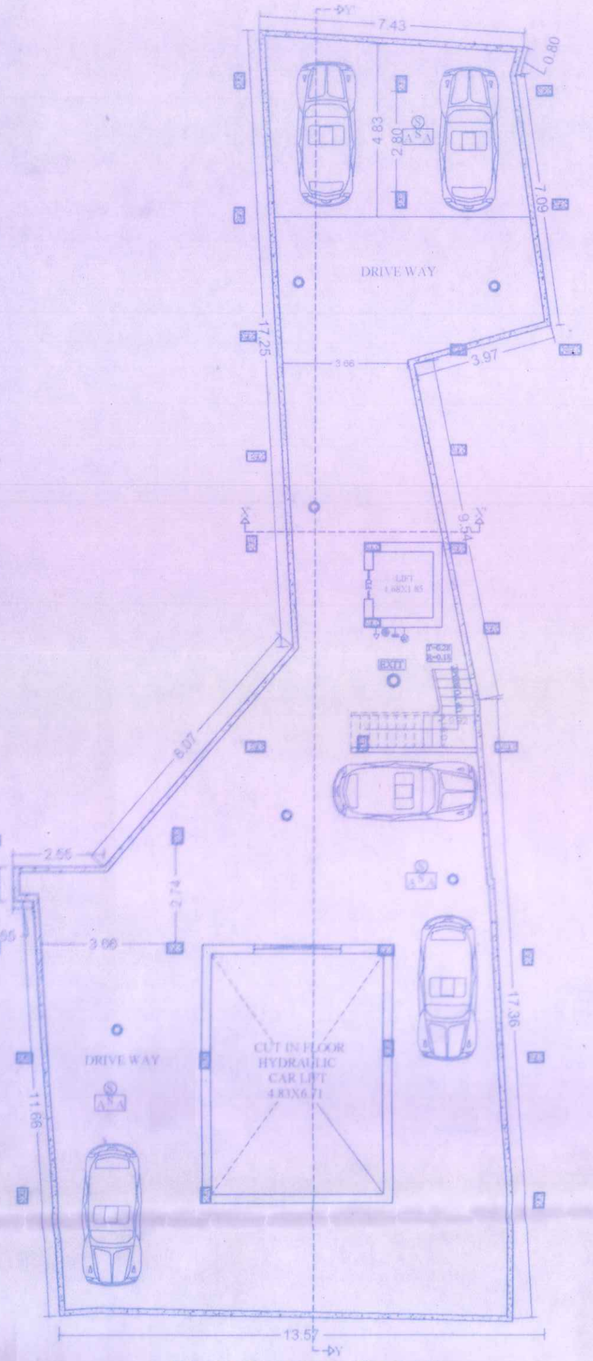
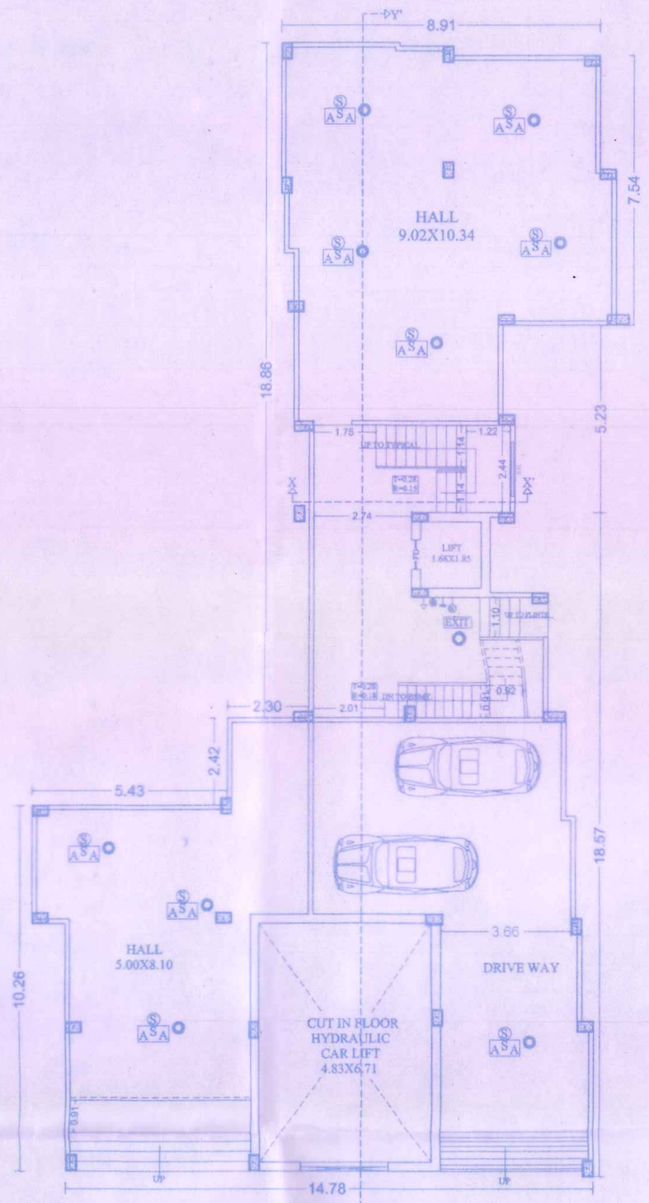
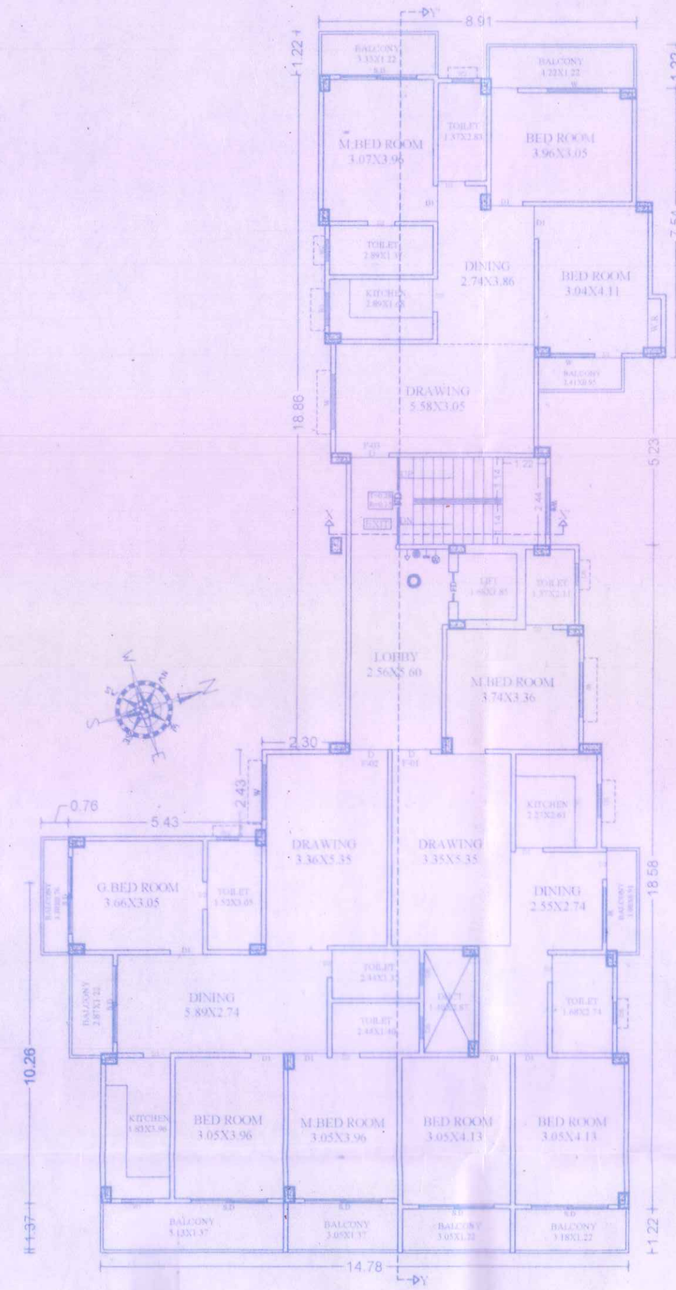


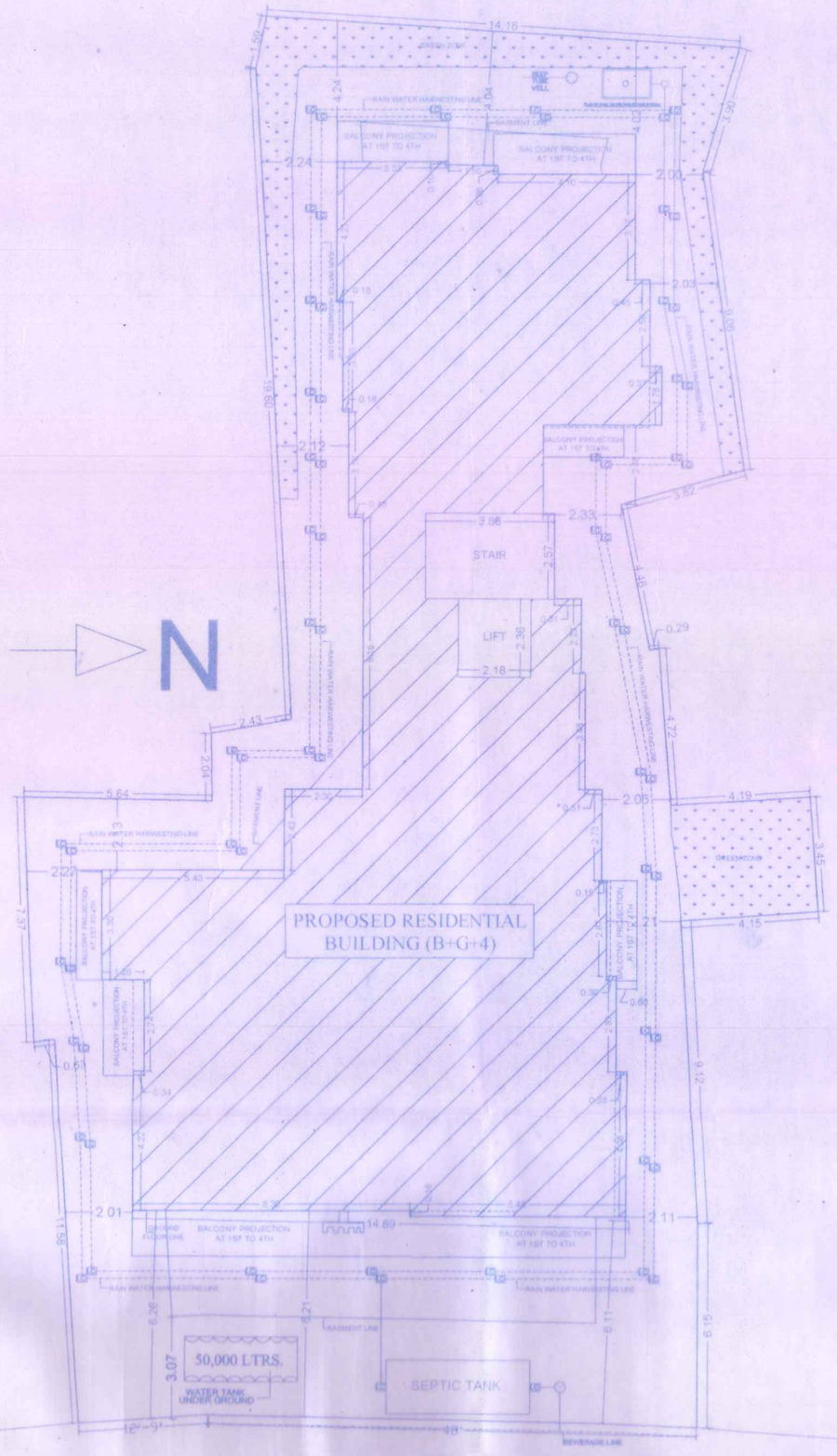
BASEMENT FLOOR PLAN
SCALE - 1:100



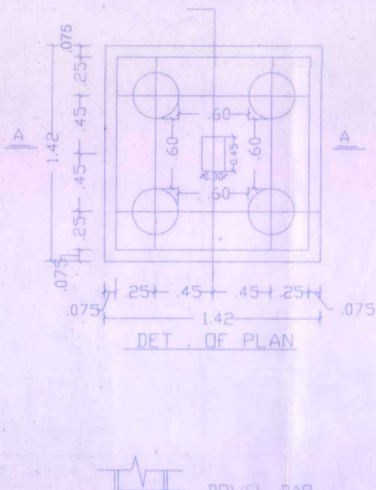
GROUND FLOOR PLAN
SCALE - 1:100

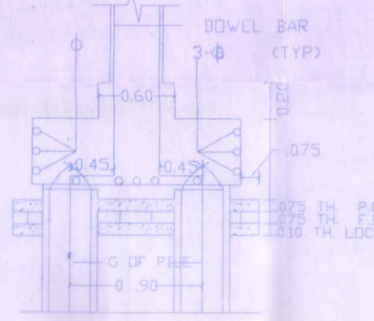


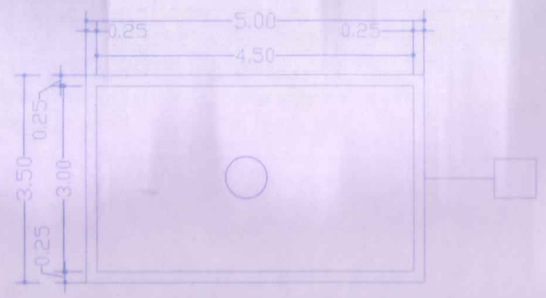
1ST TO 4TH FLOOR PLAN
SCALE - 1:100



SITE PLAN
SCALE - 1:100



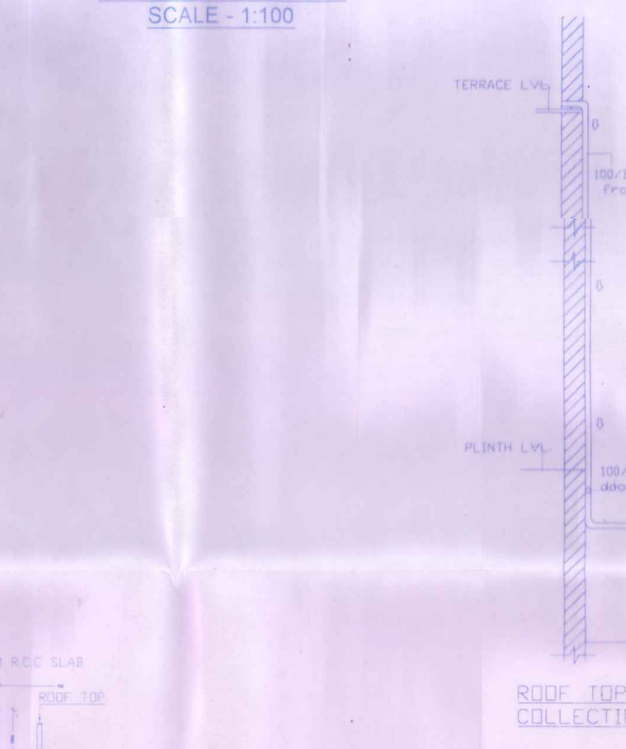




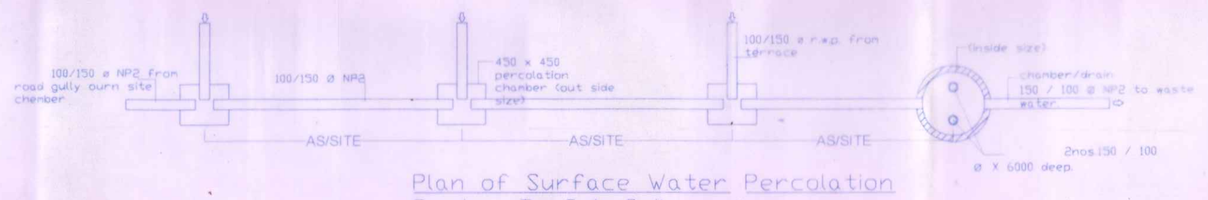
PLAN OF RAIN WATER HARVESTING SYSTEM



DETAIL OF RAIN WATER HARVESTING SYSTEM

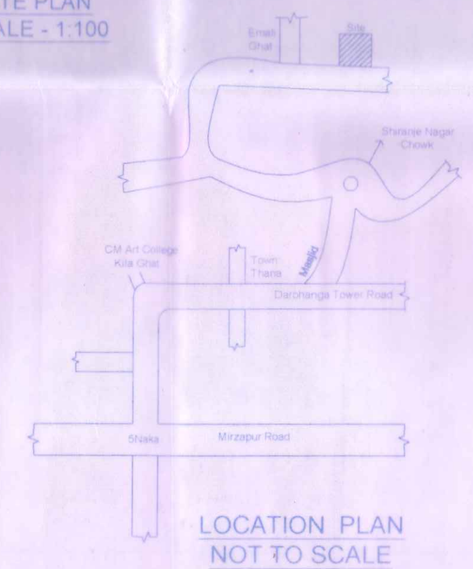


ROOF TOP RAIN WATER COLLECTION SYSTEM

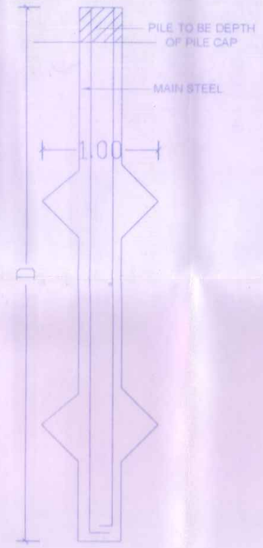


Plan of Surface Water Percolation System To Sub-Soil

WATER HARVESTING PLANT



LOCATION PLAN
NOT TO SCALE



DET. OF PILE FOUNDATION

SEPTIC TANK CALCULATION

FOR RESIDENTIAL:-
TOTAL NOS OF FLAT = 12
ASSUME 5 PERSONS /FLAT REQ 12 X5 = 60
ADD 20 % EXTRA = 72 PERSON
SO, TOTAL NOS OF PERSON = 72 NOS
CAPACITY OF SEPTIC TANK FOR 72 PERSON
@ 0.085 M / PERSON / DAY 72 X 0.085 = 6.12 Cum
SIZE REQUIRED FOR SEPTIC TANK = **6.12 Cum.**

PROVIDED SIZE OF SEPTIC TANK
= 4.00X1.50X2.50 = **15.00 Cum.**

WATER TANK CALCULATION

FOR RESIDENTIAL:-
TOTAL NOS. OF FLAT = 12
ASSUME 5 PERSONS /FLAT REQ 12X5 = 60
TOTAL NOS OF PERSON = 60
ADD 20 % EXTRA = 72
PERSON ASSUME 135 LTR WATER CONSUMPTION/PER /DAY
72X135= 9720 Ltr. + 25000 Ltrs(For Fire Fighting)
= **9.72 + 25.00 = 34.72 Cum**

TOTAL SIZE OF WATER TANK PROVIDED
1). 5.23 X2.31X1.50 = 18.12 CUM
2). 5.05 X2.79X1.50 = 21.13 CUM
= **TOTAL = 39.25 Cum**

SPECIFICATION

(1) FOUNDATTION :- R.C.C. PILE FOUNDATION .
(2) SUPER STRUCTURE :- 1st CLASS BRICK WORK IN CEMENT MORTAR 1:6.
(3) FLOORING :- .025 TH I.P.S FLOORING OVER .15 DRY RAMMED KHOA OVER ONE LALYER BRIK FLAT SOLING . OVER LOCAL SAND FILLING.
(4) R.C.C. WORK :- SLAB, LINTEL , STAIR, BEAM & CHAJJA IN 1: 1-1/2 : 3 WITH PROPER REIN FOR CEMENT .
(5) TERRACING- .40TH AVERAGE LIME TERRACING OVER .10 TH R.C.C. ROOF SLAB
(6) PLASTER :- .012 TH CEMENT PLASTER ON BOTH SIDE WALL & .006 CEMENT PLASTER ON CELING .
(7) DRAIN :- 18 CM WIDE & 30 CM DEEP PUCCA DRAIN ROUND IN THE BUILDING .
(8) COLOUR :- AS PER CHOICE

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL LEV.	LIN. LEV.	REMARK
D	1.07	2.55	0.00	BEAM BOTT	FULLY PANALLED DOORS
D1	0.91	2.13	0.00	2.13	DO
D2	0.76	2.13	0.00	2.13	DO
W I N D O W S					
W	1.52	1.37	0.76	2.13	FULLY GLAZED WINDOW
W1	0.91	1.06	1.07	2.13	DO
W2	0.61	0.76	1.37	2.13	DO
W3	0.94	1.37	0.76	2.13	DO
W4	0.77	1.37	0.76	2.13	DO

AREA CALCULATION

TOTAL PLOT AREA (AS/AGREEMENT) ..... 539.92 Sqm.
TOTAL PLOT AREA (AS/POSESSION) ..... 539.92 Sqm.

BASEMENT FLOOR B/U AREA ..... 106.62 Sqm.
GROUND FLOOR B/U AREA ..... 206.64 Sqm.
FIRST FLOOR B/U AREA ..... 319.20 Sqm.
SECOND FLOOR B/U AREA ..... 319.20 Sqm.
THIRD FLOOR B/U AREA ..... 319.20 Sqm.
FOURTH FLOOR B/U AREA ..... 319.20 Sqm.
TOTAL B/U AREA ..... 1494.06 Sqm.

F.A.R. = 2.43

PROJECT:-

PROPOSED RESIDENTIAL BUILDING FOR SRI CHITRANJAN SINHA S/O LATE CHANDRA SHEKHAR SINHA RESIDENT OF- GULLOBARA, P.O.- LALBAGH, DARBHANGA

ON PLOT LOCATED AT PURANI RAMCHOWK RAMBAGH, MAUZA - RAMCHOWK, HALKA- 09, DIVISION - 01 , PLOT NO - 12236,12245,12246, 12247,12248,12249, [redacted] 12252, 12235, 12243, & 12244, WARD NO -10, ANCHAL- DARBHANGA SADAR, DARBHANGA

SIGNATURE OF OWNER.	SIGNATURE OF ARCH./ENG.
	R. PANKAJ KR. KAP...

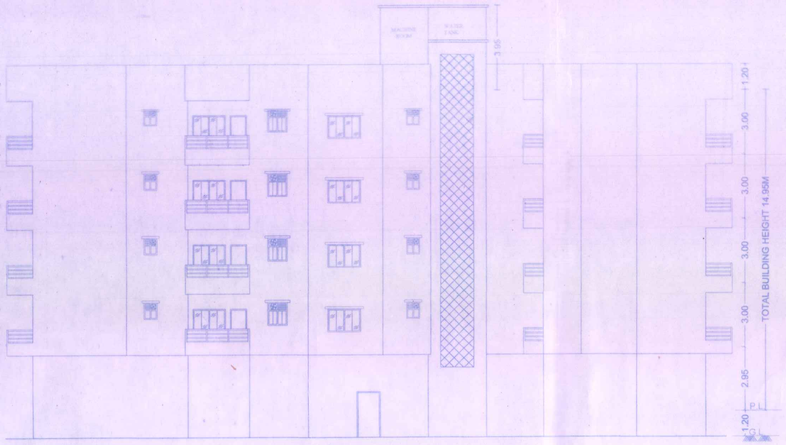
दरभंगा नगर निगम,दरभंगा

ह. ल निगमित परमिट प्लान संख्या.....
बिहार नगरपालिका अधिनियम 2007 बिहार भवन उपविधि 2014 तथा नगर विकास एवं आवास विभाग की अधिसूचना सं० 645 दिनांक 24.02.22 के आलोक में बिहार भवन (संशोधन) उपविधि 2022 के अन्तर्गत भवन निर्माण/परिवर्तन/परिवर्द्धन की स्वीकृति दी जाती है।

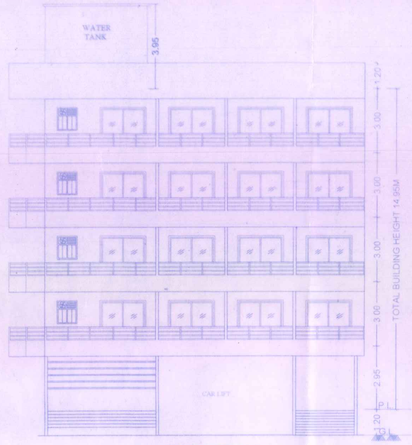
नगर आयुक्त
दरभंगा नगर निगम,दरभंगा

Aamad Alam
20/12/2024
AME
DMC

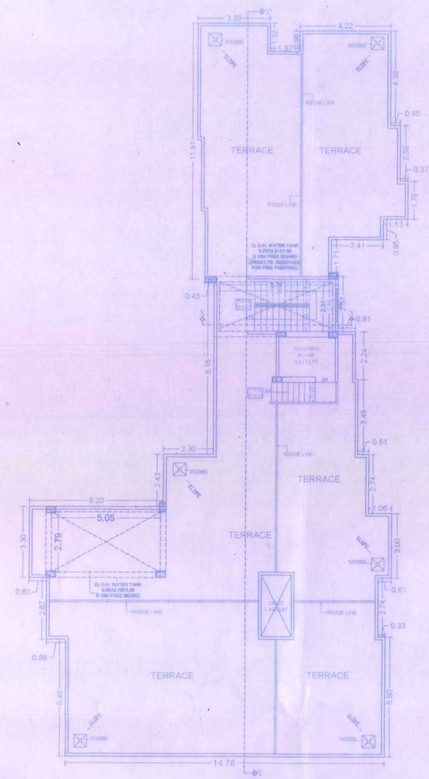
01/02



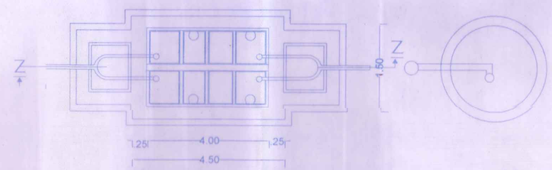
SIDE ELEVATION
SCALE - 1:100



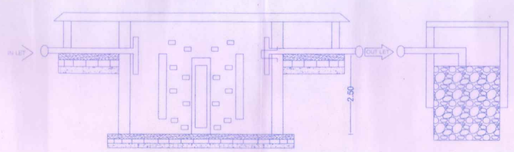
FRONT ELEVATION
SCALE - 1:100



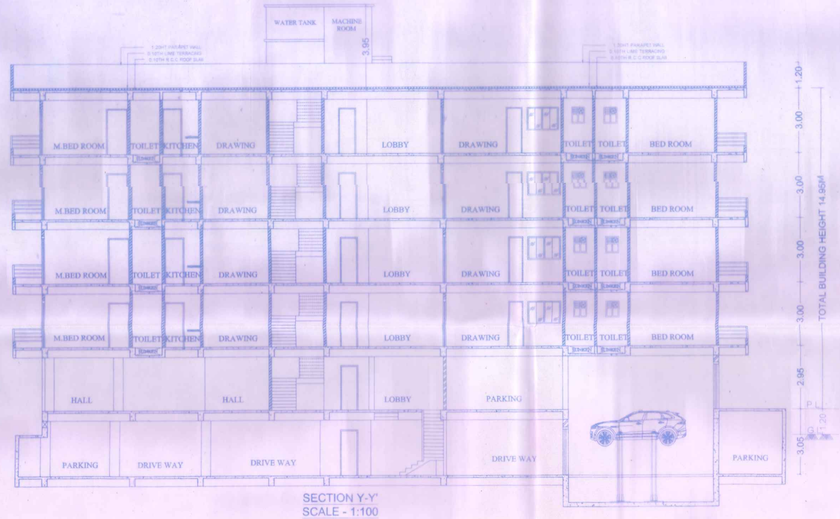
TERRACE FLOOR PLAN
SCALE - 1:100



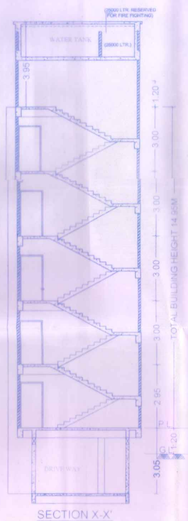
PLAN OF SEPTIC TANK & SOAK PIT



SECTION Z - Z



SECTION Y-Y'
SCALE - 1:100



SECTION X-X'
SCALE - 1:100

PARKING AREA CALCULATION

FOR RESIDENTIAL:-

PARKING AREA REQUIRED @ 25%
TOTAL RESIDENTIAL B/U AREA = 1494.06 Sqm.
SO PARKING AREA REQUIRED AFTER DEDUCTION OF SERVICE AREA (@15.5%) OF B/U AREA = 1494.06-15% = 1269.35 Sqm.
AS/AMMENDMENT POINT NO :- 37, (iii)
SO PARKING AREA REQUIRED FOR RESIDENTIAL = 1269.35 @ 25% = 317.34 Sqm.

PARKING PROVIDED AT Covered Basement Floor
= (Basement Flr. Area) - (Basement Flr. B/u Area)
= (312.50 - 10.62)= 301.88 Sqm.
PARKING PROVIDED AT Covered Ground Floor
= (Ground Flr. Area) - (Ground Flr. B/u Area)
= (309.01 - 216.64)= 92.37 Sqm.

TOTAL PARKING PROVIDED
= 301.88+92.37=394.25Sqm

GREEN AREA CALCULATION

TOTAL PLOT AREA = 599.92 Sqm.
RECHARGE PIT CAPACITY @ 5% OF THE PLOT
SO,REQUIRED GREEN AREA = 30.00 Sqm.
TOTAL GREEN AREA PROVIDED= 49.60 Sqm.

SPECIFICATION

(1) FOUNDATION :- = R.C.C. PILE FOUNDATION.
(2) SUPER STRUCTURE :- 1st CLASS BRICK WORK IN CEMENT MORTAR 1:6.
(3) FLOORING : - .025 TH I. P. S FLOORING OVER .15 DRY RAMMED KHOA OVER ONE LAYER BRIK FLAT SOLING . OVER LOCAL SAND FILLING.
(4) R .C .C . WORK :- SLAB, LINTEL , STAIR, BEAM & CHAJJA IN 1 : 1-1/2 : 3 WITH PROPER REIN FOR CEMENT .
(5) TERRACING- .10TH AVERAGE LIME TERRACING OVER .10 TH R .C .C. ROOF SLAB
(6) PLASTER :- .012 TH CEMENT PLASTER ON BOTH SIDE WALL & .006 CEMENT PLASTER ON CELING .
(7) DRAIN :- 18 CM WIDE & 30 CM DEEP PUCCA DRAIN ROUND IN THE BUILDING .
(8) COLOUR :- - AS PER CHOICE .

-: FIRE LEGEND :-

1.	UNDER GROUND WATER TANK OF 50000 LTRS. CAP.	50,000 LTRS.
2.	O.H. WATER TANK OF 25000 LTRS. CAP.	25,000 LTRS.
3.	FIRE RESISTANCE DOOR	FD
4.	FIRE HYDRANT SYSTEM	W
5.	HOSE REEL	
6.	MANUAL CALL ALARM POINT	
7.	FIRE EXTINGUISHER CO2 TYPE	
8.	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
9.	SEAMESE CONNECTION	
10.	EMERGENCY LIGHTING SYSTEM	
11.	FIRE SPRINKLER	S
12.	SMOKE DETACTOR	A S A

RAIN WATER HARVESTING CALCULATION

TOTAL TERRACE AREA = 319.20 Sqm.
RECHARGE PIT CAPACITY @ 6 CUM FOR 100 Sqm.
SO, 319.20 Sqm. REQUIRED RECHARGE PIT AREA
= 3.19 X 6 = 19.14 Cum.
RECHARGE PIT SIZE PROVIDED
= 4.50X3.00X3.00 = 40.50 Cum.

PROJECT:-

PROPOSED RESIDENTIAL BUILDING FOR SRI CHITRANJAN SINHA S/O LATE CHANDRA SHEKHAR SINHA RESIDENT OF- GULLOBARA, P.O.- LALBAGH, DARBHANGA

ON PLOT LOCATED AT PURANI RAMCHOWK RAMBAGH, MAUZA - RAMCHOWK, HALKA- 09, DIVISION - 01 , PLOT NO - 12236,12245,12246, 12247,12248,12249, [redacted] 12252, 12235, 12253 & 12244, WARD NO -10, ANCHAL- DARBHANGA SADAR, DARBHANGA

SIGNATURE OF OWNER.	SIGNATURE OF ARCH./ENG.
	ER. PANKAJ KR. KARN (EMPANELLED ENGINEER) E/M.P. No.-BR/ENG/DGE/23-0012 UD/HD, Bihar

नगर निगम,दरभंगा

परिसर प्लान संख्या.....
बिहार नगरपालिका अधिनियम 2007 बिहार भवन उपविधि 2014 तथा नगर विकास एवं आवास विभाग की अधिसूचना सं० G&C दिनांक 24.02.2 के आलोक में बिहार भवन (संशोधन) उपविधि 202 के अन्तर्गत भवन निर्माण/परिवर्तन/परिवर्द्धन की स्वीकृति दी जाती है।

दरभंगा नगर निगम,दरभंगा

I.E
DMC

AME
DMC

02/02