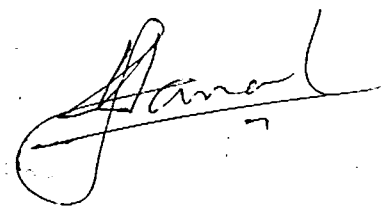


CADTECH ENGINEERING COMPANY
Computer classes, Computer networking, Software designing
Building planning, Estimating and Structural designing
Oruwella junction, Katuneriya.

Reg: 26/1013
Tel: 0777-376748

ESTIMATE TO CONSTRUCTION A FOUNDATION FOR
LADANI

1	10.2 cubes	Excavation for foundation	1,000.00	10,200.00
2	600 kg	Reinforcement in column base and column using 10 mm bars 12 mm bars and 6 mm bars.	98.00	58,800.00
3	3.6 sqs	Column shuttering using 1" thick timber	5,500.00	19,800.00
4	1.2 cubes	1:2:4: (3/4") concreting in column footings	23,000.00	27,600.00
5	0.9 cubes	1:2:4: (3/4") concreting in columns	23,000.00	20,700.00
6	8.91 cubes	6"*9" random rubble foundation using 1:8 cement mortar	8,200.00	73,062.00
7	197 ft	10"*4" plinth beam with side brick walls and using 2 no: of 10 mm bars	140.00	<u>27,580.00</u>
Total				<u><u>237,742.00</u></u>



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ESTIMATE TO CONSTRUCTION A BUILDING FOR
 LADANI.

Ground floor

1	1.2 cubes	Excavation for cup board foundation	1,000.00	1,200.00
2	3.6 sqs	Column shuttering using 1" thick timber	5,500.00	19,800.00
3	0.7 cubes	1:2:4: (3/4") concreting in columns	22,000.00	15,400.00
4	1.76 cubes	6**9" random rubble foundation using 1:8 cement mortar	8,200.00	14,432.00
5	50 ft	10**4" plinth beam with side brick walls and using 2 no: of 10 mm bars	140.00	7,000.00
6	1.25 sqs	4.5" brick work in superstructure for cupboard	4,500.00	5,625.00
7	14.5 sqs	9" thick brick work in supper structure in cement sand mortar 1:8 up to 10 feet	8,400.00	121,800.00
8	24 sqft	Front panelled door 4**3" class 1 timber frame, 1" thick sashes including all necessary brass furniture	700.00	16,800.00
9	36 sqft	Paneled door using, 4**3" class 1 timber frame , 1" thick sashes including all necessary brass furniture	550.00	19,800.00
10	260 sqft	Glazed window using 3**4" class 1 timber frame , 3/4" thick sashes and including fixing glasses with all necessary fittings.	685.00	178,100.00
11	50 ft	9**9" concrete beams using 4 no: of 12 mm bars and including shuttering	400.00	20,000.00
12	2 sqs	staircase shuttering using 1" thick timber	5,500.00	11,000.00
13	240 kg	staircase reinforcement using 10mm and 12mm bars	98.00	23,520.00
14	0.68 cubes	staircase concreting using 1:2:4(3/4") concrete	26,000.00	17,680.00
15	22.25 sqs	1" thick slab and beam shuttering	5,500.00	122,375.00
16	1900 kg	slab and beam reinforcement using 16mm, 12mm, 10mm, 8mm and 6mm bars	98.00	186,200.00
17	7.36 cubes	slab and beam concreting using 1:2:4(3/4") concrete	26,000.00	191,360.00
18	1.2 no:s	Reinforced concrete on cupboard with shuttering	30,000.00	36,000.00
19	19.85 sqs	slab and beam soffit using 1:3 cement sand motar finished smooth with lime putty	5,000.00	99,250.00
20	33 sqs	Internal plaster using 1:1:5 cement limemortar finished smooth withlime putty	2,700.00	89,100.00
21	2.6 sqs	1:3 plaster on bathroom walls	2,700.00	7,020.00
22	28 sqs	External plaster using 1:1:5 cement lime mortar finished sami rough	2,500.00	70,000.00
23	8 cubes	foundation filing using selected material (materials available at the site)	750.00	6,000.00
24	13.3 sqs	cement rendering finished smooth with cement putty	2,700.00	35,910.00
25	200 sqs	skirting 4" hight using 1:3 cement sand mortar finished smooth with lime putty	13.50	2,700.00
26	2.5 sqs	plith plastering using 1:3 cement sand mortar finished smooth with lime putty	2,700.00	6,750.00
27	1 no.s	plumbing inside the bathrooms	7,000.00	7,000.00
28	150 sqft	4**4" bath room wall tiling	140.00	21,000.00

29	170 ft	2.5' wide pavements brick laying and cement rendering finished smooth with cement putty	300.00	51,000.00
30	10.6 sqs	2" thick 1:3:6 (1 1/2") cement concrete on floors	3,700.00	39,220.00
31	45 sqft	floor tiles embeded on bathroöms	140.00	6,300.00
32	1 no:s	supplying and fixing bathroom set commod, wash basin and bedet and otheraccessories with mirror	75,000.00	75,000.00

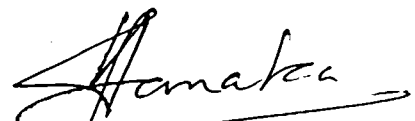
Sub total 1,524,342.00

upstair

1	3.6 sqs	column shuttering using 1" thick timber	5,500.00	19,800.00
2	180 kg	column reinforcement using 12mm and 6 mm bars	98.00	17,640.00
3	0.7 cubes	column concreting using 1:2:4:(3/4") concrete	26,000.00	18,200.00
4	24 sqft	Front door using, 4"*3" class 1 timber feame , 1" thick sashes including all necessary brass furniture	700.00	16,800.00
5	352 sqft	Glazed window using 3"*4" class 1 timber frame , 3/4" thick sashes and including fixing glasses with all necessary fitings.	685.00	241,120.00
6	24.3 sqs	9" brick work up to roof level in cement mortar 1:8	8,850.00	215,055.00
7	160 ft	tie beam using 2 no of 10 mm bars and 1:2:4:(3/4") concrete	160.00	25,600.00
8	6 nos	Roof trusses	35,000.00	210,000.00
9	18.7 sqs	Tile roof using 2"*6" ridge plates , 3"*5" purlins, 2"*4" wall plates, 2"*4" coconut refters, reapers, placing tiles and completing riding	10,500.00	196,350.00
10	16.25 sqs	asbestos ceiling using 2"*4" rafters, 2"*2" reepers with 2"*2' sheet blocks	9,300.00	151,125.00
11	180 ft	valence board 10" hight using ginisapu	145.00	26,100.00
12	16 sqs	Internal plaster using 1:1:5 cement limemortar finished smooth withlime putty	3,000.00	48,000.00
13	17 sqs	External plaster using 1:1:5 cement lime mortar finished sami rough	2,800.00	47,600.00
14	160 ft	skirting 4" hight using 1:3 cement sand mortar finished smooth with lime putty	14.00	2,240.00
15	16.25 sqs	cement rendering 1:3, finished smooth with cement putty	3,000.00	48,750.00
16	30 ft	Beeralu hand rail	350.00	10,500.00
17	item	electricity (bulb=2, plug=10, 15A plug 3)	sum	30,000.00

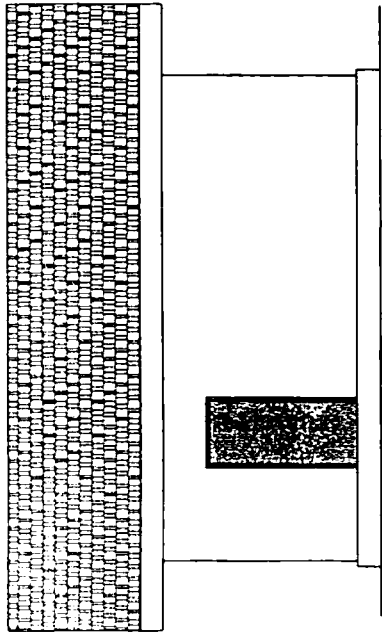
Sub total 1,324,880.00

Grand total 2,849,222.00

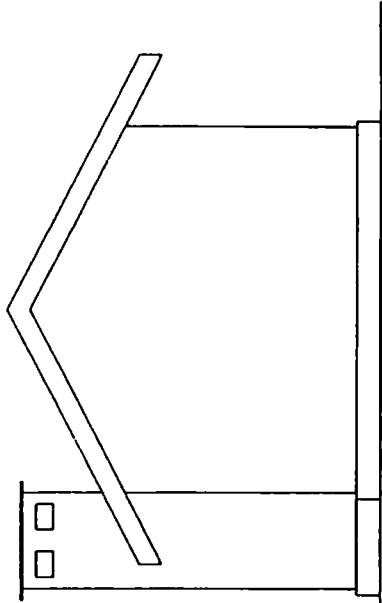

W. A. A. J. FERNANDO
 CADTECH ENGINEERING COMPANY
 ORUWELLA, KATUNERUVA
 KATUNERUVA

Sr. Monica

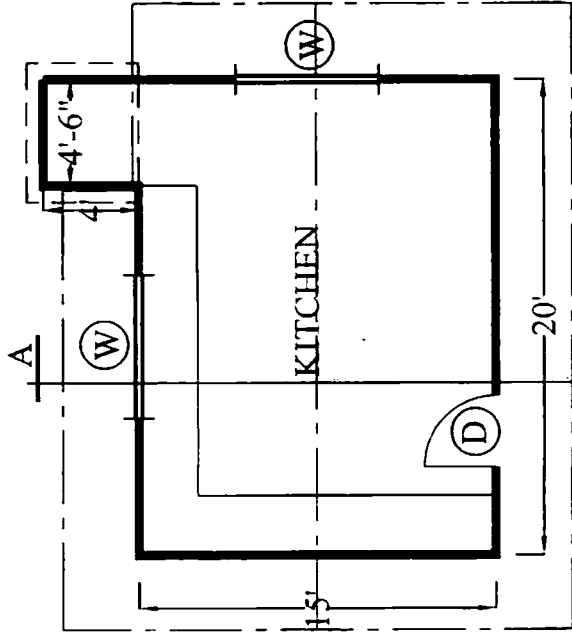
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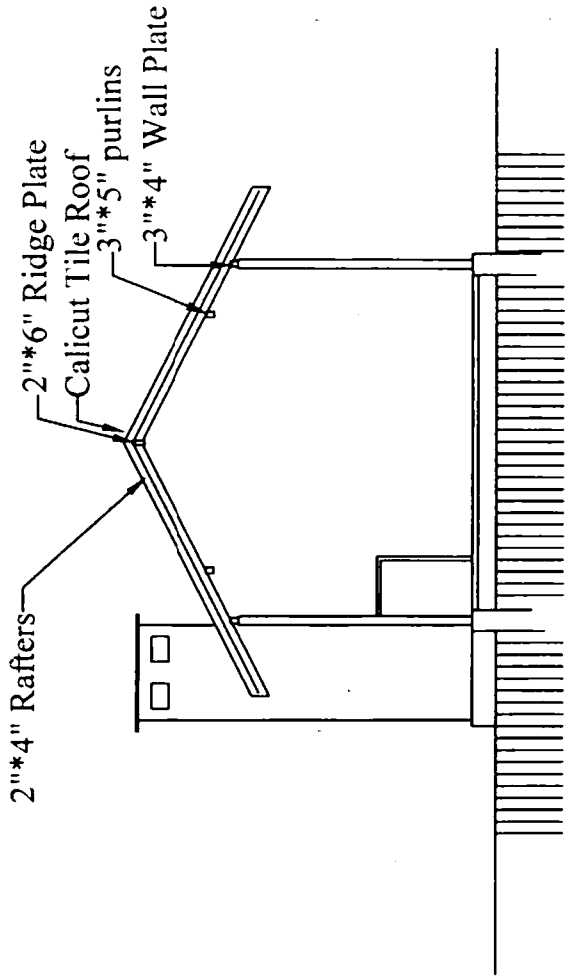
ELEVATION



SIDE ELEVATION



PLAN



SECTION A-A

SCALE: 8 FT TO AN INCH

PROPOSED KITCHEN FOR LADANI

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ESTIMATE FOR
LADANI KITCHEN

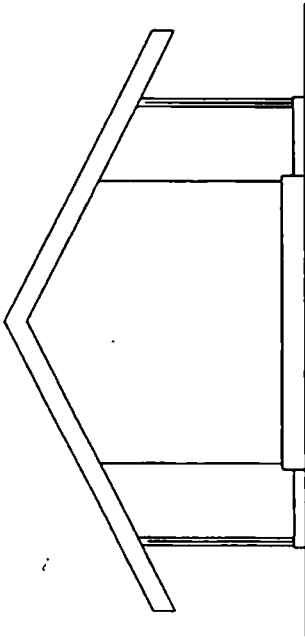
1	3.3 cubes	Excavation for foundation	1,000.00	3,300.00
2	3.71 cubes	6"*9" random rubble foundation using 1:8 cement mortar	8,100.00	30,051.00
3	82.5 ft	10"*4" plinth beam with side brick walls and using 2 no: of 10 mm bars	140.00	11,550.00
4	8.04 sqs	4 1/2" thick brick work in supper structure in cement sand mortar 1:8 up to 10 feet	4,400.00	35,376.00
5	21 sqft	Paneled door using, 4"*3" class 1 timber frame , 1" thick sashes including all necessary brass furniture	500.00	10,500.00
6	60 sqft	Glazed window using 3"*4" class 1 timber frame , 3/4" thick sashes and including fixing glasses with all necessary fittings.	600.00	36,000.00
7	78.5 ft	Tie beam using 2 no:s 10mm bars (1:2:4(3/4") concrete)	140.00	10,990.00
8	6 ft	9"*9" concrete beams using 4 no: of 12 mm bars and	400.00	2,400.00
9	20 sqft	3" thick reinforced concrete for chimini including shuttering	200.00	4,000.00
10	35 sqft	3" thick reinforced concrete for chimini top slab including shuttering	250.00	8,750.00
11	6.5 sqs	Tile roof (without ceiling) using 2"*6" ridge plates , 3"*5" purlins, 2"*4" wall plates, 2"*4" coconut refters, reapers, placing calicut patten tiles and completing ridging.	10,500.00	68,250.00
12	8.6 sqs	Internal plaster using 1:1:5 cement limemortar finished smooth withlime putty	2,700.00	23,220.00
13	8 sqs	External plaster using 1:1:5 cement limemortar finished semi rough	2,400.00	19,200.00
14	1.5 cubes	foundation filing using selected material (materials available at the site)	700.00	1,050.00
15	3.16 sqs	2" thick 1:3:6 (1 1/2") cement concrete on floors	3,700.00	11,692.00
16	3.16 sqs	cement rendering finished smooth with cement putty	2,700.00	8,532.00
17	68 sqs	skirting 4" hight using 1:3 cement sand mortar finished smooth with lime putty	13.00	884.00
18	100 ft	valence board 10" hight using ginisapu	135.00	13,500.00
19	1 sqs	plith plastering using 1:3 cement sand mortar finished smooth with lime putty	2,700.00	2,700.00
20	80 ft	2'6" wide pavement	350.00	28,000.00
21	allow	Electricity bulb point=2, 15amp plug 1, 5amp plug 2		5,500.00
22	1 nos	Supplying and fixing aluminium sink	3,500.00	3,500.00
23	60 sqft	2" concrete slab for cupboards	180.00	10,800.00
24	36 sqft	4 1/2" wall supports with plastering	98.00	3,528.00
25	120 sqft	12"x12" tilling for slab and wall	140.00	16,800.00
26	Item	Waste water tank 4' dia and 6' depth	allow	8,000.00

Total

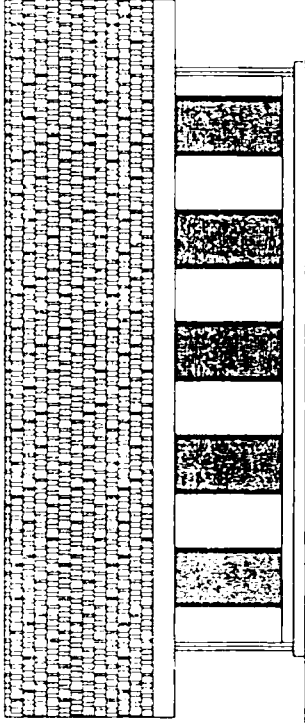
378,073.00

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Sr. Monica Fernando
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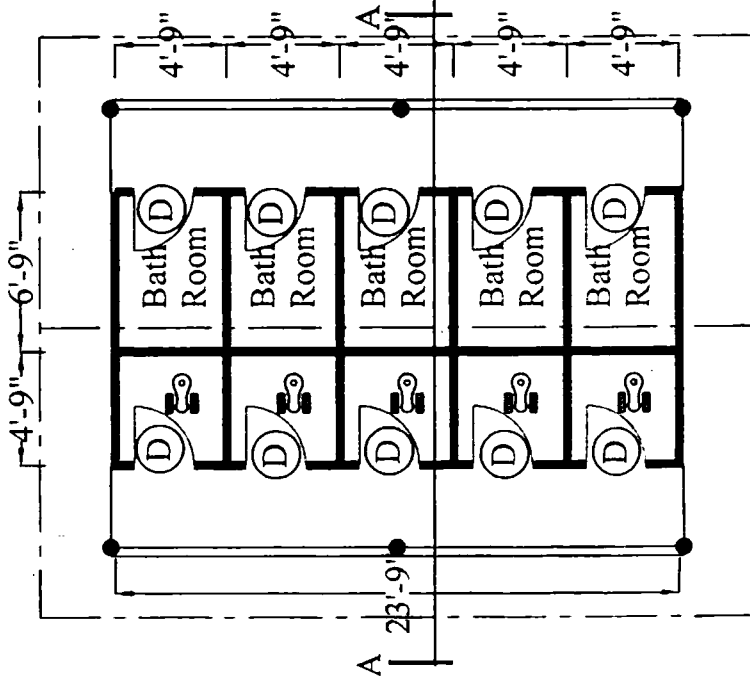
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ELEVATION



SIDE ELEVATION



PLAN

**PROPOSED BATH ROOMS
AND TOILETS
FOR LADANI**

CADTECH ENGINEERING COMPANY
Computer classes, Computer networking, Software designing
Building planning, Estimating and Structural designing
Oruwella junction, Katuneriya.

Reg: 26/1013
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ESTIMATE FOR
LADANI BATHROOMS

1	7.1 cubes	Excavation for foundation	1,000.00	7,100.00
2	8.12 cubes	6"*9" random rubble foundation using 1:8 cement mortar	8,100.00	65,772.00
3	203 ft	10"*4" plinth beam with side brick walls and using 2 no: of 10 mm bars	140.00	28,420.00
4	11.56 sqs	4 1/2" thick brick work in supper structure in cement sand mortar 1:8 up to 10 feet	4,400.00	50,864.00
5	163 sqft	Paneled door using, 4"*3" class 1 timber frame , 1" thick sashes including all necessary brass furniture	500.00	81,500.00
6	140 ft	Tie beam using 2 no:s 10mm bars (1:2:4(3/4") concrete)	140.00	19,600.00
7	6 nos	Concrete columns 7 ft height	2,000.00	12,000.00
8	8.3 sqs	Tile roof (without ceiling) using 2"*6" ridge plates , 3"*5" purlins, 2"*4" wall plates, 2"*4"coconut refters, reapers, placing calicut patten tiles and completing ridging.	10,500.00	87,150.00
9	15.6 sqs	1:3 plaster on bath room and toilet walls finished smooth withlime putty	2,700.00	42,120.00
10	6.5 sqs	External plaster using 1:1:5 cement limemortar finished semi rough	2,400.00	15,600.00
11	1.5 cubes	foundation filing using selected matierial (materials available at the site)	700.00	1,050.00
12	4.3 sqs	2" thick 1:3:6 (1 1/2") cement concrete on floors	3,700.00	15,910.00
13	840 sqft	Wall tilling, toilet upto 3' height and bath room upto 6' height	130.00	109,200.00
14	250 sqft	Floor tilling in toilet and bath room	130.00	32,500.00
15	2 sqs	cement rendering finished smooth with cement putty	2,700.00	5,400.00
16	46 sqs	skirting 4" hight using 1:3 cement sand mortar finished smooth with lime putty	13.00	598.00
17	114 ft	valence board 10" hight using ginisapu	135.00	15,390.00
18	1 sqs	plith plastering using 1:3 cement sand mortar finished smooth with lime putty	2,700.00	2,700.00
19	5 nos	Supplying and fixing scotting pan	1,000.00	5,000.00
20	5 nos	Supplying and fixing shower for bath room	600.00	3,000.00
21	10 nos	Supplying and fixing tap for bath room and toilet	450.00	4,500.00
22	allow	plumbing	sum	4,000.00
23	14 nos	Electricity bulb points	600.00	
24	Item	Septic tank (size 12'x6'x8')	allow	58,000.00
25	Item	Waste water tank 4' dia x 8' depth	allow	8,000.00
Total				675,374.00

Sr. Monica Fernando

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SUMMARY

Foundation	Rs:	237742.00	=	1901,94	} 246957
Ground floor	Rs:	1524342.00	=	12 134,74	
Upstairs	Rs:	1324880.00	=	10 533,01	
Kitchen	Rs:	378073.00	=	30 24,59	
Bath rooms	Rs:	675374.00	=	54 63,00	
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Total	Rs:	4140411.00		33 123,00	
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