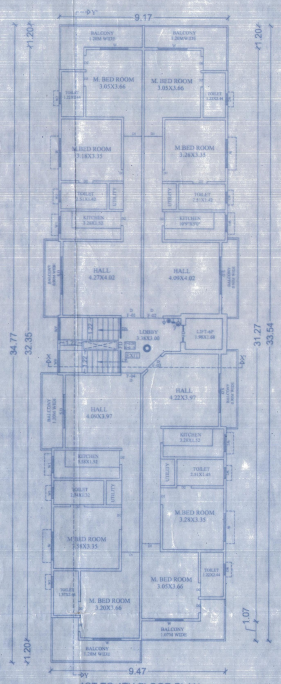
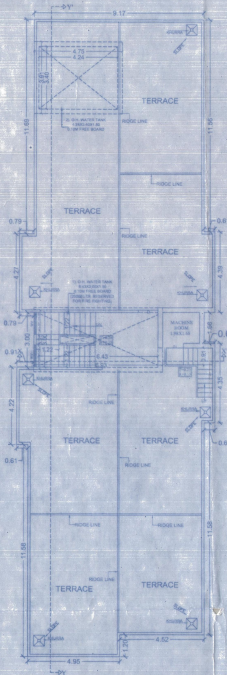


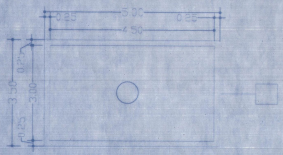
GROUND FLOOR PLAN
SCALE - 1:100



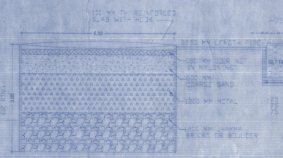
1ST TO 4TH FLOOR PLAN
SCALE - 1:100

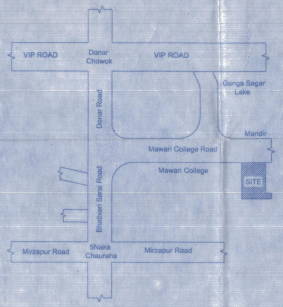


TERRACE FLOOR PLAN
SCALE - 1:100

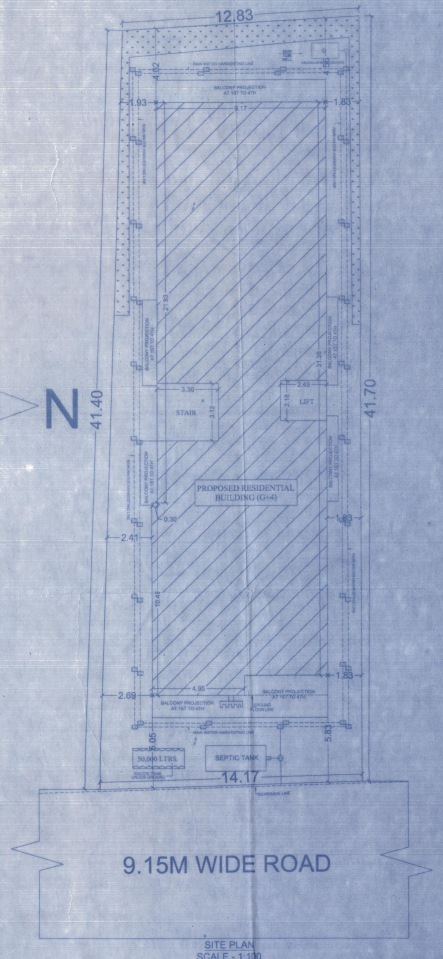


PLAN OF RAIN WATER HARVESTING SYSTEM





LOCATION PLAN
NOT TO SCALE



SITE PLAN
SCALE - 1:100

PARKING AREA CALCULATION

FOR RESIDENTIAL:-
PARKING AREA REQUIRED @ 25%
TOTAL RESIDENTIAL B/U AREA = 1255.33 Sqm.
SO PARKING AREA REQUIRED AFTER DEDUCTION OF SERVICE AREA (@15 %) OF B/U AREA = 1255.33 - 15% = 1067.03Sqm.
AS/AMMENDMENT POINT NO. -37, (iii)
SO PARKING AREA REQUIRED FOR RESIDENTIAL = 1067.03 @ 25% = **266.75 Sqm.**

PARKING PROVIDED AT Covered Ground Floor = (Ground Flr. Area) - (Ground Flr. B/a Area)
= (308.98 - 16.17)= 292.81 Sqm.

GREEN AREA CALCULATION

TOTAL PLOT AREA = 559.95 Sqm.
RECHARGE PIT CAPACITY @ 5% OF THE PLOT
SO,REQUIRED GREEN AREA = **27.99 Sqm.**
TOTAL GREEN AREA PROVIDED= **27.99 Sqm.**

RAIN WATER HARVESTING CALCULATION

TOTAL TERRACE AREA = 329.45 Sqm.
RECHARGE PIT CAPACITY @ 6 CUM FOR 100 Sqm.
SO, 329.45 Sqm. REQUIRED RECHARGE PIT AREA = 3.29 X 6 = **19.74 Cum.**
RECHARGE PIT SIZE PROVIDED
= 4.50X3.00X3.00 = **40.50 Cum.**

SEPTIC TANK CALCULATION

FOR RESIDENTIAL:-
TOTAL NOS OF FLAT = 16
ASSUME 5 PERSONS /FLAT REQ. 16 X5 = 80
ADD 20 % EXTRA = 96 PERSON
SO, TOTAL NOS OF PERSON = 96 NOS
CAPACITY OF SEPTIC TANK FOR 96 PERSON @ 0.085 M / PERSON / DAY 96 X 0.085 = 8.16 Cum.
SIZE REQUIRED FOR SEPTIC TANK = **8.16 Cum.**

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

WATER TANK CALCULATION

FOR RESIDENTIAL:-
TOTAL NOS. OF FLAT = 16
ASSUME 5 PERSONS /FLAT REQ. 16X5 = 80
TOTAL NOS OF PEASON = 80
ADD 20 % EXTRA = 96
PERSON ASSUME 135 LTR. WATER CONSUMPTION PER /DAY
96 X 135 = 12960Ltr. = 25000 Ltrs (For Fire Fighting)
= **12.96 + 25.00 = 37.96 Cum**

TOTAL SIZE OF WATER TANK PROVIDED
1). 6.43 X3.00X1.50 = 28.93 CUM
2). 4.24 X3.40X1.50 = 21.62 CUM
= **TOTAL = 50.55 Cum**

SPECIFICATION

(1) FOUNDATION :- R.C.C. PILE FOUNDATION
(2) SUPER STRUCTURE :- 1st CLASS BRICK WORK IN CEMENT MORTAR 1:6
(3) FLOORING :- 225 TH L.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 1:1:2 3 WITH PROPER REINFORCEMENT
(5) TERRACING :- 100TH AVERAGE LIME TERRACING OVER 90 TH R.C.C. ROOF SLAB
(6) PLASTER :- 012 TH CEMENT PLASTER ON BOTH SIDE WALL & 008 CEMENT PLASTER ON CEILING
(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

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL LEV.	LIN. LEV.	REMARK
D	1.07	2.05	0.00	BEAM BOTTOM	FULLY PANNELLED 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	

AREA CALCULATION

TOTAL PLOT AREA (AS/POSESSION)	559.95 Sqm.
GROUND FLOOR B/U AREA	16.17 Sqm.
FIRST FLOOR B/U AREA	309.79 Sqm.
SECOND FLOOR B/U AREA	309.79 Sqm.
THIRD FLOOR B/U AREA	309.79 Sqm.
FOURTH FLOOR B/U AREA	309.79 Sqm.
TOTAL B/U AREA	1255.33 Sqm.

F.A.R. = 2.24

PROJECT:-

PROPOSED RESIDENTIAL BUILDING FOR
1. SRI DIWAKER MISHRA, S/O LATE SIDHINATH MISHRA
2.SRI MANOJ KUMAR MISHRA
3.SRI RAKESH KR. MISHRA, S/O LATE MOHAN MISHRA
4.SRI PRAMOD KR. MISHRA

RESIDENT OF- HAVELI DARBHANGA JALKAR BANKAR,KHATA NO-81[redacted] PLOT NO- 941, 942,943 & 944 MAUZA - HAVELI DARBHANGA JALKAR BANKAR, HALKA- 10, THANA NO - 509, MOHALLA- GANGASAGAR,DISTT- DARBHANGA

DEVELOPER:- JAI SHRI SHYAM HOMES PVT LTD.

Er. Pankaj Kr. Karn
(Engineer)
EMP No.-ER/10/2018
ATM MUNICIPAL CORPORATION

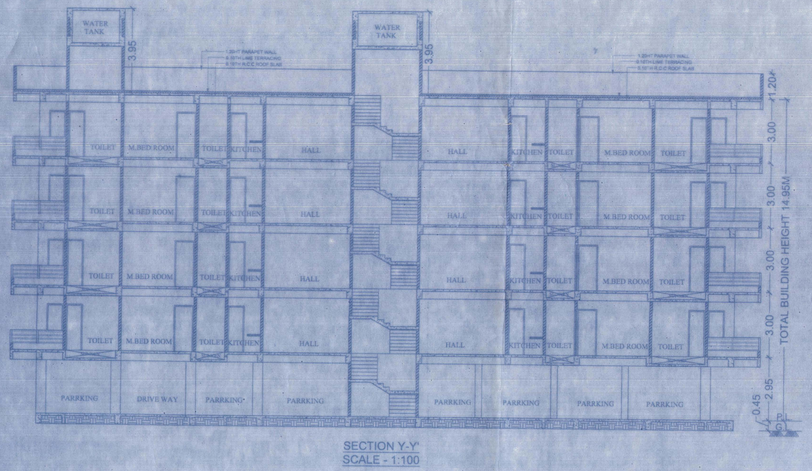
SIGNATURE OF OWNER /DEVELOPER

SIGNATURE OF ARCH./ENG.

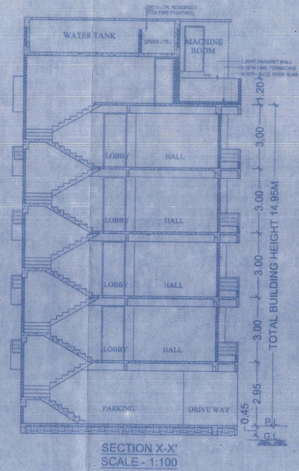
Junior Engineer
Municipal Corporation
DARBHANGA

Assistant Engineer
Municipal Corporation
DARBHANGA

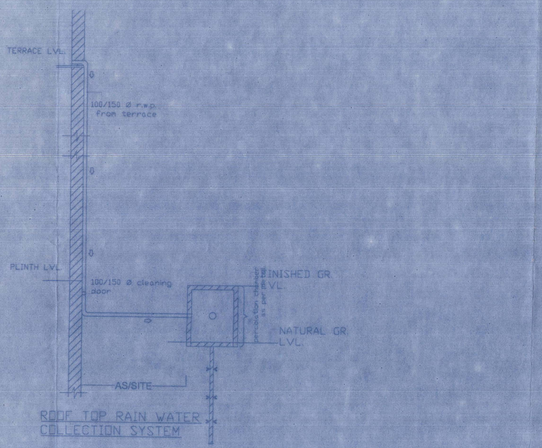
01/02



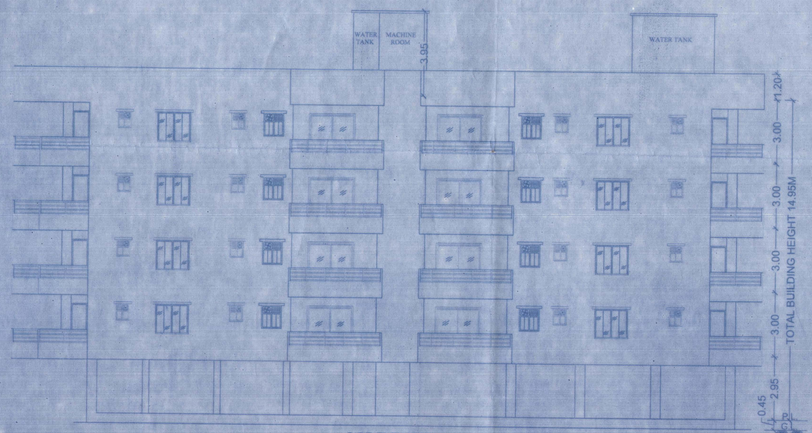
SECTION Y-Y'
SCALE - 1:100



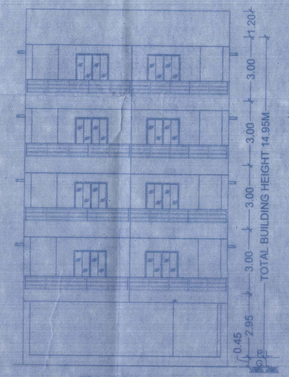
SECTION X-X'
SCALE - 1:100



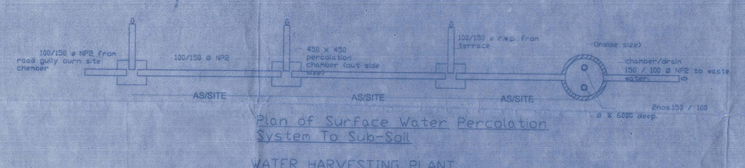
ROOF TOP RAIN WATER COLLECTION SYSTEM



SIDE ELEVATION
SCALE - 1:100

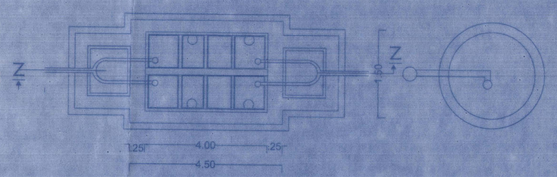


FRONT ELEVATION
SCALE - 1:100

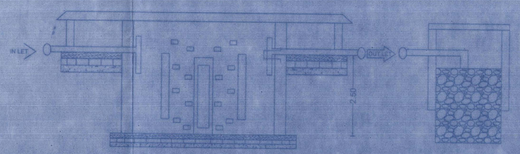


Plan of Surface Water Percolation System To Sub-Soil

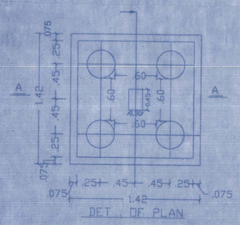
WATER HARVESTING PLANT

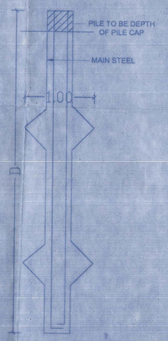


PLAN OF SEPTIC TANK & SOAK PIT

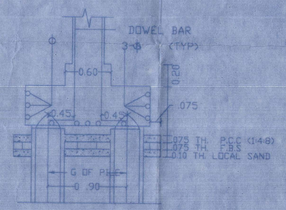


SECTION Z-Z





DET. OF PILE FOUNDATION



SECTION A-A

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 LAYER BRICK 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 CEILING.

(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.
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RESIDENT OF- HAVELI DARBHANGA JALKAR BANKAR, KHATA NO-81 [illegible] PLOT NO- 941, 942,943 & 944 MAUZA - HAVELI DARBHANGA JALKAR BANKAR, HALKA- 10, THANA NO - 509, MOHALLA- GANGASAGAR, DISTT- DARBHANGA

DEVELOPER:- JAI SHRI SHYAM HOMES PVT LTD.

Manoj Kumar Mishra, Pramod Kumar Mishra, Rakesh Kumar Mishra, Diwakar Mishra

Er. Pankaj Kr. Karn (Engineer) EMP No.-IER/10/2018 PATNA MUNCIPAL CORPORATION

SIGNATURE OF OWNER/DEVELOPER | SIGNATURE OF ARCH./ENG.

Istiaque 19/10/25 JE

Asstt. Engineer Municipal Corporation Darbhanga

दरभंगा नगर निगम, दरभंगा
भवन निर्माण परमिट पत्रांक [illegible]
बिहार म्यूनिसिपल्को की धारा [illegible]
उपविधि 2014 तथा [illegible]
विभाग [illegible]
के आलोक में [illegible]
के अनुपालन पश्चात निर्माण [illegible]
जाता है।

24/10/2025 आयुक्त नगर निगम, दरभंगा