

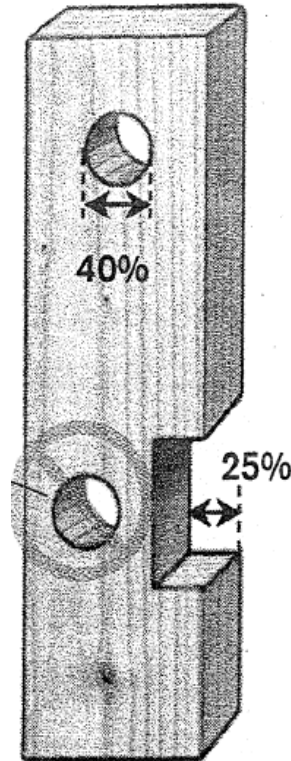


NOTCHING & BORING JOIST, RAFTER AND STUD

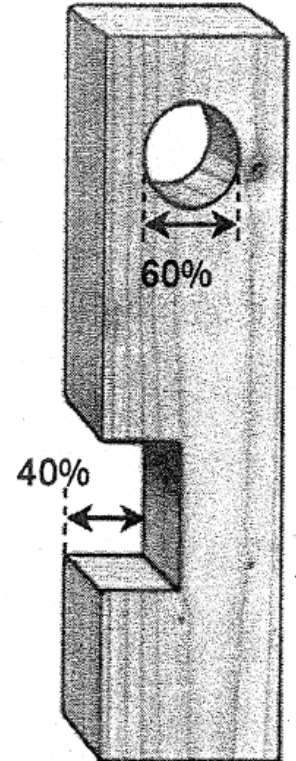
CRC §502.8, §602.6, CBC §2308.8.2, §2308.9.10/11, §2308.10.4.2

WALL STUDS

- IN EXTERIOR WALLS AND BEARING PARTITIONS, ANY WOOD STUD IS PERMITTED TO BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25% OF THE STUDS WIDTH.
- IN NONBEARING PARTITIONS, ANY WOOD STUD IS PERMITTED TO BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 40% OF THE WIDTH OF THE STUD, SUPPORTING NO LOADS OTHER THAN THE WEIGHT OF THE PARTITION.
- IN EXTERIOR WALLS AND BEARING PARTITIONS, A HOLE NOT GREATER IN DIAMETER THAN 40% OF THE WIDTH IS PERMITTED TO BE BORED IN THE STUD.
- IN NONBEARING PARTITIONS, A HOLE NOT GREATER IN DIAMETER THAN 60% OF THE WIDTH IS PERMITTED TO BE BORED IN THE STUD. THIS IS ALSO ALLOWED IN EXTERIOR WALLS AND BEARING PARTITIONS WHERE EACH BORED STUD IS DOUBLED, PROVIDED NOT MORE THAN TWO SUCH SUCCESSIVE DOUBLE STUDS ARE SO BORED.
- IN NO CASE SHALL THE EDGE OF THE BORED HOLE BE NEARER THAN 5/8 INCH TO THE EDGE OF THE STUD.
- BORED HOLES SHALL NOT BE LOCATED AT THE SAME SECTION OF STUD AS A CUT OR NOTCH.



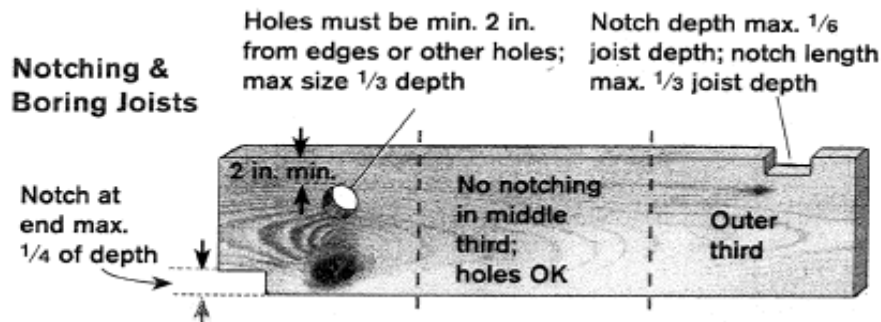
EXTERIOR AND BEARING WALLS



NONBEARING

PARTITIONS

FLOOR & CEILING JOIST AND RAFTERS



- NOTCHES ON THE ENDS OF JOISTS SHALL NOT EXCEED 1/4 THE JOIST DEPTH.
- HOLES BORED IN JOISTS SHALL NOT BE WITHIN 2 INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED 1/3 THE DEPTH OF THE JOIST.
- NOTCHES IN THE TOP OR BOTTOM OF JOISTS SHALL NOT EXCEED 1/6 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE 1/3 OF THE SPAN.
- NOTCHES NOT EXCEEDING 1/3 THE DEPTH IS PERMITTED IN THE TOP OF THE RAFTER OR CEILING JOIST NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER.