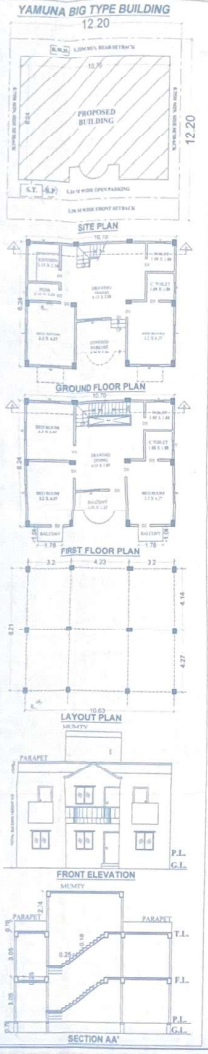
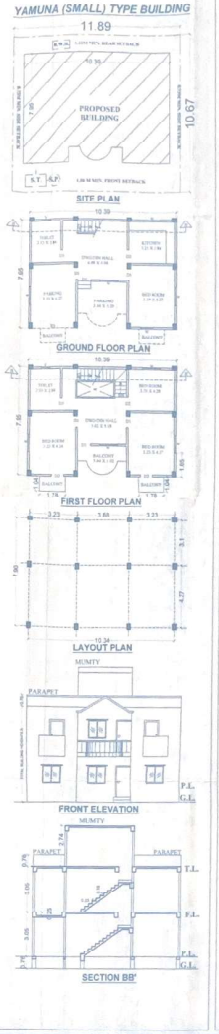
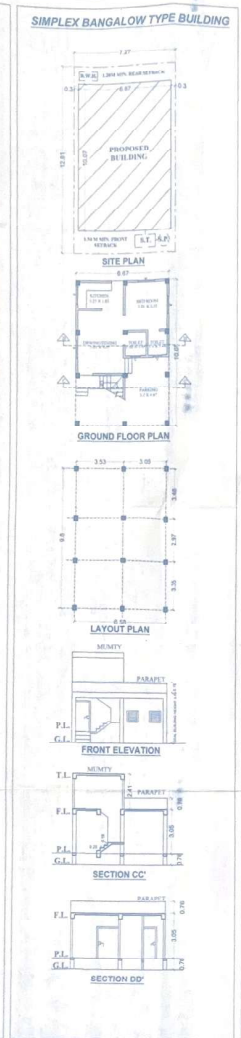
YAMUNA BIG TYPE BUILDING



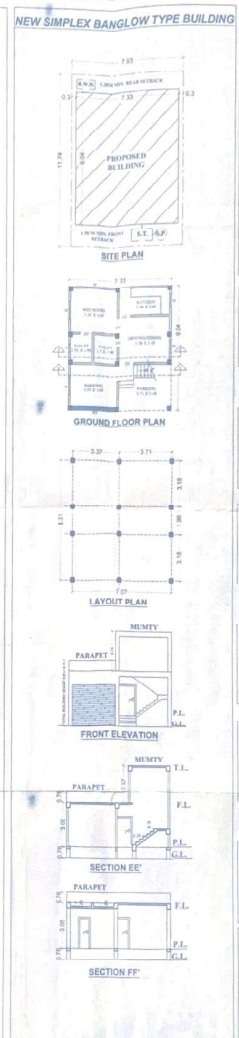
YAMUNA (SMALL) TYPE BUILDING



SIMPLEX BANGALOW TYPE BUILDING



NEW SIMPLEX BANGLOW TYPE BUILDING



PLOT AREA CALCULATIONS

PLOT AREA CALCULATION :- (YAMUNA BIG)

PLOT AREA (As per Clm.)	=	148.68 M²
GROUND FLOOR BU AREA	=	79.03 M²
FIRST FLOOR BU AREA	=	69.42 M²
TOTAL BU AREA	=	155.45 M²
COVERAGE AREA	=	80.42 M² (54.09%)
FLOOR AREA RATIO	=	1.11 (F.A.R.)
PARKING AREA	=	27.18 M²
(OPEN PARKING - 13.12 M² + COVERED PARKING = 12.06 M²)		
OVER HEAD WATER TANK (REQ. - 1350 L)	=	1500 Lit (01.50X1.0)X1.5)
SEPTIC TANK (REQ. - 0.85 CUM)	=	1.5CUM(1.5X1.0)X1.5)
RAIN WATER HARVESTING (REQ - 5.18 CUM)	=	5.63CUM (1.50X2.50X1.50)
GREEN AREA (REQ. - 7.43 SQM)	=	9.00QM (3.0X3.0)
YAMUNA BIG BUILDING (NO -03)		
SUM PLOT AREA	=	297.14 M²
SUM BU AREA	=	232.80 M²
SUM COVERAGE AREA	=	172.84 M² (58.06%)
SUM FLOOR AREA RATIO	=	1.11 (F.A.R.)
SUM COVERED PARKING AREA	=	24.08 M²
OVER HEAD WATER TANK	=	3000 L
SEPTIC TANK	=	2.6 CUM
RAIN WATER HARVESTING	=	17.28 CUM
GREEN AREA	=	18.0 SQM

PLOT AREA CALCULATION :- (YAMUNA SMALL)

PLOT AREA (As per Clm.)	=	126.81 M²
GROUND FLOOR BU AREA	=	51.83 M²
FIRST FLOOR BU AREA	=	74.22 M²
BU AREA	=	126.05 M²
COVERAGE AREA	=	74.22 M² (59.52%)
FLOOR AREA RATIO	=	0.99 (F.A.R.)
PARKING AREA	=	26.10 M²
(OPEN PARKING - 00.00 M² + COVERED PARKING = 26.10 M²)		
OVER HEAD WATER TANK (REQ. - 1350 L)	=	1350L (1.0X1.25)(1.8)
SEPTIC TANK (REQ. - 0.77 CUM)	=	1.8CUM(1.0X1.0)X1.8)
RAIN WATER HARVESTING (REQ. - 4.61 CUM)	=	5.63 CUM (1.50X2.50X1.50)
GREEN AREA (REQ. - 6.34 SQM)	=	6.75 SQM (3.0X2.25)
YAMUNA SMALL BUILDING (NO. -04)		
SUM PLOT AREA	=	507.24 M²
SUM BU AREA	=	372.06 M²
SUM COVERAGE AREA	=	266.88 M² (59.52%)
SUM FLOOR AREA RATIO	=	0.99 (F.A.R.)
SUM COVERED PARKING AREA	=	104.40 M²
OVER HEAD WATER TANK	=	5000 L
SEPTIC TANK	=	4.6 CUM
RAIN WATER HARVESTING	=	22.52 CUM
GREEN AREA	=	27.00 SQM

PLOT AREA CALCULATION :- (SIMPLEX BANGLOW)

PLOT AREA (As per Clm.)	=	93.12 M²
GROUND FLOOR BU AREA	=	43.22 M²
BU AREA	=	43.22 M²
COVERAGE AREA	=	66.83 M² (71.87%)
FLOOR AREA RATIO	=	0.46 (F.A.R.)
PARKING AREA	=	23.22 M²
(OPEN PARKING - 00.00 M² + COVERED PARKING = 23.22 M²)		
OVER HEAD WATER TANK (REQ. - 405 L)	=	500 Lit (01.0X0.5)X1.0)
SEPTIC TANK (REQ. - 0.28 CUM)	=	0.50 CUM (1.0X1.0X0.5)X1.0)
RAIN WATER HARVESTING (REQ. - 0.62 CUM)	=	4.50 CUM (1.50X2.0)X1.50)
GREEN AREA (REQ. - 4.66 SQM)	=	5.06 SQM(2.25X2.25)
SIMPLEX BANGLOW TYPE BUILDING (NO. -04)		
SUM PLOT AREA	=	372.48 M²
SUM BU AREA	=	172.88 M²
SUM COVERAGE AREA	=	267.72 M² (71.87%)
SUM FLOOR AREA RATIO	=	0.46 (F.A.R.)
SUM PARKING AREA	=	92.88 M²
OVER HEAD WATER TANK	=	2000 L
SEPTIC TANK	=	0.00 CUM
RAIN WATER HARVESTING	=	22.52 CUM
GREEN AREA	=	20.24 SQM

PLOT AREA CALCULATION :- (NEW SIMPLEX BANGLOW)

PLOT AREA (As per Clm.)	=	93.09 M²
GROUND FLOOR BU AREA	=	39.69 M²
BU AREA	=	39.69 M²
COVERAGE AREA	=	62.51 M² (67.15%)
FLOOR AREA RATIO	=	0.42 (F.A.R.)
PARKING AREA	=	23.22 M²
(OPEN PARKING - 00.00 M² + COVERED PARKING = 23.22 M²)		
OVER HEAD WATER TANK (REQ. - 405 L)	=	500 Lit (01.0X0.5)X1.0)
SEPTIC TANK (REQ. - 0.26 CUM)	=	0.50 CUM (1.0X1.0X0.5)X1.0)
RAIN WATER HARVESTING (REQ. - 2.78 CUM)	=	4.50 CUM (1.50X2.0)X1.50)
GREEN AREA (REQ. - 4.66 SQM)	=	5.06 SQM(2.25X2.25)
NEW SIMPLEX BANGLOW TYPE BUILDING (NO. -04)		
SUM PLOT AREA	=	372.36 M²
SUM BU AREA	=	158.76 M²
SUM COVERAGE AREA	=	250.44 M² (67.25%)
SUM FLOOR AREA RATIO	=	0.42 (F.A.R.)
SUM COVERED PARKING AREA	=	92.88 M²
OVER HEAD WATER TANK	=	2000 L
SEPTIC TANK	=	2.00 CUM
RAIN WATER HARVESTING	=	18.00 CUM
GREEN AREA	=	20.24 SQM



PROPOSED RESIDENTIAL HOUSING BUILDING OF
VASTU VIHAR PHASE 3,
M/S TECHNOCULTURE BUILDING CENTRE PVT. LTD.
AT- BANGAWN PURWI, WARD- , MAIN ROAD, SAHARSA, BIHAR.

KHATA NO.-1409, 908. PLOT NO. - 3190, 3191
TAUZI NO.- 3523, 3526, THANA NO.-137, MAUJA BANGAWN.

FOUR WAY- W - VISHWANATH KHAN SHAM KHAN 3189, 3171, S. - GOPAL KHAN, RAM KHAL 3182, KUNOO CHOUDHARY, E - RAI (D), W - BEHARAND JHA, SACHIDANAND JHA, NARAYAN MISHRA, ARUNKANT MISHRA, DINDU KHANDAIR

PLOT AREA CALCULATION :-

TOTAL PLOT AREA (As per Deed)	=	4918.37 M² (Dhr 49.37)
TOTAL PLOT AREA (As per Clm.)	=	3965.93 M²
TOTAL BU AREA (RESIDENTIAL)	=	1016.62 M²
COVERAGE AREA	=	597.93 M² (24.50%)
FLOOR AREA RATIO	=	0.51 (F.A.R.)
OPEN PARKING	=	80.24 M²
COVERED PARKING	=	214.34 M²
GROUND FLOOR BU AREA (TEMPLE)	=	55.40 M²
FIRST FLOOR BU AREA (TEMPLE)	=	68.61 M²
SECOND FLOOR BU AREA (TEMPLE)	=	16.87 M²
TOTAL BU AREA (TEMPLE)	=	140.88 M²
COVERAGE AREA	=	55.40 M² (1.39%)
FLOOR AREA RATIO	=	0.03 (F.A.R.)
SUPER BU AREA	=	1340.85 M² (R) + 140.88 M² (T)
REST VACANT AREA - THERE IS GOING TO BE FUTURE EXPANSION		

SPECIFICATION :-

- FOUNDATION - Providing & installing forced cast in situ R.C.C (Reinforcement Cement Concrete) of specified dia and length below the footing cap in cement mortar ratio 1 : 1.5 : 3 (Cement : Coarse Sand : Coarse Aggregate / 20mm nominal size) to carry the safe working load not less than specified
- SUPER STRUCTURE - Providing 1st class brick work in cement mortar 1 :6 or 1 :4 (Cement : Fine Sand)
- LINTEL - R.C.C 1 : 2 : 4 (Cement : Coarse Sand : Coarse Aggregate) at lintel level as per structure design.
- ROOFING - Providing 125mm R.C.C. slab with approved quality of stone chips and graded coarse sand as per structure design
- FLOORING - Providing cement concrete Ratio 1 : 2 : 4 (Cement : Coarse Sand : Coarse Aggregate) finish with a coat of neat cement including cement slurry
- WOOD WORK - Providing and fixing good quality well dressed and well seasoned Sal wood work in Chaukhat(100 x 75) of door & window with S.E. hinges and fitting 30mm thk non crossarine type core of block board and commercial 3 ply veneers etc. gains a size of shutter
- PLASTERING - 12mm thick cement plaster (1 : 6) with fine sand inner and outer side of wall.
- COLORING - Two coats white wash or color as per choice.
- PLUMBING - As per Septic Type.
- ELECTRICAL - Concealed P.V.C conduit wiring with standard electrical accessories (Power Point, Electrical Fitting like tubes, bulbs etc.)

STRUCTURAL NOTES :-

- All R.C.C construction work shall be done strictly as per IS 456-2000 & IS 13920-1993
- High yield strength steel (Deformed Bars) having yield stress not less than 415 N / mm (Fe 500) conforming to IS 1139-1993 shall be used as reinforcement in new sensitive concrete
- Concrete specification shall be as per IS 456-2000 & IS 13920-1993.
- Concrete mix shall be as follows unless specified otherwise :- Foundation, Beams and Columns M20/ Grade
- Clear minimum cover for main reinforcement is as follows :-
  (a) Beam - 25mm or the diameter of the bar whichever is greater
  (b) Slab - 20mm or the diameter of the bar whichever is greater
  (c) Column - 40mm or the diameter of the bar whichever is greater
- Bending and Fixing of bars for reinforcement shall be as per IS 2502-1963 and IS 5525-1969.
- This structural drawing should be compared with the detailed relevant architectural drawing before execution.
- If foundation has been design for a soil bearing capacity of 7.50 T / m² as the required depth will be determined by soil test.

SCHEDULE OF DOORS AND WINDOWS :-

S. NO.	TYPES	WIDTH	C/LL LEVEL	HEIGHT	DESCRIPTION
1	D	1.22	0.00	2.13	Single Leaf Door
2	D1	1.06	0.00	2.13	Single Leaf Door
3	D2	0.91	0.00	2.13	Single Leaf Door
4	W	1.82	0.91	2.13	Fully Glazed Window
5	W1	1.22	0.91	2.13	Fully Glazed Window
6	WD	1.22	1.22	2.13	Fully Glazed Window
7	SW	0.61	0.61(From HL)	2.13(HL)	Fully Glazed Window
8	V	0.61	1.52	2.13	UPVC Louver Window

SCALE		NORTH
1 : 100 1 : 200 1 : 500	SHEET NO. - 02 END SHEET SIZE - A1	AS PER SITE

NOTE: The owner shall in no case deviate from the plan prepared for proposed construction, if any deviation is found during the construction or any stage, the owner will be responsible for the same.

SIGNATURE OF OWNER

NAGAR PANCHAYAT
BANGAON
Plan Case Number :- 02/(07-08)
Date of Session :- 20-06-2008
(Validity of One Only)
Sectioned of Plan Approval Under
Provision of Secuon 214 of Bihta
Municipal act.

for MAHANT Construction
Partner
Al. Deepak Kumar
Authorised

PLAN CASE NO. - P/011/B.NP / 08/(07-08)
SIGNATURE OF C. ENG. / STR. ENG.
SIGNATURE OF ARCHITECT

20/06/2008
कार्यपालक पदाधिकारी
नगर पंचायत बनगांव

SIGNATURE OF PASSING AUTHORITY