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PROPOSED COMMERCIAL (B+L.G+U.G+7)

PROPOSED COMMERCIAL (B+L.G+U.G+8)

ATRIUM OPEN TO SKY

BEUR JAIL ROAD

SEWER LINE

SEPTIC TANK

OPEN PARKING

OPEN PARKING

1,00,000 LTRS

NEW BYE PASS

ANISHABAD

N

64.32 58.22 4.72 38.90 6.10 45.52 52.58 28.29 55.73 53.17 35.88 30.00 32.90 37.21 41.78 7.62 7.66 4.57

SITE PLAN
SCALE - 1:100

PLAN OF SEPTIC TANK & SOAK PIT

SECTION Z-Z

SECTION A-A

SET OF PILE FOUNDATION

SET OF PILES

WEST SIDE RAIN WATER CHANNEL SECTION

RAIN WATER PIT TO RECHARGE TUBE

Plan of S.W.Sea Water Percolation System To Sub-Soil WATER HARVESTING PLANT

PARKING CALCULATION

FOR COMMERCIAL
TOTAL B/U AREA = 12068.84sqm
PARKING AREA REQUIRED (TABLE NO-19, S.No-1)@ 30 % = 3620.65 Sqm.
CAR PARKING AREA PROVIDED AT COVERED BASEMENT
= (56.04X39.43) - (Basement Gl. B/U Area)
= 2209.65 - 35.49 = 2174.16
CAR PARKING AREA PROVIDED AT L.GROUND
= (56.04X39.43) - (L.GROUND B/U Area)
= 2209.65 - 584.21 = 1625.44
TOTAL PARKING PROVIDED = 3799.60 sqm.

WATER TANK CALCULATION

FOR COMMERCIAL
TOTAL BUILT UP AREA= 12068.84sqm
TOTAL CARPET AREA = 12068.84 X 70% = 8604.42 Sqmt.
ASSUME 10 sqm CARPET AREA = 1 PERSON
HENCE 8034.42sqm. CARPET AREA =803 PERSON
ASSUME 50 LTR. WATER CONSUMPTION/PERSON/DAY
TOTAL WATER REQUIRED = 50 X 803
= 40150 LTR+20%EXTRA = 48180 Ltr.
= 48180 LTR. + 10,000 LTR (FOR FIRE FIGHTING) = 58180
TOTAL WATER REQUIRED = 46.18cum.
TOTAL SIZE OF WATER TANK PROVIDED
1) 4.7(L) X 4.6 (B) X 3.0 (D) = 21.10cum
2) 6.7(L) X 3.7 (B) X 1.0 (D) = 25.25 cum
= 21.10 +25.25 = 46.35 Cum.

SEPTIC TANK CALCULATION

FOR COMMERCIAL
TOTAL BUILT UP AREA= 12068.84sqm
TOTAL CARPET AREA = 12068.84 X 70% = 8604.42 Sqmt.
ASSUME 10 sqm CARPET AREA= 1 PERSON
HENCE 8034.42sqm. CARPET AREA =803 PERSON
CAPACITY OF SEPTIC TANK REQUIREMENT @ 0.085 cum./ PERSON
TOTAL NO OF PERSON REQUIRED = 803 X 0.085
= 61.28 Cum. + 20% EXTRA = 81.90Cum.
TOTAL SIZE REQUIRED FOR SEPTIC TANK
= 81.90 Cum.
PROVIDED SIZE OF SEPTIC TANK
= 7.00 X 4.00X2.50 = 70.00 Cm.

WATER HARVESTING CALCULATION

TOTAL PLOT AREA = 3457.31 Sqm.
RECHARGE PIT CAPACITY @ 6 Cum. FOR 100 Sqmt.
SO, 3506.19 Sqmt. REQUIRED RECHARGE PIT AREA
= 35.06 X 6 = 210.36 Cumt.
RECHARGE PIT SIZE PROVIDED
= 10.00X7.00X3.00= 210 Cumt.

SPECIFICATION

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL LEV.	LIN. LEV.	REMARK
D	1.00	2.10	0.00	2.10	PLY PANEL DOOR
D1	0.90	2.10	0.00	2.10	PLY PANEL DOOR
D2	0.80	2.10	0.00	2.10	DO
D3	0.75	2.10	0.00	2.10	DO
W	1.50	1.50	0.90	2.40	ALUMINIUM SLIDING WINDOW
W1	1.00	1.50	0.90	2.40	DO
W2	0.90	1.50	0.90	2.40	FULLY GLAZED WINDOW
W3	0.60	0.60	1.50	2.10	DO

FIRE LEGEND:-

1	UNDER GROUND WATER TANK OF 1,00,000 LTRS. CAP.	UNDER GROUND
2	FIRE RESISTANCE DOOR	FD
3	FIRE HYDRANT SYSTEM	H
4	HOSE REEL	H
5	MANUAL CALL ALARM POINT	M
6	FIRE EXTINGUISHER CO2 TYPE	F
7	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8	SEAMESE CONNECTION	SC
9	EMERGENCY LIGHTING SYSTEM	E
10	FIRE SPRINKLER	S
11	SMOKE DETECTOR	S D A

AREA CALCULATION

TOTAL PLOT AREA POSITION	5439.83 Sqmt.
TOTAL PLOT AREA POSITION	3737.82 Sqmt.
AREA LEFT FOR MASTER PLAN	280.51 Sqmt.
NET PLOT AREA POSITION	3457.31 Sqmt.
BASEMENT FLOOR B/U AREA	35.49 Sqmt.
L.GROUND FLOOR B/U AREA	584.21 Sqmt.
U.GROUND FLOOR B/U AREA	1471.66 Sqmt.
FIRST FLOOR B/U AREA	1268.31 Sqmt.
SECOND FLOOR B/U AREA	1268.31 Sqmt.
THIRD FLOOR B/U AREA	1364.56 Sqmt.
FOURTH FLOOR B/U AREA	1364.56 Sqmt.
FIFTH FLOOR B/U AREA	1364.56 Sqmt.
SIXTH FLOOR B/U AREA	1364.56 Sqmt.
SEVENTH FLOOR B/U AREA	1364.56 Sqmt.
EIGHTH FLOOR B/U AREA	616.67 Sqmt.
TOTAL B/U AREA	12068.84 Sqmt.

F.A.R. = 3.49

PROJECT :-
SYED MOORLUDDIN ASHRAF,
S/O -S.AZIZUDDIN ASHRAF,
S. PLOT NO. - 331(P) , KHATA NO. 285 , TIJARA NO.17
TAUZI NO. - 5281, TIJARA. - BEUR,
MAUZA - CHITKOHRA , DIST. - PATNA

SIGNATURE OF ARCH. ENGG.

SIGNATURE OF OWNER

SIGNATURE OF STR. ENGG.

KEY PLAN
SCALE - 1:2500

APPLICANT PLOT

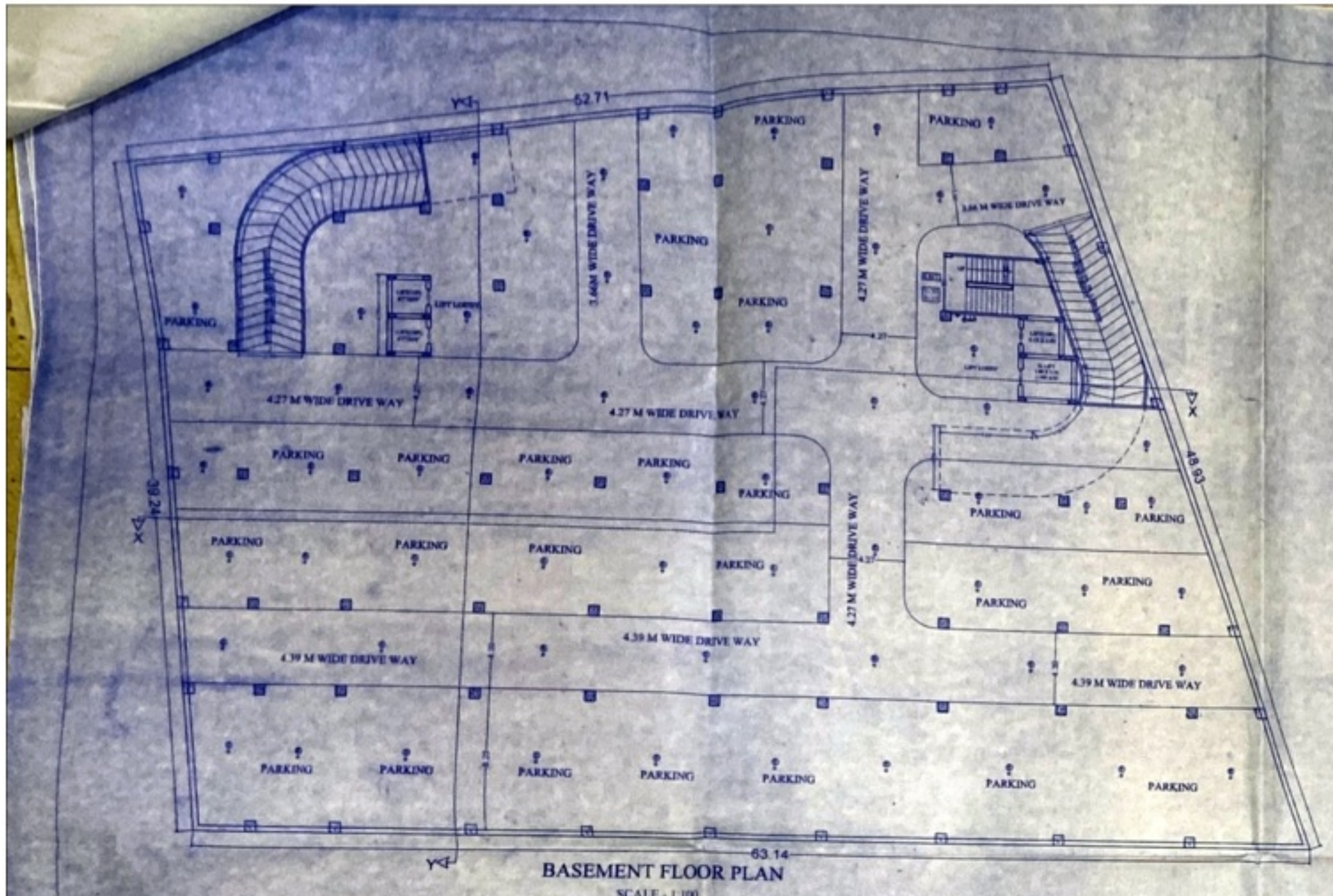
M WIDE ROAD

TO MITHAPUR BUS STAND

LOCATION PLAN
SCALE - NTS

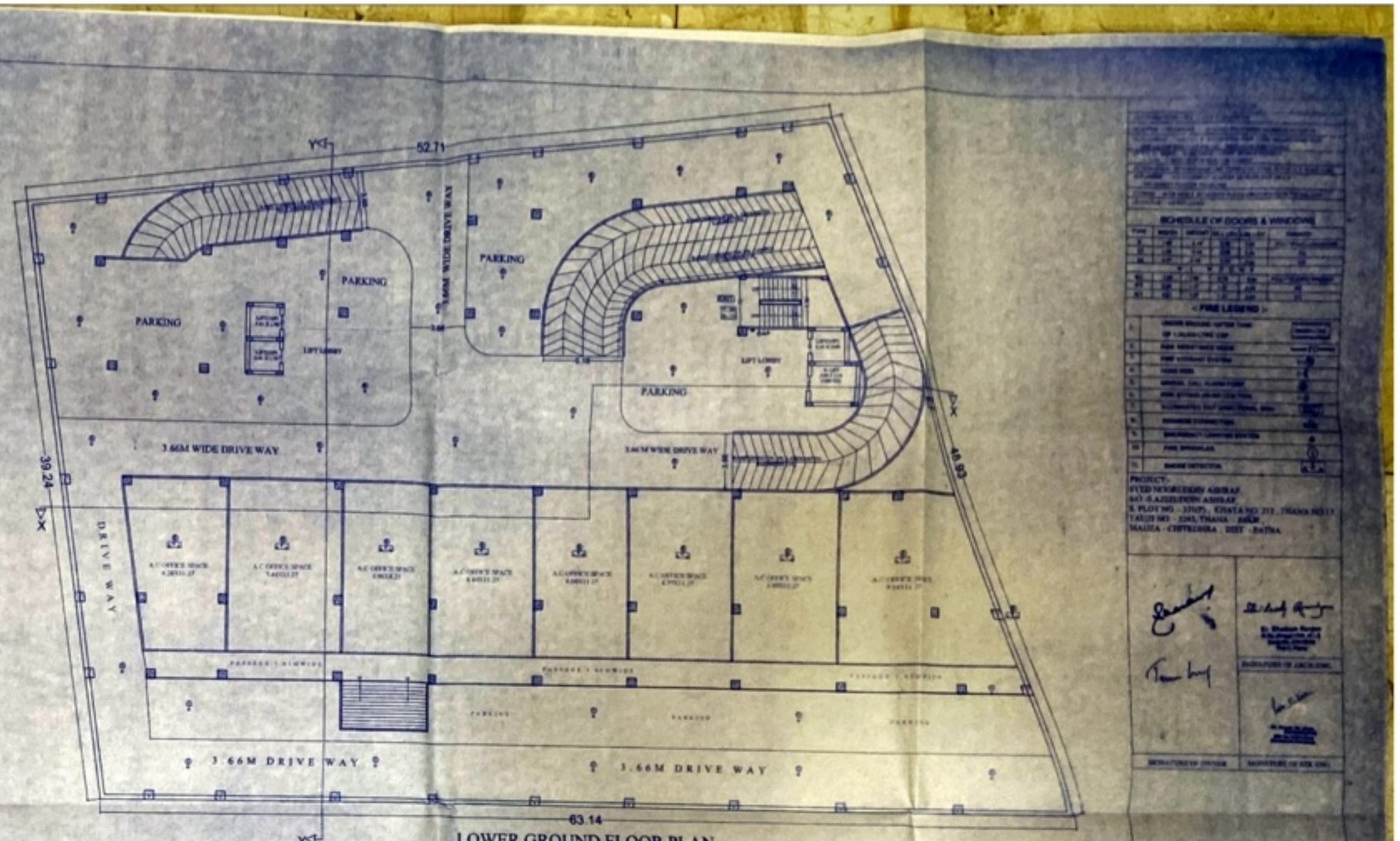
PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY, PATNA
Case No.
Sanction of Plan Accorded under Sec. 3(5), 3(8) & 3(7) of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna on
Date 15/04/14
SANCTION OF PLAN ACCORDED

01/05



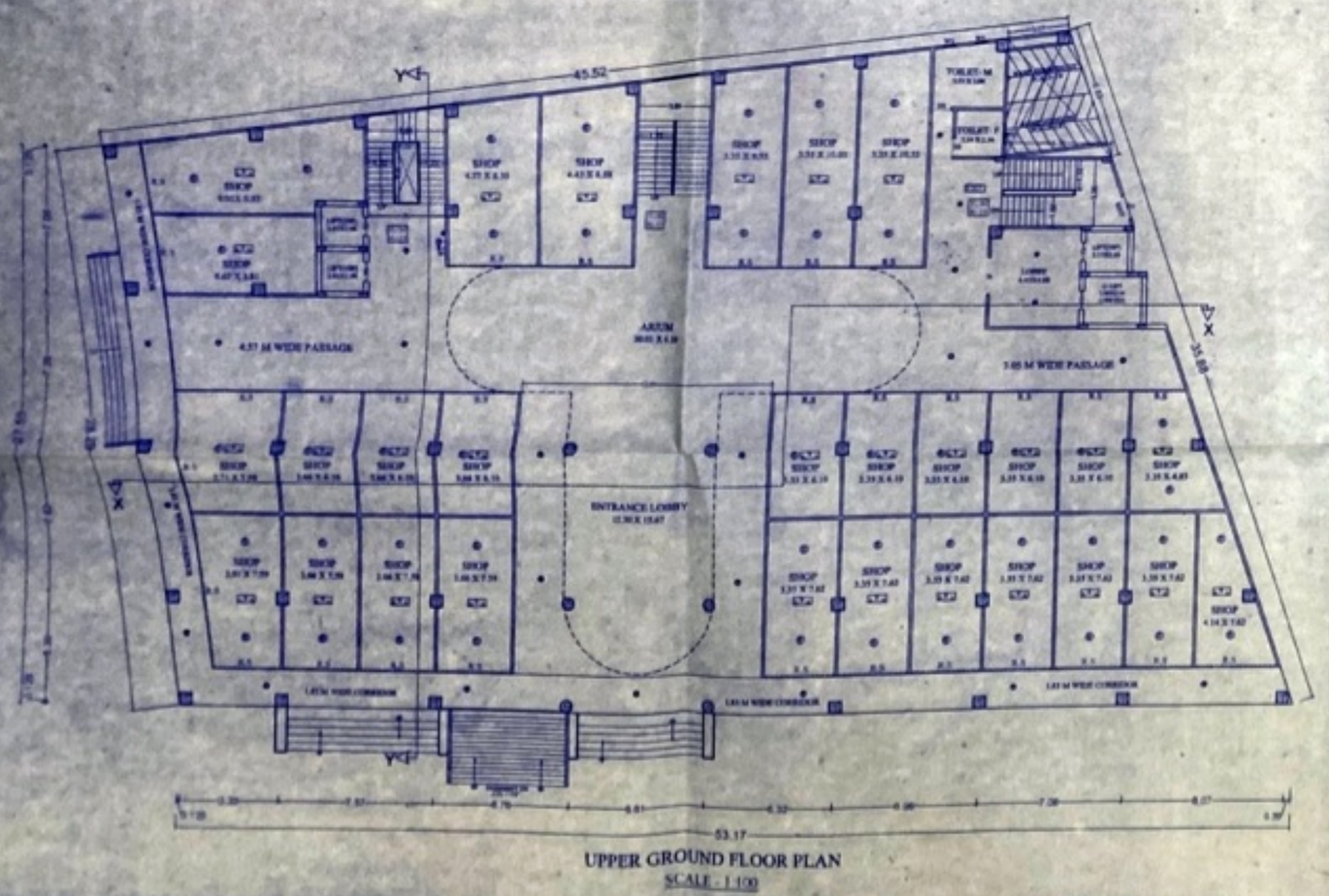
BASEMENT FLOOR PLAN

SCALE - 1:100



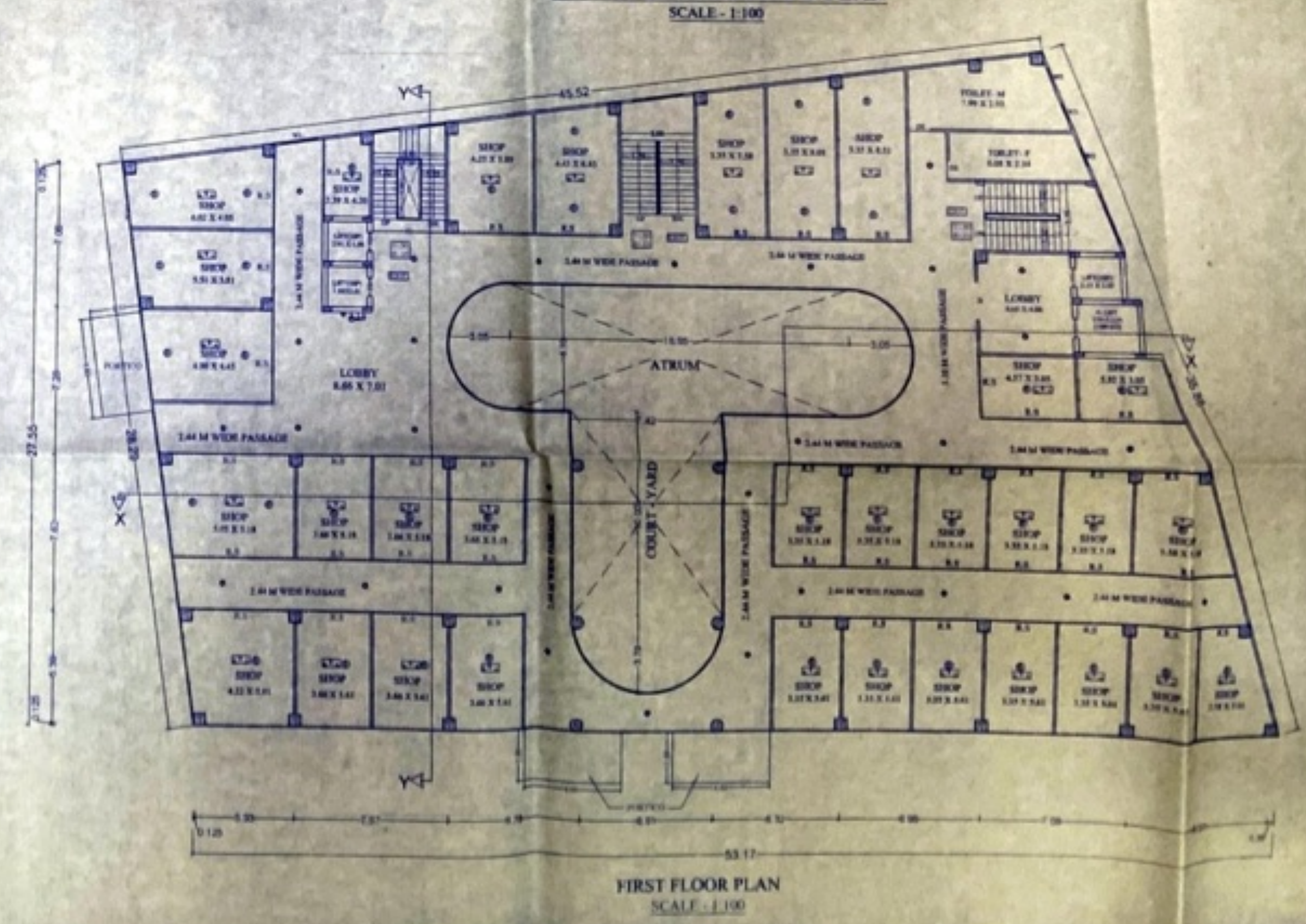
LOWER GROUND FLOOR PLAN

SCALE - 1:100



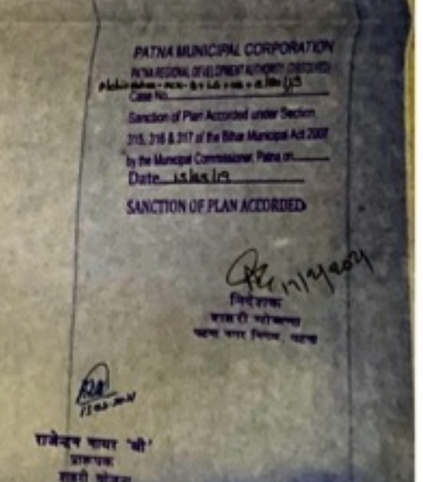
UPPER GROUND FLOOR PLAN

SCALE - 1:100

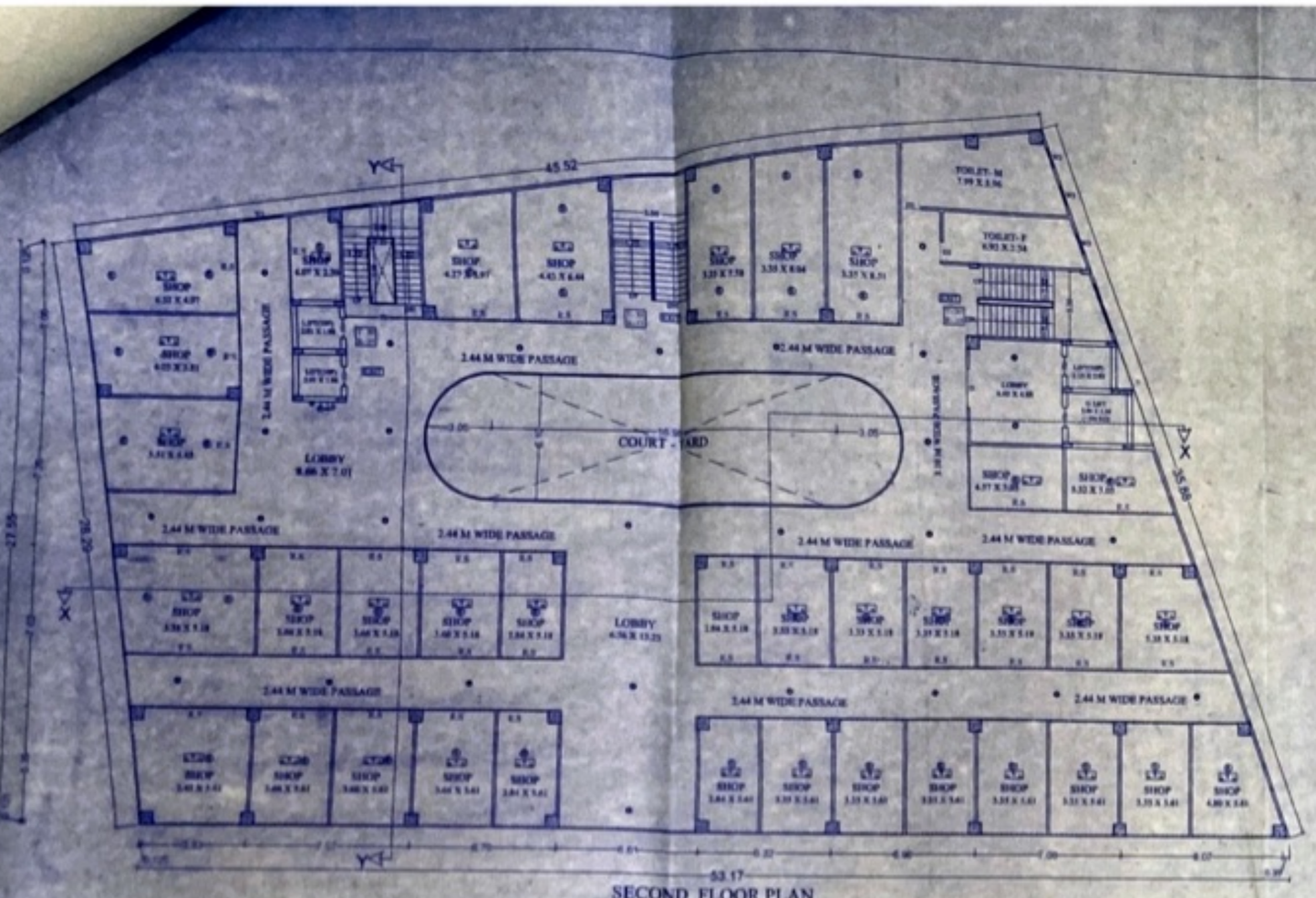


FIRST FLOOR PLAN

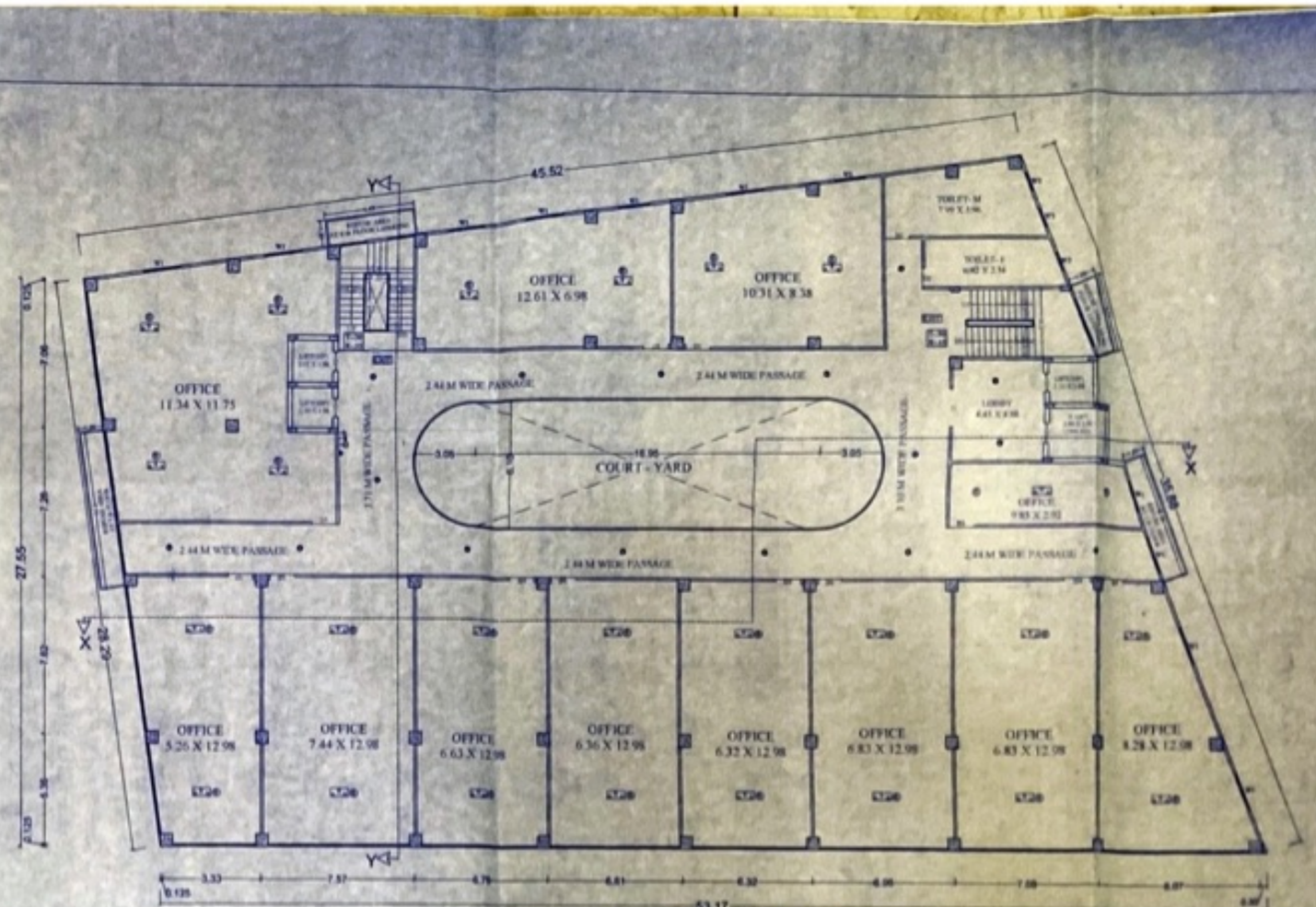
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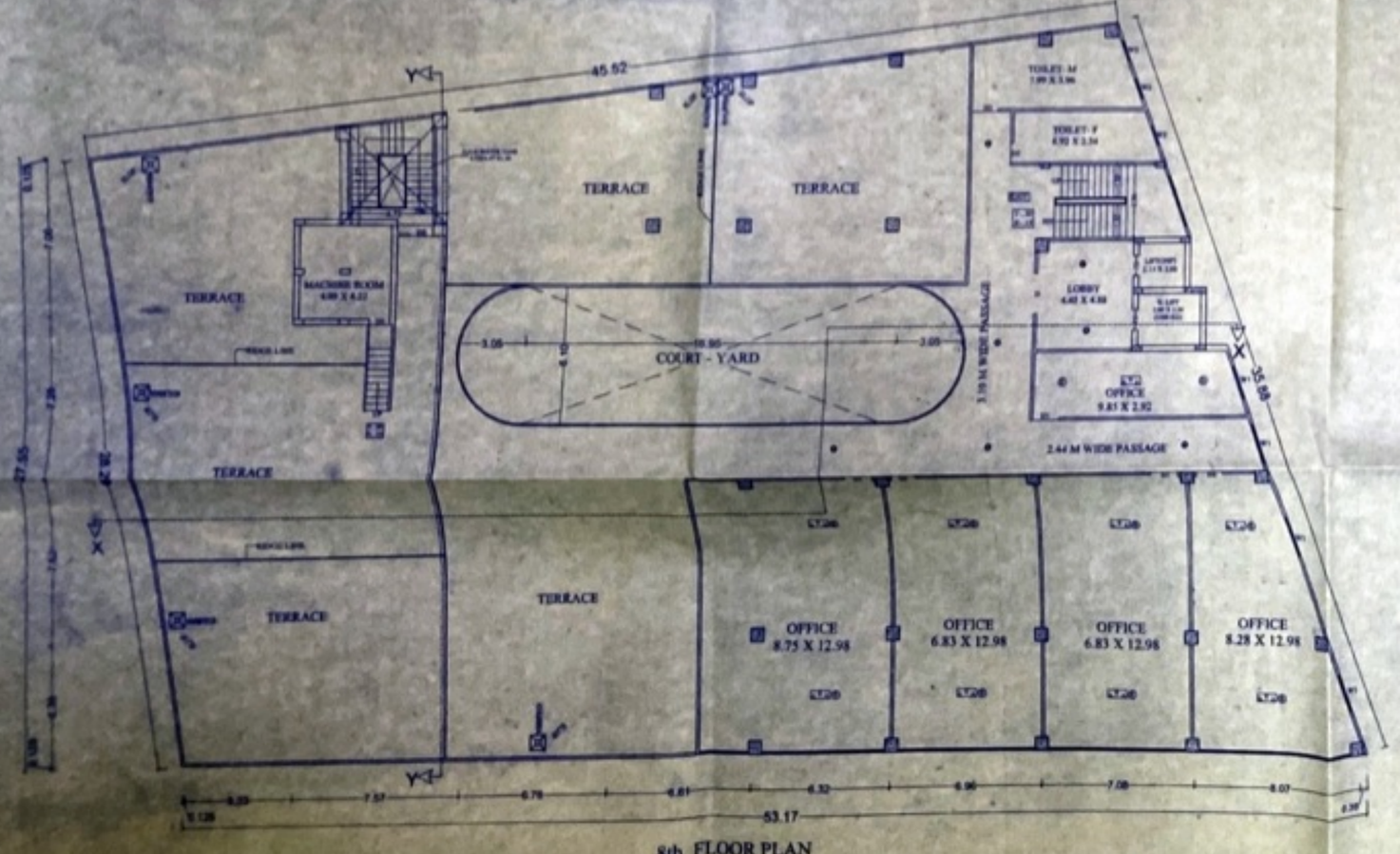
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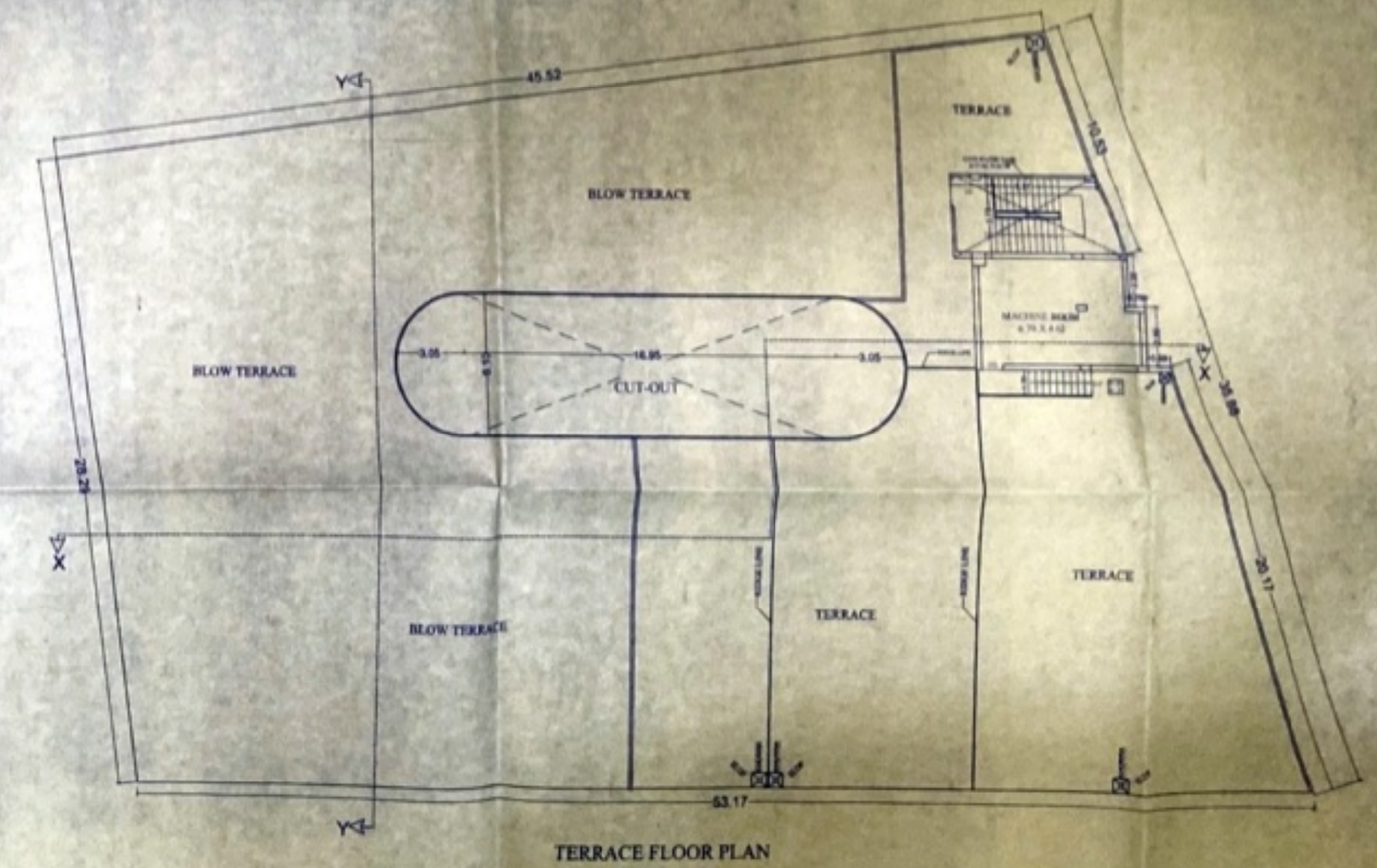
SECOND FLOOR PLAN
SCALE - 1:100



3rd TO 7th FLOOR PLAN
SCALE - 1:100



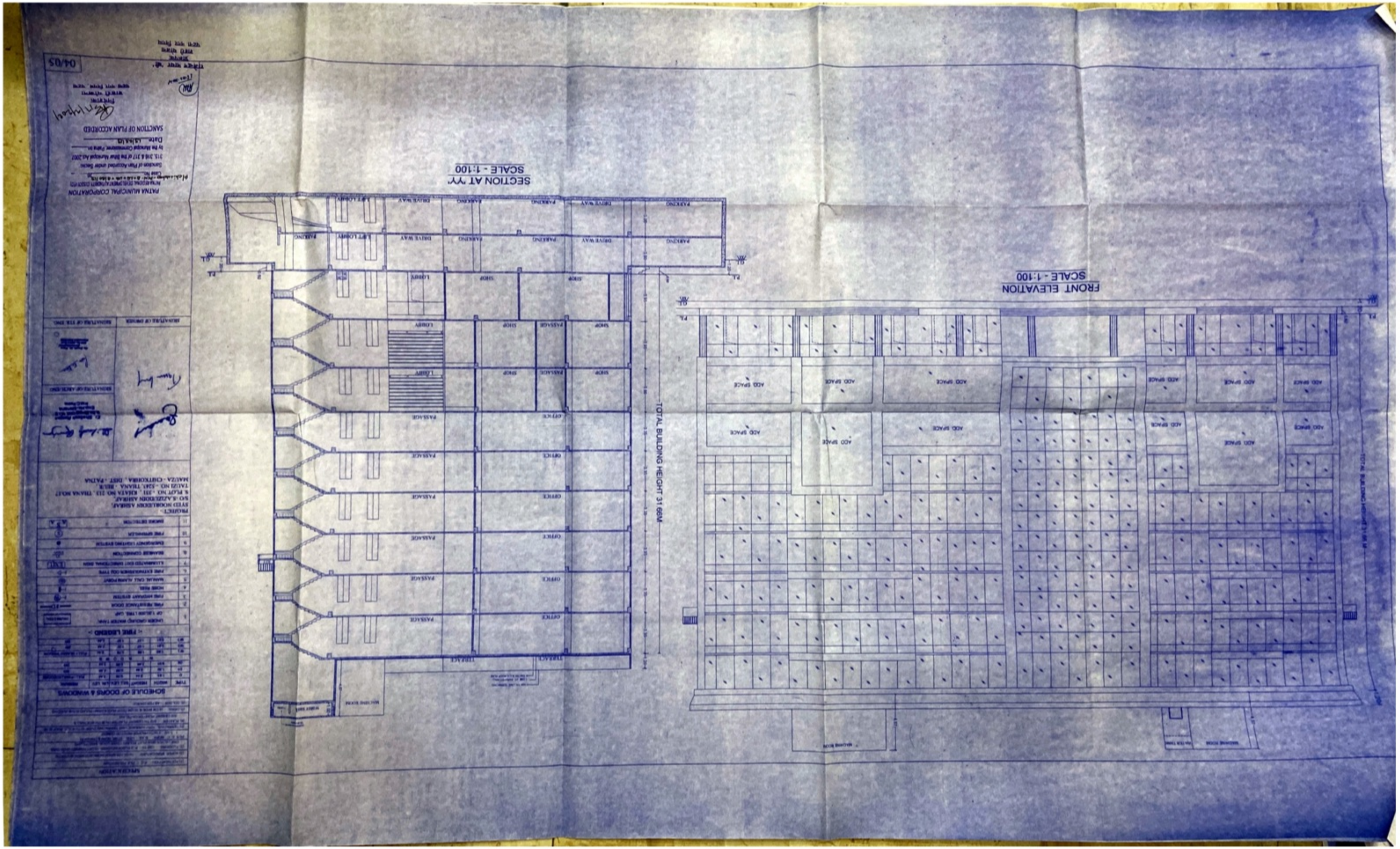
8th FLOOR PLAN
SCALE - 1:100



TERRACE FLOOR PLAN
SCALE - 1:100



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SECTION AT 'XX'
SCALE - 1:100

SIDE ELEVATION
SCALE - 1:100

TOTAL BUILDING HEIGHT 31.66M

SCHEDULE OF DOORS & WINDOWS

< FIRE LEGEND >

SANCTION OF PLAN ACCORDED

PATNA MUNICIPAL CORPORATION