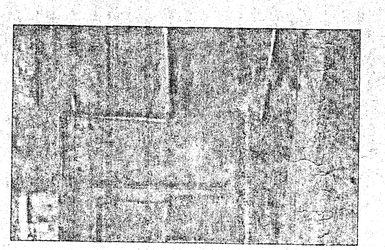
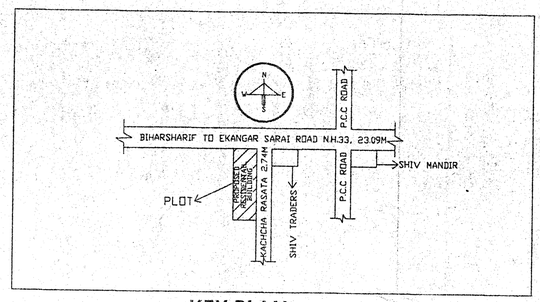
B.P. Case No.- 18/2023-24



LOCATION PLAN



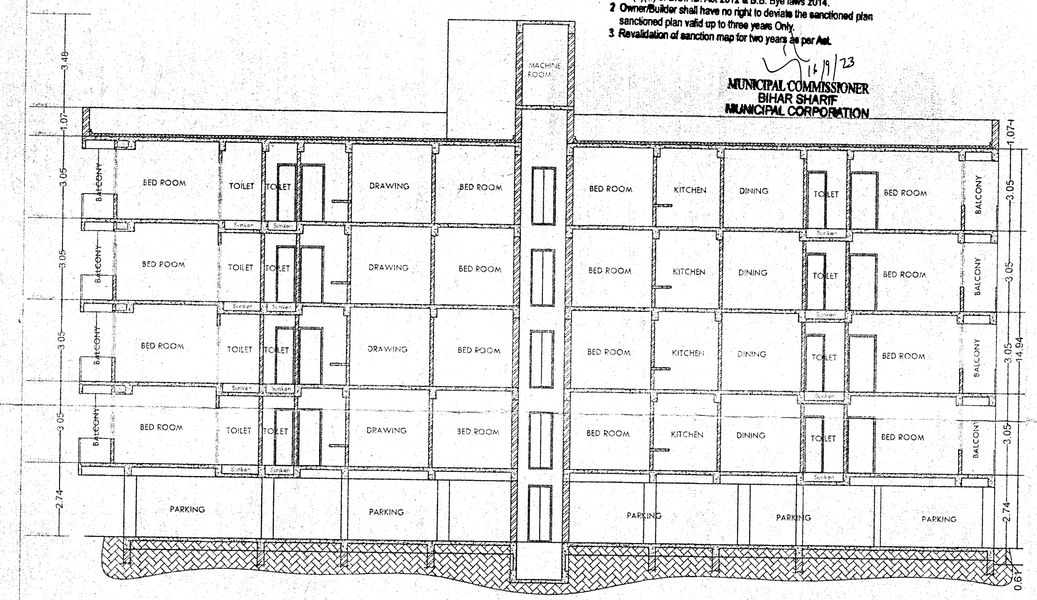
KEY PLAN

1. Plan is sanctioned under section-321 & B.M.Act, 2007 sanction 81 (2)(w) of B.U.P.D. Act 2012 & B.B. Bye laws 2014.
2. Owner/Builder shall have no right to deviate the sanctioned plan sanctioned plan valid up to three years Only.
3. Revalidation of sanction map for two years as per Act.

16/9/23
MUNICIPAL COMMISSIONER
BIHAR SHARIF
MUNICIPAL CORPORATION

प्रस्तावित स्थल का निरीक्षण किया। मानचित्र की लोकेशन ठीक पाया गया।

सहायक अभियन्ता
विहार शरीफ, बजट विभाग



SECTION AT--2-2'



EAST SIDE ELEVATION

PARKING CALCULATION:-

TOTAL RESIDENTIAL B/UP AREA= 1639.90 Sqmt.
DEDUCT SERVICE AREA:-1639.90X15%=245.98 Sqmt
1639.90-245.98=1393.92 Sqmt
REQUIRED @25% OF THE DEDUCTED SERVICE AREA FROMRESIDENTIAL B/UP AREA:-
1393.92X25%= 348.48 Sqmt.

TOTAL REQUIRED PARKING SPACE= 348.48 Sqmt.

PROVIDED PARKING SPACE= 369.28 Sqmt
ON GROUND FLOOR LVL.

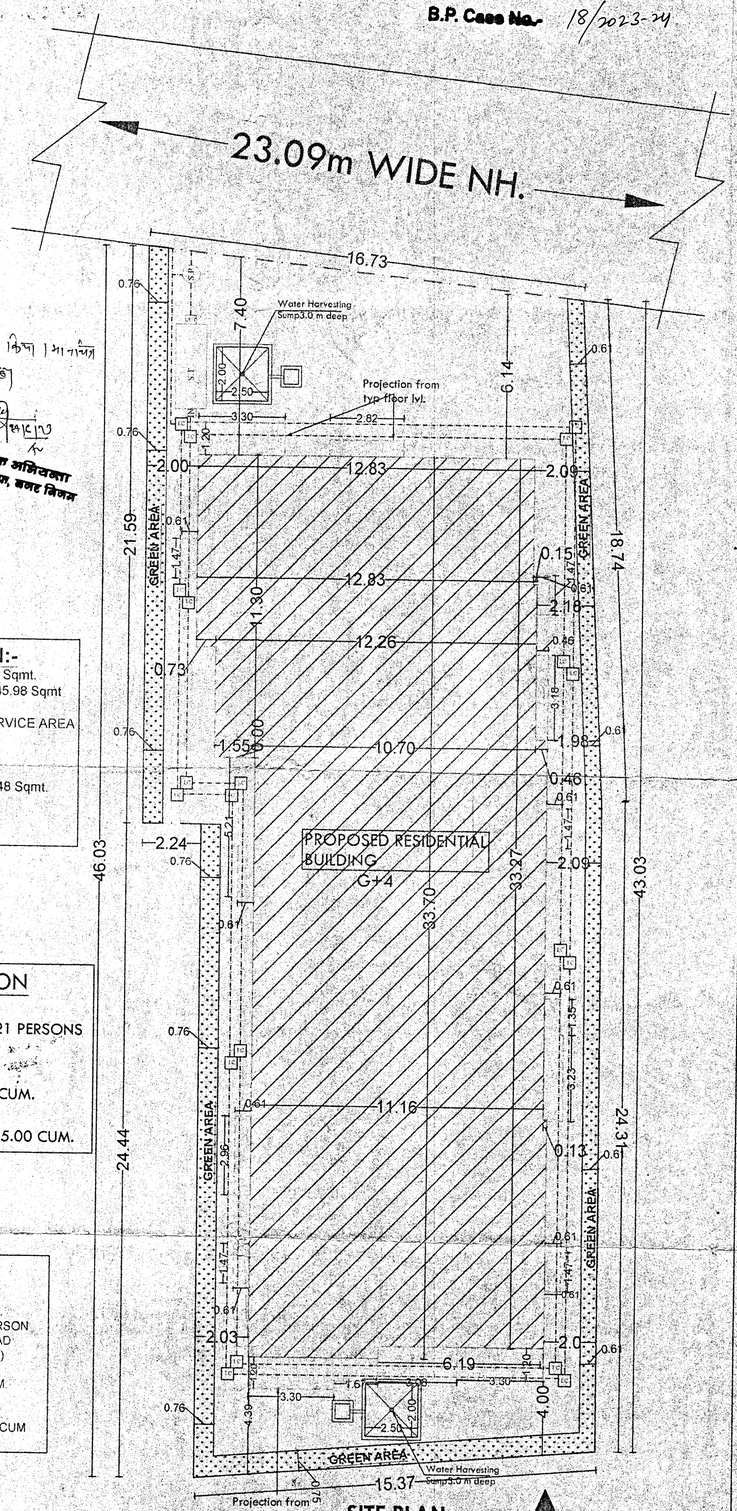
SEPTIC TANK CALCULATION

TOTAL NOS. OF PERSONS = 96
REQUIRMENT OF SEPTIC TANK FOR 21 PERSONS
@ 0.085 CUM. / PERSONS / DAY =
96 X 0.085 = 8.16 CUM
PROVIDED OF SEPTIC TANK = 24.00 CUM.
SIZE OF SEPTIC TANK -
L.= 5.00 X W. = 2.00 X H.= 2.50 = 25.00 CUM.

RESIDENTIAL WATER CALCULATION
TOTAL NO OF FLAT IS 16
ASSUME 05 PER PER FLAT AND
01 PERSON EXTRA PER FLAT=06 NOS.
TOTAL NO OF PERSON =16X6= 96 PERSON
WATER REQUIRED @135LTS/DAY/HEAD
SO 96X135= 12,960 LTR - 12.96 CUM.(B)

TOTAL WATER REQUIRED :- 12.96 CUM.

SIZE OF OVER HEAD WATER TANK :-
(01) (L) 4.73X (W) 2.49X (H) 1.17= 13.77 CUM



SITE PLAN
Scale:- 1:100

NORTH

SPECIFICATION:-

1. FOUNDATION R.C.C. UNDER RAMMED PILE FOUNDATION 8.0M DEEP WITH PROPER RE-INFORCEMENT.
2. SUPER STRUCTURE 1ST CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR (1:6)
3. PLINTH HEIGHT G.L. AND P.L. AS SHOWN IN SECTION
4. FLOORING 25mm THICK I.P.S. FLOORING OVER 125 TH. DRY RAMMED KHOA OVER 75mm TH. BRICK FLAT SOLLING OVER SAND FILLING
5. ROOF 10m THICK AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB.
6. DOORS CHOWKHATS OF DOORS TO BE SAL WOOD.
7. WINDOWS ALL WINDOWS TO BE FULLY GLAZED IN STEEL FRAME.
8. PLASTER 12mm THICK CEMENT PLASTER ON BOTH SIDE OF BRICK WALL.
9. COLOURING COLOUR OR WHITE WASH AS PER CHOICE

SCHEDULE OF DOORS & WINDOWS:-

SL.NO	TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
01	D1	1.05m	2.10m	0.00m	2.10m	DOOR
02	D2	0.90m	2.10m	0.15m	2.10m	DOOR
03	D3	0.90m	2.10m	0.15m	2.10m	DOOR
04	D4	0.75m	2.10m	0.15m	2.10m	DOOR
05						
06	W1	1.65m	1.20m	0.90m	2.10m	DOOR
07	W2	1.20m	1.20m	0.90m	2.10m	DOOR
08	W3	1.40m	1.20m	0.90m	2.10m	DOOR
09	W4	0.60m	0.60m	1.20m	2.10m	DOOR
10						
11						
12						

AREA CALCULATION :-

TOTAL PLOT AREA AS PER DEED = 1296.03 Sqm.
NET PLOT AREA = 718.50 Sqm.

PROPOSED BUILDING

GROUND FLOOR B/UP AREA =	19.94 SQ.M
FIRST FLOOR B/UP AREA =	404.99 SQ.M
SECOND FLOOR B/UP AREA =	404.99 SQ.M
THIRD FLOOR B/UP AREA =	404.99 SQ.M
FOURTH FLOOR B/UP AREA =	404.99 SQ.M
TOTAL B/U AREA	**= 1639.90 SQ.M**

F.A.R Permissable = 2.5 F.A.R achieved = 1639.90 Sqmt / 718.50 Sqmt = 2.28

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING FOR SRI ANIL KUMAR SINHAAND SRI ARVIND PRASAD SINGH
S/O - LATE RAMANUJ PRASAD SINGH
PLOT NO:-856, 859, 860
HOLDING NO:- 518
WARD NO:- 48
CIRCLE :- BIHAR SHARIF
REVENUE CIRCLE:- MAGHRA(129)
THANA:- DEEPNAGAR
THANA NO:- 129
KHATA NO:- 371, 338, 344
KHASRA NO:- 856, 859, 860
DISTT- NALANDA (BIHAR)

SCALE 1 : 100 | SHEET NO. 02

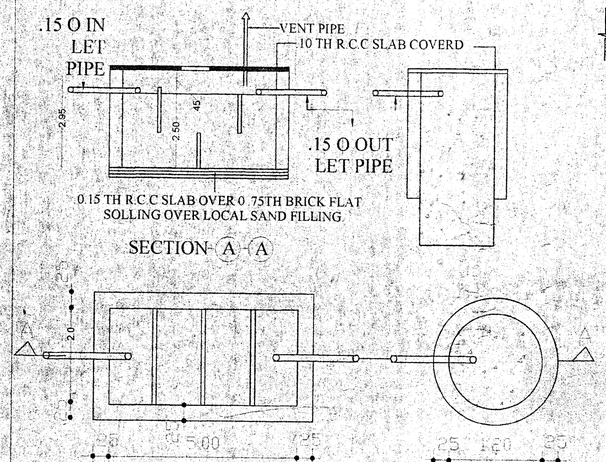
Harbhind Prasad Sinha
Anil Kumar Sinha

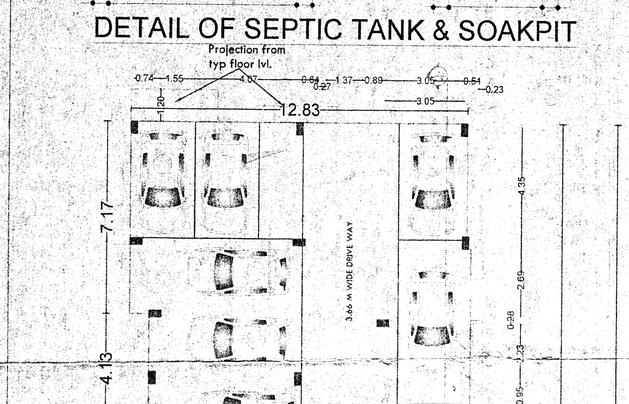
SIGNATURE OF OWNER

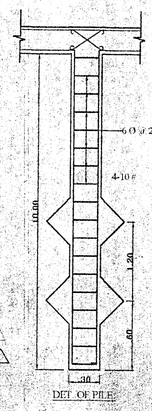
Priyanka Kumari 19/05/2023
Ar. Priyanka Kumari
(Architect)
Empanelment No./C.O.A No. AR/00/1122
Urban Development and Housing Dept. Govt. of Bihar, Patna
SIGNATURE OF ARCHITECT/ENGINEER
CA/2021/135547

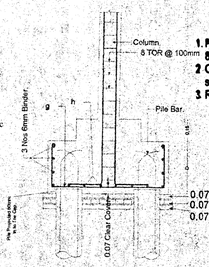
Vishal Choudhary 19/05/2023
Er. Vishal Choudhary
(Structural Engg.)
Institution No.-AM183179-0 (IEI)
Reg. No.- ST/002753
Urban Development and Housing Dept. Govt. of Bihar, Patna
BR/UDHD/SE/23-0065

A.K. Choudhary 19/05/2023
Er. Ajeet Kumar Choudhary
B.Sc. (Civil Engg.)
Reg. No.- 10/22-23, ST/002795
Biharsharif Nagar Nigam, Nalanda
BR/UDHD/CE/23-0191









TYPICAL DETAIL OF PILE CAP

1. Plan is sanctioned under section-321 & B.M.Act. 2007 sanction 81 (2)(w) of B.U.P.D. Act 2012 & B.B. Bye laws 2014.
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16/9/23
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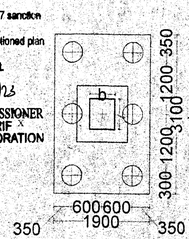
MUNICIPAL CORPORATION



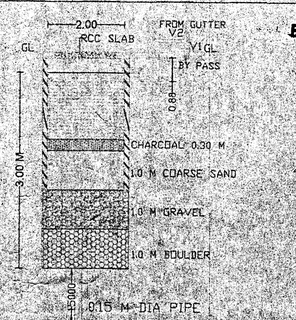
TYPICAL DETAIL OF FOUNDATION

GREEN AREA CALCULATION:-

TOTAL PLOT AREA= 718.50 SQMT
REQUIRED @10% OF THE PLOT AREA FOR PLANTATION
718.50X10%=71.85 Sqmt.
PROVIDED GREEN AREA FOR PLANTATION= 71.89 Sqmt IN SET BACK AREA.

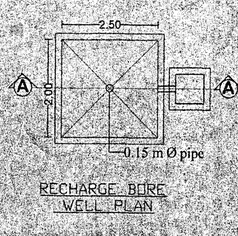
RAIN WATER HARVESTING CALCULATION:-

TERRACE FLOOR AREA= 420.78 SQMT
RAIN WATER HARVESTING SUMP REQ. 6CUM FOR EVERY 100 SQM. TERRACE AREA SO TOTAL
REQ. CAPACITY OF SUMP = 420.78X6/100=25.24 CUM.
PROVIDED TANK (01 NOS.) SIZE:-
L-2.50X W- 2.00X D-3.00= 15.00 CUM -02 NOS.



RECHARGE BORE WELL SECTION A-A

B.P. Case No. 18 2023-24



RECHARGE BORE WELL PLAN

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03	D3	0.80m	2.10m	0.0m	P.V.C.	
04	W1	0.90m	1.20m	0.9m	P.V.C.	
05	W2	0.60m	0.60m	0.9m	P.V.C.	
06	W3	1.50m	1.20m	0.9m	P.V.C.	
07	W4	1.35m	1.20m	0.90m	P.V.C.	
08	W5	1.20m	1.00m	1.10m	P.V.C.	
09	W6	0.60m	0.60m	2.10m	P.V.C.	
10						
11						
12						

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DISTT.- NALANDA (BIHAR)

SCALE 1 : 100 SHEET NO.

Dr. Vishal Choudhary
Anil Kumar Sinha

Priyanka Kumari
19/05/2023
Ar. Priyanka Kumari
(Architect)
Empanelment No. / C.O.A No. AR/001122
Urban Development and Housing Dept. Govt. of Bihar, Patna
SIGNATURE OF OWNER
SIGNATURE OF ARCHITECT/ENGINEER
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Nalanda
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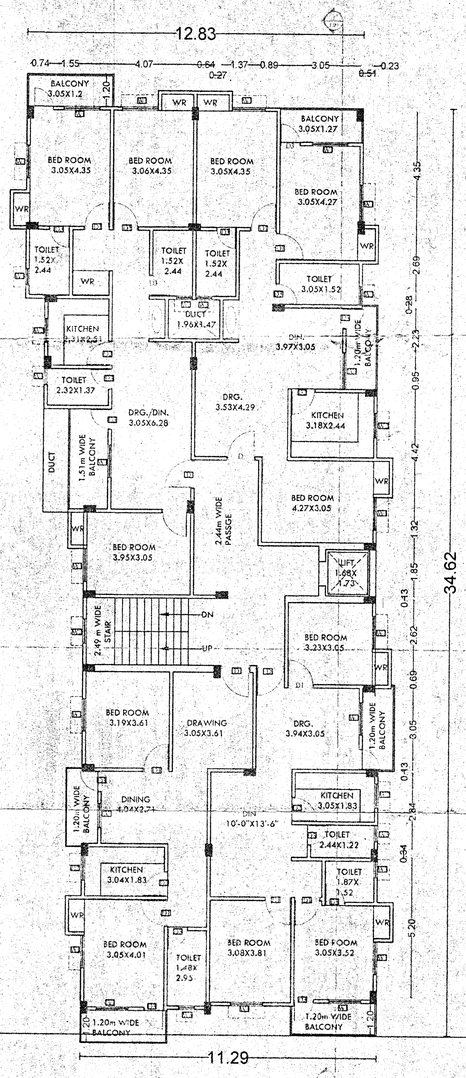
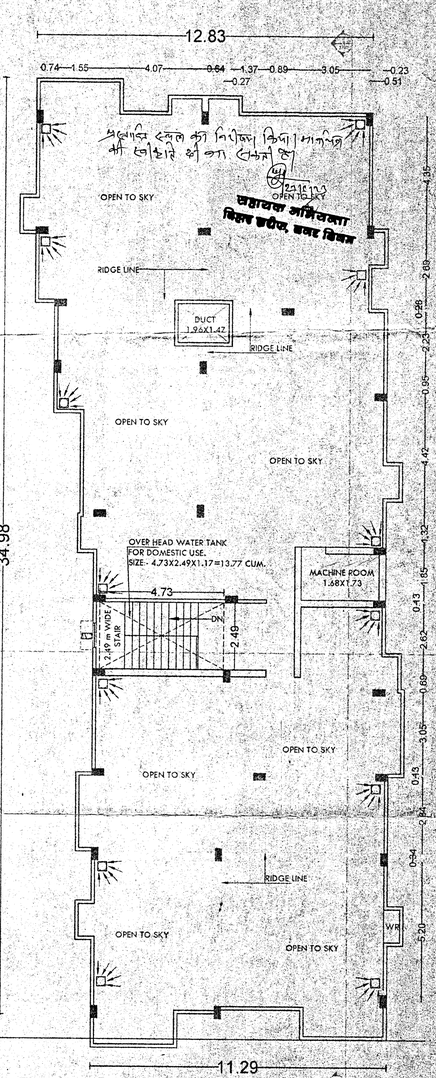
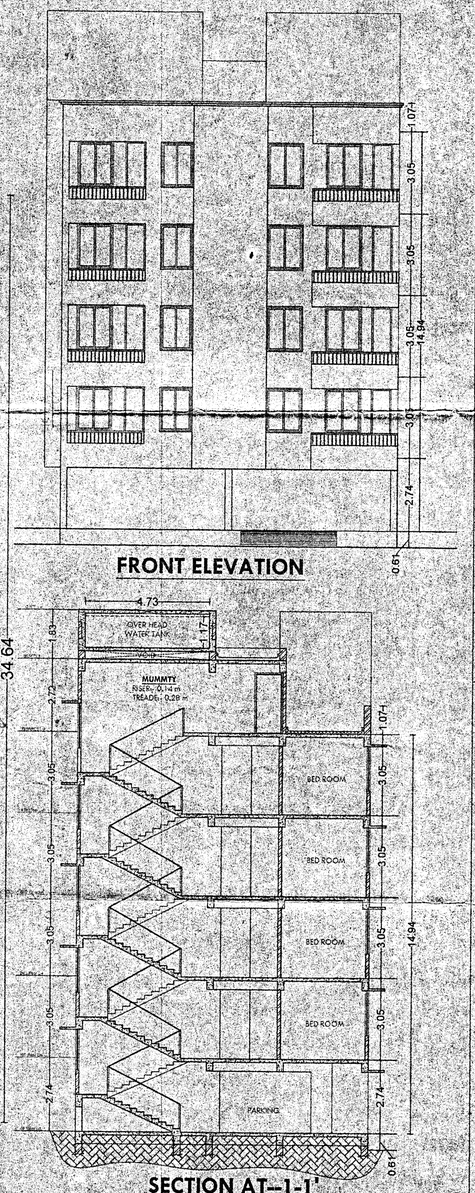
GROUND FLOOR PLAN



1ST,2ND,3RD & 4TH FLOOR PLAN



TERRACE FLOOR PLAN



SECTION AT--1-1'