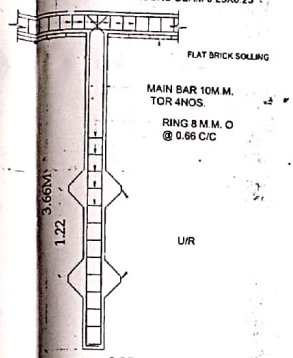


TYP. DET. OF PILE CAP



DETAIL OF U/R PILE FOUNDATION (NOT TO SCALE)

SEPTIC TANK CALCULATION
 PER FLAT = 6 PERSON, SO THAT 48 FLAT = 240 PERSON
 TOTAL = 240 PERSON
 ONE PERSON REQUIRED AREA = 0.085 H
 TOTAL REQUIRED AREA = 240 X 0.085 = 20.40 CUM/DAY
 SIZE OF SEPTIC TANK = (2.0 X 3.0 X 2.0) X 2 = 24.00 Cum

O.T. WATER TANK CALCULATION
 PER FLAT = 5 PERSON, SO THAT 48 FLAT = 240 PERSON
 TOTAL = 240 PERSON
 WATER REQUIREMENT OF 1 PERSON = 135 H
 TOTAL REQUIRED WATER = 240 X 135 Ltrs = 32400 LTR/DAY
 TOTAL REQUIRED WATER TANK = 32.40 CUM
 SIZE OF WATER TANK (4.50 X 2.50 X 1.50) X 2 = 35.10 Cum

PARKING CALCULATION
 TOTAL BUILT UP AREA = 4871.72 SQM.
 REQUIRED PARKING AREA = 25% OF 4871.72 SQM = 1217.93 SQM.
 PROVIDED PARKING AREA = 1250.56 SQM.

FIRE LEGEND

- UNDER GROUND WATER TANK OF 50000 LTRS. CAP.
- FIRE RESISTANCE DOOR
- FIRE HYDRANT SYSTEM
- HOSE REEL
- MANUAL CALL ALARM POINT
- FIRE EXTINGUISHER CO2 TYPE
- ILLUMINATED EXIT DIRECTIONAL SIGN
- SEAMSE CONNECTION
- EMERGENCY LIGHTING SYSTEM
- FIRE SPRINKLER
- SMOKE DETECTOR



SPECIFICATION

- FOUNDATION: AS PER DETAIL.
- R.C.C. FRAME STRUCTURE & 1st CLASS BRICK WORK IN CEMENT MORTAR.
- FLOORING: 125 TK. I.P.S. FLOORING OVER 75 TK. DRY RANDED KICHA OVER 075 TK. BRICK FLAT SOLING OVER LOCAL SAND FILING.
- 10 TK. R.C.C. SLAB WITH 11TK. LIME TERRACING.
- PLASTER: 015 TK. CEMENT PLASTER 1:4 BOWSHIE OF WALL.
- TEAK WOOD FRAME & SALWOOD SHUTTER ALL THE DOORS AND WINDOWS.
- INSIDE TWO COATS WHITE WASH AND OUT SIDE COLOUR WASH.
- CONCEALED PVC CONDUIT WIRING WITH STANDARD ELECTRICAL ACCESSORIES ADEQUATE HIGH POWER POINTS, ELECTRICAL FITTING LIKE TUBE, BULBS, FAN, ETC.
- ROUND THE CLOCK WATER SUPPLY BY MEAN OF AND OWN BORING / CONTINUOUS MUNICIPAL SUPPLY.

SCHEDULE OF DOORS & WINDOWS

SLNO	TYPE	WIDTH	LENGTH	DESCRIPTION
1	D1	1.00	2.10	FULLY PAINTED
2	D2	0.90	2.10	FULLY PAINTED
3	D3	0.75	2.10	FULLY PAINTED
4	W	1.00	1.20	FULLY GLAZED
5	W1	0.90	1.00	FULLY GLAZED
6	W2	0.60	0.90	FULLY GLAZED

PLOT DETAIL:
 PROPOSED RESIDENTIAL BUILDING OF I. SRI. CHANDANANAND SINGH, S/O. LATE SURAJ SINGH, 2. SRI. PARMANAND SINGH, S/O. LATE SURAJ SINGH, AT MAUZA- HARIO, THANA - CHANDAUTI, THANA NO - 332, TAUZI NO - 4100 KHATA NO - 23(N), 65(O) PLOT NO - 537(P), 287(N) DISTT. GAYA. (BIHAR)

AREA CALCULATION:

TOTAL PLOT AREA AS PER SITE:- 1957.21 SQM.
BUILT-UP-AREA BLOCK A :-
 GROUND FLOOR :- 41.46 SQM.
 FIRST FLOOR :- 584.85 SQM.
 SECOND FLOOR :- 584.85 SQM.
 THIRD FLOOR :- 584.85 SQM.
 FOURTH FLOOR :- 584.85 SQM.
 TOTAL :- 2380.86 SQM.
 BALCONY AREA :- 110.00 SQM.
 110.00 / 2 = 55.00 SQM.
TOTAL F.A.R. AREA OF BLOCK A :-
 2380.86 + 55.00 = 2435.86 SQM.

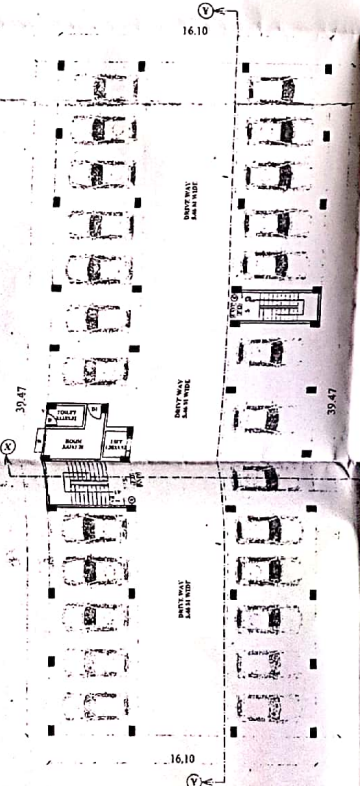
BUILT-UP-AREA BLOCK B :-
 GROUND FLOOR :- 41.46 SQM.
 FIRST FLOOR :- 584.85 SQM.
 SECOND FLOOR :- 584.85 SQM.
 THIRD FLOOR :- 584.85 SQM.
 FOURTH FLOOR :- 584.85 SQM.
 TOTAL :- 2380.86 SQM.
 BALCONY AREA :- 110.00 SQM.
 110.00 / 2 = 55.00 SQM.
TOTAL F.A.R. AREA OF BLOCK B :-
 2380.86 + 55.00 = 2435.86 SQM.
TOTAL F.A.R. AREA OF BLOCK A + B :-
 2435.86 + 2435.86 = 4871.72 SQM.
 F.A.R. = 2.49 COVERAGE AREA = 59.76 %

DEVELOPER
 Metro Sky Construction Pvt Ltd
 Director:- Sri Naresh Mahto S/O Sri Rajendra Mahto

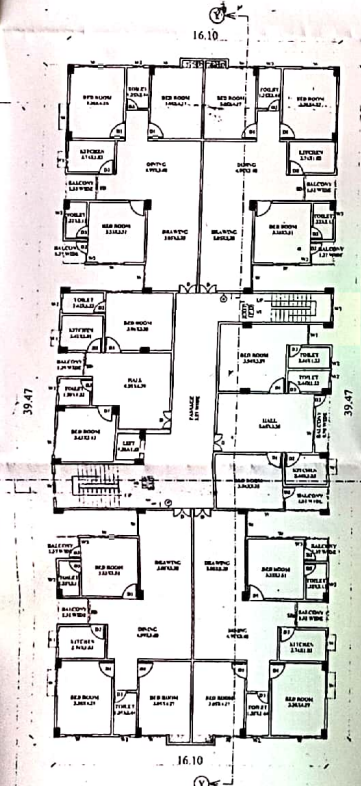
SCALE NORTH
 1:100 ;: 200

ENGINEER IN CHARGE
 GAYA PLANNING AREA AUTHORITY
 GAYA (BIHAR)
 Naresh Mahto
 Signature Engineer/Engineer
 Reg. No. 2004/2009-10
 SIGNATURE OF DEVELOPER
 SIGNATURE OF STRUCTURE ENGINEER

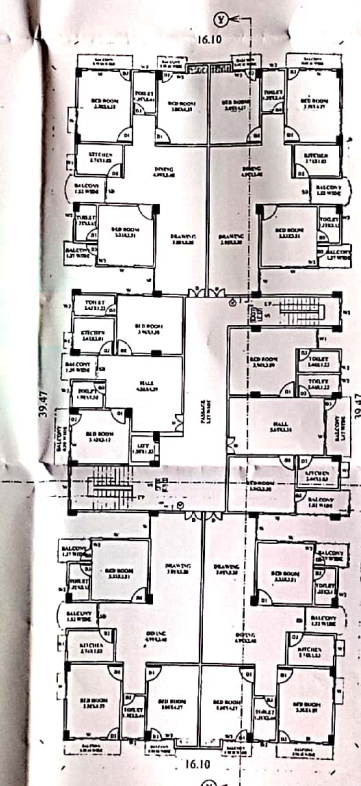
SIGNATURE OF OWNER
 SIGNATURE AND PUTATION OF ARCHITECT
 Signature of Owner
 Signature of Architect
 20.06.2021
 20.06.2021



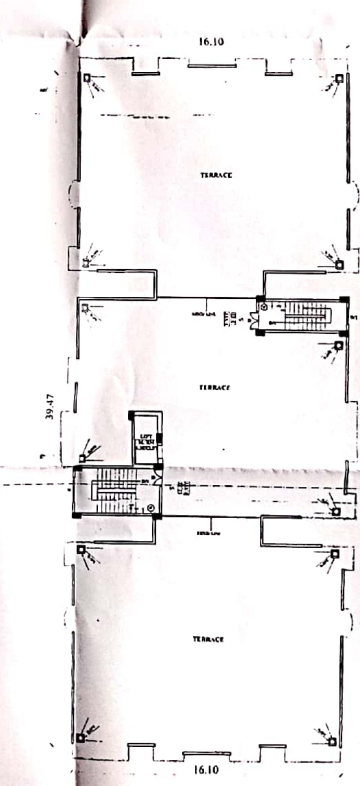
GROUND FLOOR PLAN BLOCK A & B



1ST FLOOR PLAN BLOCK A & B

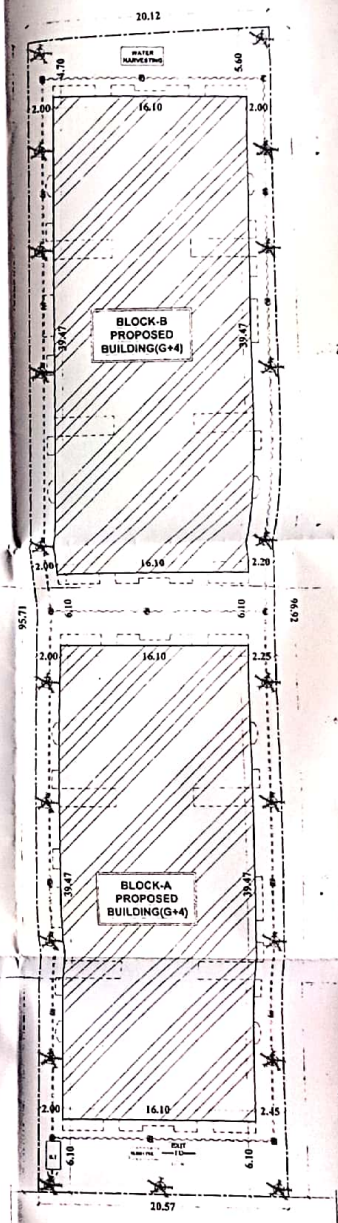
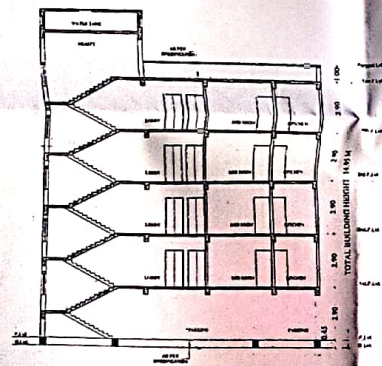
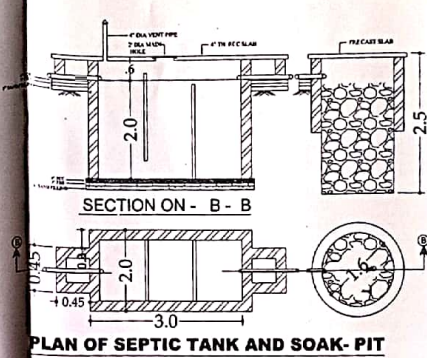
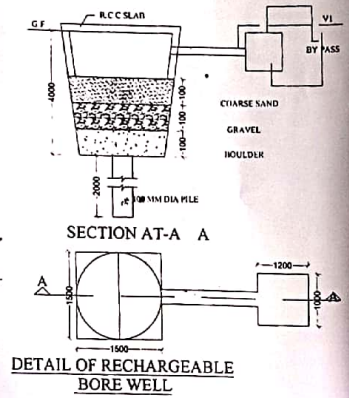
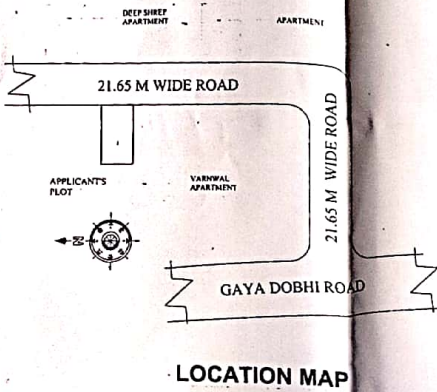


2ND, 3RD, 4TH FLOOR PLAN BLOCK A & B



TERRACE FLOOR PLAN BLOCK A & B





SPECIFICATION

- FOUNDATION - AS PER DETAIL
- R.C. FRAME STRUCTURE & 1st CLASS BRICK WORK IN CEMENT MORTAR
- FLOORING - 025 TK. 1st FLOORING
- ROOF - 75 TK. DRY RANDED KHOA FOR 15 TK. BRICK FLAT SOLING
- FOR LOCAL SAND FILING
- 1st FLOOR - 10TK. BLUE TERRACING
- PLASTER - 15TK. CEMENT PLASTER
- 1/20TH DE OF WALL
- 1st FLOOR FRAME & SAILWOOD
- SHUTTER ALL THE DOORS AND WINDOWS
- USE TWO COATS WHITE WASH AND OUT OF COLOUR WASH
- CONDUIT WIRING WITH STANDARD ELECTRICAL ACCESSORIES
- APPROPRIATE HIGH POWER POINTS, ELECTRICAL FITTING LIKE TUBE BULBS, FAN ETC.
- FOUND THE CLOCK WATER SUPPLY BY MEAN OF AND OWN
- DO NOT CONTINGUIS MUNICIPAL SUPPLY

PLOT DETAIL:
 PROPOSED RESIDENTIAL BUILDING OF 1. SRI. GIRJANAND SINGH S/O - LATE SURAJ SINGH, 2. SRI. PARMANAND SINGH, S/O - LATE SURAJ SINGH, AT MAUZA - HARIO, THANA - CHANDAUTI, THANA NO - 332, TAUZI NO - 4100, KHASRA NO - 23(N), 65(O), PLOT NO - 537(P), 287(N) DISTT.-GAYA. (BIHAR)

DEVELOPER
 Metro Sky Construction Pvt. Ltd
 Director:- Sri Narsh Mahbo S/O Sri Rajendra Mahbo
 MOHALLA - LAKSHMI KAWATI KHEMUNIBANSA PATI A

SCALE NORTH
 1:100 ; 1:200

ENG. NARESH MAHTO
 GAYA PLAN
 S/O SRI RAJENDRA MAHBO
 NARESH MAHTO
 No. P. J.

SIGNATURE OF DEVELOPER

SIGNATURE OF STRUCTURE ENGINEER

SIGNATURE OF OWNER

SIGNATURE OF ARCHITECT / ENGINEER

MS. SRISHITI
 ARCHITECTING

Srinay Kumar Singh
 S. E. (Civil)
 Structure Engineer / Engineer
 No. 110-25 E 022222-24

ON D'PUTATION:-
 GAYASAL R.P. PANANGAFEA
 JHOR. I, GAYASAL



30.06.2021
 मुख्य परामर्शक पदाधिकारी
 गया आवासन सेवा प्राधिकरण, गया
 दिनांक: 30.06.2021