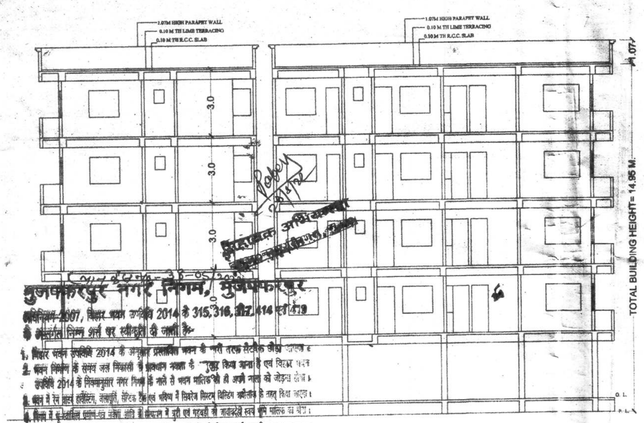
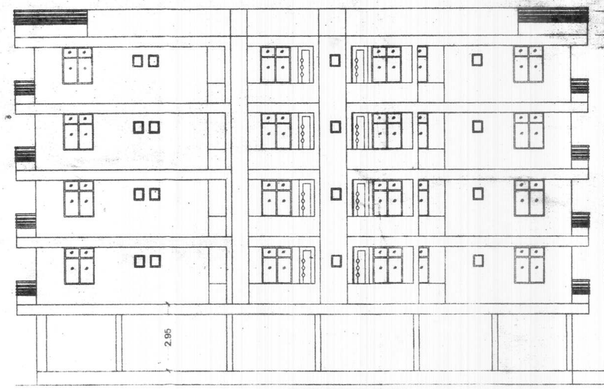
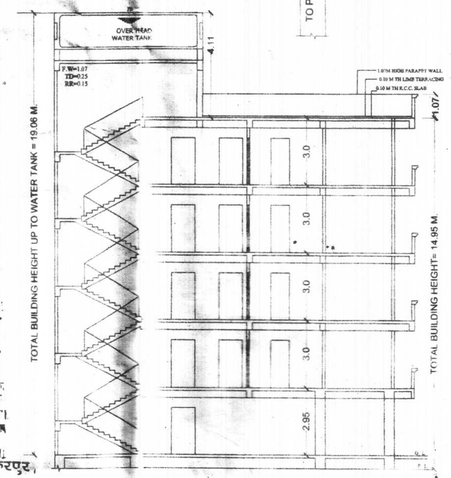


SECTION AT -Y-Y

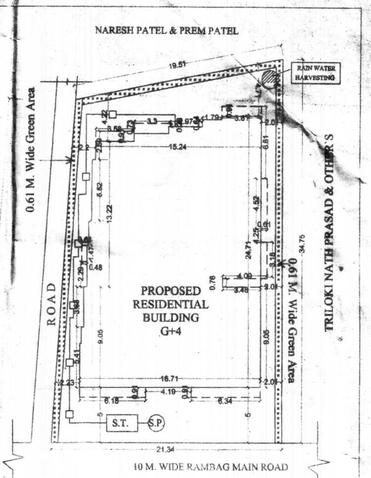


SIDE ELEVATION

LOCATION PLAN



SECTION AT -X-X



SITE PLAN

SCALE 1:200

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 20 NOS
TOTAL NO OF PERSON =20X 6 =120
ONE PERSON REQU. WATER = 135 LTR./DAY
TOTAL REQU. WATER =120X 135 =16200LTR./DAY
TOTAL REQU. AREA OF WATER TANK =16.20 QU.M
PROVIDE AREA OF WATER TANK
SIZE=3.0X2.0X2.0 FB=18.00 QUM

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT =20
TOTAL NO OF PERSON = 20 X 6=120
ONE PERSON REQU. AREA = 0.085 QU.M./DAY
TOTAL REQU. AREA = 120 X 0.085 = 10.20 QU.M./DAY
PROVIDE AREA OF SPTIC TANK
(SIZE)=3.0X1.0X2.0
TOTAL AREA OF SPTIC TANK= 12.00 QUM

GREEN AREA CALCULATION:-

TOTAL NET PLOT AREA = 663.72 Sq.m.
GREEN SPACE AREA 5 % Reqd. Of Total Plot Area
= 663.72 @ 5% = 33.18 Sq.m.
TOTAL PROVIDED GREEN SPACE
=85.35X0.61= 52.06.00 Sq.m.

DESIGN OF UNDER GROUND WATER TANK

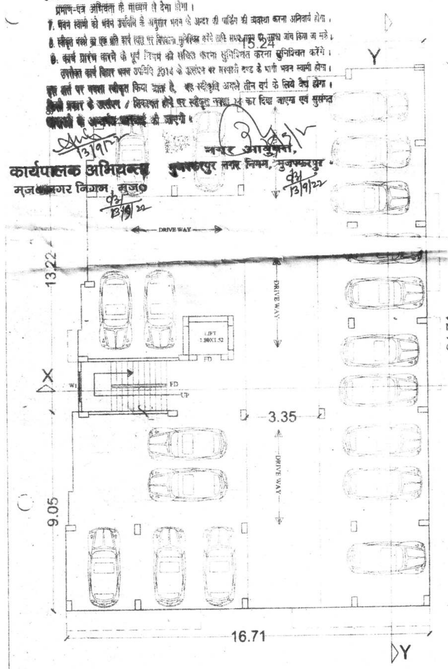
REQUIRED CAPACITY = 20,000 LTS.
SIZE OF U. G. W. T. =3.0X3.0X2.5 = 22.50 CU. M.

RAIN WATER CALCULATION

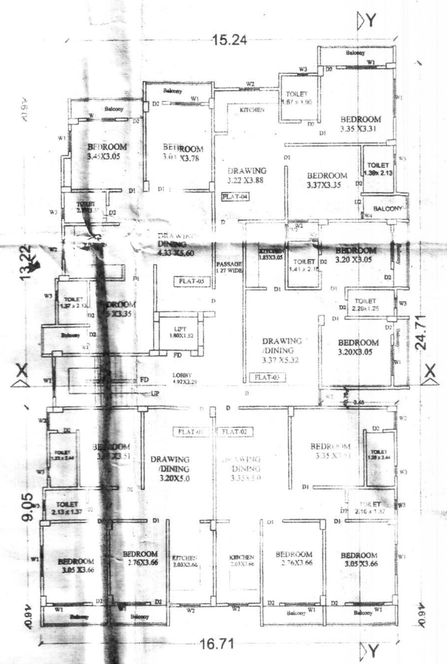
MAX Terrace ROOF AREA OF BUILDING
=396.08 SQ.M.
SO REQ. VOL.OF RECHARGE PIT=
396.08/100 X6 CUM
PROVIDED SIZE =3.0 X3.00X3.00=
27.00 CUM=
=23.76 CUM
PROVIDED TOTAL VOLUME= **27.00** CUM.

WATER HARVESTING THROUGH STORING OF RAIN WATER RUN OFF

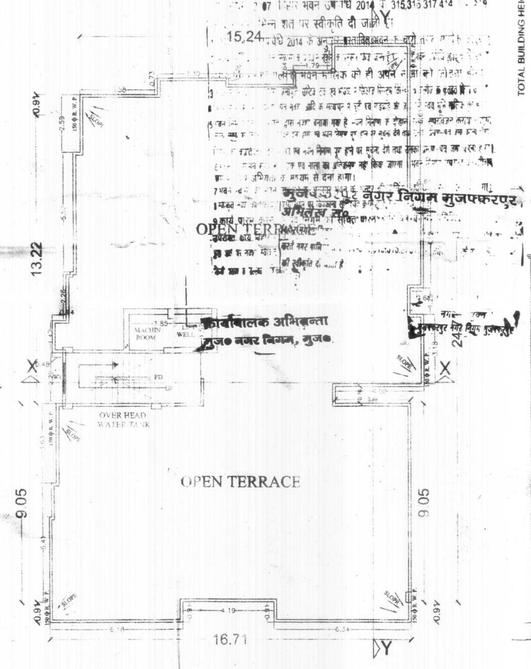
- SYSTEM OF STORM WATER DRAINAGE ALONG WITH POINT OF RAIN WATER IN SURFACE RECHARGE WELL PROVIDED.
- SEPARATE OVER HEAD WATER TANK FOR FEEDING W.C.'S URINALS STORM WATER RECHARGE WELLS PROVIDED.



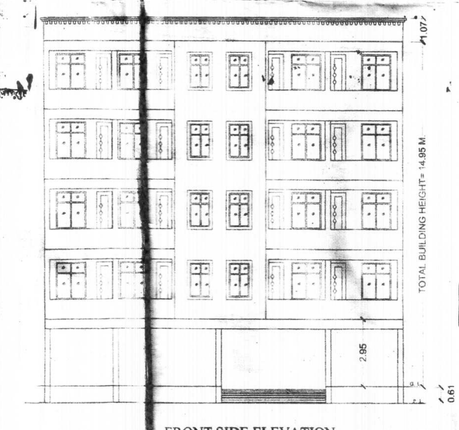
GROUND FLOOR PLAN



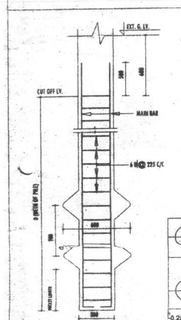
1ST AND 2ND & 4TH FLOOR PLAN



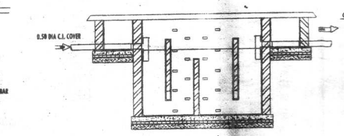
TERRACE FLOOR PLAN

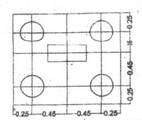


FRONT SIDE ELEVATION

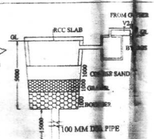


TYPICAL DETS OF UNDER - REAMED PILE

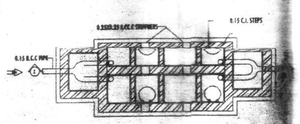




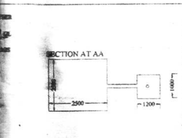
DETAILS OF PILE FOUNDATION

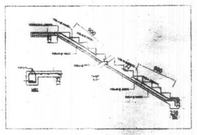


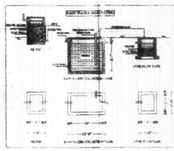
DETAIL OF RECHARGEBLE BORE WELL



PLAN OF SEPTIC TANK.







SPECIFICATION

1. R.C.C. PILES FOUNDATION AS PER STRUCTURAL DESIGN
2. 1ST CLASS BRICK WORK IN CEMENT MORTAR (1:6) IN SUPER STRUCTUR
3. 0.112 TH LIME TERRACING OVER 0.10 TH R.C.C. SLAB ON TOP FLOOR
4. 0.025 TH I.P.S. FLOORING OVER 0.15 TH. DRY RAMMED KHOA OVER 0.075 TH FLAT BRICK SOLING
5. 12MM TH. CEMENT PLASTER ON BOTH SIDE OF WALL
6. ALL FLUSH DOORS AND STEEL FRAME WITH GLAZED WINDOW
7. WHITE AND COLOR WASH AS PER CHOICE

SCHEDULE OF DOORS & WINDOWS

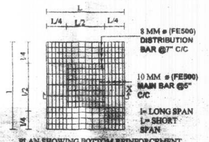
SL.NO.	TYPE	WIDTH	ILL.	HEIGHT
1.	D	1.06	0.00	2.13
2.	D1	0.91	0.00	2.13
3.	D2	0.76	0.00	2.13
4.	W1	1.37	0.76	1.53
5.	W2	0.90	0.90	1.53
6.	W3	0.60	1.53	1.22

BUILDING PARAMETERS:-

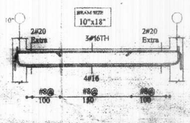
CATEGORY	REQUIREMENT AS PER NORM	PROPOSAL
FRONT SET BACK	5.0	5.0
REAR SET BACK	4.0	4.22
L/R SET BACK	2.0	1.2 & 2.01
F.A.R	2.5	2.24

4NOS 10 MM Ø TMT BAR
(2 TOP + 2 BOTTOM)

TYPICAL DESIGN OF LINTEL BEAM



PLAN SHOWING BOTTOM REINFORCEMENT
DETAILS OF ROOF SLAB



TYPICAL ROOF BEAM

OWNER OF THE BUILDING
1.SMT. SUNITA SINHA , W/O Late BIRENDRA
2. SMT. KAMINI SINHA, W/O Late NARENDRA MOHAN SINHA,
& 3.SRI SHAILENDRA MOHAN SINHA, [illegible]DRA MOHAN SINHA
S/O Late SARSAWTI PRASAD
AT. -SURVEY PLOT NO.- 413 (K. KH), KHA[illegible]
THANA NO.-411, WARD NO.-38 (N), WARD NO. 2 (O)
MAUZA - KANHAULI BISHUANDUTT, P.S.- MITHANPURA ,
DIST.- MUZAFFARPUR
DEVELOP BY -
M/S KUMAR CONSTRUCTION & DEVELOPERS

TOTAL PLOT AREA		
AS PER DEED	633.82 Sqm	BALONY
AS PER SITE	633.82 Sqm	
PARKING FLOOR AREA	360.08 Sqm	
GROUND FLOOR AREA	13.07 Sqm	
FIRST FLOOR AREA	337.25 Sqm	30.48 Sqm
SECOND FLOOR AREA	337.25 Sqm	30.48 Sqm
FOURTH FLOOR AREA	337.25 Sqm	30.48 Sqm
BUILT UP AREA	1364.07 Sqm	121.92/2= 60.96 Sqm
TOTAL BUILT UP AREA	1425.03 Sqm	
% OF PARKING	26.98%	
HEIGHT OF BUILDING	14.95 M	
COST OF BUILDING	RS- 2,12,23,250.00	MINIMUM APPROX
F.A.R	2.24	

APPLICANT'S SIGNATURE

Sunita Sinha
Shailendra Mohan Sinha

APPROVED BY -

SIGN. OF STR./ ENGG.

Tauseef Alam.
KAI ENGINEERING CONSULTANT
Er. TAUSEEF ALAM
MOB:-9905220201
STRUCTURAL ENGHEER
Empanelment No.- [illegible]

Aditya Verma
AR. ADITYA VERMA
CA/2017/72235

KUMAR CONSTRUCTION AND DEVELOPERS
Sanjay Kumar
Partner

मुजफ्फरपुर नगर निगम, मुजफ्फरपुर

कार्यपालक अभियन्ता
मुज० नगर निगम, मुज०

सहायक अभियन्ता
मु० नगर निगम, मुज०

नगर आयुक्त,
मुजफ्फरपुर नगर निगम, मुजफ्फरपुर

OPEN TERRACE