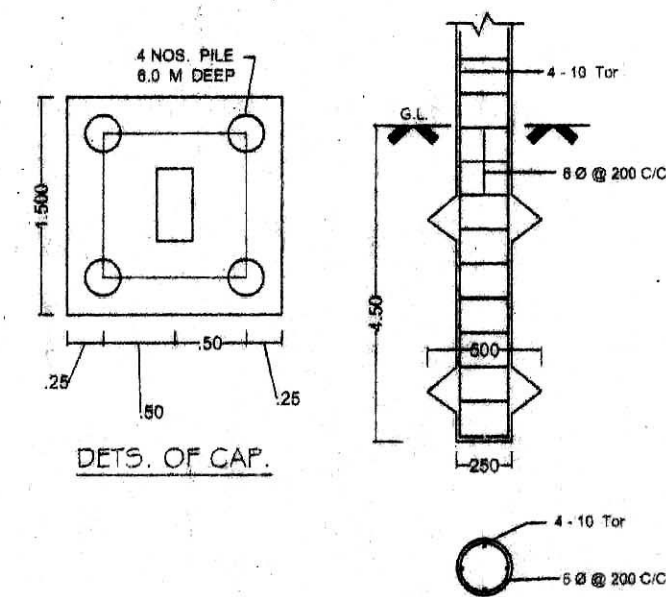
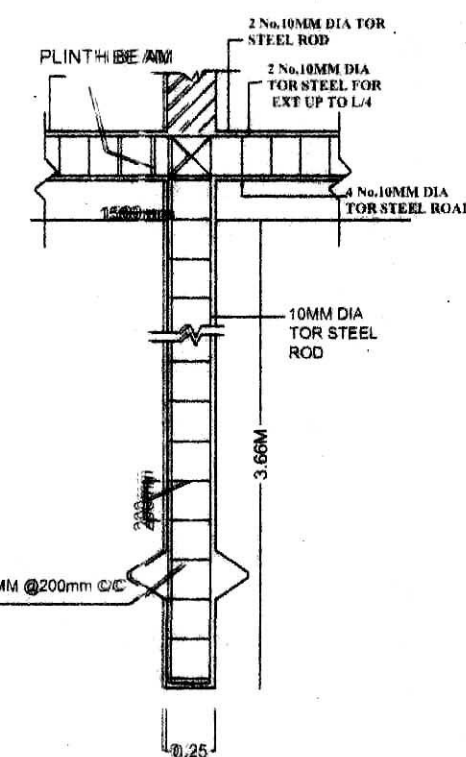




DETS. OF PILES FOUNDATION



Detail of Pile Foundation  
SCALE 1:25

### WATER SUPPLY CALCULATION

TOTAL NO. OF FLAT = 36 NOS.  
EACH FLAT HAVING 5 PERSON =  $36 \times 5 = 180$  PERSON  
PER PERSON REQD. AREA =  $135 \text{ LTRS/DAY} = 180 \times 135 = 24300 \text{ LTRS}$  &  
EXTRA WATER TANK FOR FIRE FIGHTING =  $20000 \text{ LTR.}$   
TOTAL REQD. WATER TANK =  $24300 \text{ LTRS.} + 20000 = 44300 \text{ LTR.}$   
SO TOTAL WATER REQD. =  $24.30 + 20.0 = 44.30 \text{ CUM.}$   
PROVIDE PROPOSED WATER TANK WITH TWO COMPARTMENT  
=  $4.98 \times 2.50 \times 1.90 = 23.65 \times 2 = 47.3 \text{ CUM.}$

### PARKING CALCULATION

TOTAL NO. OF FLAT = 36 NOS.  
1 CAR PARKING FOR EACH FLAT REQUIRED =  $36 \times 1 = 36 \text{ NOS.}$   
1 CAR PARKING NEED  $20 \text{ sqm.}$  PARKING SPACE  
 $36 \times 20 = 720 \text{ sqm.}$  REQUIRED  
PARKING PROVIDED  $315.54 \text{ SQM.}$  REST IN FRONT SET BACK

### SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT = 36 NOS.  
EACH FLAT HAVING 5 PERSON =  $36 \times 5 = 180$  PERSON  
PER PERSON REQD. AREA =  $0.085 \text{ CUM./DAY}$   
 $180 \times 0.085 = 15.30 \text{ CUM.}$  REQD.

### Specification :-

- FOUNDATION :-  
R.C.C UNDER REMED FOUNDATION
- FLOORING :-  
0.025 M THK IPS FLOORING OVER 0.15M DRY RAMMED KHOA OVER  
ONE LAYER BRICK FLAT SOLING, OVER 0.15M THK LOCA; SAND FILLING.
- SUPERSTRUCTURE :-  
FIRST CLASS BRICK WORK IN CEMENT MORTAR 1 : 6
- RCC WORK :-  
ALL RCC WORK IN 1 : 2 : 4 WITH PROPER REINFORCEMENT
- RERRACING :-  
0.10M AVERAGE LIME TERRACING OVER 0.10 M THK RCC FLOOR SLAB
- PLASTER :-  
0.012 M THK PLASTER ON BOTH SIDE WALL IN 1 : 6 CEMENT MORTAR @  
0.06 M THK CEILING PLASTER IN 1 : 4 CEMENT MORTAR
- ALL DOOR & WINDOW SHALL BE PAINTED TWO COAT OVER A COAT OF PRIMER

### GREEN AREA CALCULATION :-

TOTAL NET AREA =  $787.54 \text{ Sq.m.}$   
GREEN SPACE AREA % Reqd =  $787.54 \times 10\% = 78.75 \text{ Sq.m.}$   
TOTAL PROVIDED GREEN SPACE =  $85.05 \text{ Sq.m.}$

### SCHEDULE OF DOORS & WINDOWS

| TYPE | WIDTH | HEIGHT | SILL.LVL. | DESCRIPTION   |
|------|-------|--------|-----------|---------------|
| D    | 1.22  | 2.13   |           | FULLY paneled |
| D1   | 1.05  | 2.13   |           | DO            |
| D2   | 0.90  | 2.13   |           | DO            |
| D3   | 0.75  | 2.13   |           | DO            |
| W    | 1.50  | 1.35   | 0.75      | FULLY GLAZED  |
| W1   | 1.22  | 1.35   | 0.75      | DO            |
| W2   | 1.22  | 1.05   | 1.05      | DO            |
| W3   | 1.22  | 1.05   | 1.22      | DO            |
| V    | 0.60  | 0.60   |           | DO            |

### AREA CALCULATION :- IN sq.m

|                            |           |
|----------------------------|-----------|
| TOTAL PLOT AREA            | = 787.54  |
| GROUND FL. BUILT - UP AREA | = 25.83   |
| FIRST FL. BUILT - UP AREA  | = 341.37  |
| SECOND FL. BUILT - UP AREA | = 341.37  |
| THIRD FL. BUILT - UP AREA  | = 341.37  |
| FORTH FL. BUILT - UP AREA  | = 341.37  |
| FIFTH FL. BUILT - UP AREA  | = 341.37  |
| SIXTH FL. BUILT - UP AREA  | = 341.37  |
| TOTAL BUILT - UP AREA      | = 2074.05 |

F.A.R. = 2.63

% PLOT COVERAGE AREA = 43.32 %

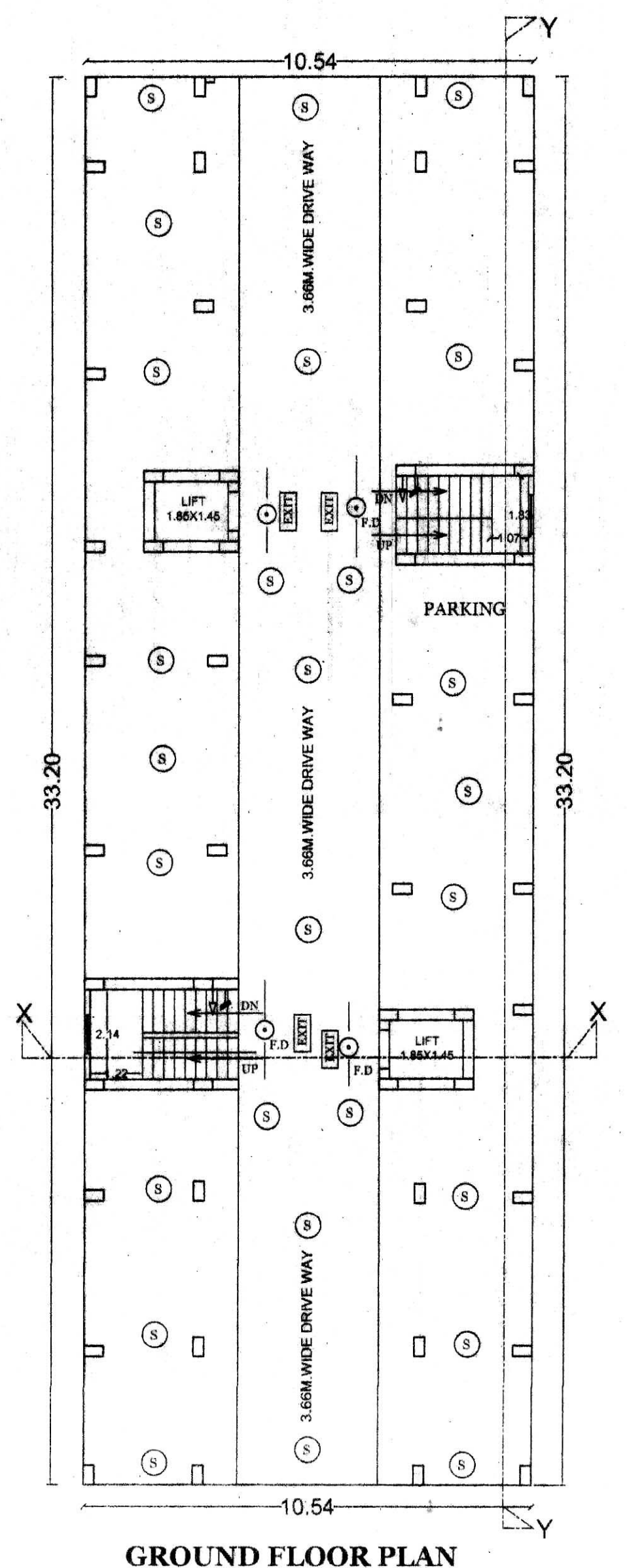
### PLOT OWNER:

#### PROPOSED RESIDENTIAL BUILDING FOR

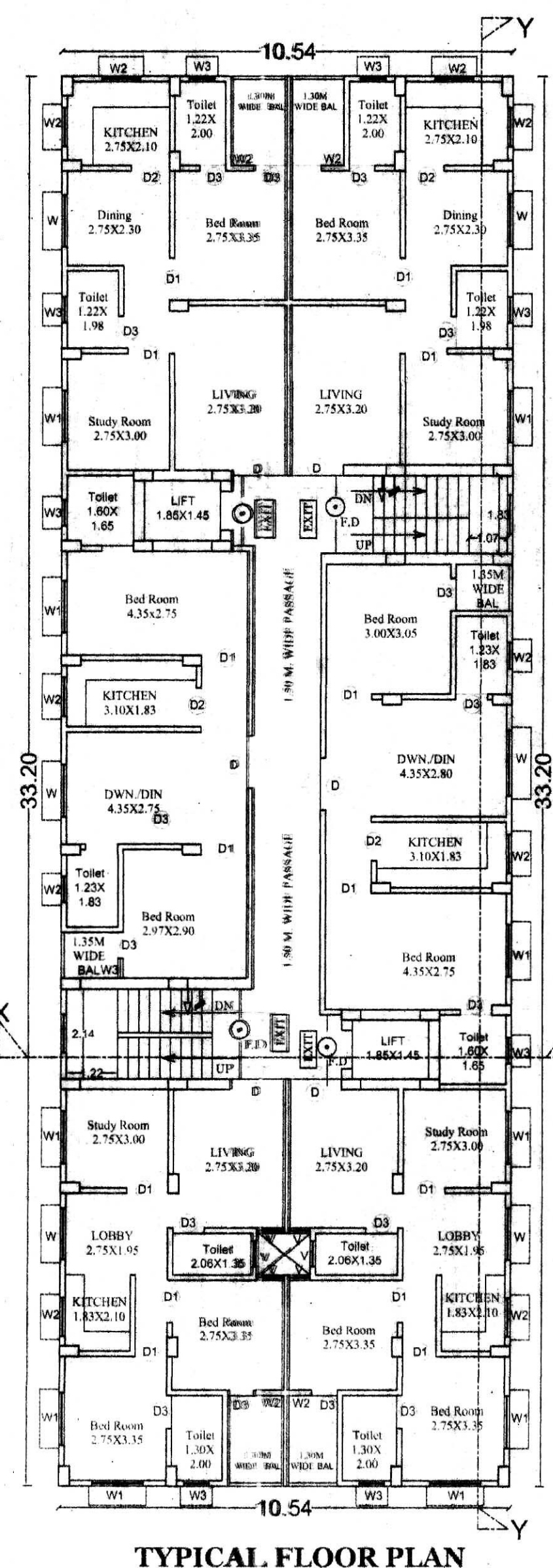
- (1) - SHOBHA DEVI, W/O LATE KRISHNA PRASAD
  - (2) - SRI RAJENDRA PRASAD, S/O LATE RAM AVATAR SINGH
  - (3) - SRI DEVENDRA PRASAD, S/O LATE RAM AVATAR SINGH
  - (4) - SRI RANJEET KUMAR SINGH, S/O LATE RAM AVATAR SINGH
- AT BOCHA CHAK P.O & P.S PHULWARI SHARIF  
DIST. - PATNA

#### PLOT DETAIL :-

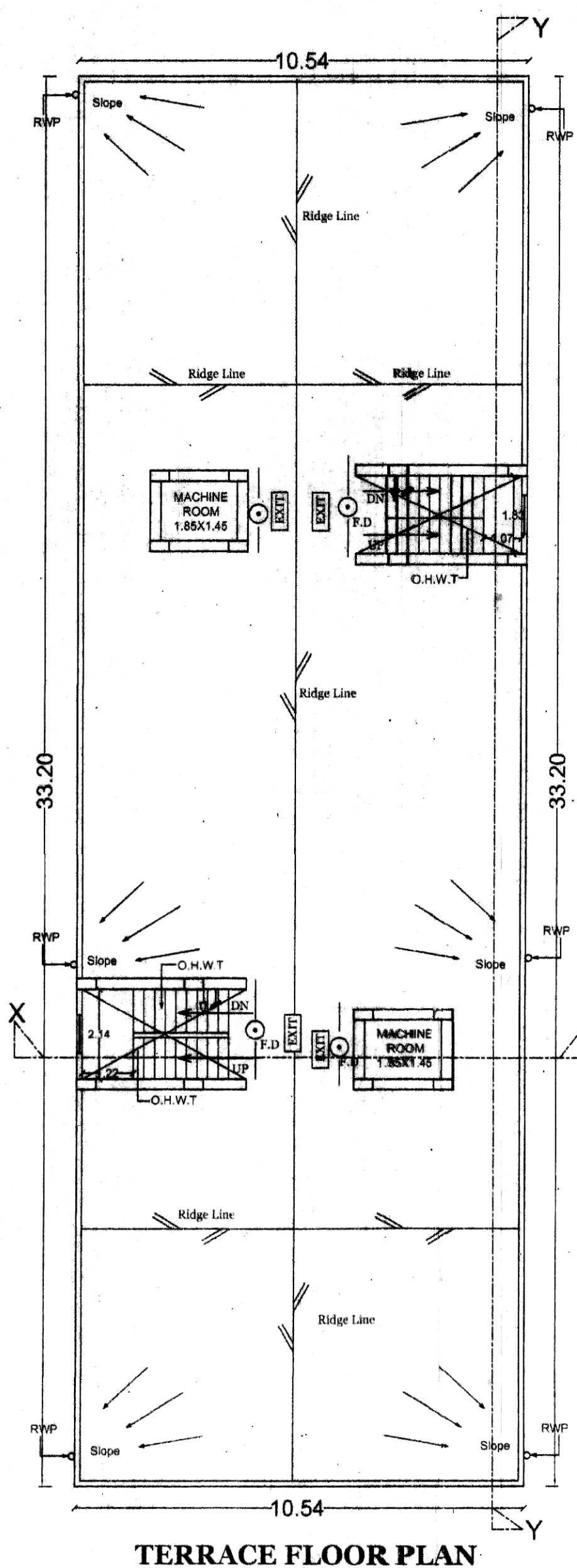
SURVEY PLOT NO- 837, MAUZA- NOHSA  
TAUZI NO- 5441, THANA NO-38, THANA - PHULWARI SHARIF  
KHATA NO-187, DIST.- PATNA (BIHAR)



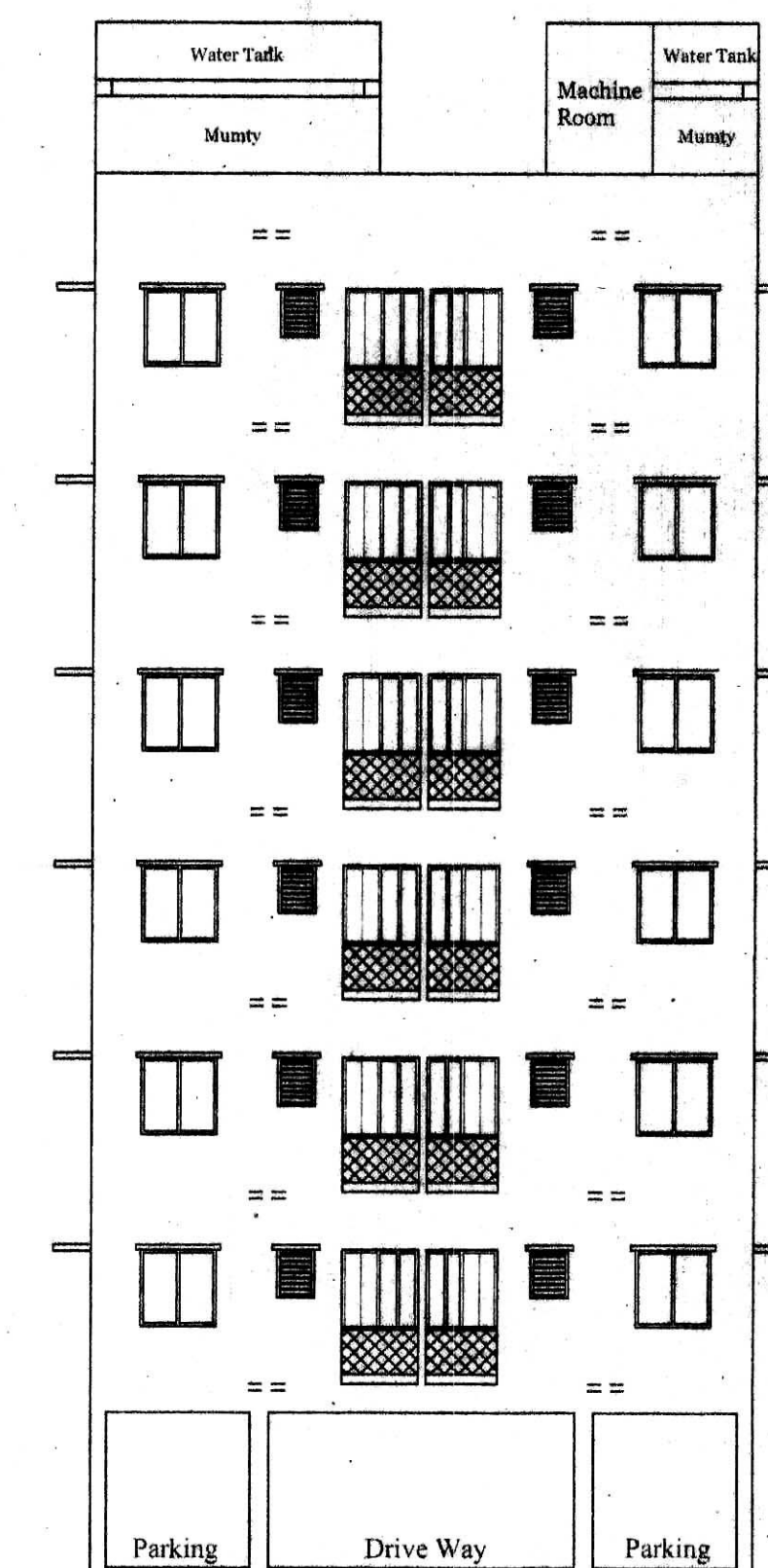
GROUND FLOOR PLAN



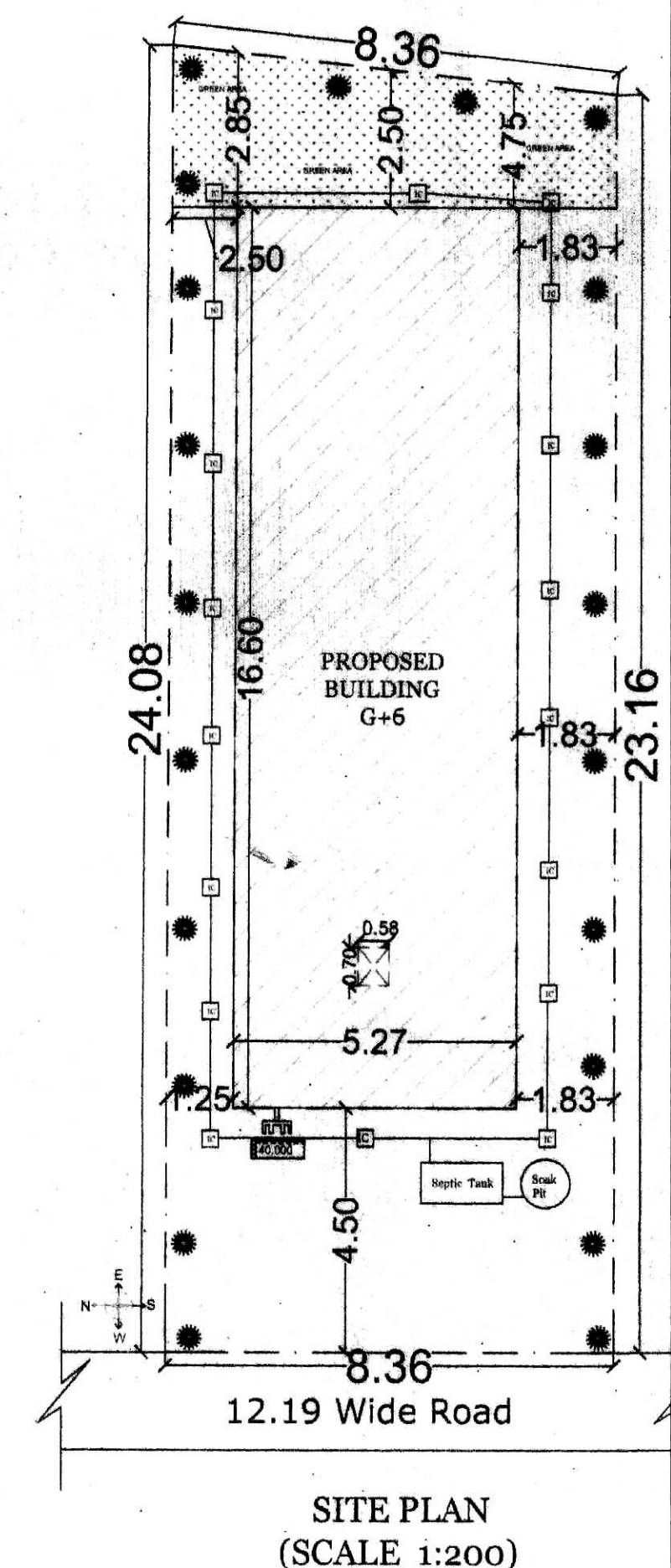
TYPICAL FLOOR PLAN



TERRACE FLOOR PLAN



FRONT ELEVATION



SITE PLAN  
(SCALE 1:200)

SIGNATURE OF OWNER

SIGNATURE OF ARCHITECT ENGINEER

सत्यदेव प्रसाद  
सत्यदेव प्रसाद  
सत्यदेव प्रसाद  
सत्यदेव प्रसाद  
16/11/2016  
मुखिया  
ग्राम पंच राज नोहसा  
पंचदेव फुलवारी शरीफ, पटना

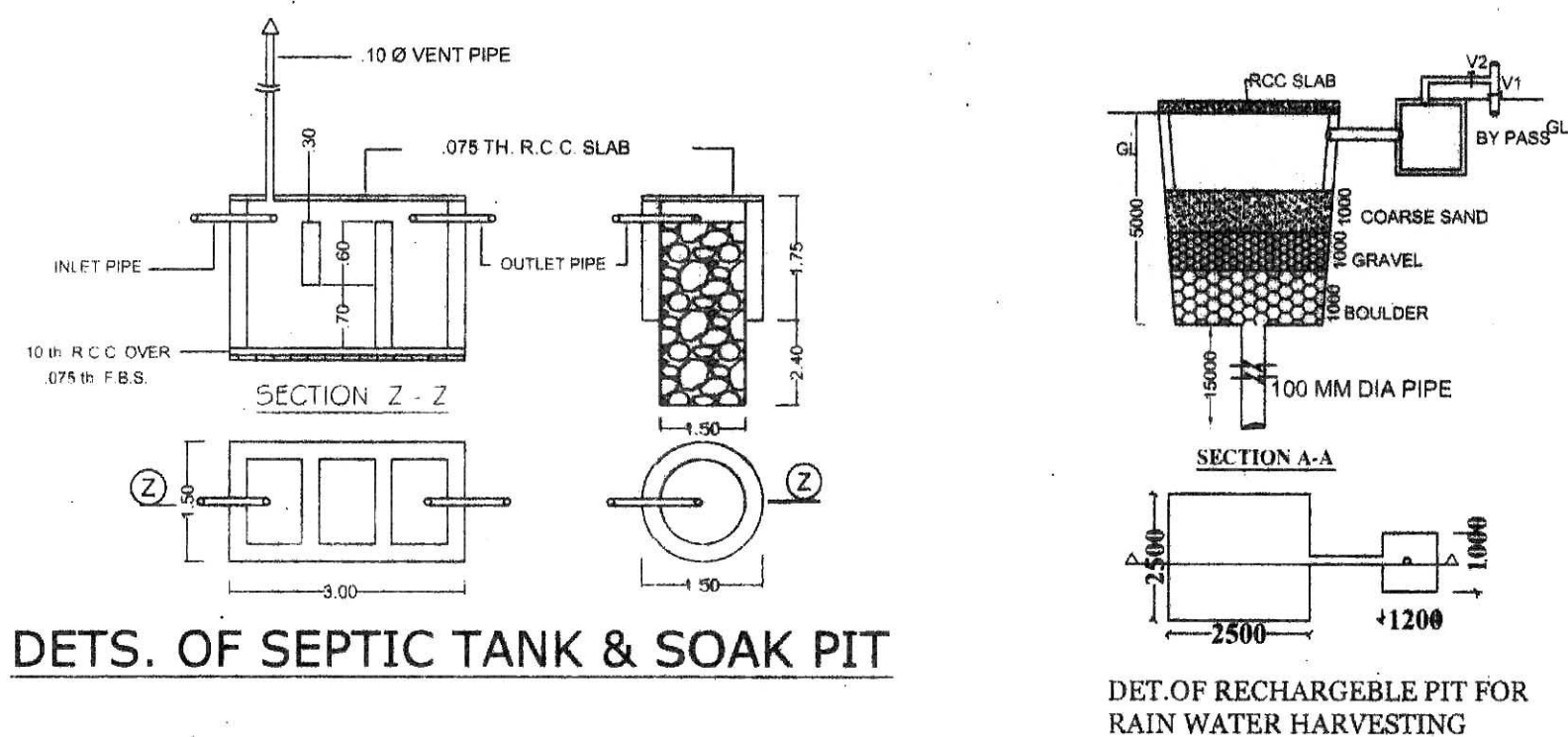
SATYADEO PRASAD  
CIVIL ENGINEER  
LIC No. 9/92, P.R.D.A. PATNA



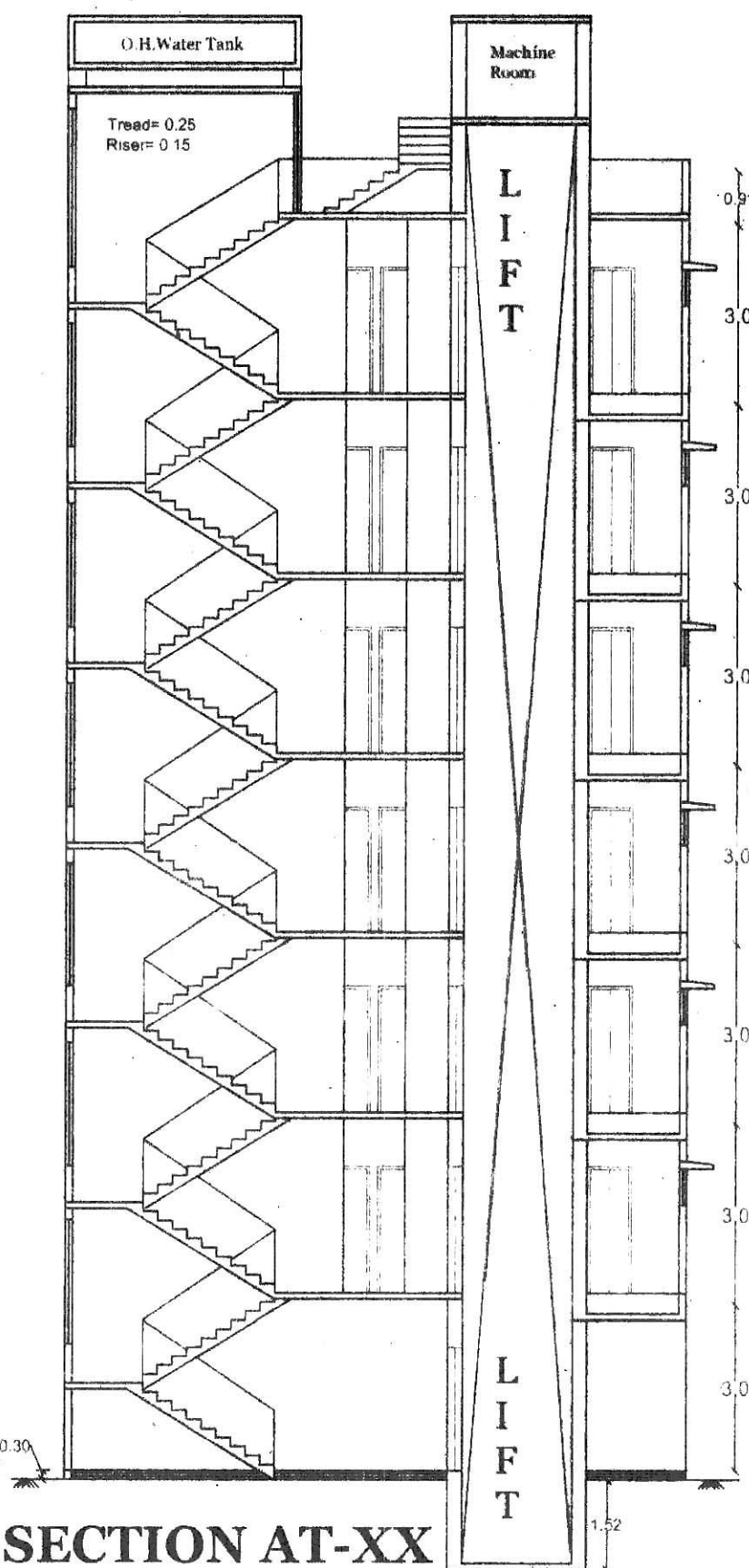
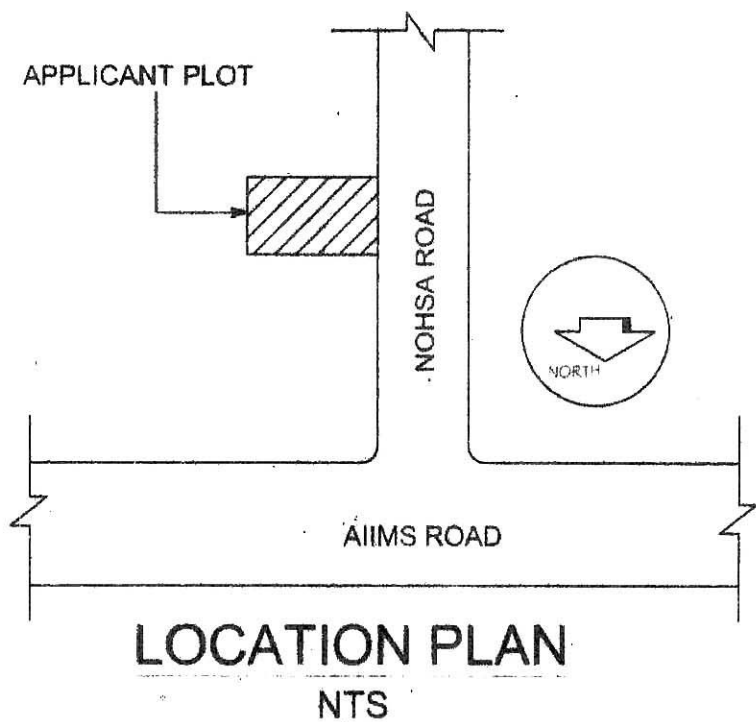
LEFT SIDE ELEVATION



SECTION AT-YY



DETS. OF SEPTIC TANK & SOAK PIT



SECTION AT-XX

SCHEDULE OF DOORS & WINDOWS

| TYPE | WIDTH | HEIGHT | SILL.LVL. | DESCRIPTION   |
|------|-------|--------|-----------|---------------|
| D    | 1.22  | 2.13   |           | FULLY PANELED |
| D1   | 1.05  | 2.13   |           | DO            |
| D2   | 0.90  | 2.13   |           | DO            |
| D3   | 0.75  | 2.13   |           | DO            |
| W    | 1.50  | 1.35   | 0.75      | FULLY GLAZED  |
| W1   | 1.22  | 1.35   | 0.75      | DO            |
| W2   | 1.22  | 1.05   | 1.05      | DO            |
| W3   | 1.22  | 1.05   | 1.22      | DO            |
| V    | 0.60  | 0.60   |           | DO            |

FIRE LEGEND

1. F.D. - DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR
2. HOUSE RULES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
3. LANDING VALVES AS PER I.S.S.T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
4. LOUD SPEAKER OUTLETS FOR THE PUBLIC ADDRESS SYSTEM.
5. MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.
6. FLOOR INDICATOR PANELS FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S.S.
7. MAIN CONTROL PANEL FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S.S.
8. WATER CO2 TYPE PORTABLE EXTINGUISHER OF 9 LITRE CAPACITY.
9. SEAM CONNECTION TO THE WET RISING SYSTEM.
10. AREA COVERED WITH AUTOMATIC SPRINKLER INSTALLATION
11. EXIST DIRECTIONAL SIGN.
12. PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY.
13. ELECTRICAL CALL POINT SWITCHES FOR THE ALARM SYSTEM.
14. AREA COVERED WITH AUTOMATIC HEAT SMOKE DETECTOR AS PER I.S.S.

PLOT OWNER:

PROPOSED RESIDENTIAL BUILDING FOR  
 (1) - SHOBHA DEVI, W/O LATE KRISHNA PRASAD  
 (2) - SRI RAJENDRA PRASAD, S/O LATE RAM AVATAR SINGH  
 (3) - SRI DEVENDRA PRASAD, S/O LATE RAM AVATAR SINGH  
 (4) - SRI RANJEET KUMAR SINGH, S/O LATE RAM AVATAR SINGH  
 AT BOCHA CHAK P.O. & P.S. PHULWARI SHARIF  
 DIST.- PATNA

PLOT DETAIL :-

SURVEY PLOT NO- 837, MAUZA- NOHSA  
 TAUZI NO- 5441, THANA NO-38, THANA - PHULWARI SHARIF  
 KHATA NO-187, DIST.- PATNA (BIHAR)

श्रीमान  
 राजेंद्र प्रसाद  
 देवी लक्ष्मी प्रसाद  
 रजनी कुमार सिंह

Satyadeo Prasad  
 CIVIL ENGINEER  
 LIC No.-992, P.R.D.A. PATNA

SIGNATURE OF OWNER

SIGNATURE OF ARCHITECT ENGINEER

कुमारी ज्योति रानी  
 16/11/2016  
 मुखिया  
 ग्राम पंचायत नोहसा  
 प्रखण्ड फुलवारी शरीफ, पटना