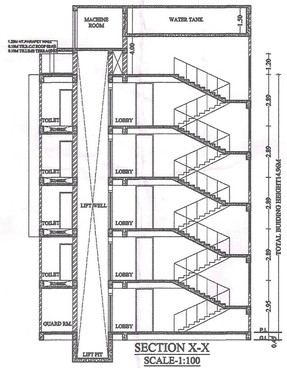


FRONT ELEVATION
SCALE-1:100



SOUTH SIDE ELEVATION
SCALE-1:100



SECTION X-X
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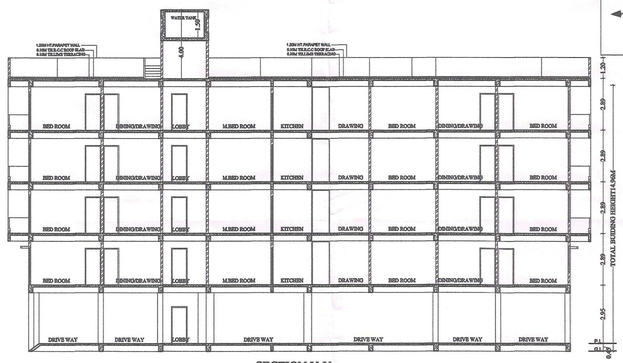

SECTION Y-Y
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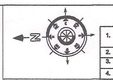


-: FIRE LEGEND :-

1.	UNDER GROUND WATER TANK OF 8,000 LTRS. CAP.	8,000 LTRS.
2.	FIRE RESISTANCE DOOR	FD
3.	FIRE HYDRANT SYSTEM	H
4.	HOSE REEL	
5.	MANUAL CALL ALARM POINT	
6.	FIRE EXTINGUISHER CO2 TYPE	
7.	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8.	SHANESE CONNECTION	
9.	EMERGENCY LIGHTING SYSTEM	
10.	FIRE SPRINKLER	
11.	SMOKE DETECTOR	S, A
12.	OVER HEAD WATER TANK 10,000 LTR.	10,000 LTRS.
13.	G.I.DOWN COMER SYSTEM	H

WATER TANK CALCULATION

FOR RESIDENTIAL
NOS. OF FLAT = 16
ASSUME 5PERSON / FLAT REQ.= 16X5 = 80
TOTAL NOS. OF PERSON = 80
ADD 20% EXTRA = 96PERSON
ASSUME 135 LTR WATER
CONSUMPTION/PER/DAY
= 96 X 135 + 5,000ltr.(FOR FIRE FIGHTING) = 17.96CUM
TOTAL WATER TANK SIZE REQUIRED
= 17.96 CUM.
TOTAL WATER TANK PROVIDED
1) 7.02X2.54X1.50 = **26.74CUM**

SEPTIC TANK CALCULATION

FOR RESIDENTIAL
NOS. OF FLAT = 16
ASSUME 5PERSON / FLAT REQ. 16X5 = 80
TOTAL NOS. OF PERSON = 80
ADD 20% EXTRA = 96 PERSON
CAPACITY OF SEPTIC TANK FOR 12PERSON
@ 0.085M / PERSON/ DAY
= 96X 0.085 = 8.16CUM
TOTAL SIZE OF SEPTIC TANK REQUIRED
= **8.16CUM.**
TOTAL SIZE OF SEPTIC TANK PROVIDED
= 4.00 X 2.00 X 2.00 = **16.00 CUM**

RAIN WATER HARVESTING CALCULATION

TOTAL TERRACE AREA = 392.73**SQM.**
RECHARGE PIT CAPACITY @ 6 CUM FOR 100 SQM.
SO, 3.92 SQM. REQUIRED RECHARGE PIT AREA
= 3.92 X 6 = 23.52CUM
RECHARGE PIT SIZE PROVIDED
= 4.00X3.00X2.00 = **24.00 CUM**

GREEN AREA CALCULATION

TOTAL PLOT AREA = 688.15 SQM.
GREEN AREA REQUIRED @ 10% OF THE PLOT
SO,REQUIRED GREEN AREA
= 68.81 SQM
TOTAL GREEN AREA PROVIDED
= 88.40 SQM

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 . ONS LAYER BRK FLAT SOLING . OVER LOCAL SAND FILLING.
(4) R .C .C . WORK : - SLAB, LINTEL , STAIR, BEAM & CHAJA IN 1 : 1-1/2 : 3 WITH PROPER RHN FOR CEMENT .
(5) PLASTER : - .012 TH CEMENT PLASTER ON BOTH SIDE WALL & 0.006 CEMENT PLASTER ON CEILING .
(6) DRAIN : - 18 CM WIDE & 30 CM DEEP PUCCA DRAIN ROUND IN THE BUILDING .
(7) COLOR : - AS PER CHOICE .

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL LEV.	LIN. LEV.	REMARK
	1.20	2.10	0.00	2.13	FULLYPANELLEDDOORS
D1	1.00	2.10	0.00	2.13	DO
D2	0.90	2.10	0.00	2.13	DO
D3	0.75	2.10	0.00	2.13	DO
		W I N D O W S			
W	1.50	1.38	0.75	2.13	FULLY GLAZED WINDOW
W1	1.20	1.38	0.75	2.13	DO
W2	0.90	1.05	1.05	2.13	DO
W3	0.60	0.75	1.35	2.13	DO

AREA CALCULATION

TOTAL PLOT AREA (AS/DEED) ---------- 688.21Sqm.
TOTAL PLOT AREA (AS/POSESSION)---------- 688.15 Sqm.

GROUND FLOOR B/U AREA ---------- 20.42 Sqm.
FIRST FLOOR B/U AREA ---------- 374.37 Sqm.
SECOND FLOOR B/U AREA ---------- 392.73 Sqm.
THIRD FLOOR B/U AREA ---------- 392.73 Sqm.
FOURTH FLOOR B/U AREA ---------- 392.73 Sqm.
TOTAL B/U AREA ---------- 1572.98 Sqm.

F.A.R = 1572.98 Sqm. / 688.15 Sqm. = 2.28

PARKING CALCULATION

FOR RESIDENTIAL :-
PARKING AREA REQUIRED @ 25%
TOTAL PARKING AREA REQUIRED = 1572.98 SQM
AS/AMENDMENT POINT NO. - 37, (iii)
SO PARKING AREA REQUIRED FOR RESIDENTIAL
= 1572.98 @ 25% = 393.24SQM
SO PARKING AREA REQUIRED AFTER DEDUCTION OF B/U AREA
= 393.24- 15% = 334.26 SQM
TOTAL PARKING AREA REQUIRED
= **334.26 SQM.**
PARKING AREA PROVIDED AT GROUND FLOOR
= (11.81 X 31.70) - (GROUND FLOOR B/U AREA)
= 11.81 X 31.70 - 20.42
= 374.37 - 20.42 = **353.95 Sqm**
.TOTAL PARKING AREA PROVIDED = **353.95Sqm.**

PROJECT DETAIL:-

PROPOSED RESIDENTIAL BUILDING FOR
NATURE HOMES VALLEY PRIVATE LIMITED
DEVELOPERS:-
M.D.-ZAFIR IMAM
S/O.-MD.BADRUDDIN IMAM
PLOT NO - 1480(New), 962(Old) KHATA NO - 37(New), 47(Old)
PLOT NO - 1481(New), 969(Old) KHATA NO - 250 (New), 46(Old)
MAUZA - DUBHAL THANA NO - 328
THANA - MAGADH MEDICAL COLLEGE
DIST.- GAYA
LAND OWNER
1) SRI RAMCHANDRA PRASAD
Alias RAMCHANDRA PRASAD SINGH
S/O- LATE MOHAN PRASAD

Nature Homes Valley Pvt. Ltd.
Director

SIGN. OF OWNER/DEVELOPER

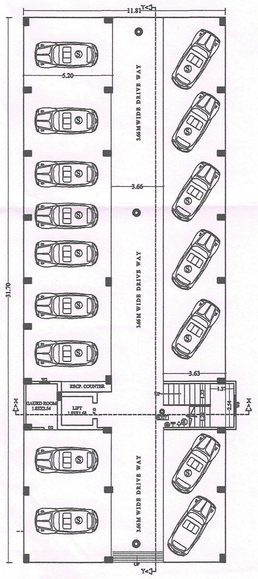
Ar. Rahul Kumar
Empanelment No. CA/2018/90073

SIGNATURE OF ARCH./ENG.

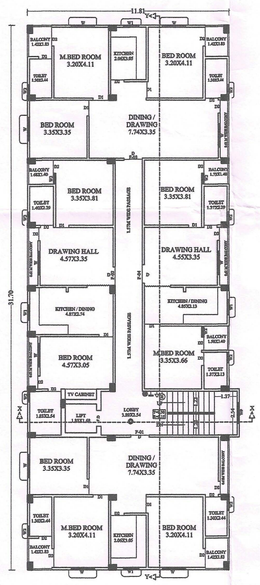
गया आयोजना क्षेत्र प्राधिकार, गया का मुकदमा नं० 01/26-27 बिहार नगरपालिका अधिनियम 2007 के धारा 314 के अंतर्गत स्वीकृत किया गया। नक्शा स्वीकृति की मान्यता पाँच वर्ष रहेगी।

मुख्य कार्यपालक पदाधिकारी
गया आयोजना क्षेत्र प्राधिकार, गया

APPROVED BY



GROUND FLOOR PLAN
SCALE-1:100



FIRST FLOOR PLAN
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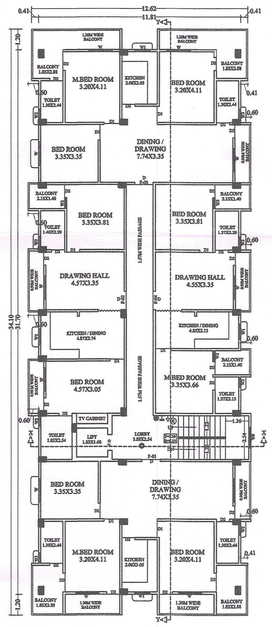

2ND TO 4TH FLOOR PLAN
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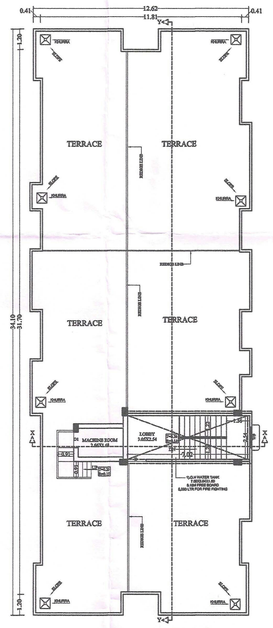

TERRACE FLOOR PLAN
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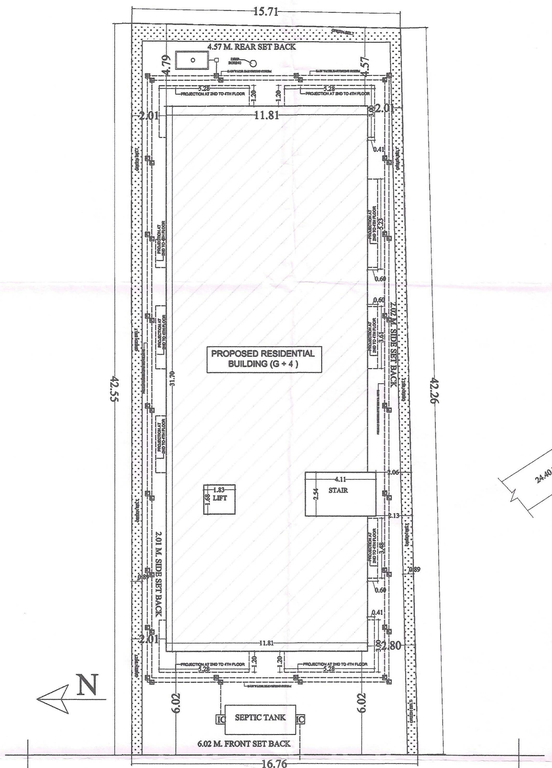
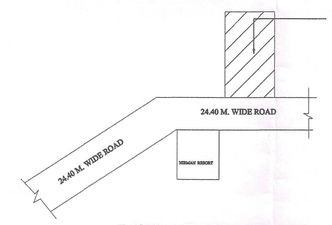


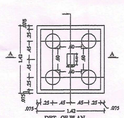
24.40M WIDE ROAD

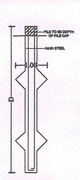
SITE PLAN
SCALE - 1:100

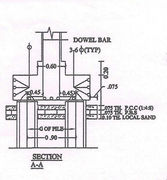


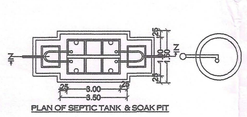
LOCATION PLAN

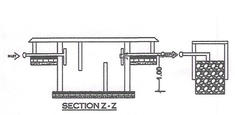
JE, Water plumbing work Brothers Nigam ji

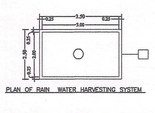


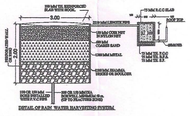


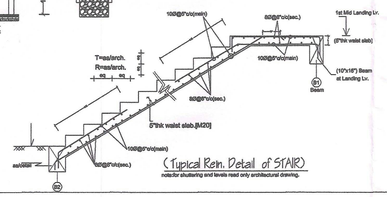




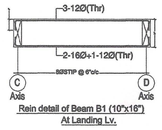








(Typical Rein. Detail of STAIR)
notes:for shuttering and levels read only architectural drawing.



Rein detail of Beam B1 (10"x16")
At Landing Lv.