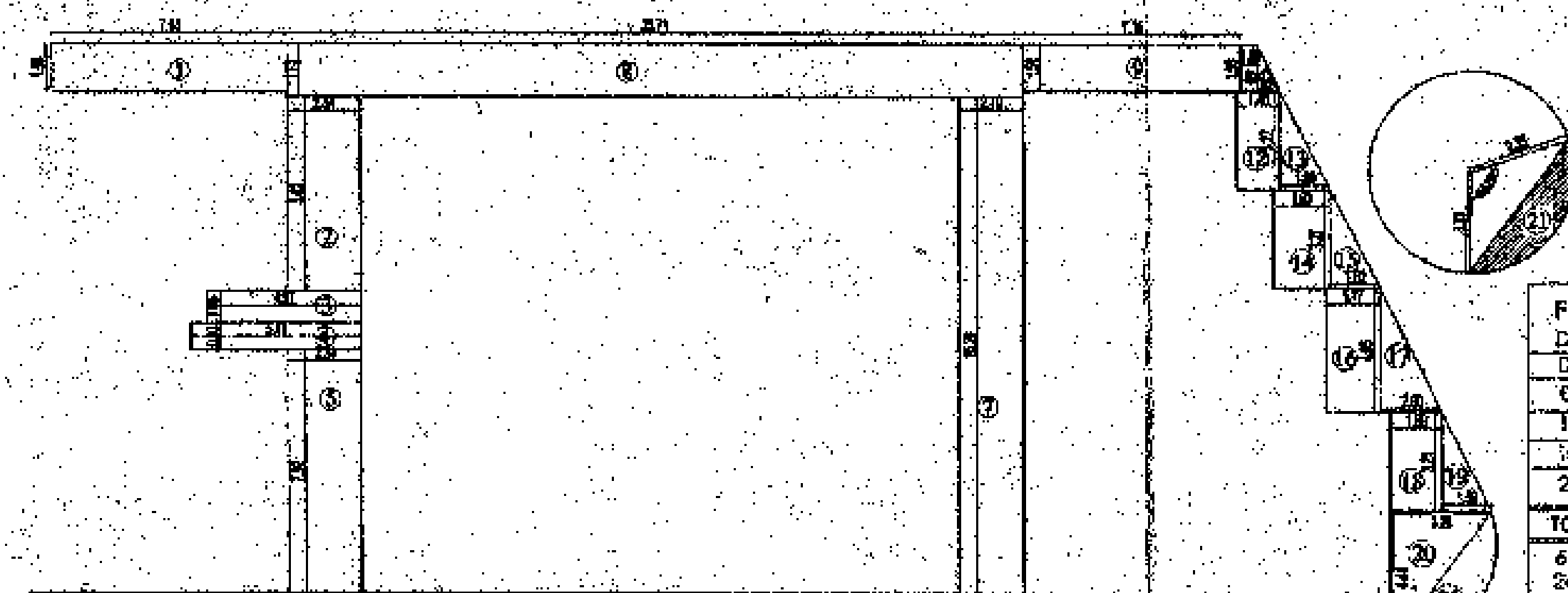


FIRST FLOOR PASSAGE AREA PLAN.

FIRST FLOOR PASSAGE AREA CALCULATION.

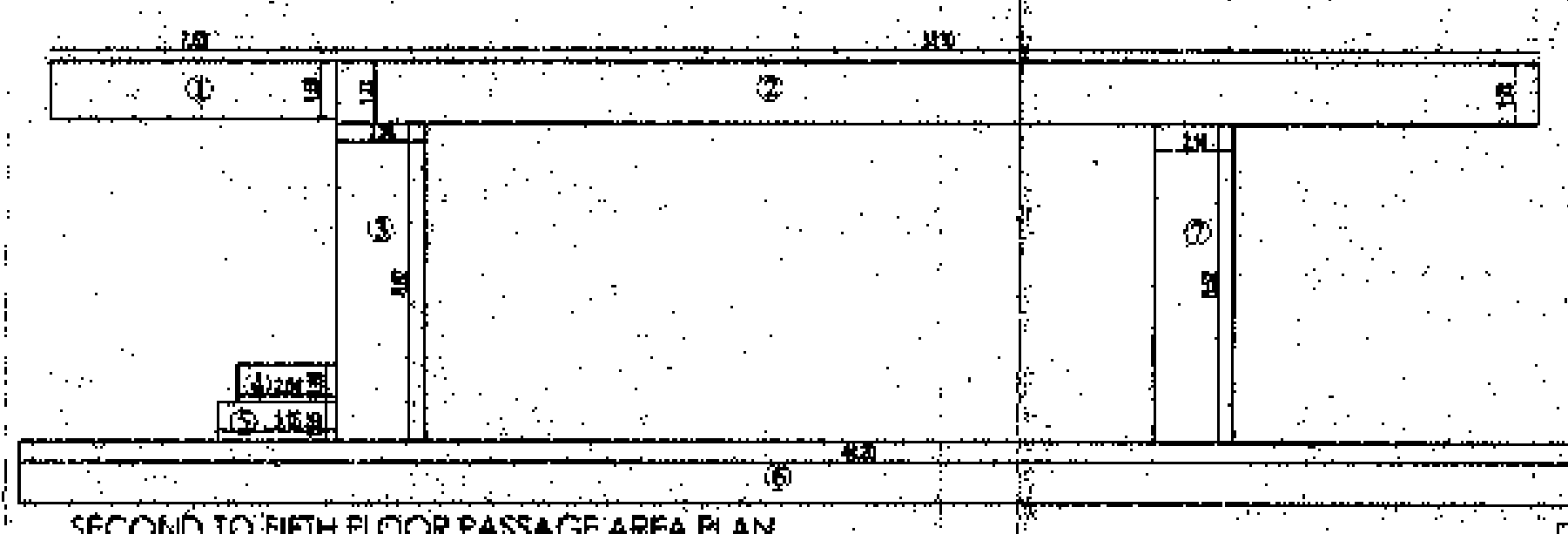
DEDUCTION

01) 7.53 X 1.58 = 11.89 SQ.M.	02) 2.34 X 6.42 = 15.02 SQ.M.	03) 4.97 X 1.05 = 5.21 SQ.M.	04) 5.49 X 0.90 = 4.94 SQ.M.	05) 2.34 X 7.92 = 18.53 SQ.M.
06) 44.01 X 1.65 = 72.61 SQ.M.	07) 2.10 X 16.29 = 34.20 SQ.M.	08) 23.71 X 1.73 = 41.01 SQ.M.	09) 7.15 X 1.51 = [illegible] SQ.M.	10) 0.49 X 1.50 = 0.73 SQ.M.
11) (0.74 X 1.50)/2 = 0.55 SQ.M.	12) 1.40 X 3.22 = 4.50 SQ.M.	13) (1.59 X 3.22)/2 = 2.55 SQ.M.	14) 1.83 X 3.27 = [illegible] SQ.M.	15) (1.62 X 3.27)/2 = 2.64 SQ.M.
16) 1.77 X 4.05 = 7.16 SQ.M.	17) (2.00 X 4.05)/2 = 4.05 SQ.M.	18) 1.68 X 3.21 = 5.39 SQ.M.	19) (1.59 X 3.21)/2 = 2.55 SQ.M.	20) (3.26 X 4.41)/2 = 7.18 SQ.M.

21) $\frac{\theta}{360} \times \pi \times r^2 - (\frac{1}{2} \times r^2 \times \sin\theta) = (\frac{110.195°}{360} \times 3.14 \times 3.33^2) - (\frac{1}{2} \times 3.33^2 \times \sin 110.195°) = 5.45$

TOTAL DEDUCTION = 262.41 SQ.M

667.60 X 10% = 66.76 SQ.M
262.41 - 66.76 = 195.65 SQ.M
PASSAGE AREA OF FIRST FLOOR = 195.65 SQ.M.



SECOND TO FIFTH FLOOR PASSAGE AREA PLAN.

SECOND TO FIFTH FLOOR PASSAGE AREA CALCULATION.

DEDUCTION

01) 7.53 X 1.58 = 11.89 SQ.M.	02) 31.70 X 1.73 = 54.84 SQ.M.	03) 2.34 X 8.52 = 19.93 SQ.M.	04) 2.64 X 1.05 = 2.77 SQ.M.	05) 3.15 X 1.05 = 3.30 SQ.M.
06) 44.20 X 1.65 = 72.93 SQ.M.	07) 2.10 X 8.52 = 17.89 SQ.M.			

TOTAL DEDUCTION = 183.55 SQ.M

637.73 X 10% = 63.77 SQ.M
183.55 - 63.77 = 119.78 SQ.M
PASSAGE AREA OF SECOND TO FIFTH FLOOR = 119.78 X 4 = 479.12

BLOCK AREA = 44.46 X 23.45 = 1042.58 sq.m.

DEDUCTION

01) 8.83 X 6.94 = 61.28 SQ.M.	02) 4.52 X 6.49 = 29.33 SQ.M.	03) 1.05 X 4.05 = 4.25 SQ.M.	04) 28.80 X 7.06 = 203.32 SQ.M.	05) 28.80 X 3.82 = 110.09 SQ.M.
06) 22.90 X 4.50 = 103.05 SQ.M.	07) 0.67 X 2.70 = 1.80 SQ.M.	08) 0.52 X 0.95 = 0.49 SQ.M.	09) 0.48 X 4.55 = 2.18 SQ.M.	

TOTAL DEDUCTION = 515.77 Sq.M

1042.58 - 515.77 = 526.81 Sq.M

TOTAL B/UP AREA OF LOWER GROUND FL. = 526.81 Sq.M

BLOCK AREA = 44.46 X 23.45 = 1042.58 sq.m.

DEDUCTION

01) 8.83 X 6.94 = 61.28 SQ.M.	02) 4.52 X 4.09 = 18.48 SQ.M.	03) 12.21 X 2.40 = 29.30 SQ.M.
04) 1.05 X 4.05 = 4.25 SQ.M.	05) 1.03 X 7.16 = 7.37 SQ.M.	06) 31.98 X 6.27 = 200.51 SQ.M.

TOTAL DEDUCTION = 321.19 Sq.M

1042.58 - 321.19 = 721.39 Sq.M

TOTAL B/UP AREA OF UPPER GROUND FL. = 721.39 Sq.M

BLOCK AREA = 44.16 X 22.55 = 995.80 sq.m.

DEDUCTION

01) 4.77 X 4.54 = 21.65 SQ.M.	02) 44.16 X 1.51 = 66.68 SQ.M.	03) 4.94 X 3.22 = 15.90 SQ.M.	04) 3.77 X 3.27 = 12.32 SQ.M.	05) 2.10 X 4.05 = 8.50 SQ.M.
06) 2.10 X 11.18 = 23.47 SQ.M.	07) 4.20 X 2.10 = 8.82 SQ.M.	08) 4.20 X 3.22 = 13.52 SQ.M.	09) 15.07 X 3.21 = 48.37 SQ.M.	10) 12.97 X 3.22 = 41.76 SQ.M.
11) 12.97 X 0.72 = 9.33 SQ.M.	12) 2.10 X 1.38 = 2.89 SQ.M.	13) 4.97 X 4.65 = 23.11 SQ.M.	14) 2.34 X 7.92 = 18.53 SQ.M.	15) 0.52 X 0.90 = 0.46 SQ.M.
16) 0.67 X 2.70 = 1.80 SQ.M.	17) 0.48 X 4.65 = 2.23 SQ.M.	18) 0.85 X 4.45 = 3.78 SQ.M.	19) (2.24 X 4.54)/2 = 5.08 SQ.M.	

TOTAL DEDUCTION = 328.20 Sq.M

995.00 - 328.20 = 667.60 Sq.M

TOTAL B/UP AREA OF FIRST FL. = 667.60 Sq.M

BLOCK AREA = 48.43 X 24.59 = 1190.89 SQ.M.

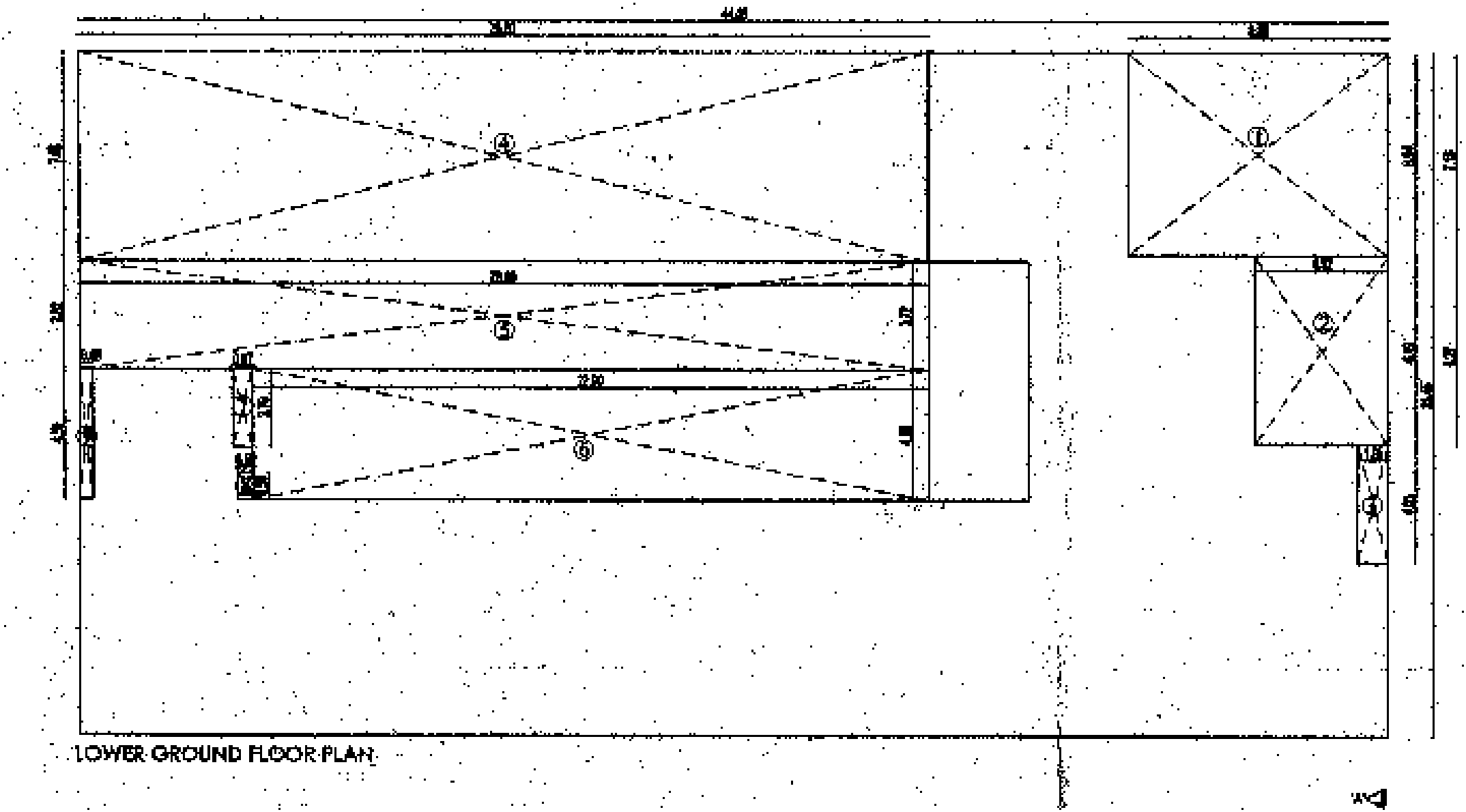
DEDUCTION

01) 8.04 X 4.54 = 36.50 SQ.M.	02) 48.43 X 1.73 = 83.78 SQ.M.	03) 8.04 X 3.72 = 29.90 SQ.M.	04) 7.26 X 6.45 = 46.82 SQ.M.	05) (4.07 X 8.16)/2 = 16.63 SQ.M.
06) 8.92 X 1.65 = 14.71 SQ.M.	07) 2.10 X 10.17 = 21.35 SQ.M.	08) 2.10 X 5.10 = 10.71 SQ.M.	09) 6.28 X 3.00 = 18.84 SQ.M.	10) 3.29 X 10.17 = 33.45 SQ.M.
11) 5.50 X 3.00 = 16.50 SQ.M.	12) 2.10 X 5.10 = 10.71 SQ.M.	13) 10.87 X 3.72 = 40.43 SQ.M.	14) 5.64 X 2.70 = 15.22 SQ.M.	15) 4.97 X 1.05 = 5.21 SQ.M.
16) 5.49 X 1.05 = 5.76 SQ.M.	17) 18.47 X 1.65 = 30.47 SQ.M.	18) 0.47 X 4.80 = 2.25 SQ.M.	19) 0.90 X 6.12 = 5.50 SQ.M.	20) 39.15 X 2.03 = 79.43 SQ.M.
21) (0.64 X 1.29)/2 = 0.41 SQ.M.	22) 0.90 X 4.54 = 4.08 SQ.M.	23) (2.24 X 4.54)/2 = 5.08 SQ.M.		

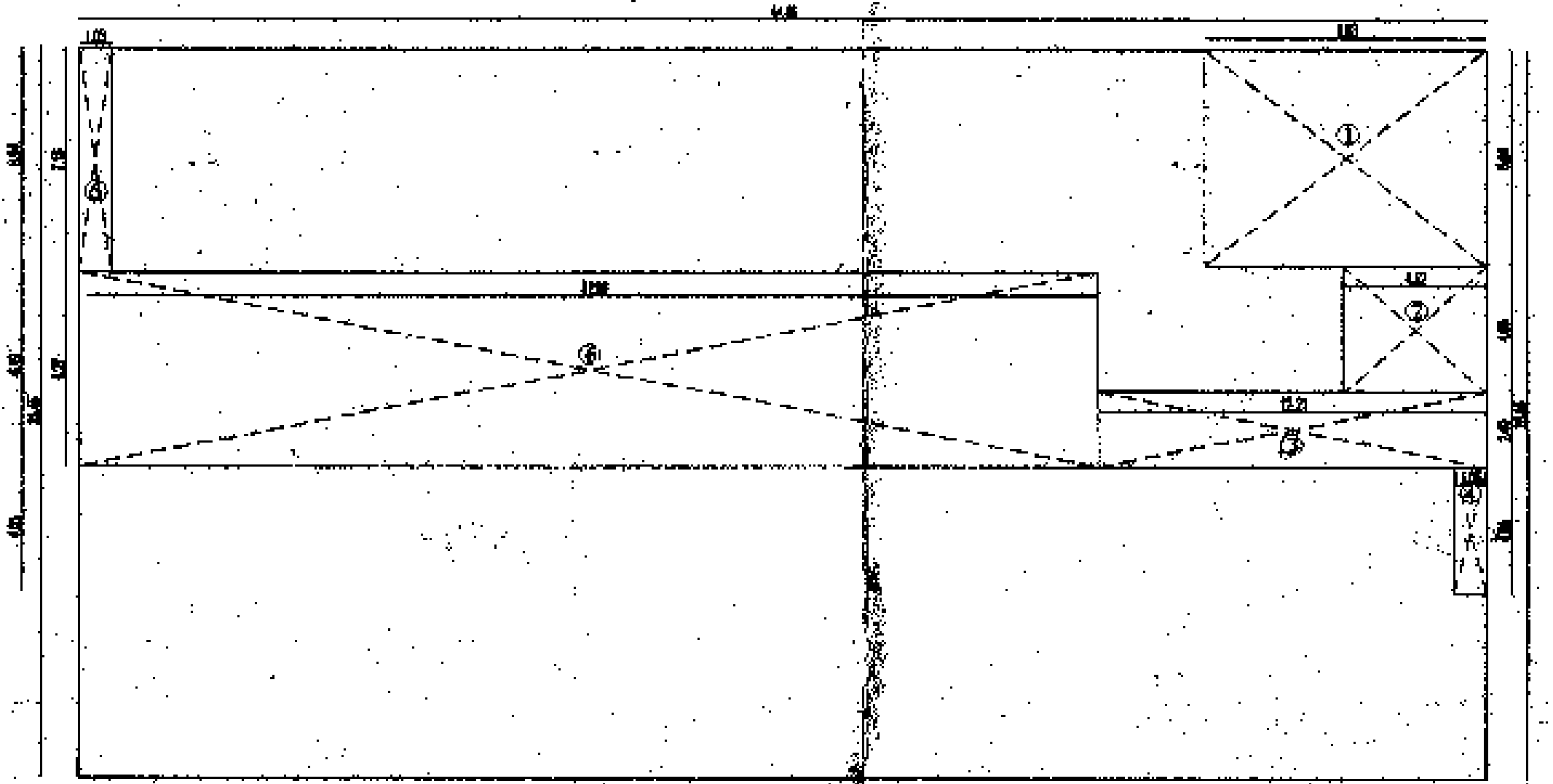
TOTAL DEDUCTION = 533.71 Sq.M

1190.89 - 533.71 = 657.18 Sq.M

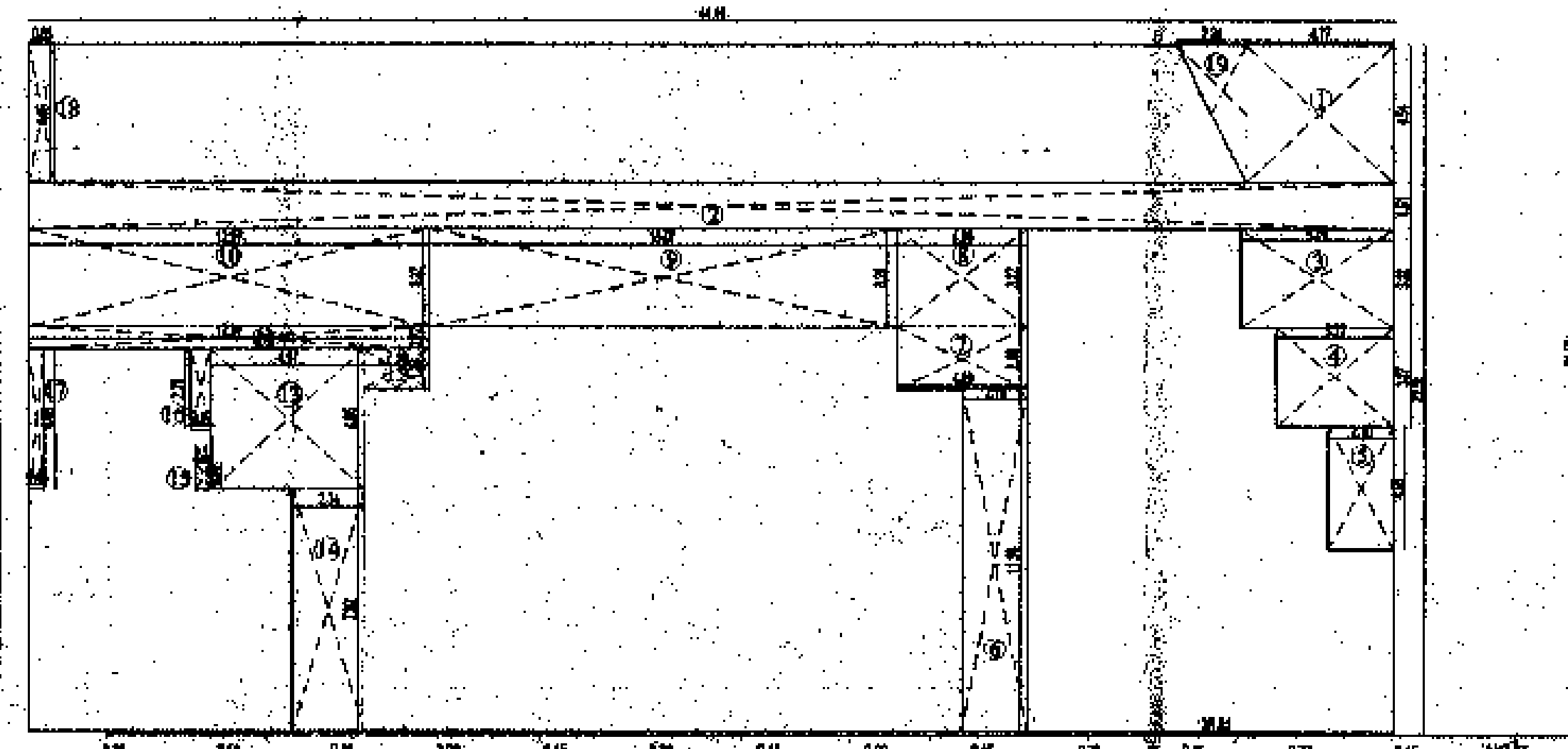
TOTAL B/U.P AREA OF SECOND TO FIFTH FL. = 657.18 X 4 = 2628.72 SQ.M.

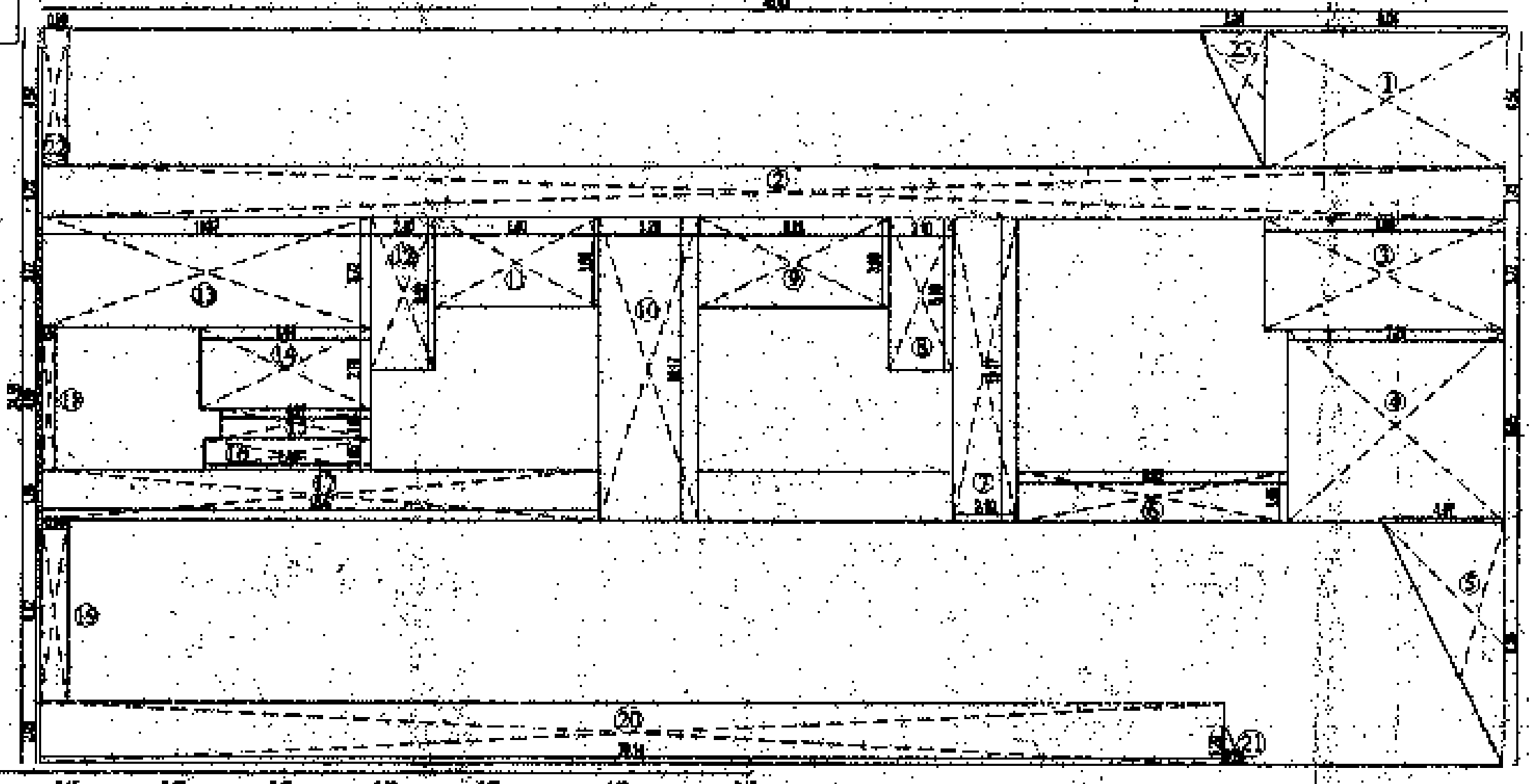


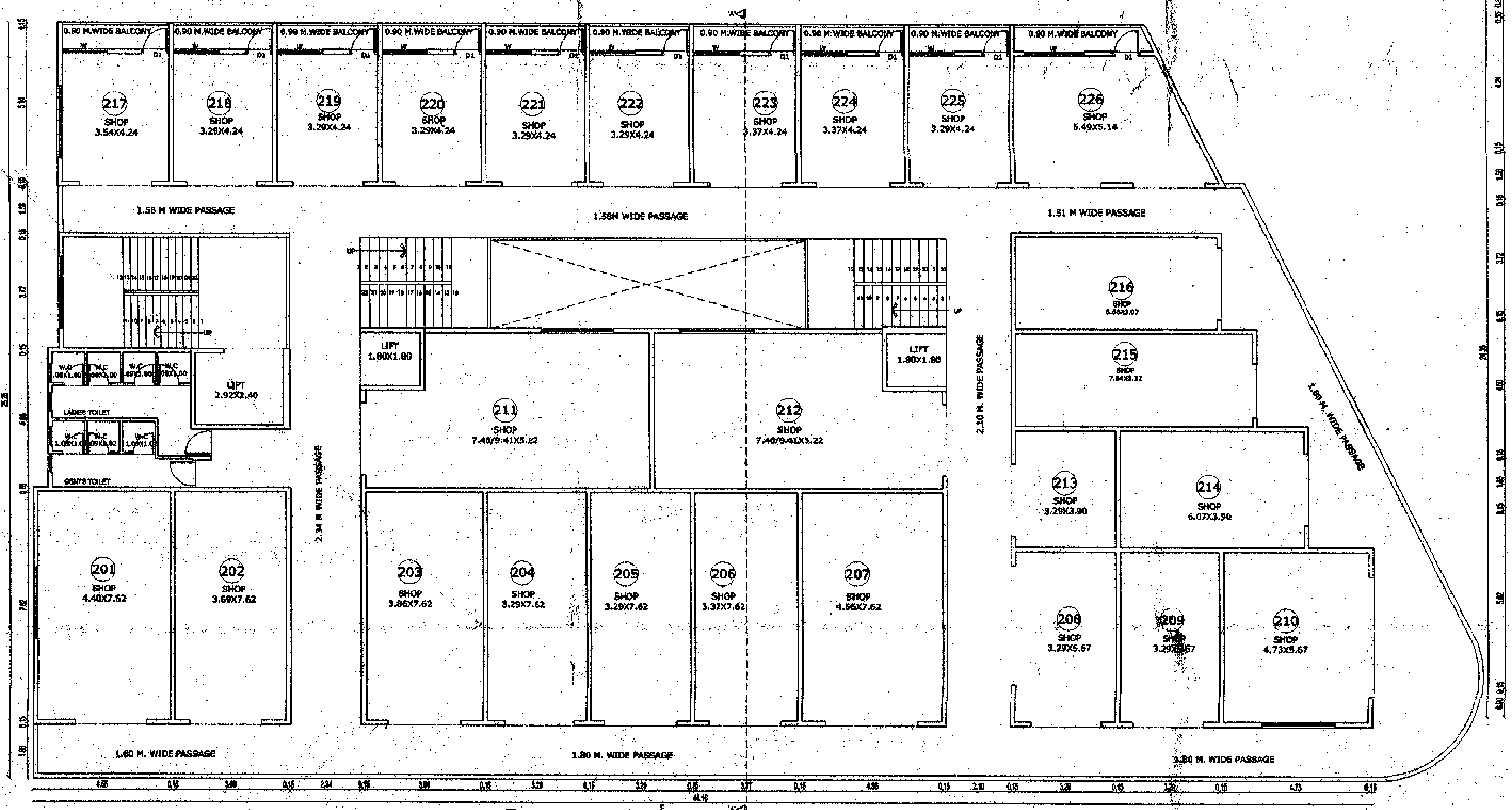
LOWER GROUND FLOOR PLAN



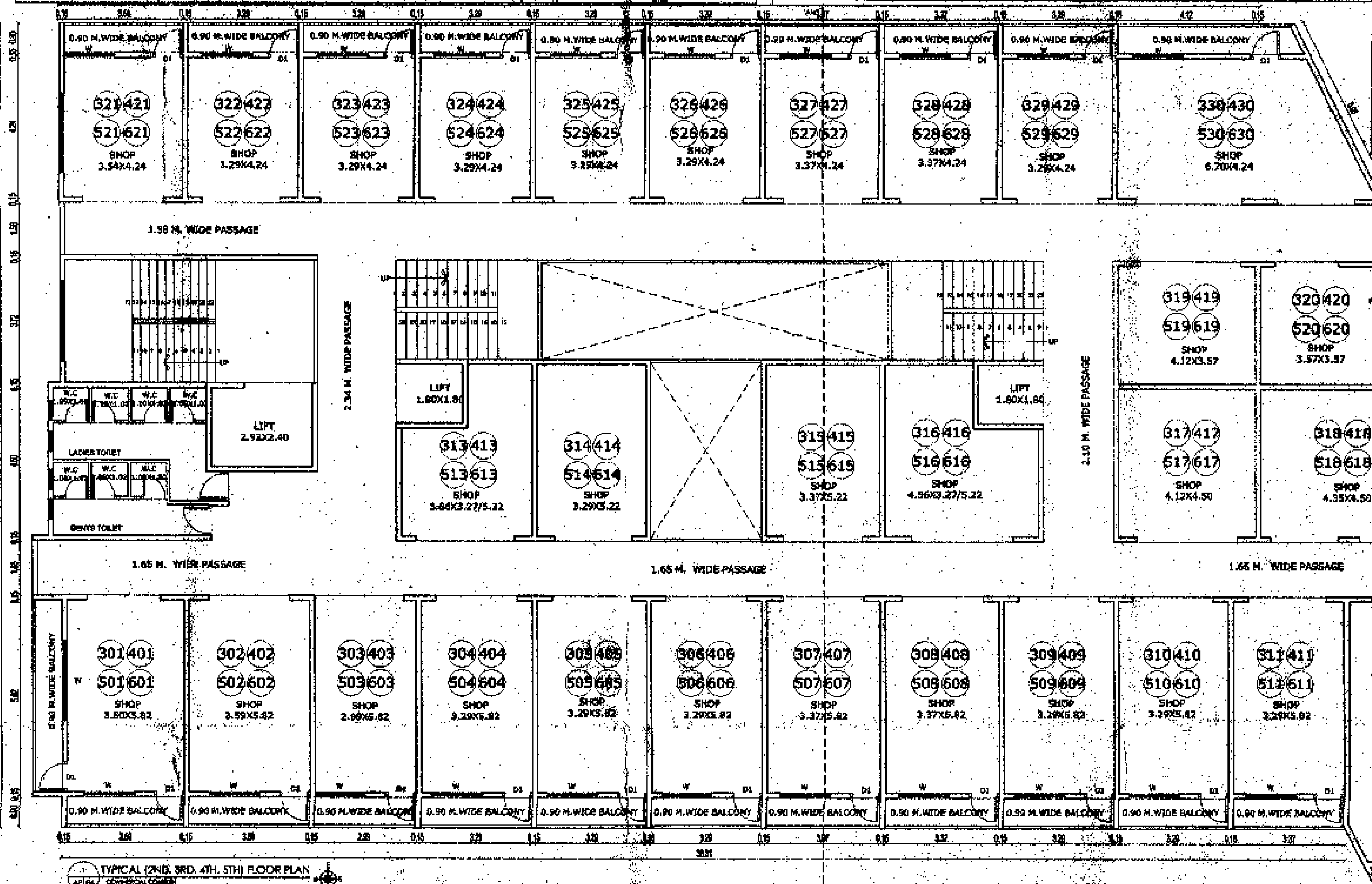
UPPER GROUND FLOOR PLAN







FIRST FLOOR PLAN
COMMERCIAL COMPLEX

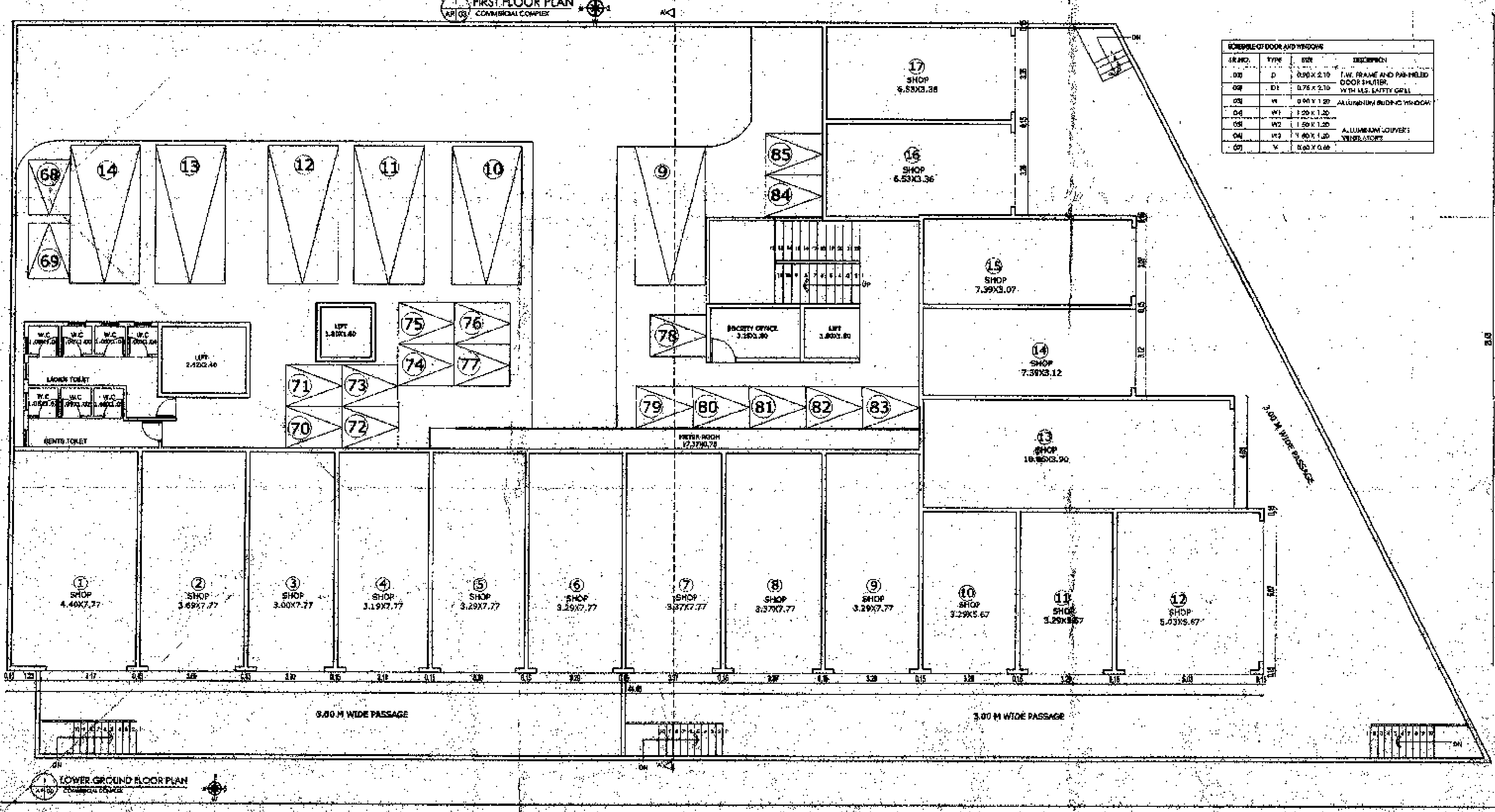


TYPICAL (2ND, 3RD, 4TH, 5TH) FLOOR PLAN
COMMERCIAL COMPLEX

BALCONY AREA STATEMENT

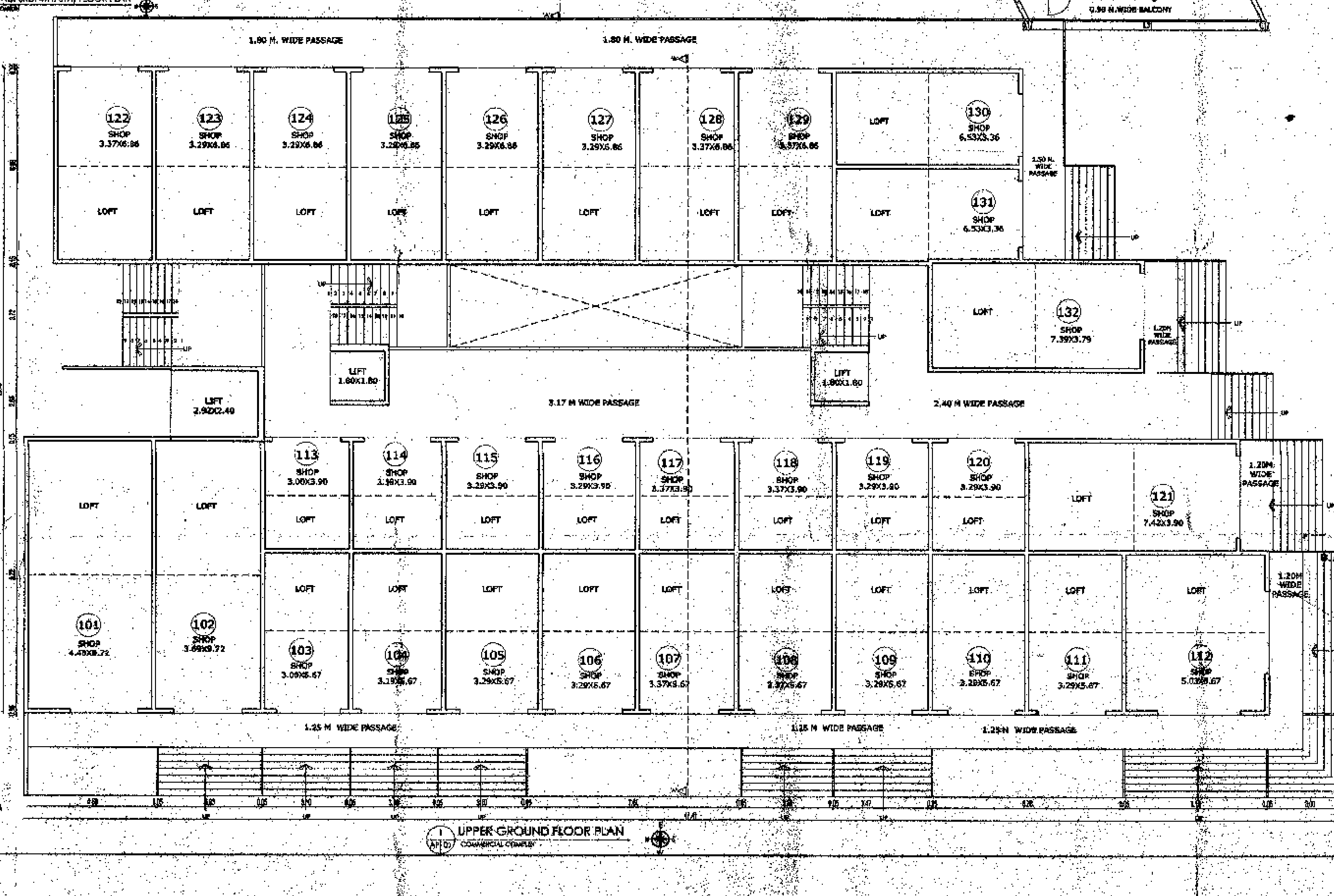
DESCRIPTION	AREA	PERMISSIBLE BAL. AREA(15%)	PROPOSED BALCONY LENGTH	PROPOSED BALCONY AREA	EXCESS AREA
FIRST FLOOR	667.60	100.14	[illegible]	[illegible]	NIL
SECOND TO FIFTH	637.73	95.65	[illegible]	[illegible]	NIL

AREA STATEMENT	
LOWER GROUND FLOOR AREA	526.81 SQ.MT
UPPER GROUND FLOOR AREA	721.39 SQ.MT
FIRST FLOOR AREA	667.60 SQ.MT
SECOND FLOOR AREA	637.73 SQ.MT
THIRD FLOOR AREA	637.73 SQ.MT
FOURTH FLOOR AREA	637.73 SQ.MT
FIFTH FLOOR AREA	637.73 SQ.MT
EXCESS AREA FOR BALCONY	NIL
LIFT AREA	14.61
PASSAGE AREA FIRST TO FIFTH FLOOR	674.77
TOTAL AREA	5156.10SQ.MT



SCHEDULE OF DOOR AND WINDOWS			
SR.NO.	TYPE	SIZE	DESCRIPTION
01	D	0.90 X 2.10	T.W. FRAME AND PANNELED DOOR SHUTTER. WITH M.S. SAFETY GRILL
02	D1	0.75 X 2.10	
03	W	0.90 X 1.20	ALUMINIUM SLIDING WINDOW
04	W1	1.50 X 1.20	
05	W2	1.50 X 1.20	ALUMINIUM LOUVERS VENTILATORS
06	W3	1.60 X 1.20	
07	V	0.60 X 0.60	

LOWER GROUND FLOOR PLAN
COMMERCIAL COMPLEX



UPPER GROUND FLOOR PLAN
COMMERCIAL COMPLEX

1/2

मु. मा. बांधकाम परवानगी जा. क्र.
जावक क्रमांक ७६५
दिनांक ०३/०८/२०१७
अन्वये मंजूर

मनमाड नगर परिषद जि. नाशिक

सहाय्यक नगर रचनाकार
मनमाड नगर परिषद, मनमाड

मुख्याधिकारी
मनमाड नगर परिषद

PROFORMA I	
A. AREA STATEMENT	
1. AREA OF PLOT	3750.00
2. DEDUCTION FOR :	
(a) Road acquisition area	---
(b) Proposed road	---
(c) any reservation	---
Total (a+b+c)	---
3. Net gross area of plot (1-2) (as on site)	3750.00
4. Deduction for :	
(a) Recreation ground as per rule no 11.2.1	---
(b) Internal roads total (a+b)	---
5. Net area of plot (3-4)	3750.00
6. Addition for FSI. (total built-up area) purpose	---
7. Total area (5+6)	3750.00
8. Total F.S. permissible	1.40
9. Permissible Total floor area (7x8)	5250.00
10. Existing floor area	NIL
11. Proposed area	5156.10
12. Excess balcony area taken in total floor area calculation (as per B(c) below)	NIL
13. Total built-up area proposed (10+11+12)	5156.10
14. Total built-up area considered (13/7)	---
B. BALCONY AREA STATEMENT (SHOWN IN ALL SHEETS)	
(a) Permissible balcony area per floor	AS SHOWN
(b) Proposed balcony area per floor	AS SHOWN
(c) Excess balcony area (total)	AS SHOWN
C. TENEMENT STATEMENT	
(a) Net area of plot item (7) above	3750.00
(b) Less : deduction of non-residential area (shops etc.)	NIL
(c) Area of tenements (a-b)	1.14
(d) Tenements permissible (as per 60/ 80/100 per acre) 150/200/250 per Ha.	
(e) Tenements proposed	160
D. PARKING STATEMENT	
(a) Parking required by rule	AS SHOWN
(b) Garages permissible	-
(c) Garages proposed	-
(d) Total parking provided	AS SHOWN

CERTIFICATE OF AREA

Certified that the plot under reference was surveyed by me on 20/07/14 and the dimensions of sides etc. of plot stated on plan are as measured on site and the area so worked out tallies with the area stated in document of ownership / T.P. / etc.

Signature of Architect

OWNERS CONFIRMATION :

I CONFIRM THE ABOVE STATEMENT AND SHALL BE RESPONSIBLE FOR THE EXECUTION OF THE WORK AS PER SANCTIONED PLAN IN ALL RESPECTS.

SIGNATURE OF OWNER

OWNER
BAIGANESH BUILDCON

(Dhiraj) . Wahunj
B.ARCH - CA / 2006 / 3[illegible]
Authorised Signatory

Er. Ganesh B. Kawale
Structural Engineer

ARCHITECT

TITLE

PROP. COMMERCIAL BUILDING ON P. NO.
IN G.NO.4/1 AT MANMAD
TAL.NANDGAON

FOR- BAIGANESH BUILDCON

NOTE :
UNLESS OTHERWISE SPECIFIED ; DIMENSIONS ARE IN METERS
WRITTEN DIMENSIONS TO BE FOLLOWED RATHER THAN SCALING THE DRAWING.

DRAWN BY	TEJASHREE	DWG.NO.	133
CHKD. BY	[illegible]	SHT.NO.	01
DATE	30-06-17	SCALE	1:100

FILE PATH: [illegible]

ARCHITECTS
ARJUNRAJ WALUNJ
ABHIJIT WALUNJ

office no 608, business south, govind nagar, nashik-422009
email: [illegible]@gmail.com