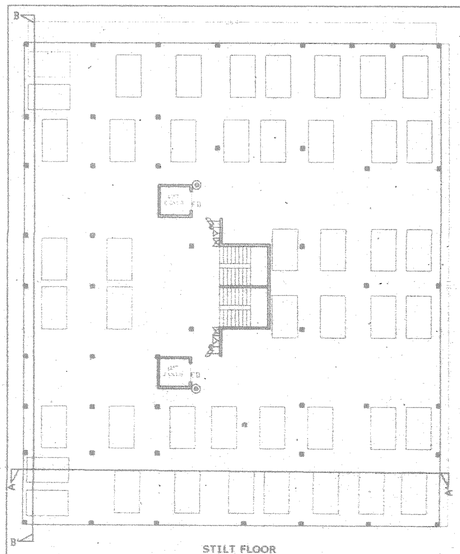
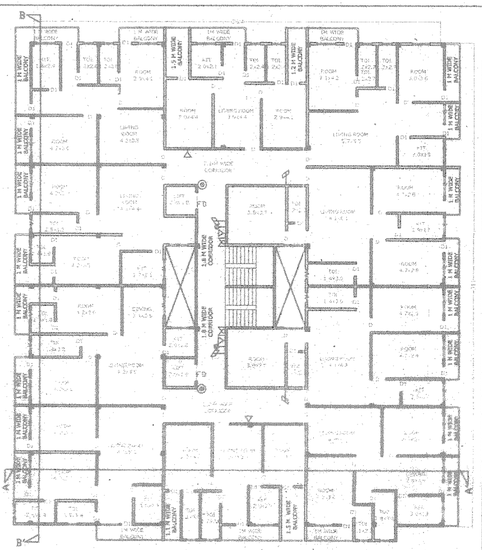
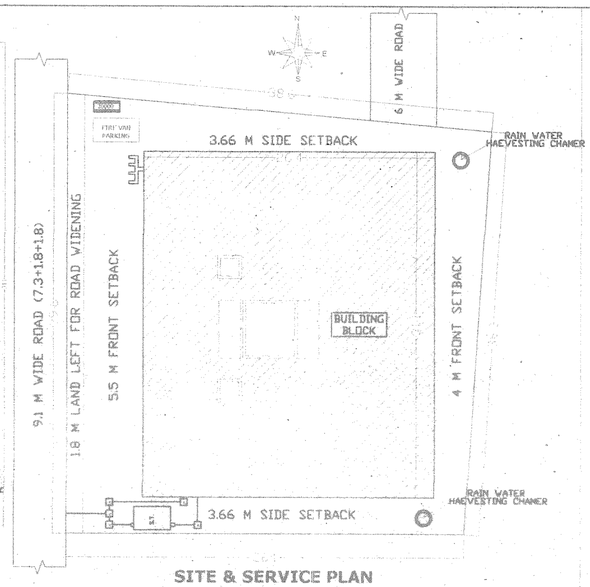


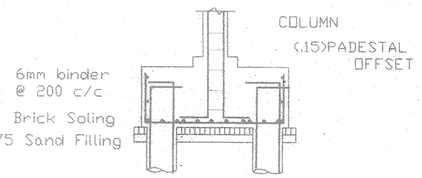
STILT FLOOR PLAN
SCALE-1:100



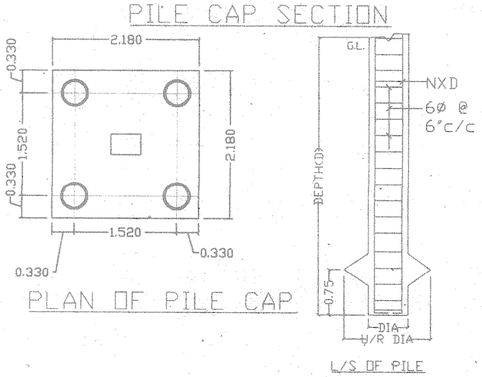
TYP. 1ST ,2ND, 3RD & 4TH. FLOOR PLAN
SCALE-1:100

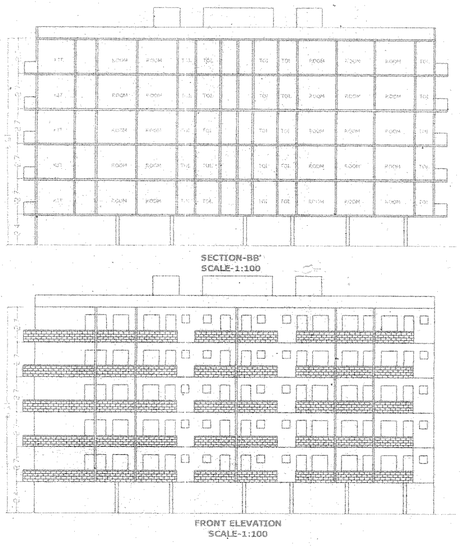


SITE & SERVICE PLAN
SCALE-1:200



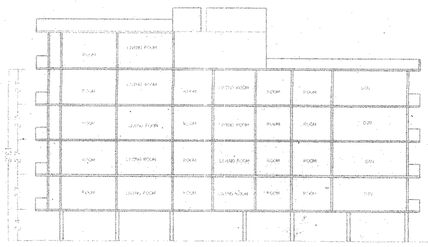
PILE CAP SECTION



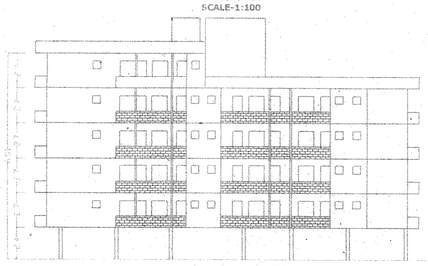


SECTION-BB'
SCALE-1:100

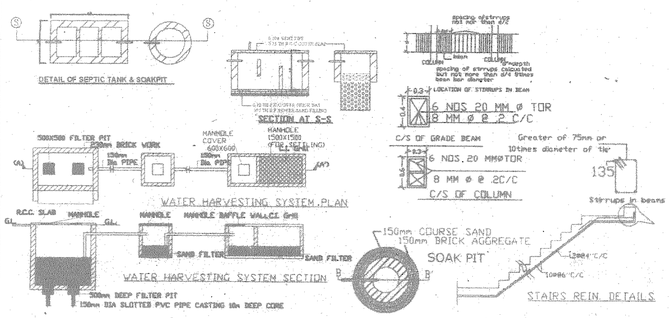
FRONT ELEVATION
SCALE-1:100

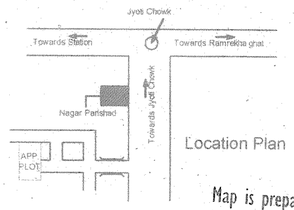


SECTION-AA'
SCALE-1:100



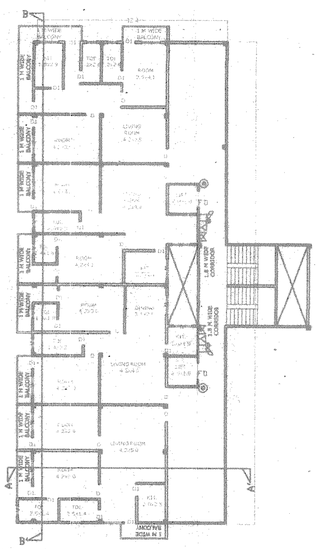
SOUTH SIDE ELEVATION
SCALE-1:100





Map is prepared in accordance to building by laws 2014.

The Owner & Builder shall be solely responsible for quality of Construction as Building by laws 2014 and in no case deviate from approved plan. If any deviation is found during the construction or any time the entire structure will be treated unauthorised.



5TH. FLOOR PLAN
SCALE-1:100

Realty Developers Pvt. Ltd.
Sanjay Kumar Garg
Director
Din-07449372

Ar. Madhu Singh
Certified Architect
COA/Regd. No.-CA/2014/66172

Er. Jitendra Singh
B.E. (Civil)
Registered Engineer
Buxar Nagar Parishad
Buxar (Bihar)

कार्यपालक पदाधिकारी
बक्सर परिषद्, बक्सर
20/11/21

SPECIFICATIONS:-

FOUNDATION

Providing&installing bored cast in situ r.c.c. (reinforced cement concretc) of specified dia and length below the pilecap in cement mortar 1:1/2:3(1cement:1/2coarse sand:3 graded stone aggregate or 20mm,nominal size) to carry the safe Warking load not less than specified

SUPER STRUCTURE

-RCC frame structure of construction as per IS codes and PWD specifications With earth quake resistance capacity

REINFORCING STEEL

unless noted otherwise specified,all reinforcements shall be TMT CRS 500 conforming to IS:1705-1987 with maximum yelld stress of 500map noted drawings as tor

STRUCTURAL NOTES-

High yield strength steel (deformed bars)having yield stress not less than 415N/mm(FE 415)conforming IS 1786 -1986 shall be uesd as reinforcement unless specified unless noted otherwise mix for all elements shall be M-25 Grade having 25 N/mm2 compressive strength at 28 days and shall be conforming to IS :456-2000

COVER

unless noted otherwise clear cover to main reinforcement shall be
Footing Raft Beam :50mm, Slab :20mm
Columns :40mm, Beams :30mm
Surfaces retaining water:50mm

LAP LENGTH (Ld)

Lap length for reinforcement at any section shall be 50xdia of bar

CONSTRUTION DETAIL

Notmore than 50% of bars shall be lapped at any section

LINTAL - lintal at door/window R.C.C 1:2:4(1cement :2coarse sand :4graded stone aggregate)

ROOFING -Providing 125MM R.C.C. roofslab with approved quality of stone chips and graded corese sand as per stucture design

DOOR/WINDOW SCHEDULE

S. N.	NAME	WIDTH	CILLS	LINTEL
1.	WINDOW(W)	1.8m	.9m	2.1m
2.	WINDOW(W2)	.9m	.9m	2.1m
3.	VANTILATOR(V)	.6m	1.5m	2.1m
4.	DOOR (D)	.9m	-	2.1m
5.	DOOR (D1)	.75m	-	2.1m

TYPE OF PILE	BORE DIA	DEPTH OF PILE	U/R	REINFORCEMENT R	REINFORCEMENT stirup
P	450	5M	2NO.	6NOS,20 mm/Ø	10mm Ø 6"C/C
P1(IP)	300	3.5M		4NOS,16 mm/Ø	8mm Ø 6"C/C

PROPOSED RESIDENTIAL GROUND,1st.,2nd.,3rd., & 4th., FLOOR PLAN OF OWNER-MADAN RAI S/O LATE SIDHNATH RAI
BUILDER-HIMALAYA REALTY DEVELOPERS (P) LTD.
MUNICIPAL WARD NO:- 11/34, KHATA NO: - 390
PLOT NO: - 3689,3690, THANA NO :- 332 MAUZA :- BUXAR KILA , Dist.- BUXAR

FIRE LEGEND

1. HYDRANT LAYOUT VALVE WET (W)
2. HOSE REEL
3. SEAMEGE CONNECTION FOR FIRE BRIDGE USE TO THE WET RISING SYSTEM
4. MANUAL CALL POINT 13.5X3.51
5. INDICATER PANEL (AA)
6. AREA COVERAGE BY SMOKE DETECTORS (ASA)
7. FIRE ALARM CALL POINT
8. AUDIABLE WARNING DEVICE
9. FIRE EXISTINGUISHER
10. SPRINKLERS (S)
11. OVER HEAD WATER TANK
12. UNDER GROUND WATER TANK WITH AUTOMATIC REFILLING ARRANGEMENT (20000)
13. OVERHEAD WATER TANK (10000)
14. F.R. DOOR (F.D)
15. MICROPHONE CONNECTION
16. LOUDSPEAKER OUT LET
17. LIGHITING POINT CONNECTED TO AN EMERGENCY SYSTEM (H)
18. GROUND HYDRANT

WATER REQUIREMENT

FIRST FLOOR = 821
SECOND FLOOR = 821
THIRD FLOOR = 821
FOURTH FLOOR = 821
FIFTH FLOOR =130
TOTAL = 3414
OCCUPANCY 1@ 20 SQM = 3414/20
=170.7 SAY 175 PERSONS
WATER REQUIREMENT @ 125 LTS =125X110=13750
TOTAL WATER REQUIREMENT =13750
PROVIDED 15000 LTS

SIZE OF SEPTIC TANK

TOTAL OCCUPANCY =175
SIZE @75 LTS =175X75
TOTAL =13125
PROVIDE =14000

PARKING CALCULATION

TOTAL BUILT UP AREA =2108 SQM
PARKING AREA =25%OF 862.2SQM
=862.2
SAY- =865SQM (STILT PARKING)

AREA CALCULATION(SQ.M.)

1-PLOT AREA -	1391.6
2-AREA LEFT FOR ROAD WIDENING-	71.28
3-NET PLOT AREA -	1 320.32
4-F.A.R	2.47
5-HEIGHT-	1 5.8
5- COVERED AREA PERCENTAGE	56%
6-COVERED AREA ON STILT FLOOR	36
7-COVERED AREA ON FIRST FLOOR	821.04
8-COVERED AREA ON SECOND FLOOR	821.04
9-COVERED AREA ON THIRD FLOOR	821.04
9-COVERED AREA ON FOURTH FLOOR	821.04
9-COVERED AREA ON FIFTH FLOOR	130
TOTAL AREA-	3450.16