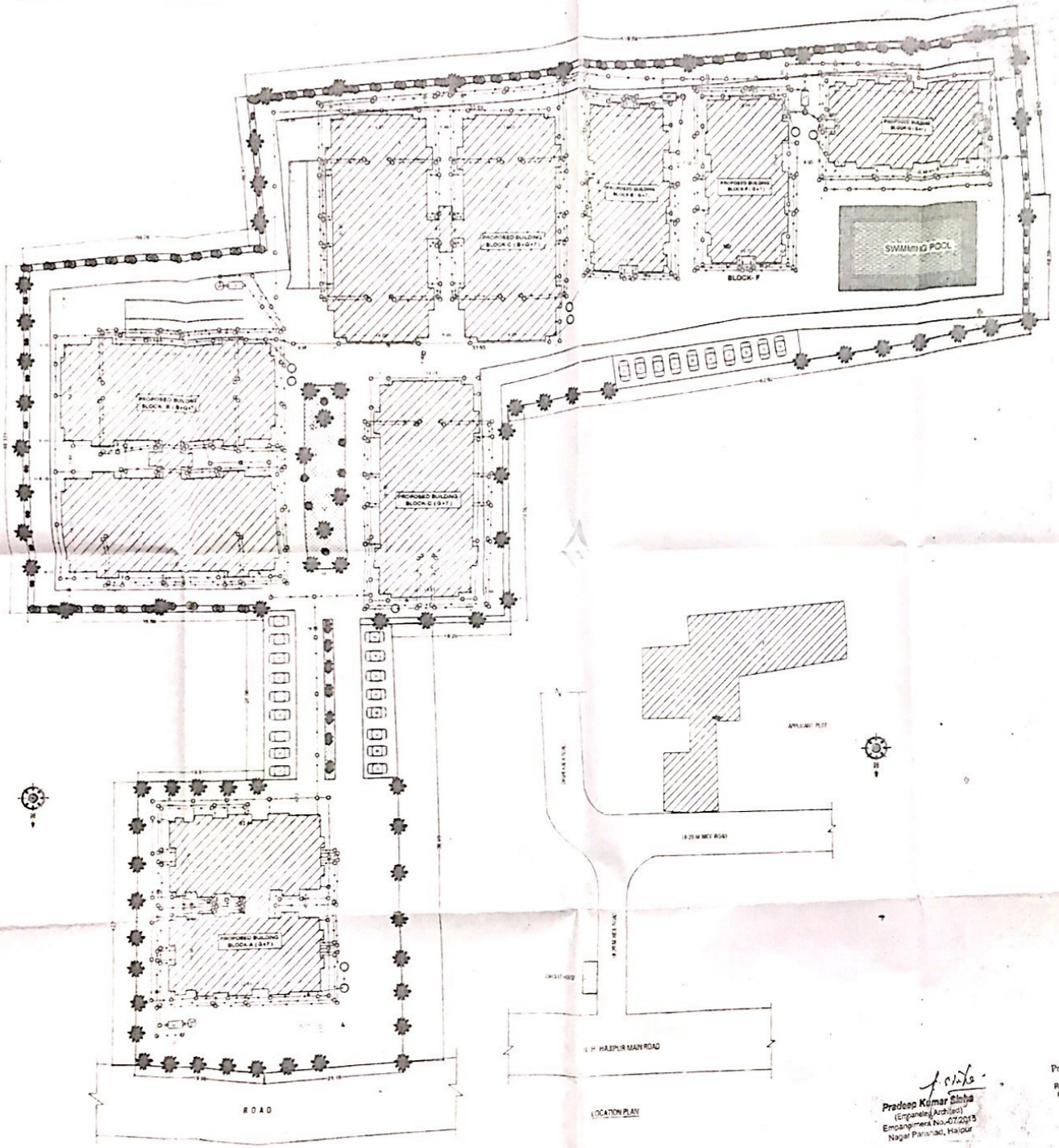



AREA STATEMENT BLOCK-A

| | |
|---|---|
| GROUND FLOOR B/U AREA | = 270.69 SQM |
| FIRST FLOOR B/U AREA | = 378.22 SQM |
| 2ND FLOOR B/U AREA | = 856.22 SQM |
| 3RD FLOOR B/U AREA | = 856.22 SQM |
| 4TH FLOOR B/U AREA | = 856.22 SQM |
| 5TH FLOOR B/U AREA | = 856.22 SQM |
| 6TH FLOOR B/U AREA | = 856.22 SQM |
| 7TH FLOOR B/U AREA | = 856.22 SQM |
| TOTAL B/U AREA | = 6,007.61 SQM |

AREA STATEMENT BLOCK-B

| | |
|---|---|
| BASEMENT FLOOR B/U AREA | = 93.81 SQM |
| GROUND FLOOR B/U AREA | = 94.00 SQM |
| FIRST FLOOR B/U AREA | = 957.51 SQM |
| 2ND FLOOR B/U AREA | = 957.51 SQM |
| 3RD FLOOR B/U AREA | = 957.51 SQM |
| 4TH FLOOR B/U AREA | = 957.51 SQM |
| 5TH FLOOR B/U AREA | = 957.51 SQM |
| 6TH FLOOR B/U AREA | = 957.51 SQM |
| TOTAL B/U AREA | = 6,992.54 SQM |

AREA STATEMENT BLOCK-C

| | |
|---|---|
| BASEMENT FLOOR B/U AREA | = 93.80 SQM |
| GROUND FLOOR B/U AREA | = 94.00 SQM |
| FIRST FLOOR B/U AREA | = 957.51 SQM |
| 2ND FLOOR B/U AREA | = 957.51 SQM |
| 3RD FLOOR B/U AREA | = 957.51 SQM |
| 4TH FLOOR B/U AREA | = 957.51 SQM |
| 5TH FLOOR B/U AREA | = 957.51 SQM |
| 6TH FLOOR B/U AREA | = 957.51 SQM |
| TOTAL B/U AREA | = 6,992.54 SQM |

AREA STATEMENT BLOCK-D

| | |
|---|---|
| GROUND FLOOR B/U AREA | = 87.81 SQM |
| FIRST FLOOR B/U AREA | = 460.64 SQM |
| 2ND FLOOR B/U AREA | = 460.64 SQM |
| 3RD FLOOR B/U AREA | = 460.64 SQM |
| 4TH FLOOR B/U AREA | = 460.64 SQM |
| 5TH FLOOR B/U AREA | = 460.64 SQM |
| 6TH FLOOR B/U AREA | = 460.64 SQM |
| 7TH FLOOR B/U AREA | = 460.64 SQM |
| TOTAL B/U AREA | = 3,851.71 SQM |

AREA STATEMENT BLOCK-E

| | |
|---|---|
| GROUND FLOOR B/U AREA | = 26.00 SQM |
| FIRST FLOOR B/U AREA | = 274.65 SQM |
| 2ND FLOOR B/U AREA | = 274.65 SQM |
| 3RD FLOOR B/U AREA | = 274.65 SQM |
| 4TH FLOOR B/U AREA | = 274.65 SQM |
| 5TH FLOOR B/U AREA | = 274.65 SQM |
| 6TH FLOOR B/U AREA | = 274.65 SQM |
| 7TH FLOOR B/U AREA | = 274.65 SQM |
| TOTAL B/U AREA | = 1,948.35 SQM |

AREA STATEMENT BLOCK-F

| | |
|---|---|
| GROUND FLOOR B/U AREA | = 26.00 SQM |
| FIRST FLOOR B/U AREA | = 274.65 SQM |
| 2ND FLOOR B/U AREA | = 274.65 SQM |
| 3RD FLOOR B/U AREA | = 274.65 SQM |
| 4TH FLOOR B/U AREA | = 274.65 SQM |
| 5TH FLOOR B/U AREA | = 274.65 SQM |
| 6TH FLOOR B/U AREA | = 274.65 SQM |
| 7TH FLOOR B/U AREA | = 274.65 SQM |
| TOTAL B/U AREA | = 1,948.35 SQM |

AREA STATEMENT BLOCK-G

| | |
|---|---|
| GROUND FLOOR B/U AREA | = 26.00 SQM |
| FIRST FLOOR B/U AREA | = 274.65 SQM |
| 2ND FLOOR B/U AREA | = 274.65 SQM |
| 3RD FLOOR B/U AREA | = 274.65 SQM |
| 4TH FLOOR B/U AREA | = 274.65 SQM |
| 5TH FLOOR B/U AREA | = 274.65 SQM |
| 6TH FLOOR B/U AREA | = 274.65 SQM |
| 7TH FLOOR B/U AREA | = 274.65 SQM |
| TOTAL B/U AREA | = 1,948.35 SQM |

TOTAL PLOT AREA = 18036.41 SQM
TOTAL BUILT UP AREA
BLOCK- A + BLOCK - B + BLOCK - C + BLOCK -D + BLOCK - E +BLOCK - F + BLOCK - G
TOTAL BUILTUP AREA = 24767.65 SQM
F.A.R = 2.32

WATER HARVESTING CALCULATION

360 SQM=6 CUM REQUIRED
TOTAL TERRACE AREA = 2693.83 SQM
2693.83/ 100 = 26.93 X6 = 221.63 CUM.

PARKING CALCULATION

TOTAL BUILT UP AREA 24767.65 SQM.
24767.65 OF 25% = 6191.91 SQM.
PROVIDED - 7000 SQM.

FIRE LEGEND

PROPOSED RESIDENTIAL BUILDING FOR VAISHALI PARK FOR MAKAN DEVELOPERS ( I ) PVT.LTD. AT HAJIPUR, MAUZA- DIGHI KALA,THANA- HAJIPUR, THANA NO - 105,KHATA NO - 969,971,1231, 155,1020,1221,1201, PLOT NO - 1688,1693, 1691,1654,1670,1640, 1635,1566,4672,1576, DIST - VAISHALI

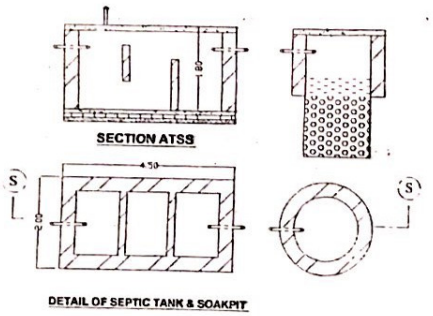
NORTH | SCALE 1:100 1:200 | DRG NO 01

VAISHALI PARK FOR MAKAN DEVELOPERS (I) PVT. LTD.
PROPOSED RESIDENTIAL BUILDING
DIRECTOR

SIGN OF OWNER | SIGN OF ARCHITECT

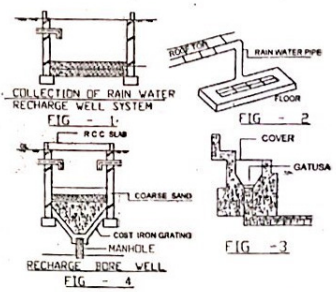
Pradeep Kumar Sinha
(Empanelled Architect)
Empanelment No.-07/2015
Nagar Parishad, Hajipur

Pradeep Kumar Sinha
(Registered Architect)
Regd. No.-CA/98/12804
Council of Architecture

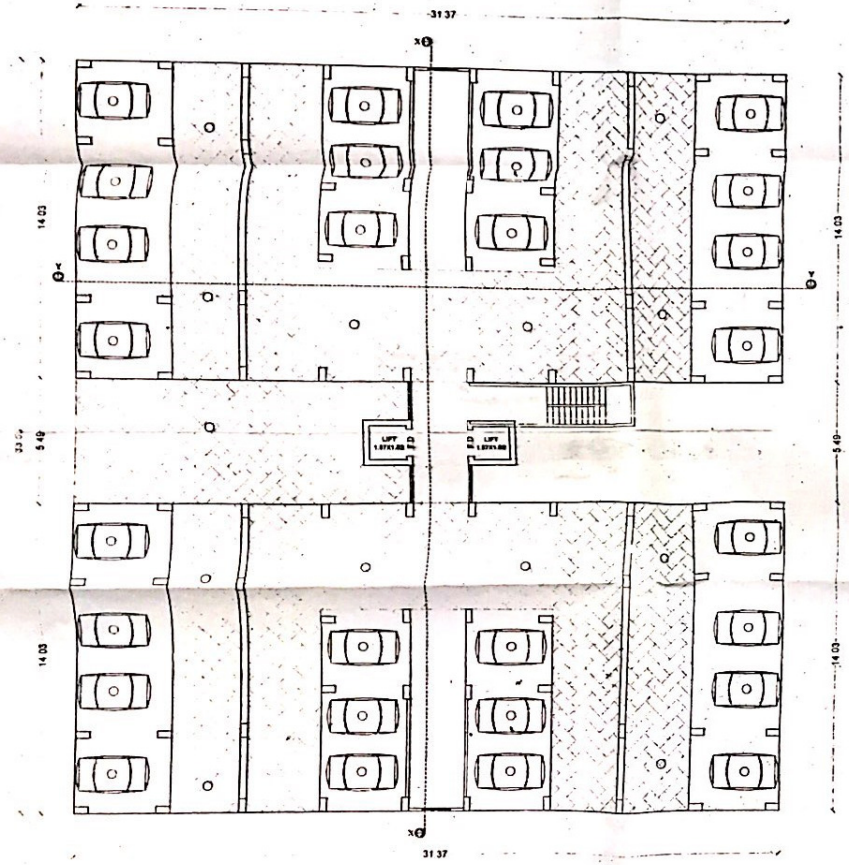






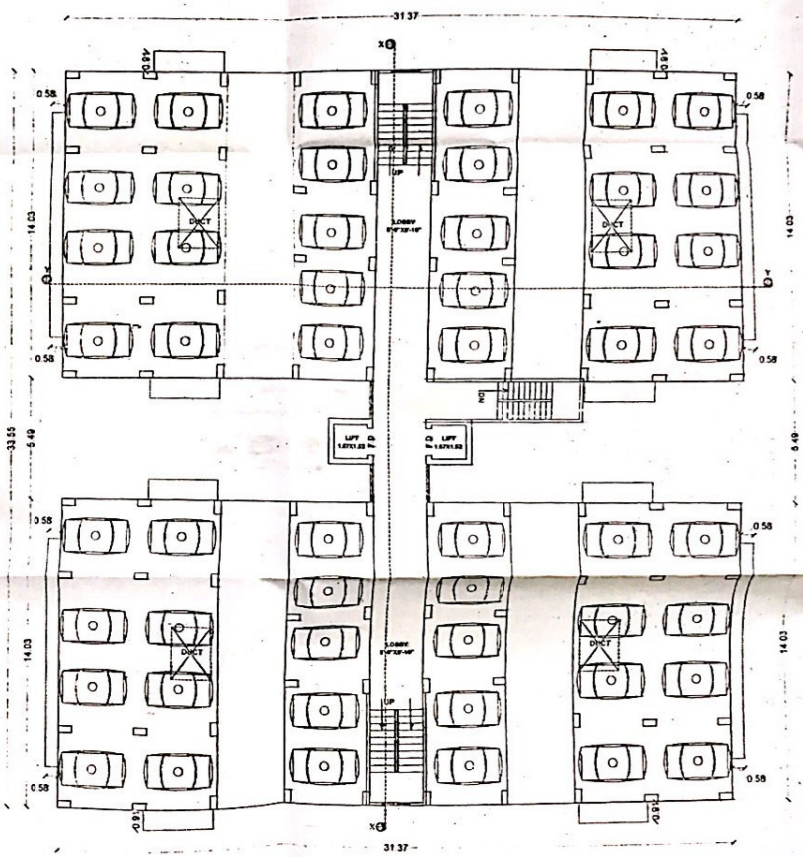



DETAILS OF WATER HARVESTING




BASEMENT FLOOR PLAN BLOCK- ( B )

SCALE- 1:100




GROUND FLOOR PLAN BLOCK- ( B )

SCALE- 1:100

## SPECIFICATION

1 R.C.C UNDER REINFORCED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
2 1ST CLASS BRICK WORK IN C.M. (1:6) IN SUPERSTRUCTURE IN SUPER STRUCTURE
3 HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION
4 0.03 I.P.S. FLOORING OVER 0.75 DRY REMIXED MIX 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

SCHEDULE OF DOORS & WINDOWS

## SCHEDULE OF DOORS & WINDOWS

| SL NO | TYPE | WIDTH | SILL | HEIGHT |
|---|---|---|---|---|
| 1 | FD | 1.00 | 0.00 | 2.10 |
| 2 | D | 1.07 | 0.00 | 2.13 |
| 3 | D1 | 0.98 | 0.00 | 2.13 |
| 4 | D2 | 0.83 | 0.00 | 2.13 |
| 5 | D3 | 0.76 | 0.00 | 2.13 |
| 6 | W | 1.83 | 0.91 | 2.13 |
| 7 | W1 | 1.52 | 0.91 | 2.13 |
| 8 | W2 | 1.37 | 0.91 | 2.13 |
| 9 | W3 | 1.12 | 0.91 | 2.13 |
| 10 | W4 | 0.91 | 0.91 | 2.13 |
| 11 | W5 | 0.91 | 0.91 | 2.13 |
| 12 | W6 | 1.22 | 0.91 | 2.13 |
| 13 | W7 | 0.46 | 1.52 | 2.13 |
| 14 | W8 | 1.71 | 0.91 | 2.13 |

## PARKING CALCULATION

TOTAL NO OF FLAT = 56
ONE FLAT REQU ONE CAR PARKING
TOTAL REQU CAR PARKING = 56 NOS
ONE CAR PARKING REQU AREA = 29.90 SQ.M.
TOTAL REQU CAR PARKING = 29.90 × 56 = 1150.0 SQ.M.
PROVIDE CAR PARKING COVERED = 1672.88 SQM

## WATER TANK CALCULATION

TOTAL NO OF FLAT = 56 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON = 56 X 6 = 336
ONE PERSON REQU WATER = 135 LTR./DAY
TOTAL REQU WATER = 135 LTR. × 336 = 45360 LTR/DAY
TOTAL REQU AREA OF WATER TANK = 32.40 CUM
PROVIDE AREA OF WATER TANK
SIZE = 14.65(L) × 3.81(B) × 3.0(H) = 40.80 CUM

## SEPTIC TANK CALCULATION

TOTAL NO OF FLAT = 56
ONE FLAT 6 PERSON
TOTAL NO OF PERSON = 56 X 6 = 336
ONE PERSON REQU AREA = 0.085 CUM/DAY
TOTAL REQU AREA = 336 X 0.085 = 28.56 CUM/DAY
PROVIDE AREA OF SEPTIC TANK
(SIZE) = 3.05(L) × 3.05(B) × 3.0(H)
TOTAL AREA OF SEPTIC TANK = 27.90 CUM

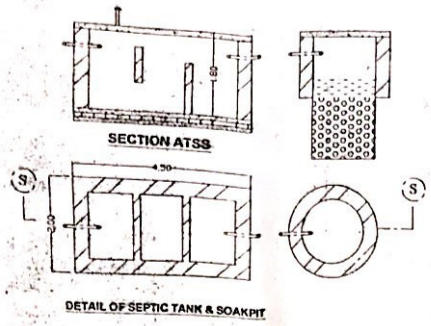
PROPOSED RESIDENTIAL BUILDING FOR VAISHALI PARK FOR MAKAN DEVELOPERS ( I ) PVT.LTD. AT HAJIPUR, MAUZA- DIGHI KALA, THANA- HAJIPUR, THANA NO -105, KHATA NO - 949,673,121, 133,1020,1223,120, PLOT NO - 1688,1693, 1691,1654,1670,1640,1635,1566,4672,1576, DIST - VAISHALI.

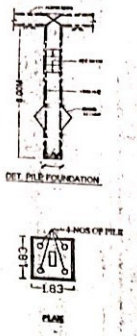
| NORTH | BLOCK-B | SCALE | DRG NO |
|---|---|---|---|
| | | 1:100<br>1:200 | 01 |

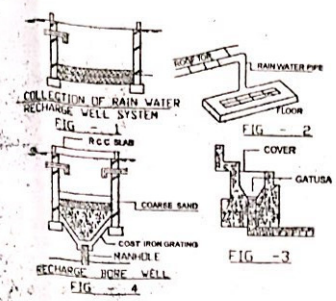
Pradeep Kumar Sinha
(Registered Architect)
Regd. No.-CA/90/12808
Council of Architecture

9/7/14

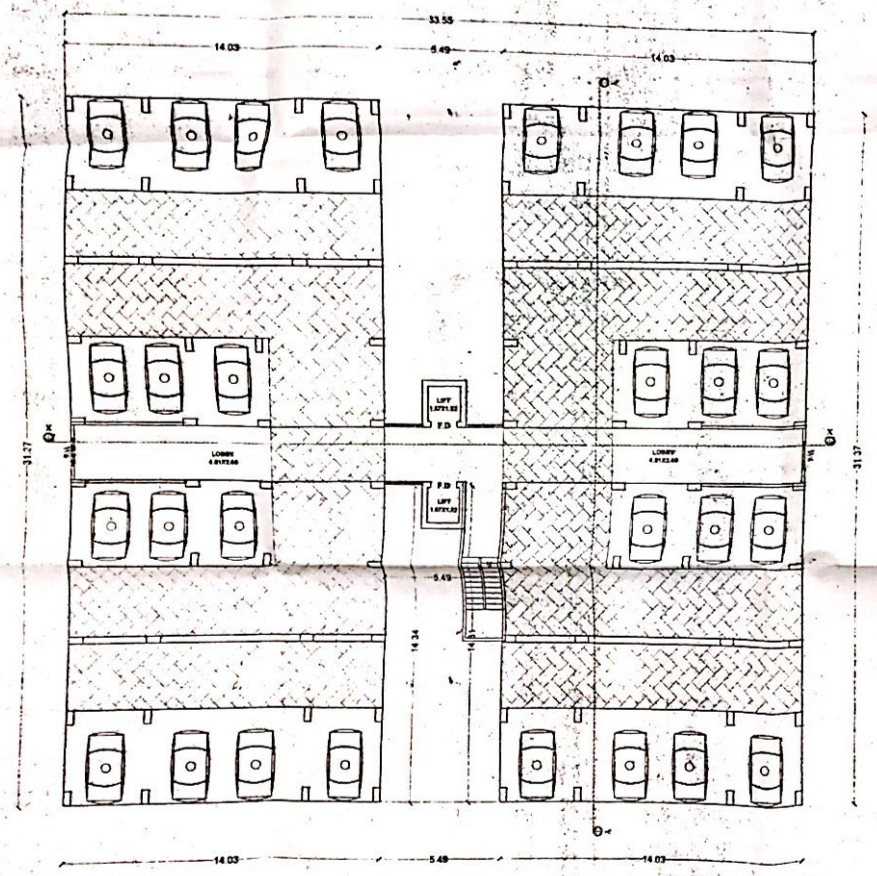
सह अधिसाय अधीक्षक-सह-निरीक्षक,
निबंधन एवं मुद्रांक संख्या,
हाजीपुर, वैशाली




DETAILS OF WATER HARVESTING




BASEMENT FLOOR PLAN BLOCK- (C)
SCALE-1:100




GROUND FLOOR PLAN BLOCK- (C)
SCALE-1:100

## SPECIFICATION

1 R.C.C.UNDER REINFORCED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING
2 10/12 GLASS BRICK MASONRY IN CEMENT MORTER (1:4) IN 15 MM THICK PLASTER & 5 PUNCTURE
3 HEIGHT OF PLINTH FLOOR ABOVE G.L.
4 5(3) I.P.S. FLOORING OVER 5 MM THICK PRESTED MARBLE CHIPS OVER FLAT SHOCK SCALING OVER LOCAL MARBLE CHIPS
5 250 THICK P.C.C. ON P.L. ALL ROUND THE BUILDING
6 110 THICK CONCRETE OVER @ 100TH R.C.C. SLAB
7 2.5 TH R.C.C. SUNSHADE AT DOORS & WINDOWS OPENINGS
8 12 CEMENT PLASTER ON BOTH SIDE OF WALL
9 WHITE & COLOUR WASH AS PER CHOICE

## SCHEDULE OF DOORS & WINDOWS

| SL NO. | TYPE | WIDTH | SILL | HEIGHT |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |

## PARKING CALCULATION

TOTAL NO OF FLAT = 56
ONE FLAT PROVI = ONE CAR PARKING
TOTAL REQUI CAR PARKING = 56 NOS
ONE CAR PARKING REQUI AREA = 23 SQ M.
TOTAL REQUI CAR PARKING AREA = 56 x 23 = 1150 SQ M.
PROVIDE CAR PARKING COVERED = 1412.88 SQ M

## WATER TANK CALCULATION

TOTAL NO OF FLAT = 56 NOS
ONE FLAT 4 PERSON
TOTAL NO OF PERSON = 56 X 4 = 224
ONE PERSON REQUI WATER = 135 LTR /DAY
TOTAL REQUI WATER = 135X 224 = 30240 LTR/DAY
TOTAL REQUI AREA OF WATER TANK = 27.00 SQ M
PROVIDE AREA OF WATER TANK
SIZE = 10.92 X 10.51 X 2.44 = 400.00 M

## SEPTIC TANK CALCULATION

TOTAL NO OF FLAT = 56
ONE FLAT 4 PERSON
TOTAL NO OF PERSON = 56 X 4 = 224
ONE PERSON REQUI AREA = 0.093 SQ M/DAY
TOTAL REQUI AREA = 224X 0.093 = 20.83 SQ M/DAY
PROVIDE AREA OF SEPTIC TANK
SIZE = 10.92 X 10.51 X 2.44 = 399.00 M
TOTAL AREA OF SEPTIC TANK = 399.00 M

PROPOSED RESIDENTIAL BUILDING FOR VAISHALI PARK FORMAKAN DEVELOPERS (I) PVT LTD AT HAJIPUR, MAUZA- DIGHI KALA THANA- HAJIPUR, THANA NO -105 KHATA NO.- 949,673,121, 135,1020,1223,120, PLOT NO.- 1688,1693, 1691,1654,1670,1640,1635,1566,4672,1576, DIST.- VAISHALI.

| NORTH | | SCALE | DRG NO |
|---|---|---|---|
| | BLOCK C | 1:100<br>1:200 | 01 |

Pradeep Kumar Sinha
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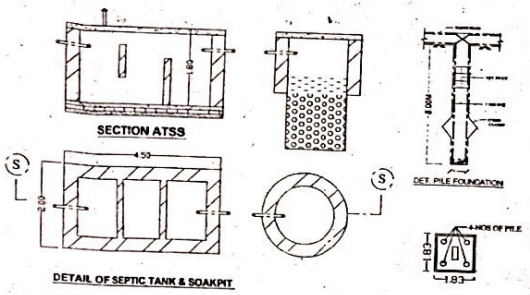
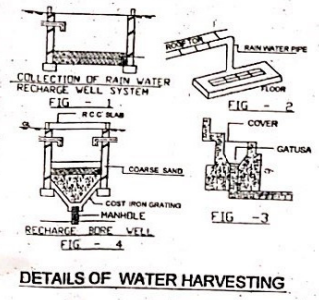
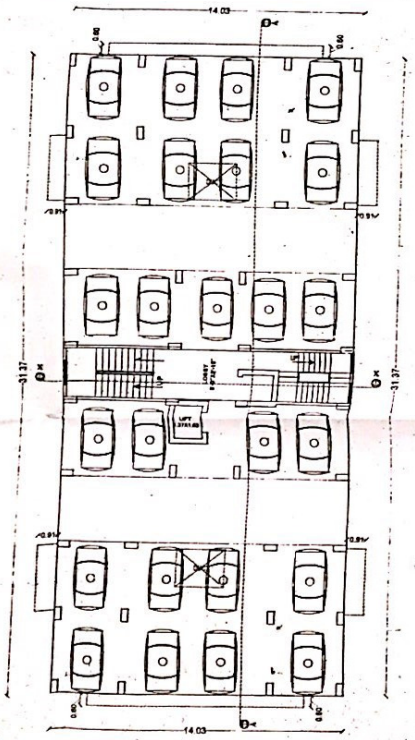
Regd. No.-CA/90/12504
Council of Architecture

8/11/16

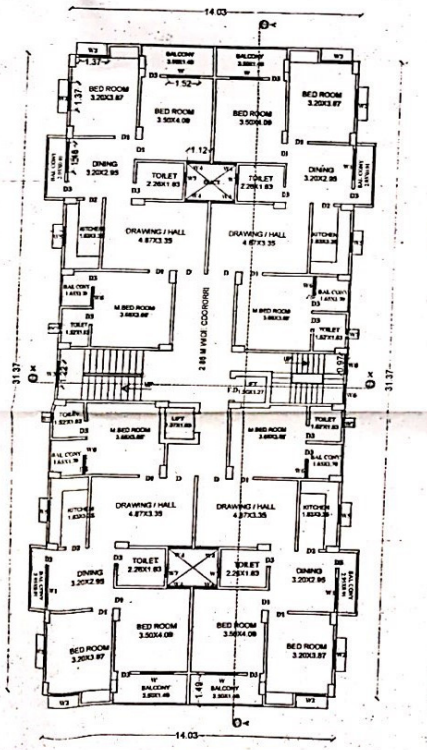


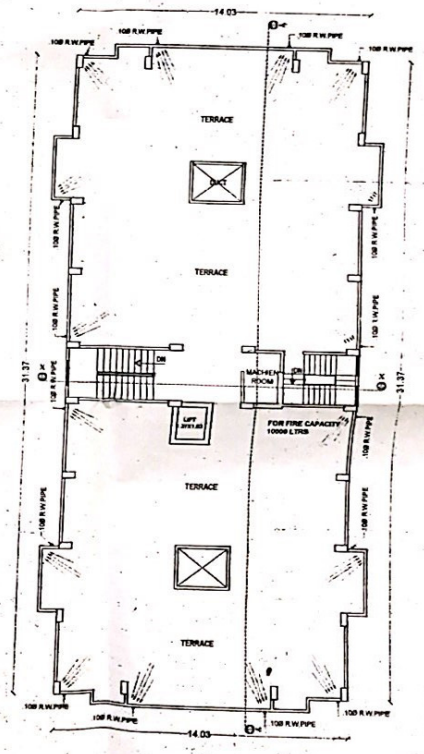

DETAILS OF WATER HARVESTING



GROUND FLOOR PLAN BLOCK- ( D )
SCALE-1:100



1ST,2ND,3RD,4TH,5TH,6TH & 7TH FLOOR PLAN BLOCK- ( D )
SCALE-1:100




TERRACEF LOOR PLAN BLOCK- ( D )
SCALE-1:100

## SPECIFICATION

1. R.C.C UNDER REMMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING
2. 1ST CLASS BRICK WORK IN CEMENT MORTERS 1:6 IN SUPER STRUCTURE
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION
4. 0.031 P.B. FLOORING OVER 0.75 DRY REMMED 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

## SCHEDULE OF DOORS & WINDOWS

| SL.NO. | TYPE | WIDTH | SILL | HEIGHT |
|---|---|---|---|---|
| 1 | F.D | 1.00 | 0.00 | [illegible] |
| 2 | D | 1.07 | 0.00 | [illegible] |
| 3 | D1 | 0.91 | 0.00 | [illegible] |
| 4 | D2 | 0.83 | 0.00 | [illegible] |
| 5 | D3 | 0.76 | 0.00 | [illegible] |
| 6 | W | 1.83 | 0.91 | [illegible] |
| 7 | W1 | 1.52 | 0.91 | [illegible] |
| 8 | W2 | 1.37 | 0.91 | [illegible] |
| 9 | W3 | 1.12 | 0.91 | [illegible] |
| 10 | W4 | 0.94 | 0.91 | [illegible] |
| 11 | W5 | 0.91 | 0.91 | [illegible] |
| 12 | W6 | 1.22 | 0.91 | [illegible] |
| 13 | W7 | 0.46 | 1.52 | [illegible] |

## PARKING CALCULATION

TOTAL NO. OF FLAT = 28
ONE FLAT REQU. ONE CAR PARKING
TOTAL REQU CAR PARKING = 28 NOS
ONE CAR PARKING REQU AREA = 20 SQ M
TOTAL REQU. CAR PARKING = 20X28= 560.00 SQM
PROVIDE CAR PARKING COVERED =[illegible] SQM

## WATER TANK CALCULATION

TOTAL NO. OF FLAT = 28 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON = 28 X 6 = 168
ONE PERSON REQU. WATER = 135 LTR/DAY
TOTAL REQU. WATER = 168X135 =22680 LTR/DAY
TOTAL REQU. AREA OF WATER TANK = 0.40 QUM
PROVIDE AREA OF WATER TANK
SIZE=3.05X2.13X1.00=FB=6.40QUM

## SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT = 28
ONE FLAT 6 PERSON
TOTAL NO OF PERSON = 28 X 6 = 168
ONE PERSON REQU. AREA = 0.085 QUM/DAY
TOTAL REQU. AREA =168X 0.085 =14.28 QUM/DAY
PROVIDE AREA OF SPTIC TANK
(SIZE)=3.05X1.52X1.52= 30.13
TOTAL AREA OF SPTIC TANK= 5.58 QUM

## WATER HARVESTING CALCULATION

100 SQM. & CUM REQURED
4871.89/ 100 = 48.71X6 = 292.26

PROPOSED RESIDENTIAL BUILDING FOR VAISHALI PARK FOR MAKAN DEVELOPERS ( I ) PVT LTD. AT HAJIPUR, MAUZA- DIGHI KALA, THANA- HAJIPUR, THANA NO -105,KHATA NO 949,673,121, 135,1020,1223,120, PLOT NO- 1688,1693, 1691,1654,1670,1640,1635,1566,4672,1576, DIST.- VAISHALI.

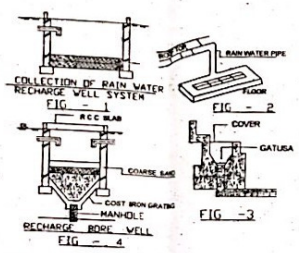
| NORTH | BLOCK-D | SCALE 1:100 1:200 | DRG.NO 01 |
|---|---|---|---|

SIGN OF STRUCTURE

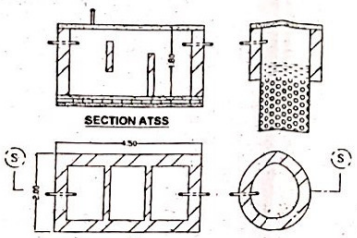
Pradeep Kumar Sinha
(Registered Architect)
Regd. No.-CA/90/12404
Council of Architecture

SIGN OF DEVELOPER

SIGN OF ARCHITECT

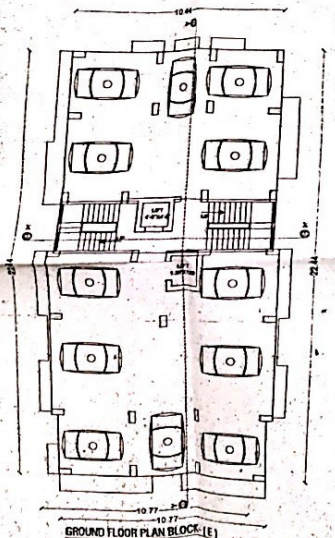



DETAILS OF WATER HARVESTING

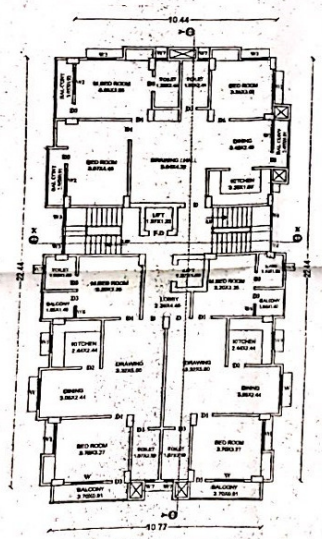



DETAIL OF SEPTIC TANK & SOAKPIT

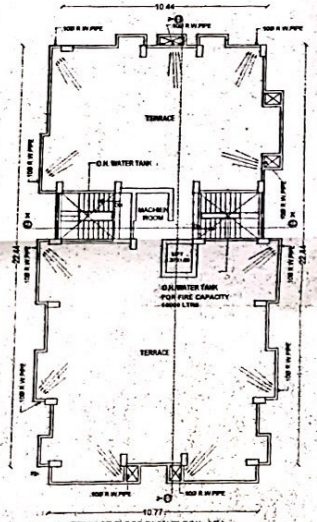



GROUND FLOOR PLAN BLOCK-(E)
SCALE-1:100




1ST,2ND,3RD,4TH,5TH ,6TH & 7TH FLOOR PLAN BLOCK-(E)
SCALE-1:100




TERRACE FLOOR PLAN BLOCK-(E)
SCALE-1:100

## SPECIFICATION

1. R.C.C UNDER REMMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING
2. 'D' GLASS BRICK WORK IN CEMENT MORTER(1:6) IN SUPER STRUCTURE
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION
4. 0.75 I.P.S. FLOORING OVER 0.75 DRY REMMED KHOA OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING
5. 0.100 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

## SCHEDULE OF DOORS & WINDOWS

| S.NO | TYPE | WIDTH | SILL | HEIGHT |
|---|---|---|---|---|
| 1 | [illegible] | 1.00 | 0.00 | 1.00 |
| 2 | [illegible] | 1.07 | 0.00 | 2.13 |
| 3 | [illegible] | 0.91 | 0.00 | 2.13 |
| 4 | [illegible] | 0.91 | 0.00 | 2.13 |
| 5 | [illegible] | 0.76 | 0.00 | 2.13 |
| 6 | [illegible] | 1.52 | 0.91 | 2.13 |
| 7 | [illegible] | 1.44 | 0.91 | 2.13 |
| 8 | [illegible] | 1.37 | 0.91 | 2.13 |
| 9 | [illegible] | 0.97 | 0.91 | 2.13 |
| 10 | [illegible] | 1.07 | 0.91 | 2.13 |
| 11 | [illegible] | 0.91 | 0.91 | 2.13 |
| 12 | [illegible] | 0.54 | 0.91 | 2.13 |
| 13 | [illegible] | [illegible] | 1.52 | 2.13 |

## PARKING CALCULATION

TOTAL NO OF FLAT = 21
ONE FLAT REQ. ONE CAR PARKING
TOTAL REQ. CAR PARKING = 21 NOS
ONE CAR PARKING REQ. AREA = 20 SQ. M
TOTAL REQ. CAR PARKING = 20X21 = 420.0 SQ. M
PROVIDE CAR PARKING COVERED = 487.13 SQM

## WATER TANK CALCULATION

TOTAL NO OF FLAT = 21 NOS
ONE FLAT 4 PERSON
TOTAL NO OF PERSON = 21 X 6 = 126
ONE PERSON REQ. WATER = 135 LTR/DAY
TOTAL REQ. WATER = 126X135 = 17010 LTR/DAY
TOTAL REQ. AREA OF WATER TANK = 3240 QU.M
PROVIDE AREA OF WATER TANK
[illegible]

## SEPTIC TANK CALCULATION

TOTAL NO OF FLAT = 21
ONE FLAT 6 PERSON
TOTAL NO OF PERSON = 21 X 6 = 126
ONE PERSON REQ. AREA = 0.083 QU.M/DAY
TOTAL REQ. AREA = 126X0.083 = 10.71 QU.M/DAY
PROVIDE AREA OF SEPTIC TANK
[illegible]
TOTAL AREA OF SEPTIC TANK = 5.58 QU.M

## WATER HARVESTING CALCULATION

100 SQM - 6 CUM REQURED
3139.80/100 = 31.39X6 = 188.34

PROPOSED RESIDENTIAL BUIEDING FOR VAISHALI PARK FOR MAKAN DEVELOPERS (I) PVT.LTD. AT HAJIPUR, MAUZA- DIGHI KALA,THANA- HAJIPUR, THANA NO -105,KHATA NO - 949,673,121, 135,1020,1223,120 PLOT NO.- 1688,1693, 1691,1654,1670,1640,1635,1566,4672,1576, DIST - VAISHALI

| NORTH | BLOCK-E | SCALE | DRG NO |
|---|---|---|---|
| | | 1:100<br>1:200 | 01 |

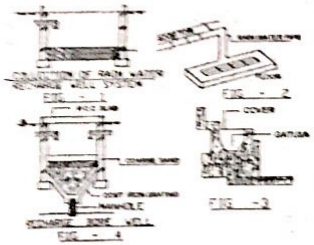
SHAILENDRA KUMAR
Structural Engineer
Empanelment No. SE/03/15
Patna Municipal Corporation

SIGN OF STRUCTURE

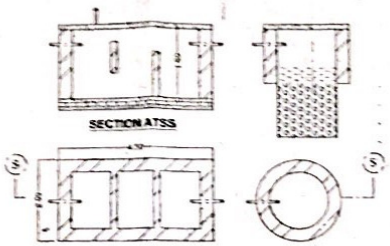
Pradeep Kumar Sinha
(Reg Valued Architect)
Regd. No. IDA/20/12/04
Council of Architecture

SIGN OF OWNER

SIGN OF ARCHITECT



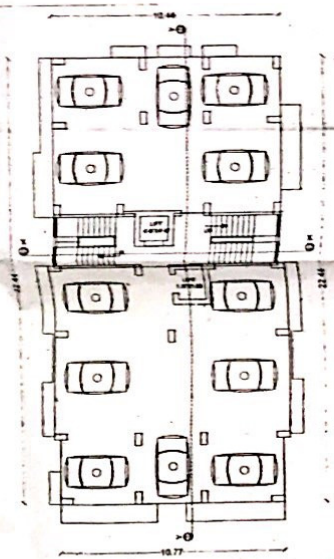
DETAILS OF WATER HARVESTING



SECTION AT SS

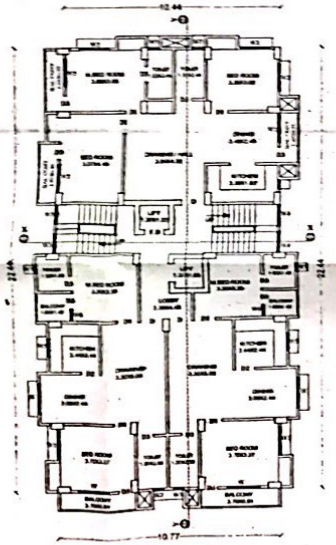
DETAIL OF SEPTIC TANK & SOAKPIT





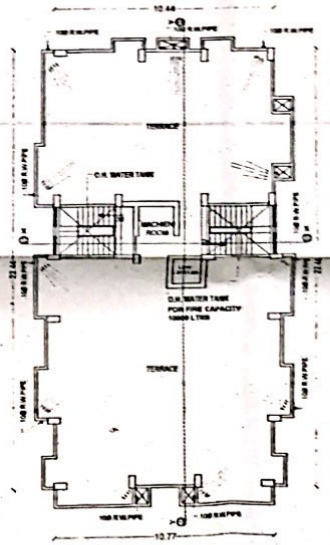
GROUND FLOOR PLAN BLOCK- (F)

SCALE-1:100



1ST,2ND,3RD,4TH,5TH ,6TH & 7TH FLOOR PLAN BLOCK- (F)

SCALE-1:100



TERRACE FLOOR PLAN BLOCK- (F)

SCALE-1:100

## SCHEDULE OF DOORS & WINDOWS

| SL.NO | TYPE | WIDTH | NOS | HEIGHT |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |

## PARKING CALCULATION

## SEPTIC TANK CALCULATION

## WATER HARVESTING CALCULATION

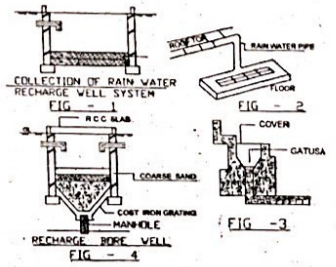
100 SQMI- 6 CUM REQUIRED

PROPOSED RESIDENTIAL BUILDING FOR VAISHALI PARK FOR MAKAN DEVELOPERS (I) PVT LTD AT HAJIPUR, MAUZA- DIGHI KALA,THANA- HAJIPUR, THANA NO.-105,KHATA NO.- 949,673,1321, 155,1020,1225,120, PLOT NO.- 1688,1693, 1691,1654,1670,1640,1675,1566,4672,1576, DIST - VAISHALI

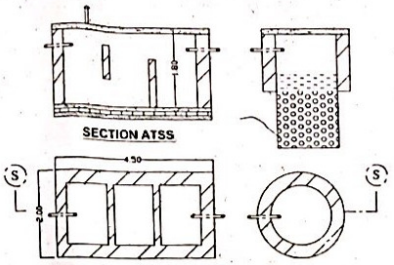
| NORTH | BLOCK F | SCALE | DRG NO |
|---|---|---|---|
| | | 1:100<br>1:200 | 01 |

SIGN. OF STRUCTURE

SIGN. OF ARCHITECT



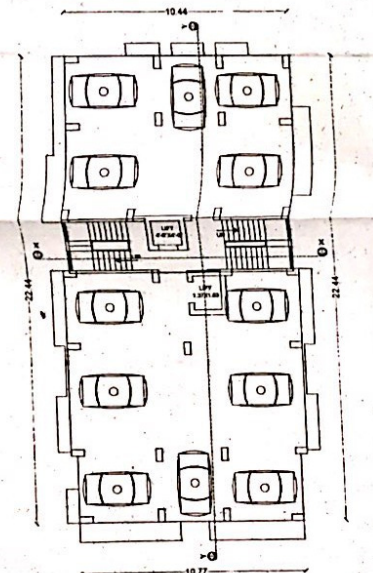

## DETAILS OF WATER HARVESTING




DETAIL OF SEPTIC TANK & SOAKPIT

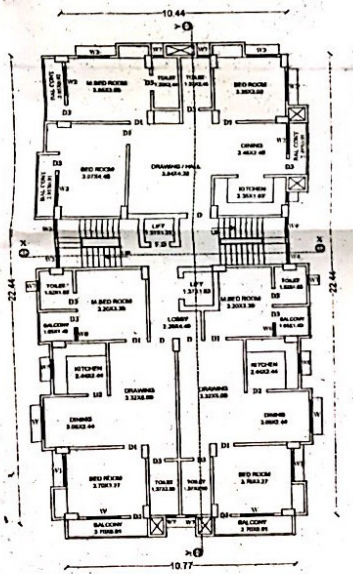



PLAN



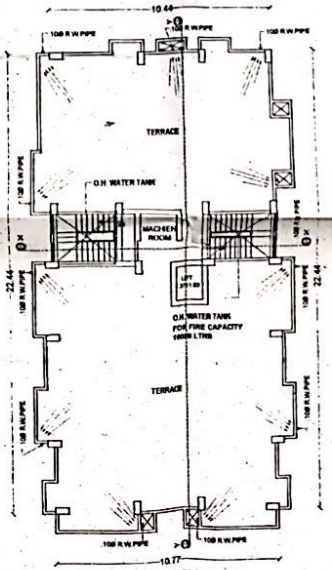

GROUND FLOOR PLAN BLOCK- (G)

SCALE-1:100




1ST,2ND,3RD,4TH,5TH ,6TH & 7TH FLOOR PLAN BLOCK- (G)

SCALE-1:100




TERRACE FLOOR PLAN BLOCK- (G)

SCALE-1:100

### SPECIFICATION

1 R.C.C.UNDER BEAMS, COLUMNS & 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 FROM AREA SHOWN IN SECTION
4 0.03 I.P.S. FLOORING OVER 0.75 DRY RAMMED 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 0.100 Th 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

### SCHEDULE OF DOORS & WINDOWS

| SL.NO. | TYPE | WIDTH | SILL | HEIGHT |
|---|---|---|---|---|
| 1 | F.D | 1.00 | 0.00 | 1.98 |
| 2 | D | 1.07 | 0.00 | 2.13 |
| 3 | D1 | 0.91 | 0.00 | 2.13 |
| 4 | D2 | 0.85 | 0.00 | 2.13 |
| 5 | D3 | 0.76 | 0.00 | 2.13 |
| 6 | W | 1.52 | 0.91 | 2.13 |
| 7 | W1 | 1.44 | 0.91 | 2.13 |
| 8 | W2 | 1.37 | 0.91 | 2.13 |
| 9 | W3 | 0.97 | 0.91 | 2.13 |
| 10 | W4 | 1.07 | 0.91 | 2.13 |
| 11 | W5 | 0.91 | 0.91 | 2.13 |
| 12 | W6 | 0.64 | 0.91 | 2.13 |
| 13 | V | 0.46 | 1.52 | 2.13 |

### PARKING CALCULATION

TOTAL NO OF FLAT = 21
ONE FLAT 01 CAR PARKING
TOTAL REQUIRED CAR PARKING =21 NOS
ONE CAR PARKING AREA = 25 SQ M
TOTAL CAR PARKING = 25*21= 470.0 SQ M
PROVIDED CAR PARKING COVERED =487.1 SQM

### WATER TANK CALCULATION

TOTAL NO OF FLAT = 21 NOS
1+6 FLAT=7 PERSON
TOTAL NO OF PERSON = 12x3=36
ONE PERSON WISE WATER = 135 LTR/DAY
TOTAL REQUIRED WATER = 135*36=4860 LTR/DAY
TOTAL ROOF AREA OF WATER TANK =1340 QM
PROVIDED AREA OF WATER TANK
SIZE =13.5X2.5X1.5=50.62 CUM

### SEPTIC TANK CALCULATION

TOTAL NO OF FLAT = 21
ONE FLAT=12 PERSON
TOTAL NO OF PERSON =12x3=144
ONE PERSON WISE WATER =135 LTR/DAY
TOTAL REQUIRED WATER =135X144=19440 LTR/DAY
PROVIDED ARE FOR SEPTIC TANK
SIZE =10.5X2.5X1.5=39.37 CUM
TOTAL REQUIRED SEPTIC TANK= 3.5X1.5X3M

### WATER HARVESTING CALCULATION

100 SQM- 6 CUM REQUIRED
3139.80/100 = 31.39X6 = 188.34

PROPOSED RESIDENTIAL BUILDING FOR VAISHALI PARK FOR MAKAN DEVELOPERS ( I ) PVT.LTD AT HAJIPUR, MAUZA- DIGHI KALA,THANA- HAJIPUR, THANA NO -105,KHATA NO - 949,673,121, 135,1020,1223,120, PLOT NO - 1688,1693, 1691,1654,1670,1640,1635,1566,4672,1576, DIST - VAISHALI

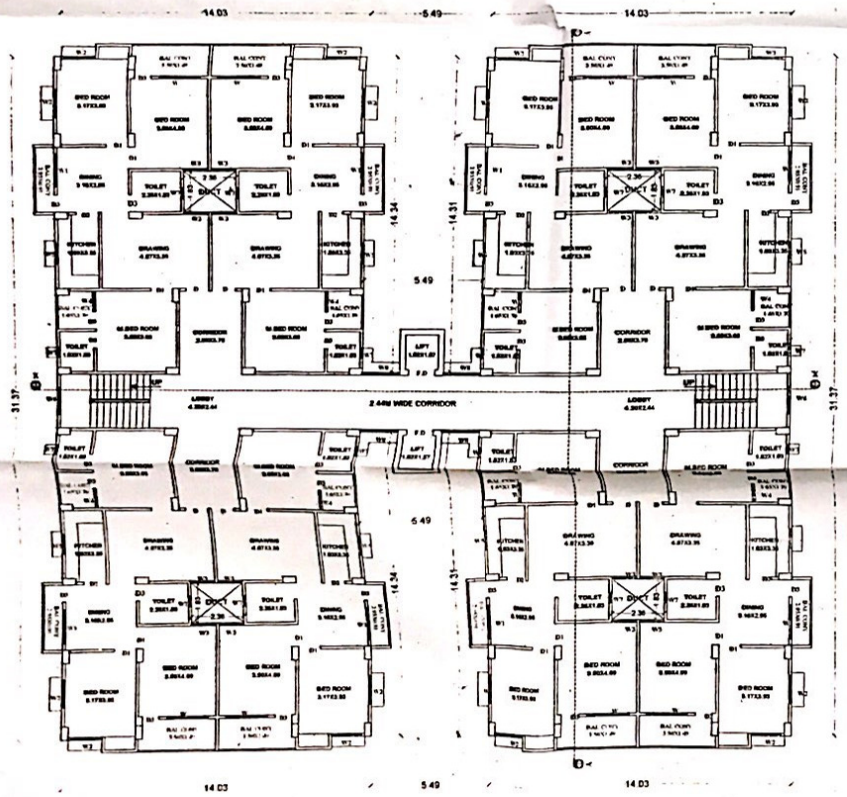
| NORTH | SCALE | DRG NO. |
|---|---|---|
| BLOCK-G | 1:100 1:200 | 01 |

SHAILENDRA KUMAR
Structural Engineer
Enrolment No. SE/06/13
Patna Municipal Corporation
SIGN OF STRUCTURE

Pradeep Kumar Sinha
(Registered Architect)
Regd. No.-CA/96/12804
Council of Architecture
SIGN OF ARCHITECT

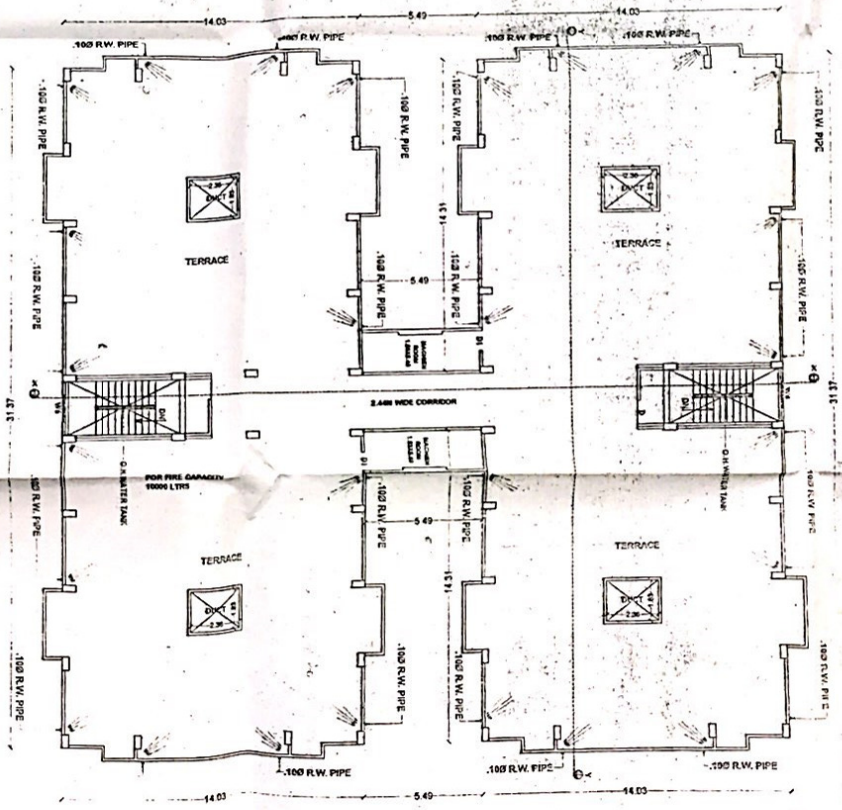
SIGN OF OWNER | SIGN OF ARCHITECT

3/11/16




1ST,2ND,3RD,4TH,5TH,6TH & 7TH FLOOR PLAN BLOCK- ( C )

SCALE-1:100




TERRACEF LOOR PLAN BLOCK- ( C )

SCALE-1:100

SCHEDULE OF DOORS & WINDOWS

WATER HARVESTING CALCULATION

PROPOSED RESIDENTIAL BUILDING FOR VAISHALI PARK FOR MAKAN DEVELOPERS ( I ) PVT.LTD. AT HAJIPUR, MAUZA- BIGHI KALA,THANA- HAJIPUR, THANA NO.-105,KHATA NO.- 949,673,121, 135,1020,1223,120, PLOT NO.- 1688,1693, 1691,1651,1570,1640,1635,1566,4672,1576, DIST.- VAISHALI

| NORTH | BLOCK-C | SCALE 1:100 | DRG NO 02 |
|---|---|---|---|

Sinha
(Registered Architect)
Regd. No.-CA/90/12804
Council of Architecture

SIGN OF ARCHITECT