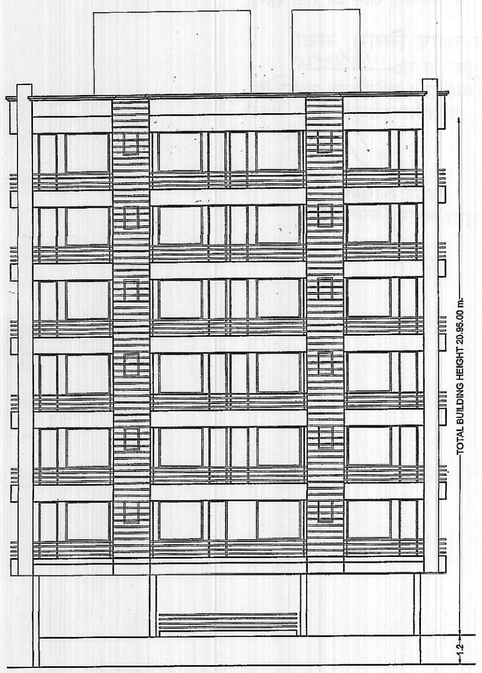
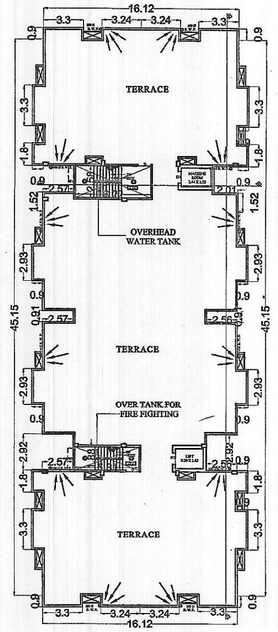


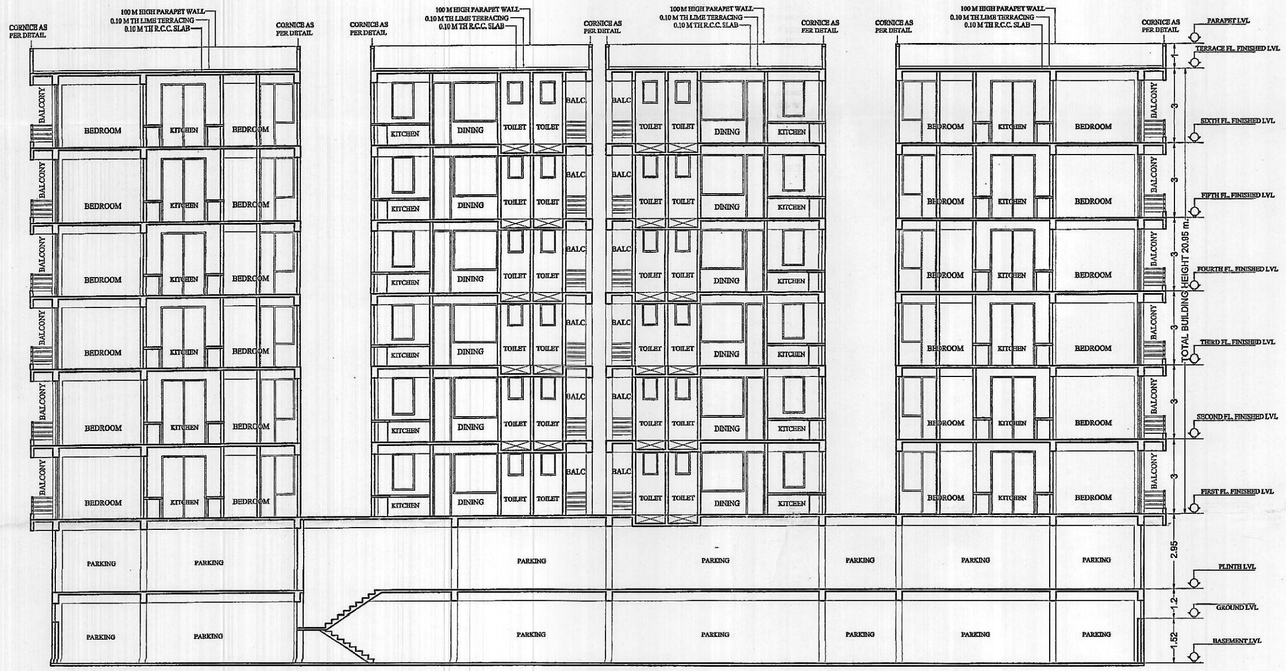

FRONT ELEVATION



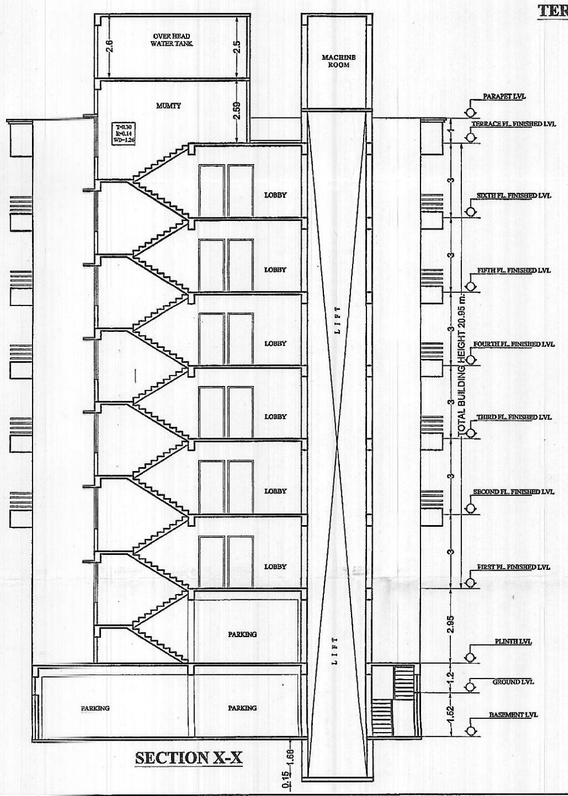

SOUTH SIDE ELEVATION




TERRACE FLOOR PLAN (1:200)




SECTION Y-Y




SECTION X-X

## SCHEDULE OF DOORS & WINDOWS

| SL.NO | TYPE | WIDTH | HEIGHT | SILL | LINTEL | DESCRIPTION |
|---|---|---|---|---|---|---|
| 1 | D | 1.07 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 2 | D1 | 0.99 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 3 | D2 | 0.91 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 4 | D3 | 0.76 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 5 | W | 1.83 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
| 6 | W1 | 1.37 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
| 7 | W2 | 1.37 | AS PER ELEVATION | AS PER ELEVATION | | FULLY GLAZED |
| 8 | W3 | 0.91 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
| 9 | W4 | 0.91 | 1.22 | 1.07 | 2.29 | FULLY GLAZED |
| 10 | W5 | 0.91 | 0.91 | 1.37 | 2.29 | FULLY GLAZED LOUVER |
| 11 | DW | 1.42 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
| 12 | DW1 | 0.97 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |

## SPECIFICATION

1. R.C.C UNDER REAMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
2. 1ST CLASS BRICK WORK IN CEMENT MORTER(1:6) IN SUPER STRUCTURE.
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION.
4. 0.03 I.P.S. FLOORING OVER 0.75 DRY RUMMED KHOA , OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING.
5. 0.050 TH D.P.C. ON P.L. ALL ROUND THE BUILDING.
6. 0.110 TH LIME CONCRETE OVER 0.100TH R.C.C. SLAB.
7. 0.15 TH R.C.C. BAND AT DOORS & WINDOWS OPENINGS.
8. 0.12 CEMENT PLASTER ON BOTH SIDE OF WALL.
9. WHITE & COLOUR WASH AS PER CHOICE.

## FIRE LEGEND

1. HYDRANT LAYOUT VALVE WET
2. HOSE REEL
3. SEAMESE CONNECTION FOR FIRE BRIDGE USE TO THE WET RISING SYSTEM
4. MANUAL CALL POINT
5. INDICATER PANEL
6. AREA COVERAGE BY SMOKE DETECTORS
7. FIRE ALARM CALL POINT
8. AUDIABLE WARNING DEVICE
9. FIRE EXSTINGUISHER
10. SPRINKLERS
11. OVER HEAD WATER TANK
12. UNDER GROUND WATER TANK WITH AUTOMATIC REFILLING ARRANGEMENT
13. F.R. DOOR
14. MICROPHONE CONNECTION
15. LOUDSPEAKER OUT LET
16. LIGHTING POINT CONNECTED TO AN EMERGENCY SYSTEM
17. GROUND HYDRANT

## PLOT DETAILS .

PROPOSED RESIDENTIAL BUILDING FOR
SMT. DHANWANTI DEVI
W/O LATE BALESHWAR YADAV AND
SRI SUKHENDRA YADAV
S/O LATE BUDDHAN YADAV AT
M.S. PLOT NO.- 766, 767, 768(NEW), 527(OLD)
KHATA NO.- 193(NEW), 102(OLD),
MAUZA - CHANDAUTI, TAUZI NO.- 4100
WARD NO. 29, THANA NO. 180
HOLDING NO. 199(NEW), 528(OLD) ,
THANA- CHANDAUTI, CHANDAUTI, GAYA.

| NORTH | SCALE | DRG.NO. |
|---|---|---|
| | 1:100<br>1:200 | 01/02 |

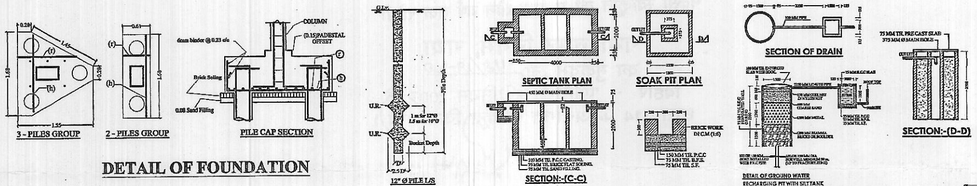
SIGN. OF OWNER

Structure design certified by
Er. Kumar Ujjwal
GMC Gaya Reg. Structure Engg.
Reg. No.-St-S/2015-16

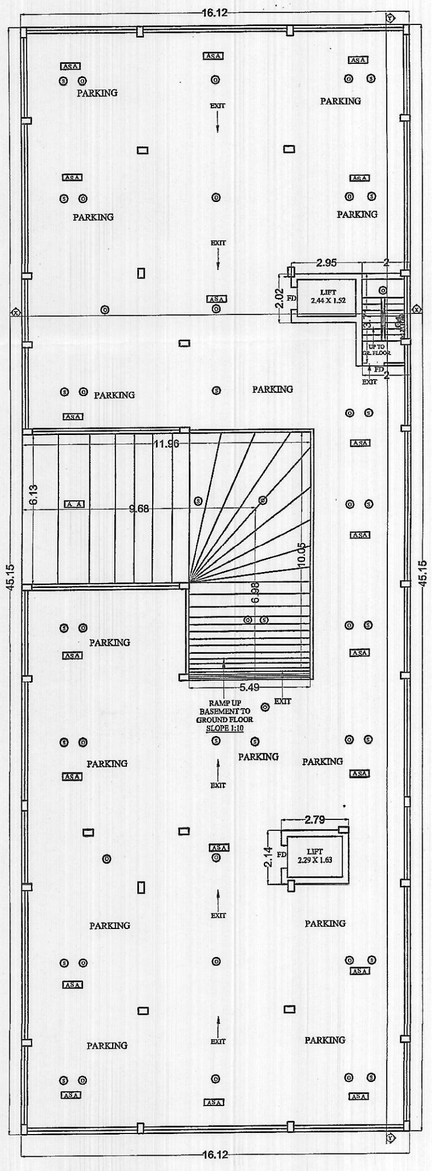
SIGN. OF ENGINEER / STRUCTURE ENGINEER

Ar. ABHISHEK KUMAR
REGISTERED ARCHITECT
GAYA MUNICIPAL CORPORATION
REGISTRATION No.- A-22/1-17

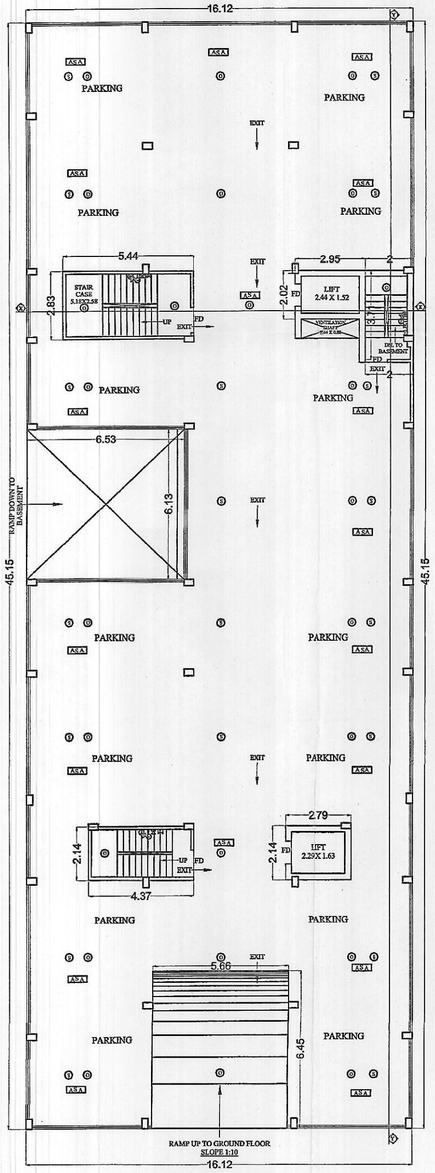
SIGN. OF ARCHITECT



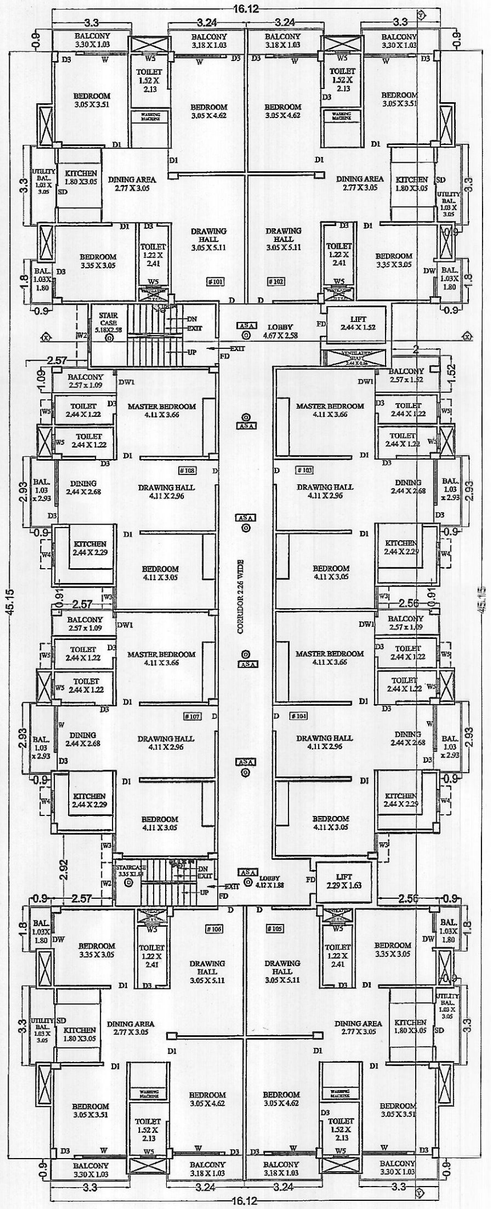

## DETAIL OF FOUNDATION



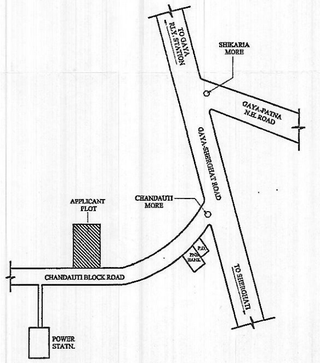

## BASEMENT FLOOR PLAN



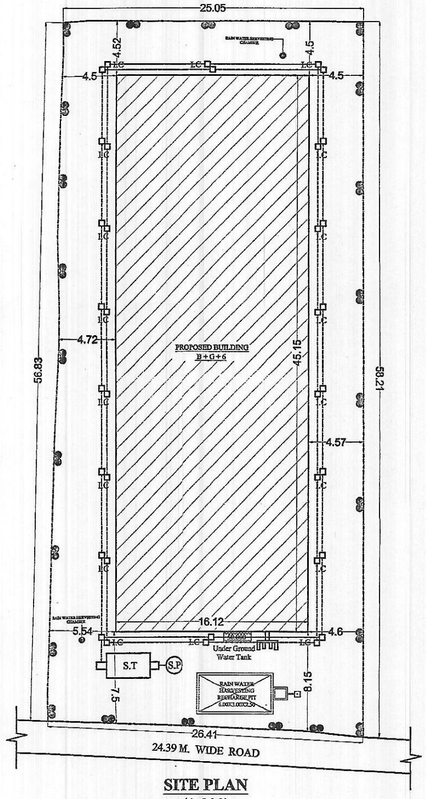

## GROUND FLOOR PLAN




## TYPICAL FLOOR PLAN (1ST TO 6TH FLOOR)




## LOCATION PLAN




## SITE PLAN (1:200)

### AREA CALCULATION

| | |
|---|---|
| TOTAL PLOT AREA AS PER DEED | 1479.98 sqm |
| TOTAL PLOT AREA AS ON SITE | 1479.98 sqm |
| AREA LEFT FOR ROAD WIDENING | 0.00 sqm |
| NET PLOT AREA | 1479.98 sqm |
| BASEMENT FLOOR B.U. AREA | 18.30 sqm |
| GROUND FLOOR B.U. AREA | 11.15 sqm |
| FIRST FLOOR B.U. AREA | 733.08 sqm |
| SECOND FLOOR B.U. AREA | 733.08 sqm |
| THIRD FLOOR B.U. AREA | 733.08 sqm |
| FOURTH FLOOR B.U. AREA | 733.08 sqm |
| FIFTH FLOOR B.U. AREA | 733.08 sqm |
| SIXTH FLOOR B.U. AREA | 733.08 sqm |
| **BUILTUP AREA** | **4427.93 sqm** |
| AREA OF BALCONY TYPICAL FLOOR = 52.44 X 6 | 314.64 sqm |
| 50% OF BALCONY AREA DEDUCTED FOR F.A.R.= | 157.32 sqm |
| **TOTAL BUILTUP AREA** | **4270.61 sqm** |
| **F.A.R. ACHIEVED** | **2.885** |

### PARKING CALCULATION

| | |
|---|---|
| TOTAL BUILTUP AREA | 4427.93 sqm |
| 30% TOTAL BUILTUP AREA | 1328.38 sqm |
| AREA REQUIRED FOR PARKING | 1328.38 sqm |
| AREA PROVIDED FOR PARKING | |
| ON BASEMENT FLOOR | 709.96 sqm |
| ON GROUND FLOOR | 649.44 sqm |
| TOTAL AREA PROVIDED FOR PARKING | 1359.40 sqm |

### WATER SUPPLY CALCULATION

| | |
|---|---|
| TOTAL NO. OF UNITS | 48 nos. |
| TOTAL NO. OF PERSONS @ 48 X 6 = 288 | 288 nos. |
| ONE PERSON REQUIRED WATER = 135 LTR./DAY | 38880 ltr per day |
| TOTAL REQU. WATER = 138 X 288 = 38880 LTR./DAY | 38.88 cu.m. |
| VOLUME OF WATER TANK PROVIDED | 6.22 x 2.58 x (2.35 + 0.15) |
| TOTAL VOL. OF WATER TANK PROVIDED | 40.119 cu. m. |
| OVERHEAD WATER TANK FOR FIRE FIGHTING | 5.31 x 1.88 x (1.95 + 0.15) |
| | 20,000 Lt. |

### SEPTIC TANK CALCULATION

| | |
|---|---|
| TOTAL NO. OF UNITS = | 48 nos. |
| TOTAL NO. OF PERSONS = 6 X 48 PERSONS | 288 nos. |
| ONE PERSON REQUL VOLUME = | 0.085 CUM./DAY |
| TOTAL REQU. VOLUME = 288 X 0.085 = | 24.48 CUM./DAY |
| PROVIDED VOLUME OF SEPTIC TANK = | 5.00x3.00x(1.70+0.30) |
| VOLUME OF SEPTIC TANK PROVIDED | 30.00 cu. m. |

### RAIN WATER HARVESTING CALCULATION:-

REQUIRED 6 cum RECHARGING PIT/ TRENCH VOLUME
PER 100 SQM OF TERRACE AREA
SO, TERRACE AREA = 733.08 SQM
NEEDED VOLUME OF RECHARGING PIT =
(733.08/100) X 6 = 43.984 CUM
PROVIDED VOLUME OF RECHARGING PIT =
6.00 X3.00X2.50 = 45.00 CUM

### SCHEDULE OF DOORS & WINDOWS

| SL.NO | TYPE | WIDTH | HEIGHT | SILL | LINTH | DESCRIPTION |
|---|---|---|---|---|---|---|
| 1 | D | 1.07 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 2 | D1 | 0.99 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 3 | D2 | 0.91 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 4 | D3 | 0.76 | 2.29 | 0-0 | 2.29 | FLUSH DOOR |
| 5 | W | 1.83 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
| 6 | W1 | 1.37 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
| 7 | W2 | 1.37 | AS PER ELEVATION | AS PER ELEVATION | | FULLY GLAZED |
| 8 | W3 | 0.91 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
| 9 | W4 | 0.91 | 1.22 | 1.07 | 2.29 | FULLY GLAZED |
| 10 | W5 | 0.91 | 0.91 | 1.37 | 2.29 | FULLY GLAZED , LOUVER |
| 11 | DW | 1.42 | 1.38 | 0.91 | 2.29 | FULLY GLAZED |
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4. MANUAL CALL POINT
13.5X3.51
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7. FIRE ALARM CALL POINT
8. AUDIABLE WARNING DEIVICE
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| NORTH | SCALE | DRG.NO. |
|---|---|---|
| | 1:100<br>1:200 | 01/02 |

SIGN. OF OWNER

Structure design certified by
Er. Kumar Ujjwal
CMC, Gaya Reg. Structure Engg.
No.-SE 51/2015-16

SIGN. OF ENGINEER / STRUCTURE ENGINEER

Ar. ABHISHEK KUMAR
REGISTERED ARCHITECT
GAYA MUNICIPAL CORPORATION
REGISTRATION NO.- A-23/1517

SIGN. OF ARCHITECT