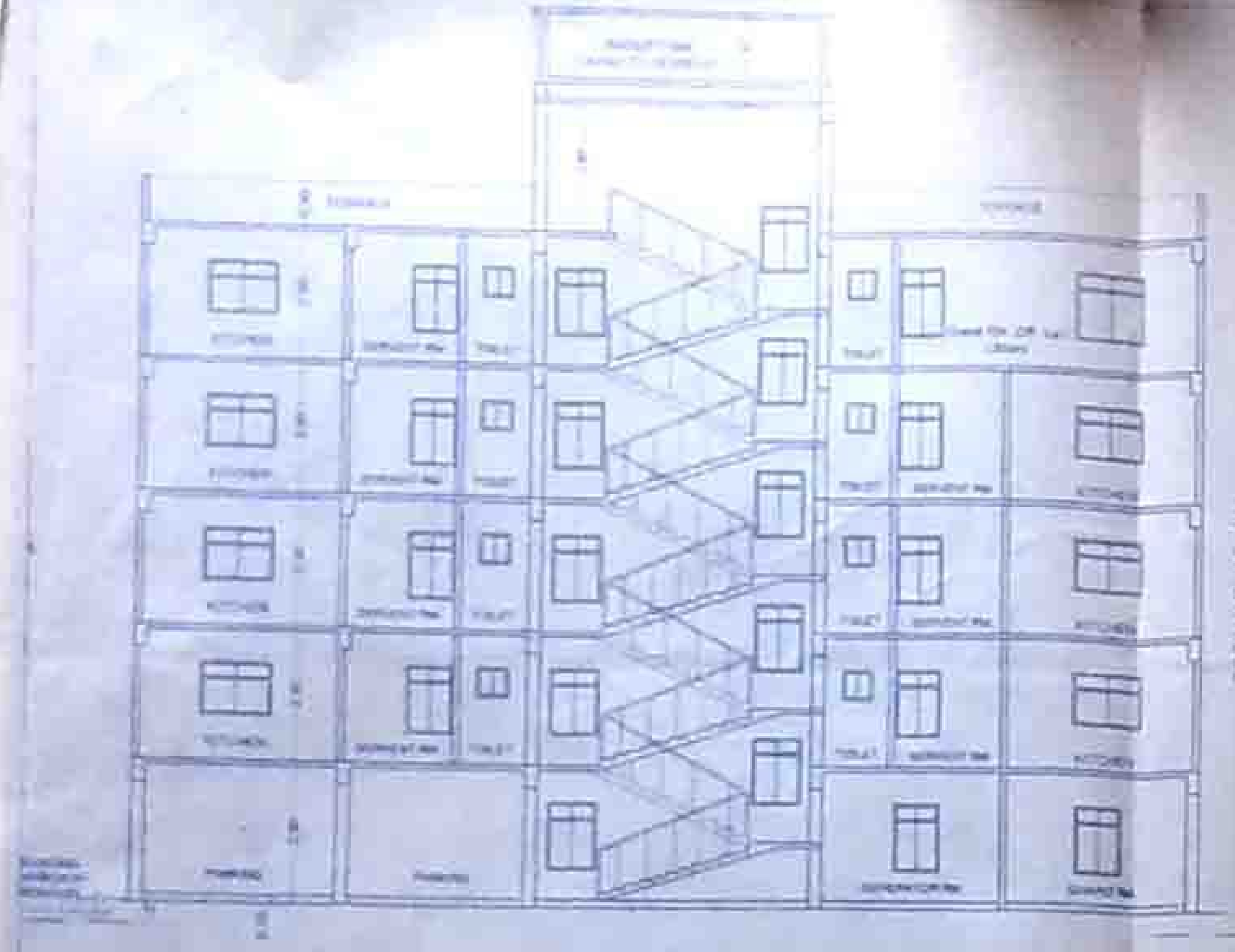
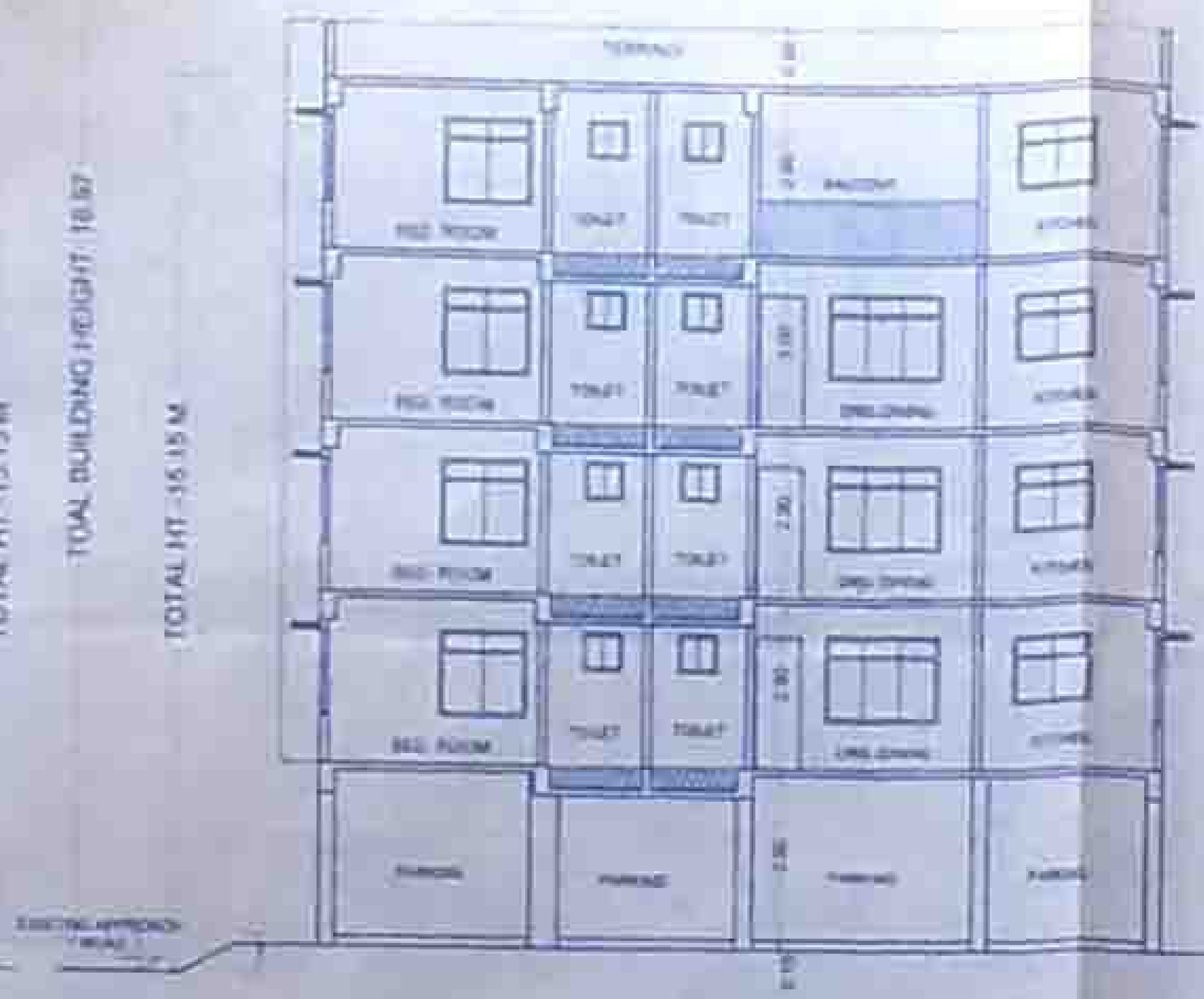
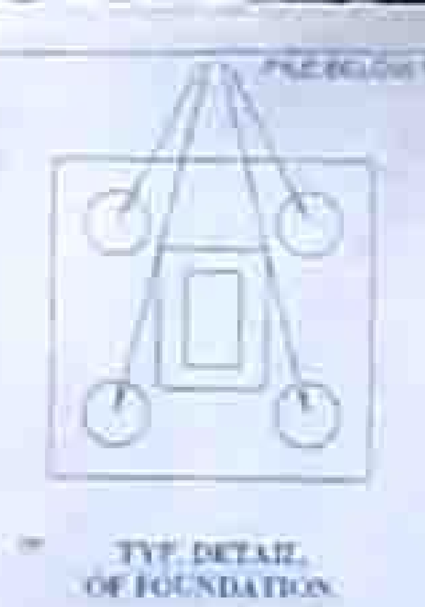


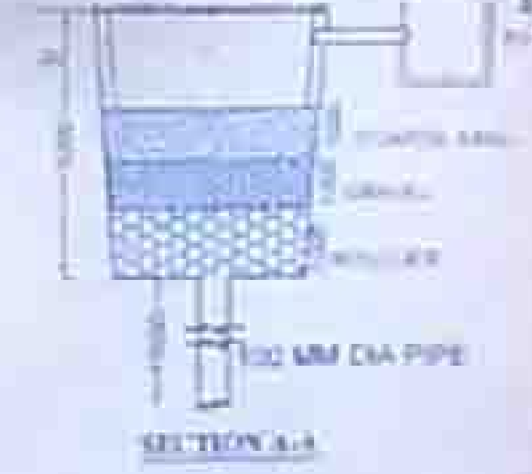
SECTION - X X



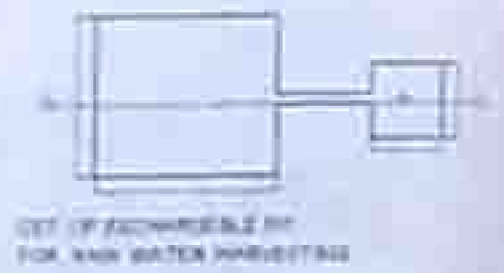
SECTION - Y Y



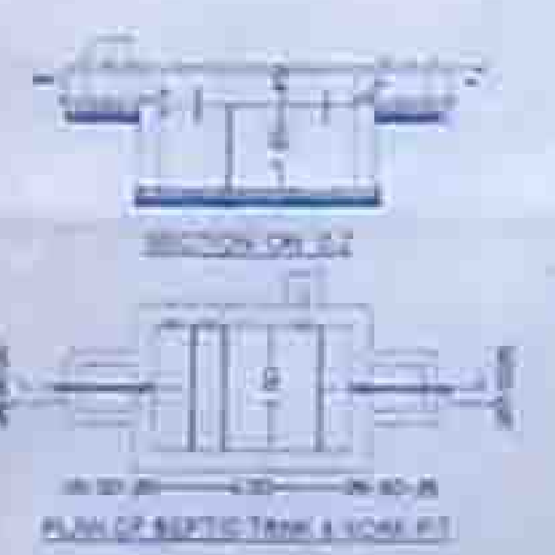
TYP. DETAIL OF FOUNDATION



SECTION A-A

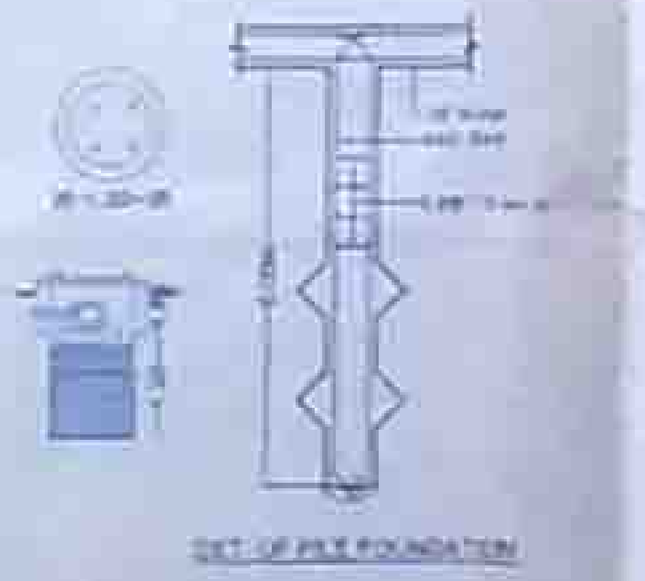


DET OF RECHARGEABLE PIT FOR RAIN WATER HARVESTING

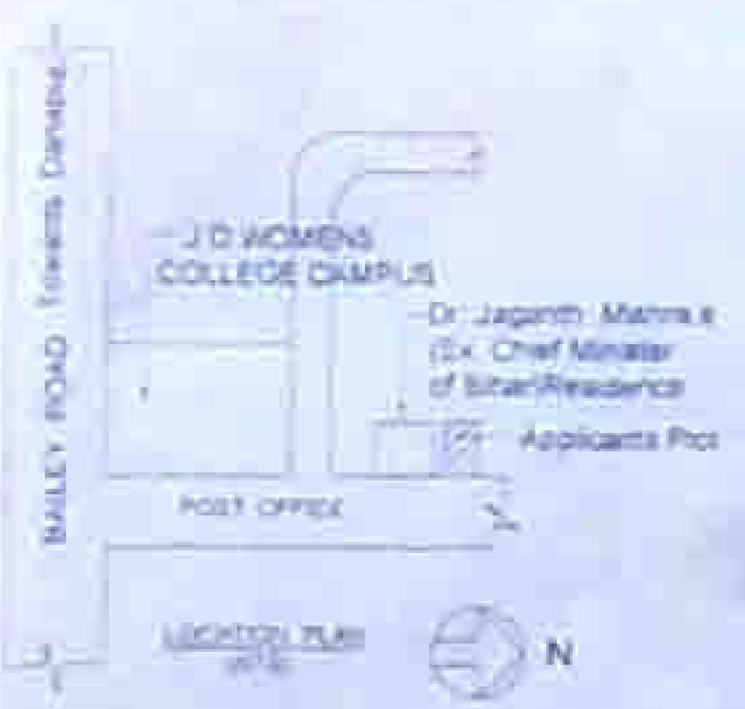


SECTION ON X-Z

PLAN OF SEPTIC TANK & SOAK PIT



DET. OF PILE FOUNDATION


BAILEY ROAD Towards Danapur
J D WOMENS COLLEGE CAMPUS
Dr. Jagnath Mishra's (Ex. Chief Minister of Bihar)Residence
Applicants Plot
POST OFFICE
N

LOCATION PLAN

TYPICAL DRAIN SECTION

1. UNDER GROUND WATER STATIC TANK 20,000 LTR. CAPACITY	
2. SEAMESE CONNECTION	
3. EMERGENCY LIGHT	
4. HOSE REEL	H
5. FIRE HYDRANT POINT	
6. FIRE RESISTANCE CHECK DOOR	F. Door
7. ILLUMINATED EXIT SIGN	EXIT
8. ISI MARKED F.E.	
9. SPRINKLER	S

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT = 8 NOS
EACH FLAT HAVING 5 PERSON = 8 X 5 = 40 PERSON
PER PERSON REQD. SEPTIC TANK AREA = 0.085 sq.m/day
40 X 0.085 = 3.4 sq.m. REQD.
PROVIDE AREA OF SEPTIC TANK
= 3.00X1.20X1.2 = 3.6 sq.m

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 8 NOS
EACH FLAT HAVING 5 PERSON = 8 X 5 = 40 PERSON
PER PERSON REQD. WATER = 135 ltrs/day = 40 X 135 = 5400 ltrs
And EXTRA WATER TANK FOR FIRE FIGHTING = 10000 LTR
TOTAL REQD. WATER TANK = 5400 ltrs + 10000 = 15,400 LTR
PROVIDE AREA OF WATER TANK SIZE
3.30X2.0X1.86 = 15.444 cu.m
PROVIDED WATER TANK = 15,500 LTR

PARKING CALCULATION

SINCE ALL THE FLATS ARE MORE THAN 60 SQM. CARPET AREA HENCE EACH FLATS WILL NEED ONE CAR PARKING AND ONE NO. OF SCOOTER PARKING TOTAL NOS OF FLATS IS EIGHT HENCE NO OF CAR PARKING REQUIRED = EIGHT NOS X AREA REQUIRED FOR CAR PARKING = 20X8=160 SQM
AREA REQUIRED = 10 X 3 = 30 SQM
TOTAL AREA REQUIRED = 160 + 30 = 190 SQM
PROVIDED 233.47 SQM

1. FOUNDATION - R.C.C. UNDER REAMED PILE FOUNDATION 8.5 M DEEP WITH R.C.C. AS STRUCTURAL ENGINEER
2. SUPER STRUCTURE - 1st CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTER 1:6
3. PLINTH - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION
4. FLOORING - 0.025M TH. P.S. FLOORING OVER 0.125M TH. DRY RAMMED KHOA OVER 0.075 M TH BRICK FLAT SOLING OVER SAND FILLING
5. ROOF - 0.10M TH AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB
6. DOORS - CHOWKHATS OF DOORS TO BE SAL WOOD
7. WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL
8. PLASTER - 0.12M TH. CEMENT PLASTER ON BOTH SIDE OF BRICK WORK
9. COLOURING - COLOUR OR WHITE WASH AS CHOICE

AREA STATEMENTS

TOTAL PLOT AREA =	604.79 SQM
PLOT AREA AS PER DEED-	526.29 SQM
EXTRA AREA IN POSSESSION =	78.50 SQM
GROUND FLOOR B/U	68.51 SQM
FIRST FLOOR B/U	301.98 SQM
SECOND FLOOR B/U -	301.98 SQM
THIRD FLOOR B/U -	301.98 SQM
FOURTH FLOOR B/U -	301.98 SQM
TOTAL FLOOR B/U AREA =	1276.43 SQM

F.A.R = 2.42
GROUND COVERAGE = 57.38 %

DEVELOPER :-

ARTECH CONSTRUCTION ENGINEERS PVT. LTD
001, FRIENDS VATIKA, GROUND FLOOR
HARISHANKER VERMA LANE
BORING PATLIPUTRA ROAD
PATNA- 800013
PH- 0612 - 2268325

OWNER :-

PROPOSED RESIDENTIAL COMPLEX FOR DR. ABHIMANU SINGH (I.A.S. Retd.) ON PLOT NO-143(P), KHATA NO-31, MAUZA- SHEIKHPURA THANA NO-9, DISTT- PATNA

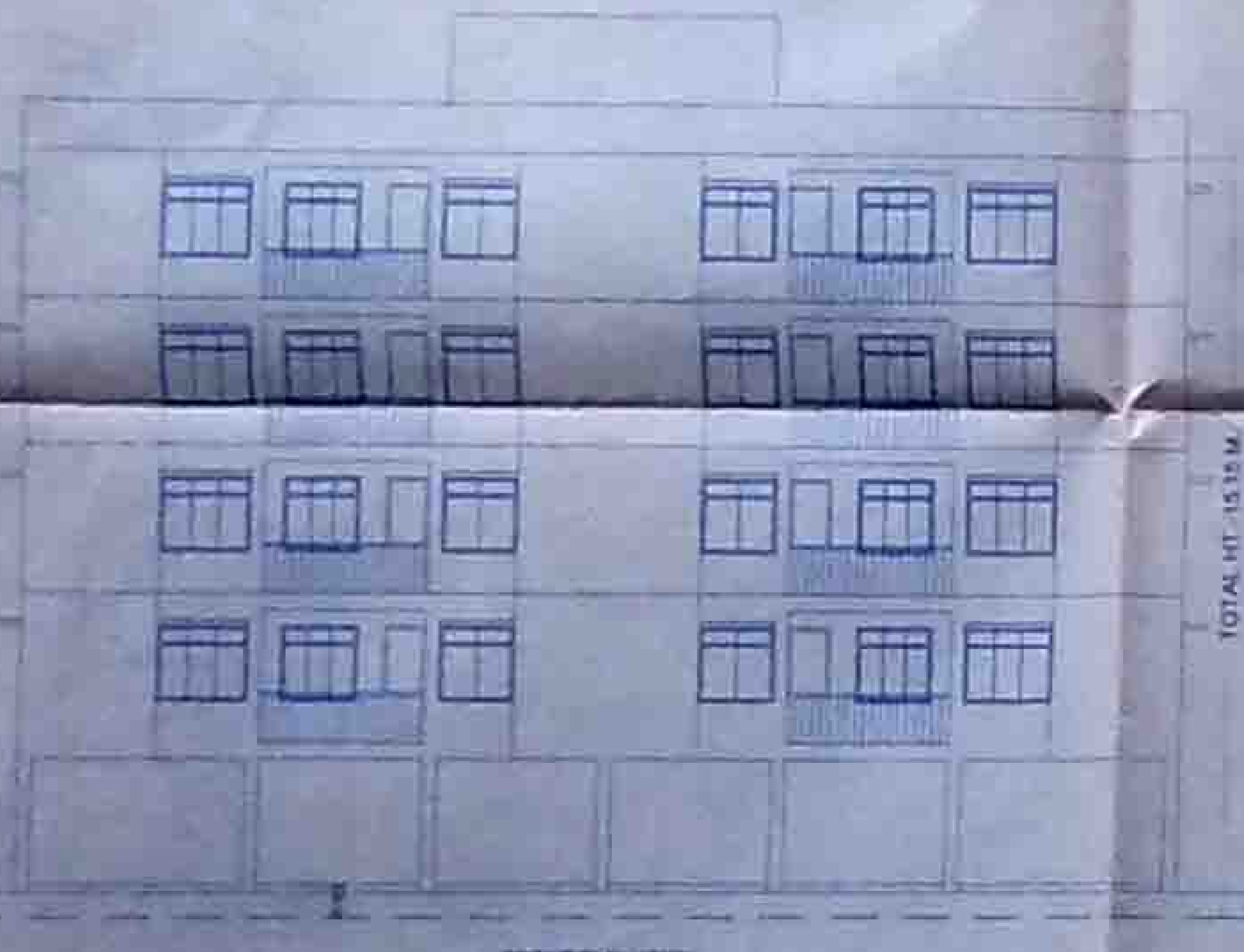
1:100

N

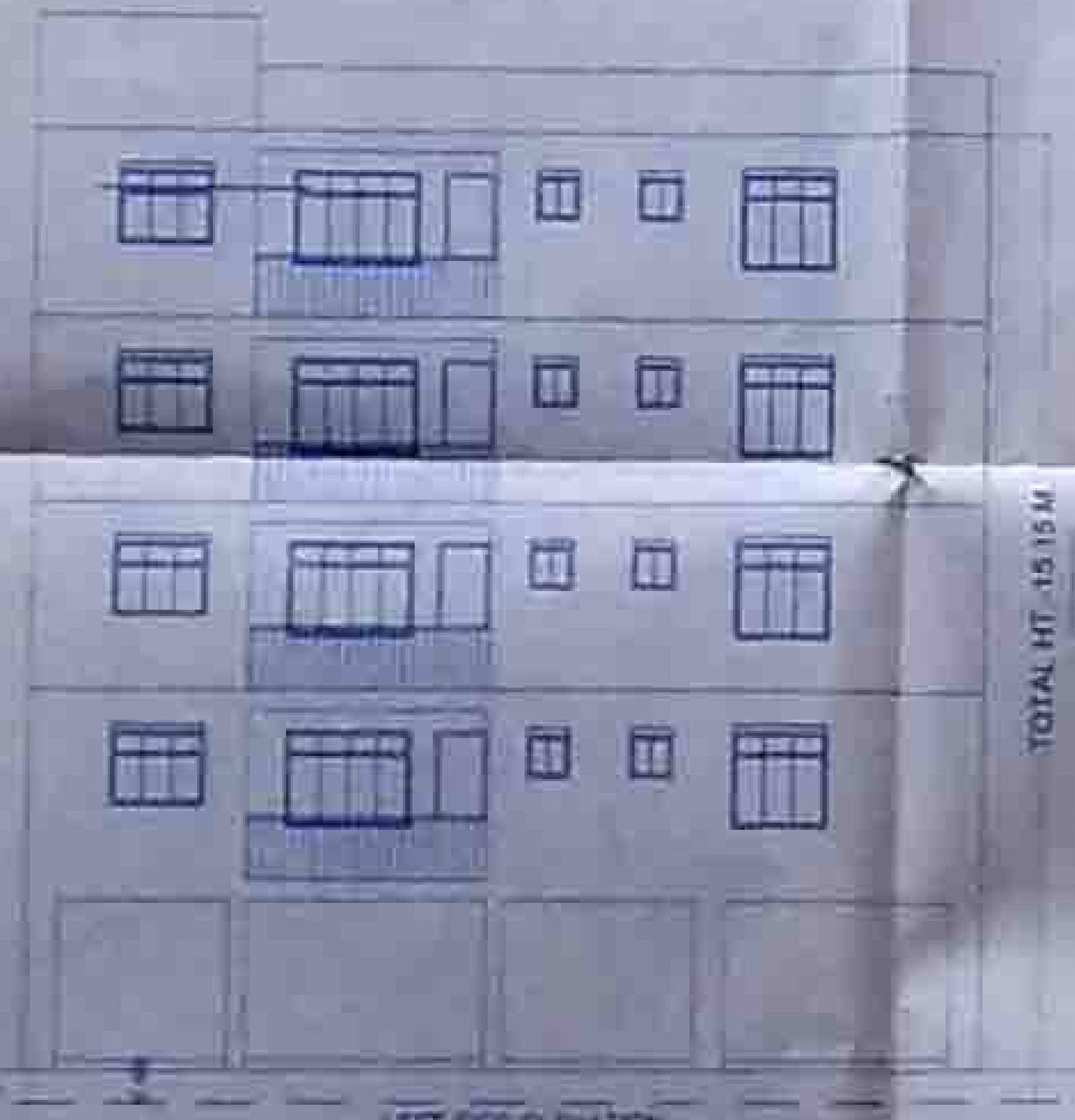
SIGNATURE OF

SIGNATURE OF ARCHITECT

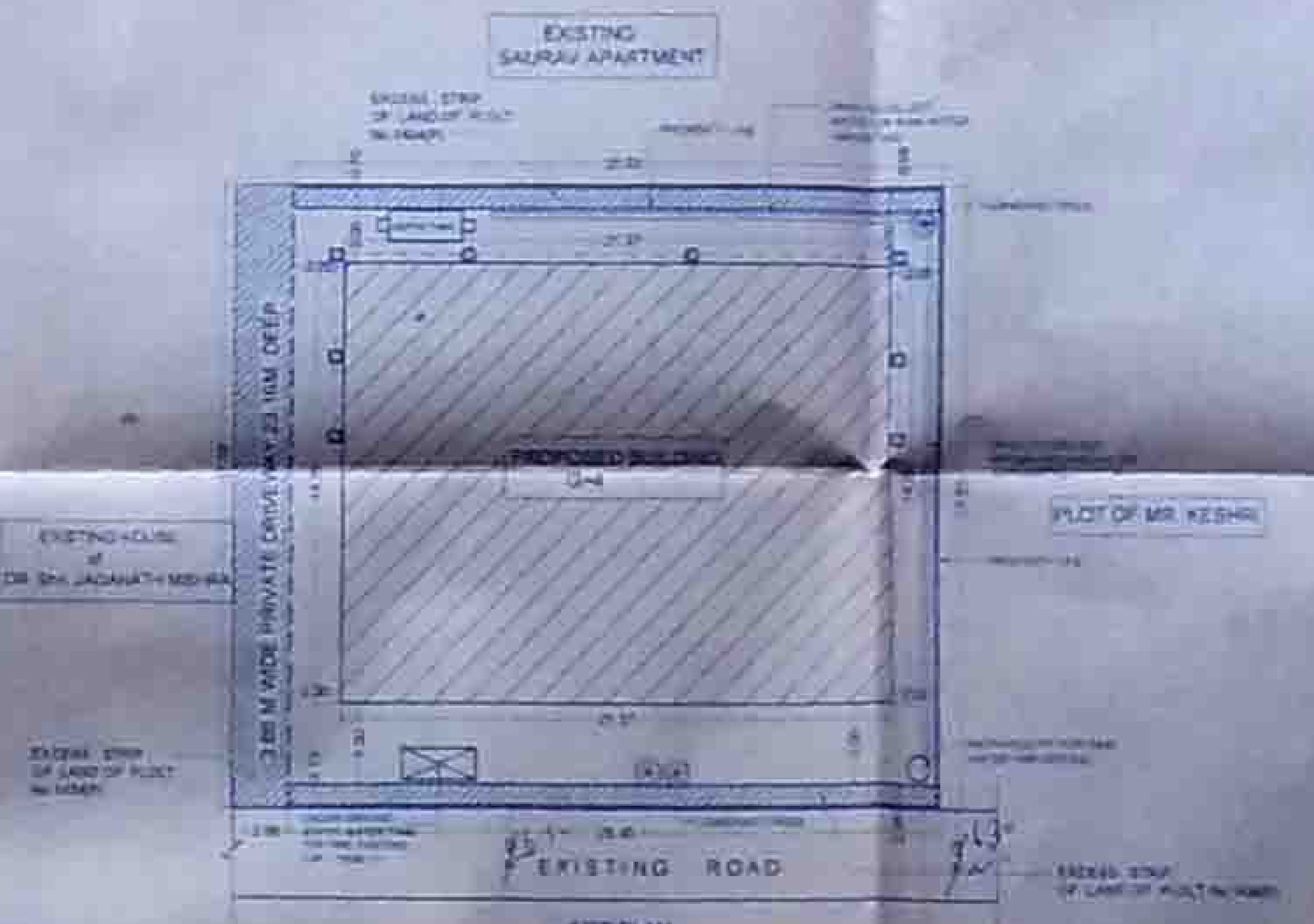
SHAILENDRA KUMAR
Structural Engineer
Patna Municipal Corporation



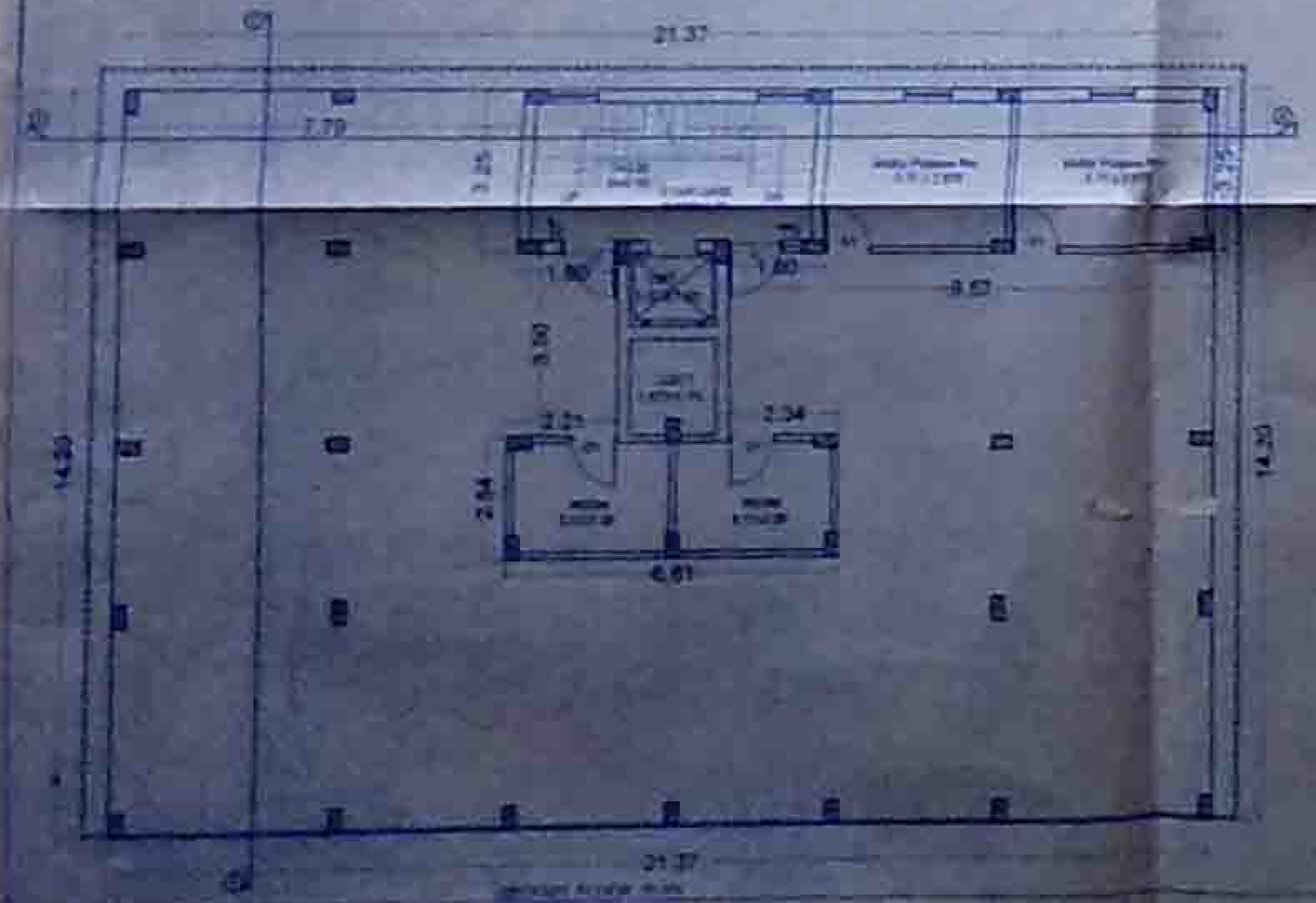
FRONT ELEVATION



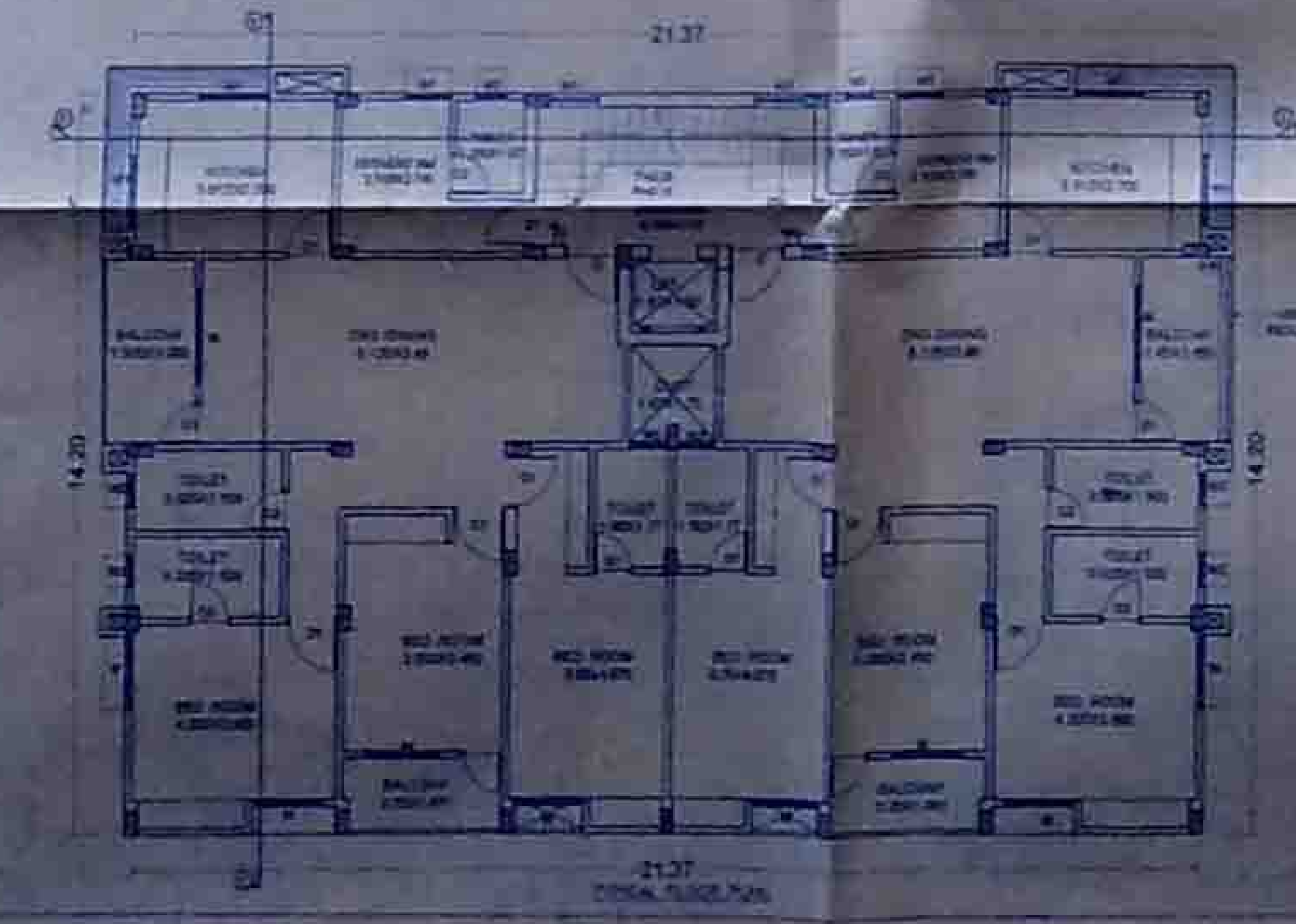
LEFT SIDE ELEVATION


EXISTING SAURAV APARTMENT
EXISTING HOUSE of DR. Shri JAGANATH MISHRA
PLOT OF MR. KESHRI
PROPOSED BUILDING G+4
3.65 M WIDE PRIVATE DRIVEWAY 23.16M DEEP
EXISTING ROAD
EXCESS STRIP OF LAND OF PLOT
21.37

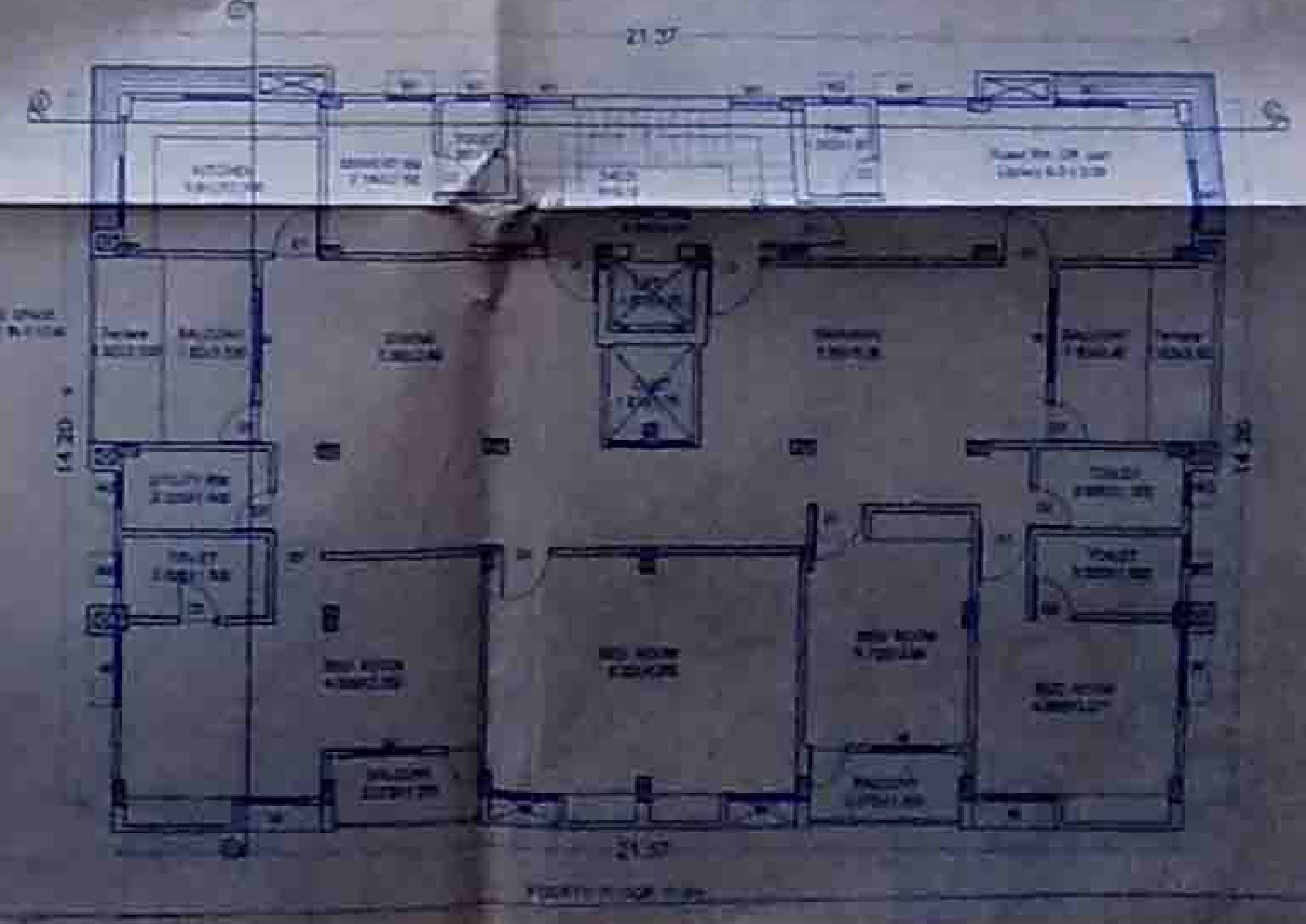
SITE PLAN



GROUND FLOOR PLAN



TYPICAL FLOOR PLAN



FOURTH FLOOR PLAN

PATNA MUNICIPAL CORPORATION

P/Shekh/PMC/RES/(5/VCS)/22/15-05-47/
14-1-17

01-05-16