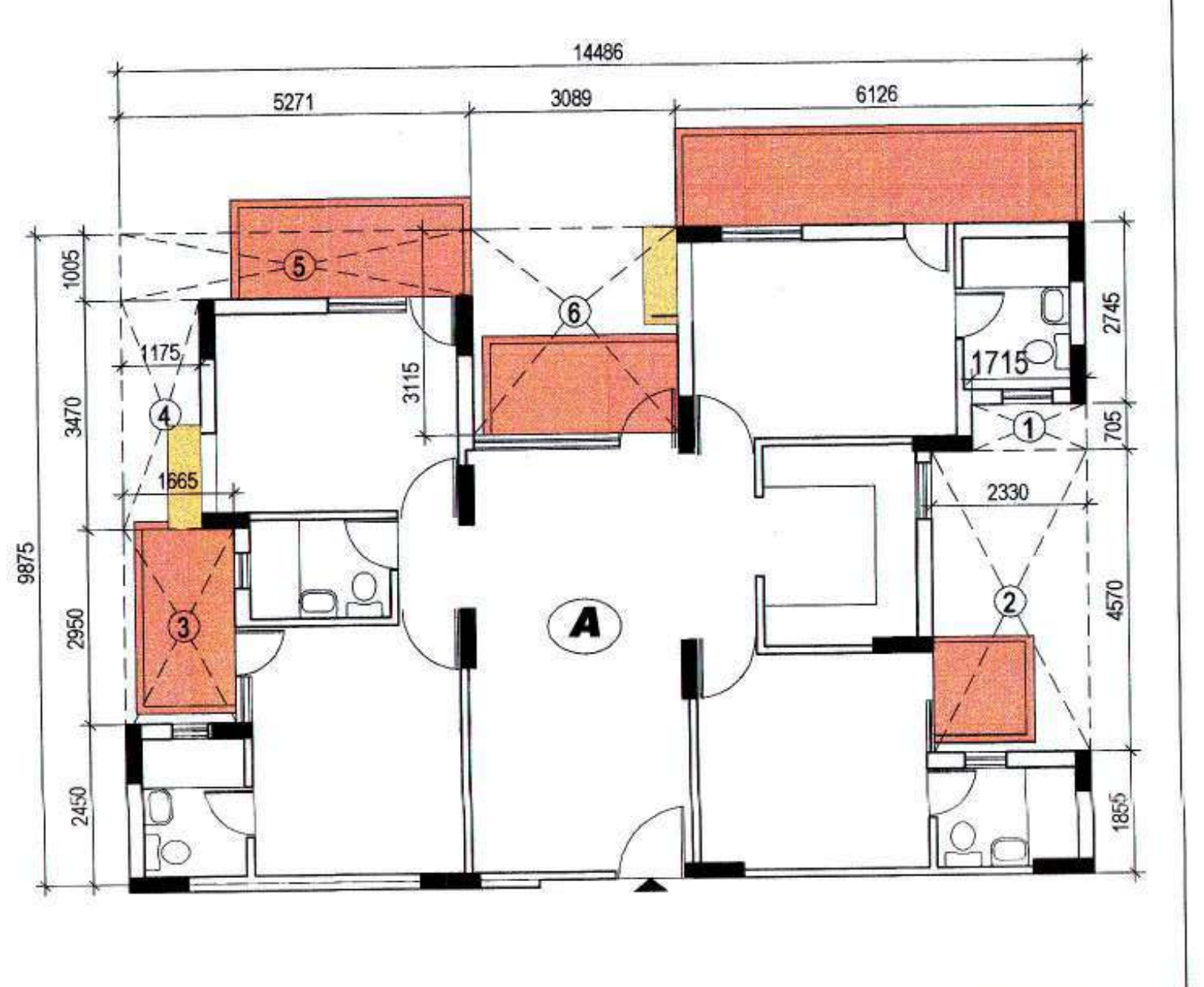
ANCILLARY AREA AT GROUND FLOOR = 31.703 m²

AREA CHART 4 BHK UNIT (TOWER-A3)					
FLOORS	TOTAL NOS OF UNITS	FAR AREA INCL BALCONY	ANCILARY FAR AREA	NON FAR BALCONY AREA	TOTAL BUILTUP AREA
GROUND FLOOR	4	504.593	40.415	0.000	545.008
1ST FLOOR	4	490.665	44.272	104.248	639.185
2nd FLOOR	4	490.665	44.272	104.248	639.185
3rd FLOOR	4	490.665	44.272	104.248	639.185
4th FLOOR	4	490.665	44.272	104.248	639.185
5th FLOOR	4	490.665	44.272	104.248	639.185
6th FLOOR	4	490.665	44.272	104.248	639.185
7th FLOOR	4	490.665	44.272	104.248	639.185
8th FLOOR	4	490.665	44.272	104.248	639.185
9th FLOOR	4	490.665	44.272	104.248	639.185
10th FLOOR	4	490.665	44.272	104.248	639.185
11th FLOOR	4	490.665	44.272	104.248	639.185
12th FLOOR	4	490.665	44.272	104.248	639.185
13th FLOOR	4	490.665	44.272	104.248	639.185
14th FLOOR	4	490.665	44.272	104.248	639.185
15th FLOOR	4	490.665	44.272	104.248	639.185
16th FLOOR	4	490.665	44.272	104.248	639.185
17th FLOOR	4	490.665	44.272	104.248	639.185
18thFLORR	4	490.665	44.272	104.248	639.185
19th FLOOR	4	490.665	44.272	104.248	639.185
20th FLOOR	4	490.665	44.272	104.248	639.185
21th FLOOR	4	490.665	44.272	104.248	639.185
22th FLOOR	4	490.665	44.272	104.248	639.185
23rd FLOOR	4	490.665	44.272	104.248	639.185
24th FLOOR	4	490.665	44.272	104.248	639.185
25th FLOOR	4	490.665	44.272	104.248	639.185
26th FLOOR	4	490.665	44.272	104.248	639.185
27 th FLOOR	2	334.447	41.338	52.268	428.053
MUMTY		0.00	40.51	0	40.510
WATER TANK		0.00	41.762		41.762
TOTAL AREA	110	13596.330	1315.10	2762.716	17674.143

Greater Noida Industrial Dev. Authority
APPROVED
BP 3...
Vide Letter No. ...07 Dated 22/7/2017
Valid upto Dated 5 year
Gen. Manager (Plng. & Arch.)
DGM (Plng.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)

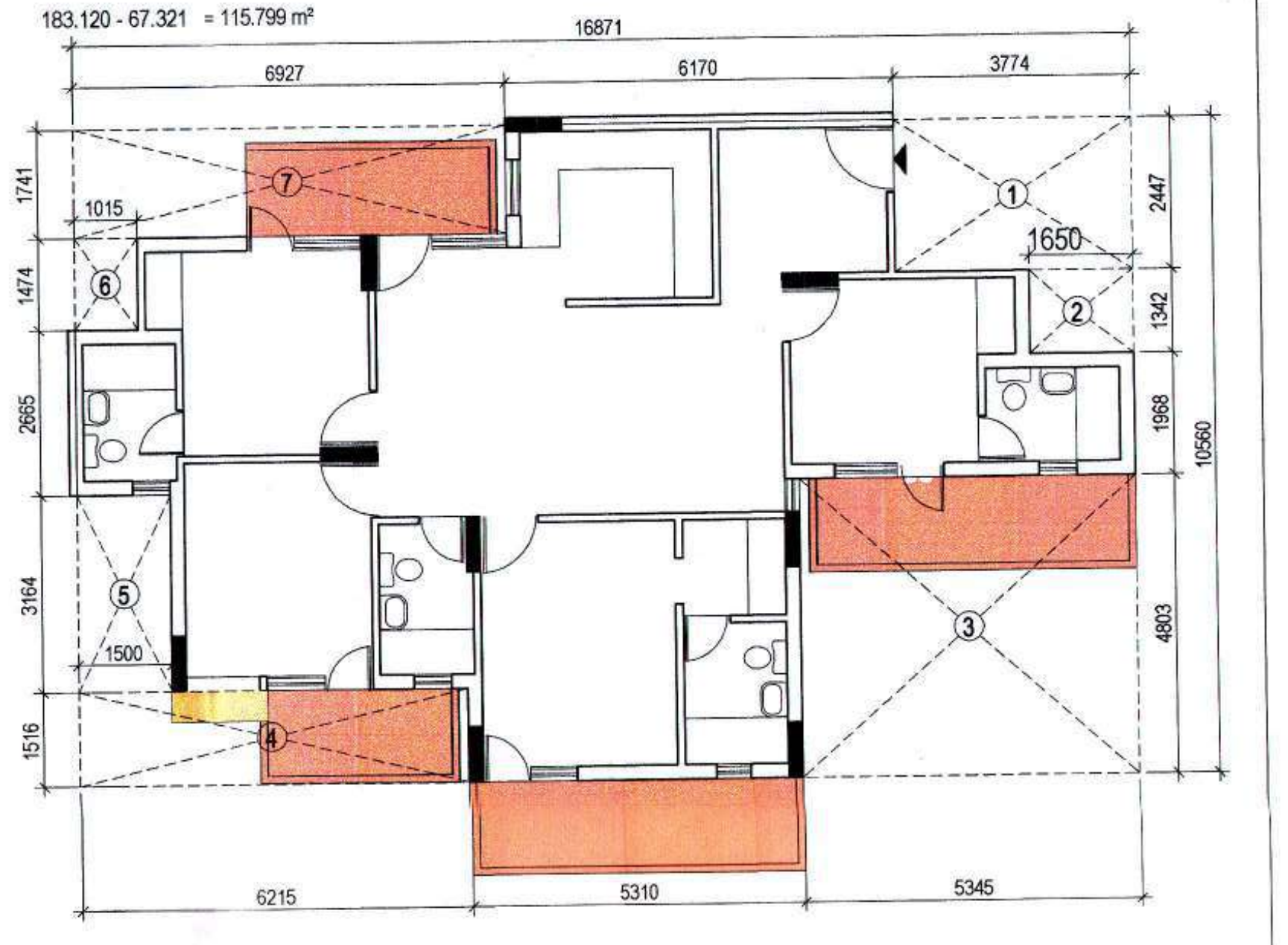
(416)

AREA OF ONE UNIT (type -A) 4BHK	
	14.486 x 9.875 = 143.049 m²
	Deductions:-
1	1.715 x 0.705 = 1.209 m²
2	2.330 x 4.570 = 10.648 m²
3	1.665 x 2.950 = 4.911 m²
4	1.175 x 3.470 = 4.077 m²
5	5.271 x 1.005 = 5.297 m²
6	3.089 x 3.115 = 9.622 m²
	Total = 35.764 m²
AREA UNDER ONE UNIT	
	143.049 - 35.764 = 107.285 m²
TOTAL FAR OF UNIT = 107.285 m²	
NOS OF UNITS = 2 nos	
TOTAL FAR OF UNIT = 214.570 m²	

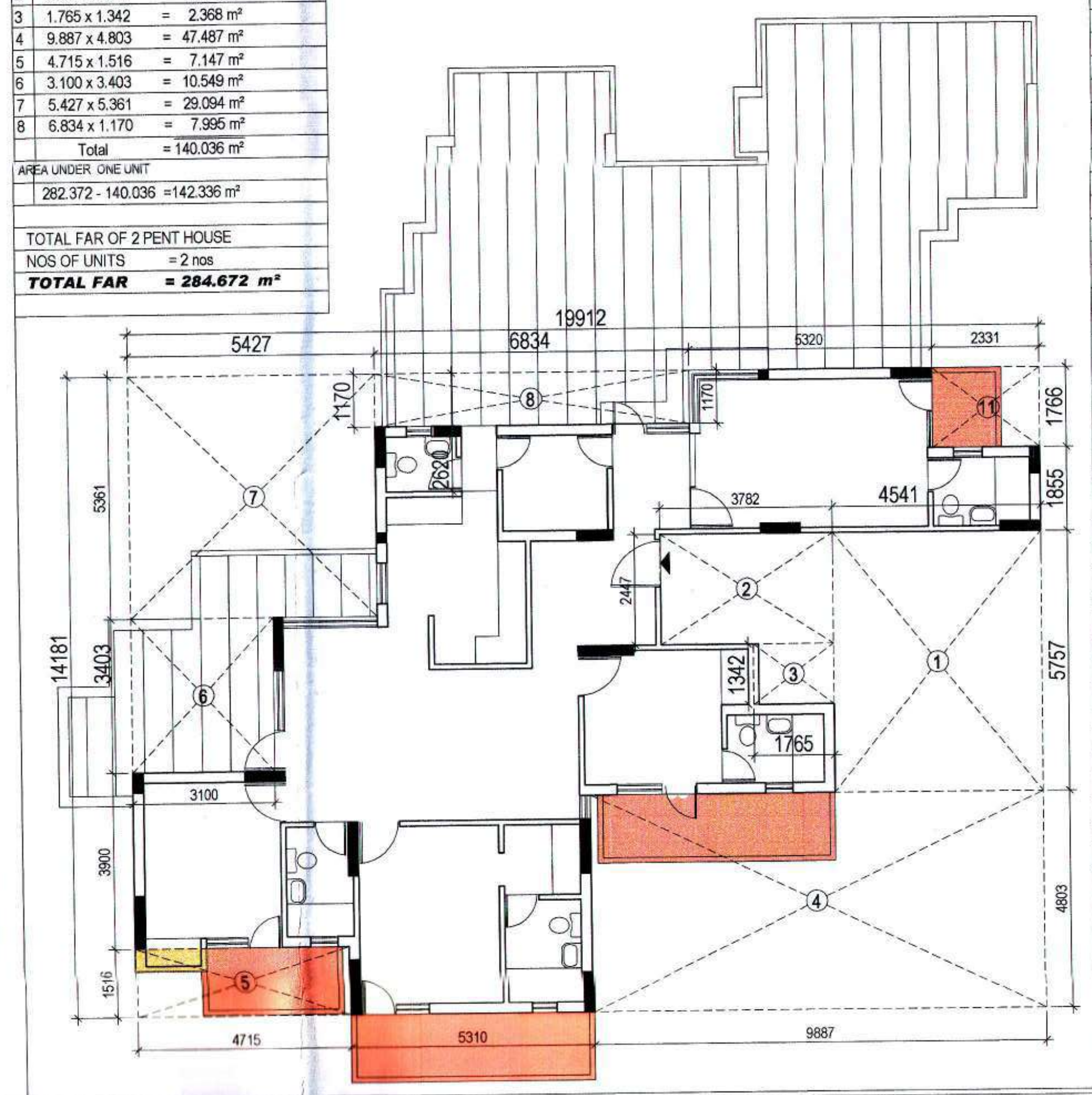

14486
5271
3089
6126
A
1
2
3
4
5
6
1715
1665
2330
4570
3470
2950
9875
1005
3115
2420

AREA OF ONE UNIT (type -A1) 4BHK	
	16.871 x 10.560 = 178.157 m²
	Deductions:-
1	3.774 x 2.447 = 9.234 m²
2	1.765 x 1.342 = 2.368 m²
3	5.345 x 4.803 = 25.672 m²
4	6.215 x 1.516 = 9.421 m²
5	1.500 x 3.164 = 4.746 m²
6	1.015 x 1.474 = 1.497 m²
7	6.927 x 1.741 = 12.059 m²
	Total = 64.997 m²
AREA UNDER ONE UNIT	
	178.157 - 64.997 = 113.160 m²
TOTAL FAR OF UNIT = 113.160 m²	
NOS OF UNITS = 2 nos	
TOTAL FAR OF UNIT = 226.320 m²	

183.120 - 67.321 = 115.799 m²

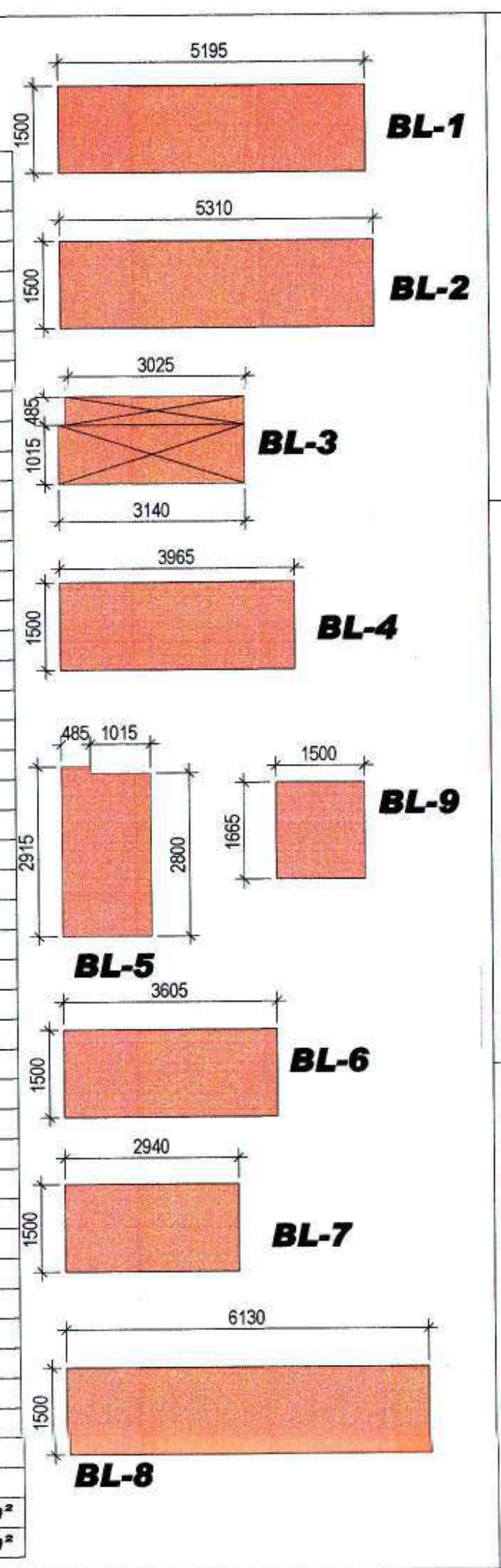

16871
6927
6170
3774
1741
1650
1015
1342
2447
3164
4803
6215
5310
5345
1
2
3
4
5
6
7

AREA OF PENT HOUSE (type -P1)	
	19.912 x14.181 = 282.372 m²
	Deductions:-
1	4.541 x 5.757 = 26.142 m²
2	3.782 x 2.447 = 9.254 m²
3	1.765 x 1.342 = 2.368 m²
4	9.887 x 4.803 = 47.487 m²
5	4.715 x 1.516 = 7.147 m²
6	3.100 x 3.403 = 10.549 m²
7	5.427 x 5.361 = 29.094 m²
8	6.834 x 1.170 = 7.995 m²
	Total = 140.036 m²
AREA UNDER ONE UNIT	
	282.372 - 140.036 =142.336 m²
TOTAL FAR OF 2 PENT HOUSE	
NOS OF UNITS = 2 nos	
TOTAL FAR = 284.672 m²	


5427
6834
19912
5320
2331
1170
4541
1766
1855
5757
14181
5361
3762
1342
1765
3100
3403
4715
5310
9887
4803
1
2
3
4
5
6
7
8

BALCONY FREE OF FAR AREA CALCULATION

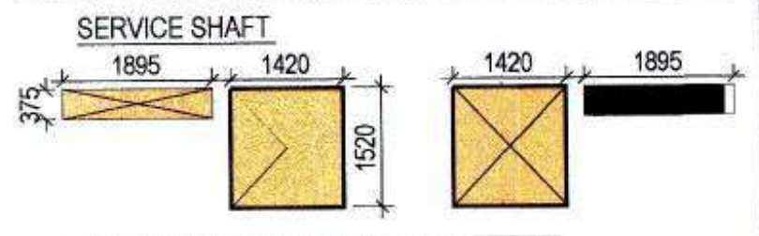
FAR AREA IN BALCONY (BL1)	
BALCONY BL-1	
1. 5.195 x 1.500 = 7.792 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-1 TYPICAL FLOOR	= 15.585 m²
BALCONY BL-2	
1. 5.310 x 1.500 = 7.965 m²	
NOS OF BALCONY ON TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-2 ON TYPICAL FLOOR	= 15.930m²
BALCONY BL-3	
1. 3.025x0.485+3.140x1.015 = 4.654 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-3 ON TYPICAL FLOOR	= 9.308 m²
BALCONY BL-4	
1. 3.965 x 1.500 = 5.947 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-4 ON TYPICAL FLOOR	= 11.895 m²
BALCONY BL- 5	
1. 0.485x2.915+1.015x2.800 = 4.255 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-5 ON TYPICAL FLOOR	= 8.510 m²
BALCONY BL- 6	
1. 3.605 x 1.500 = 5.407 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-6 ON TYPICAL FLOOR	= 10.815 m²
BALCONY BL- 7	
1. 2.940 x 1.500 = 4.410 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-7 ON TYPICAL FLOOR	= 8.820 m²
BALCONY BL- 8	
1. 6.130 x 1.500 = 9.195 m²	
NOS OF BALCONY ON TYPICAL FLOOR = 2	
NET AREA OF BALCONY BL-8 ON TYPICAL FLOOR	= 18.390 m²
BALCONY BL- 9	
1. 1.500 x 1.615 = 2.242 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-9 ON TYPICAL FLOOR	= 4.995
NET AREA OF BAL. ON TYP. FLOOR	**=104.248 m²**
NET FREE OF FAR BAL. ON TYP. FLOOR	**=104.248 m²**


BL-1
5195
1500
BL-2
5310
1500
BL-3
3025
485
1015
3140
BL-4
3965
1500
BL-9
1500
1665
BL-5
485
1015
2915
2800
BL-6
3605
1500
BL-7
2940
1500
BL-8
6130
1500

ANCILLARY 15% FAR CALCULATIONS

NET ANCILARY FAR ON TYPICAL FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT SHAFT)
5.736+4.427+7.802+17.595+8.712 =44.272 m²

SERVICE SHAFT

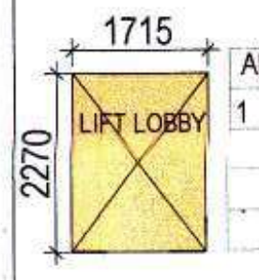

1895
1420
375
1520
1420
1895

AREA UNDER SERVICE SHAFT		
1	1.895 x 0.375 x 1	= 0.710 m²
2	1.420 x 1.520 x 1	= 2.158 m²
	Total shaft area	= 2.868 m²
	NOS OF SHAFTS 2 nos	
	NET AREA OF SHAFTS = 5.736	

ANCILLARY 15% FAR CALCULATIONS

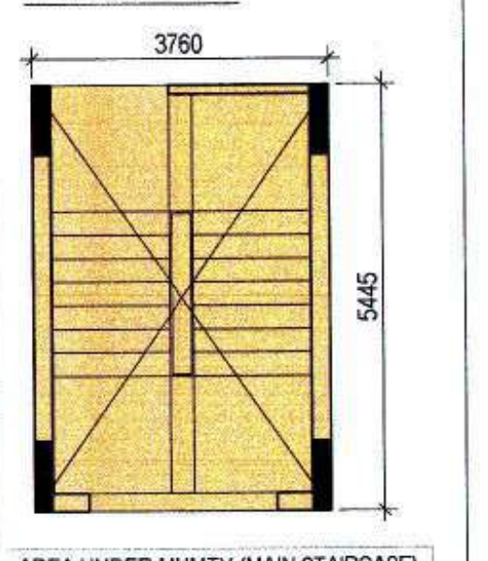
NET ANCILARY FAR ON 27th FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT SHAFT)
5.736+1.493+7.802+17.595+8.712 =41.338m²

AREA CALCULATION - LIFT LOBBY


1715
2270
LIFT LOBBY

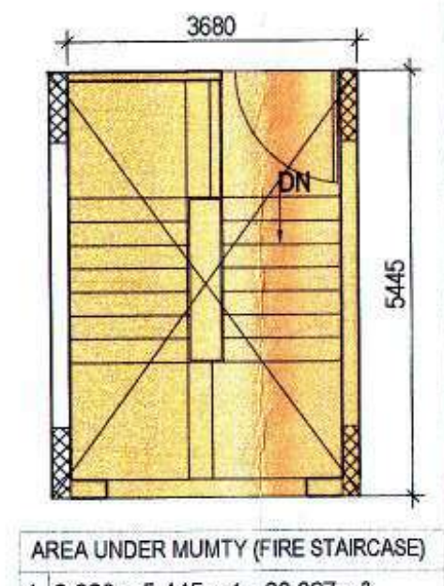
AREA UNDER LIFT LOBBY	
1	1.715 x 2.270 x 1 = 3.893 m²
	Total lift area = 3.893 m²
	2nos lift lobby area = 7.786 m²

AREA CALCULATION - MUMTY MAIN STAICASE



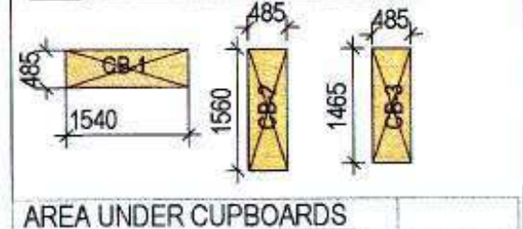
AREA UNDER MUMTY (MAIN STAIRCASE)	
1	3.760 x 5.445 x 1 =20.473 m²
	Total mumty area=20.473 m²

AREA CALCULATION - MUMTY FIRESCAPE STAICASE


3680
DN
5445

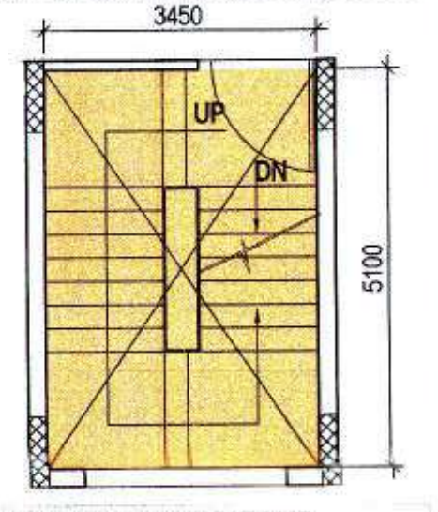
AREA UNDER MUMTY (FIRE STAIRCASE)	
1	3.680 x 5.445 x 1 =20.037 m²
	Total mumty area=20.037 m²

AREA CALCULATION -CUPBOARDS


485
CB-1
1540
485
1560
CB-2
485
1465
CB-3

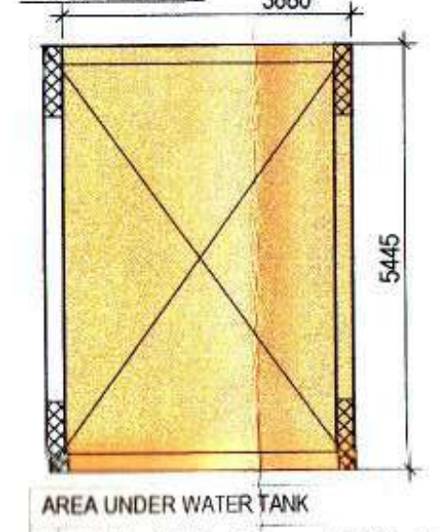
AREA UNDER CUPBOARDS		
CB-1	1.540 x 0.485 = 0.746 m²	
	NOS OF CUPBOARDS 2 nos	
	NET AREA OF CUPBOARDS	= 1.493 m²
CB-2	0.485 x 1.560 = 0.756 m²	
	NOS OF CUPBOARDS 2 nos	
	NET AREA OF CUPBOARDS	= 1.513 m²
CB-3	0.485 x 1.465 = 0.754 m²	
	NOS OF CUPBOARDS 2 nos	
	NET AREA OF CUPBOARDS	= 1.421 m²
	NET AREA OF CB	= 4.427 m²

AREA UNDER FIRE STAIRCASE


3450
UP
DN
5100

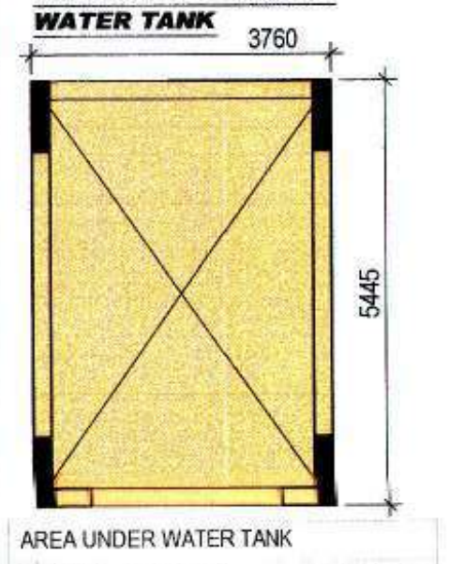
AREA UNDER FIRESTAIRCASE	
1	3.450 x 5.100 x 1 =17.595 m²
	Total fire staircase area =17.595 m²

AREA CALCULATION - WATER TANK



AREA UNDER WATER TANK	
1	3.910 x 5.445 x 1 =20.037 m²
	Total under water tank =20.037 m²

AREA CALCULATION - WATER TANK



AREA UNDER WATER TANK	
1	3.760 x 5.445 x 1 =20.473 m²
	Total under water tank =20.473 m²

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

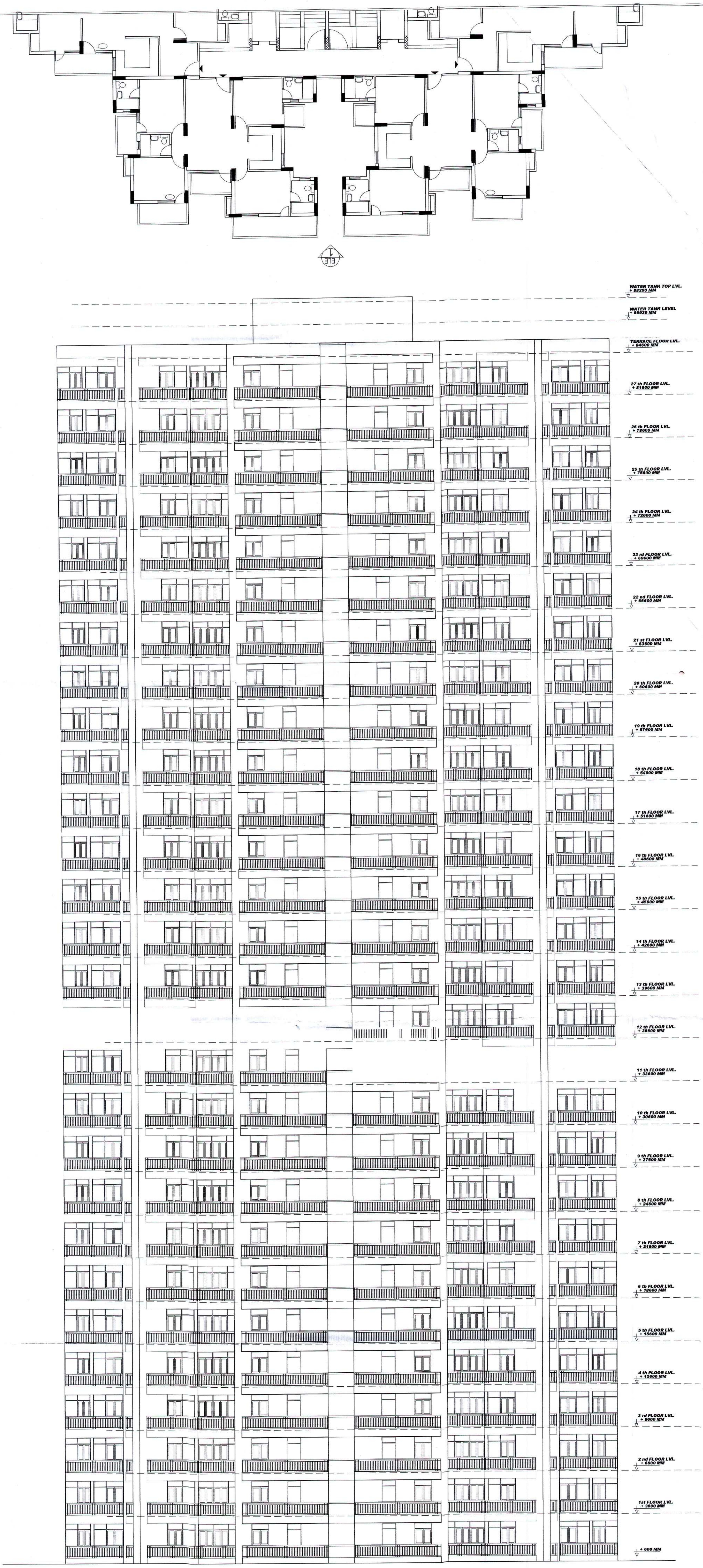
architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

CLIENT'S

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766
ARCHITECT'S

scale 1:100
drg. no. SB-13

drawing title
GROUND & TYPICAL FLOOR PLAN
AREA CALCULATION (TOWER-A3)


ELE 1
WATER TANK TOP LVL. + 88200 MM
WATER TANK LEVEL + 86930 MM
TERRACE FLOOR LVL. + 84600 MM
27 th FLOOR LVL. + 81600 MM
26 th FLOOR LVL. + 78600 MM
25 th FLOOR LVL. + 75600 MM
24 th FLOOR LVL. + 72600 MM
23 rd FLOOR LVL. + 69600 MM
22 nd FLOOR LVL. + 66600 MM
21 st FLOOR LVL. + 63600 MM
20 th FLOOR LVL. + 60600 MM
19 th FLOOR LVL. + 57600 MM
18 th FLOOR LVL. + 54600 MM
17 th FLOOR LVL. + 51600 MM
16 th FLOOR LVL. + 48600 MM
15 th FLOOR LVL. + 45600 MM
14 th FLOOR LVL. + 42600 MM
13 th FLOOR LVL. + 39600 MM
12 th FLOOR LVL. + 36600 MM
11 th FLOOR LVL. + 33600 MM
10 th FLOOR LVL. + 30600 MM
9 th FLOOR LVL. + 27600 MM
8 th FLOOR LVL. + 24600 MM
7 th FLOOR LVL. + 21600 MM
6 th FLOOR LVL. + 18600 MM
5 th FLOOR LVL. + 15600 MM
4 th FLOOR LVL. + 12600 MM
3 rd FLOOR LVL. + 9600 MM
2 nd FLOOR LVL. + 6600 MM
1st FLOOR LVL. + 3600 MM
+ 600 MM

ELEVATION AT -4 (TOWER-A3)

(415)

Greater Noida Industrial Dev. Authority
APPROVED
BP. 34856
Vide Letter No. 207 Dated 22/2/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

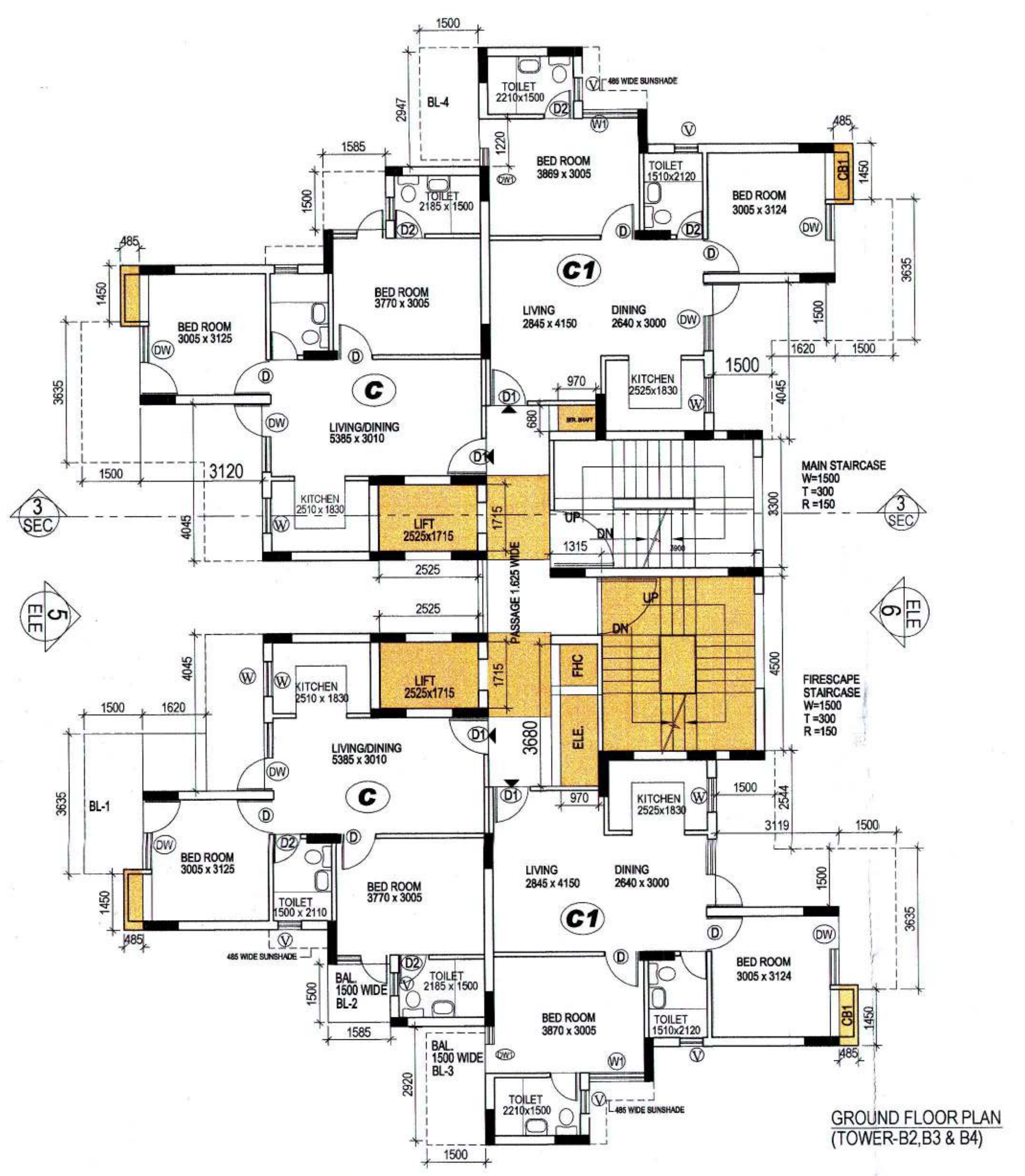
For VARDHMAN REALTECH PVT. LTD.
Director
CLIENT'S

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766
ARCHITECT'S

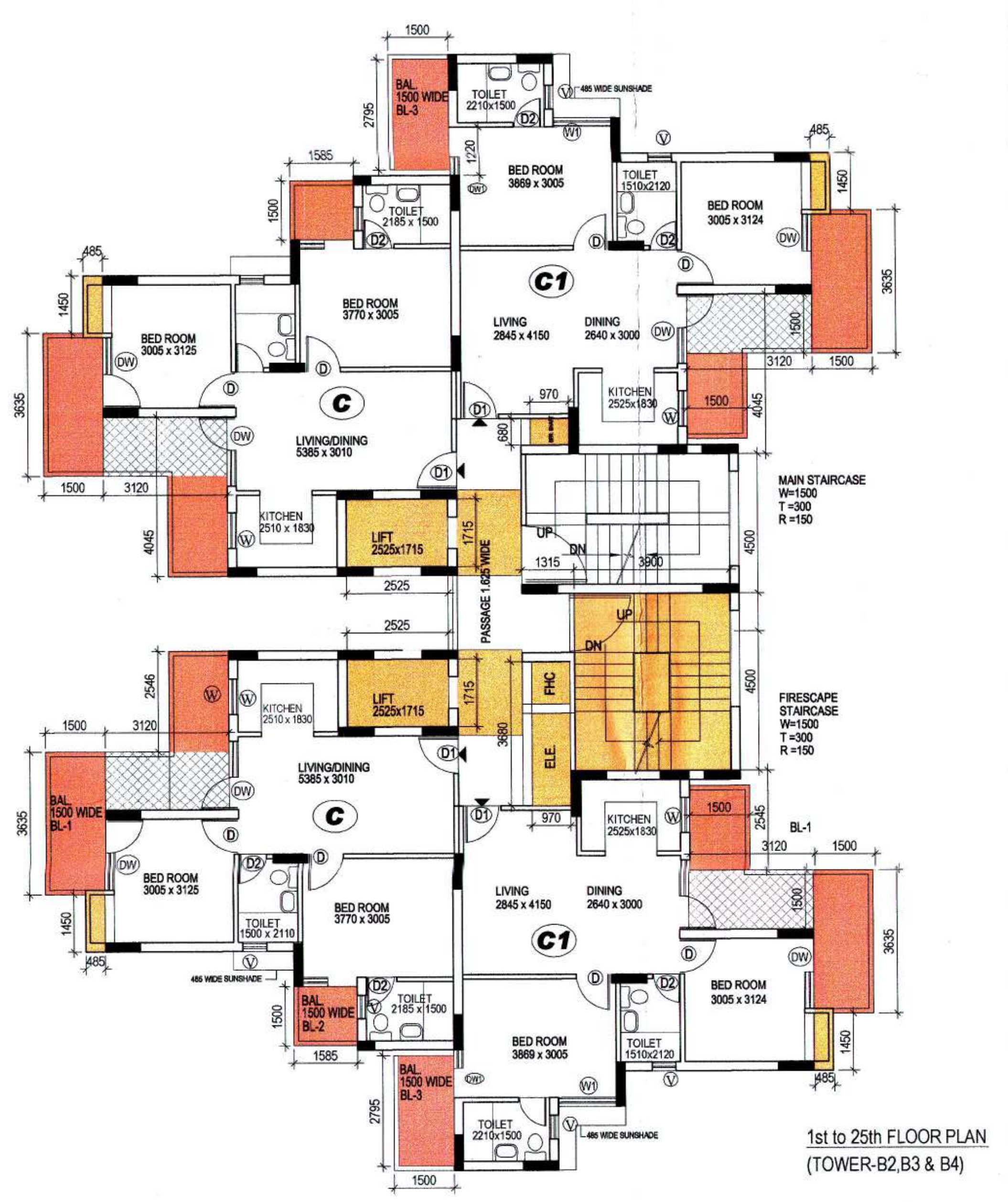
scale 1:100
drg. no. SB-14

drawing title
ELEVATION AT -4
(TOWER-A3)

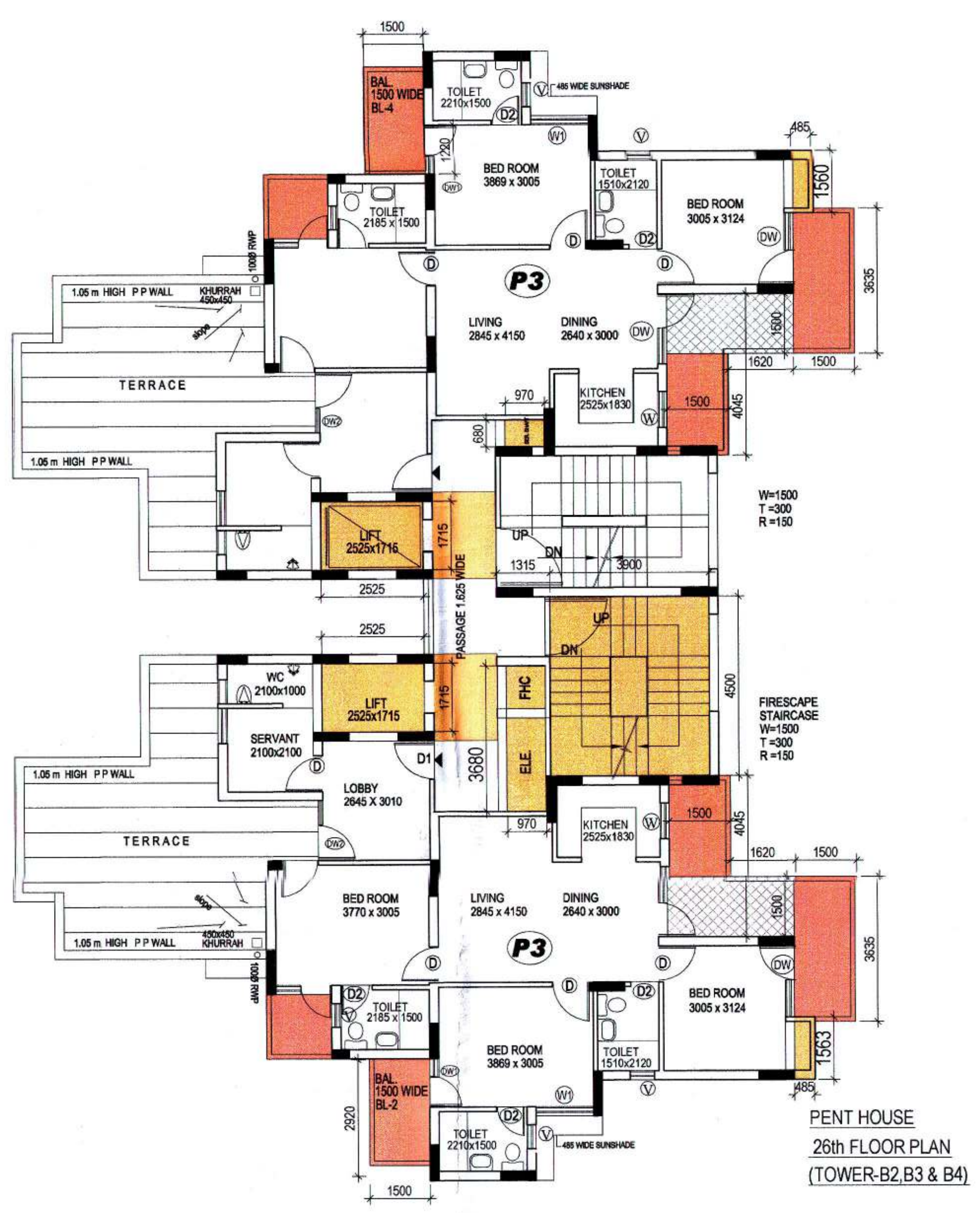
414



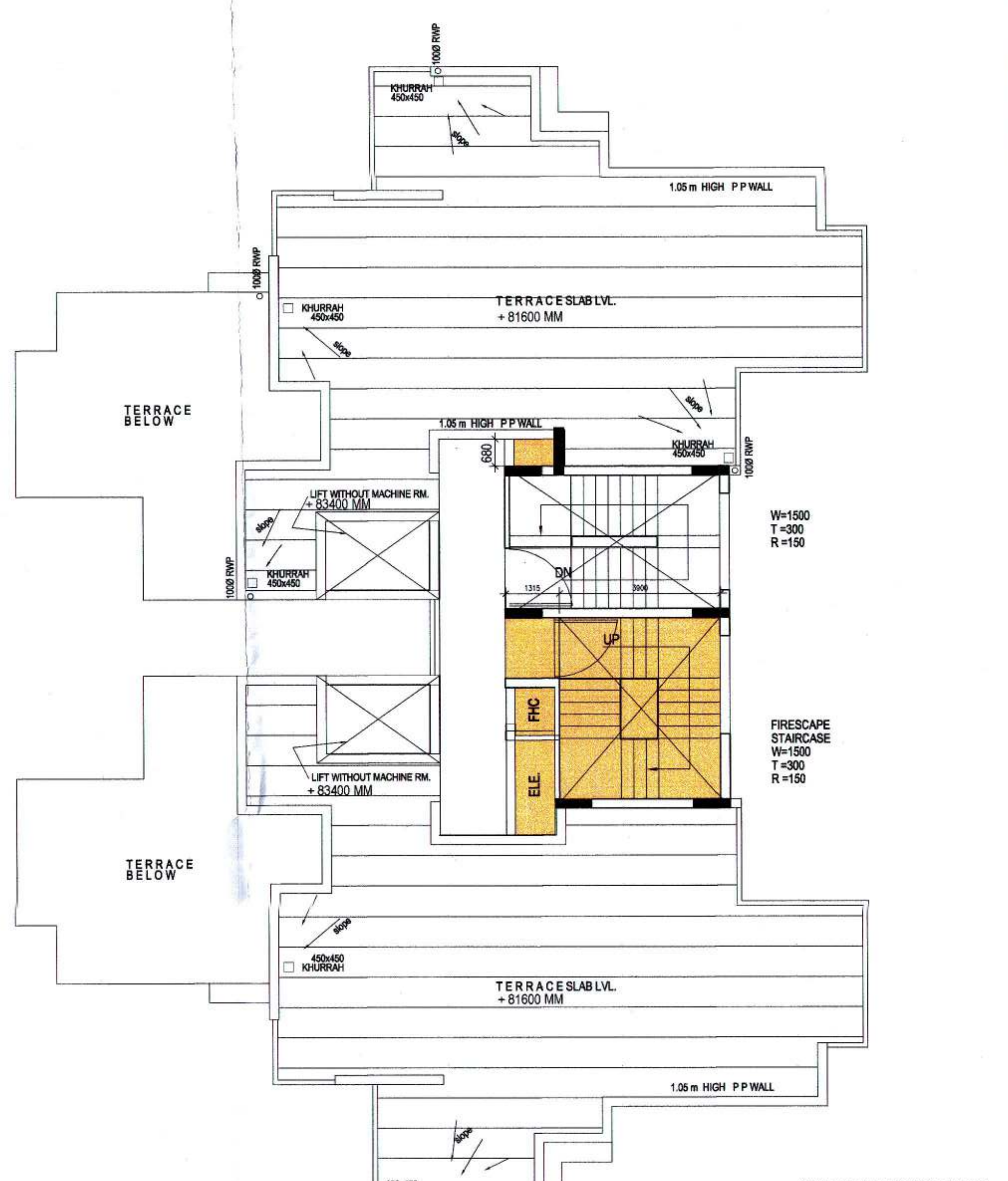
GROUND FLOOR PLAN
(TOWER-B2,B3 & B4)



1st to 25th FLOOR PLAN
(TOWER-B2,B3 & B4)

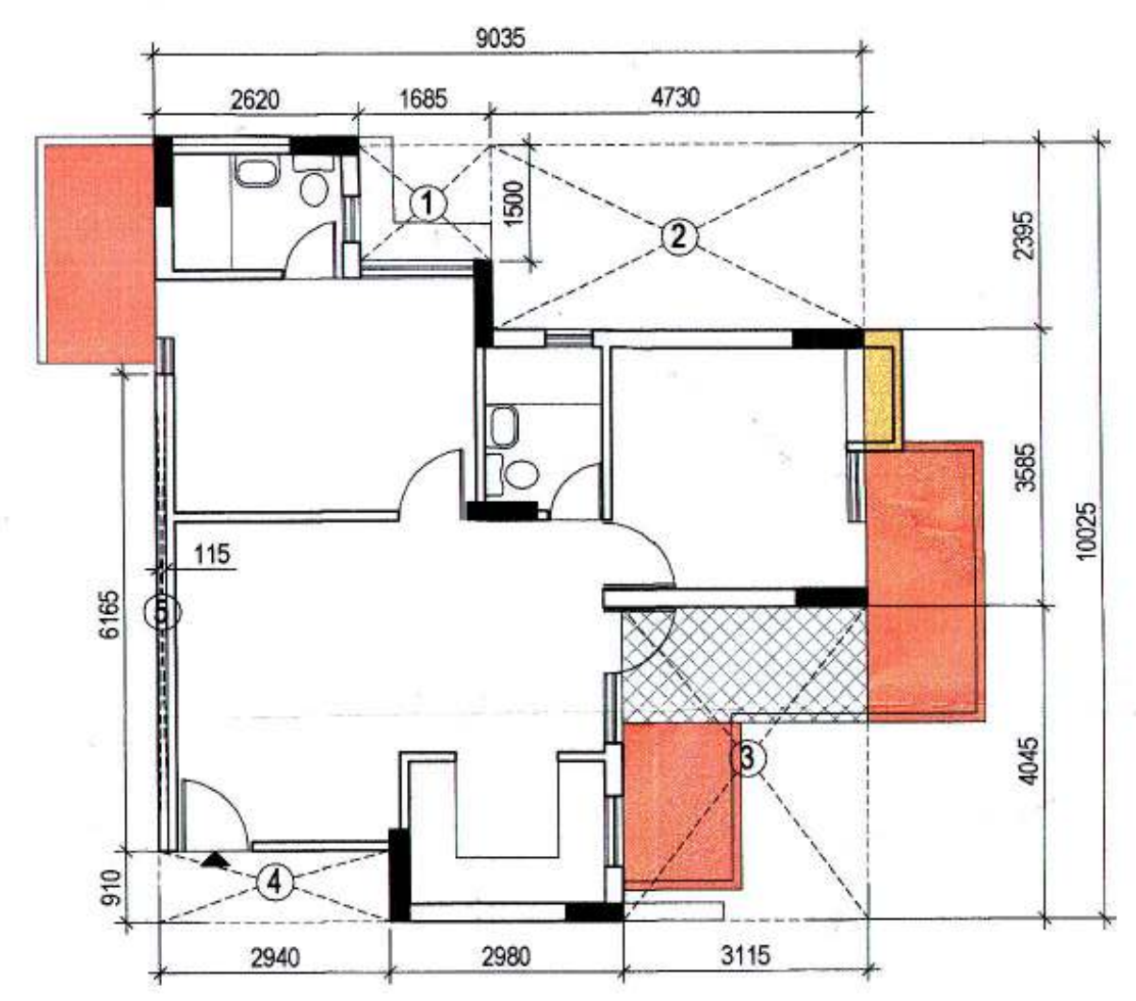


PENT HOUSE
26th FLOOR PLAN
(TOWER-B2,B3 & B4)

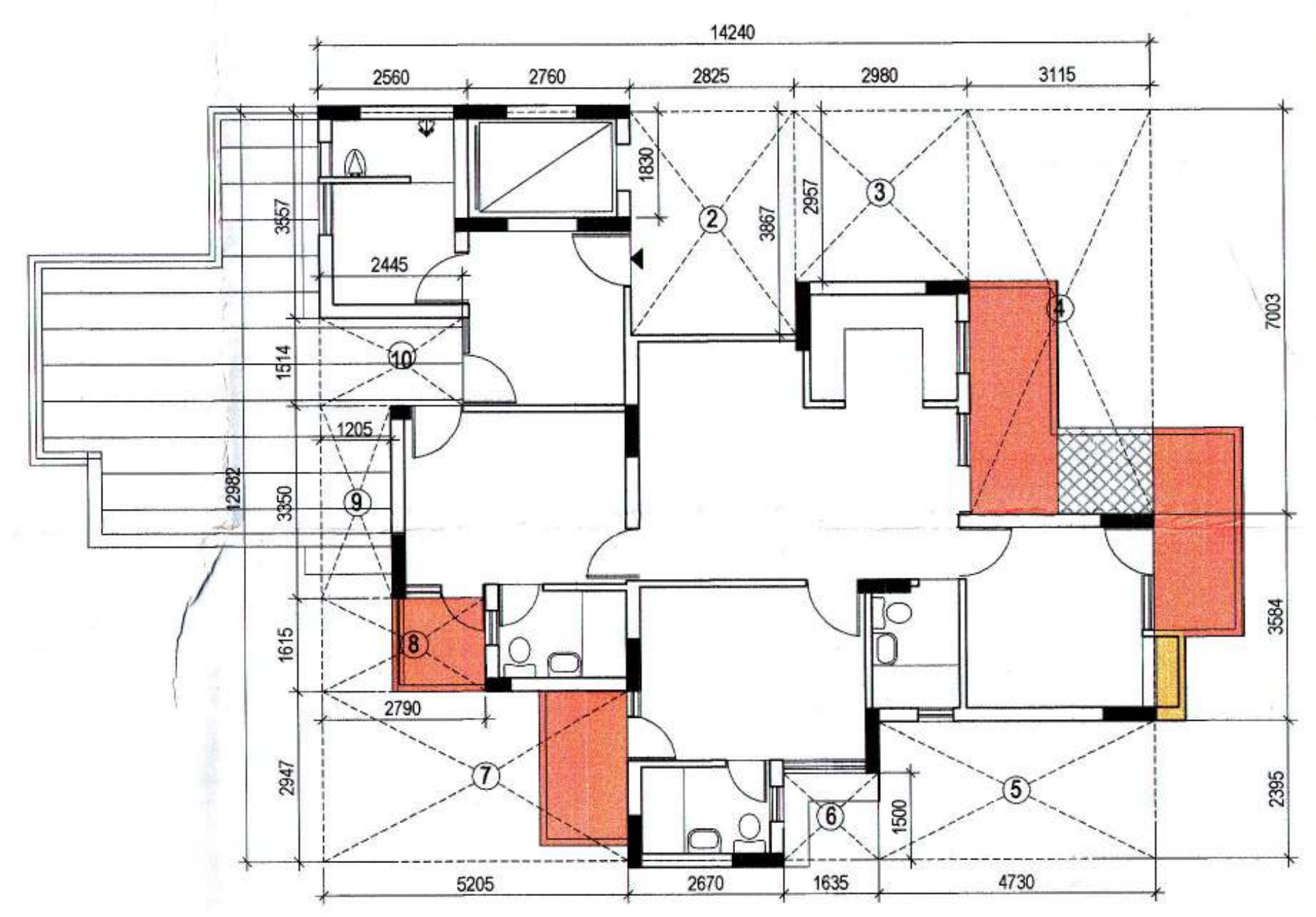


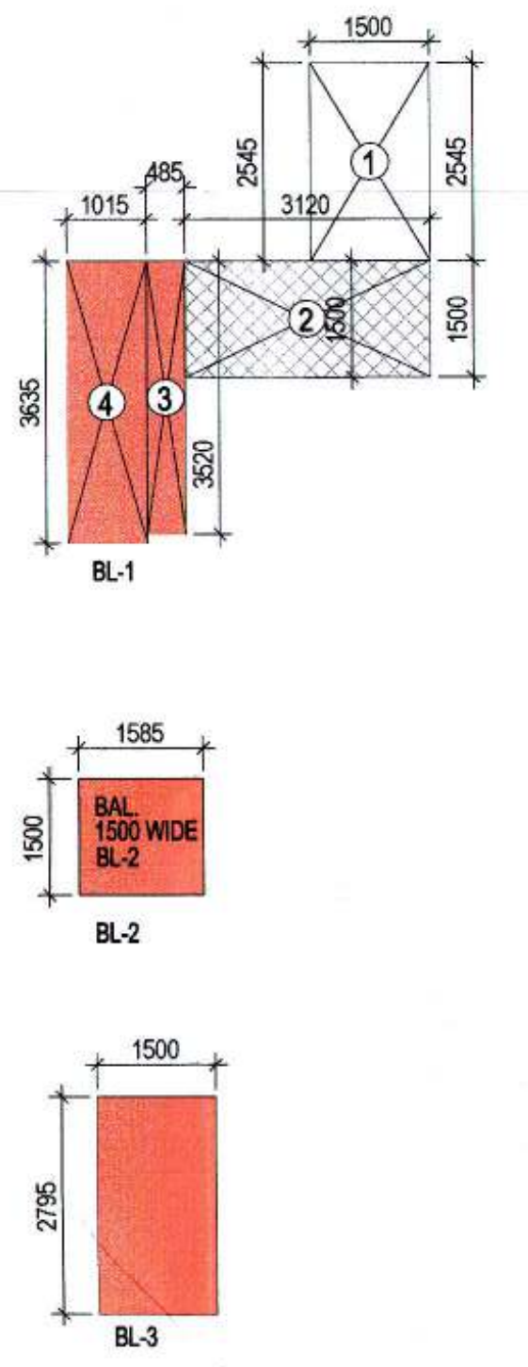
TERRACE FLOOR PLAN
(TOWER-B2,B3 & B4)

AREA OF ONE UNIT (type -C1)	
9.035 x 10.025	= 90.575 m²
Deductions:-	
1 1.685 x 1.500	= 2.527 m²
2 4.730 x 2.395	= 11.328 m²
3 3.115 x 4.050	= 12.615 m²
4 2.940 x 0.910	= 2.675 m²
5 0.115 x 6.145	= 0.706 m²
Total	= 29.851 m²
AREA UNDER ONE UNIT	
90.575 - 29.851	=60.724 m²
ADD. BALCONY 25%	= 1.170 m²
TOTAL FAR OF UNIT	=61.894 m²
NOS OF UNITS	= 2 nos
TOTAL FAR OF UNIT= 123.788 m²	



AREA OF ONE PENT HOUSE (type -P3)	
14.240 x12.982	= 184.863 m²
Deductions:-	
1 2.760 x 1.830	= 5.050 m²
2 2.825 x 3.867	= 10.924 m²
3 3.005 x 2.957	= 8.885 m²
4 3.120 x 7.003	= 21.849 m²
5 4.725 x 2.395	= 11.316 m²
6 1.660 x 1.500	= 2.490 m²
7 5.205 x 2.947	= 15.339 m²
8 2.790 x 1.615	= 4.505 m²
9 1.205 x 3.350	= 4.036 m²
10 1.514 x 1.735	= 2.626 m²
Total	= 87.020 m²
AREA UNDER ONE PENT HOUSE	
184.863 - 87.020	**= 97.843 m²**
AREA UNDER 2 PENT HOUSE =195.686 m²	





BALCONY FREE OF FAR AREA CALCULATION

FAR AREA IN BALCONY (BL1)	
2. 3.120 x 1.500 = 4.680 m²	
25% AREA COUNTED IN FAR	
AREA TO BE COUNTED IN FAR = 1.170 m²	
NOS OF BALCONY TYPICAL FLOOR = 4	
NET FAR IN BALCONY (BL-1)	= 4.680 m²
FREE OF FAR AREA	
1. 1.500 x 2.545 = 3.817 m²	
2. 75 % = 3.510 m²	
3. 0.485 x 3.520 = 1.707 m²	
4. 1.015 x 3.635 = 3.689 m²	
TOTAL =12.723 m²	
NOS OF BALCONY TYPICAL FLOOR = 4	
NET AREA BALCONY BL1 TYPICAL FLOOR	= 50.892 m²
BALCONY BL-2	
1. 1.585 x 1.500 = 2.377 m²	
NOS OF BALCONY TYPICAL FLOOR = 4	
NET AREA BALCONY BL-2 TYPICAL FLOOR	= 4.755 m²
BALCONY BL-3	
1. 1.500 x 2.795 = 4.192 m²	
NOS OF BALCONY TYPICAL FLOOR = 4	
NET AREA BALCONY BL-3 TYPICAL FLOOR	= 16.770 m²
NET AREA BAL ON TYP. FLOOR	***= 77.097 m²***
NET FREE OF FAR BAL ON TYP. FLOOR	***= 72.417 m²***

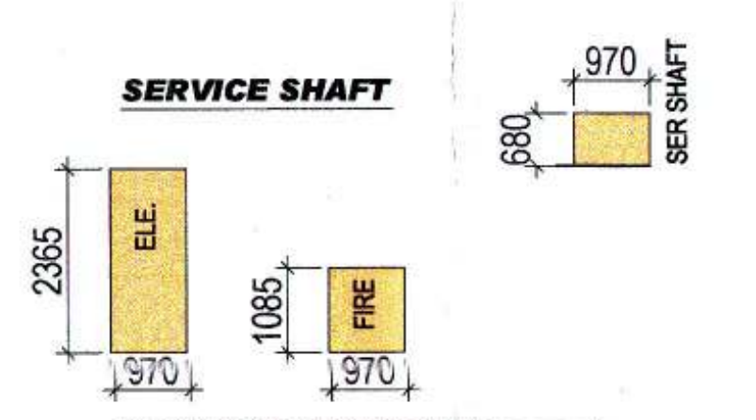
ANCILLARY 15% FAR CALCULATIONS

NET ANCILARY FAR ON TYPICAL FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT WELL)
(4.005+3.036+7.068+17.555+8.660) =40.324 m²

ANCILLARY 15% FAR CALCULATIONS

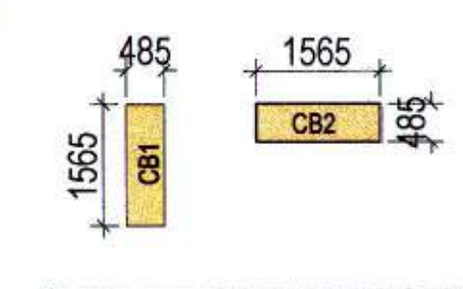
NET ANCILARY FAR ON 26 TH FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT WELL)
(4.005+1.513+7.068+17.555+8.660) =38.801 m²

SERVICE SHAFT



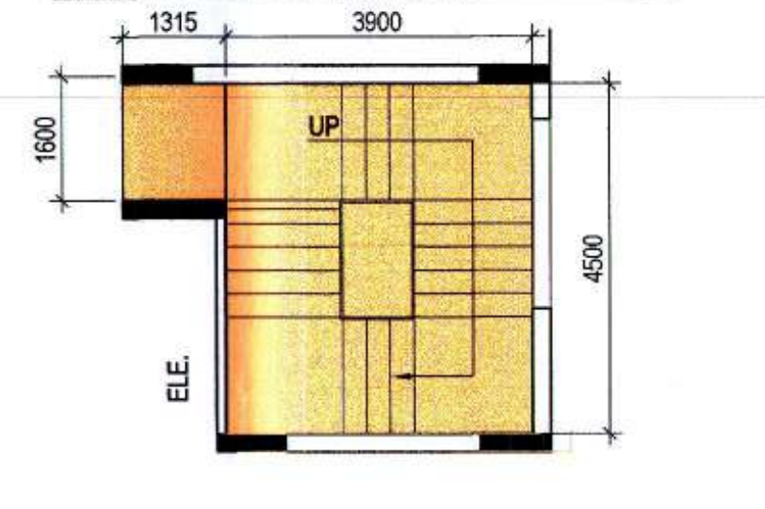
AREA UNDER SERVICE SHAFT	
1	0.970 x 2.365 x 1 = 2.294 m²
2	0.970 x 1.085 x 1 = 1.052 m²
2	0.970 x 0.680 x 1 = 0.659 m²
	Total shaft area = 4.005 m²

AREA UNDER CUP BOARD



AREA UNDER CUPBOARDS	
1	0.485 x 1.565 x 4 = 3.036 m²
	Total cupboard area = 3.036 m²

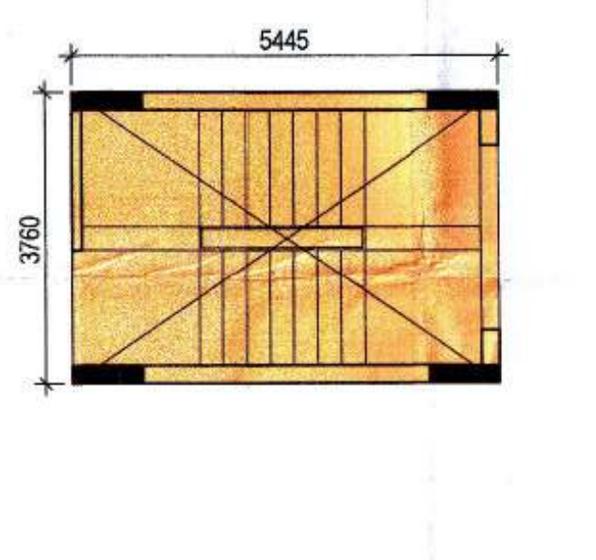
AREA UNDER FIRESCAPE STAIRCASE



AREA UNDER FIRESCAPE STAIRCASE		
1	3.900 x 4.500 x 1	=17.550 m²
2	1.315 x1.500 x 1	= 1.972 m²
	Total firescape staircase area	=19.522 m²

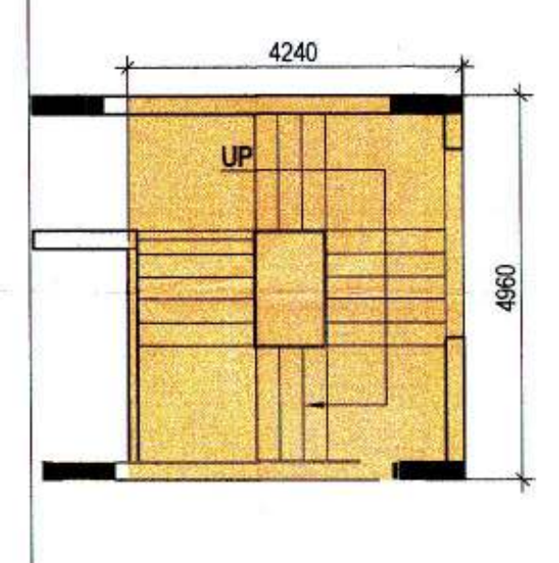
AREA CHART 3 BHK UNIT (TOWER-B2,B3 & B4)					
FLOORS	TOTAL NO. OF UNIT	FAR AREA INCL BALCONY	ANCILARY FAR AREA	NON FAR BALCONY AREA	TOTAL BUILTUP AREA
GROUND FLOOR	4	269.846	31.62	0.000	301.466
1ST FLOOR	4	276.721	40.324	72.417	389.462
2nd FLOOR	4	276.721	40.324	72.417	389.462
3rd FLOOR	4	276.721	40.324	72.417	389.462
4th FLOOR	4	276.721	40.324	72.417	389.462
5th FLOOR	4	276.721	40.324	72.417	389.462
6th FLOOR	4	276.721	40.324	72.417	389.462
7th FLOOR	4	276.721	40.324	72.417	389.462
8th FLOOR	4	276.721	40.324	72.417	389.462
9th FLOOR	4	276.721	40.324	72.417	389.462
10th FLOOR	4	276.721	40.324	72.417	389.462
11th FLOOR	4	276.721	40.324	72.417	389.462
12th FLOOR	4	276.721	40.324	72.417	389.462
13th FLOOR	4	276.721	40.324	72.417	389.462
14th FLOOR	4	276.721	40.324	72.417	389.462
15th FLOOR	4	276.721	40.324	72.417	389.462
16th FLOOR	4	276.721	40.324	72.417	389.462
17th FLOOR	4	276.721	40.324	72.417	389.462
18thFLORR	4	276.721	40.324	72.417	389.462
19th FLOOR	4	276.721	40.324	72.417	389.462
20th FLOOR	4	276.721	40.324	72.417	389.462
21th FLOOR	4	276.721	40.324	72.417	389.462
20th FLOOR	4	276.721	40.324	72.417	389.462
23rd FLOOR	4	276.721	40.324	72.417	389.462
24th FLOOR	4	276.721	40.324	72.417	389.462
25th FLOOR	4	276.721	40.324	72.417	389.462
26th FLOOR	2	231.549	38.805	38.584	308.938
MUMTY	0	0.00	43.835	43.835	87.67
WATER TANK	0	0.00	27.575		27.58
TOTAL AREA	106	7419.42	1149.935	1892.844	10462.20

AREA CALCULATION - MUMTY MAIN STAICASE



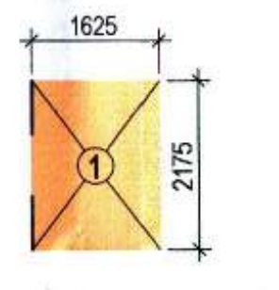
AREA UNDER MUMTY (MAIN STAIRCASE)	
1	5.445 x 3.760 x 1 =20.473 m²
	Total mumty area =20.473 m²

AREA CALCULATION - MUMTY FIRESCAPE STAICASE



AREA UNDER MUMTY (FIRESCAPE STAIRCASE)	
1	4.240 x 4.960 x 1 =21.030 m²
	Total mumty area =21.030 m²

AREA CALCULATION - LIFT LOBBY



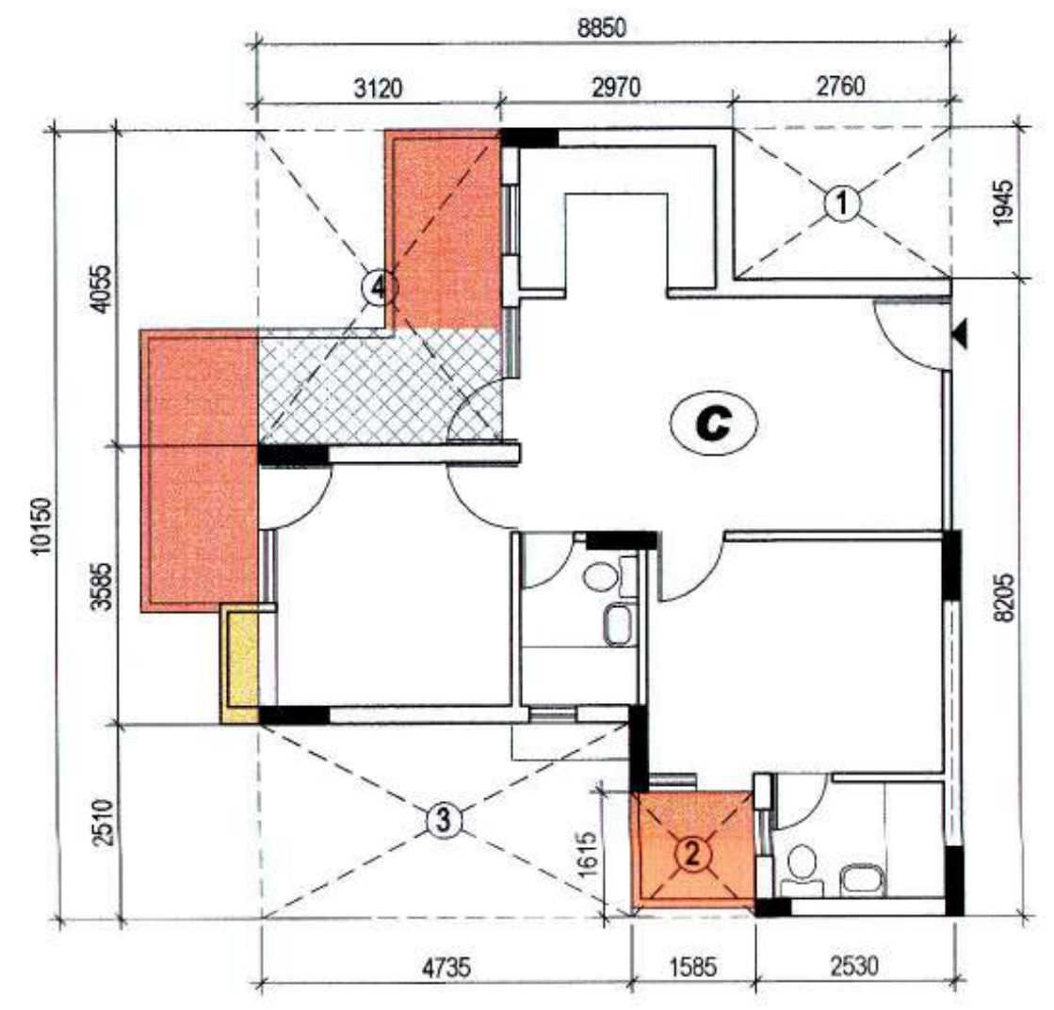
AREA UNDER LIFT LOBBY	
1	1.625 x 2.175 x 1 = 3.534 m²
	Total lift area = 3.534 m²
	2nos lift lobby area = 7.068 m²

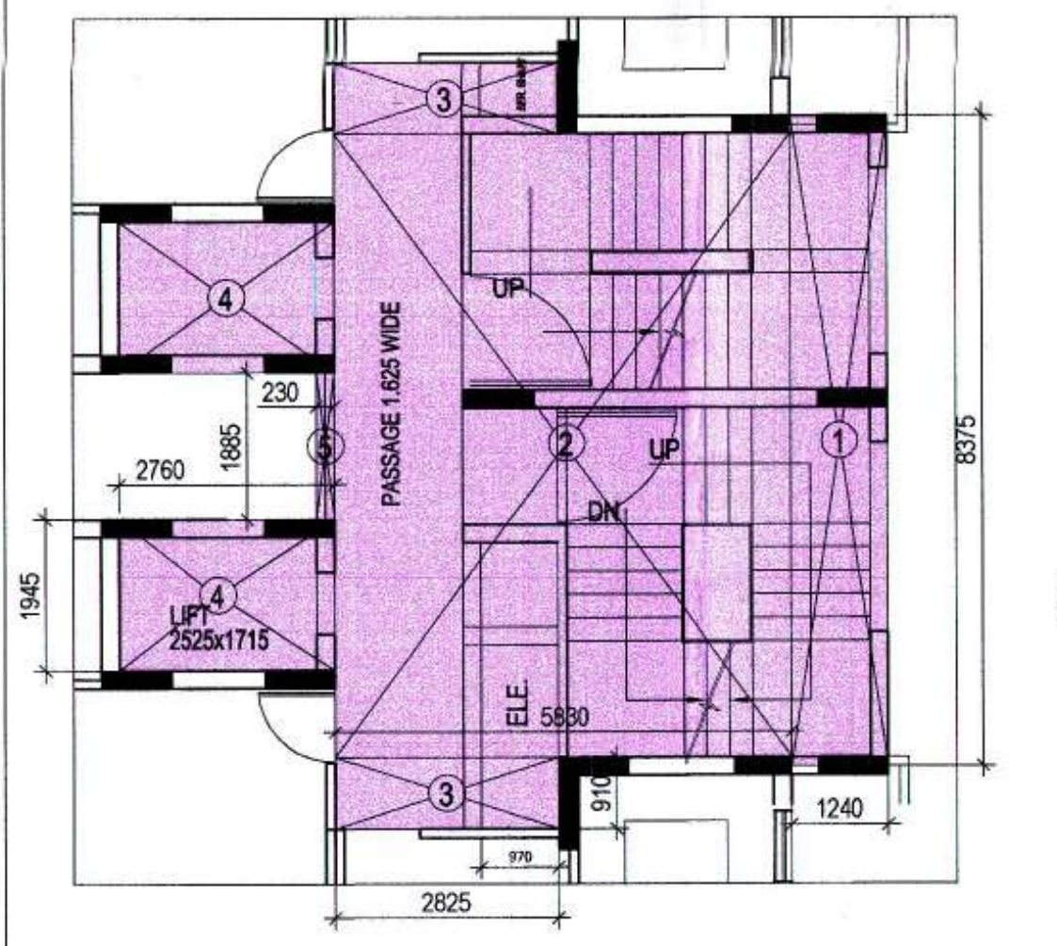
SECHDULE OF OPENING

SL. NO.	TYPE	SIZE	C-LVL.	L-LVL.	
1.	D1	1000 x2100	---	2480	
2.	D	900x2100	---	2100	
3.	D2	750x2100	---	2100	
4.	DW	1775x1600	900	2500	
5.	DW1	1220x1400	900	2500	
6.	DW2	1740x1600	900	2500	
7.	DW3	1220x1400	1100	2500	
8.	DW4	1990x1600	900	2500	
9.	V	600x1000	1500	2500	
10.	W	900x1600	1500	2500	
11.	W1	1450x1600	1500	2500	
12.	W2	1800x1600	1500	2500	

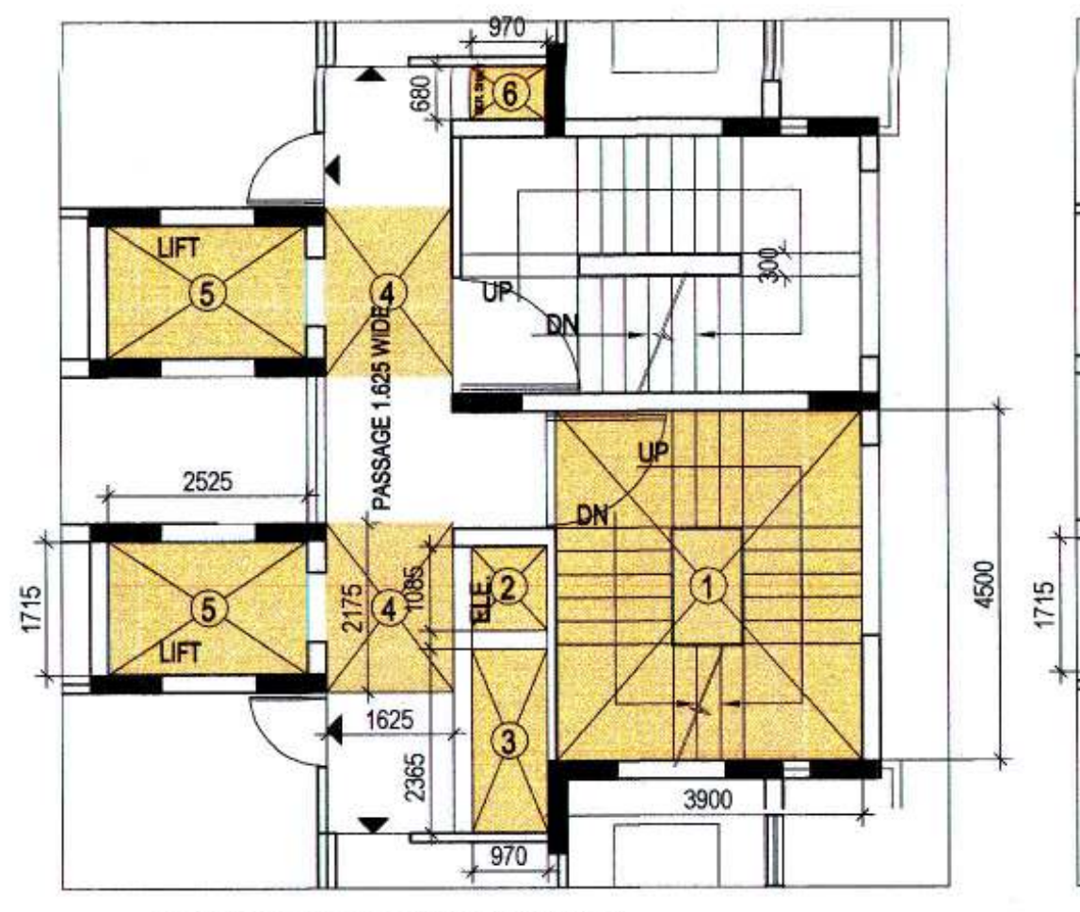
Greater Noida Industrial Dev. Authority
BP-3422 APPROVED
Vide Letter No 207 Dated 22/2/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng & ...)
Drawing Checked & Verified by
MGR-II
Sr Ex (Plng)

AREA OF ONE UNIT (type -C) 2BHK	
8.850 x10.150	= 89.827 m²
Deductions:-	
1 2.760 x 1.945	= 5.368 m²
2 1.585 x 1.615	= 2.559 m²
3 4.735 x 2.510	= 11.884 m²
4 3.120 x 4.055	= 12.651 m²
Total	= 32.462 m²
AREA UNDER ONE UNIT	
89.827 - 32.462	= 57.365 m²
ADD. BALCONY 25%	= 1.170 m²
TOTAL FAR OF UNIT	= 58.535 m²
NOS OF UNITS = 2 nos	
TOTAL FAR OF UNIT =117.070 m²	



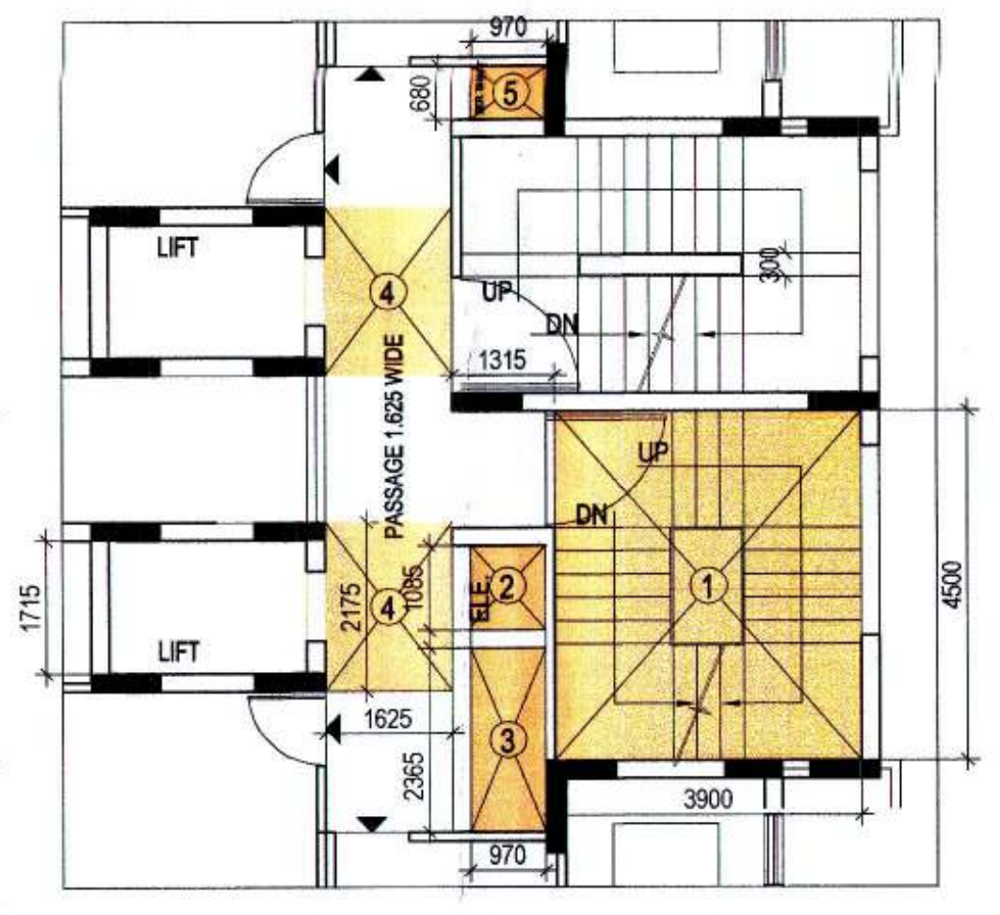


ADDITION OF PASSAGE AREA	
1	1.240 x 8.375 = 10.385 m²
2	5.830 x 7.915 x 1 = 46.144 m²
3	2.825 x 0.910 x 2 = 5.141 m²
4	2.760 x 1.945 x 1 = 10.736 m²
5	0.230 x 1.885 x 1 = 0.433 m²
	Total =72.839 m²



TYPICAL PASSAGE AREA CALCULATION
(FROM 1st TO 26 th floor)

DEDUCTION FOR PASSAGE AREA		
1	3.900 x 4.500 x 1	=17.550 m²
2	0.970 x1085 x 1	= 1.052 m²
3	0.970 x 2.365 x 1	= 2.294 m²
4	1.625 x 2.175 x 2	= 7.068 m²
5	2.525 x 1.715 x 2	= 8.660 m²
6	0.970 x 0.680 x 1	= 0.659 m²
	Total deduction	= 37.283 m²
	PASSAGE AREA=ADDITION-DEDUCTION	
	72.839 - 37.283 = 35.556 m²	



ACILLARY PASSAGE AREA CALCULATION AT GROUND FLOOR
(GROUND FLOOR)

ACILLARY AREA AT GROUND FLOOR		
1	3.900 x 4.500 x 1	=17.550 m²
2	0.970 x1.085 x 1	= 1.052 m²
3	0.970 x 2.365 x 1	= 2.294 m²
4	1.625 x 2.175 x 2	= 7.068 m²
5	0.970 x 0.680 x 1	= 0.659 m²
	Total deduction	= 28.584 m²
	PASSAGE AREA=ADDITION-DEDUCTION	
	72.839 - 28.584 = 44.255 m²	
ANCILLARY AREA AT GROUND FLOOR = 28.584 m²		

	NET FAR ON GROUND FLOOR (TOWER B-1) (FAR UNIT [Bx2+B1x2] +PASSAGE AREA+EXTRA WALL AREA)
	121.448 + 114.730 + 44.255+.307=280.740 m²

	NET FAR ON TYPICAL FLOOR (FAR UNIT [Bx2+B1x2] +PASSAGE AREA)
	123.788 + 117.070 + 35.556 = 276.414 m²

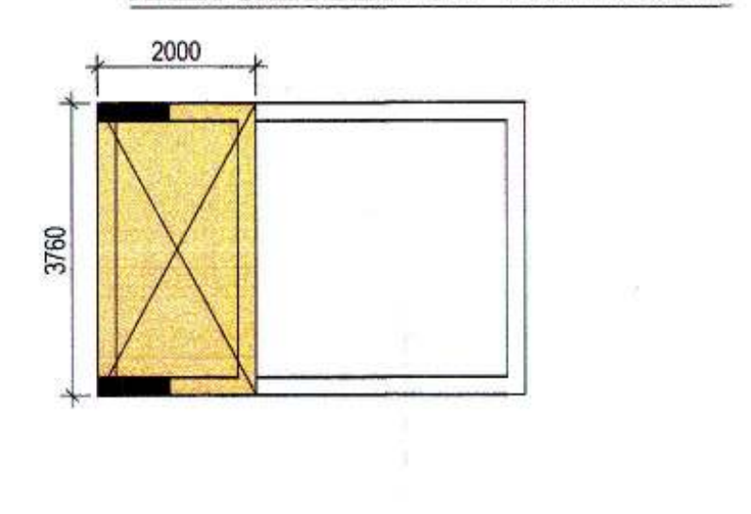
	NET FAR ON 26th FLOOR (FAR UNIT [P3 x 2] +PASSAGE AREA)
	195.686 + 35.556 + .307 = 231.549 m²

EXTRA WALL AREA IN TOWER B-2	
1 0.115 x 2.670 x 1 = 0.307 m²	
NET FAR ON TYP. FLOOR	
IN TOWER B-1	***= 276.721 m²***
NET FAR ON 26th FLOOR	***= 229.354 m²***

EXTRA WALL AREA IN TOWER B-3	
1 0.115 x 2.670 x 1 = 0.307 m²	
NET FAR ON TYP. FLOOR	
IN TOWER B-1	***= 274.526 m²***
NET FAR ON 26th FLOOR	***= 229.354 m²***

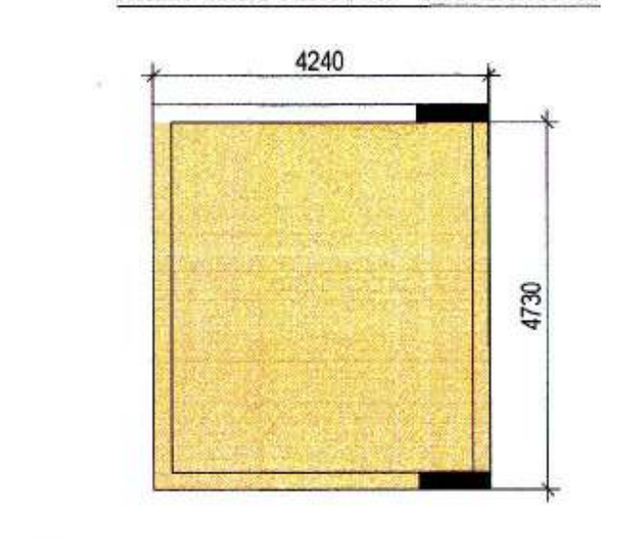
EXTRA WALL AREA IN TOWER B-4	
1 0.115 x 2.670 x 1 = 0.307 m²	
NET FAR ON TYP. FLOOR	
IN TOWER B-1	***= 274.526 m²***
NET FAR ON 26th FLOOR	***= 229.354 m²***

AREA CALCULATION - WATER TANK



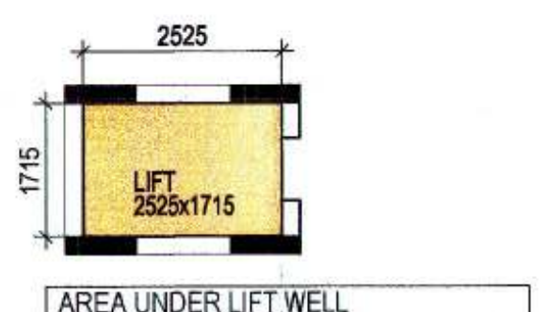
AREA UNDER WATER TANK	
1	2.000 x 3.760 x 1 = 7.520 m²
	Total water tank area = 7.520 m²

AREA CALCULATION - WATER TANK

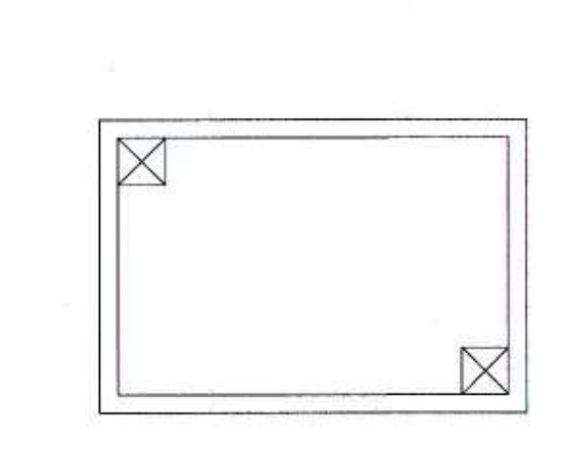


AREA UNDER WATER TANK	
1	4.240 x 4.730 x 1 =20.055 m²
	Total water tank area =20.055 m²

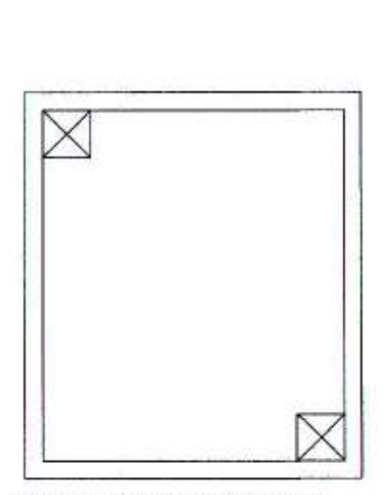
AREA CALCULATION - LIFT WELL



AREA UNDER LIFT WELL	
1	2.525 x 1.715 x 2 = 8.660 m²
	Total shaft area = 8.660 m²



WATER TANK TOP PLAN-1



WATER TANK TOP PLAN-1

AREA LEGEND

FAR	🟪
15% ANCILLARY	🟨
NON FAR	🟥
BALCONY AREA 25% IN FAR & 75%in FREE OF FAR	▨

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

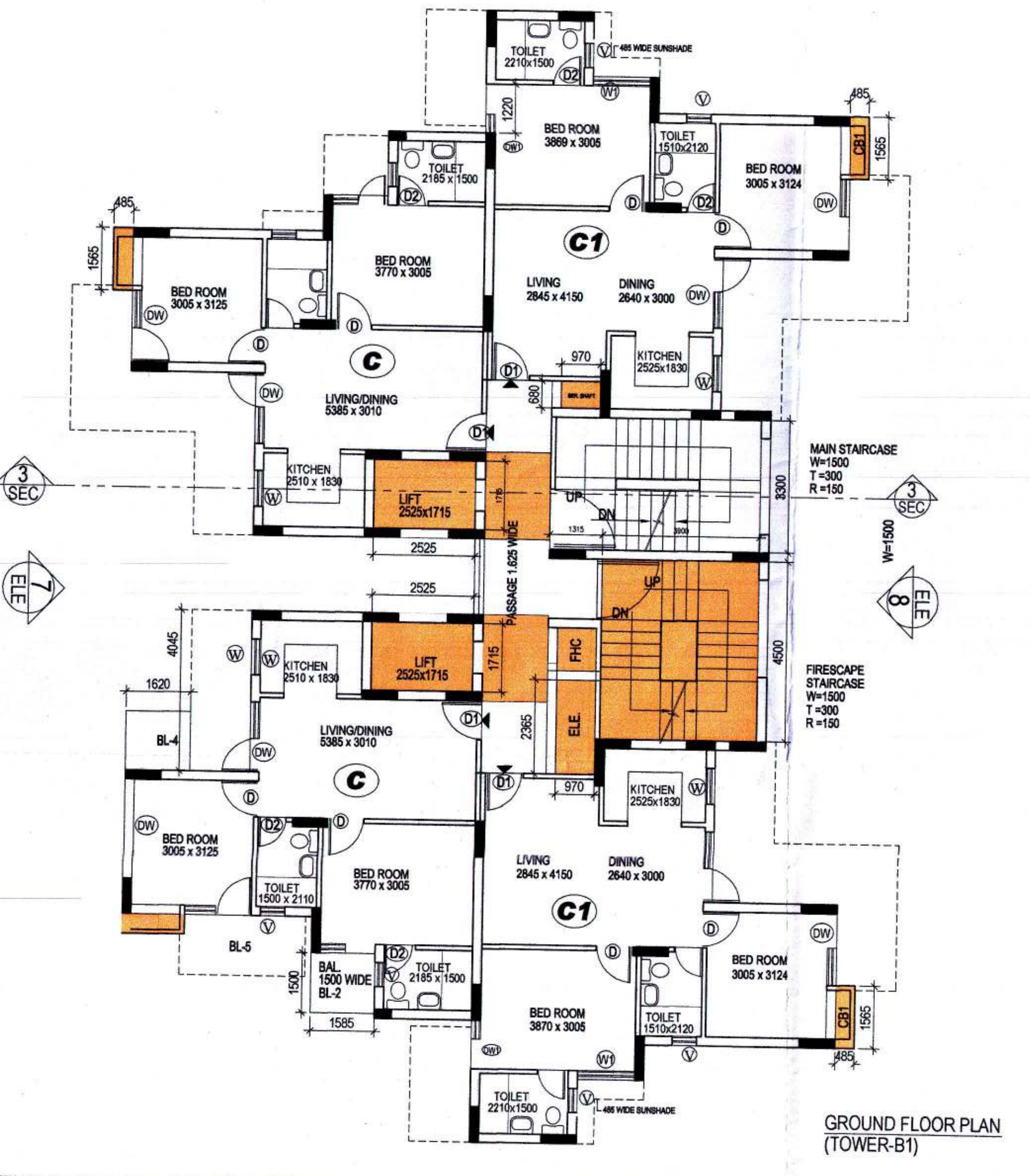
architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766
A. h. Agnihotri

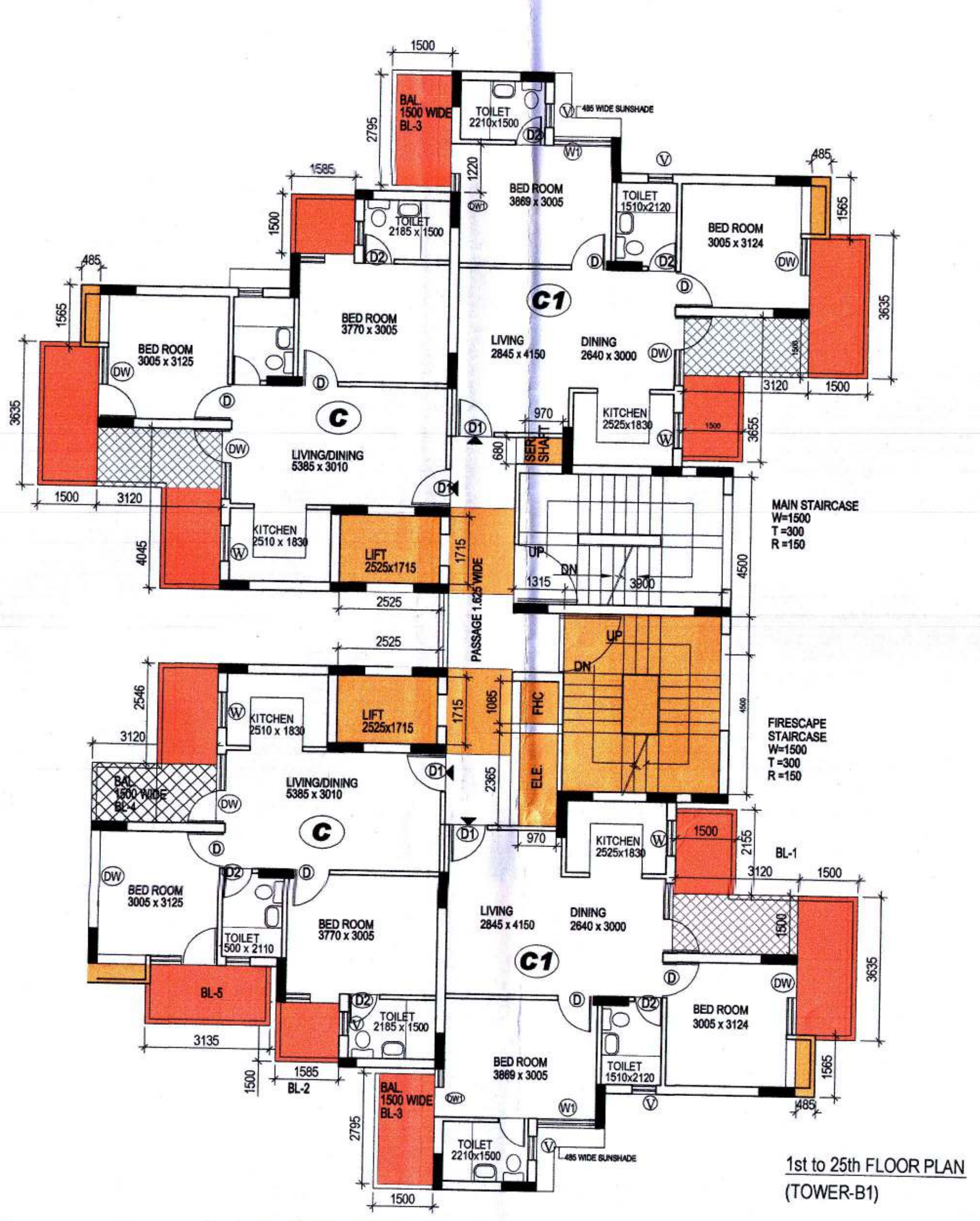
CLIENT'S
ARCHITECT'S

scale 1:100
drg. no. SB-15

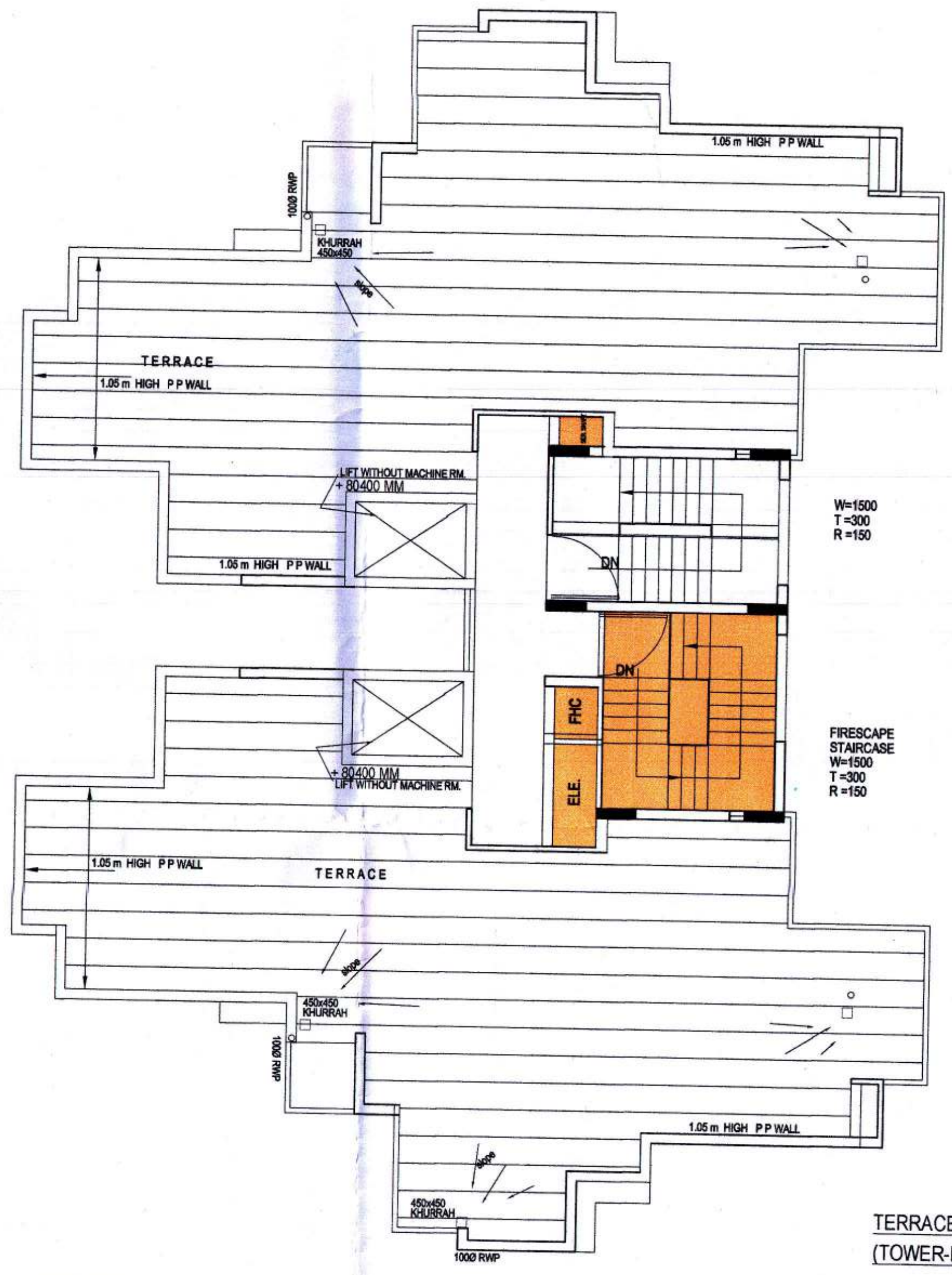
drawing title
GROUND & TYPICAL FLOOR PLAN
AREA CALCULATION (TOWER-B-2,B-3 & B—4)


MAIN STAIRCASE W=1500 T=300 R=150
FIRESCAPE STAIRCASE W=1500 T=300 R=150
BED ROOM 3005 x 3125
BED ROOM 3770 x 3005
LIVING 2845 x 4150
DINING 2640 x 3000
KITCHEN 2525x1830
LIVING/DINING 5385 x 3010
LIFT 2525x1715
PASSAGE 1.825 WIDE
TOILET 2210x1500
485 WIDE SUNSHADE
C1
C
ELE
FHC
BL-2
BL-4
BL-5
3 SEC
7 ELE
8 ELE

GROUND FLOOR PLAN
(TOWER-B1)

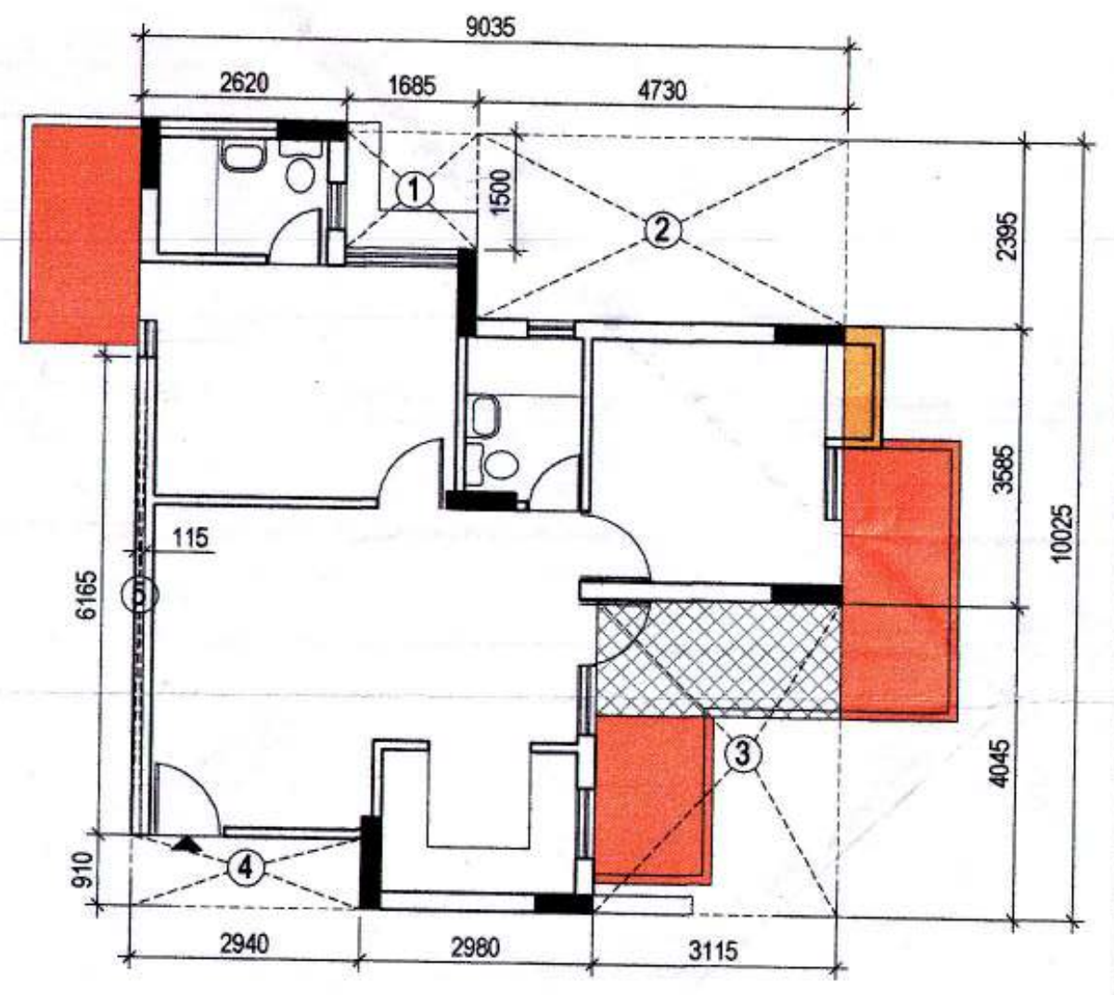

MAIN STAIRCASE W=1500 T=300 R=150
FIRESCAPE STAIRCASE W=1500 T=300 R=150
BAL 1500 WIDE BL-3
BL-1
BL-2
BL-4
BL-5
C1
C
LIFT 2525x1715
PASSAGE 1.825 WIDE

1st to 25th FLOOR PLAN
(TOWER-B1)

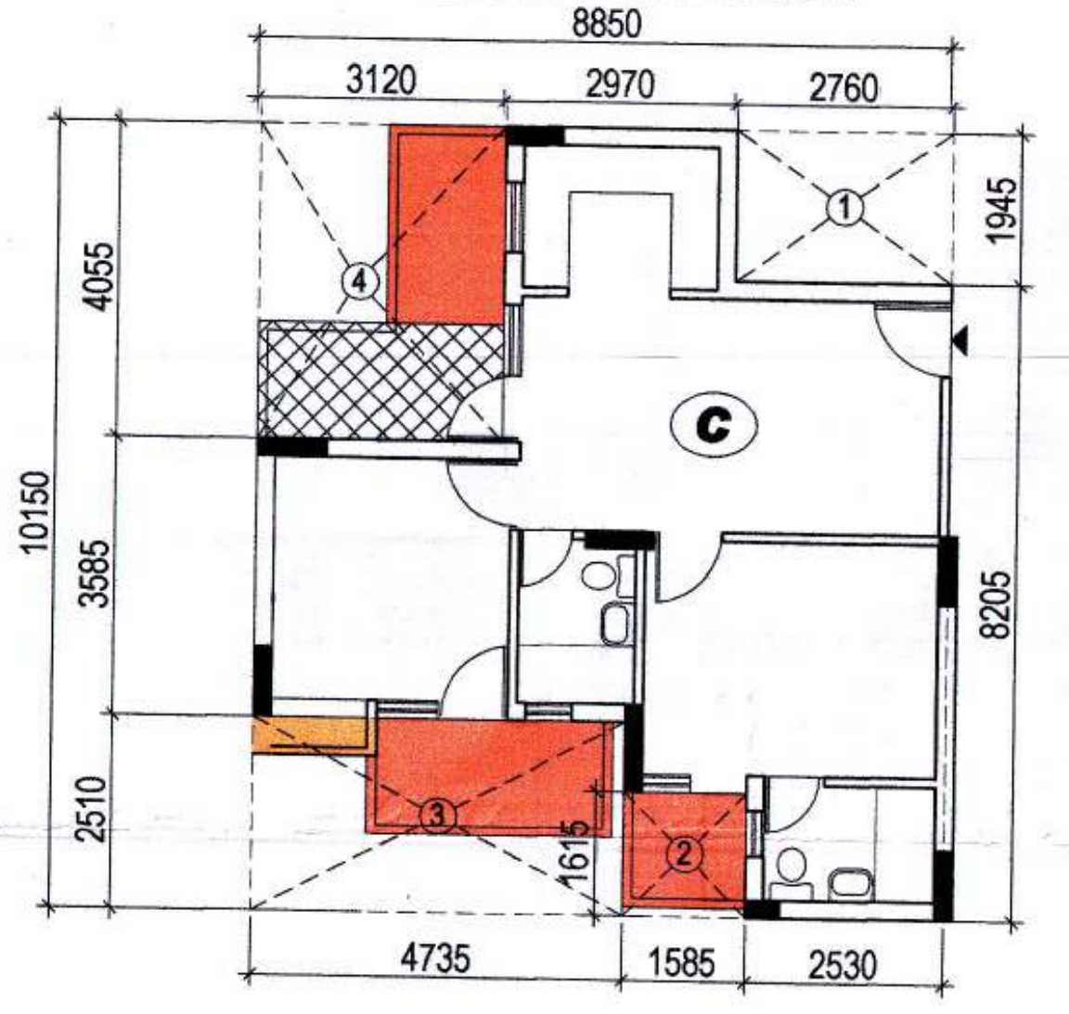

TERRACE
1.05 m HIGH P P WALL
LIFT M/C ROOM
FIRESCAPE STAIRCASE W=1500 T=300 R=150
450x450 KHURRAH
100Ø RWP
ELE
FHC

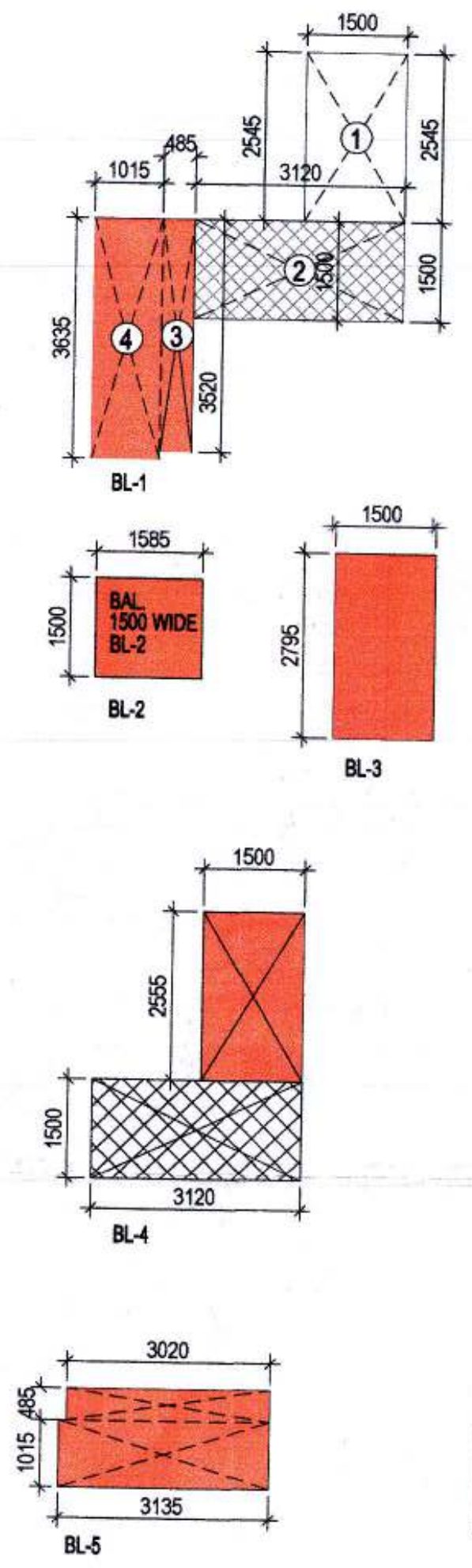
TERRACE FLOOR PLAN
(TOWER-B1)

AREA OF ONE UNIT (type -C1)	
9.035 x 10.025	= 90.575 m²
Deductions:-	
1 1.685 x 1.500	= 2.527 m²
2 4.730 x 2.395	= 11.328 m²
3 3.115 x 4.050	= 12.615 m²
4 2.940 x 0.910	= 2.675 m²
5 0.115 x 6.145	= 0.706 m²
Total	= 29.851 m²
AREA UNDER ONE UNIT	
90.575 - 29.851	=60.724 m²
ADD. BALCONY 25%	= 1.170 m²
TOTAL FAR OF UNIT	=61.894 m²
NOS OF UNITS	= 2 nos
TOTAL FAR OF UNIT= 123.788 m²	


9035
2620
1685
4730
2395
3095
10025
6145
4045
115
910
2940
2980
3115
1
2
3
4
5

AREA OF ONE UNIT (type -C) 2BHK	
8.850 x10.150	= 89.827 m²
Deductions:-	
1 2.760 x 1.945	= 5.368 m²
2 1.585 x 1.615	= 2.559 m²
3 4.735 x 2.510	= 11.884 m²
4 3.120 x 4.055	= 12.651 m²
Total	= 32.462 m²
AREA UNDER ONE UNIT	
89.827 - 32.462	= 57.365 m²
ADD. BALCONY 25%	= 1.170 m²
TOTAL FAR OF UNIT	= 58.535 m²
NOS OF UNITS = 2 nos	
TOTAL FAR OF UNIT	**= 117.070 m²**


8850
3120
2970
2760
1945
4055
3585
10150
8205
2510
4735
1585
2530
C
1
2
3
4


1500
2545
1015
3635
3120
BL-1
1585
1500
BAL 1500 WIDE BL-2
2795
BL-3
2555
BL-4
3020
3135
1015
485
BL-5

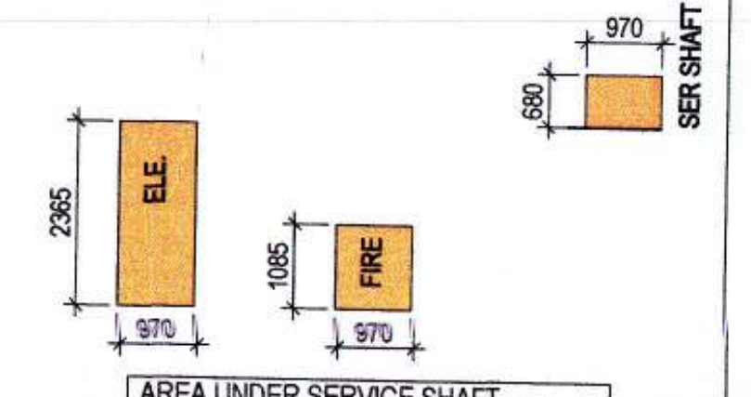
BALCONY FREE OF FAR AREA CALCULATION

FAR AREA IN BALCONY (BL1)	
2. 3.120 x 1.500 = 4.680 m²	
25% AREA COUNTED IN FAR	
AREA TO BE COUNTED IN FAR = 1.170 m²	
NOS OF BALCONY TYPICAL FLOOR = 3	
NET FAR IN BALCONY (BL-1)	= 3.510 m²
FREE OF FAR AREA	
1. 1.500 x 2.545 = 3.817 m²	
2. 75 % = 3.510 m²	
3. 0.485 x 3.520 = 1.707 m²	
4. 1.015 x 3.635 = 3.689 m²	
TOTAL =12.723 m²	
NOS OF BALCONY TYPICAL FLOOR = 3	
NET AREA BALCONY BL1 TYPICAL FLOOR	= 38.169 m²
BALCONY BL-2	
1. 1.585 x 1.500 = 2.377 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-2 TYPICAL FLOOR	= 4.755
BALCONY BL-3	
1. 1.500 x 2.795 = 4.192 m²	
NOS OF BALCONY TYPICAL FLOOR = 2	
NET AREA BALCONY BL-3 TYPICAL FLOOR	= 8.385 m²
FAR AREA IN BALCONY (BL4)	
2. 3.120 x 1.500 = 4.680 m²	
25% AREA COUNTED IN FAR	
AREA TO BE COUNTED IN FAR = 1.170 m²	
NOS OF BALCONY TYPICAL FLOOR = 1	
NET FAR IN BALCONY (BL-1)	= 1.170 m²
1. 1.500 x 2.545 = 3.817 m²	
2. 75 % = 3.510 m²	
TOTAL = 7.327 m²	
NOS OF BALCONY TYPICAL FLOOR = 1	
NET AREA BALCONY BL4 TYPICAL FLOOR	= 7.327 m²
BALCONY BL-5	
1. 3.020 x 0.485 = 1.464 m²	
2. 3.135 x 1.015 = 3.182 m²	
TOTAL = 4.646 m²	
NOS OF BALCONY TYPICAL FLOOR = 1	
NET AREA BALCONY BL-2 TYPICAL FLOOR	= 4.646
NET AREA BAL. ON TYP. FLOOR	***= 67.962***
NET FREE OF FAR BAL. ON TYP. FLOOR= 64.452	

ANCILLARY 15% FAR CALCULATIONS

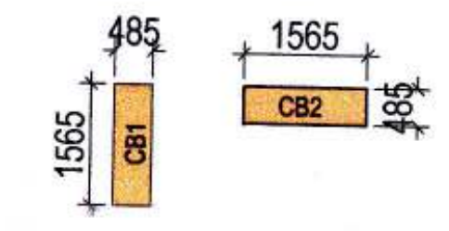
NET ANCILARY FAR ON TYPICAL FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT WELL)
(4.005+3.036+7.068+17.555+8.660) =40.324 m²

SERVICE SHAFT


ELE.
FIRE
SER SHAFT
2365
1085
680
970

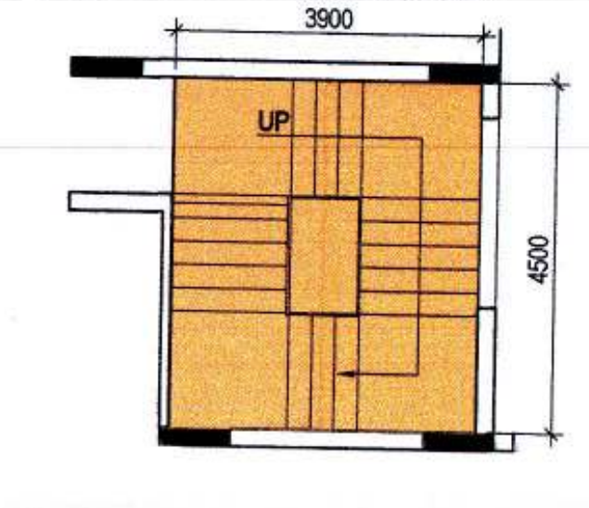
AREA UNDER SERVICE SHAFT	
1	0.970 x 2.365 x 1 = 2.294 m²
2	0.970 x 1.085 x 1 = 1.052 m²
2	0.970 x 0.680 x 1 = 0.659 m²
	Total shaft area = 4.005 m²

AREA UNDER CUP BOARD


CB1
CB2
485
1565

AREA UNDER CUPBOARDS	
1	0.485 x 1.565 x 4 = 3.036 m²
	Total cupboard area = 3.036 m²

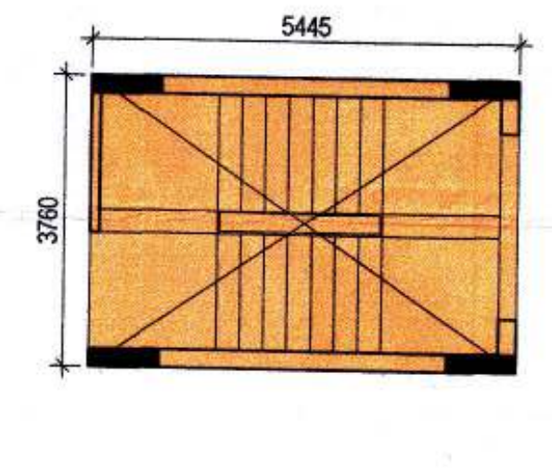
AREA UNDER FIRESCAPE STAIRCASE


3900
4500
UP

AREA UNDER FIRESCAPE STAIRCASE	
1	3.900 x 4.500 x 1 =17.550 m²
	Total firescape staircase area =17.550 m²

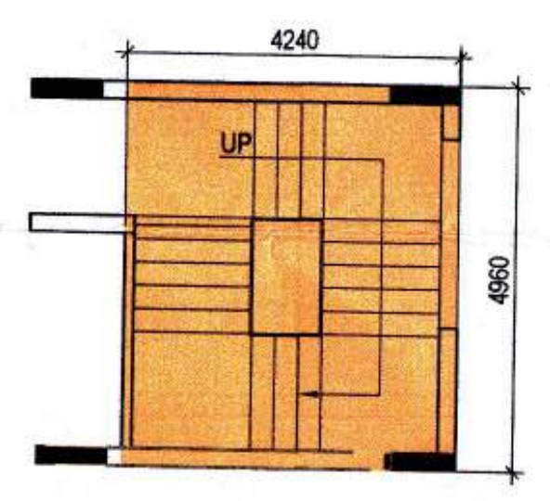
AREA CHART 3 BHK UNIT (TOWER-B1)					
FLOORS	TOTAL NO. OF UNIT	FAR AREA INCL BALCONY	ANCILARY FAR AREA	NON FAR BALCONY AREA	TOTAL BUILTUP AREA
GROUND FLOOR	4	280.414	31.62	0.000	312.034
1ST FLOOR	4	276.721	40.324	64.452	381.497
2nd FLOOR	4	276.721	40.324	64.452	381.497
3rd FLOOR	4	276.721	40.324	64.452	381.497
4th FLOOR	4	276.721	40.324	64.452	381.497
5th FLOOR	4	276.721	40.324	64.452	381.497
6th FLOOR	4	276.721	40.324	64.452	381.497
7th FLOOR	4	276.721	40.324	64.452	381.497
8th FLOOR	4	276.721	40.324	64.452	381.497
9th FLOOR	4	276.721	40.324	64.452	381.497
10th FLOOR	4	276.721	40.324	64.452	381.497
11th FLOOR	4	276.721	40.324	64.452	381.497
12th FLOOR	4	276.721	40.324	64.452	381.497
13th FLOOR	4	276.721	40.324	64.452	381.497
14th FLOOR	4	276.721	40.324	64.452	381.497
15th FLOOR	4	276.721	40.324	64.452	381.497
16th FLOOR	4	276.721	40.324	64.452	381.497
17th FLOOR	4	276.721	40.324	64.452	381.497
18thFLORR	4	276.721	40.324	64.452	381.497
19th FLOOR	4	276.721	40.324	64.452	381.497
20th FLOOR	4	276.721	40.324	64.452	381.497
21th FLOOR	4	276.721	40.324	64.452	381.497
20th FLOOR	4	276.721	40.324	64.452	381.497
23rd FLOOR	4	276.721	40.324	64.452	381.497
24th FLOOR	4	276.721	40.324	64.452	381.497
25th FLOOR	4	276.721	40.324	64.452	381.497
26th FLOOR	0	0	0	0.000	0
			0		
MUMTY	0	0.00	40.51	43.835	84.35
WATER TANK	0	0.00	27.575		27.58
TOTAL AREA	104	7198.439	1107.805	1655.135	9961.38

AREA CALCULATION - MUMTY MAIN STAICASE



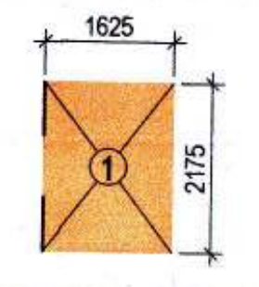
AREA UNDER MUMTY (MAIN STAIRCASE)	
1	5.445 x 3.760 x 1 =20.473 m²
	Total mumty area =20.473 m²

AREA CALCULATION - MUMTY FIRESCAPE STAICASE


4240
4960
UP

AREA UNDER MUMTY (FIRESCAPE STAIRCASE)	
1	4.240 x 4.960 x 1 =21.030 m²
	Total mumty area =21.030 m²

AREA CALCULATION - LIFT LOBBY



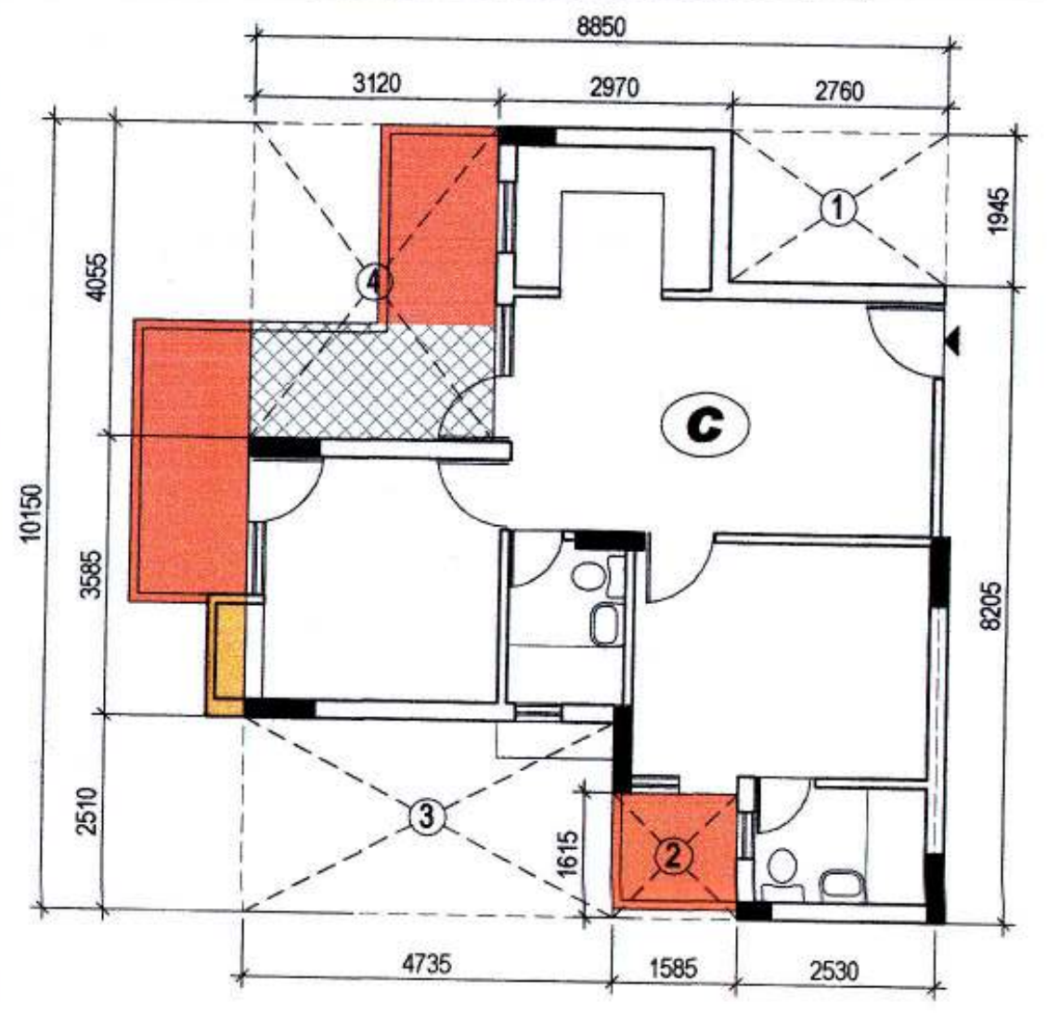
AREA UNDER LIFT LOBBY	
1	1.625 x 2.175 x 1 = 3.534 m²
	Total lift area = 3.534 m²
	2nos lift lobby area = 7.068 m²

SECHDULE OF OPENINGS

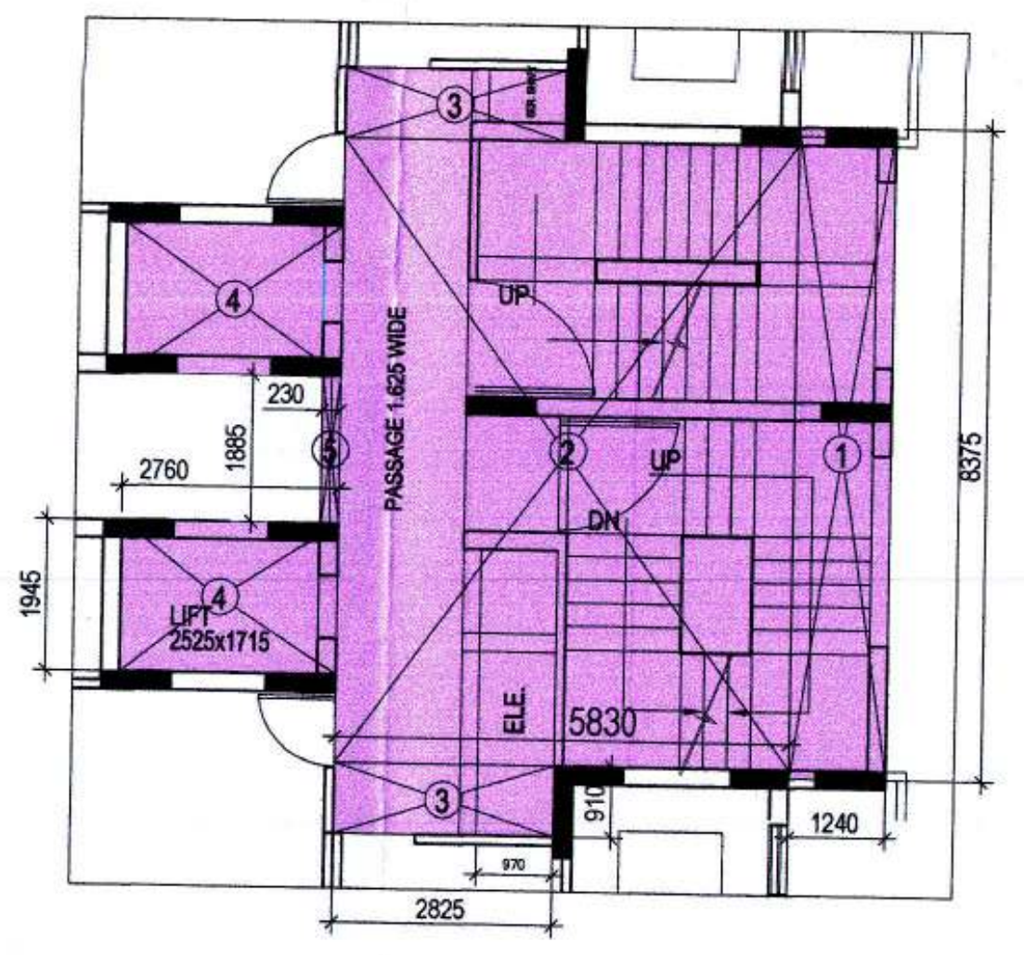
SL. NO.	TYPE	SIZE	C-LVL.	L-LVL.	
1.	D1	1000 x2100	---	2480	
2.	D	900x2100	---	2100	
3.	D2	750x2100	---	2100	
4.	DW	1775x1600	900	2500	
5.	DW1	1220x1400	900	2500	
6.	DW2	1740x1600	900	2500	
7.	DW3	1220x1400	1100	2500	
8.	DW4	1990x1600	900	2500	
9.	V	600x1000	1500	2500	
10.	W	900x1600	1500	2500	
11.	W1	1450x1600	1500	2500	
12.	W2	1800x1600	1500	2500	

G13

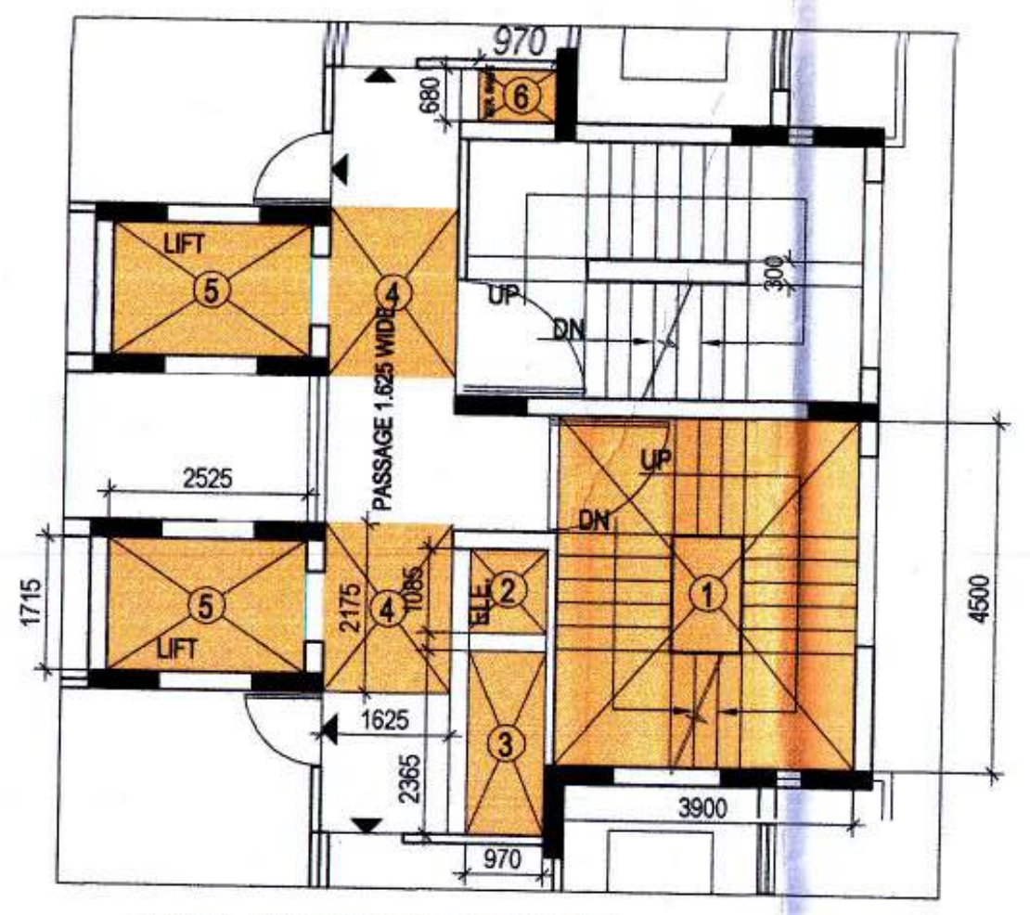
Greater Noida Industrial Dev. Authority
APPROVED
Vide Letter No. 207 Dated 22/2/2012
Valid upto Dated 5 years
DGM (Plng.)
Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)


8850
3120
2970
2760
1945
4055
3585
10150
8205
2510
4735
1585
2530
C
1
2
3
4

AREA OF ONE UNIT (type -C) 2BHK	
8.850 x10.150 = 89.827 m²	
Deductions:-	
1 2.760 x 1.945	= 5.368 m²
2 1.585 x 1.615	= 2.559 m²
3 4.735 x 2.510	= 11.884 m²
4 3.120 x 4.055	= 12.651 m²
Total	= 32.462 m²
AREA UNDER ONE UNIT	
89.827 - 32.462	= 57.365 m²
ADD. BALCONY 25%	= 1.170 m²
TOTAL FAR OF UNIT	= 58.535 m²
NOS OF UNITS = 2 nos	
TOTAL FAR OF UNIT	**= 117.070 m²**

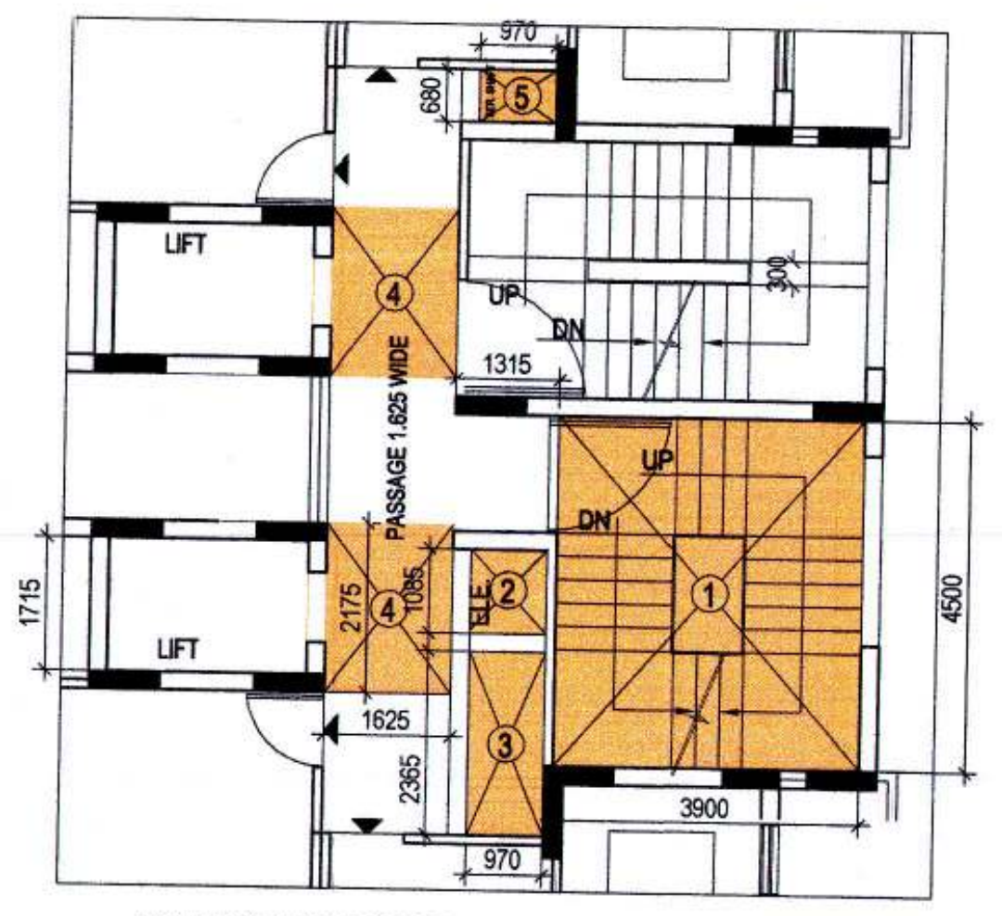

PASSAGE 1.825 WIDE
ELE.
LIFT 2525x1715
5830
8375
1945
2760
2825
1240
910
970
1
2
3
4
5

ADDITION OF PASSAGE AREA	
1	1.240 x 8.375 = 10.385 m²
2	5.830 x 7.915 x 1 = 46.144 m²
3	2.825 x 0.910 x 2 = 5.141 m²
4	2.760 x 1.945 x 1 = 10.736 m²
5	0.230 x 1.885 x 1 = 0.433 m²
	Total =72.839 m²


LIFT
PASSAGE 1.825 WIDE
UP
DN
1625
2365
970
3900
4500
1715
2525
1
2
3
4
5
6

TYPICAL PASSAGE AREA CALCULATION
(FROM 1st TO 26 th floor)

DEDUCTION FOR PASSAGE AREA	
1	3.900 x 4.500 x 1 =17.550 m²
2	0.970 x1085 x 1 = 1.052 m²
3	0.970 x 2.365 x 1 = 2.294 m²
4	1.625 x 2.175 x 2 = 7.068 m²
5	2.525 x 1.715 x 2 = 8.660 m²
6	0.970 x 0.680 x 1 = 0.659 m²
	Total deduction = 37.283 m²
	PASSAGE AREA=ADDITION-DEDUCTION
	72.839 - 37.283 = 35.556 m²


LIFT
PASSAGE 1.825 WIDE
UP
DN
1315
1625
2365
970
3900
4500
1715
1
2
3
4
5

ACILLARY PASSAGE AREA CALCULATION AT GROUND FLOOR
(GROUND FLOOR)

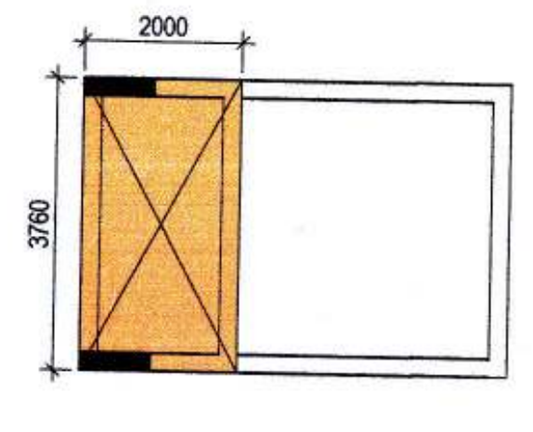
ACILLARY AREA AT GROUND FLOOR	
1	3.900 x 4.500 x 1 =17.550 m²
2	0.970 x1.085 x 1 = 1.052 m²
3	0.970 x 2.365 x 1 = 2.294 m²
4	1.625 x 2.175 x 2 = 7.068 m²
5	0.970 x 0.680 x 1 = 0.659 m²
	Total deduction = 28.584 m²
	PASSAGE AREA=ADDITION-DEDUCTION
	72.839 - 28.584 = 44.255 m²
ANCILLARY AREA AT GROUND FLOOR = 28.584 m²	

	NET FAR ON GROUND FLOOR (TOWER B-1) (FAR UNIT [Bx2+B1x2] +PASSAGE AREA+EXTRA WALL AREA)
	121.448 + 114.730 + 44.255+.307=280.740 m²

	NET FAR ON TYPICAL FLOOR (FAR UNIT [Bx2+B1x2] +PASSAGE AREA)
	123.788 + 117.070 + 35.556 = 276.414 m²

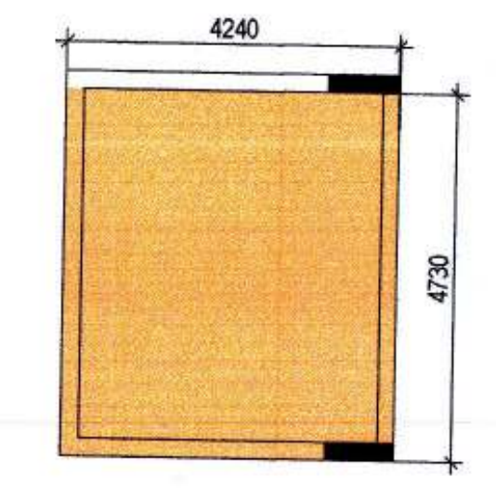
EXTRA WALL AREA IN TOWER B-1	
1	0.115 x 2.670 x 1 = 0.307 m²
NET FAR ON TYP. FLOOR	
IN TOWER B-1	***= 276.721 m²***

AREA CALCULATION - WATER TANK



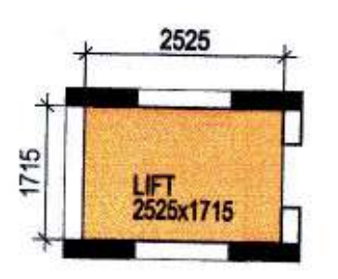
AREA UNDER WATER TANK	
1	2.000 x 3.760 x 1 = 7.520 m²
	Total water tank area = 7.520 m²

AREA CALCULATION - WATER TANK

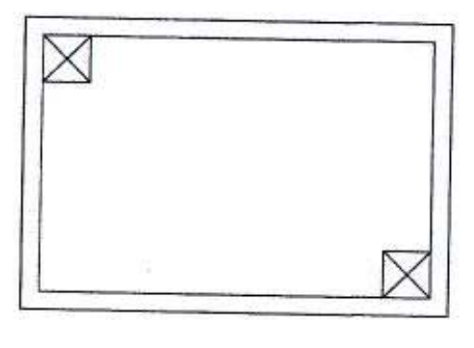


AREA UNDER WATER TANK	
1	4.240 x 4.730 x 1 =20.055 m²
	Total water tank area =20.055 m²

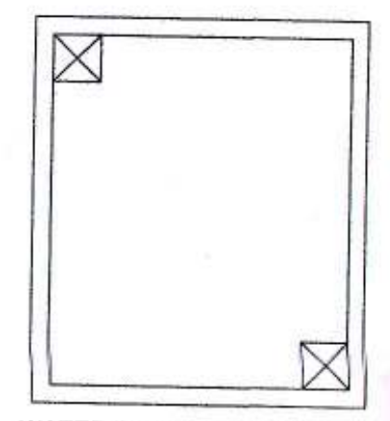
AREA CALCULATION - LIFT WELL


2525
1715
LIFT 2525x1715

AREA UNDER LIFT WELL	
1	2.525 x 1.715 x 2 = 8.660 m²
	Total shaft area = 8.660 m²



WATER TANK TOP PLAN-1



WATER TANK TOP PLAN-1

AREA LEGEND

FAR	🟪
15% ANCILLARY	🟧
NON FAR	🟥
BALCONY AREA 25% IN FAR & 75%in FREE OF FAR	▨

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

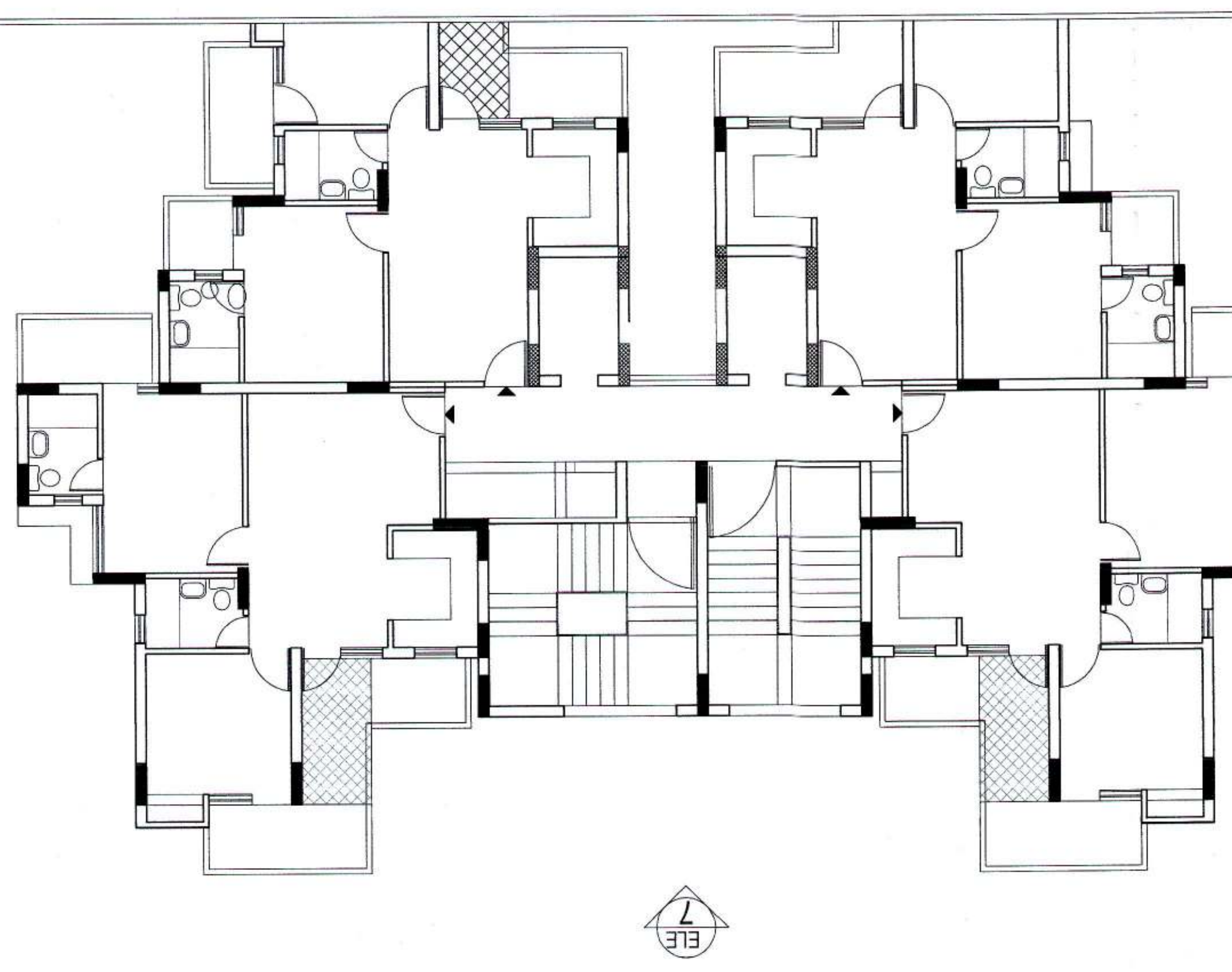
architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

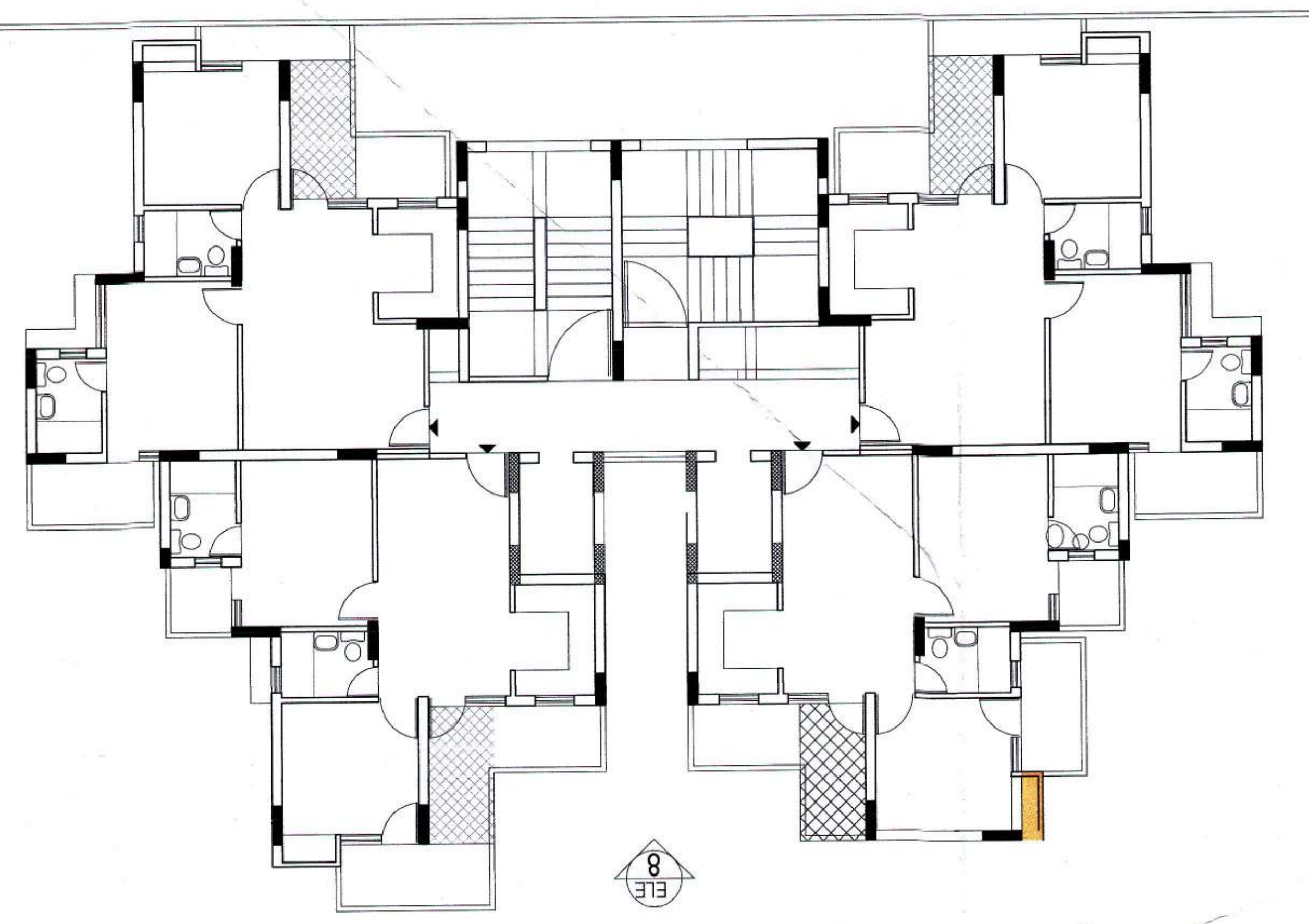
ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766

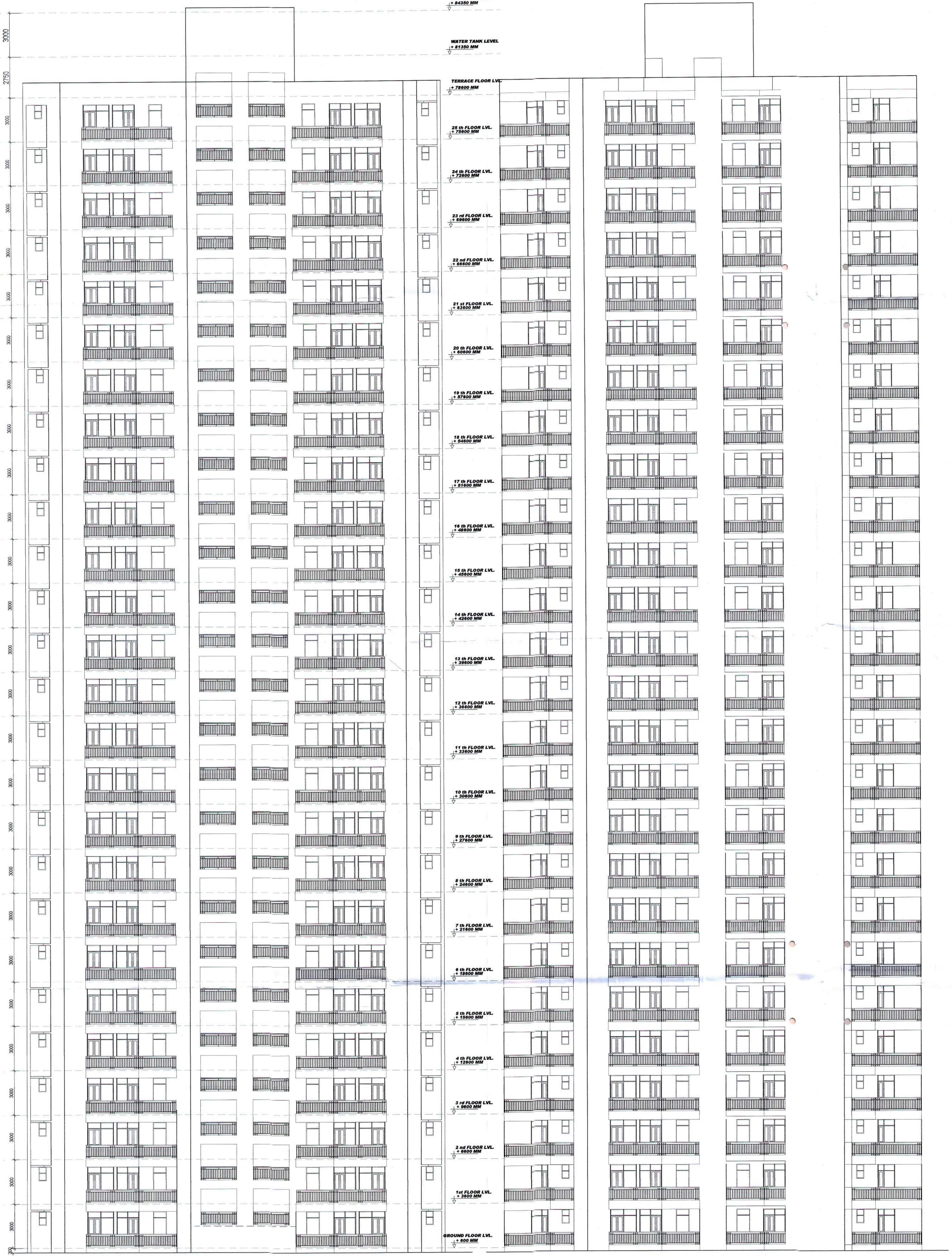
CLIENT'S
ARCHITECT'S

scale 1:100
drg. no. SB-16

drawing title
GROUND & TYPICAL FLOOR PLAN
AREA CALCULATION (TOWER-B-1)






WATER TANK TOP LVL.
+ 84350 MM
WATER TANK LEVEL
+ 81350 MM
TERRACE FLOOR LVL.
+ 78600 MM
25 th FLOOR LVL.
+ 75600 MM
24 th FLOOR LVL.
+ 72600 MM
23 rd FLOOR LVL.
+ 69600 MM
22 nd FLOOR LVL.
+ 66600 MM
21 st FLOOR LVL.
+ 63600 MM
20 th FLOOR LVL.
+ 60600 MM
19 th FLOOR LVL.
+ 57600 MM
18 th FLOOR LVL.
+ 54600 MM
17 th FLOOR LVL.
+ 51600 MM
16 th FLOOR LVL.
+ 48600 MM
15 th FLOOR LVL.
+ 45600 MM
14 th FLOOR LVL.
+ 42600 MM
13 th FLOOR LVL.
+ 39600 MM
12 th FLOOR LVL.
+ 36600 MM
11 th FLOOR LVL.
+ 33600 MM
10 th FLOOR LVL.
+ 30600 MM
9 th FLOOR LVL.
+ 27600 MM
8 th FLOOR LVL.
+ 24600 MM
7 th FLOOR LVL.
+ 21600 MM
6 th FLOOR LVL.
+ 18600 MM
5 th FLOOR LVL.
+ 15600 MM
4 th FLOOR LVL.
+ 12600 MM
3 rd FLOOR LVL.
+ 9600 MM
2 nd FLOOR LVL.
+ 6600 MM
1st FLOOR LVL.
+ 3600 MM
GROUND FLOOR LVL.
+ 600 MM
3000
2750
3000

ELEVATION AT -7 (TOWER-B1)

ELEVATION AT -8 (TOWER-B1)

(412)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

Greater Noida Industrial Dev. Authority
3488 APPROVED
Vide Letter No. 207 Dated 22/2/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng.)
Drawing Checked & Verified by
MGR-II
Sr Ex (Plng)

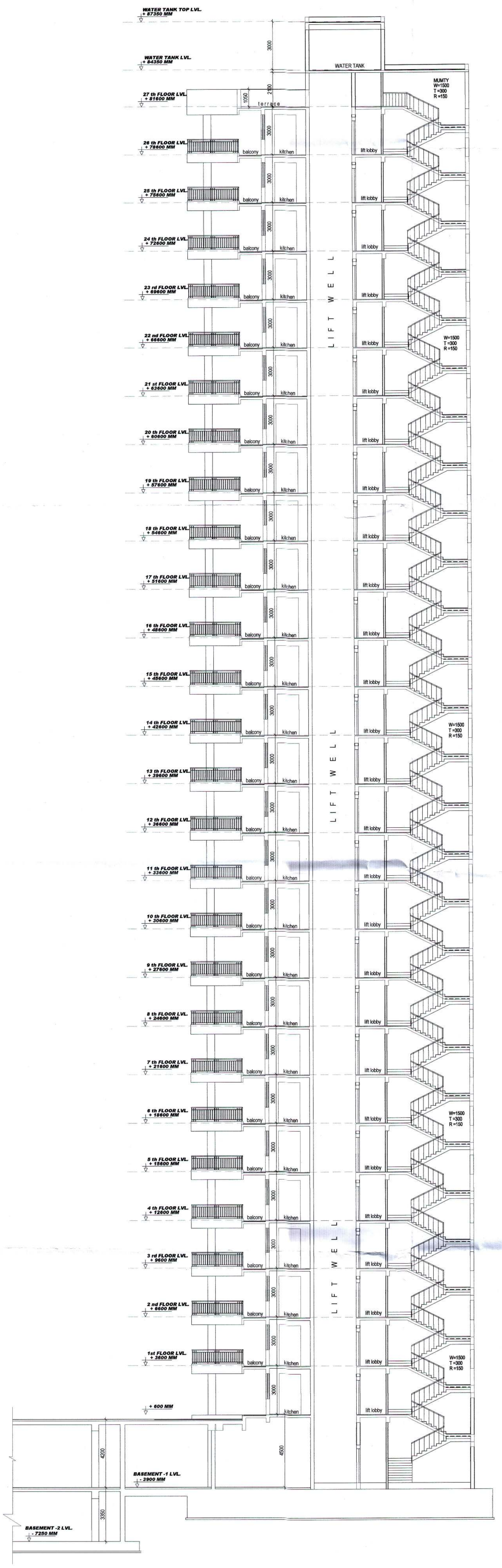
architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
Janakpuri, ND - 58,
Ph# 9868111459, 011-55402928

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971929898, 011-45792766

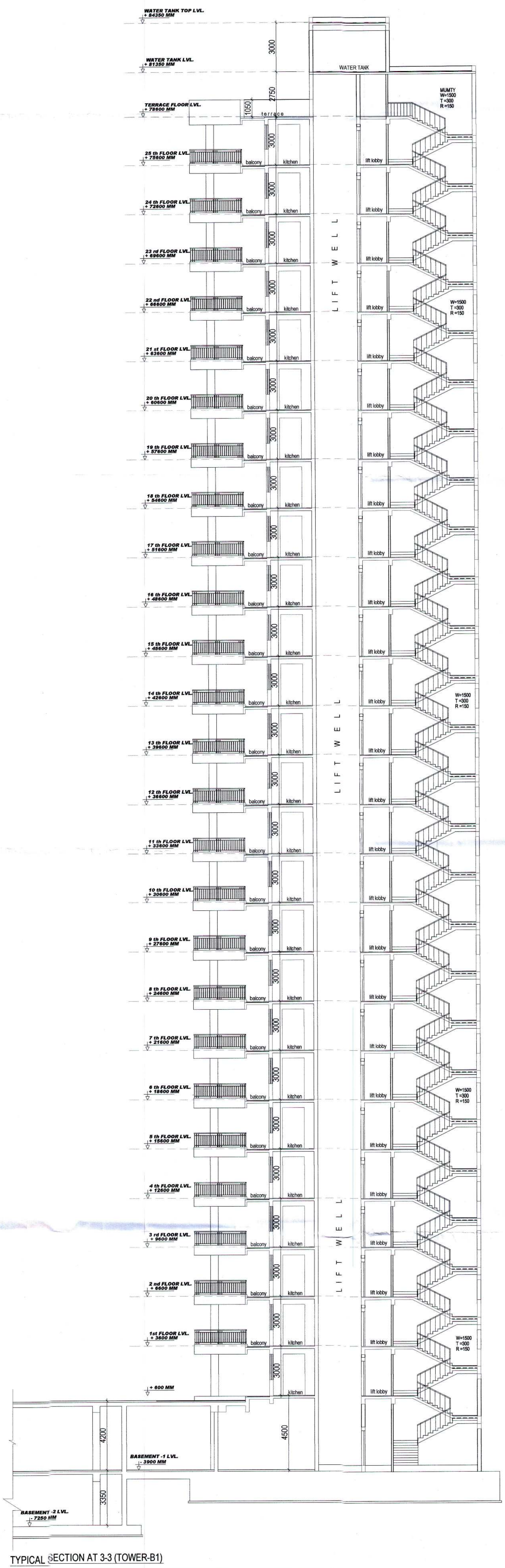
CLIENT'S	ARCHITECT'S

scale 1:100
drg. no. SB-17

drawing title
ELEVATION AT -7 & 8
(TOWER-B1)


WATER TANK TOP LVL. + 87350 MM
WATER TANK LVL. + 84350 MM
WATER TANK
MUMTY W=1500 T =300 R =150
27 th FLOOR LVL. + 81600 MM
terrace
26 th FLOOR LVL. + 78600 MM
25 th FLOOR LVL. + 75600 MM
24 th FLOOR LVL. + 72600 MM
23 rd FLOOR LVL. + 69600 MM
22 nd FLOOR LVL. + 66600 MM
21 st FLOOR LVL. + 63600 MM
20 th FLOOR LVL. + 60600 MM
19 th FLOOR LVL. + 57600 MM
18 th FLOOR LVL. + 54600 MM
17 th FLOOR LVL. + 51600 MM
16 th FLOOR LVL. + 48600 MM
15 th FLOOR LVL. + 45600 MM
14 th FLOOR LVL. + 42600 MM
13 th FLOOR LVL. + 39600 MM
12 th FLOOR LVL. + 36600 MM
11 th FLOOR LVL. + 33600 MM
10 th FLOOR LVL. + 30600 MM
9 th FLOOR LVL. + 27600 MM
8 th FLOOR LVL. + 24600 MM
7 th FLOOR LVL. + 21600 MM
6 th FLOOR LVL. + 18600 MM
5 th FLOOR LVL. + 15600 MM
4 th FLOOR LVL. + 12600 MM
3 rd FLOOR LVL. + 9600 MM
2 nd FLOOR LVL. + 6600 MM
1st FLOOR LVL. + 3600 MM
+ 600 MM
BASEMENT -1 LVL. - 3900 MM
BASEMENT -2 LVL. - 7250 MM
balcony
kitchen
lift lobby
LIFT WELL
W=1500 T =300 R =150
3000
2100
1050
4200
4500
3350

TYPICAL SECTION AT 3-3 (TOWER-B2,B3 & B4)


WATER TANK TOP LVL. + 84350 MM
WATER TANK LVL. + 81350 MM
WATER TANK
MUMTY W=1500 T =300 R =150
TERRACE FLOOR LVL. + 78600 MM
terrace
25 th FLOOR LVL. + 75600 MM
24 th FLOOR LVL. + 72600 MM
23 rd FLOOR LVL. + 69600 MM
22 nd FLOOR LVL. + 66600 MM
21 st FLOOR LVL. + 63600 MM
20 th FLOOR LVL. + 60600 MM
19 th FLOOR LVL. + 57600 MM
18 th FLOOR LVL. + 54600 MM
17 th FLOOR LVL. + 51600 MM
16 th FLOOR LVL. + 48600 MM
15 th FLOOR LVL. + 45600 MM
14 th FLOOR LVL. + 42600 MM
13 th FLOOR LVL. + 39600 MM
12 th FLOOR LVL. + 36600 MM
11 th FLOOR LVL. + 33600 MM
10 th FLOOR LVL. + 30600 MM
9 th FLOOR LVL. + 27600 MM
8 th FLOOR LVL. + 24600 MM
7 th FLOOR LVL. + 21600 MM
6 th FLOOR LVL. + 18600 MM
5 th FLOOR LVL. + 15600 MM
4 th FLOOR LVL. + 12600 MM
3 rd FLOOR LVL. + 9600 MM
2 nd FLOOR LVL. + 6600 MM
1st FLOOR LVL. + 3600 MM
+ 600 MM
BASEMENT -1 LVL. - 3900 MM
BASEMENT -2 LVL. - 7250 MM
balcony
kitchen
lift lobby
LIFT WELL
W=1500 T =300 R =150
3000
2750
1050
4200
4500
3350

TYPICAL SECTION AT 3-3 (TOWER-B1)

(411)

REVISED
SUBMISSION DRAWING

Greater Noida Industrial Dev. Authority
APPROVED
No. ... Dated 22/2/2012
Valid upto Dated 5 years
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
Sr Ex (Plng)
MGR-II
Pol 3488

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

architects :
ALOK AGNIHOTRI
B-1/613,Basment Floor,
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Ph# 9868111459, 011-55402928

ALOK AGNIHOTRI
Chartered Architect
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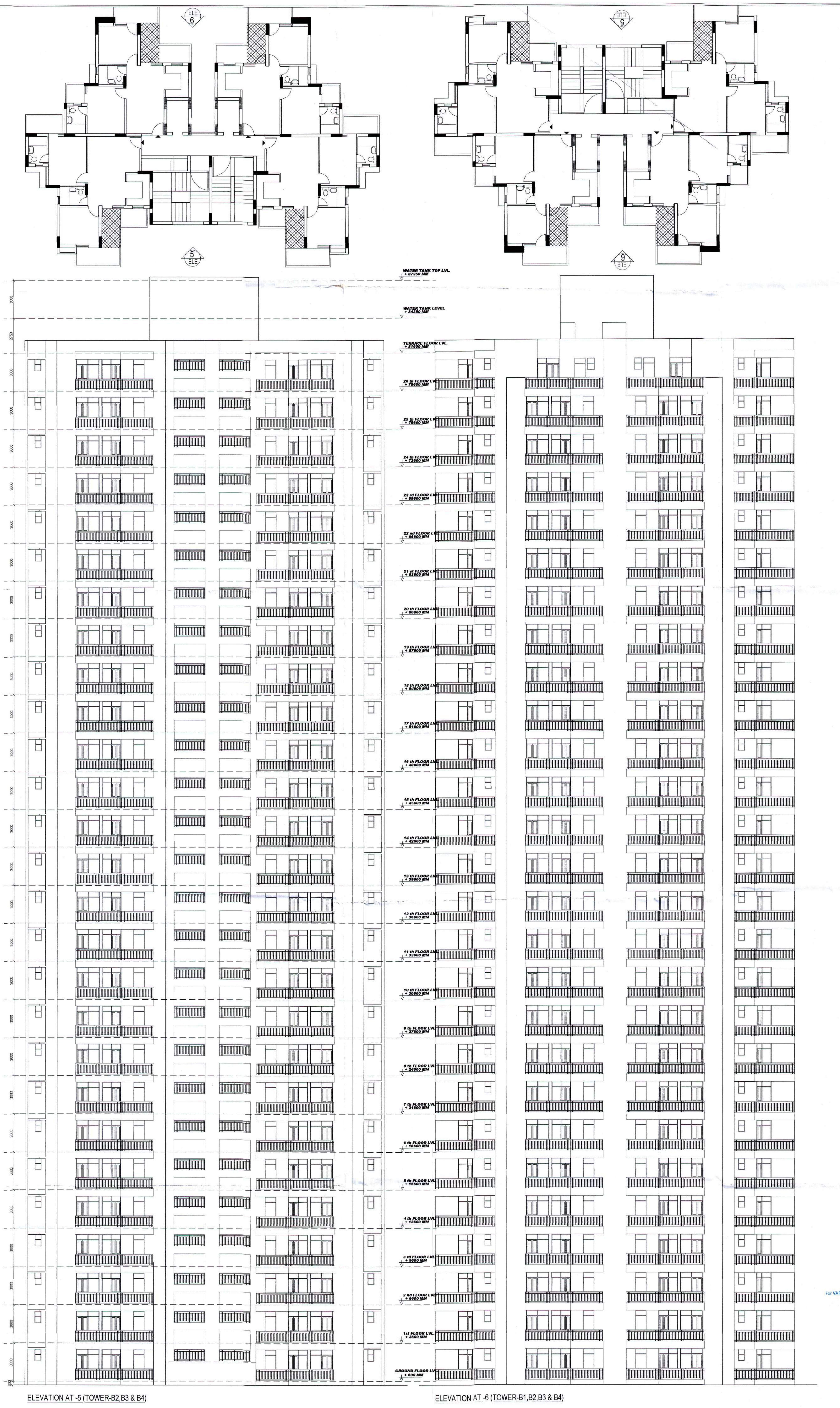
CLIENT'S
ARCHITECT'S

scale 1:100
drg. no. SB-17A

drawing title
TYPICAL SEC. AT 3-3 (TOWER-B1)
TYPICAL SEC. AT 3-3(TOWER-B2,B3 & B4)


ELE 6
ELE 5
ELE 5
ELE 6
WATER TANK TOP LVL. + 87350 MM
WATER TANK LEVEL + 84350 MM
TERRACE FLOOR LVL. + 81600 MM
26 th FLOOR LVL. + 78600 MM
25 th FLOOR LVL. + 75600 MM
24 th FLOOR LVL. + 72600 MM
23 rd FLOOR LVL. + 69600 MM
22 nd FLOOR LVL. + 66600 MM
21 st FLOOR LVL. + 63600 MM
20 th FLOOR LVL. + 60600 MM
19 th FLOOR LVL. + 57600 MM
18 th FLOOR LVL. + 54600 MM
17 th FLOOR LVL. + 51600 MM
16 th FLOOR LVL. + 48600 MM
15 th FLOOR LVL. + 45600 MM
14 th FLOOR LVL. + 42600 MM
13 th FLOOR LVL. + 39600 MM
12 th FLOOR LVL. + 36600 MM
11 th FLOOR LVL. + 33600 MM
10 th FLOOR LVL. + 30600 MM
9 th FLOOR LVL. + 27600 MM
8 th FLOOR LVL. + 24600 MM
7 th FLOOR LVL. + 21600 MM
6 th FLOOR LVL. + 18600 MM
5 th FLOOR LVL. + 15600 MM
4 th FLOOR LVL. + 12600 MM
3 rd FLOOR LVL. + 9600 MM
2 nd FLOOR LVL. + 6600 MM
1st FLOOR LVL. + 3600 MM
GROUND FLOOR LVL. + 600 MM
3000
2750
300

ELEVATION AT -5 (TOWER-B2,B3 & B4)

ELEVATION AT -6 (TOWER-B1,B2,B3 & B4)

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client

architects :
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For VARDHMAN REALTECH PVT. LTD.
Director
CLIENT'S

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ARCHITECT'S

scale 1:100
drg. no. SB-18

drawing title
ELEVATION AT -5 & 6
(TOWER-B1,B2,B3 & B4)

410

Greater Noida Industrial Dev. Authority
APPROVED
BP-3482
Vide Letter No. 207 Dated 22/2/2017
Valid upto Dated 5 years
DGM (Plng.)
Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
MGR-II
Sr Ex (Plng)