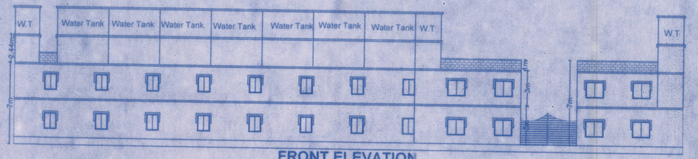
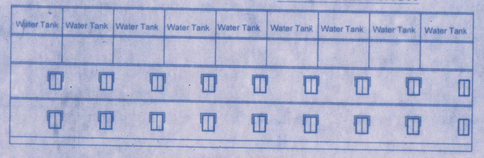
PROPOSED ~~COMMERCIAL~~ RESIDENTIAL BUILDING OF VISHWARAHI DEVELOPERS PVT. LTD.

1.SMT. RAJNI SINGH, W/O- RAM VIJAY KUMAR, 2. SRI. PUNIT RAY, S/O- GOARDHAN RAY, AT MAUZA- BADA BARIYARPUR, THANA - CHHATAUNI, MOTIHARI, THANA NO - ~~166~~, 196 DISTT. - EAST CHAMPARAN, (BIHAR). KHATA NO. -52, EC. 116, KHESRA NO.- 2567 & 2559, RAQBA - 5 KATTHA 14 DHUR + 2 DHUR = KATTHA 6 DHUR = 10 KATTHA 2 DHUR.



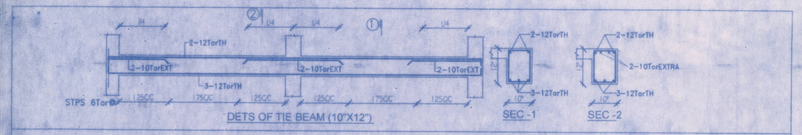
FRONT ELEVATION



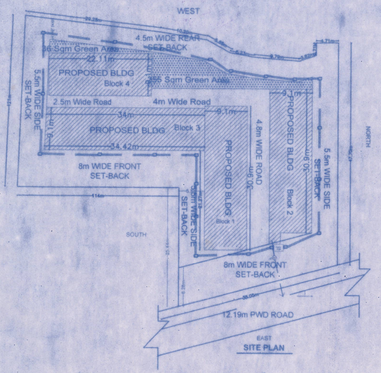
NORTH SIDE ELEVATION

AREA CALCULATION:-

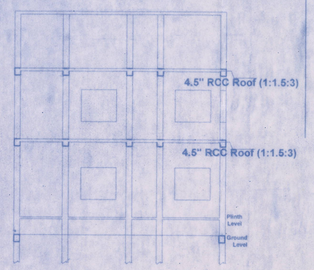
TOTAL PLOT AREA AS PER SITE :-	2703.3 Sqm
BUILT-UP-AREA :-	
GROUND FLOOR :-	300.9 Sqm.
GROUND FLOOR PARKING AREA:-	773.7 Sqm.
GROUND FLOOR TOTAL AREA:-	1074.6 Sqm.
FIRST FLOOR :-	1074.6 Sqm.
TOTAL FLOOR AREA :-	2149.2 Sqm.
% PARKING AREA:-	71.8%
% of Covered Area	39.7%
F.A.R :- 1375.5/2703.3 =	0.5
BUILDING HEIGHT :-	7m



DETS OF TIE BEAM (10"X12")



SITE PLAN

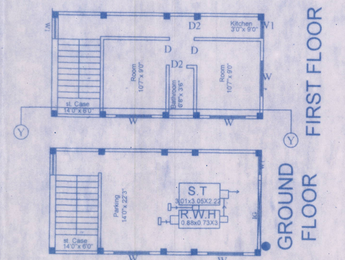


WALL SECTION Y-Y

The Owner/Builder shall in no case deviate from the sanctioned plan for the construction. If any deviation is found during the construction or at any time, the entire structure will be treated as unauthorised and the owner/builder will be liable legal action. The owner will keep a copy of sanctioned plan at the site durng construction.

SPECIFICATION

1. Foundation 1:1.5:3 Isolated Footing Foundation.
2. Plinth And First Class B/W In CM 1:8 Superstructure 3"Thick C.C 1:2:4 D.P.C With D.P.C Powder.
3. Flooring 1" Mosaic Flooring Over 6"D.R.K.
4. Lintel 6" R.C.C Lintel And Band Over All Wall.
5. Roofing 4" R.C.C Slab And Beam 1:1.5:3 Roof Tiles Over R.C.C Slab.
6. Wood Work SaL Wood Chaukhat 4"X 3" Size And 1.25" Thick Shutters Doors And Windows.
7. Finishing Two CC/ White Washing Over1/4"Cement Plaster 1:4 In Celing And 1/2" Cement Plaster 1:6 Both Sides Of Walls.
8. Sanitation i). Power Driven Tube Well ii). Provision Of Septic Tank With Soak Pit As Per Detaile Drawing & 6" X6" Pucca Drain All Side Of Walls.
9. Earth Quake Resistant R.C.C Framed Structure.



Fire Water Tank Calculation

1 Cubic Feet = 28.3168 Ltr

25'x8'x8' =1600 Cubic Feet

1600 x 2= 3200 Cubic Feet

3200 x 28.3168 = 90613.76 ltr

Water Capacity of Two Tank = 90613.76 ltr

WATER HARVESTMENT CALCULATION

6/100 X FLOOR BUILT UP AREA

6/100 X 1074.6 = 64.476 CUM

TOTAL PROVIDED = 10.5X1.2X5.2 = 65.52 CUM

O.T. WATER TANK CALCULATION

PER UNIT = 5 PERSON, SO THAT 27 UNIT = 135 PERSON
TOTAL = 135 PERSONS
WATER REQUIREMENT OF 1 PERSON =135 lt
TOTAL REQUIRED WATER = 135X135 Lts. = 18225 LTR/DAY
TOTAL REQUIRED WATER TANK = 18.225 CUM

SIZE OF WATER TANK(10.00 X 1.20 X1.60)=19.2 Cum

SEPTIC TANK CALCULATION

PER UNIT = 5 PERSON, SO THAT 4 UNIT = 40 PERSON
TOTAL = 40 PERSONS
ONE PERSON REQUIRED AREA = 0.085 lt
TOTAL REQUIRED AREA= 40 X 0.085 = 3.40 CUM/DAY

SIZE OF SEPTIC TANK = (1.5 X 2.5 X 2.0)=7.50 Cum

GREEN AREA CALCULATION

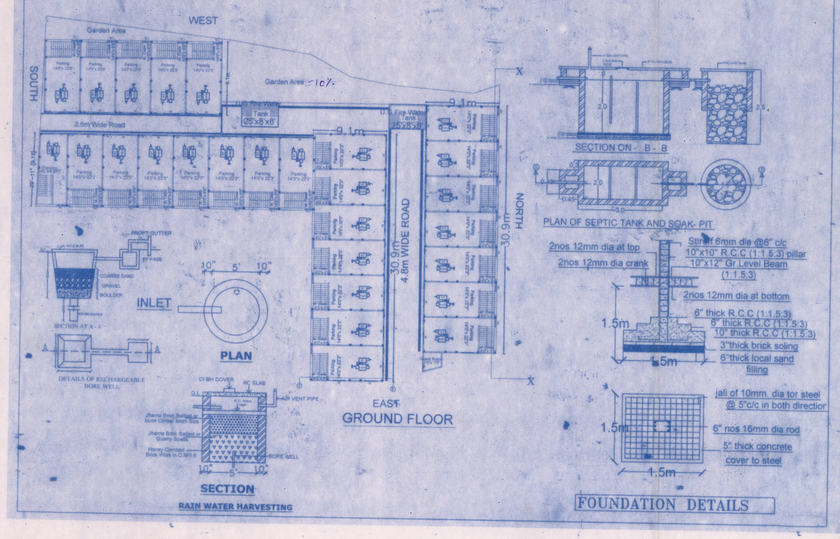
TOTAL PLOT AREA = 2703.3 SQM
GREEN AREA REQUIRED @ 10 % OF TOTAL PLOT AREA = 2703.3 SQM = 270.3 SQM
PROVIDED GREEN AREA = (255+36)SQM = 291 SQM

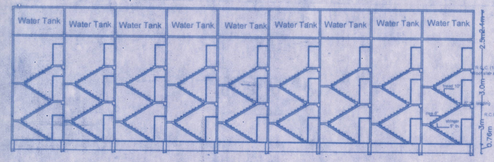
PARKING CALCULATION

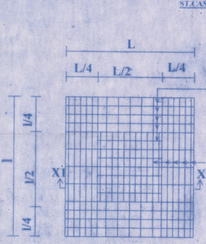
PROVIDED PARKING FOR ONE BUILDING = 28 .9 Sqm.
PARKING AREA FOR 26 BULDING = 28.9 X 26 = 751.4 Sqm.
PARKING AREA FOR REMAINING 1 BULDING = 22.3 Sqm.
TOTAL PARKING AREA FOR ALL 27 BULDING = 773.7 Sqm.

BLOCK AREA CALCULATION

BLOCK 1	-	281.1 Sqm
BLOCK 2	-	281.1 Sqm
BLOCK 3	-	311.2 Sqm
BLOCK 4	-	201.2 Sqm
Total Block Area	-	1074.6 Sqm





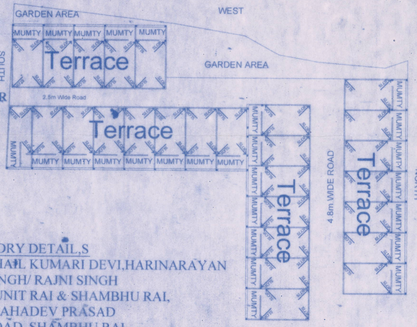


8 MM ø (FE500) DISTRIBUTION BAR @7" C/C

10 MM ø (FE500) MAIN BAR @5" C/C

l= LONG SPAN
L= SHORT SPAN

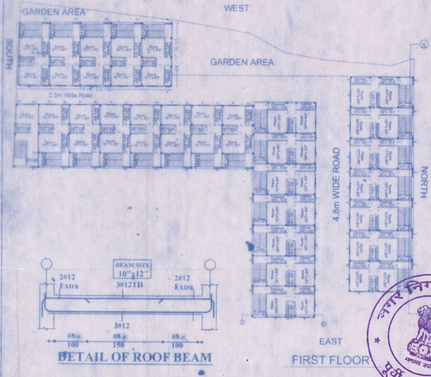
DETAILS OF ROOF SLAB



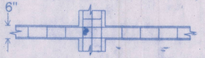
ROOF PLAN

BOUNDRY DETAILS

N :- SHAIL KUMARI DEVI,HARINARAYAN SINGH/ RAJNI SINGH
S :- PUNIT RAI & SHAMBHU RAI, MAHADEV PRASAD
E :- ROAD, SHAMBHU RAI
W:- RAJNI SINGH, NIJ MOKIR, JAG BAHADUR BADHAI, VEER BAHADUR THAKUR



DETAIL OF ROOF BEAM



DESIGN OF LINTEL BEAM

SCHEDULE OF OPENING

TYPE	DIMENSION
D	3'-6" X 7'-0"
D1	3'-0" X 7'-0"
D2	2'-6" X 7'-0"
W	5'-0" X 4'-6"
W1	3'-0" X 4'-6"
V	2'-0" X 1'-6"

Applicant's Signature

Engineer's Signature

Er. HARENDRA PRASAD
B.Sc., Civil Engineer
Chartered Engineer
IEI-M-1781124
Reg.No-BR/UDHD/CE/23-0242

Direction

Approved By

ASSISTANT TOWN PLANNING SUPERVISOR (ATPS)

NAGAR NIGAM MOTIHARI

अभिलेख संख्या 006/23-24

बिहार नगरपालिका अधिनियम 2007 की धारा 419 के द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए धारा 314, 315, 316 एवं 317 में निहित शर्तों के साथ बिहार भवन अधिनियम 2014 के आलोक में स्वीकृति दी जाती है।

नगर निगम, मोतिहारी