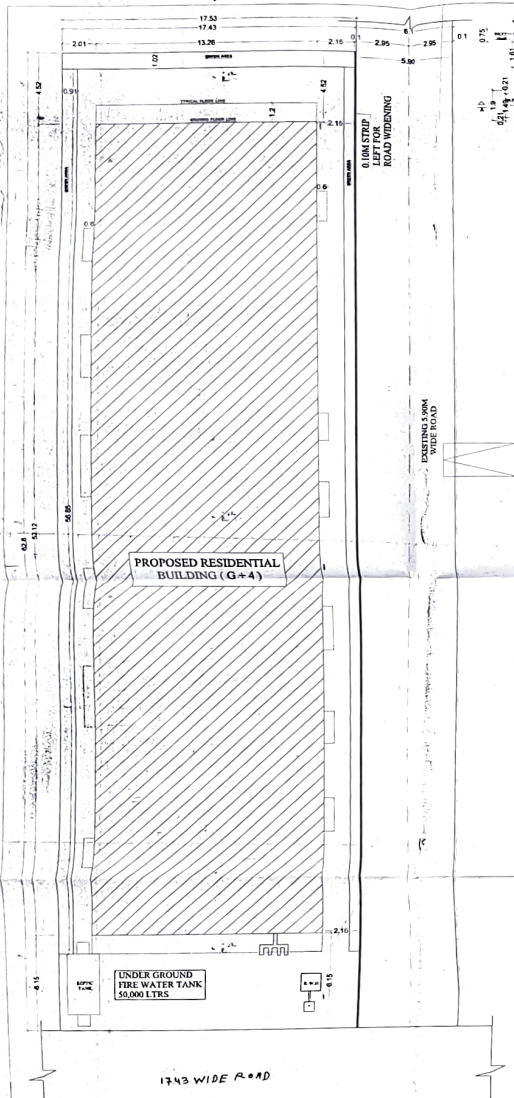
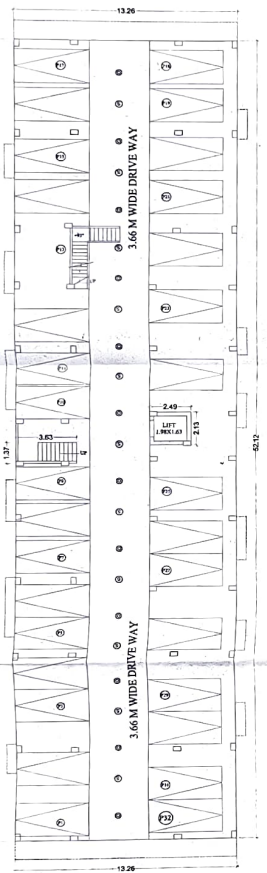
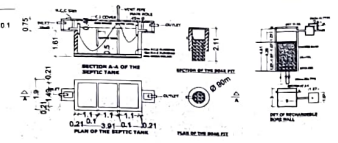



GROUND FLOOR PLAN




## O.T. WATER TANK CALCULATION

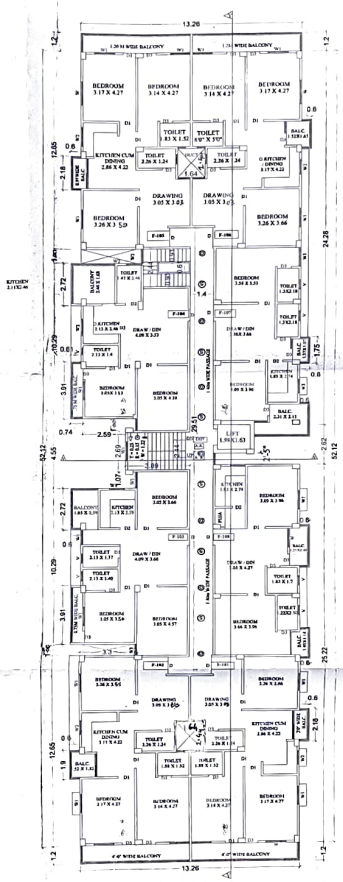
TOTALNO.OF FLAT = 32
TOTAL person = 32 X 5 = 160 PERSONS
WATER REQUIREMNT OF 1 PERSON =135 lt
TOTAL REQUIRED WATER =160X135Lts.=21600 LTR/DAY
FIRE TANK - - 10,000 LTR
TOTAL REQUIRED WATER TANK = 31.60 CUM
SIZE OF WATER TANK(1) 5.03 X 2.44 X1.00 =12.27 Cum
(2) 4.65 X 4.32 X 1.00 = 20.08 Cum
TOTAL PROVIDED TANK = 32.35 CUM

## SEPTIC TANK CALCULATION

TOTALNO.OF FLAT = 32
TOTAL 32 x 5 = 160 PERSONS
ONE PERSON REQUIRED AREA = 0.085 lt
TOTAL REQUIRED AREA= 160 X 0.085 = 13.60 CUM/DAY
SIZE OF SEPTIC TANK = (3.0 X 2.50 X 2.00 )=15.00 Cum

## GREEN AREA CALCULATION

TOTALPLOT AREA = 1094.60
REQUIRED GREEN AREA @10% = 109.46 SQM
PROVIDED GREEN AREA =
17.53 X 1.02 = 17.88 SQM
56.85 X 0.91 X2 = 103.46 SQM
TOTAL PROVIDED GREEN AREA = 121.34 SQM



1ST - 4TH FLOOR PLAN

## LEGEND FOR FIRE FIGHTING

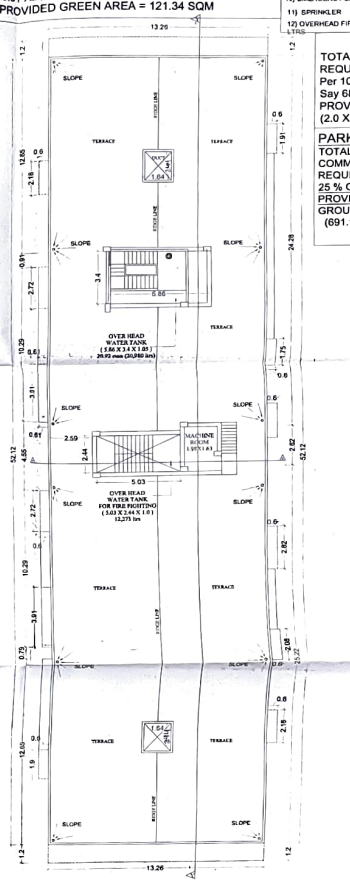
1) FIRE RESISTANT CHECK DOOR — FD
2) FIRE HYDRANT — H
3) HOSE REEL — HR
4) UNDERGROUND WATER STATIC TANK WITH AUTOMATIC REFILLING ARRANGEMENT FOR FIRE — 50,000
5) FIRE EXTINGUISHER & ( WCO2 TYPE ISI MARKED ) — CO2
6) MANUAL CALL POINT — MCP
7) ILLUMINATED EXIT DIRECTIONAL SIGN — EXIT
8) SIAMESE CONNECTION — SC
9) P.A SYSTEM — PA
10) EMERGENCY LIGHTING SYSTEM — EL
11) SPRINKLER — SPRINKLERS OVERHEAD
12) OVERHEAD FIRE WATER TANK above 10,000 LTRS — 10,000

## RAIN WATER HARVESTING CHAMBER

TOTAL TERRACE AREA - 681.4 Sqmt.
REQUIRED VOLUME FOR R.W.H CHAMBER
Per 100 Sq mt = 6cum Req.
Say 681.4 Sqmt. /100 X6 = 40.88 cum
PROVIDED CHAMBER :-
(2.0 X 2.0 X 5.11)x2 = 40.88 cum

## PARKING CALCULATION

TOTAL BUILT UP AREA = 2723.07 SQM.
COMMON AREA = 203.2 (7.4%)
REQUIRED PARKING AREA=
25 % OF 2723.07 SQM. = 680. SQM.
PROVIDED
GROUND PARKING AREA
(691.11 - 10.27) = 680.84 Sqm



TERRACE FLOOR PLAN

## SPECIFICATION

1. FOUNDATION AS PER DETAIL
2. R.C.C. FRAME STRUCTURE & 1st CLASS BRICK WORK IN CEMENT MORTOR.
3. FLOORING : (G3 TK. I.P.S. FLOORING OVER 0.75 TK. DRY RAMMED KHOA OVER .075 TK. BRICK FLAT SOLLING OVER LOCAL SAND FILLING.
4. 10 TK. R.C.C. SLAB WITH 12TK. LIME TERRACING.
5. PLASTER .015 TK. CEMENT PLASTER ( 6 BOTH SIDE OF WALL )
6. TEAK WOOD FRAME & SALWOOD SHUTTER ALL THE DOORS AND WINDOWS
7. INSIDE TWO COTS WHITE WASH AND OUT SIDE COLOUR WASH.
8. CONCEALED PVC CONDUIT WIRENG WITH STANDARD ELECTRICAL ASCESSPRES ADEQUATE HIGH POWER POINTS. ELECTRICAL FITTINGLIKE TUBE, BULBS, FAN, ETC.
9. ROUND THE CLOCK WATER SUPPLY BY MEAN OF AND OWN BORING / CONTINOUS MUNICIPAL SUPPLY.

SCHEDULE OF DOORS & WINDOWS

| SL.NO. | TYPE | WIDTH | LENGTH | DESCRIPTION |
|---|---|---|---|---|
| 1 | D | 1.20 | 2.10 | FULLY PANNELD |
| 2 | D1 | 0.90 | 2.10 | FULLY PANNELD |
| 3 | D2 | 0.75 | 2.10 | FULLY PANNELD |
| 4 | D3 | 0.75 | 2.10 | FULLY PANNELD |
| 5 | W | 1.20 | 1.20 | FULLY GLAZED |
| 6 | W1 | 0.90 | 1.20 | FULLY GLAZED |
| 7 | V | 0.60 | 0.90 | FULLY GLAZED |

**PLOT DETAIL:-**

PROPOSED RESIDENTIAL BUILDING OF
(1) SMT. REENA KUMARI, W/O -JAY SHANKAR PRASAD
(2)SMT. NEENA KUMARI, W/O - SRI PRABHAT KUMAR
(3)SRI JAY SHANKAR PRASAD SINGH , S/O - LATE SIPAHI SINGH
AT - MALTA PARSA, THANA- PARSA BAZAR,
KHATA NO- 64, PLOT NO- 6467,
TAUZI NO- 5515, THANA NO- 97, DIST- PATNA.

**DEVELOPER'S :-**
M/S KOSUT CONSTRUCTION(OPC) PRIVATE LIMITED
DIRECTOR - SRI KAILASH KUMAR,
S/O - SRI JAWAHAR PRASAD
ADDRESS :-NEAR PANI TANKI, CHANDPUR BELA, P.O. - GPO, THANA - JAKKANPUR, PATNA 800001

**AREA CALCULATION:-**

TOTAL PLOT AREA AS PER DEVELOPMENT AGREEMENT :- 1138.38 sqm.
TOTAL PLOT AREA AS PER SITE:- 1100.88 sqm.
AREA LEFT FOR ROAD WIDENING :- 63.50 X 0.10 = 6.35SQM
NET PLOT AREA AFTER ROAD WIDENING : 1094.60

BUILT-UP-AREA :-

| | |
|---|---|
| GROUND FLOOR B/U AREA: | 10.27 sqm. |
| FIRST FLOOR B/U AREA:- | 675.20 sqm. |
| SECOND FLOOR B/U AREA:- | 673.0 sqm. |
| THIRD FLOOR B/U AREA:- | 678.20 sqm. |
| FOURTH FLOOR B/U AREA:- | 673.20 sqm. |
| TOTAL | 2723.07 sqm. |

F.A.R = (2723.07 / 1094.60) = 2.487

| SCALE | SHEET NO. | NORTH |
|---|---|---|
| 1:100 | 1/2 | |

Jay Shankar Singh
Meena Kumari
Reena Kumari

Er. Jitendra Kumar
Regd No.-CA/2013/56556

SIGNATURE OF OWNER | SIGNATURE OF ARCHITECT

Patna Metropolitan Area Authority
Sanction of Plan case no.-[illegible] dated.- [illegible]
Development Control Regulations for Patna Master Plan 2031 (Byelaws no 8(4) of Bihar Building Byelaws 2014) vide notification no 831/832 dated 28.10.2016 on Date [illegible]

सहायक अभियंता
पटना महानगर क्षेत्र प्राधिकार

प्रभारी निदेशक
पटना महानगर क्षेत्र प्राधिकार