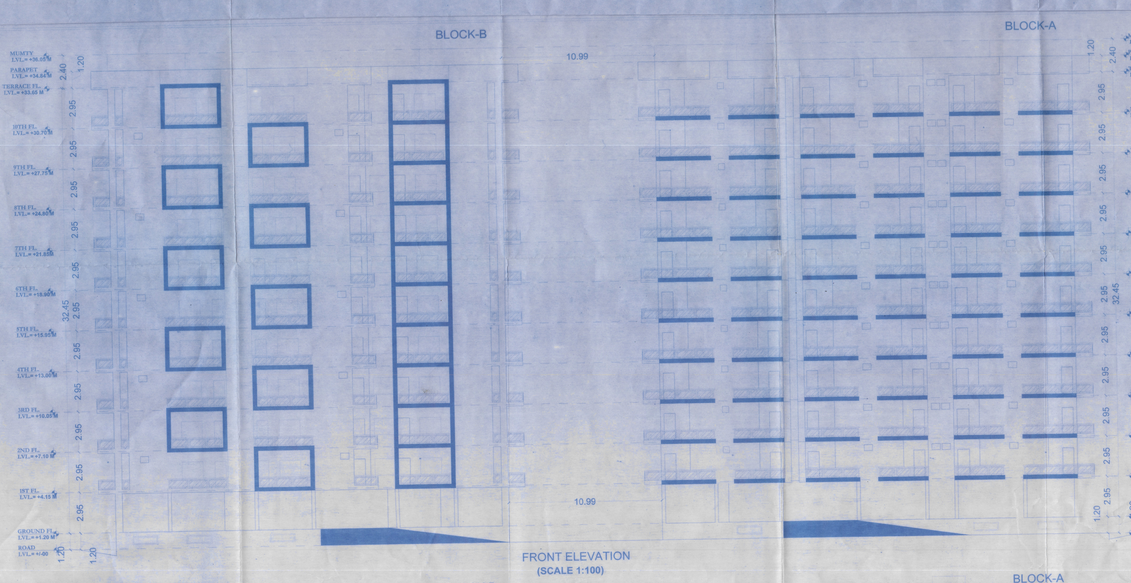
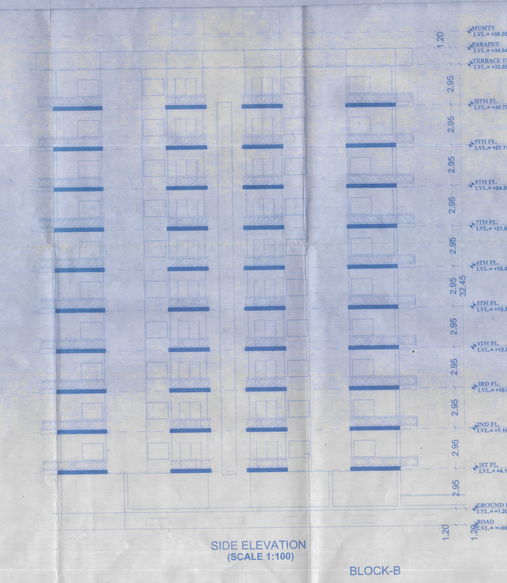
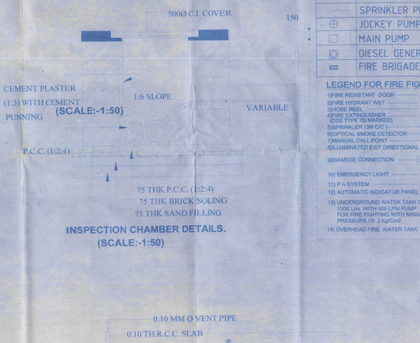
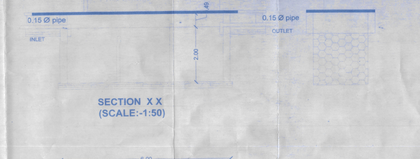
B.P. Case No.-









FIRE REFERENCES:	
SYMBOL	DESCRIPTION
+	FIRST AID KIT
*	BUTTON
–	EMERGENCY LIGHT
▬	SIGNAGE FOR FIRE ESCAPE
	SPRINKLER PIPE LINE
⊕	JOCKEY PUMP
□	MAIN PUMP
⊠	DIESEL GENERATOR PUMP
▭	FIRE BRIGADE CONNECTION

LEGEND FOR FIRE FIGHTING.

1)FIRE RESISTANT DOOR ——— FD
2)FIRE HYDRANT WET ——— H
3)HOSE REEL ——— HR
4)FIRE EXTINGUISHER (SOS TYPE TO BE MARKED) ——— CO2
5)SPRINKLER (3M C/C) ———
6)OPTICAL SMOKE DETECTOR ———
7)MANUAL CALL POINT ———
8)ILLUMINATED EXIT DIRECTIONAL SIGN ——— EXIT
9)SIAMESE CONNECTION ———
10) EMERGENCY LIGHT ———
11) P.A SYSTEM ——— PA
12) AUTOMATIC INDICATOR PANEL ——— AIP
13) UNDERGROUND WATER TANK OF 100K Ltrs. WITH 900 LPM PUMP FOR FIRE FIGHTING WITH MINIMUM PRESSURE OF 2 Kg/Cm2 ——— UGWT
14) OVERHEAD FIRE WATER TANK ——— OHWT

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING (BASEMENT, GROUND +9D, +10) FOR SHRIJIAN INFRA N DEVELOPMENT PVT.LTD.
DIRECTOR :- SUNIL KUMAR
S/O. LATE MITNARAYAN PRASAD)
PLOT NOs:- 1026, 1024, 1066, 1022, 1021, 1020, 1023, 1067
WARD NO:- 15
THANA :- DEEPNAGAR
THANA NO:- 93
KHATA NO :- 111, 98, 103, 101, 117, 86, 105, 127.
KHASRA NOS:- 1026, 1024, 1066, 1022, 1021, 1020, 1023, 1067
BLOCK:- BIHARSHARIF
DISTT:- NALANDA (BIHAR)

SHEET NO.	SCALE	NORTH
02		

AREA STATEMENT

TOTAL PLOT AREA (as per deed)	=	3993 SQ MT
NET SITE AREA		3993 SQ MT

FLOOR	BUILT UP AREA	DEDUCTION AREA	NET BUILT UP AREA
BASEMENT (EXCLUDE AREA)	3284.46 SQ MTS	2197.73 SQ MTS	1086.73 SQ MTS
GROUND FLOOR BUILT UP AREA	1567.64 SQ MTS	1077.64 SQ MTS	490.00 SQ MTS
FIRST FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
SECOND FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
THIRD FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
FOURTH FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
FIFTH FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
SIXTH FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
SEVENTH FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
EIGHTH FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
NINTH FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
TENTH FLOOR BUILT UP AREA	1468.77 SQ MTS	90.77 SQ MTS	1377.91 SQ MTS
TOTAL	21494.79 SQ MTS	4676.87 SQ MTS	16818.19 SQ MTS

GROUND COVERAGE PERMISSIBLE (50%) = 1581.20 SQMT
GROUND COVERAGE PROVIDED (34.59%) = 1367.21 SQMT

PERMISSIBLE F.A.R = 3.5
F.A.R = TOTAL BUILT UP AREA / TOTAL PLOT AREA = 13818.19 / 3993 = 3.49

POPULATION DENSITY CALCULATION :-

TOTAL NO. OF FLATS (1 BHK) = 120 FLATS
EACH FLAT HAVING 7 PERSON IN 3BHK FLATS
TOTAL NO. OF PERSON = 120X7 = 840 PERSONS

WATER TANK REQUIREMENT FOR RESIDENTIAL BUILDING :-

135 LTPS./PERSON / DAY. WATER CONSUMPTION
135 X 840 = 113,400 LTRS. =113.4 CMS
FF000 LTRS FOR FIRE FIGHTING
TOTAL= (0.840 + 114 = 139 M3
WATER TANK 150CU PROVIDED
= 6.500 X 5.57 M X 3.10M = 33.58 M3 = 4 NOS= =134.32 M3 PROVIDED.

SEPTIC TANK REQUIREMENT FOR RESIDENTIAL BUILDING

0.080 M3 / PERSON / DAY
SEPTIC TANK CAPACITY
= 0.080 X 840 = 67.2 M3 (REQUIRED)
= 2.50 X 3.00 X 2.50 M3 = 18.75 M3 X 4 = 75 M3
= 5.50 X 3.00 X 2.50 M3 X 2 = 82.5 M3 = 77 M3 (PROVIDED)

PARKING CALCULATION

PARKING AREA TO BE PROVIDED AS A 30% OF TOTAL BUILT UP AREA
TOTAL BUILT UP AREA = 13818.19 SQ M
PARKING AREA TO BE PROVIDED = 4145.50 M
BASEMENT 'S' PARKING AREA = 3284.46 SQMT
GROUND FLOOR PARKING AREA = 1277.64 SQMT.
OPEN PARKING AREA = 661.09 SQMT.
TOTAL AREA PROVIDED FOR PARKING = 4958.17 SQ MTS

RAIN WATER HARVESTING CALCULATION

TERRACE FLOOR AREA IN RESIDENTIAL BUILDING = 2147.18 SQ MT
RAIN WATER HARVESTING SUMP REQD 6 CUM PER 100 SQ.M TERRACE AREA
REQ. CAPACITY FOR 2147.18 SQ MT = 2147.18 X 6.00 = 154.63 CUM.
PROVIDED TANK SIZE= 5.0 X 4 X 2 = 40 CUM. X 4 NOS. = 160 M3
TOTAL VOLUME OF SUMP = 160 CUM

GREEN AREA CALCULATION

TOTAL NET PLOT AREA = 3993 MTS.
GREEN AREA REQUIRED @ 10% OF THE TOTAL PLOT AREA
REQUIRED GREEN AREA = 399.3 SQ MT.
GREEN AREA PROVIDED ON GROUND = 283.70 SQ MT.
GREEN AREA PROVIDED ON TERRACE = 127.67 SQMT.
TOTAL GREEN AREA PROVIDED = 283.70+127.67 = 411.4 SQ MT

BOUNDARY

WEST :- MANOJ KUMAR, MANGLAL MAHTO
EAST :- SHAM SHARAN SHARMA & ANIL ROAD
NORTH :- RAMNATH MAHTO, SANTOSH MAHTO
SOUTH :- LALITA KUMARI, INDU DEVI, SUSHILA DEVI.

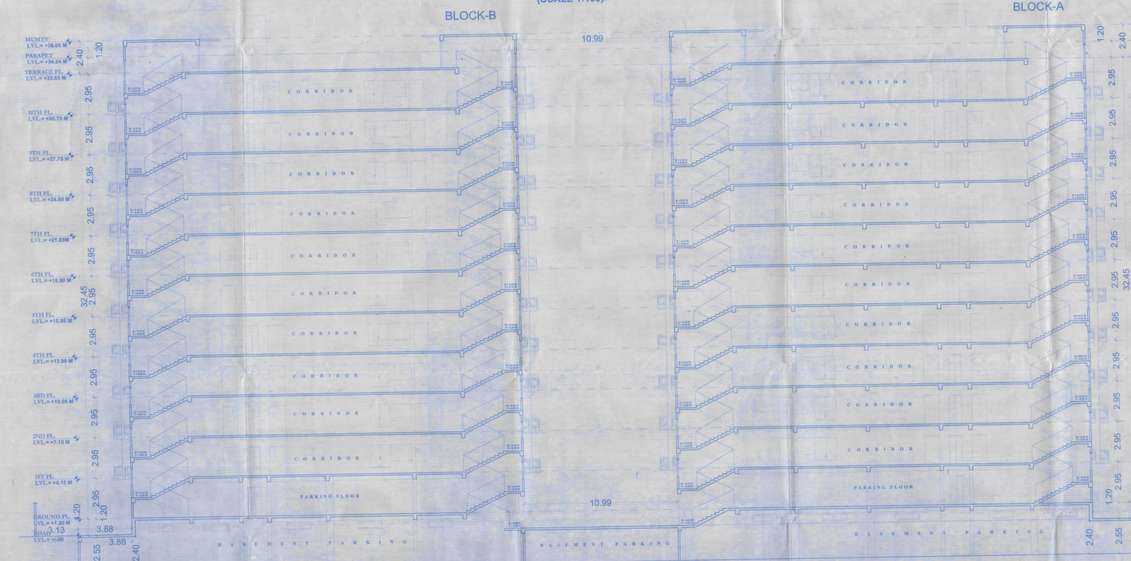
SCHEDULE OF DOORS & WINDOWS :-

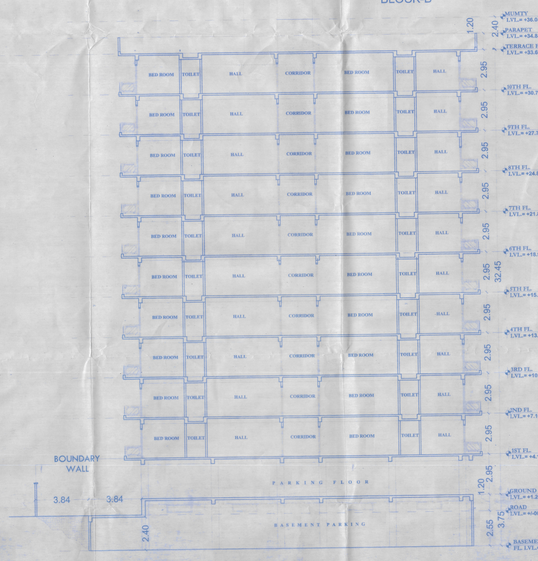
TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.13	0.0	2.13	Single Leaf Door
D1	0.91	2.13	0.0	2.13	Single Leaf Door
D2	0.81	2.13	0.0	2.13	Single Leaf Door
D3	0.76	2.13	0.0	2.13	Single Leaf Door
W	1.52	1.22	0.76	2.13	Glazed window
W1	2.06	1.22	0.76	2.13	Glazed window
W2	1.68	1.22	0.91	2.13	Glazed window
W3	1.50	1.22	0.91	2.13	Glazed window
W4	1.22	1.22	0.91	2.13	Glazed window
V	0.69	0.46	2.13	2.13	Glazed window

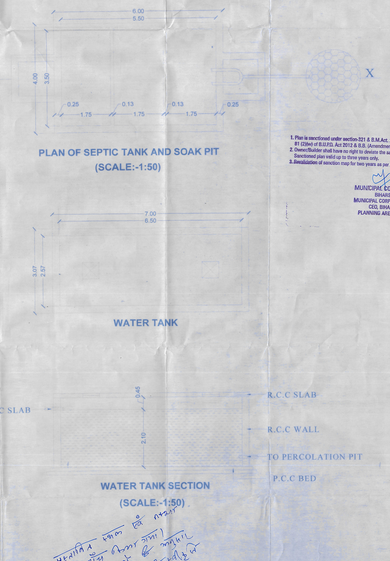
SPECIFICATION:-

01) FOUNDATION :- R.C.C. PILE FOUNDATION INDUSTRIAL DESIGN.
02) SUPER STRUCTURE :- R.C.C. FRAMED STRUCTURE
(i) 1ST CLASS BRICKWORK
03) BRICKWORK :- 250 TH. & 125 TH 1st CLASS BRICKWORK IN C.M. 1:6 & I.S. ABDESION.
04) FLOORING :- MOSAIC CAST-IN-SITU FLOORING IN GIRET CEMENT IN ALL AREA.
05) WALL FINISH :-
(i) INTERNAL :- ALL INTERNAL SURFACE SHALL BE PAINTED WITH CEMENT PRIMER OVER FLOAT FINISH OF P.O.P. SURFACE.
(ii) EXTERNAL :- ALL EXTERNAL SURFACE SHALL BE PAINTED WITH TEXTURE PAINT OVER A SURFACE OF EXTERIOR GRADE PRIMER
06) DOOR :-
(i) FRAME :- 65X100 TH. SAL WOOD DOOR FRAME
(ii) SHUTTER :-35MM TH. SOLID CORE FLUSH DOOR OF I.S.I. MARK ABDESION
07) WINDOW :-
(i) FRAME :-65X100 TH. SAL WOOD+ALUMINIUM WINDOW FRAME.
(ii) SHUTTER :-FULLY GLAZED HARD WOOD/ ALUMINIUM WINDOW SHUTTER ABDESION
08) TOILETS :-
(i) FLOORING :- CERAMIC TILES FLOORING
(ii) WALLS :-CERAMIC TILES DADO UPTO 1500HT.
(iii) SANITARYWARE :- WHITE VITREOUS SANITARYWARE OF I.S.I MARK
(iv) FITTING :- CHROMIUM PLATED C.P. FITTINGS OF I.S.I MARK.
09) ELECTRIC :-
(i) INTERNAL WIRING IN CONCEALED CONDUITED WITH COPPER CONDUCTOR
(ii) ALL ELECTRICAL MODULAR SWITCHES OF I.S.I MARK.
(iii) ADEQUATE LIGHTING/POWER POINT BOOKETS AS PER DESIGN & DRAWING.
10) WATER SUPPLY :- ROUND THE CLOCK WATER SUPPLY BY MEANS OF OWN BORING & OVERHEAD TANK.

SIGNATURE OF OWNER	SIGNATURE OF STRUCTURE ENGINEER	Ar. Zahidul Abbas







1. Plan is sanctioned under section-321 & B.M.Act, 2007 section-57 (2)(a) of B.U.D. Act 2012 & B.B. (Amendment) Bye laws 2022.
2. Owner/Builder/Developer have no right to devise the sanctioned plan Sanctioned plan valid up to three years only.
3. Revalidation of sanction may be fee years as per Act.

MUNICIPAL COMMISSIONER
BIHARSHARIF
MUNICIPAL CORPORATION /CMA-CEO, BIHARSHARIF
PLANNING AREA AUTHORITY