RECONSTRUCTION OF RESIDENTIAL BUILDING FOR MUSMAT KAMLAWATI DEVI W/O LATE GANESH PRASAD IN MAUZA - KASBE ARA, MOHALLA - SHIVGANJ (SHEETAL TOLA), THANA NO. - 237, WARD NO. - 3 (O); 37 (N), HOLDING NO. - 248 (O); 508 (N), CIRCLE NO. -06, KHATA NO.- 1686 (O); 61 (N), KHESRA NO. - 4685 & 4686 (O); 74 (Ka) (Kha) (Ga) (Gha) (Cha) (Chha) (NEW), P.S. - ARA TOWN, DIST. - BHOJPUR. REGISTERED AGREEMENT WITH M/S ADITYA BUILDER, VIVEKANAND MARG, PLOT NO. -5A/17, NORTHERN SRIKRISHNAPURI, BORING ROAD, P.S. - SRIKRISHNAPURI DIST. – PATNA. PROPRIETOR SRI. RANJAN KUMAR SINGH S/O LATE NAGESHWAR SARAN SINGH R/O MOHALLA - RAJAPUR, P.S. - SRIKRISHNAPURI, PATNA - 1.

SPECIFICATIONS -

FOUNDATION - Providing & installing bored cast in situ r.c.c (unreinforced cement concrete) of specified dia and length below the plinth in cement mortar (1: 5:10 (cement : 1 mm coarse sand : 5 graded stone aggregate or 20mm nominal size) to carry the safe working load not less than specified.

SUPER STRUCTURE - Providing Ist Class brick work in cement mortar 1/8 or 1/4 (1 cement : 6 fine sand)

LINTEL - R.C.C 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) at lintel leve as per structure design.

ROOFING - Providing 125 MM. R.C.C. roof slab with approved quality of stone chips and graded coarse sand as per structure design.

FLOORING - Providing cement concrete flooring 1:2:4 (1 cement : 2 approved coarse sand : 4 stone aggregate) finished with a coat of neat sand including cement slurry.

WOOD WORK - Providing & fixing good quality well dressed and well seasoned sal wood work in chaukhats (100 x 75) of doors & windows affix with s.s. hings and fittings. 30 mm. th. non decorative type, core of block board and commercial 3 ply veneering with vert. grain & face veneers on both faces of shutter.

PLASTERING - 12 mm. thick cement plaster (1:6) with fine sand inner and outer side of wall.

COLOURING - Two coats white wash or colour as per choice.

TOILET - As per septic type.

ELECTRICALS - Concealed P.V.C. conduit wiring with standard electrical accessories - power points, electrical fittings like tubes, bulbs etc.

STRUCTURAL NOTES -

1. All R.C.C construction work shall be done strictly as per IS 456-2000 & IS 13920-1993.
2. High yield strength steel(deformed bars) having yield stress not less than 415 N/mm(FE 415) conforming to IS 1786-1985 shall be used as reinforcement unless specified otherwise.
3. Concrete specifications shall be as per IS 456-2000 & IS 13920-1993.
4. Concrete mix shall be as follows unless specified otherwise -
   (A) Foundation, Beam and column. - M 20.
5. Clear minimum cover for main reinforcement is as follows : unless specified otherwise -
   (A) Beam. - 25 mm or the diameter of the bar whichever is greater.
   (B) Slab - 20 mm or the diameter of the bar whichever is greater.
   (C) Column - 40 mm.
6. Bending and fixing of bars for reinforcement shall be as per IS 2502-1963 and IS 5525-1969.
7. This structural drawing should be compared with the detailed relevant architectural drawing before execution.
8. Foundation has been designed for a soil bearing capacity of 7.50 t/m2. At the required depth will be confirmed be soil test.

DOOR \ WINDOW SCHEDULE

S. N.	NAME		WIDTH	LINTLE	CILL
1.	DOOR/WINDOW	D/W	2.81	2.10	-
2.	DOOR/WINDOW	D/W1	1.35	2.10	-
3.	DOOR	D	1.05	2.10	-
4.	DOOR	D1	0.90	2.10	-
5.	DOOR	D2	0.75	2.10	-
6.	WINDOW	W	1.50	2.10	0.90
7.	WINDOW	W1	1.20	2.10	0.90
8.	WINDOW	W2	0.76	2.10	0.90
9.	VENTILATER	V	0.75	2.10	1.50

AREA CALCULATION All Dimensions are in mt.

1. Total Plot Area	-	1405.38
2. Covered Area (Block - A) -		
A. Ground Floor	-	37.26
B. First Floor	-	454.11
C. Second Floor	-	454.11
D. Third Floor	-	454.11
E. Fourth Floor	-	454.11
F. Parking Area	-	410.96
3. Total Cov. Area	-	1853.70
4. Covered Area (Block - B) -		
A. Ground Floor	-	47.84
B. First Floor	-	399.96
C. Second Floor	-	399.96
D. Third Floor	-	399.96
E. Fourth Floor	-	399.96
F. Parking Area	-	343.72
5. Total Cov. Area	-	1647.68
6. Total Covered Area	-	3501.38
7. F.A.R.	-	2.49

Total Built up Area for Calculation of Building Permit fee = 4256.06

OCCUPANT LOAD :-
No. of flat - 32 (Considered 2 septic tank for 100 Person)

SEPTIC TANK REQUIREMENT :-
100 person - liquid Capacity - 0.09 x 100 = 1.8
SIZE OF TANK = L - 4.30 m x B - 1.20 m x D - 1.45 m

WATER TANK REQUIREMENT :-
135 lit/ person / day
135 lit. x 100 person = 13500 lit.
1R.C.C. water tank with capacity of 13500 lit. (provided)

NORTH : E N S W

SCALE :
1. Plans, Layout Plan, Elevations & Sections -1:100
2. Staircase Detail - 1:50
3. Site & Service Plans - 1:200

OWNER SIGN :
कमलावती देवी

ENGINEER SIGN :
Structural Design certified by
Er Kumar Ujjwal,
Amin Nagar Mohalla, Arrah Dist. Bhojpur
Reg. No. 20/2013 Mobile No. 9934141922

ARCHITECT SIGN :

The Owner/Builder shall in no case deviate from the sanctioned plan for the construction. If any deviation is found during the construction and after the construction or at any time the entire structure shall be liable to be demolished. Owner must keep a copy of sanctioned plan at the construction site during the construction and should produce to concerned person, Nigam at site.
This APPROVED PLAN IS VALID FOR THREE YEARS.

10/08/2017

Municipal Commissioner
Competent Authority
ARA NAGAR PARISHAD
ARA (BIHAR)

Terrace Plan (Block - A)

Terrace Plan (Block - B)

Details Of Under Reamed Cast in Situ Pile

Anchorage of bean bar at an external joint

L- Junction Alternative

LOCATION PLAN

Section of Pile AT X1-X1

West Side Elevation (Block - A)

West Side Elevation (Block - B)

Typical (Ist to IVth) Floor Plan (Block - A)

Typical (Ist to IVth) Floor Plan (Block - B)

Ground Floor Plan (Block - A)

Ground Floor Plan (Block - B)

Site Plan

Service Plan

Layout Plan

Seexion - xx' - (Block - B)

Seexion - xx' - (Block - A)

Section - YY'

SECTION OF SEPTIC TANK

SECTION OF SOAK PIT

SEPTIC TANK

SOAK PIT

Plan

Section At AA'

Water Recharge Pit