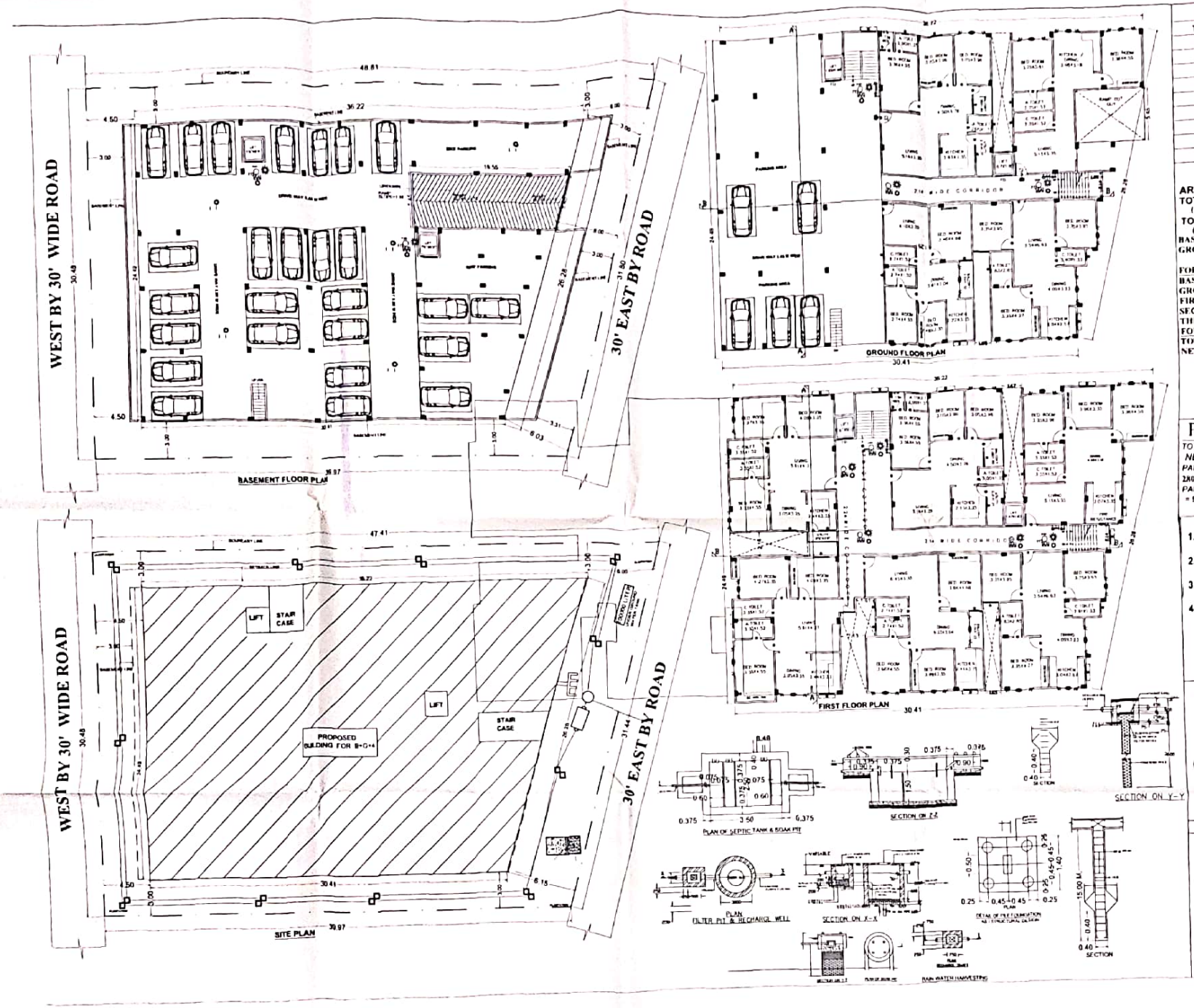


## SCHEDULE OF DOORS & WINDOWS

| TYPE | WIDTH | HEIGHT | SILL | LINTEL | DESCRIPTION |
|---|---|---|---|---|---|
| D | 1.07 | 2.54 | 0.0 | 2.54 | AS/SPECIFICATION |
| D1 | 0.99 | 2.13 | 0.0 | 2.13 | —DO— |
| D2 | 0.76 | 2.13 | 0.0 | 2.13 | —DO— |
| D3 | 0.91 | 2.13 | 0.0 | 2.13 | —DO— |
| W | 1.37 | 1.63 | 0.91 | 2.54 | —DO— |
| W1 | 1.22 | 1.63 | 0.91 | 2.54 | —DO— |
| W2 | 1.09 | 1.63 | 0.91 | 2.54 | —DO— |
| W3 | 0.91 | 1.63 | 0.91 | 2.54 | —DO— |
| W4 | 0.91 | 1.47 | 1.07 | 2.54 | —DO— |

### AREA CALCULATION

**AREA CALCULATION:**

TOTAL PLOT AREA (AS PER DEED) = 1325.33 SQM)

TOTAL PLOT AREA (AS PER SITE) = 1325.33 SQM

BASEMENT FLOOR B/UP AREA = 937.17 SQM

GROUND FLOOR PARKING AREA = 339.35 SQM

**FOR F.A.R CALCULATION:**

BASEMENT FLOOR B/UP AREA = 8.02 SQM

GROUND FLOOR B/UP AREA = 754.50 SQM

FIRST FLOOR B/UP AREA = 720.35 SQM

SECOND FLOOR B/UP AREA = 720.35 SQM

THIRD FLOOR B/UP AREA = 720.35 SQM

FOURTH FLOOR B/UP AREA = 720.35 SQM

TOTAL AREA = 3643.92 SQM

NET B/U AREA = TOTAL AREA - G. FLOOR PARKING AREA = 3643.92 - 339.35 = 3304.57

F.A.R. ARCHIVED $\frac{3304.57}{1325.33} = 2.49$

## PARKING CALCULATION:

TOTAL B/UP AREA = 3304.57 M2

NET B/U AREA = -15 % OF TOTAL B/UP AREA = 2808.88 M2

PARKING AREA REQUIRED = 25% OF B/UP AREA

2808.88 X 0.25 = 702.22 M2

PARKING AREA PROVIDED ON BASEMENT & GROUND FLOOR = 937.17 M2 + 339.35 M2 = 1276.52 M2

PROPOSED RESIDENTIAL BUILDING OF

1. SRI NEELAM AGARWAL
   W/O SRI RAMJEEVAN KUMAR AGARWAL
2. SRI RAMJEEVAN KUMAR AGARWAL
   S/O. SRI KEDARNATH AGARWAL
3. SMT. SUSHILA DEVI
   W/O. SRI JAGDISH PRASAD AGARWAL
4. SRI TAPAS KUMAR CHATTERJEE
   S/O. LATE SUDHEER KUMAR CHATTERJEE
   KHATA NO - 276, KHESRA NO. - 369, K,KH,G, GH,CH,CHH,J
   WARD NO:-22 MAUZA:- MADHUBANI,
   TAUZI NO - 201 DIST - PURNEA

Tapas Kumar Chatterjee
Neelam Agarwal
Ram Jeevan Kumar Agarwal

SIG. OF OWNER/BUILDER

SHAURYA AJAY (M.Tech)
Structure Engineer
Govt. of Bihar
Regd. No. BA/UDHG/SE/230029

SIG. OF ENGINEER

Municipal Commissioner
Municipal Corporation
Purnea

कनीय अभियंता
नगर निगम, पूर्णियाँ

CH-456
24.25

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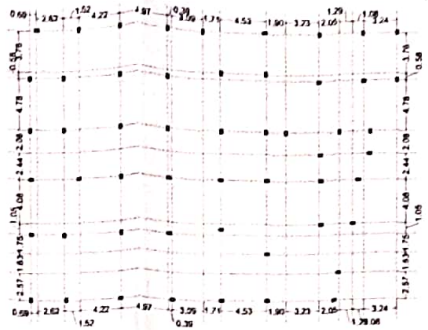
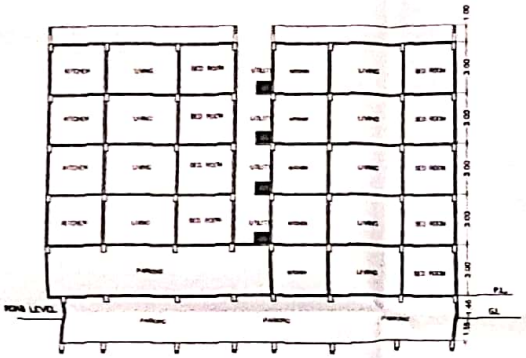
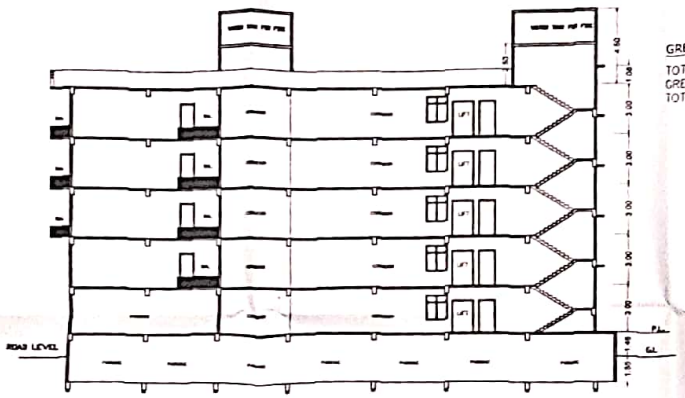
FRONT ELEVATION



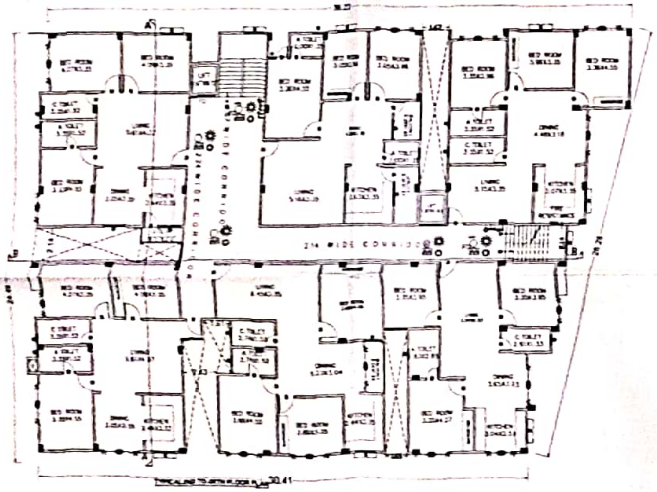
LAYOUT PLAN

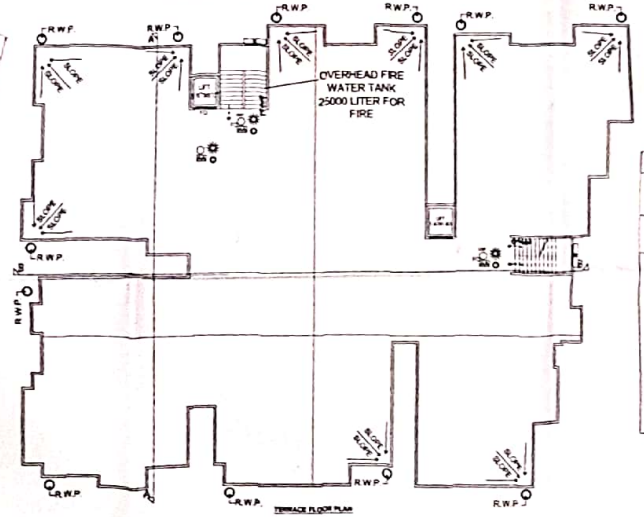


SECTION A-A

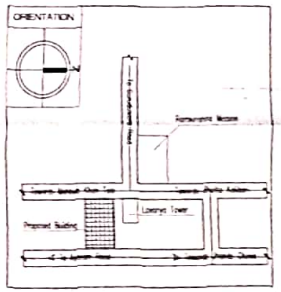


SECTION B-B






TERRACE FLOOR PLAN




LOCATION PLAN

## OCCUPANT LOAD RESIDENTIAL

TOTAL NO OF FLATS = 28 FLATS
5 PERSON FLAT
TOTAL NOS. OF PERSON = 28X5 = 140 PERSONS

## RAIN WATER HARVESTING CALCULATION

TERRACE AREA = 728.35 SQ. MT.
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ.MT.
TERRACE AREA TOTAL TERRACE = 728.35 SQ.MT.
REQUIRED WATER HARVESTING= 728.35 x 6/100 = 43.22 CUM.
PROVIDED RAIN WATER HARVESTING SIZE & NOS (AS PER CALCULATION) :-
SIZE - 3M DIA & 3M DEPTH
TOTAL NOS. OF RECHARGE WELL - 4 NOS.
TOTAL VOLUME = 3.00 X 1.5 X 1.5 X 3.14 X 4 CUM = 84.78 CUM.

## GREEN AREA CALCULATION:-

TOTAL NET PLOT AREA = 1325.33 Sq.m.
GREEN SPACE AREA % Read = 1325.33 @10% = 132.25 Sq.m.
TOTAL PROVIDED GREEN SPACE @ 15 % = 198.79 Sq.m.

## SCHEDULE OF DOORS & WINDOWS

| TYPE | WIDTH | HEIGHT | SILL | LINTEL | DESCRIPTION |
|---|---|---|---|---|---|
| D | 1.07 | 2.54 | 0.0 | 2.54 | AS/SPECIFICATION |
| D1 | 0.99 | 2.13 | 0.0 | 2.13 | —DO— |
| D2 | 0.76 | 2.13 | 0.0 | 2.13 | —DO— |
| D3 | 0.91 | 2.13 | 0.0 | 2.13 | —DO— |
| W | 1.37 | 1.63 | 0.91 | 2.54 | —DO— |
| W1 | 1.22 | 1.63 | 0.91 | 2.54 | —DO— |
| W2 | 1.09 | 1.63 | 0.91 | 2.54 | —DO— |
| W3 | 0.91 | 1.63 | 0.91 | 2.54 | —DO— |
| W4 | 0.91 | 1.47 | 1.07 | 2.54 | —DO— |

## AREA CALCULATION

**AREA CALCULATION:**
TOTAL PLOT AREA (AS PER DEED) = 1325.33 SQM)
TOTAL PLOT AREA (AS PER SITE) = 1325.33 SQM
BASEMENT FLOOR B/UP AREA = 937.17 SQM
GROUND FLOOR PARKING AREA = 339.35 SQM

**FOR F.A.R CALCULATION:**

| | |
|---|---|
| BASEMENT FLOOR B/UP AREA | = 8.92 SQM |
| GROUND FLOOR B/UP AREA | = 754.50 SQM |
| FIRST FLOOR B/UP AREA | = 728.35 SQM |
| SECOND FLOOR B/UP AREA | = 728.35 SQM |
| THIRD FLOOR B/UP AREA | = 728.35 SQM |
| FOURTH FLOOR B/UP AREA | = 728.35 SQM |
| TOTAL AREA | =3643.92 SQM |

NET B/U AREA = TOTAL AREA - G. FLOOR PARKING AREA
= 3643.92 - 339.35 = 3304.57

F.A.R. ARCHIVED $\frac{3304.57}{1325.33}$ = 2.49

## PARKING CALCULATION:

TOTAL B/UP AREA = 3304.57 M2
NET B/U AREA = -15 % OF TOTAL B/UP AREA = 2808.88 M2
PARKING AREA REQUIRED = 25% OF B/UP AREA
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PARKING AREA PROVIDED ON BASEMENT & GROUND FLOOR
= 937.17 M2 + 339.35 M2 = 1276.52 M2

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KHATA NO - 276, KHESRA NO. - 369, K,KH,G, GH,CH,CHH,J
WARD NO:-22 MAUZA:- MADHUBANI,
TAUZI NO - 201 DIST - PURNEA

SIG. OF OWNER/BUILDER | SIG. OF ENGINEER

Municipal Commissioner
Municipal Corporation
Purnea

कनीय अभियंता
नगर निगम, पूर्णिया

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