



# Building Drawing

Chap No. 6, Basics of Engineering Drawing by  
Z.A. Siddiqi

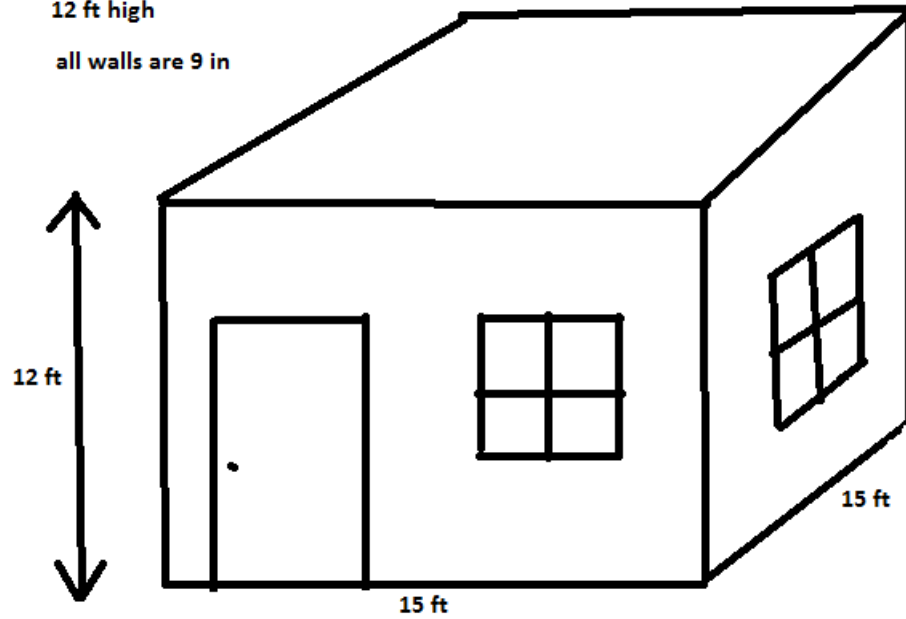
Prepared by:  
Muhammad Umar  
3<sup>rd</sup> year, session 2014  
Civil Engineering Dept UET LHR

# Plan:

## Plan of the Building

Room 15 by 15 ft  
12 ft high

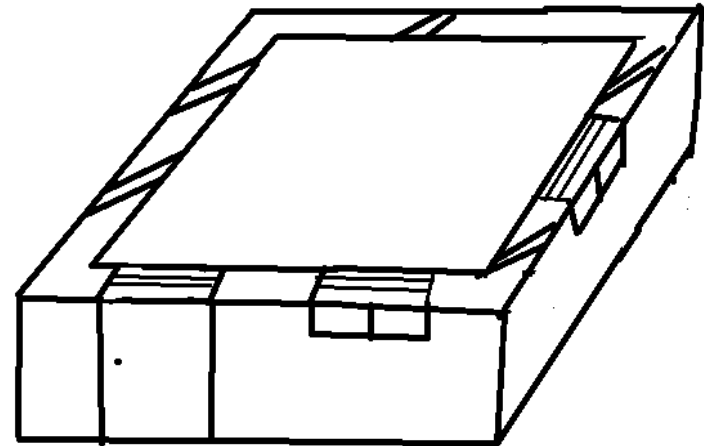
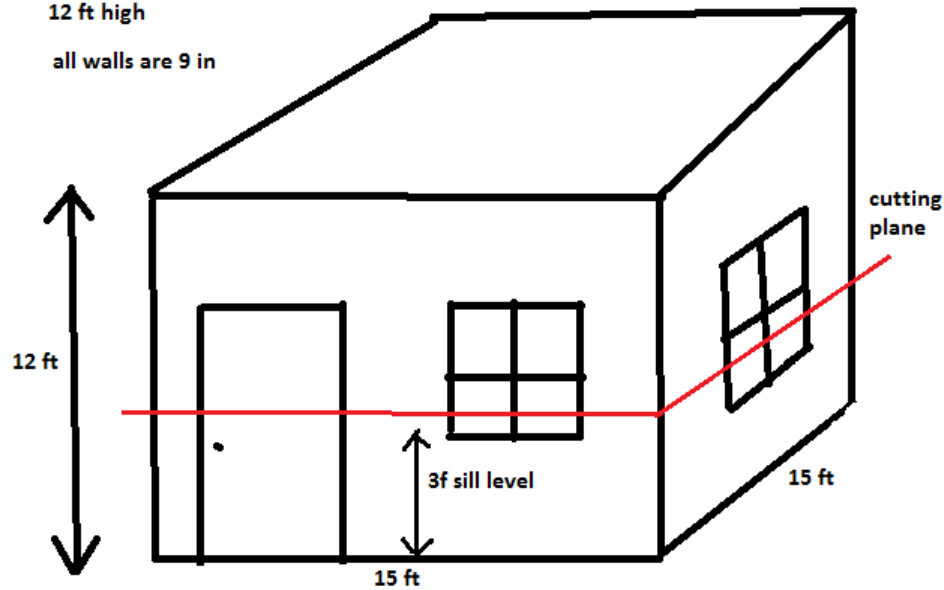
all walls are 9 in



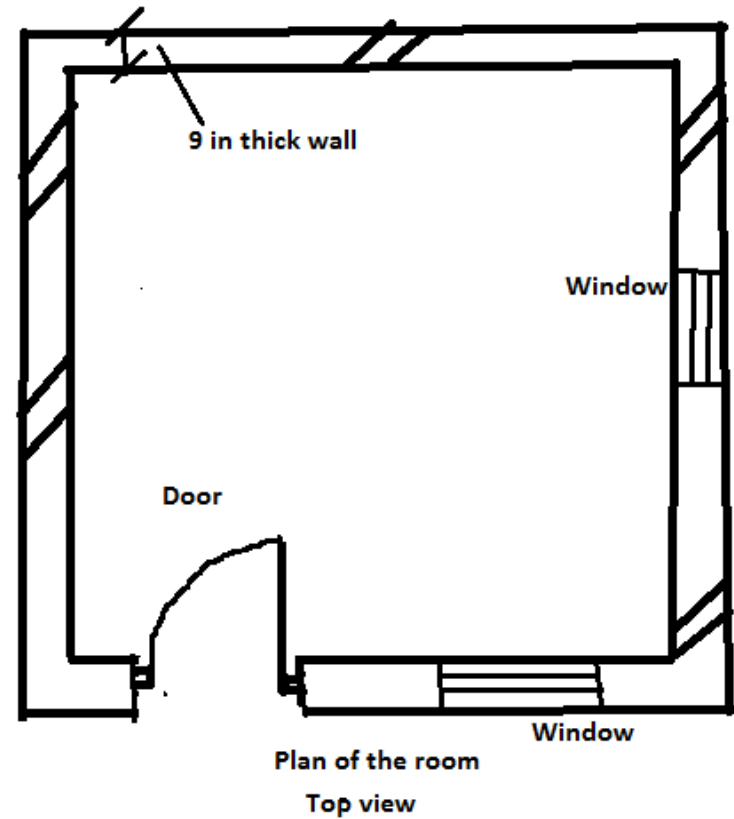
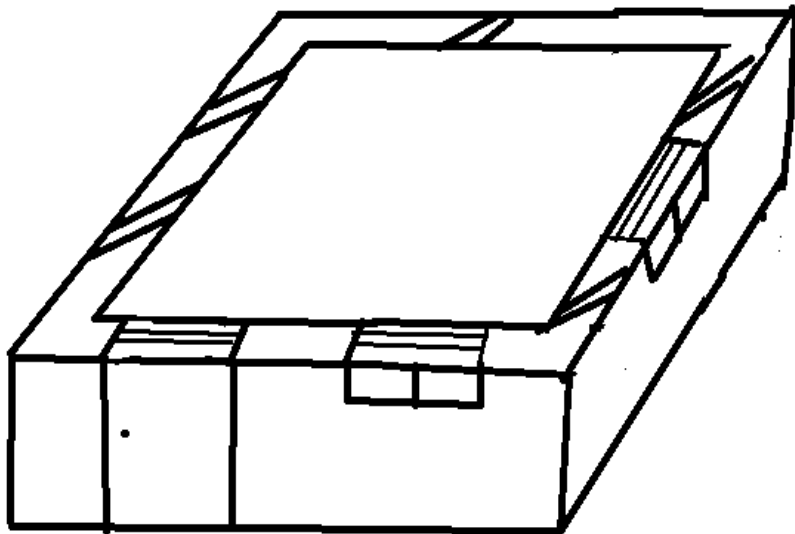
A cutting plane is introduced just above the sill level and upper portion of room above the cutting plane is removed

### Plan of the Building

Room 15 by 15 ft  
12 ft high  
all walls are 9 in



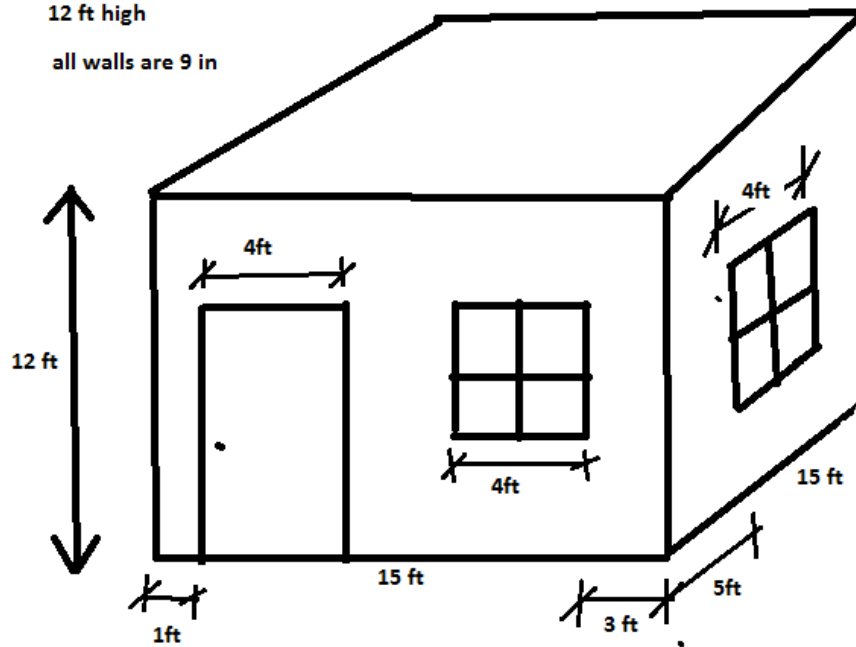
In plan ,the cutting plane is **horizontal** and the view is **top view**



# Section:

## Section of the Building

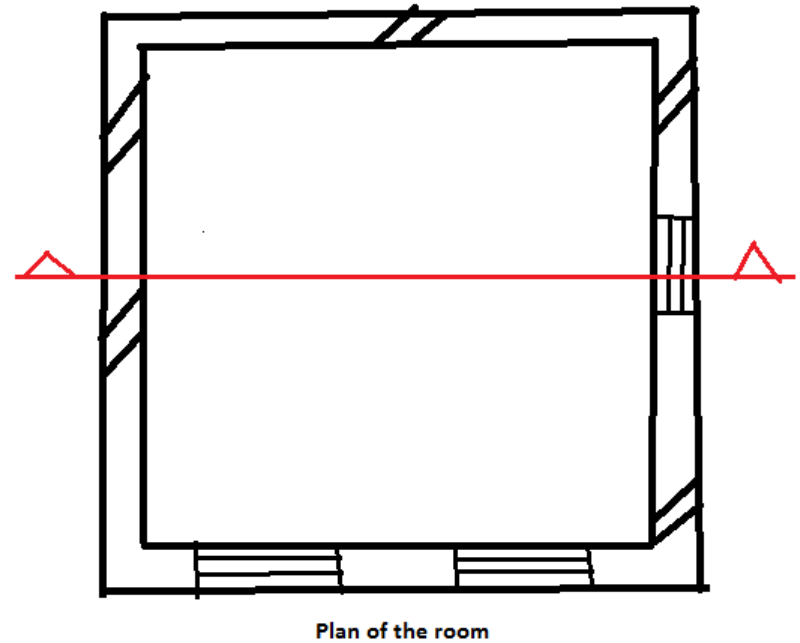
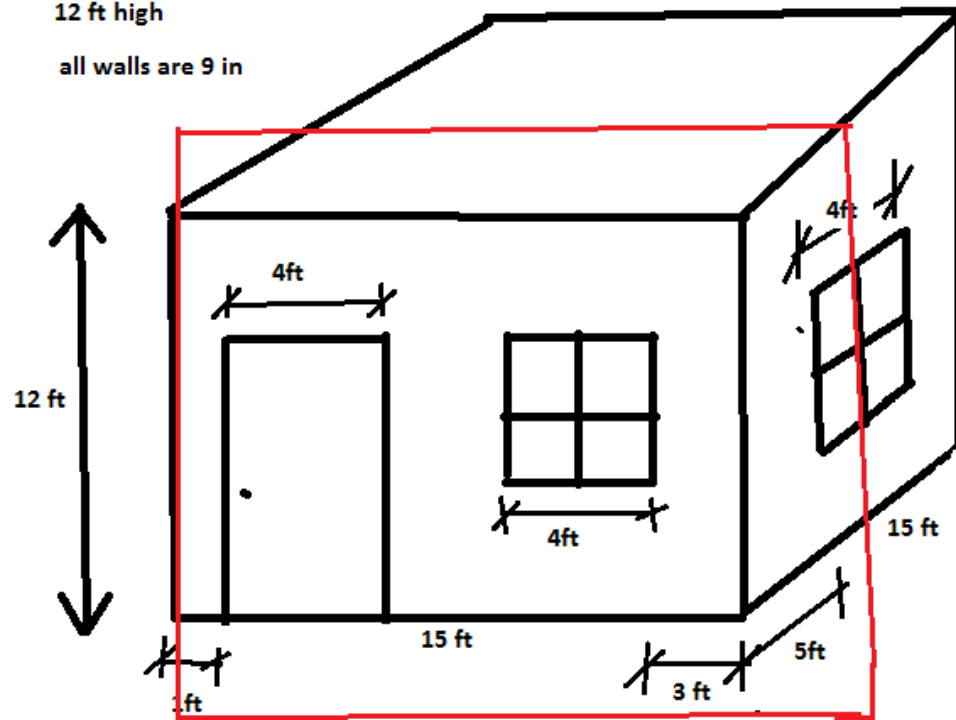
Room 15 by 15 ft  
12 ft high  
all walls are 9 in



A vertical cutting plane is introduced

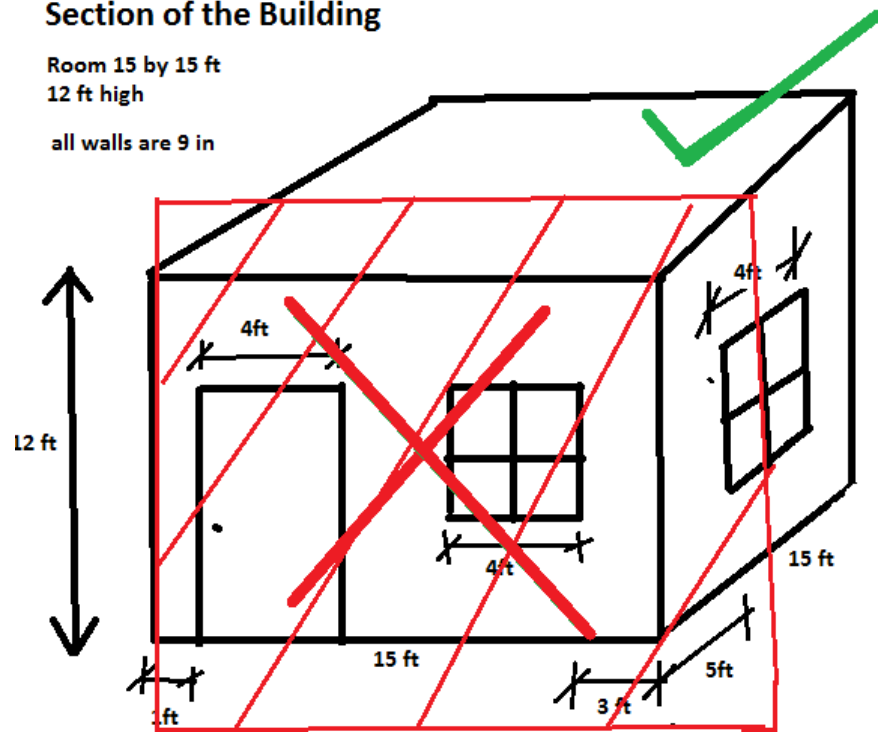
### Section of the Building

Room 15 by 15 ft  
12 ft high  
all walls are 9 in

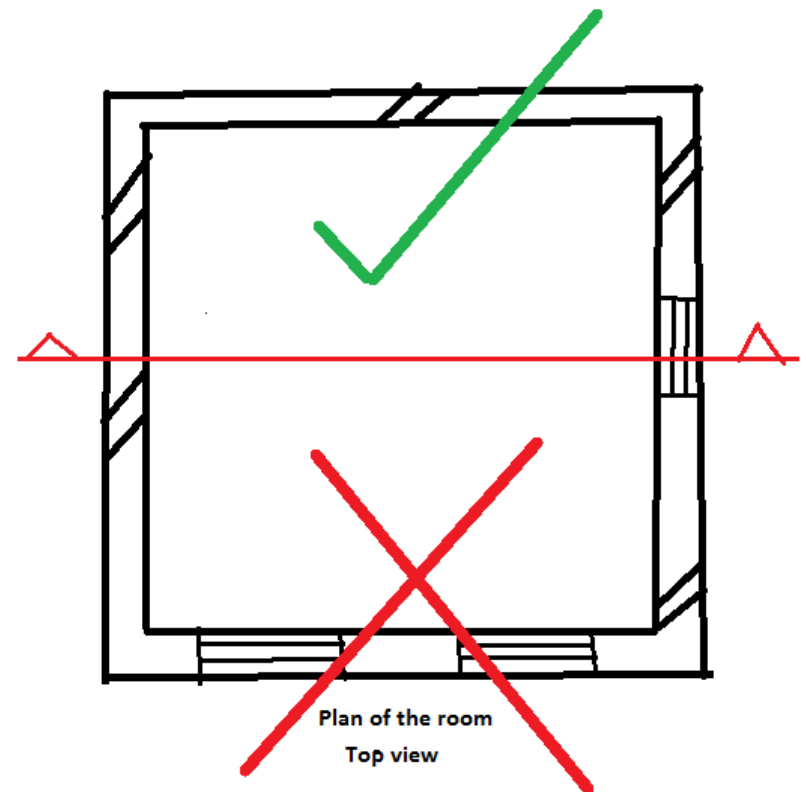


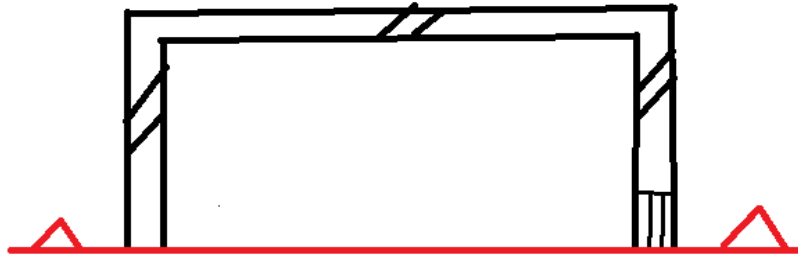
### Section of the Building

Room 15 by 15 ft  
12 ft high  
all walls are 9 in



Section will be drawn for this portion of room

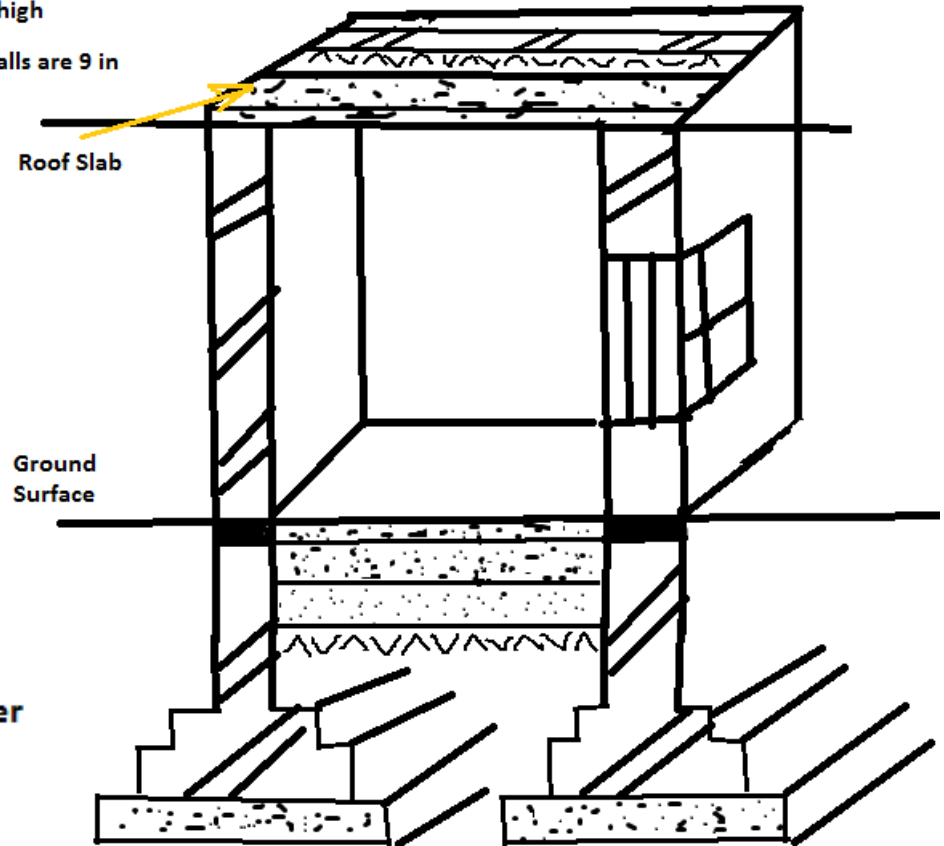




1.5 in PCC(1:2:4) floor finish over  
 4 in PCC (1:4:8) over  
 4 in sand cushion over  
 well compacted earth

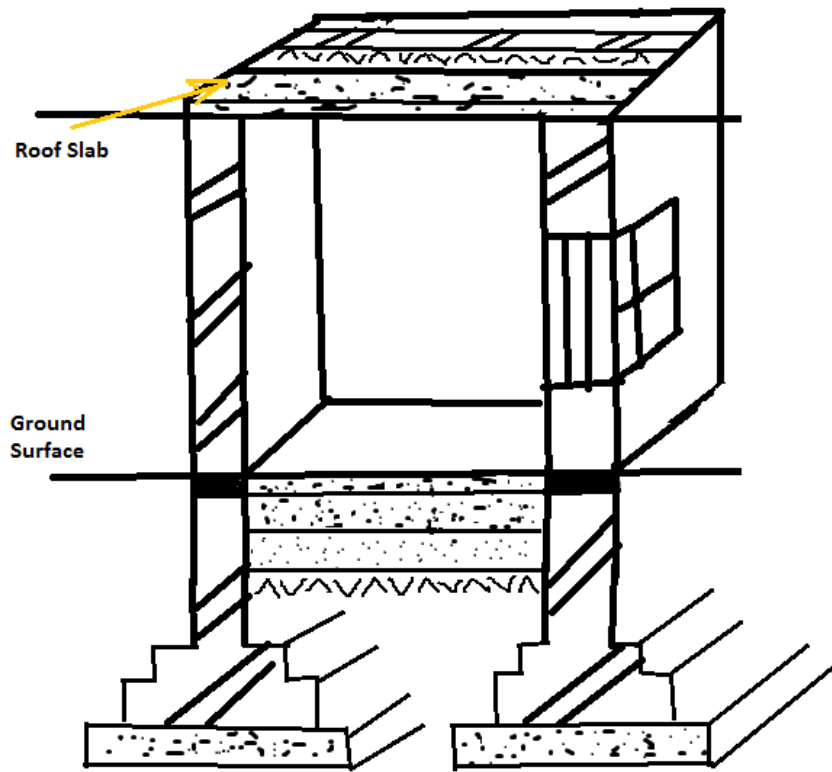
**Section of the Building**

Room 15 by 15 ft  
 12 ft high  
 all walls are 9 in

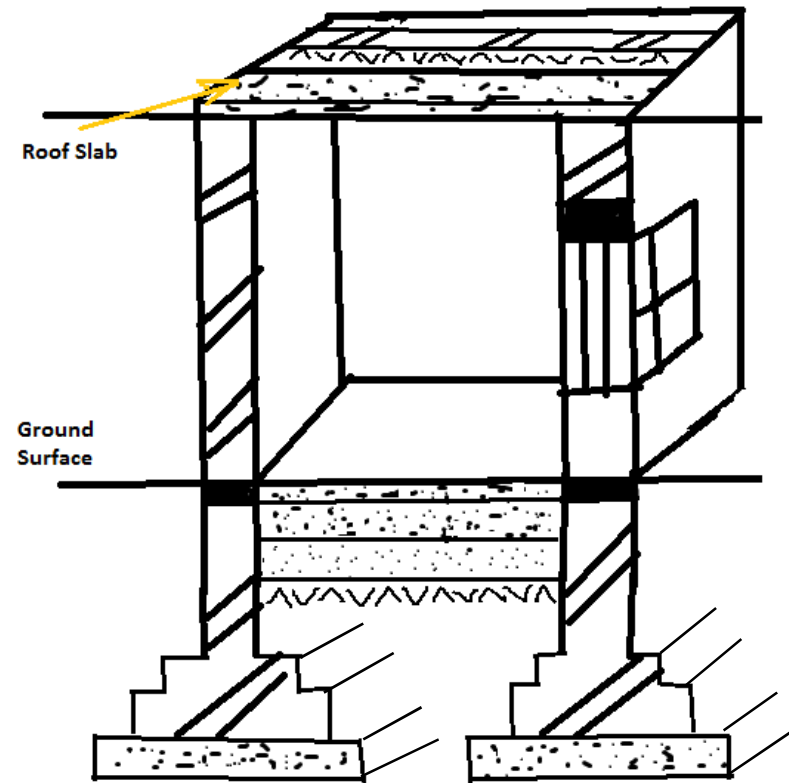
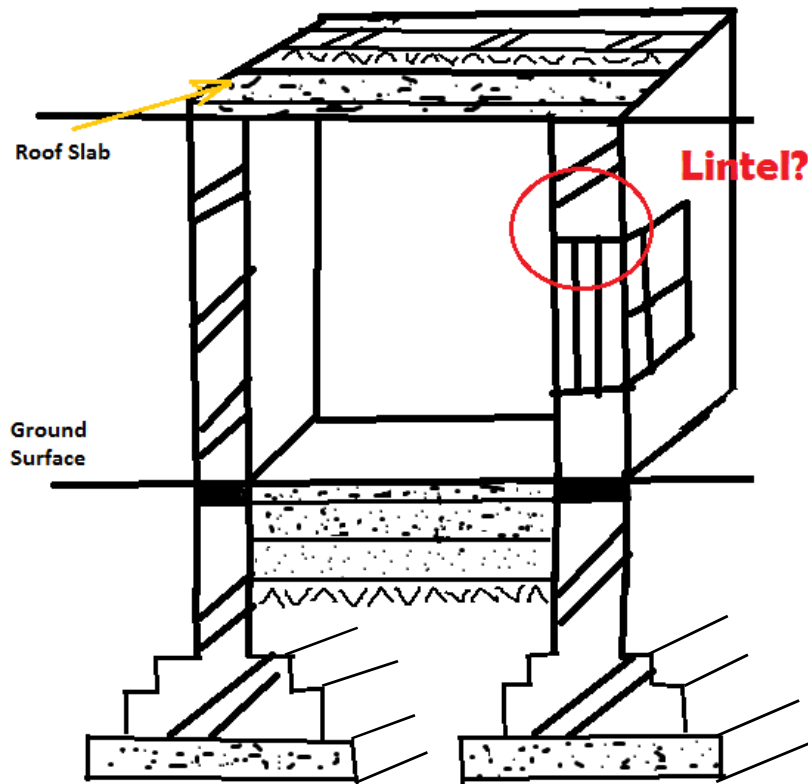


1.5 in thick brick tiles laid in 1:3 c/s  
 mortar over  
 1 in thick properly sloped mud plaster  
 3 in thick earth insulation  
 polythene sheet  
 2 coats of hot bitumen  
 RCC slab

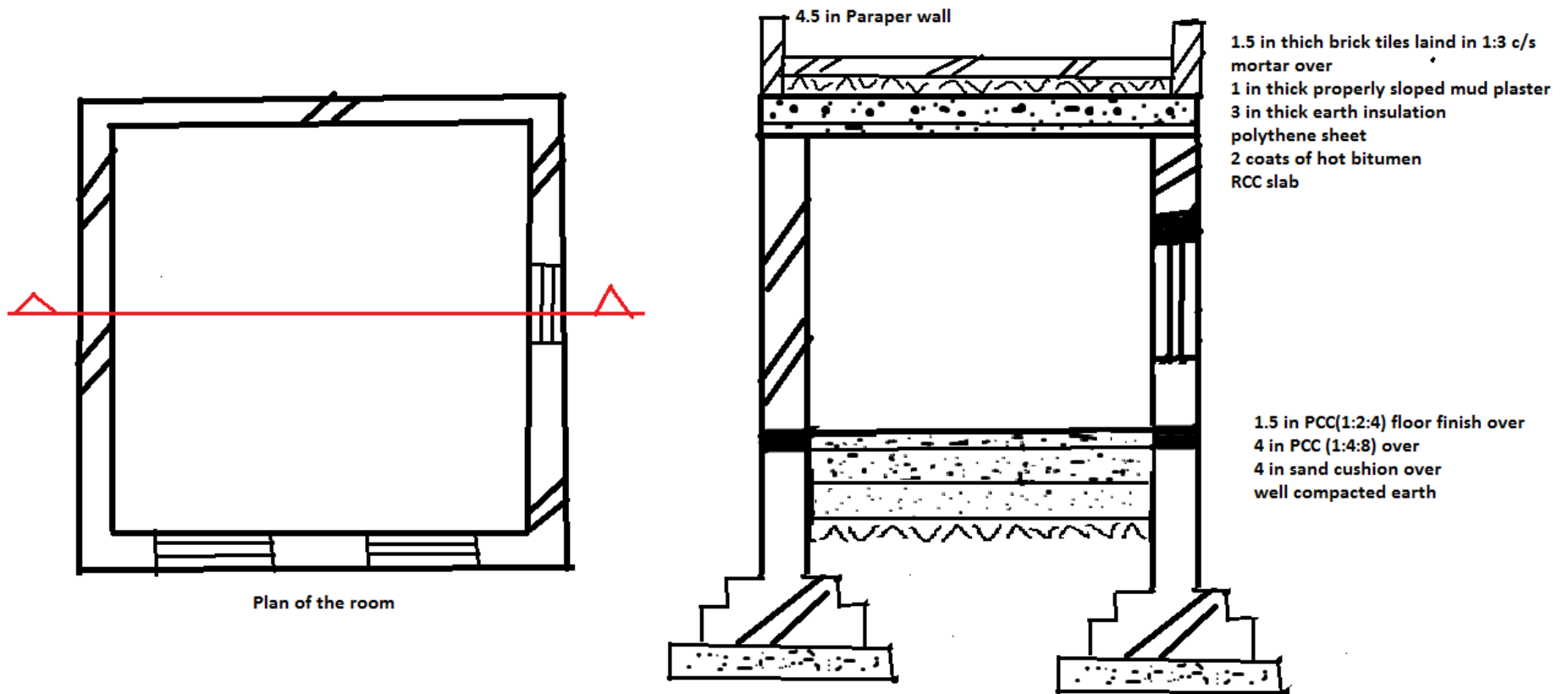




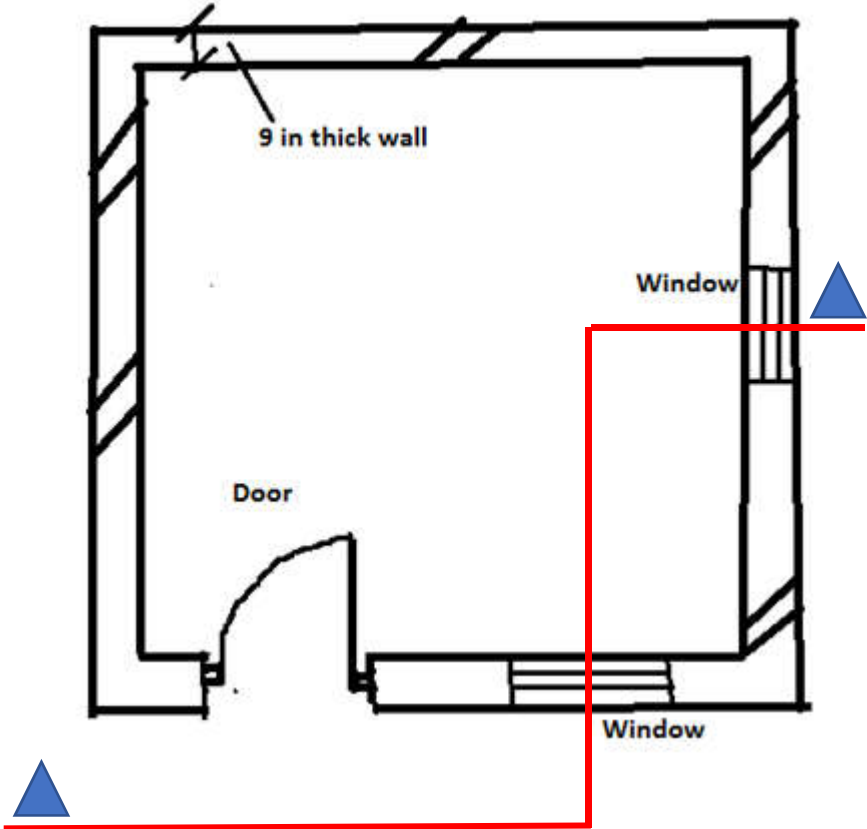
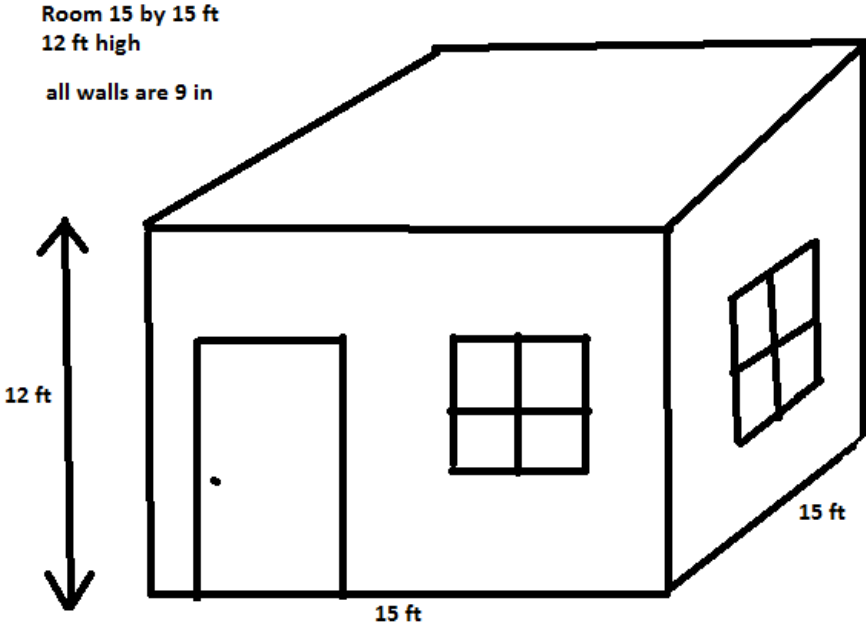
**one mistake here  
Can anybody point out?**

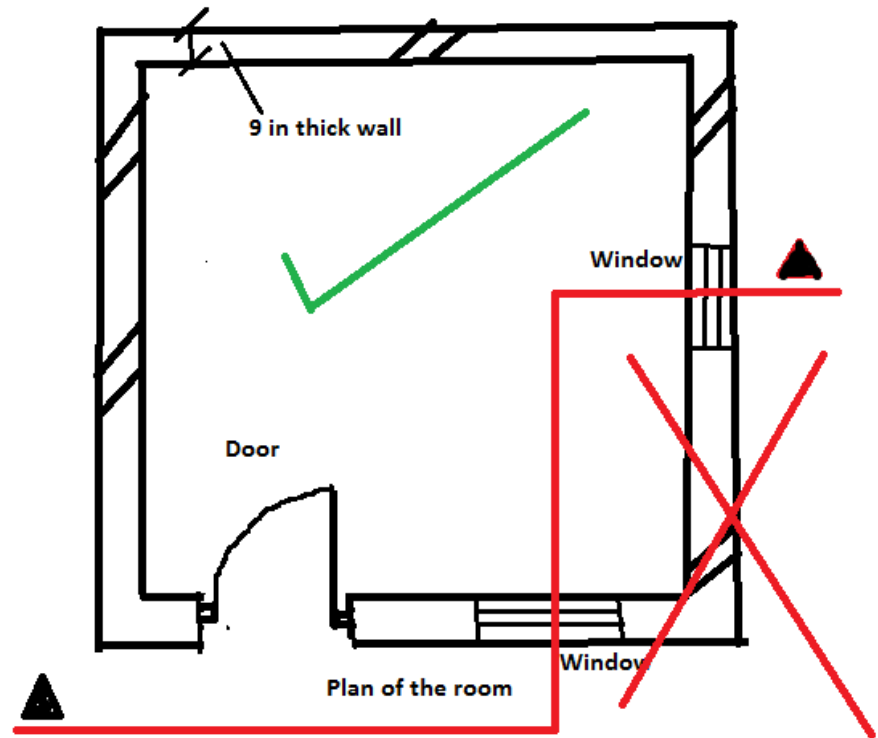
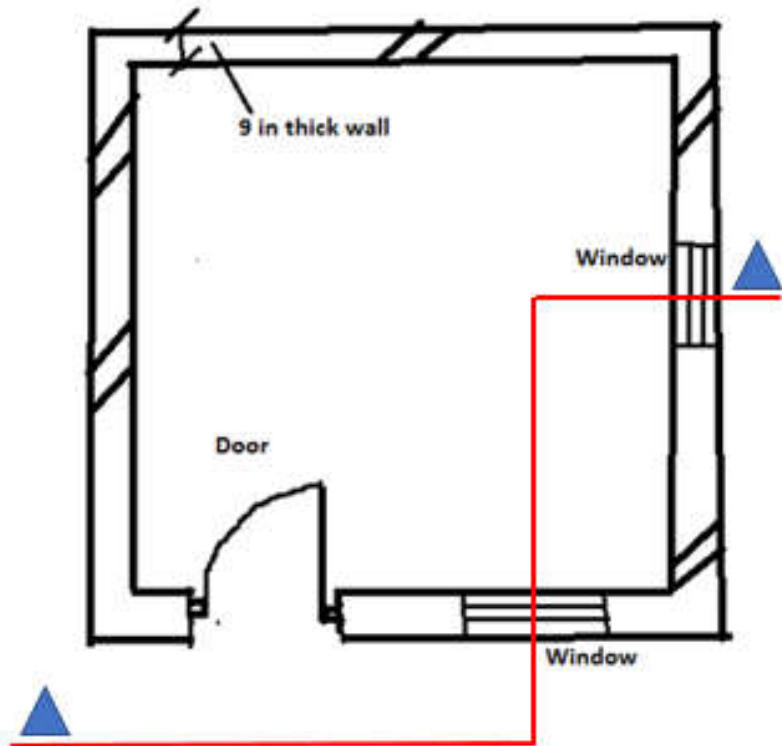


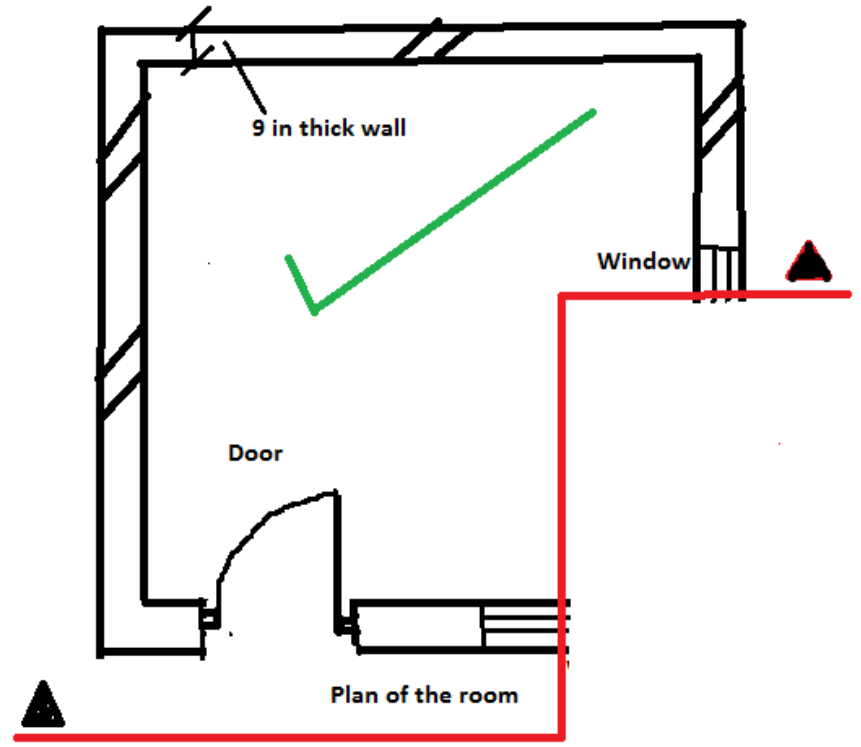
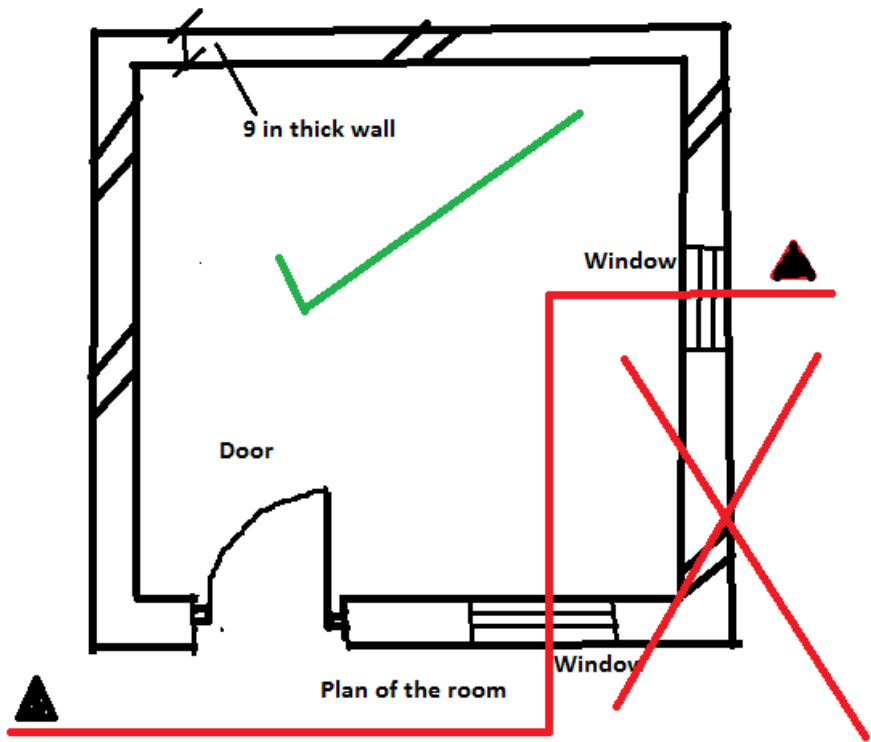
In section the cutting plane is **vertical** and the view is **front view**

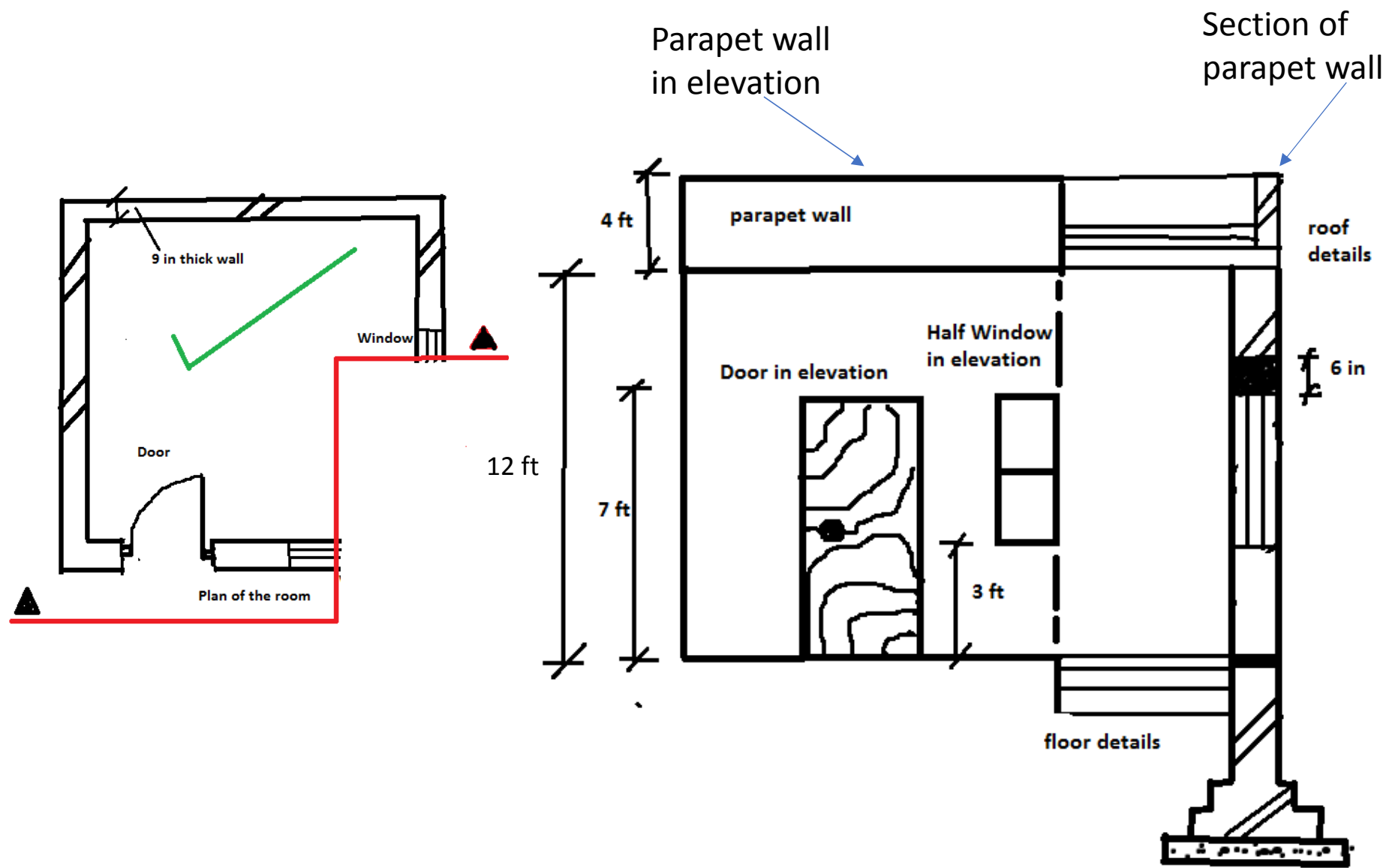


# New section









Thank  
Y☺u