

# **Estimating & Costing -1**

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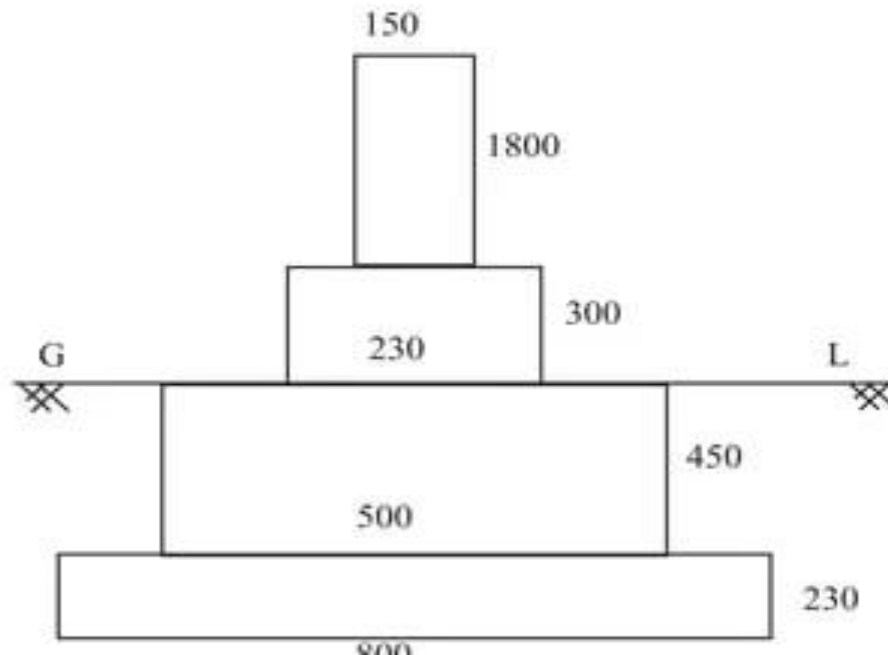
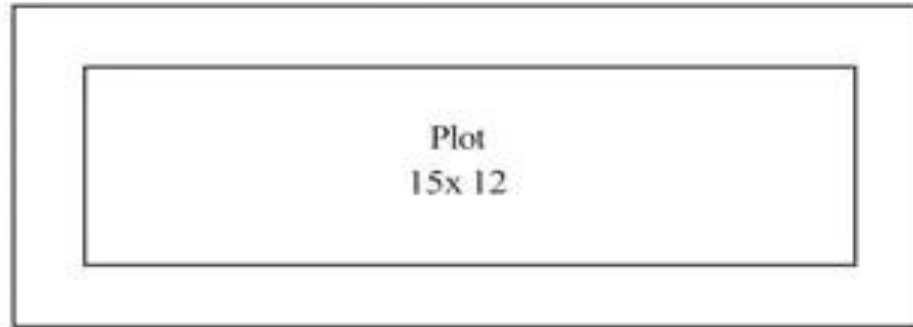
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*Detail & Abstract Estimates of Buildings*

**Example 8:-** From the given figure below calculate the details estimate for the Compound Wall

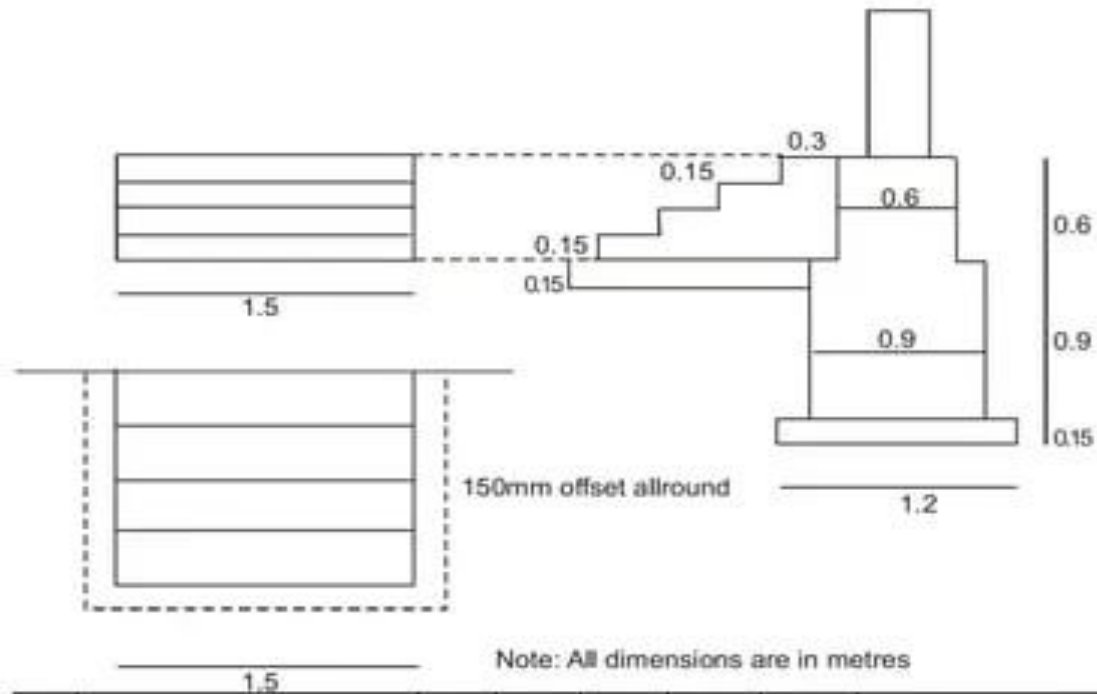


*Estimation and Costing*

S.No.	Particulars of Items	No.	L	B	H	Q	Explanation
1	Earth work excavation for foundation  15.15 <div style="border: 1px solid black; width: 100px; height: 40px; margin: 10px auto; text-align: center;">12.15</div>  Total Centerline length = 2(15.15+12.15)=54.6	1	54.6	0.80	0.68	29.7	m <sup>3</sup>
2.	C.C.(1:4:8) for foundation	1	54.6	0.80	0.23	10.04	m <sup>3</sup>
3.	First class brick work in CM(1:6) in foundation						
	a) footing	1	54.6	0.5	0.45	12.28	
	b) Basement	1	54.6	0.23	0.3	3.76	
					Total	<b>16.04</b>	m <sup>3</sup>
4.	D.P.C.with C.C.(1:1½:3) 25mmth	1	54.6	0.23	---	12.56	m <sup>2</sup>
5.	a) First Class B.M. in CM(1:6) for wall in super structure	1	54.6	0.15	1.8	14.74	
	b) Brick pillar @3cm c/c	14	0.23	0.23	1.8	1.33	
	Deduction 150mm th wall	14	0.15	0.23	1.8	-0.87	
					Total	<b>15.2</b>	m <sup>3</sup>

**Detail & Abstract Estimates of Buildings**

**Example 9:-** Estimation of basement steps (one way)



S.No.	Particulars of Items	No.	L	B	H	Q	Explanation
1	Earth work excavation for foundation	1	1.8	1.35	0.15	0.360	$m^3$
2.	C.C.(1:4:8) bed for foundation	1	1.8	1.35	0.15	0.360	$m^3$
3.	1st class BM in CM(1:4)						
	a) 1st step	1	1.5	1.20	0.15	0.27	
	b) 2nd Step	1	1.5	0.90	0.15	0.27	
	c) 3rd Step	1	1.5	0.60	0.15	0.13	
	d) 4th step	1	1.5	0.30	0.15	0.06	
						<b>0.72</b>	$m^3$