

PMAY-G HOUSE MODEL NO.2



<u>ABSTRACT</u>

Proposed Construction of PMAY-G Rural House Model No.2

Sl.No.		ENERAL FICATIONS:-	DESCRIPTION				
1.	Safe Beari	Safe Bearing Capacity The Safe Bearing Capacity considered is 150 KN/sq.m,					
2.	Foundatio	n	Isolated / Combined RCC iso	lated footings.			
3.	Superstru	cture	RCC Frame Structure with R	oof Truss as per design.			
4.	Walls		12.5 cm thick 1 st Class Brick / Stone Block/ AAC Blocks et	/ Mud Blocks / Hollow Block tc.			
5.	Doors		Full panelled 2 nd Class local	wooden doors.			
6.	Windows	/ Ventilators	2 nd Class Timber frame with Windows / Ventilators with	n glass panes / Steel Frames MS Grills & glass panes.			
7.	Floor/ Roo	om Height	255cms (2.55 metres) plus an additional height of 700mm (0.7 metres) for Roofing.				
8.	Flooring		25mm thick C.C. flooring.				
9.	Roof Trus	s & Roof Cover	Tubular 2 nd Class/treated Timber Frame Truss as pedesign with CGI sheet used as roof cover fastened with J-bolts.				
10.	. Exterior/Interior Finishing		Exterior/Interior finishings with acrylic washable distemper of approved shade for columns, brick walls lintels etc. Doors & windows painted with synthetic enamel paint of approved shade.				
PMAY-	-G House	Area	Amount (in Rs)	Amount (in Rs)			
М	odel	(in sq.m)	[As per Local Market Rate]	[As per PWD-Buildings SOR]			
Mod	el No.2	31.53	Rs.1,87,830.00	Rs.2,62,550.00			

Prepared by:

ASSISTANT ENGINEER (PMAY-G)
DIRECTORATE OF COMMUNITY & RURAL DEVELOPMENT,
MEGHALAYA, SHILLONG.

PMAY-G RURAL HOUSE MODEL NO.2 (Tentative Cost-Estimate as per Local Market Rate)

Sl.No.	Items /Materials	Nos.	Quantity	Unit	Rate	Amount
1	Stone Soling (100mm thick)	-	4.38	cum	₹ 2,390.00	₹ 10,468.20
2	PCC 1:3:6 (50mm thick)	-	2.19	cum		
(i)	Cement		6.31	bags	₹ 420.00	₹ 2,650.20
(ii)	Coarse sand		0.657	cum	₹ 1,200.00	₹ 788.40
(iii)	Stone Aggregates		1.31	cum	₹ 1,300.00	₹ 1,703.00
3	RCC works 1:2:4 (substructure)	-	2.86	cum		
(i)	Cement		11.76	bags	₹ 420.00	₹ 4,939.20
(ii)	Coarse sand		0.81	cum	₹ 1,200.00	₹ 972.00
(iii)	Stone Aggregates		1.63	cum	₹ 1,300.00	₹ 2,119.00
4	RCC works 1:2:4 (superstructure)	-	3.45	cum		
(i)	Cement		14.19	bags	₹ 420.00	₹ 5,959.80
(ii)	Coarse sand		0.98	cum	₹ 1,200.00	₹ 1,176.00
(iii)	Stone Aggregates		1.97	cum	₹ 1,300.00	₹ 2,561.00
5	Reinforcement bars (Rods)					
(i)	#10mm dia	-	1.42	quintal	₹ 5,500.00	₹ 7,810.00
(ii)	#6mm dia	-	1.14	quintal	₹ 5,500.00	₹ 6,270.00
6	Formwork/Planks (25mm)	-	-	L/s	₹ 4,000.00	₹ 4,000.00
7	Stone Masonry (1:6) Boulders	-	2.23	cum	₹ 2,390.00	₹ 5,329.70
(i)	Cement		2.75	bags	₹ 420.00	₹ 1,155.00
(ii)	Coarse sand		1.47	cum	₹ 1,200.00	₹ 1,764.00
8	Brickwork (1:6)	-	63.83	sqm		
(i)	Bricks		2872	nos.	₹ 9.00	₹ 25,848.00
(ii)	Cement		7.00	bags	₹ 420.00	₹ 2,940.00
(iii)	Coarse sand		1.47	cum	₹ 1,200.00	₹ 1,764.00
9	25mm Topping for Flooring (1:2:4)	-	0.862	cum		•
(i)	Cement		3.54	bags	₹ 420.00	₹ 1,486.80
(ii)	Coarse sand		0.246	cum	₹ 1,200.00	₹ 295.20
(iii)	Stone Aggregates		0.492	cum	₹ 1,300.00	₹ 639.60

10	10mm Thick Plaster (1:6)	-	1.353	cum		
(i)	Cement		5.56	bags	₹ 420.00	₹ 2,335.20
(ii)	Hill sand		1.16	cum	₹ 800.00	₹ 928.00
11	Distempering/Painting	1	8	litres	₹ 160.00	₹ 1,280.00
12	Woodwork in doors/windows (chowkhat)	1	0.15	cum	₹ 15,000.00	₹ 2,250.00
13	Doors & window panels					
(i)	Door & Window Panels	-	-	L/s	₹ 10,000.00	₹ 10,000.00
14	Woodworks in Roofings	-	0.51	cum	₹ 15,000.00	₹ 7,650.00
15	CGI Sheet Roof					
(i)	Roofs	-	45.70	sqm	₹ 328.00	₹ 14,989.60
(ii)	Ridging	-	16.24	Rm	₹ 170.00	₹ 2,760.80
16	Miscellaneous items	-	-	L/s	₹ 5,000.00	₹ 5,000.00
			Mat	erial Compo	onent (A) Total =	₹ 1,39,832.70
17	Labour Cost	Assı	uming the v	vork to be co	mpleted within 30	working days.
(i)	Unskilled	1	30	Mandays	₹ 300.00	₹ 9,000.00
(ii)	Semi-Skilled	2	30	Mandays	₹ 400.00	₹ 24,000.00
(iii)	Skilled	1	30	Mandays	₹ 500.00	₹ 15,000.00
			La	bour Compo	onent (B) Total =	₹ 48,000.00

Grand Total (A+B) = ₹ 1,87,832.70

Say = ₹ 1,87,830.00

$(Rupees\ One\ Lakh\ Eighty\ Seven\ Thousand\ Eight\ Hundred\ And\ Thirty\ Only)$

Notes: 1) The above rates are tentative and subjected to vary from one place to another depending upon the local market rate.

- 2) Transportation & carriage charges may also differ depending upon the distance and topography of the site.
- 3) Detailed Measurements of the drawings/plans are to be followed as per the dimensions/measurements mentioned in the PWD SOR detailed estimate.

PREPARED BY:

ASSISTANT ENGINEER (PMAY-G)
DIRECTORATE OF COMMUNITY & RURAL DEVELOPMENT
MEGHALAYA, SHILLONG.

Detailed Estimate for Construction of PMAY-G Rural House Model No.2 Rate as per Govt. of Meghalaya P.W.D (Building Works) Schedule of Rates 2015-16 (Khasi Hills Region Rate) SI.No / Description of items No Н Quantity Area Content Item.no 1/1.1 Earthwork in excavation in foundation trenches including dressing of sides and ramming of bottom including stacking of serviceable stones and removal of excavated earth which lead upto 50m complete..... a) In ordinary soil **Footing** 1 0.65 0.65 0.65 2.20 1 1 0.50 0.50 0.50 0.13 1 Plinth wall (X-axis) 3 1 1 2.40 0.30 0.30 0.65 1 2.60 0.30 0.30 0.47 Y-axis 3 1 2.40 0.30 0.65 0.30 1 2 1 1 2.10 0.30 0.30 0.38 4.48 Total = Rs. 179.00 Rs. 801.92 @ Per Cum 2/4.1 Providing brick soling in foundation and under floor with stone/best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.. Stone soling of thickness 100mm (c) **Footing** 1 1 0.60 0.60 2.88 1 1 0.50 0.50 0.25 Plinth wall (X-axis) 3 1 2.40 0.30 2.16 1 2 1 1 2.60 0.30 1.56 Y-axis 3 1 2.40 0.30 2.16 2 1 1 2.10 0.30 1.26 **Flooring** 1 1 1 6.37 3.17 20.19 1 1 1 3.17 2.70 8.56 Verandah 1 3.22 1 1 1.50 4.83 Total = 43.85 @ Rs. 378.00 Per Sam Rs. 16,575.30 3/2.2 Plain cement concrete floor base in prop 1:3:6 laid in alternate bays as specified with coarse aggregates of size 13mm to 32mm including dewatering if necessary, and curing etc complete. (b) 50 mm thick In prop 1:3:6 **Footing** 8 1 1 0.60 0.60 2.88 1 0.50 0.50 0.25 1 1 2.16 Plinth wall (X-axis) 3 1 1 2.40 0.30 2 1 1 2.60 0.30 1.56 Y-axis 3 1 1 2.40 0.30 2.16 2 1 1 2.10 0.30 1.26 **Flooring** 1 1 1 6.37 3.17 20.19 1 2.70 8.56 1 3.17 1 Verandah 1 3.22 1.50 4.83

Total =

Rs. 354.00

43.85

Per Sqm

Rs. 15,523.57

SI.No / tem.no	Description of items		No		L	В	н	Quantity	Area Content
4/2.5	Providing and laying cor	crete	in reii	nforce	ed cemen	t concrete	works using concr	ete mixture	
	machine with coarse sar								
	necessary, and curing co				_				
	cement concrete work(f	orm w	ork a	nd rei	inforcem	ent will be	measured and paid	d seperately)	
/2.5.1	in foundation and sub-si	tructur	re inc	luding	g footing,	columns wi	ith base,tie and pli	nth beam,pile	
	cap,raft slab,base slab,ro	cc wall	s,reta	aining	walls,wa	llsof septic	tank,inspection pit	and the likes	
	and other works not less	s than	100m	nm thi	ick up to	plinth level	witout using).		
	admixture, plasticiser)								
(a)	M15 or Prop. 1:2:4 (for	non-s	tructı	ural w	orks)				
	Footing	8	1	1	0.60	0.60	0.30	0.86	
		8	1	1	(0.6 x 0.6)+	+(0.60 x 0.60)	0.20	0.58	
		1	1	1	0.50	0.50	0.30	0.08	
						+(0.60 x 0.60)			
		1	1	1		2	0.20	0.06	
	Column from top of footing upto PL	8	1	1	0.18	0.18	0.90	0.22	
	looting upto 1 E	1	1	1	0.13	0.13	0.80	0.01	
	Plinth Beam	3	1	1	3.00	0.18	0.20	0.32	
		2	1	1	3.20	0.18	0.20	0.22	
		3	1	1	3.00	0.18	0.20	0.32	
		2	1	1	2.70	0.18	0.20	0.19	
		2	1	1	2.70	0.16			
							Total =	2.86	
						_	D 7 54 4 00	5 6	D 04 467 F
/2.5.3	in columns, pillars, posts, support, balcony, lintel, si	ll band	d,bear	m,gird	ler,bressı	umer,cantil		Per Cum	Rs. 21,467.50
	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4	ll band l(witho	d,bear out us	m,gird ing ac	ler,bressı İmixture,	of,landing,s umer,cantil plasticiser)	helf and iver,staircase etc.a	bove plinth	Rs. 21,467.50
	support,balcony,lintel,si level upto 1st floor level	II band I(witho	d,bear out us 1	m,gird ing ac	der,bressu dmixture, 0.18	of, landing, s umer, cantil plasticiser) 0.18	helf and iver,staircase etc.a 2.55	bove plinth 0.62	Rs. 21,467.50
	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto top of 1st floor IVI	II band I(witho 8 1	d,bear out us 1 1	m,gird ing ac	ler,bressı İmixture,	of,landing,s umer,cantil plasticiser) 0.18 0.13	helf and iver,staircase etc.a 2.55 2.20	0.62 0.03	Rs. 21,467.50
	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto	II band I(witho	d,bear out us 1	m,gird ing ac	der,bressu dmixture, 0.18	of, landing, s umer, cantil plasticiser) 0.18	helf and iver,staircase etc.a 2.55	bove plinth 0.62	Rs. 21,467.50
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	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto top of 1st floor IVI	II band I(without 8 1 3	d,bear out us 1 1 1	m,gird ing ac 1 1 1	der,bressu dmixture, 0.18 0.13 2.82	of,landing,s umer,cantil plasticiser) 0.18 0.13 0.15	helf and iver,staircase etc.a 2.55 2.20 0.10	0.62 0.03 0.85	Rs. 21,467.50
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/2.5.3 (a)	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto top of 1st floor IVI	II band I(without 8 1 3 2 3	1 1 1 1 1 1	m,gird ing ac 1 1 1 1	0.18 0.13 2.82 3.00 2.82	of,landing,s umer,cantil plasticiser) 0.18 0.13 0.15 0.15 0.15	2.55 2.20 0.10 0.10 0.10 0.10	0.62 0.03 0.85 0.60 0.85 0.50	
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(a)	support, balcony, lintel, si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto top of 1st floor IvI Sill & Lintel Supplying, fitting and fixi relevent i.s code for rcc bending to to proper shannealed black wire and etc.complete. (rates inclimeasurements for the s Other ISI approved TMT rein Footing jalli (#6mm) Column from footing upto PL	Il band (without 8 1 3 2 3 2 Ing in part of the second of the se	1, bear sut us 1 1 1 1 1 1 1 soositic	m,gird ing acc 1 1 1 1 1 1 con rein alling ngth a cossitic wastag ired) ar (of \$	0.18 0.13 2.82 3.00 2.82 2.52 Inforcement including its per det per with per det per det per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per with per det per det per det per with per det	of,landing,sumer,cantil plasticiser) 0.18 0.13 0.15 0.15 0.15 0.15 ent bars upig straighten sails,supplyiroper block ge, hooks, o	2.55 2.20 0.10 0.10 0.10 0.10 Total = Rs. 7,692.00 to 1st floor level, coing, cleaning, cutting and binding with the series, supports, chairs, anchorage of the HERMAX make or equivalent and single and binding with the series of the series o	0.62 0.03 0.85 0.60 0.85 0.50 3.45 Per Cum onforming to ing and th 20G spacers etc.and no	
(a)	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto top of 1st floor IvI Sill & Lintel Supplying,fitting and fixi relevent i.s code for rcc bending to to proper shannealed black wire and etc.complete.(rates inclimeasurements for the s Other ISI approved TMT rein Footing jalli (#6mm) Column from footing upto PL (#10mm)	Il band (without) 8 1 3 2 3 2 Ing in p work/l apes a I placin usive c ame is nforcen	1, bear ut us 1 1 1 1 1 1 1 1 1 4 4 4	m,gird ing acc 1 1 1 1 1 1 con rein alling ngth a cossitic wastag ired) 2 1	o.18 o.13 o.2.82 o.00 o.82 o.52 enforcement including its per det per with per ge, lappages SAI/ BISCO o.60 o.90	of,landing,sumer,cantil plasticiser) 0.18 0.13 0.15 0.15 0.15 0.15 ent bars upig straighten sails,supplyiroper block ge, hooks, o	2.55 2.20 0.10 0.10 0.10 0.10 Total = Rs. 7,692.00 to 1st floor level, ching, cleaning, cutting and binding with standard shall be shall b	0.62 0.03 0.85 0.60 0.85 0.50 3.45 Per Cum onforming to ing and th 20G spacers etc.and no uivalent) 8.45 17.57	
(a)	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto top of 1st floor Ivl Sill & Lintel Supplying,fitting and fixi relevent i.s code for rcc bending to to proper shannealed black wire and etc.complete.(rates inclimeasurements for the s Other ISI approved TMT rein Footing jalli (#6mm) Column from footing upto PL (#10mm) Stirrups (#6mm)	Il band I(without) 8 1 3 2 3 2 3 2 4 work/I apes a I placir usive come is ame is aforcen	1, bear 1 1 1 1 1 1 1 1 1 1 1 4 4 7	m,gird ing accomplete in the second s	o.18 o.13 o.2.82 o.00 o.2.82 o.52 enforcement including its per det per with per ge, lappage state of the control of the contr	of,landing,sumer,cantil plasticiser) 0.18 0.13 0.15 0.15 0.15 0.15 ent bars upig straighten sails,supplyiroper block ge, hooks, o	2.55 2.20 0.10 0.10 0.10 0.10 Total = Rs. 7,692.00 to 1st floor level, cling, cleaning, cutting and binding with standard supports, chairs, anchorage of the HERMAX make or equal to 22 0.61 0.22	0.62 0.03 0.85 0.60 0.85 0.50 3.45 Per Cum onforming to fing and th 20G spacers etc.and no uivalent) 8.45 17.57 7.88	
6/2.8	support,balcony,lintel,si level upto 1st floor level M15 or prop 1:2:4 Column from top of PL upto top of 1st floor IvI Sill & Lintel Supplying,fitting and fixi relevent i.s code for rcc bending to to proper shannealed black wire and etc.complete.(rates inclimeasurements for the s Other ISI approved TMT rein Footing jalli (#6mm) Column from footing upto PL (#10mm)	Il band (without) 8 1 3 2 3 2 Ing in p work/l apes a I placin usive c ame is nforcen	1, bear ut us 1 1 1 1 1 1 1 1 1 1 4 4 4	m,gird ing acc 1 1 1 1 1 1 con rein alling ngth a cossitic wastag ired) 2 1	o.18 o.13 o.2.82 o.00 o.82 o.52 enforcement including its per det per with per ge, lappages SAI/ BISCO o.60 o.90	of,landing,sumer,cantil plasticiser) 0.18 0.13 0.15 0.15 0.15 0.15 ent bars upig straighten sails,supplyiroper block ge, hooks, o	2.55 2.20 0.10 0.10 0.10 0.10 Total = Rs. 7,692.00 to 1st floor level, ching, cleaning, cutting and binding with standard shall be shall b	0.62 0.03 0.85 0.60 0.85 0.50 3.45 Per Cum onforming to ing and th 20G spacers etc.and no uivalent) 8.45 17.57	Rs. 21,467.50

ltem.no	Description of items		No		L	В	н	Quantity	Area Content
	Plinth beam (#10mm)	3	4	1	3.00	-	0.61	21.96	
	Stirrups (#6mm)	3	20	1	0.86	-	0.22	11.35	
	(#10mm)	2	4	1	3.20	-	0.61	15.62	
	Stirrups (#6mm)	2	21	1	0.86	-	0.22	7.95	
	(#10mm)	3	4	1	3.00	-	0.61	21.96	
	Stirrups (#6mm)	3	20	1	0.86	-	0.22	11.35	
	(#10mm)	2	4	1	2.70	-	0.61	13.18	
	Stirrups (#6mm)	2	18	1	0.86	-	0.22	6.81	
	Column from top of PL upto top of 1st floor (#10mm)	8	4	1	2.55	-	0.61	49.78	
	Stirrups (#6mm)	8	20	1	0.64	-	0.22	22.53	
	Verandah Column (#6mm)	1	4	1	2.20	-	0.22	1.94	
	Stirrups (#6mm)	1	18	1	0.24	-	0.22	0.95	
	Lintel (#6mm)	3	4	1	2.82	-	0.22	7.44	
	Stirrups (#6mm)	3	19	1	0.24	-	0.22	3.01	
	Lintel (#6mm)	2	4	1	3.00	-	0.22	5.28	
	Stirrups (#6mm)	2	20	1	0.24	-	0.22	2.11	
	Lintel (#6mm)	3	4	1	2.82	-	0.22	7.44	
	Stirrups (#6mm)	3	19	1	0.24	-	0.22	3.01	
	Lintel (#6mm)	2	4	1	2.52	-	0.22	4.44	
	Stirrups (#6mm)	2	17	1	0.24	-	0.22	1.80	
							-		-
							Total =	254.83	
							Total = Say =	254.83 2.55	
7/2.10	Providing formwork of cremoval of the same for						<i>Say =</i> Rs. 8,438.00 not less than 25mn	2.55 <i>Per Qtl</i> n and	Rs. 21,502.56
	Providing formwork of or removal of the same for centering, shuttering, stri supporting floor to the si the following items: Foundation, footings, bas Footing	conc utting	rete m g and p of the	iembe iroppi concr	ers so as t ng etcfc ete mem	thickness to give a ro or height of ber not ex	Say = Rs. 8,438.00 not less than 25mm ugh finish including f propping and cent ceeding 4.0m as spo	2.55 Per Qtl In and Receifing of ecified for	Rs. 21,502.56
	removal of the same for centering, shuttering, stri supporting floor to the s the following items: Foundation, footings, bas	concutting soffit of the soffi	rete m g and p of the colum	roppi concr	ers so as t ng etcfc ete mem e cap,raft	thickness to give a ro or height of ber not ex	Say = Rs. 8,438.00 not less than 25mn ugh finish including f propping and cent ceeding 4.0m as spe concrete works etc	2.55 Per Qtl In and Sering of ecified for	Rs. 21,502.56
	removal of the same for centering, shuttering, stri supporting floor to the s the following items: Foundation, footings, bas	concutting soffit of ses of 8	rete m g and p of the colum 2	roppi concr ns,pil	ers so as t ng etcfc ete mem e cap,raft 0.65	thickness to give a ro or height of ber not ex	Say = Rs. 8,438.00 not less than 25mm ugh finish including f propping and cent ceeding 4.0m as special concrete works etc 0.18	2.55 Per Qtl In and 3 Retring of ecified for C. 3.64	Rs. 21,502.56
	removal of the same for centering, shuttering, stri supporting floor to the s the following items: Foundation, footings, bas	concutting soffit of ses of 8	rete m g and p of the colum 2	roppi concr ns,pil	ers so as t ng etcfc ete mem e cap,raft 0.65	thickness to give a ro or height of ber not ex	Say = Rs. 8,438.00 not less than 25mm ugh finish including f propping and cent ceeding 4.0m as spo	2.55 Per Qtl In and Beering of ecified for C. 3.64 0.25	Rs. 21,502.56 Rs. 1,318.71
2.10 (a)	removal of the same for centering, shuttering, stri supporting floor to the s the following items: Foundation, footings, bas Footing	concutting soffit of ses of 8	rete m g and p of the colum 2	roppi concr ns,pil	ers so as t ng etcfc ete mem e cap,raft 0.65	thickness to give a ro or height of ber not exc and mass	Say = Rs. 8,438.00 not less than 25mn rugh finish including f propping and cent ceeding 4.0m as speceding 4.0m as speceding 4.0m 0.18 0.13 Total =	2.55 Per Qtl In and Bering of ecified for 3.64 0.25 3.89	
2.10 (a)	removal of the same for centering, shuttering, stra supporting floor to the s the following items: Foundation, footings, bas Footing	conc utting soffit ses of 8 1	rete m g and p of the colum 2 2	nembe roppi concr ns,pil 2 2	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50	thickness to give a ro or height of ber not exc and mass	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as speceding 4.0m as speceding 4.0m Concrete works etc 0.18 0.13 Total = Rs. 339.00	2.55 Per Qtl In and Bering of ecified for 3.64 0.25 3.89 Per Sqm	
2.10 (a)	removal of the same for centering, shuttering, stra supporting floor to the s the following items: Foundation, footings, bas Footing	conc utting soffit of ses of 8 1	rete m g and p of the colum 2 2	nembe proppi concr ns,pil 2 2	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50	thickness to give a ro or height of ber not exc and mass	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as special concrete works etc 0.18 0.13 Total = Rs. 339.00 0.20	2.55 Per Qtl In and 3.64 0.25 3.89 Per Sqm 3.60	
2.10 (a)	removal of the same for centering, shuttering, stra supporting floor to the s the following items: Foundation, footings, bas Footing	ses of 8 1 3 2	rete m g and p of the colum 2 2	nemberroppi concr ns,pil 2 2	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50 3.00 3.20	thickness to give a ro or height of ber not exc and mass	Say = Rs. 8,438.00 not less than 25mm ugh finish including f propping and cent ceeding 4.0m as speceding 4.0m 0.18 0.13 Total = Rs. 339.00 0.20 0.20	2.55 Per Qtl In and Beering of ecified for 2. 3.64 0.25 3.89 Per Sqm 3.60 2.56	
2.10 (a)	removal of the same for centering, shuttering, stra supporting floor to the s the following items: Foundation, footings, bas Footing	ses of a ses	rete m g and p of the colum 2 2 2 2 2	nemberroppi concr ns,pil 2 2	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50 3.00 3.20 3.00	thickness to give a ro or height of ber not exc and mass	Say = Rs. 8,438.00 not less than 25mn rugh finish including f propping and cent ceeding 4.0m as spec concrete works etc 0.18 0.13 Total = Rs. 339.00 0.20 0.20 0.20 0.20	2.55 Per Qtl In and Beering of ecified for 3.64 0.25 3.89 Per Sqm 3.60 2.56 3.60	
2.10 (a) 2.10 (b)	removal of the same for centering, shuttering, stra supporting floor to the s the following items: Foundation, footings, bas Footing	ses of a ses	rete m g and p of the colum 2 2 2 2 2	nemberroppi concr ns,pil 2 2	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50 3.00 3.20 3.00	thickness to give a ro or height of ber not exc and mass	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as specific concrete works etc 0.18 0.13 Total = Rs. 339.00 0.20 0.20 0.20 0.20 0.20	2.55 Per Qtl In and 3.64 0.25 3.64 0.25 3.89 Per Sqm 3.60 2.56 3.60 2.16	
2.10 (a) 2.10 (b)	removal of the same for centering, shuttering, stra supporting floor to the s the following items: Foundation, footings, bas Footing	ses of a ses	rete m g and p of the colum 2 2 2 2 2	nemberroppi concr ns,pil 2 2	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50 3.00 3.20 3.00	thickness to give a root reight of ber not executed and mass @	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as speceding 4.0m 0.18 0.13 Total = Rs. 339.00 0.20 0.20 0.20 0.20 0.20 Total =	2.55 Per Qtl In and Retring of ecified for 2. 3.64 0.25 3.89 Per Sqm 3.60 2.56 3.60 2.16 11.92	Rs. 1,318.71
2.10 (a) 2.10 (b) 2.10 (c)	removal of the same for centering, shuttering, strisupporting floor to the sthe following items: Foundation, footings, bas Footing Plinth Beam Column from top of	utting soffit of sees of 8 1 3 2 3 2	rete m g and p of the colum 2 2 2 2 2	nemberoppi concr	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50 3.00 3.20 3.00 2.70	thickness to give a root reight of ber not executed and mass @	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as speceding 4.0m 0.18 0.13 Total = Rs. 339.00 0.20 0.20 0.20 0.20 Total = Rs. 421.00	2.55 Per Qtl In and Beering of ecified for 2. 3.64 0.25 3.89 Per Sqm 3.60 2.56 3.60 2.16 11.92 Per Sqm	Rs. 1,318.71
2.10 (a) 2.10 (b) 2.10 (c)	removal of the same for centering, shuttering, strisupporting floor to the sthe following items: Foundation, footings, bas Footing Plinth Beam Column from top of	sofficers of a see of	rete m g and p of the colum 2 2 2 2 2 2	nemberoppi concr ns,pil 2 2 1 1 1	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50 3.00 3.20 3.00 2.70	thickness to give a root reight of ber not executed and mass @	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as speceding 4.0m 0.18 0.13 Total = Rs. 339.00 0.20 0.20 0.20 0.20 Total = Rs. 421.00 0.90	2.55 Per Qtl In and Retring of ecified for 2. 3.64 0.25 3.89 Per Sqm 3.60 2.56 3.60 2.16 11.92 Per Sqm 5.04	Rs. 1,318.71
2.10 (a) 2.10 (b) 2.10 (c)	removal of the same for centering, shuttering, strisupporting floor to the sthe following items: Foundation, footings, base Footing Plinth Beam Column from top of footing upto top of PL Column from top of PL upto	ses of 8 1 3 2 3 2 8 1	rete m g and p of the colum 2 2 2 2 2 2 2	nembeerroppi concr	ers so as t ng etcfc ete mem e cap,raft 0.65 0.50 3.00 3.20 3.00 2.70	thickness to give a root reight of ber not executed and mass @	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as speceding 4.0m 0.18 0.13 Total = Rs. 339.00 0.20 0.20 0.20 0.20 Total = Rs. 421.00 0.90 0.80	2.55 Per Qtl In and Bering of ecified for 3.64 0.25 3.89 Per Sqm 3.60 2.56 3.60 2.16 11.92 Per Sqm 5.04 0.40	Rs. 1,318.71
2.10 (a) 2.10 (b) 2.10 (c)	removal of the same for centering, shuttering, strisupporting floor to the sthe following items: Foundation, footings, base Footing Plinth Beam Column from top of footing upto top of PL Column from top of PL upto	ses of 8 1 3 2 3 2 8 1 8	rete m g and p of the colum 2 2 2 2 2 2 2	nemberoppi concr	ers so as t ng etcfo ete mem e cap,raft 0.65 0.50 3.00 3.20 3.00 2.70	thickness to give a room height of ber not executed and mass @	Say = Rs. 8,438.00 not less than 25mm rugh finish including f propping and cent ceeding 4.0m as spi concrete works etc 0.18 0.13 Total = Rs. 339.00 0.20 0.20 0.20 0.20 Total = Rs. 421.00 0.90 0.80 2.55	2.55 Per Qtl In and Beering of ecified for C: 3.64 0.25 3.89 Per Sqm 3.60 2.56 3.60 2.16 11.92 Per Sqm 5.04 0.40 14.28	Rs. 1,318.71

Sl.No / Item.no	Description of items		No		L	В	н	Quantity	Area Content
8/4.11.	Stone masonry work in	retain	ing w	all,win	g wall,ab	utment,fou	undation, steps, plint	th etc	
(a)	Random Rubble Mason	ry							
(ii)	In Super-structure abov	ve Plin	th Le	vel					
	Plinth wall (X-axis)	3	1	1	2.40	0.30	0.25	0.54	
		2	1	1	2.60	0.30	0.25	0.39	
		1	1	1	3.20	0.30	0.25	0.24	
	Y-axis	3	1	1	2.40	0.30	0.25	0.54	
		2	1	1	2.10	0.30	0.25	0.32	
		1	1	1	1.50	0.30	0.25	0.11	
	Stairs	1	1	1	2.00	0.30	0.15	0.09	
							Total =	2.23	
						@	Rs. 4,189.00	Per cum	Rs. 9,341.47
9/4.6	Providing Brick wall in c	ement	t mor	tar 1:6	etc				
(a)	Half Brick (~112 mm) tl	nick 1s	t clas	s brick	k nogged	wall			
(iv)	In proportion 1:6 (1 ce	ment :	6 sar	nd)					
	Wall	3	1	1	2.82	-	2.55	21.57	
		2	1	1	3.00	-	2.55	15.30	
		3	1	1	2.82	-	2.55	21.57	
		2	1	1	2.52	-	2.55	12.85	
		2	1	1	3.00	-	0.30	1.80	
	Deduct door & window	'S							
	D1	1	1	1	0.90	-	2.00	-1.80	
	D2	2	1	1	0.80	-	2.00	-3.20	
	W1	5	1	1	0.80	-	1.00	-4.00	
	V1	2	1	1	0.45	-	0.30	-0.27	
							Total =	63.83	
						@	Rs. 825.00	Per sqm	Rs. 52,658.10
10/3.2	25mm thick cement cor 12 mm nominal size) et		topp	ing 1:2	2:4 (1 cen	nent: 2 coa	rse sand: 4 coarse a	aggregate of	
	Flooring	1	1	1	6.37	3.17	-	20.19	
		1	1	1	3.17	2.70	-	8.56	
	Verandah	1	1	1	3.22	1.50	-	4.83	
	Stairs	1	1	1	2.00	0.15	-	0.30	
		1	1	1	2.00	0.30	- <u>-</u>	0.60	
							Total =	34.48	
						@	Rs. 322.00	Per Sqm	Rs. 11,102.56
11/5.1 (d)	10mm thick cement pla In cement mortar 1:6	ster e	tc						
(4)	Walls (both sides)	2	1	1	63.83		_	127.66	
	Columns	8	2	0.2	2.55	_	_	7.14	
	Columns	1	2	0.2	2.20	_	_	0.55	
		_	_	0.1	2.20	_	_		
							Total =	135.35	

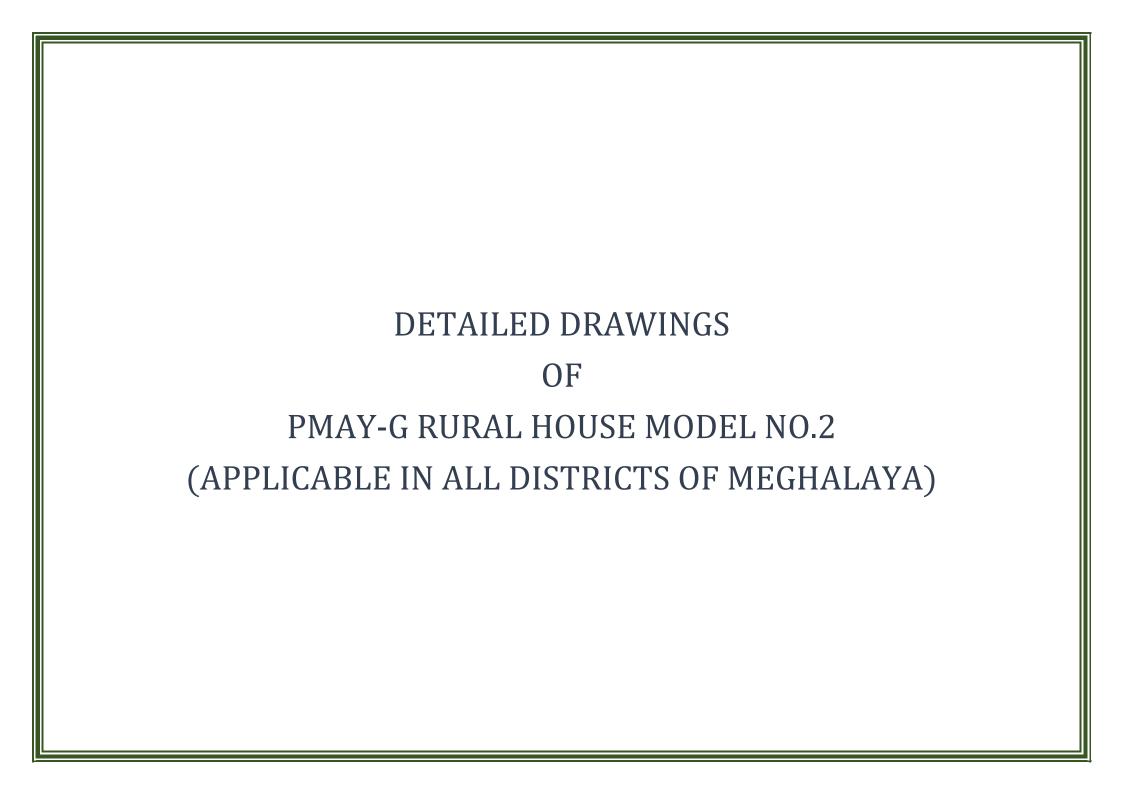
ltem.no	Description of items		No		L	В	н	Quantity	Area Content
12/15.23	Distempering two coa	ts with	oil bo	und di	stemper	of approve	ed brand		
	Quantity	same a	s Iten	n no. 1	1/5.1		-	135.35	_
							Total =	135.35	
						@	Rs. 80.00	Per Sqm	Rs. 10,828.00
13/8.2	Providing wood work	in frame	e (cho	wkats') of door:	s,windows,	clerestory windows	etc	
(d)	White pine		,		,	,	,		
	D1	1	1	1	4.90	0.10	0.05	0.02	
	D2	2	1	1	4.80	0.10	0.05	0.05	
	W1	5	1	1	3.60	0.08	0.05	0.07	
	V1	2	1	1	1.50	0.08	0.05	0.01	
							Total =	0.15	•
						@	Rs. 56,175.00	Per cum	Rs. 8,426.25
14/8.18	Providing, fitting and fi	ixing ful	l pane	elled d	oors/win	dows etc			
(d)	With White Pinewood				,				
(iii)	30mm thick								
	D1	1	1	1	0.90	2.00	_	1.80	
	D2	2	1	1	0.80	2.00	_	3.20	
	W1	5	1	1	0.80	1.00	_	4.00	
	V1	2	1	1	0.45	0.30	-	0.27	
							Total =	9.27	.
						@	Rs. 2,981.00	Per Sqm	Rs. 27,633.87
15/15.63	Painting two coats (ex				at) on ne	w wood and	d wood based	·	
(a) (ii)	Painting two coats (ex Surfaces over 100mm High gloss (Asian pain D1 D2 W1	in widt	h or a	girth.				3.60 6.40 8.00	
(a)	Surfaces over 100mm High gloss (Asian pain D1 D2	in widt ot/ Berge 1 2	th or ger pai	girth. nt/ ICI 2 2	paint/ J 0.90 0.80		Nerolac). 2.00 2.00	3.60 6.40	
(a)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1	in widt it/ Berge 1 2 5	th or ger pair	girth. nt/ ICI 2 2 2	paint/ J 0.90 0.80 0.80		Nerolac). 2.00 2.00 1.00	3.60 6.40 8.00	
(a)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1	in widt it/ Berge 1 2 5	th or ger pair	girth. nt/ ICI 2 2 2	paint/ J 0.90 0.80 0.80		Nerolac). 2.00 2.00 1.00 0.30	3.60 6.40 8.00 0.54	Rs. 2,688.30
(a)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1	n in widt t/ Berge 1 2 5 2	th or ger pai	girth. nt/ ICI 2 2 2 2 2	paint/ J 0.90 0.80 0.80 0.45	& N paint/ - - - - -	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00	3.60 6.40 8.00 0.54 18.54 Per Sqm	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1	n in widt it/ Berge 1 2 5 2 voodwo	th or ger paid 1 1 1 1 1 1 1 1 1 rk in r	girth. nt/ ICI 2 2 2 2 2	0.90 0.80 0.80 0.45	& N paint/ - - - - -	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00	3.60 6.40 8.00 0.54 18.54 Per Sqm	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc	n in widt it/ Berge 1 2 5 2 voodwo	th or ger paid 1 1 1 1 1 1 1 1 1 rk in r	girth. nt/ ICI 2 2 2 2 2	0.90 0.80 0.80 0.45	& N paint/ - - - - -	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00	3.60 6.40 8.00 0.54 18.54 Per Sqm	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood	in widt it/ Berge 1 2 5 2 voodwo	th or ger paid 1 1 1 1 1 1 1 1 1 rk in r	girth. nt/ ICI 2 2 2 2 2 coof tr	paint/ J 0.90 0.80 0.80 0.45 uss, rafte	& N paint/ @	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood	in widt it/ Berge 1 2 5 2 voodwo	th or ger paid to the paid of	girth. nt/ ICI 2 2 2 2 2 roof tr eated 1	0.90 0.80 0.80 0.45 uss, rafte timber 6.47	& N paint/ @ er, purlin, ti	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood Main Roof Purlins Joists/Battens	n in widt it/ Berge 1 2 5 2 voodwo d/2nd cl. 6 6	th or ger paid to the paid to	girth. nt/ ICI 2 2 2 2 2 7 roof tr eated 1 1	0.90 0.80 0.80 0.45 uss, rafte timber 6.47 3.97	& N paint/ @ er, purlin, ti 0.05 0.05	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu 0.05 0.05	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood Main Roof Purlins	in widt it/ Berge 1 2 5 2 voodwo 4/2nd cl	th or ger paid the paid of the	girth. nt/ ICI 2 2 2 2 2 roof tr eated 1 1 1	0.90 0.80 0.45 uss, rafte timber 6.47 3.97 3.13	& N paint/ @ er, purlin, ti 0.05 0.05 0.05	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu 0.05 0.05 0.05 0.08 0.08 0.08	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting 0.10 0.06 0.04	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood Main Roof Purlins Joists/Battens	n in widt it/ Berge 1 2 5 2 voodwo d/2nd cl: 6 6 6 3 4	th or ger paid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	girth. nt/ ICI 2 2 2 2 2 roof tr eated 1 1 1	paint/ J 0.90 0.80 0.45 uss, rafte timber 6.47 3.97 3.13 3.13	& N paint/ er, purlin, ti 0.05 0.05 0.05 0.05	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu 0.05 0.05 0.05 0.08 0.08	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting 0.10 0.06 0.04 0.05	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood Main Roof Purlins Joists/Battens	n in widt th/ Berge 1 2 5 2 voodwo d/2nd cl 6 6 6 3 4 4	th or ger paid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	girth. nt/ ICI 2 2 2 2 2 1 roof tr eated 1 1 1 1	paint/ J 0.90 0.80 0.80 0.45 uss, rafte timber 6.47 3.97 3.13 3.13 2.00	& N paint/ 0.05 0.05 0.05 0.05 0	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu 0.05 0.05 0.05 0.08 0.08 0.08	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting 0.10 0.06 0.04 0.05 0.06	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood Main Roof Purlins Joists/Battens	in widt the Berger 1 2 5 2 voodwo d/2nd cla 6 6 6 3 4 4 6	th or ger paid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	girth. nt/ ICI 2 2 2 2 2 roof tr eated 1 1 1 1 1	uss, rafte timber 6.47 3.97 3.13 2.00 2.00	& N paint/ er, purlin, ti 0.05 0.05 0.05 0.05 0.05 0.05	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu 0.05 0.05 0.08 0.08 0.08 0.08 0.08	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting 0.10 0.06 0.04 0.05 0.06 0.09	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood Main Roof Purlins Joists/Battens Rafters	in widt th/ Berge 1 2 5 2 voodwo d/2nd cl: 6 6 3 4 4 6 2	th or ger paid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	girth. nt/ ICI 2 2 2 2 2 1 roof tr eated 1 1 1 1 1	paint/ J 0.90 0.80 0.45 uss, rafte timber 6.47 3.97 3.13 3.13 2.00 2.00 2.90	& N paint/ 0.05 0.05 0.05 0.05 0	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu 0.05 0.05 0.05 0.08 0.08 0.08 0.08 0.0	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting 0.10 0.06 0.04 0.05 0.06 0.09 0.04	Rs. 2,688.30
(a) (ii)	Surfaces over 100mm High gloss (Asian pain D1 D2 W1 V1 Providing undressed v etc With White pinewood Main Roof Purlins Joists/Battens Rafters	in widt tr/ Berge 1 2 5 2 voodwo d/2nd cl: 6 6 6 3 4 4 6 2 3	th or ger paid 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	girth. nt/ ICI 2 2 2 2 2 1 roof tr eated 1 1 1 1 1 1	0.90 0.80 0.45 uss, rafte timber 6.47 3.97 3.13 3.13 2.00 2.00 2.90 0.75	& N paint/ 0.05 0.05 0.05 0.05 0	Nerolac). 2.00 2.00 1.00 0.30 Total = Rs. 145.00 e and the like inclu 0.05 0.05 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08	3.60 6.40 8.00 0.54 18.54 Per Sqm ding hoisting 0.10 0.06 0.04 0.05 0.06 0.09 0.04 0.01	Rs. 2,688.30

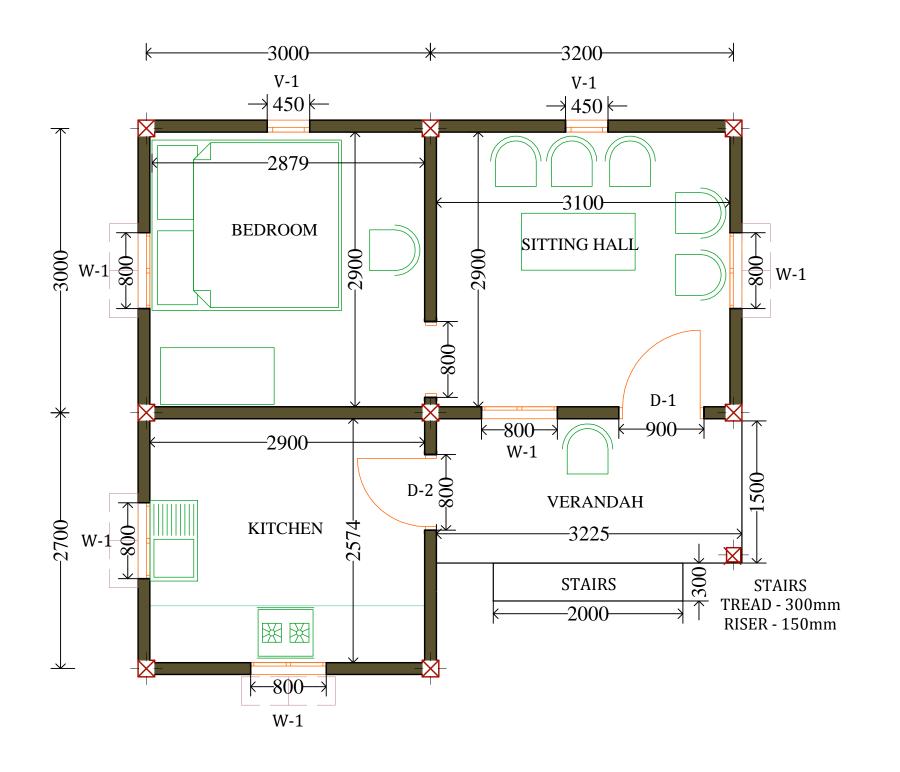
Sl.No / Item.no	Description of items		No		L	В	н	Quantity	Area Content
	Purlins (Verandah)	3	1	1	3.52	0.04	0.05	0.02	
		4	1	1	1.80	0.04	0.05	0.01	
							Total =	0.51	
						@	Rs. 42,263.00	Per cum	Rs. 21,554.13
17/7.3	Providing corrugated ga	Ivanis	ed iro	n she	et etc				
(a)	0.45mm Thick								
	Main Roof	1	1	1	6.47	3.77	-	24.39	
		1	1	1	3.97	3.77	-	14.97	
	Verandah	1	1	1	3.52	1.80	-	6.34	
							Total =	45.70	
						@	Rs. 817.00	Per Sqm	Rs. 37,336.90
18/7.4	Providing galvd iron ridg	ging et	.c						
(a)	0.45mm Thick								
	Ridging	1	1	1	6.47	-	-	6.47	
		1	1	1	3.97	-	-	3.97	
		2	1	1	2.90	-	-	5.80	
							Total =	16.24	
						@	Rs. 336.00	R.m	Rs. 5,456.64
							_	Total =	Rs. 3,30,742.11
	(A)	Deduc	t 15%	Cont	ractor's F	rofit & 14.	5% VAT (15% + 14.5	5% = 29.5%) =	Rs. 2,33,173.19
	Canaidanina hasaluus	-£ 700	·	مادات		0 200/ le	-h		
	Considering breakup	or /05	o mat		•		abour wages on (A) 70% material comp	opent of (A)	Do 1 (2 221 22
							abour wages comp		Rs. 1,63,221.23
				,,	anu, cu ر۔		D) Adding 18% GST	• •	Rs. 69,951.96 Rs. 29,379.82
						,		tal (B+C+D) =	Rs. 2,62,553.01
							(L) Grand 10	Say =	Rs. 2,62,550.00

(Rupees Two Lakhs Sixty Two Thousand Five Hundred And Fifty Only)

PREPARED BY:

ASSISTANT ENGINEER (PMAY-G)
DIRECTORATE OF COMMUNITY & RURAL DEVELOPMENT
MEGHALAYA, SHILLONG.





CCHEDI	11	E OE ALL OR	ENINCS						
	SCHEDULE OF ALL OPENINGS								
All Di	m	ensions are	<u>in mm</u>						
SCH	ΙE	DULE OF DO	<u>ORS</u>						
<u>DOOR</u>		<u>W x H</u>	SILL LEVEL						
D-1		900 x 2000	100						
D-2		800 x 2000	100						
SCHEDULE OF WINDOWS									
WINDOW		<u>W x H</u>	SILL LEVEL						
W-1		800 x 1000	1000						
W-2		-	-						
SCHED	U	LE OF VENTI	LATORS						
VENTILATO	R	<u>W x H</u>	SILL LEVEL						
V-1		450 x 300	2100						
V-2		-	-						

DRAWN BY:

ASSISTANT ENGINEER (PMAY-G)
DIRECTORATE OF COMMUNITY & RURAL DEVELOPMENT,

GENERAL NOTES:

- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED.
- 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED.
 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3
 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PROJECT TITLE:

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

DRAWING NO.1

CONTENTS:

FLOOR PLAN

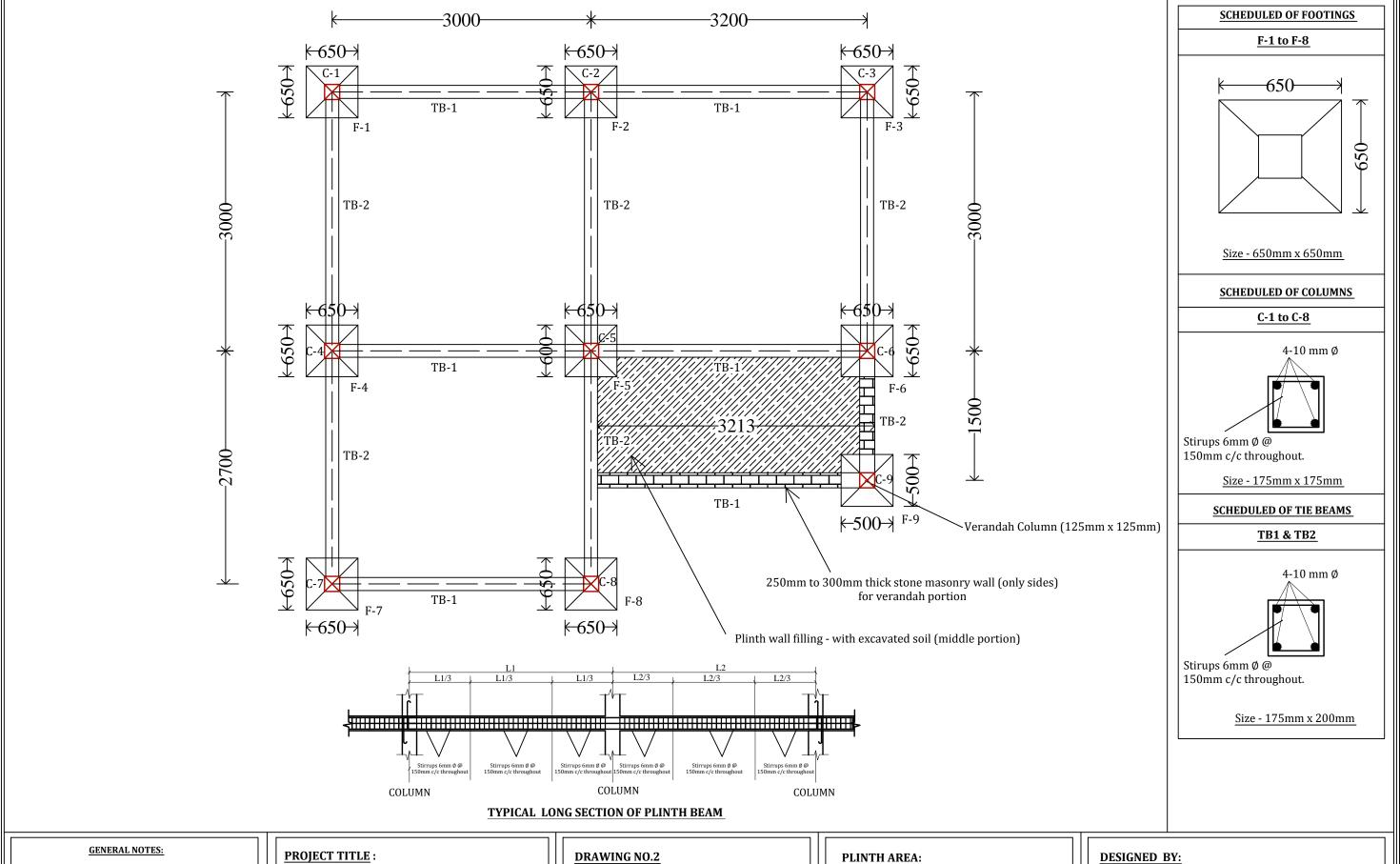
PLINTH AREA:

<u>CARPET AREA</u> - 26.7 sq.m <u>VERANDAH</u> - 4.83 sq.m

TOTAL - 31.53 sq.m (339 sq.ft.)

DESIGNED BY:





- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED.
- 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED. 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3
 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

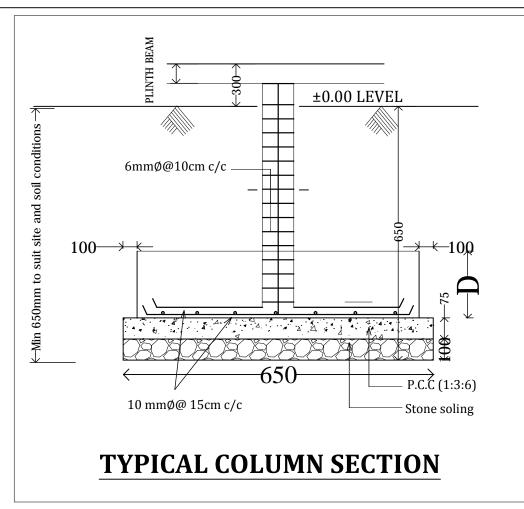
CONTENTS:

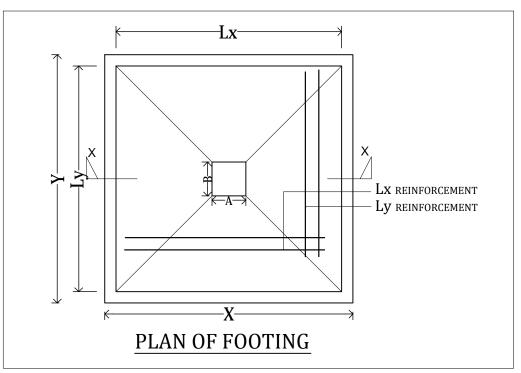
FOOTING LAYOUT PLAN WITH TIE BEAM & COLUMN DETAILS

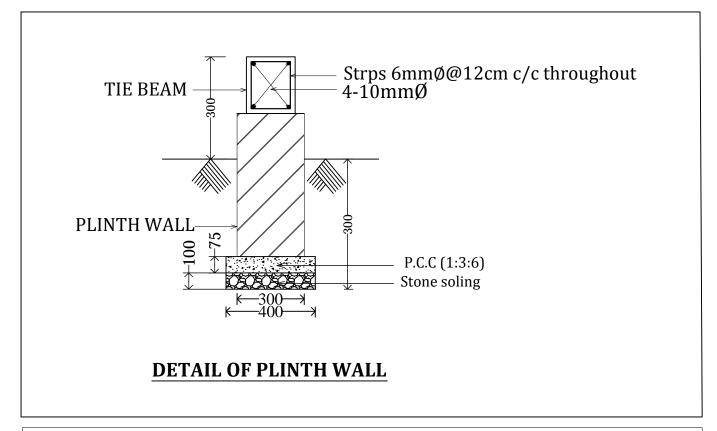
CARPET AREA - 26.7 sq.m VERANDAH - 4.83 sq.m

TOTAL - 31.53 sq.m (339 sq.ft.)









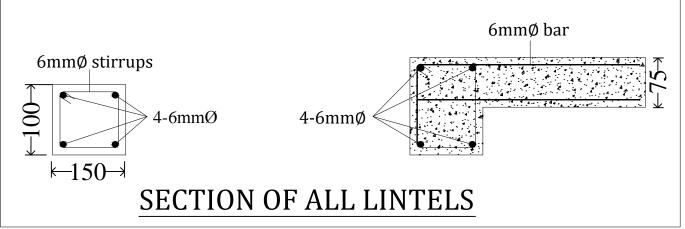


TABLE SHOWING DETAILS OF COLUMN FOOTINGS								
FOOTING NO.	A x B (mm x mm)	D (mm)	X (mm)	Y (mm)	Reinforcement (Jali)			
F-1 upto F-8	175 x 175	300	650	650	6mmØ @ 12 cm c/c			
F-9	125 x 125	300	500	500	-			

GENERAL NOTES:

- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED. 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED.
- 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED.
 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN ADOPTED.
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3
- 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PROJECT TITLE:

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

DRAWING NO.3

CONTENTS:

DETAILS OF FOOTING, TYPICAL COLUMN SECTION, PLINTH WALL & LINTELS

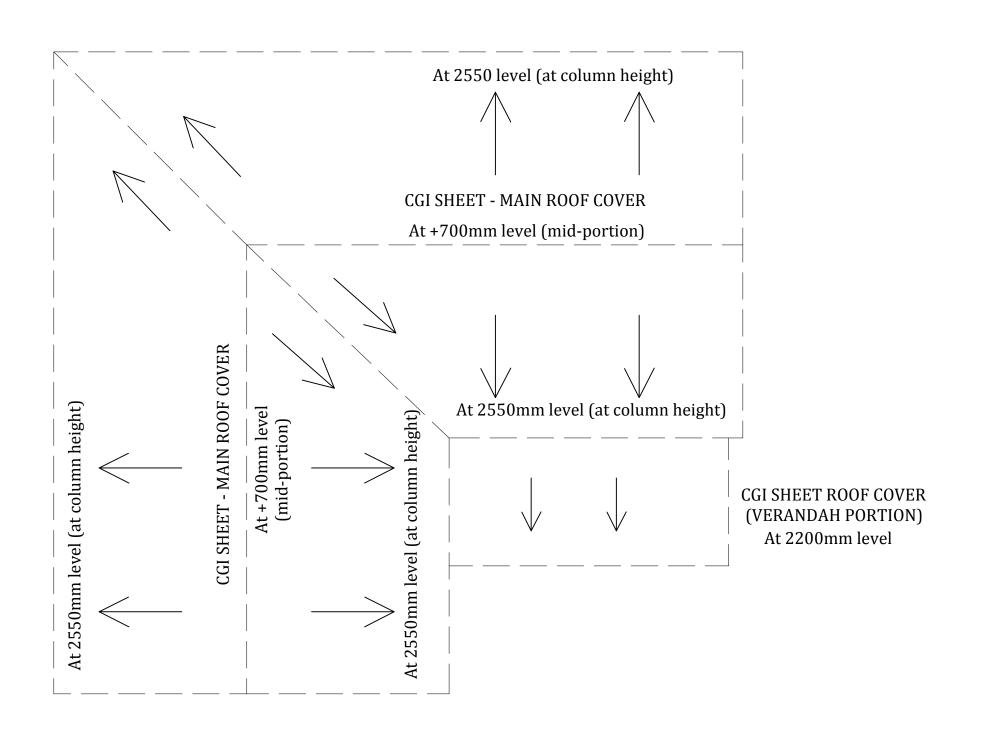
PLINTH AREA:

 $\frac{CARPET\ AREA}{VERANDAH} - 4.83\ sq.m$

TOTAL - 31.53 sq.m (339 sq.ft.)

DESIGNED BY:





SCHEDI	SCHEDULE OF ALL OPENINGS									
All Di	All Dimensions are in mm									
SCH	IEDULE OF DO	ORS								
<u>DOOR</u>	<u>W x H</u>	SILL LEVEL								
D-1	900 x 2000	100								
D-2	800 x 2000	100								
SCHE	SCHEDULE OF WINDOWS									
WINDOW	<u>W x H</u>	SILL LEVEL								
W-1	800 x 1000	1000								
W-2	-	-								
SCHED	ULE OF VENTI	LATORS								
VENTILATO	R WxH	SILL LEVEL								
V-1	450 x 300	2100								
V-2	-	-								

DRAWN BY:

ASSISTANT ENGINEER (PMAY-G)
DIRECTORATE OF COMMUNITY & RURAL DEVELOPMENT,

GENERAL NOTES:

- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED.
- 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED.
 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3
 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PROJECT TITLE:

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

DRAWING NO.4

CONTENTS:

FLOOR PLAN

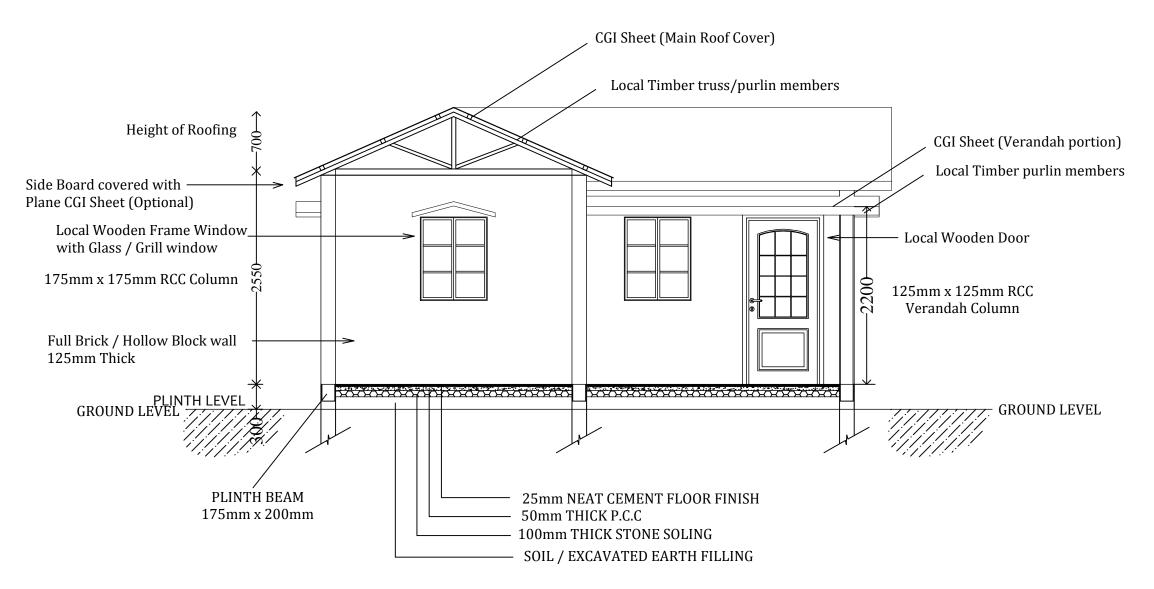
PLINTH AREA:

<u>CARPET AREA</u> - 26.7 sq.m <u>VERANDAH</u> - 4.83 sq.m

TOTAL - 31.53 sq.m (339 sq.ft.)

DESIGNED BY:





SCHEDULE OF ALL OPENINGS							
All Dimensions are in mm							
SCHE	DULE OF DO	<u>ORS</u>					
<u>DOOR</u>	<u>W x H</u>	SILL LEVEL					
D-1	900 x 2000	100					
D-2	800 x 2000	100					
SCHEDULE OF WINDOWS							
WINDOW	<u>W x H</u>	SILL LEVEL					
W-1	800 x 1000	1000					
W-2	-	-					
SCHEDU	LE OF VENTI	LATORS					
VENTILATOR	<u>W x H</u>	SILL LEVEL					
V-1	450 x 300	2100					
V-2	-	-					

GENERAL NOTES:

- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED.
- 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED. 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PROJECT TITLE:

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

DRAWING NO.5

CONTENTS:

FRONT & BACK ELEVATIONS

PLINTH AREA:

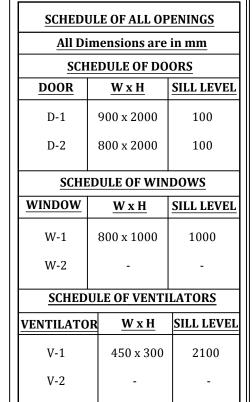
<u>CARPET AREA</u> - 26.7 sq.m <u>VERANDAH</u> - 4.83 sq.m

TOTAL - 31.53 sq.m (339 sq.ft.)

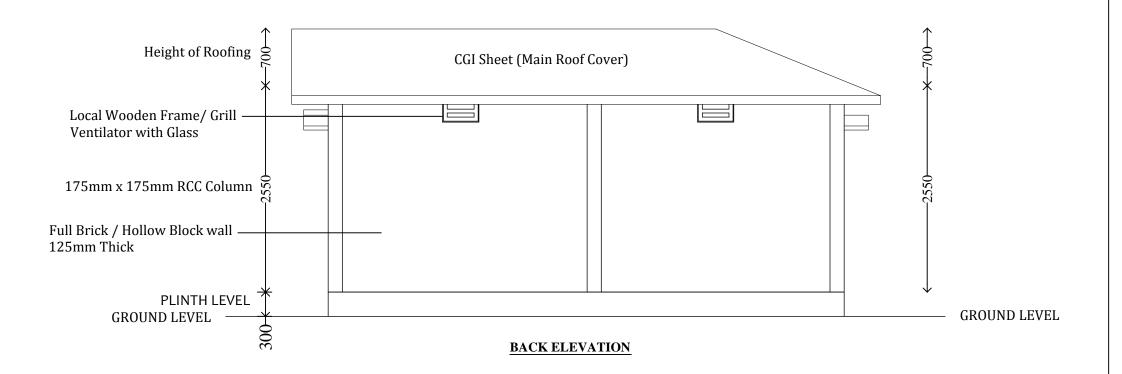
DESIGNED BY:







FRONT ELEVATION



GENERAL NOTES:

- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED.
- 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED.
 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3
- 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PROJECT TITLE:

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

DRAWING NO.6

CONTENTS:

FRONT & BACK ELEVATIONS

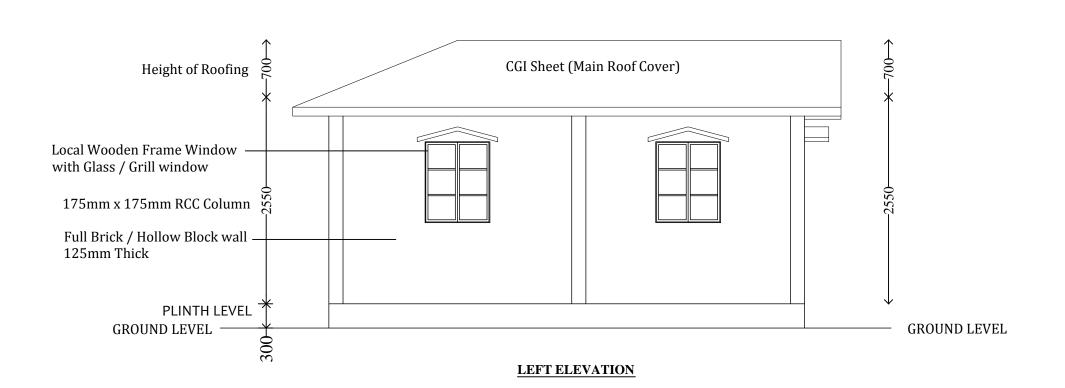
PLINTH AREA:

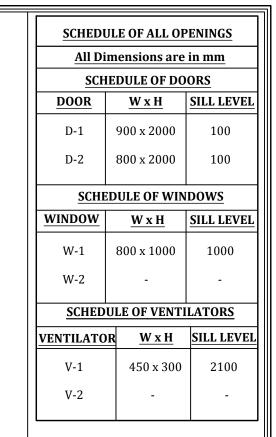
<u>CARPET AREA</u> - 26.7 sq.m <u>VERANDAH</u> - 4.83 sq.m

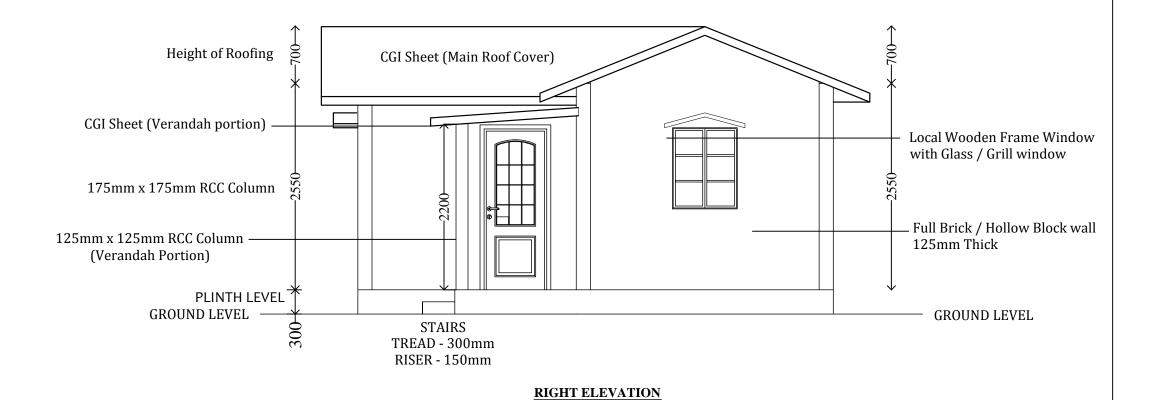
<u>TOTAL</u> - 31.53 sq.m (339 sq.ft.)

DESIGNED BY:









GENERAL NOTES:

- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED.
- 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED.
 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3
- 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PROJECT TITLE:

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

DRAWING NO.7

CONTENTS:

LEFT & RIGHT ELEVATIONS

PLINTH AREA:

<u>CARPET AREA</u> - 26.7 sq.m <u>VERANDAH</u> - 4.83 sq.m

TOTAL - 31.53 sq.m (339 sq.ft.)

DESIGNED BY:

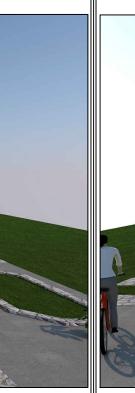






SCHEDULE OF ALL OPENINGS			
All Dimensions are in mm			
SCHEDULE OF DOORS			
DOOR		<u>W x H</u>	SILL LEVEL
D-1		900 x 2000	100
D-2		800 x 2000	100
SCHEDULE OF WINDOWS			
WINDOW	<u>W x H</u>		SILL LEVEL
W-1	800 x 1000		1000
W-2	-		-
SCHEDULE OF VENTILATORS			
VENTILATOR		<u>W x H</u>	SILL LEVEL
V-1		450 x 300	2100
V-2		-	-

FRONT VIEW





REAR VIEW

LEFT VIEW

GENERAL NOTES:

- 1. ALL THE DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE MENTIONED.
 2. STRUCTURAL DRAWINGS ARE NOT TO BE SCALED.
 3. BEARING CAPACITY OF SOIL= 150 KN/SQ.M. HAS BEEN
- 4. CONCRETE MIX SHALL BE M20 i.e. 1:1.5:3
 5. ROOM HEIGHT AT 2.5 2.7 METRES FROM PLINTH LEVEL UPTO CEILING HEIGHT.

PROJECT TITLE:

PMAY-G RURAL HOUSE MODEL NO.2 -THE MAWPHLANG DEMO HOUSE MODEL (APPLICABLE IN ALL DISTRICTS OF MEGHALAYA)

DRAWING NO.8

CONTENTS:

FRONT, REAR, LEFT & RIGHT 3-D VIEWS

PLINTH AREA:

RIGHT VIEW

<u>CARPET AREA</u> - 26.7 sq.m <u>VERANDAH</u> - 4.83 sq.m

<u>TOTAL</u> - 31.53 sq.m (339 sq.ft.)

DESIGNED BY:

