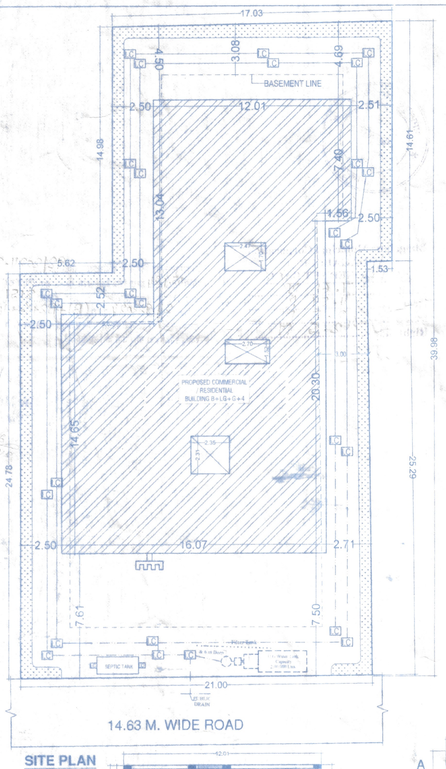
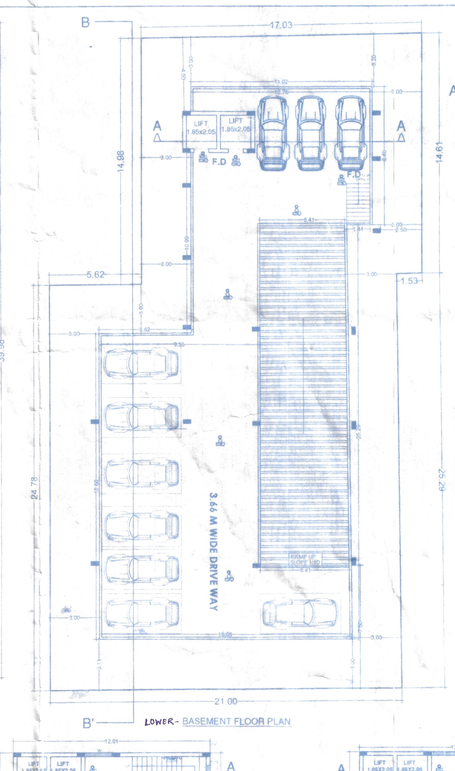
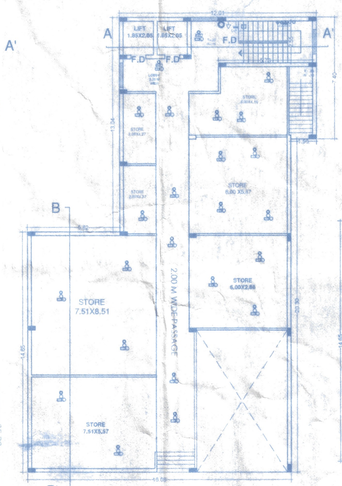
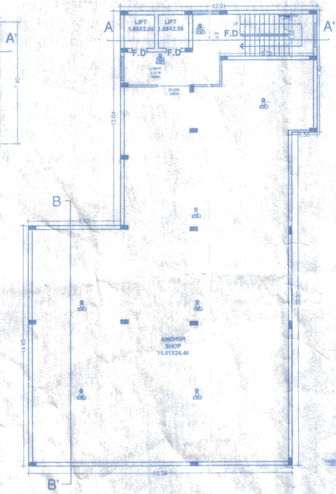
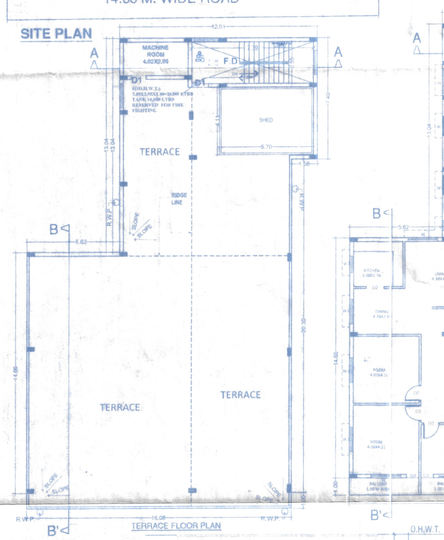


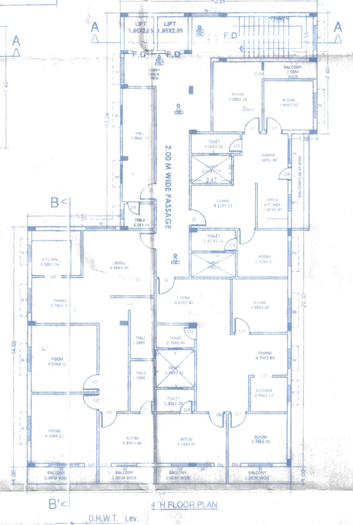
SITE PLAN

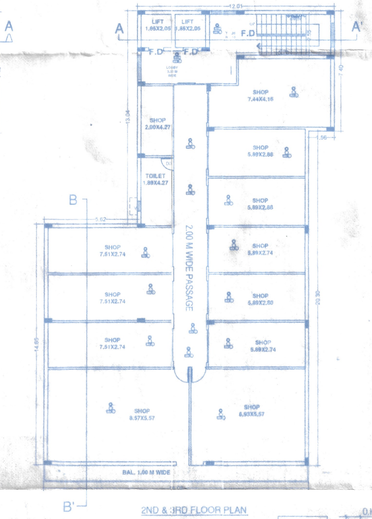


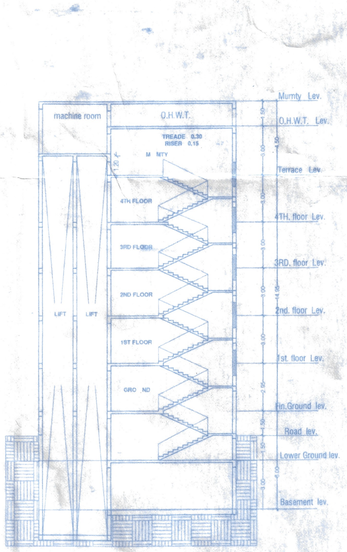


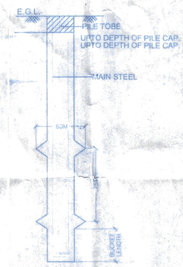


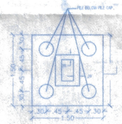


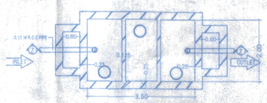


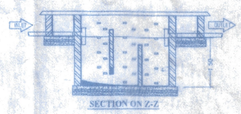


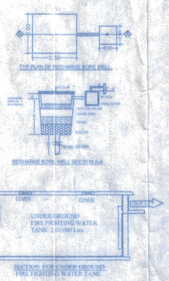






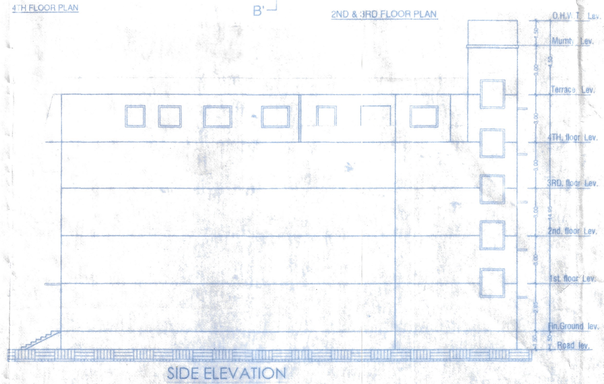




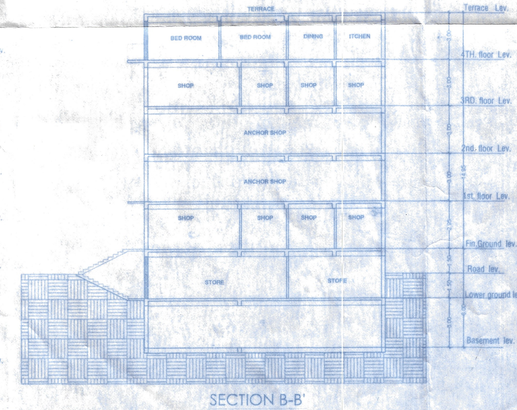




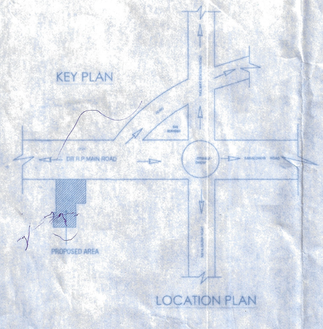
FRONT ELEVATION



SIDE ELEVATION



SECTION B-B'



LOCATION PLAN

FIRE LEGEND :-

01.HYDRANT OUT LET VALVE WET
02.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF 2.00,000 Ltrs — 2.00,000 Ltrs
06.O.H.W.TANK FOR FIRE FIGHTING — 10,000 Ltrs.
08.FIRE ALARM CALL POINT
09.AUDIABLE ALARM CALL POINT
10.LOUDSPEAKER OUTLET
11.CO2 FIRE EXTINGUISHER — CO2/DCP
12.FIRE RESISTANT DOOR
13.AUTOMATIC SMOKE DETECTOR
14.AUTOMATIC SPRINKLER
15.EMERGENCY LIGHT POINT

PARKING CALCULATION:

TOTAL B/UP AREA 2083.48 M2 = -15 % OF TOTAL B/UP AREA =1770.95 M2
PARKING AREA REQUIRED = 30% OF B/UP AREA
1770.95 X 0.30 = 531.26 M2
PARKING AREA PROVIDED IN BASEMENT = 569 M2

SEPTIC TANK CALCULATION:

OCCUPANT LOAD = GROSS AREA/10=50% OF B/UP AREA /10
TOTAL NO. OF PERSON 1041.74 /10=104.17 SAY 105

0.085M3/ PERSON/ DAY= 105X0.085= 8.92 CUM
PROVIDED SIZE OF SEPTIC TANK 3.50 X 2.00 X 1.50= 10.50 CUM.

WATER TANK CALCULATION:

OCCUPANT LOAD = GROSS AREA/10=50% OF B/UP AREA/10
TOTAL NO. OF PERSON 1041.74 /10=104.17 SAY 105 PERSON

135 LPCD REQUIRED
TOTAL REQUIREMENT
105 X 135= 14,175 LTRS.
& FOR FIRE FIGHTING TAKE 10,000 LTRS.
TOTAL WATER TANK REQUIRED
= (14175 + 10,000) = 24,175.00 LTRS.
(REQUIRED)

PROVIDED
01(O.H.W.T.)7.39X2.55X1.40=26300 LTRS.
(PROVIDED)

WATER HARVESTING CALCULATION

TERRACE AREA = 356.90 SQ.M.
REQUIRED W.H CAPACITY 6 CUM FOR 100 SQ.M. TERRACE
REQUIRED WATER HARVESTING 356.90 X 6 /100 = 21.41 CUM
PROVIDES WATER HARVESTING SIZE
2.56 X 2.59 X 5.00=31.25 CUM.
TOTAL PROVIDED=31.25 CUM.

GREEN AREA CALCULATION:-

TOTAL NET PLOT AREA = 835.33 Sq.m.
GREEN SPACE AREA % Reqd = 835.33 @10% = 83.53 Sq.m.
TOTAL PROVIDED GREEN SPACE @ 12 % = 100.23 Sq.m.

SHEDULE OF DOORS & WINDOWS:-

TYPE	WIDTH	SILL	LINTEL
D	1.07	0.0	2.10
D1	0.99	0.0	2.10
D2	0.91	0.0	2.10
D3	0.76	0.0	2.10
W1	2.10	0.90	2.6
W2	1.52	0.90	2.6
W3	0.91	0.90	2.6
W4	0.76	1.5	2.6

SPECIFICATION:

FOUNDATION: R.C.C. U/R PILE FOUNDATION
SUPERSTRUCTURE: 1st CLASS BK. WORK IN CEMENT MORTAR IN SUPER STRUCTURE
LINTEL: R.C.C. LINTLE PROVIDED OVER THE OPENING I/P DOORS & WINDOWS
FLOORING: 0.03 M THICK I.P.S. FLOORING OVER 0.15 M THICK DRY RAMMED BRICK OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING
PLASTER: 12MM THICK PLASTER IN BRICK WORK AND 6MM OVER R.C.C. WORK SHALL BE PROVIDED
ROOFING: 0.10 M THICK LIME TERRACING OVER 0.10M THICK R.C.C. ROOF SLAB
CHAUKHAT: CHAUKHAT OF DOORS AND WINDOWS TO BE BEST SAL & TEAK WOOD
SHUTTER: SHUTTERS OF DOORS AND WINDOWS TO BE BEST SAL & TEAK WOOD
WHITEWASH: WHITE WASH & COLOUR WASH AS CHOICE
M.S. GRILL IN WINDOWS AND RAILINGS

AREA CALCULATION

TOTAL PLOT REA (AS PER DEED)	= 835.33M2
TOTAL PLOT AREA (AS PER SITE)	= 835.33 M2
BASEMENT B/UP AREA	= 14.40 M2
LOWER GROUND B/UP AREA	= 300.06 M2
GROUND B/UP AREA	= 349.16 M2
FIRST FLOOR B/UP AREA	= 349.16 M2
SECOND FLOOR B/UP AREA	= 356.90 M2
THIRD FLOOR B/UP AREA	= 356.90 M2
FOURTH FLOOR B/UP AREA	= 356.90 M2
TOTAL B/UP AEA FOR ALL FLOOR	= 2063.48 M2
F .A. R = 2.49	

LOWER
UPPER BASEMENT

PLOT DETAIL

PROPOSED RESIDENTIAL/COMMERCIAL BUILDING ON THE LAND OF:-
M/S:- SHREE GANESH DEVELOPERS THROUGH AUTHORISED PARTNERS SMT.SUNITA SANTHALIA ON SURVEY PLOT :-630(K) 630(KHA)&630(G),KHATA NO:-497,JAMABANDI NO:- 1888,1889, 1890,2053 & 1921,3430018212 9 ANCHAL-JAGDISHPUR, MAUZA-KHALIFABAGH(MASAKCHAK) DIST.-BHAGALPUR
WARD NO-07,THANA NO-07 HALKA -NAGAR NIGAM-01
DIST-BHAGALPUR

SCALE 1:100 1:200
NORTH

Shree Ganesh Developers
Sunita Santhalia
Partner
SIG. OF OWNER

AR. DEEPAK KUMAR
REGD. ARCHITECT UDHD, PATNA
Regd. No.-CA/2016/77694
SIG. OF ENGINEER/ARCHITECT

Megha 18/09/2024
सहायक अभियन्ता
नगर निगम, भागलपुर