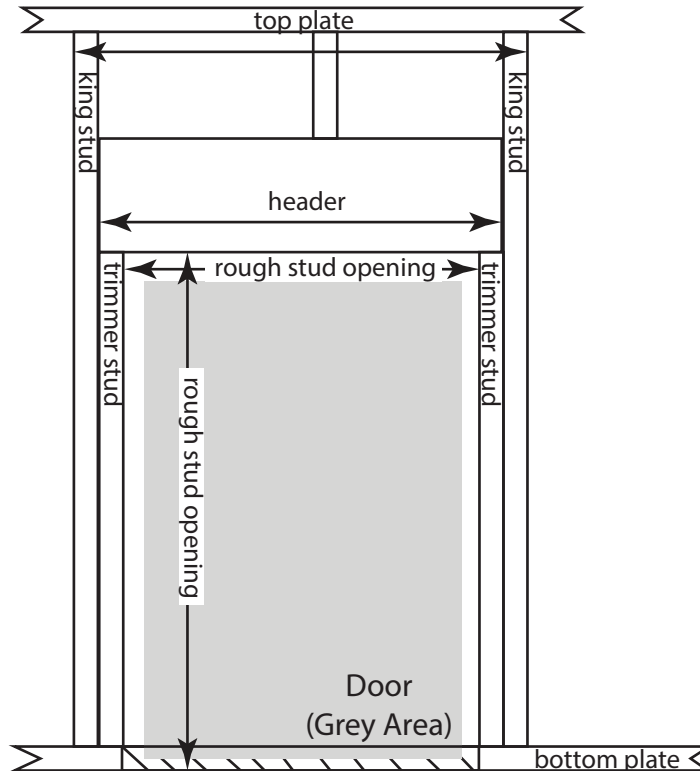


Door Calculations



Please note that the bottom plate of a door is cut out between the trimmer studs before the door is hung.

door width _____

door height _____

header width (depends on the building code) _____

manufacturer/builder recommended room to shim* =
 = distance between door jamb and trimmer stud _____

* we will use 1/2" for this class

Rough stud opening (RSO) width is the distance between the trimmer studs.

Rough stud opening (RSO) height is measured from the bottom of the header to the **bottom** of the bottom plate.

RSO height = subfloor + clearance + door height + clearance
 + width of door jamb + room to shim

*RSO height = door height + 2 1/2" = _____

RSO width = door width + 2x door jamb width + 2x room to shim =
 = door width + 2 x (3/4") + 1"

*RSO width = door width + 2 1/2" = _____

header width = RSO + 3" = _____

outside measurement of king studs= RSO + 6"