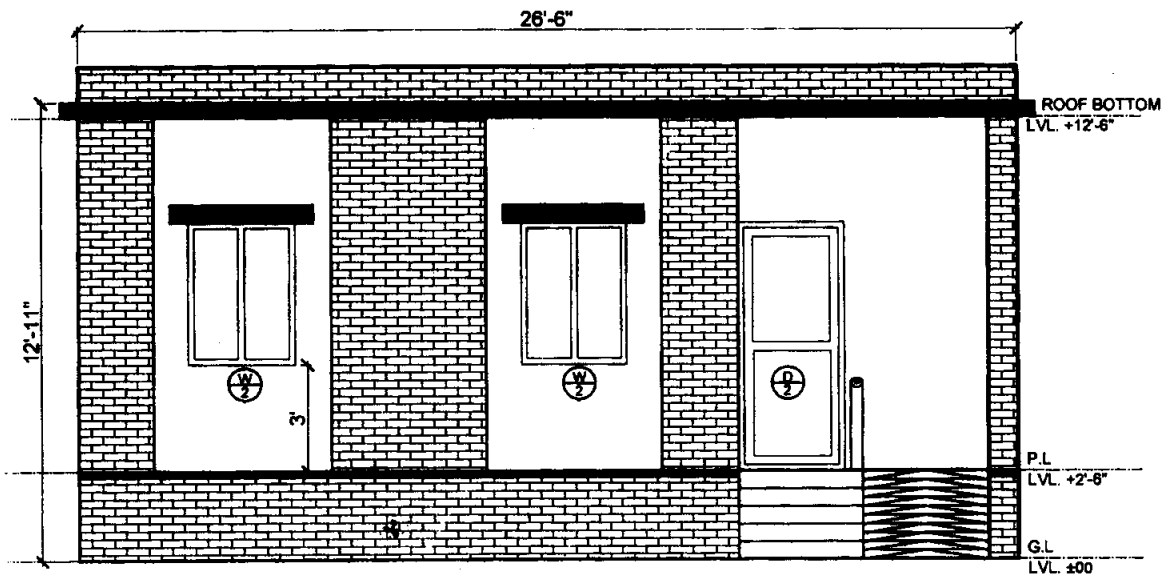
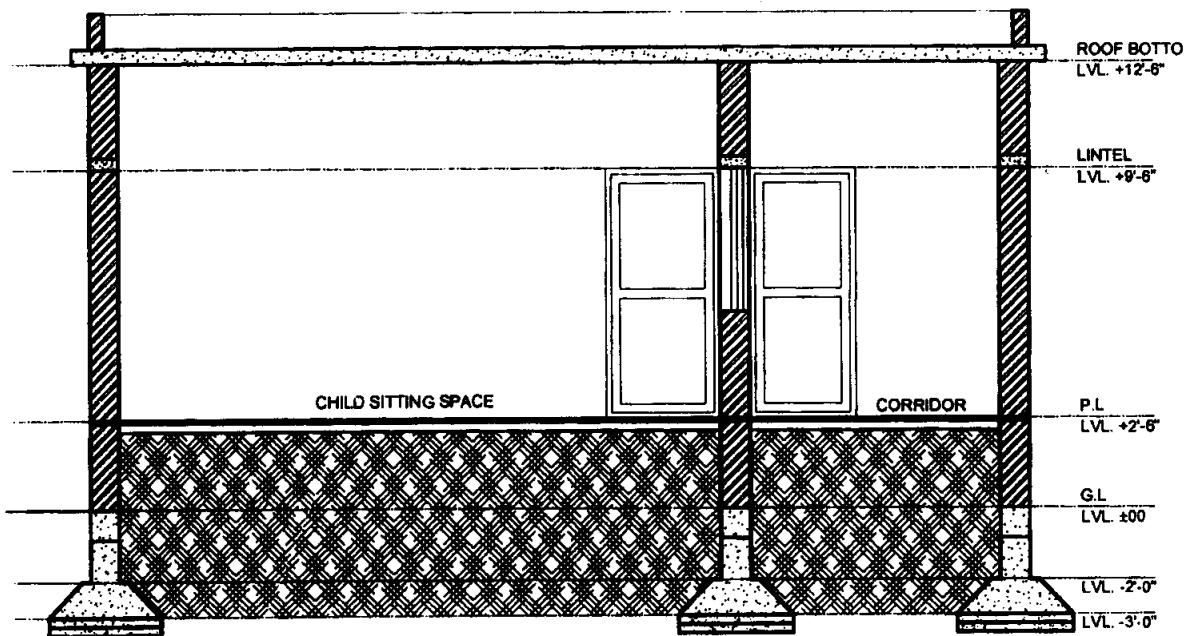


Proposed AWC Model Estimate & Design



FRONT ELEVATION

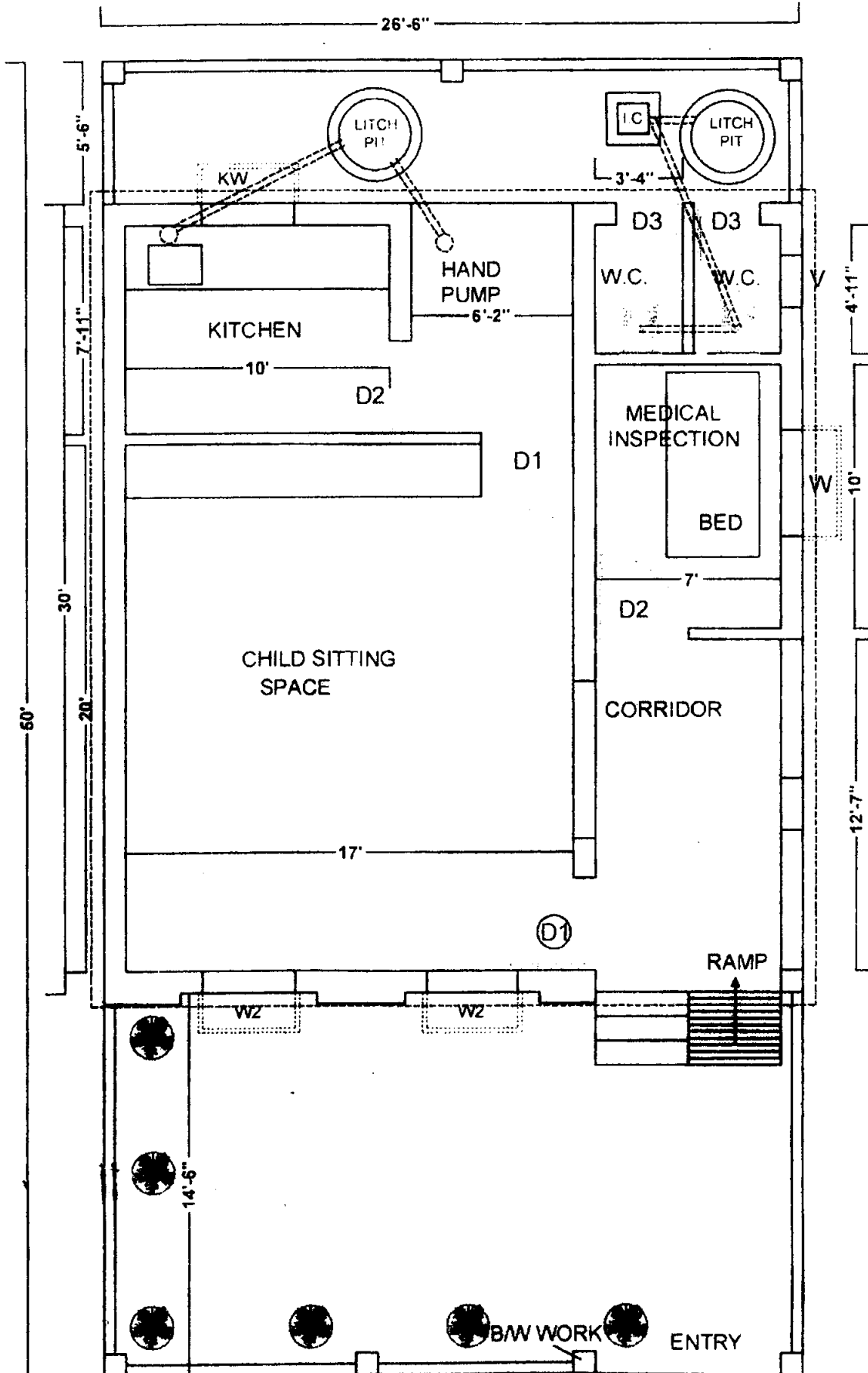


SECTION- XX'

<b>AANGANBARI</b> AT PURNEA (BIHAR) ELEVATION & SECTION	PROJECT <b>AR. SHIVAM KUMAR</b> <small>REG. NO. 100/2007</small> PURNEA NAGAR PROGRAM, PURNEA.	DRAWN BY <b>ER. VMAL KUMAR</b>	CLIENT <b>SKYSCRAPER</b> <small>CREATIVITY PRIVATE LIMITED</small> ARCHITECTURE · INTERIORS · VAASTU EXPERT · DEVELOPERS HEAD OFFICE: B.C-28/2, MAYAPUR VIHAR-I, NEW DELHI. PURNEA BRANCH OFFICE: 121, PROFESSOR GOLDY, RAMBAGH, PURNEA, BIHAR. <small>Email: creativity@skyscraper.in   Mob: +91 9135000945, 912282454</small>	DRAWING NO. <b>SC/PL-11639</b>	SCALE NTS	DATE 07th SEPT 2016	SHEET NO. <b>AR-011</b>
	DATE 07th SEPT 2016		DRAWN BY ER. VMAL KUMAR	CHECKED BY AR. SHIVAM KUMAR			

UNBELIEVABLE CREATIVITY & EXPERIENCE IN TO A POSITION WHERE WE CAN MAKE IT BELIEVABLE.

# AANGANBARI



**MODEL ESTIMATE OF AANGANBARI  
DISTRICT- PURNEA**

Based on BCD, SOR, Govt. of Bihar, Effective from 17/10/2016

Sl.No	Item	Qty.	Unit	Rate	Amount
1	Site clearanceprox	2.00	MD	177.00	354.00
2/2.8	Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m. Centre line (250 th. WALL)				
	Area of trench	55.208	m		
	WF - 12x1.000x1.000x0.900 =	10.800	cum		
	Boundary Pillar- 7x.75x.75x0.900	0.510	cum		
	Step - 2.4x0.750x0.250 =	0.450	cum		
	<b>Total</b>	11.760	cum	230.50	2710.68
3/1.72	Providing 100A Brick flat soiling in foundation... do... all complete job				
	Boundary Pillar- 7x.75x.75	3.94	sqm		
	WF - 12x1.000x1.000 =	12.000	sqm		
	Step - 2.4x0.750 =	1.80	sqm		
	beam (55.208+27.5)m x .25=13.802	20.68	sqm		
	<b>Total</b>	38.42	sqm	263.80	9750.23
4/5.1.3	Providing and laying in position reinforced cement concrete of specified grade excluding the cost of centring and shuttering-all work up to plinth level. 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)				
	base-12x.9x.9x.15	1.48			
	12x.5x(.9+.25)x.15	1.04			
	12x.25x.25x0.6	0.45			
	B/Wall Base- 7 x.75x.75x.15	0.59			
	7 x 5x(.75+.25)x.15	0.53			
	7 x .25x.25x.6	0.26			
	Beam in b/wall- 27.5x.25x0.15	1.03			
	(55.208+27.5)x.25x.2	4.13			
	<b>Total</b>	9.48	cum	3984.80	37777.90
5/5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)				
	Column Plinth to Roof - 12x 0.250x0.250x3.0 =	2.29	cum		
	In Boundary Wall- 7x.25x.25x1.2	0.53	cum		
	<b>Total</b>	2.82	cum	5139.70	14468.26
6/6.1.1 4A	Brick work with bricks of class designation 100A in foundations and plinth in :Cement mortar 1:6 (1 cement: 6 coarse sand)				
	55.208x.25x.375	5.18	cum		
	less for pillars - 12x 0.250x0.250x.375	0.28	cum		



5.29.1E	Item	unit	Qty	Rate	Qty of steel			
	Foundation 9.48 cum		9.48	80	758.4	Kg		
	Band at plinth level.		0.46	80	36.8	Kg		
	Lintel beam no.-10	cum	2.67	90,000	240.30	Kg		
	Sillmer	cum	2.82	90,000	253.80	Kg		
	Roof-		7.80	90,000	702.00	Kg		
		Total			1991.30	Kg		
					1991.30	Kg		
12	Providing wood work in frames of doors, windows, decorative windows and other frames, wrought framed and fixed in position							
9.1.2		chaukhat 2x(1x2+1.05)+2(2x2.1+1.05)	0.10	cum				
		Total	0.10	cum	0.10	cum		
13	Providing and fixing flush door shutters decorative type core of block board construction with frame of 1st class hard wood matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. Providing 35 mm thick flush door shutter decorative type							
9.20.1		D 4x1.05x2.1	8.82					
			8.82					
14	Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc.all complete							
9.82.1		W - 3 x 0.900x1.350	3.65	sqm				
		W - 1 x 0.900x1.050	0.95	sqm				
		4.59 sqm @ 21 kg/sqm	4.59	sqm	96.39	kg		
							76.70	7393.11
15	Providing and fixing anodised aluminium work for doors, windows, ventilator and partitions with extruded built up standard tubular and other sections of approved make conforming to IS : 733 and IS : 1285, anodised transparent or dyed to required shade according to IS : 1868, (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free straight, mited and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/paneling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge (Glazing and paneling to be paid for separately)							
21.1.1		3(3x.9+1.25x2)	16.20	RM				
		3x.9+1.25x2	4.80	RM				
		TOTAL	21.00	RM				
		0.9 kg/MTR	18.90	KG	18.90	kg		
16	Providing & fixing glazing in aluminium window with 4.00 mm thick glass							
21.3.1			4.03	sqm	4.03	sqm		
17	Providing 12 mm th cement plaster in C:M (1:6) cement sand ...do... all complete job.							
	inter p.pasteer		168.81	sqm				
	exterior plaster		77.67	sqm				
	Bwall- 2x(27.5-1.7x.25) x 1.2		29.70	sqm				
	Top- 24.75 x .15		3.71	sqm				
			279.89	sqm				
18	Providing 6 mm th cement plaster in C:M (1:4) cement sand ...do... all complete job.							
							101.20	28325.27



Grade beam 55.208x.5		27.60 sqm								
Beam in b/wall 27.5x.3		8.25 sqm								
Beam 5.18 x(2x.38+25)		5.23 sqm								
Total		111.70 sqm						291	32505.864	
B/wall- 7x4x.25x1.5		10.50 sqm								
Column 12x4x0.25x3.20 =		38.40 sqm								
Total		48.90 sqm						38.40 sqm	357.6	13731.84
30	Providing pebble dash plaster									
13.32	2x.375x.75	0.5675								
Total		0.5675	sqm	0.5675	sqm			271.7	154.19	
31	Pro. And fixing 1mm thick M.S sheet door with frame of 40x40x6mm angle iron...to do all comp. job									
	Toilet Room Qty. - 2nosx0.9mx2.1m = 3.78 sqm									
	BWwall gate- 1no.x1mx1.2m = 1.2 sqm									
	Total qty = 4.98 sqm	4.98	sqm					2986.7	14873.77	
	TOTAL							Rs.	632486.22	
32	Carriage of materials from source to HQ (Purnia)									
	Materials									
	Bricks	K1+P7	Thous	672.27	15.41	10359.7				
	Sand	109p+1k	cum	1649.91	23.41	38624.4				
	Chips	149p+1k	cum	2188.09	21.00	45949.9				
	cement + steel	8p+2k	mt	344.80	13.74	4738.0				
	local sand	2p+1k	cum	256.32	23.92	6129.9				
	Total								738298.08	
	Less CP &oh @13.045% except 1								96264.80	
									642033.27	
33	DIFFERENCE COST OF MATERIALS									
a)	Cement	235	bags	39.7					9329.5	
b)	Bricks	15410	nos	802.2					12361.902	
c)	Unskilled labour	375	nos	29					10875	
									(-)	
34	Add cost of toilet fittings, tubewell, leach pit etc									
35	Electrification								Rs	25000.00
36	Add cost of signboard & photography								Rs	20000.00
37	Add for difference cost of vats@3%								Rs	2500.00
									Rs	21010.49
									Rs	700349.67
									Rs	700000.00
										(Rupees Seven lakh only)

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