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these thumb rules are general guidelines based on experience and can provide quick estimates for various aspects of construction however it s important to note that thumb rules may not be precise and should be used cautiously here are a few commonly used thumb rules

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this document provides 9 thumb rules that are commonly used by civil engineers for quick estimations in construction projects some key thumb rules include 1 excavation quantity is estimated to be 3 times the footing concrete quantity 2 concrete volume is estimated to be 0 038m3 per square foot of plan area

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some key thumb rules include estimating concrete volume at 0 038 m3 per square foot of area and steel quantity as 4 5 5 5 kg per square foot for residential and commercial buildings

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