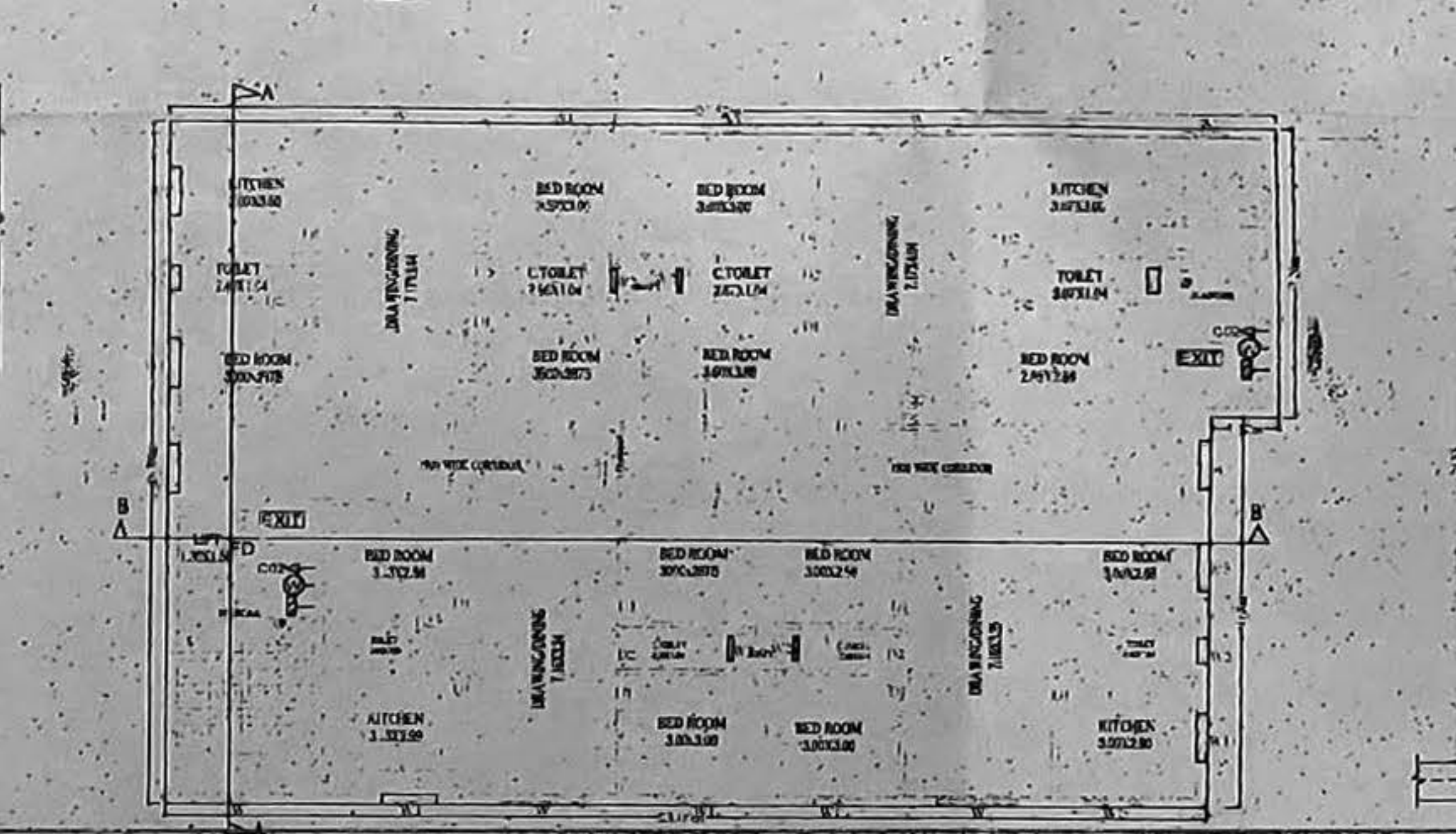
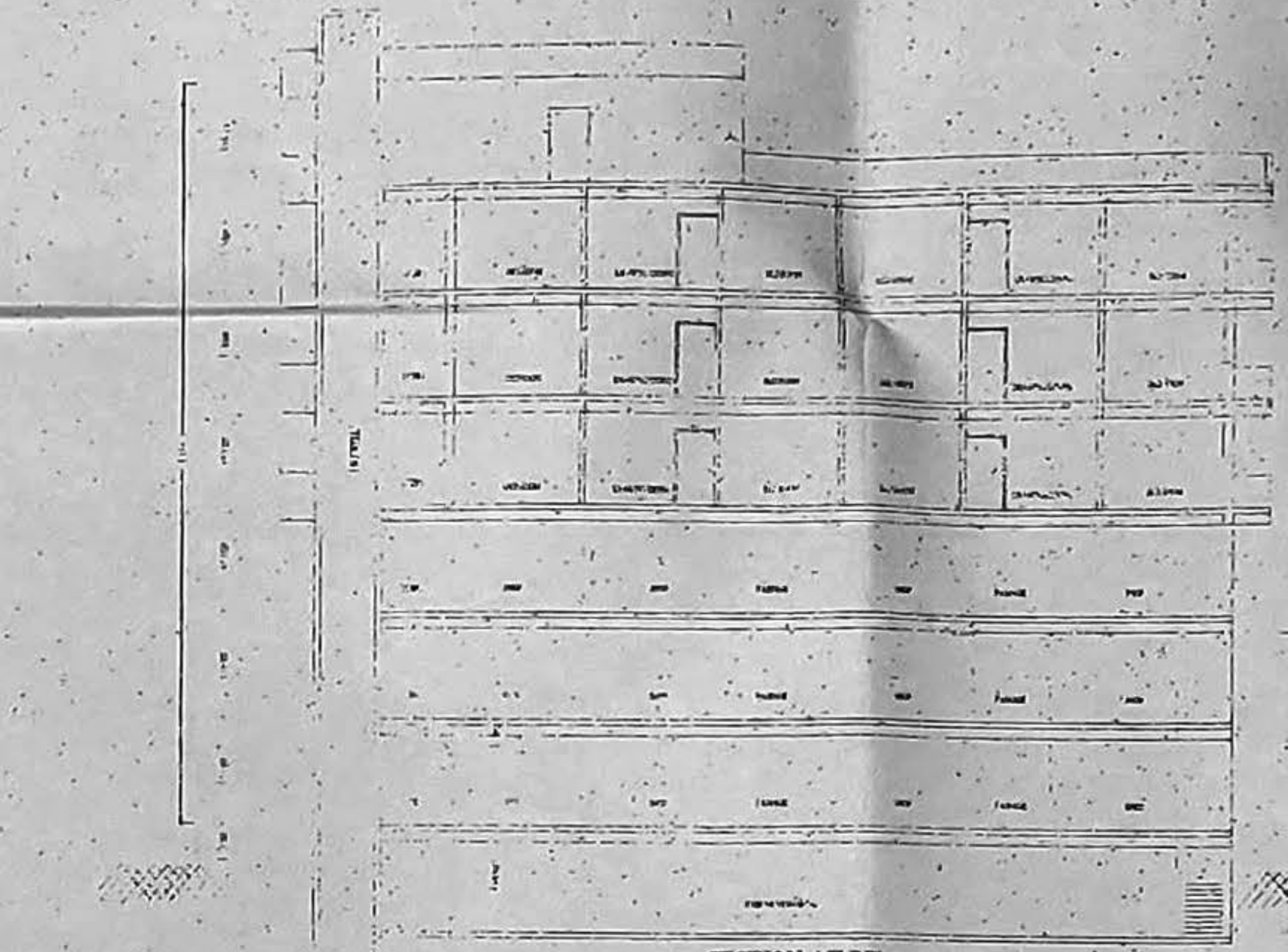
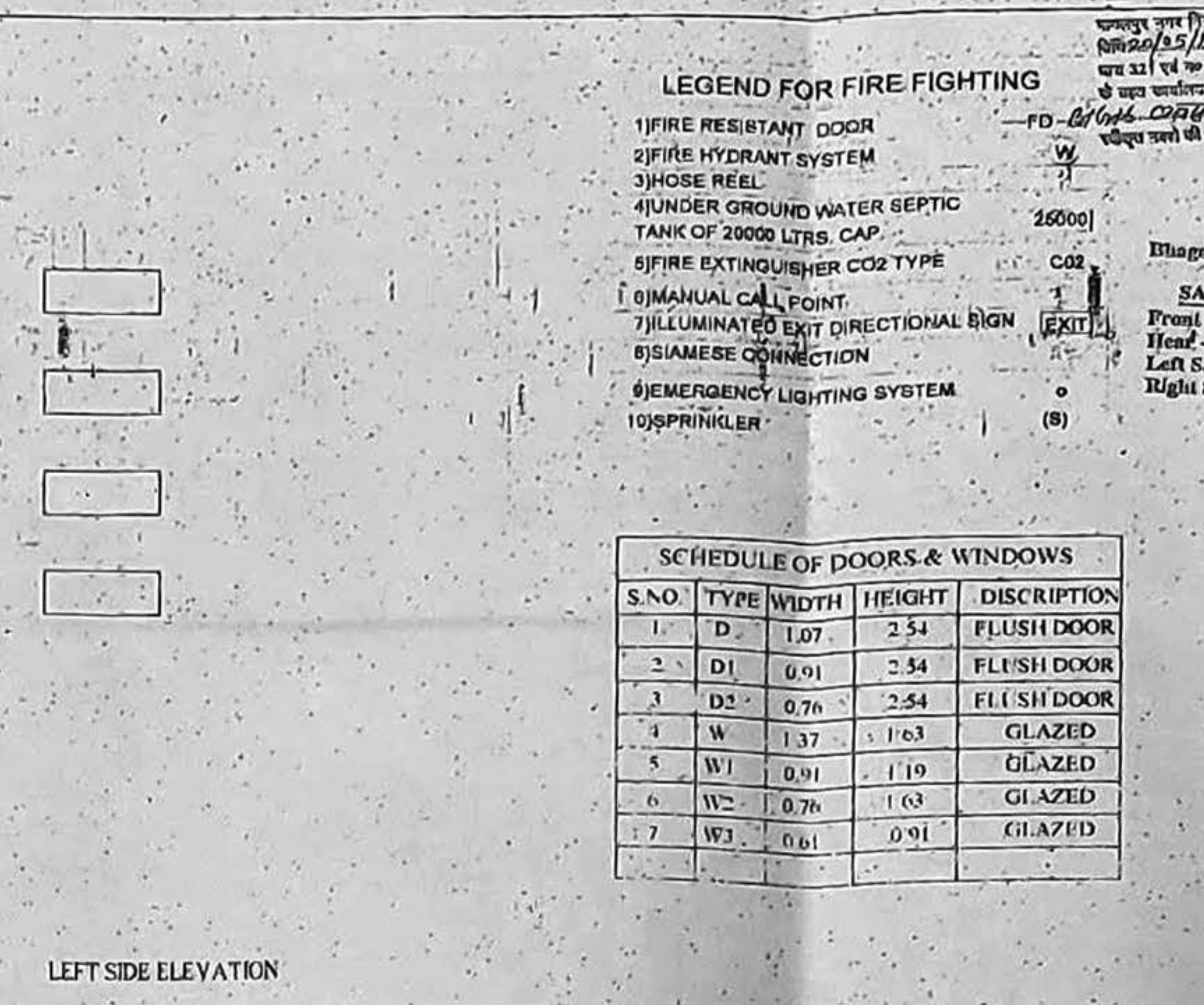
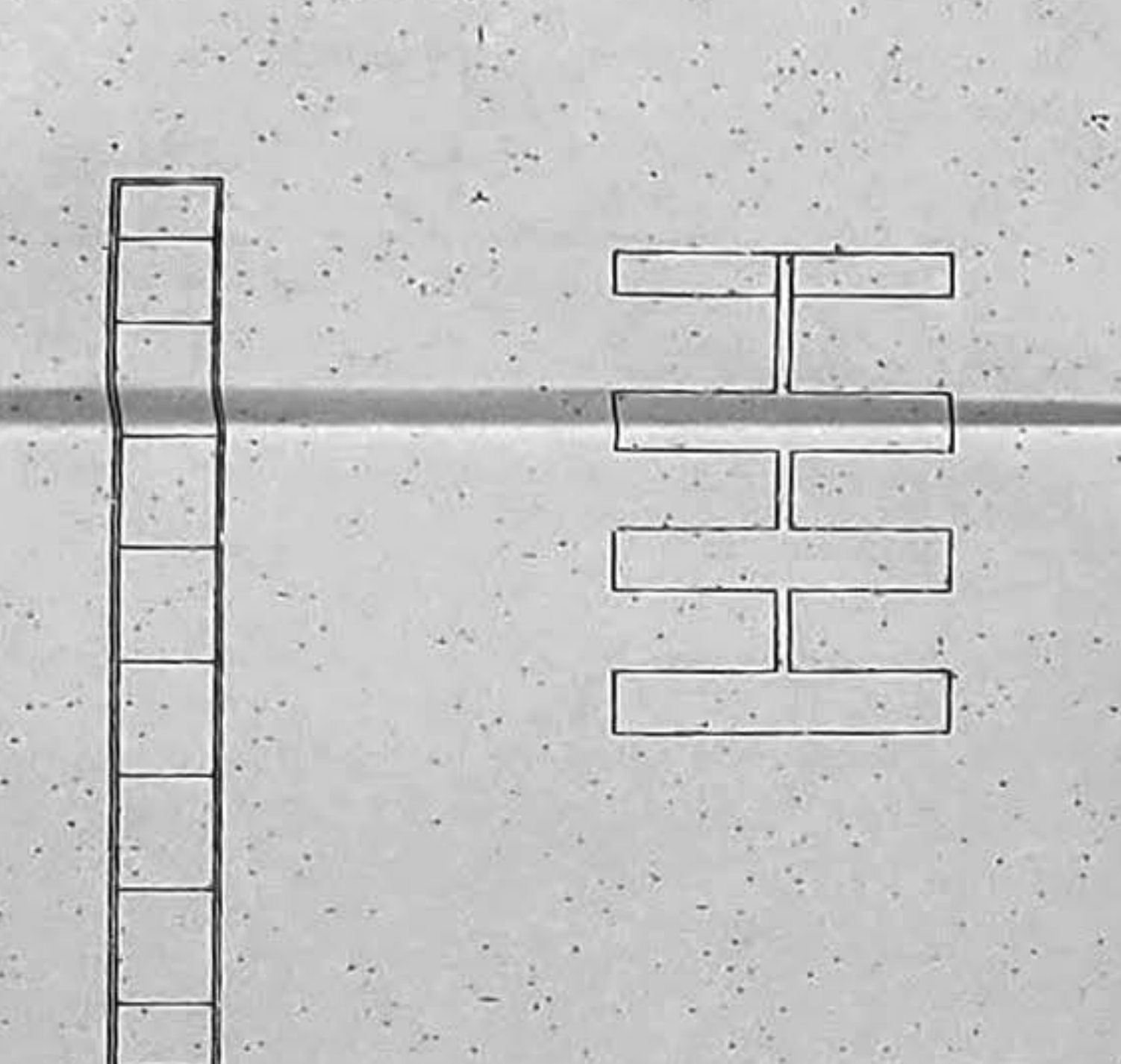
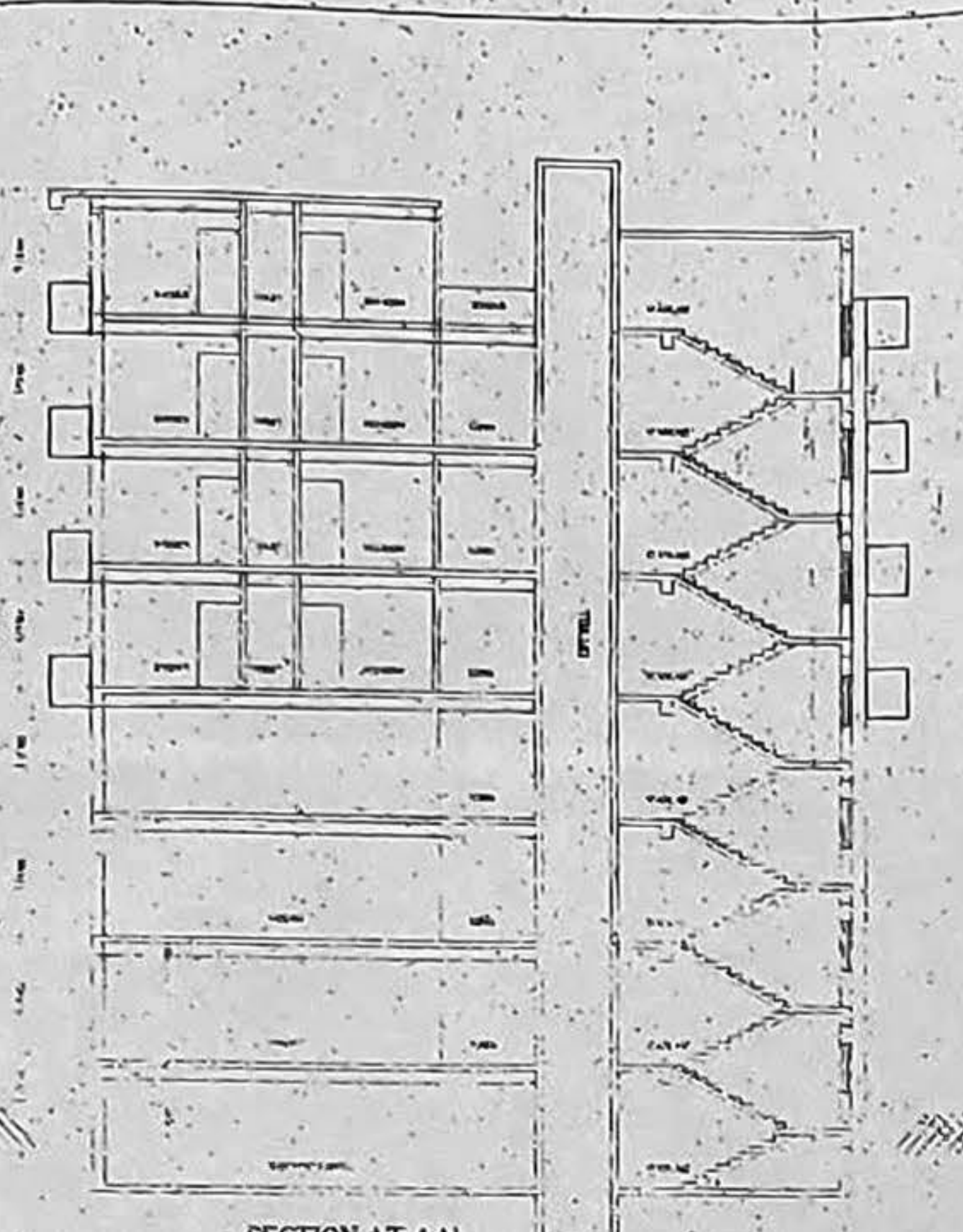
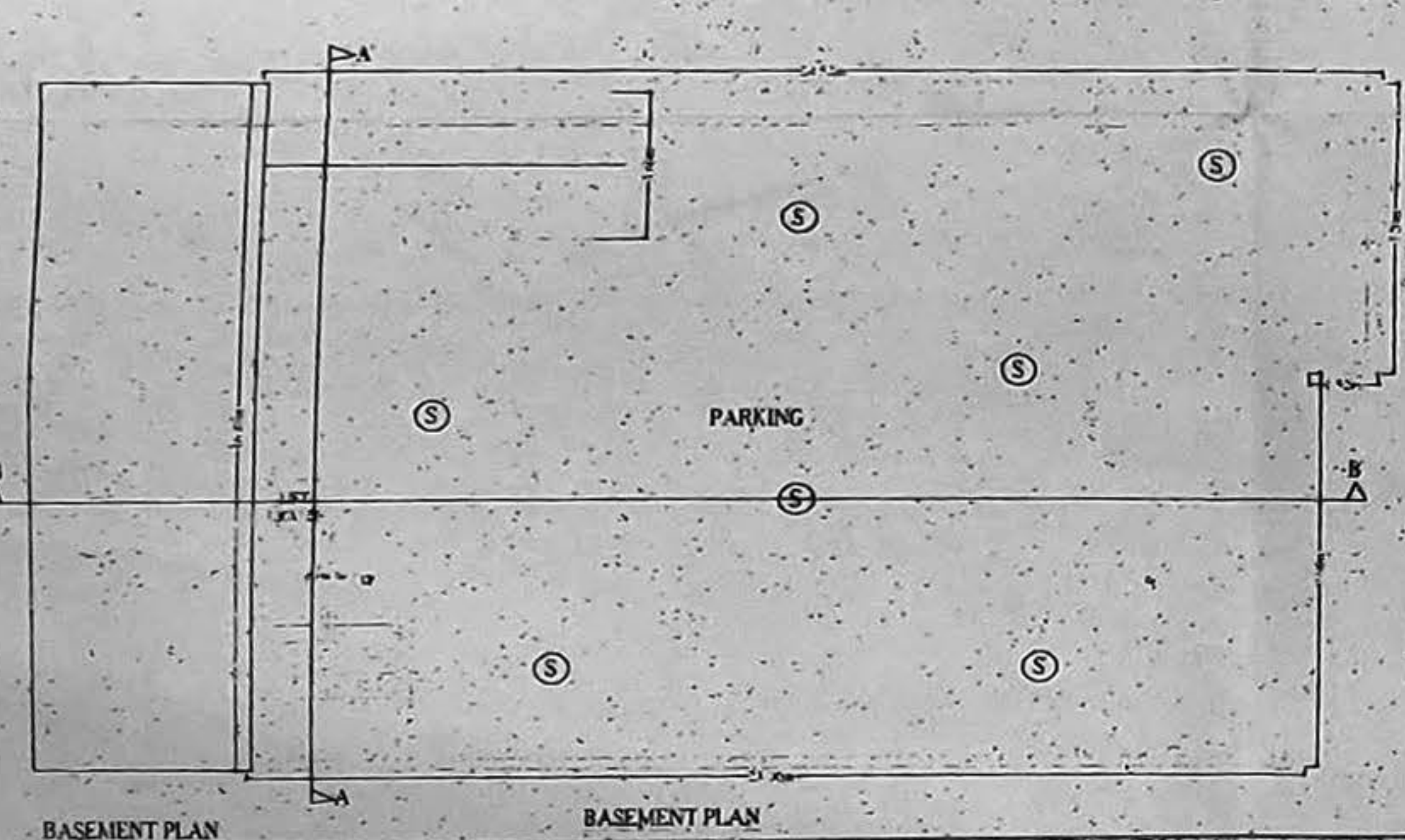
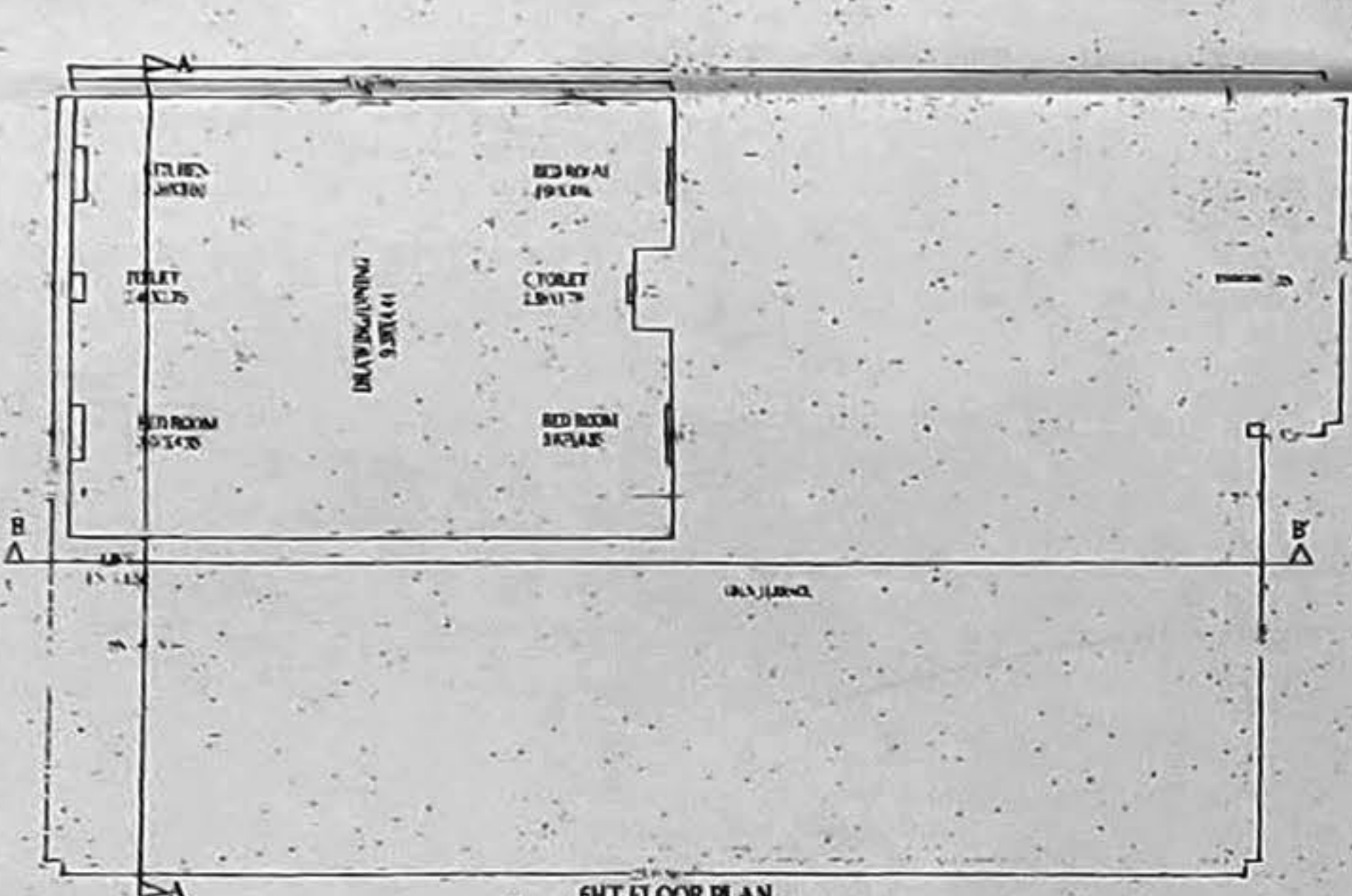
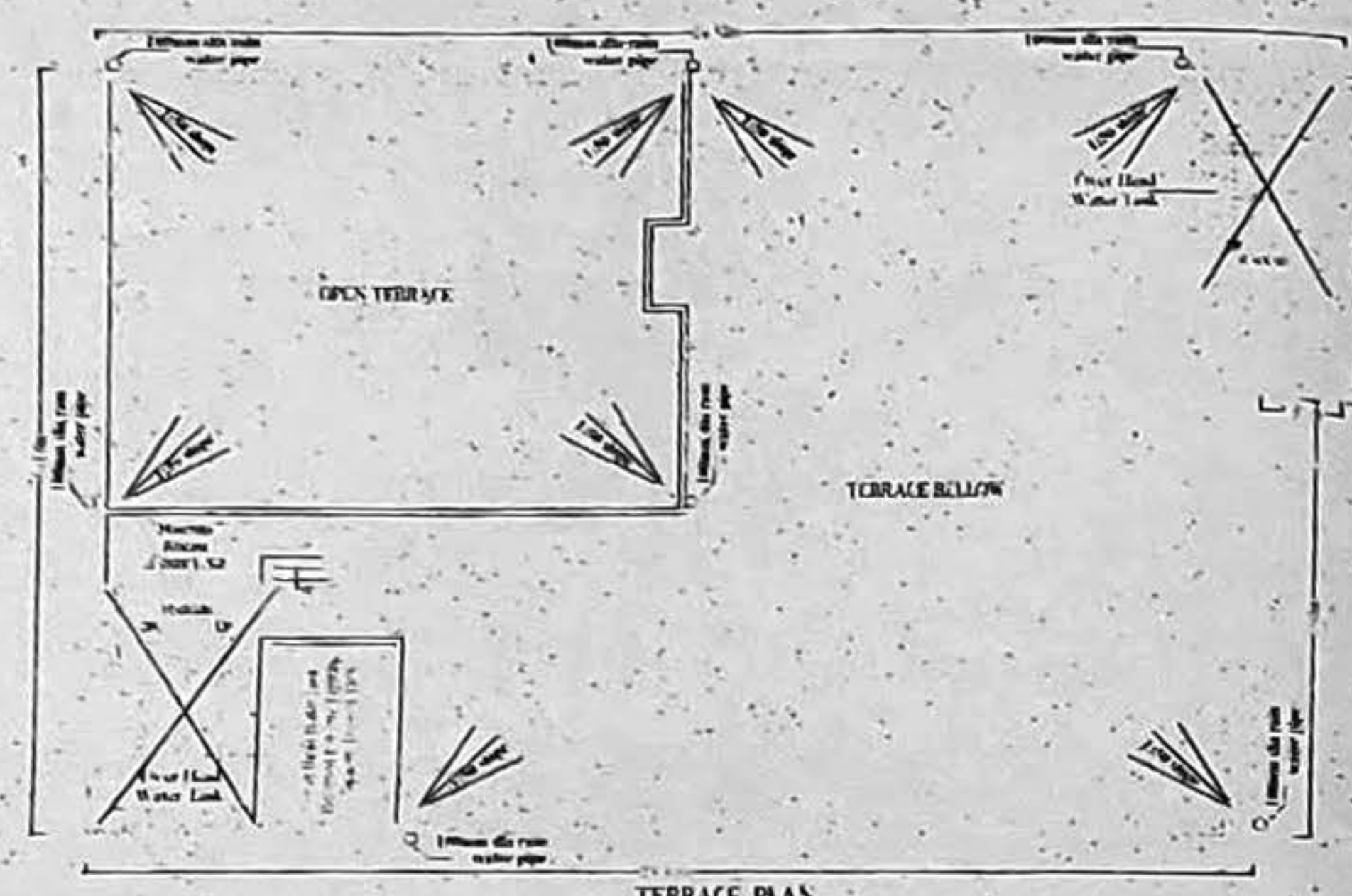
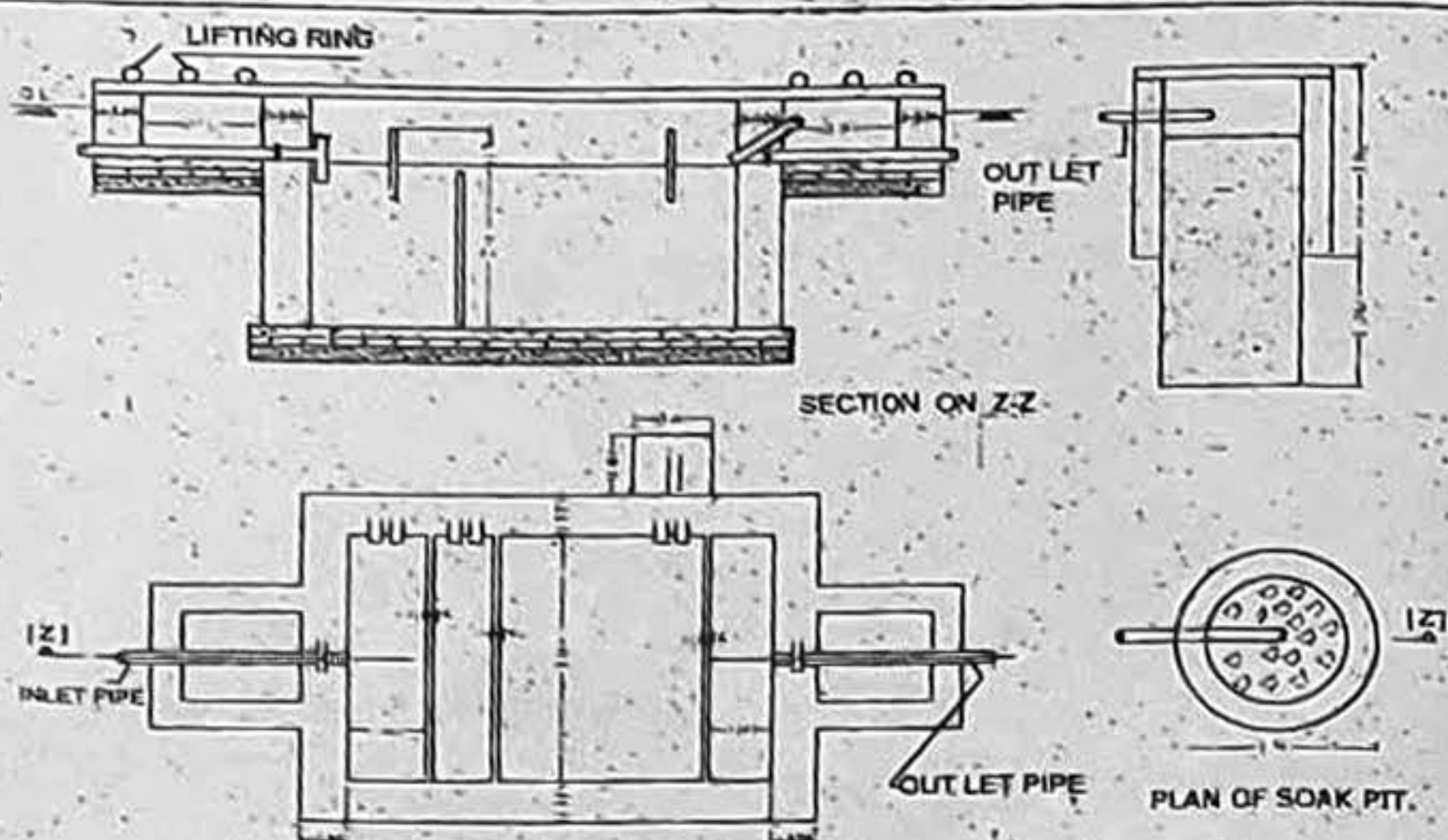
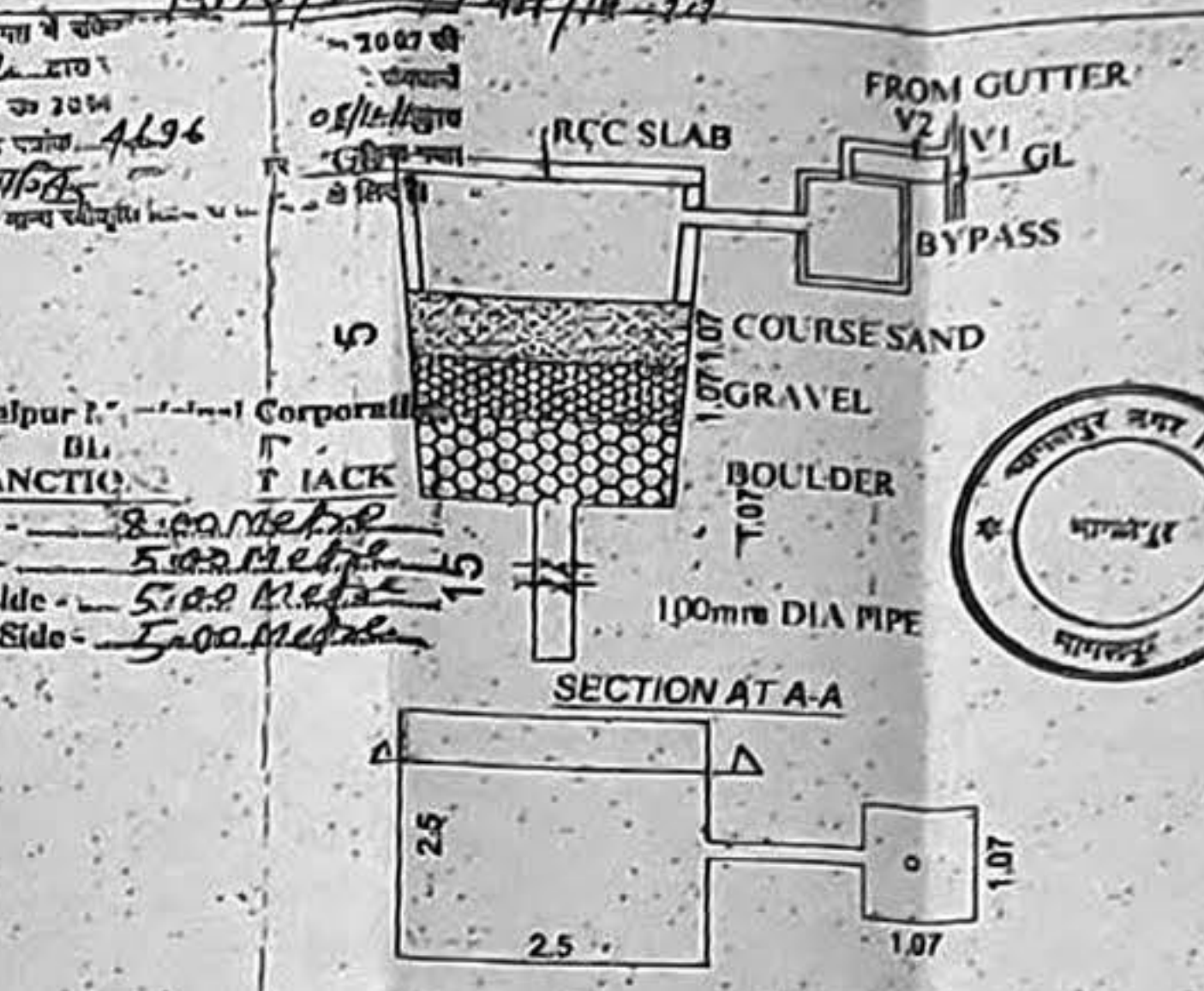




- LEGEND FOR FIRE FIGHTING**
- 1) FIRE RESISTANT DOOR
  - 2) FIRE HYDRANT SYSTEM
  - 3) HOSE REEL
  - 4) UNDER GROUND WATER SEPTIC TANK OF 20000 LTRS. CAP.
  - 5) FIRE EXTINGUISHER CO2 TYPE
  - 6) MANUAL CALL POINT
  - 7) ILLUMINATED EXIT DIRECTIONAL SIGN
  - 8) SIAMESE CONNECTION
  - 9) EMERGENCY LIGHTING SYSTEM
  - 10) SPRINKLER

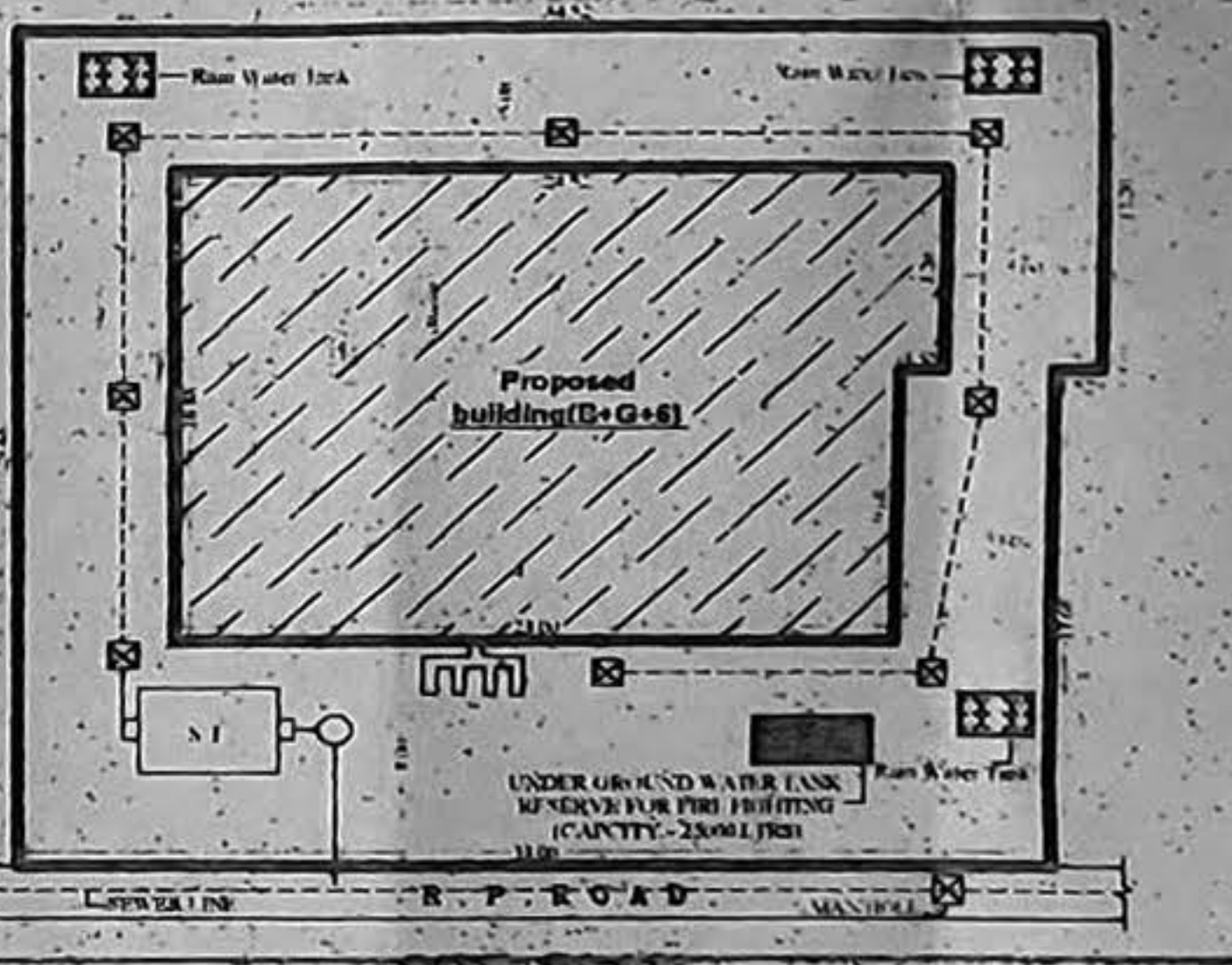
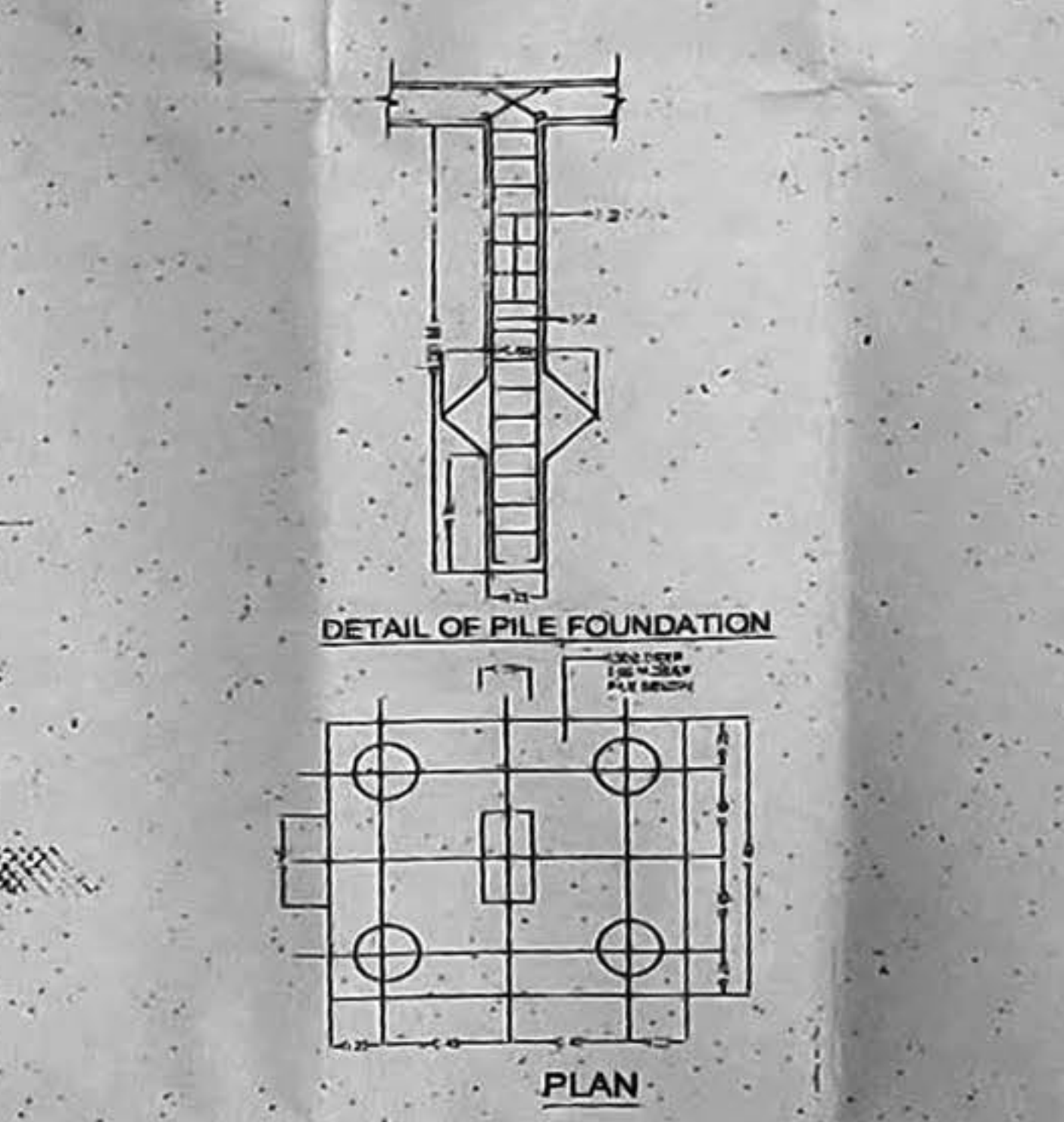
**SCHEDULE OF DOORS & WINDOWS**

| S.NO. | TYPE | WIDTH | HEIGHT | DISCRIPTION |
|-------|------|-------|--------|-------------|
| 1     | D    | 1.07  | 2.54   | FLUSH DOOR  |
| 2     | D1   | 0.91  | 2.54   | FLUSH DOOR  |
| 3     | D2   | 0.76  | 2.54   | FLUSH DOOR  |
| 4     | W    | 1.37  | 1.63   | GLAZED      |
| 5     | W1   | 0.91  | 1.19   | GLAZED      |
| 6     | W2   | 0.76  | 1.63   | GLAZED      |
| 7     | W3   | 0.61  | 0.91   | GLAZED      |



**DET. OF RECHARGEABLE BORE WELL**

Water Harvesting Calculation -  
 1. 375.00 = 22.50 cum  
 Provided 2.5x2.5x5.0 = 31.25 cum



- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MM.
  2. ALL EXTERNAL WALLS 250 THK & INTERNAL WALLS 100THK UNLESS OTHERWISE MENTIONED
  3. ALL MASONRY WORKS ARE BOUNDED BY CEMENT MORTAR (1:6) & (1:4)
  4. EXTERNAL PLASTER IS 25THK & INTERNAL PLASTER IS 12THK WITH (1:4) MORTAR
  5. ALL CONCRETE GRADE IS M20(1:1.5:3)

**AREA CALCULATION**

|                                  |                 |
|----------------------------------|-----------------|
| TOTAL PLOT AREA                  | = 1005.00 SQ.M  |
| TOTAL BASEMENT AREA              | = 399.18 SQ.MT  |
| GROUND FLOOR BUILT UP AREA       | = 399.18 SQ.MT  |
| TOTAL FIRST FLOOR BUILT UP AREA  | = 375.09 SQ.MT  |
| TOTAL SECOND FLOOR BUILT UP AREA | = 375.09 SQ.MT  |
| TOTAL THIRD FLOOR BUILT UP AREA  | = 375.09 SQ.MT  |
| TOTAL FOURTH FLOOR BUILT UP AREA | = 375.09 SQ.MT  |
| TOTAL FIFTH FLOOR BUILT UP AREA  | = 375.09 SQ.MT  |
| TOTAL SIXTH FLOOR BUILT UP AREA  | = 375.09 SQ.MT  |
| TOTAL BUILT UP AREA              | = 2387.13 SQ.MT |

**F.A.R. = 2.37**

**PROPOSED COMMERCIAL CUM RESIDENTIAL BUILDING OF**  
 SMT. RAMPAYARI DEVI, W/O - LATE MAHADEV SINGH. KHATA NO. 447, KHESRA NO-685 KA. KHA. WARD NO. 7/20, HOLDING NO.-160, MOHALLA- KHALIFABAG, AT DR. R.P. ROAD BHAGALPUR ANCHAL JAGDISHPUR, UNDER BHAGALPUR MUNICIPAL CORPORATION, BHAGALPUR

**OCCUPANT LODE**  
**COMMERCIAL**  
 ONE PERSON 10 SQMT BUILT UP AREA.  
 BUILT UP AREA = 1899.54 SQMT  
 NO. OF PERSON = 1899.54 / 10 = 189.95 PERSONS  
 TOTAL NO. OF PERSON = 189 PERSONS

**RESIDENTIAL**  
 TOTAL NOS. OF FLATS = 5 FLATS  
 PERSON FLAT  
 TOTAL NO OF PERSON = 5X5 = 25 PERSON  
 SO TOTAL NO OF PERSON (Com-Res) = 189+5 = 195 PERSON

**PARKING CALCULATION**  
 TOTAL BUILT UP AREA = 2387.13 SQMT  
 TOTAL REQUIRED PARKING AREA 25% & 35% OF TOTAL BU AREA  
 REQUIRED CAR PARKING AREA (25%) = 121.19 SQMT (Residential)  
 REQUIRED CAR PARKING AREA (35%) = 83.55 SQMT (Commercial)  
 SO TOTAL REQUIRED PARKING AREA = 121.19 + 83.55 = 204.74 SQMT  
 TOTAL PROVIDED PARKING AREA (Covered-Open) = 204.74 SQMT

**WATER SUPPLY CALCULATION**  
 TOTAL NOS OF PERSONS = 195  
 REQUIREMENT OF WATER TANK FOR 195 PERSONS  
 @ 135 LTRS. / DAY / PERSON = 195 X 135 = 26325.00 LTRS.  
 (26.32 CUM)

**SEPTIC TANK CALCULATION**  
 TOTAL NOS OF PERSON = 195  
 REQUIREMENT OF SEPTIC TANK FOR 195 PERSONS  
 @ 0.087 M<sup>3</sup> PER PERSON / DAY = 195 X 0.087 M<sup>3</sup>  
 = 16.96 M<sup>3</sup>  
 SIZE OF SEPTIC TANK (LxWxH) = 5.0x3.0x2.00 = 30.00 M<sup>3</sup>

**SIGNATURE OF OWNER**  
 राजपारिदेवी

**SIGNATURE OF ENGINEER**  
 RAJESH KUMAR  
 RAJESH KUMAR ARCHITECT  
 30-4-1  
 Municipal Commissioner  
 Bhagalpur Municipal Corporation

**Er. Pramod Kumar**  
 Regd. Engineer  
 B. M. C. Bhagalpur  
 I.C. No. 5492