

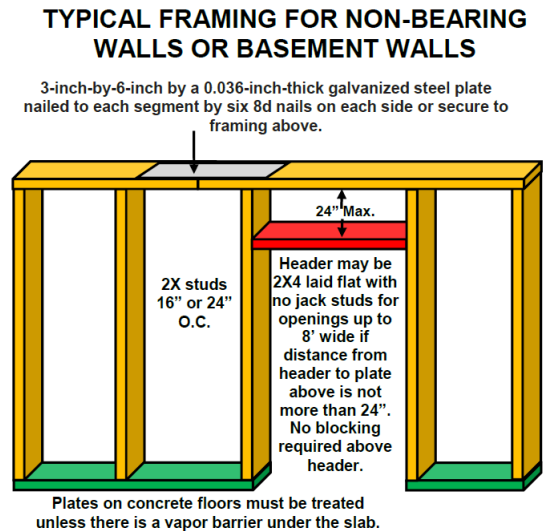
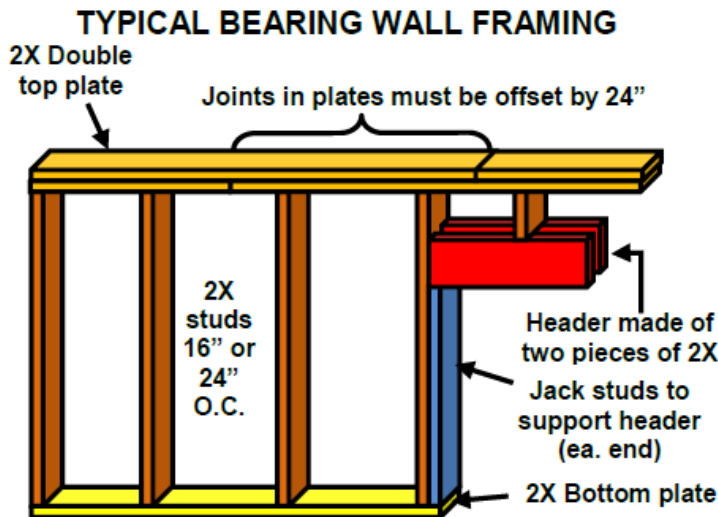
BASIC WOOD FRAMING



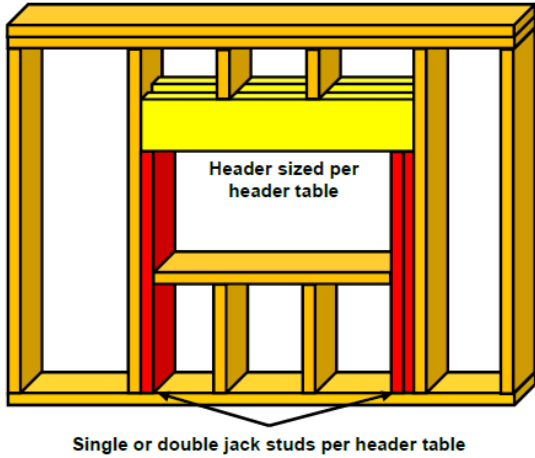
This handout is intended only as a guide and is based in part on the 2015 Minnesota Residential Code (MRC), Maple Grove City ordinances, and good building practice. While every attempt has been made to insure the correctness of this handout, no guarantees are made to its accuracy or completeness. Responsibility for compliance with applicable codes and ordinances falls on the owner or contractor. For specific questions regarding code requirements, refer to the applicable codes or contact your local Building Department.

See the 2020 MRC, at the Department of Labor and Industry Website:
<https://codes.iccsafe.org/content/MNRC2020P1/chapter-6-wall-construction>

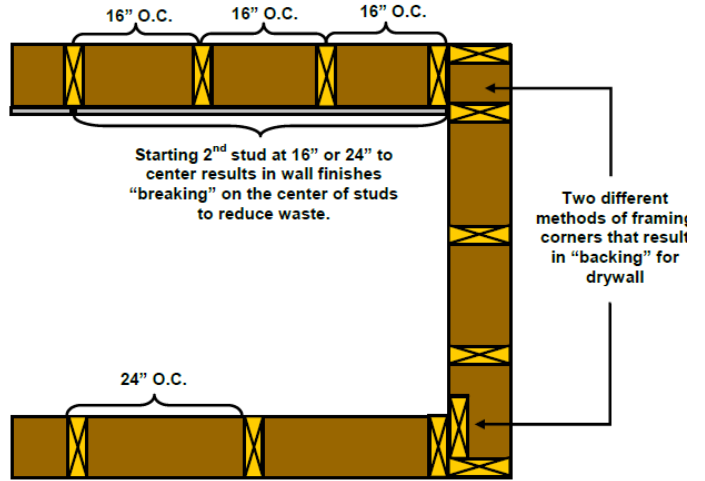
- Table R602.3(5) - Size, Height, and Spacing of Wood Studs
- Table R602.7(1) – Girder Spans and Header Spans for Exterior Bearing Walls
- Table R602.7(2) – Girder and Header Spans for Interior Bearing Walls



FRAMING OPENINGS IN BEARING WALLS



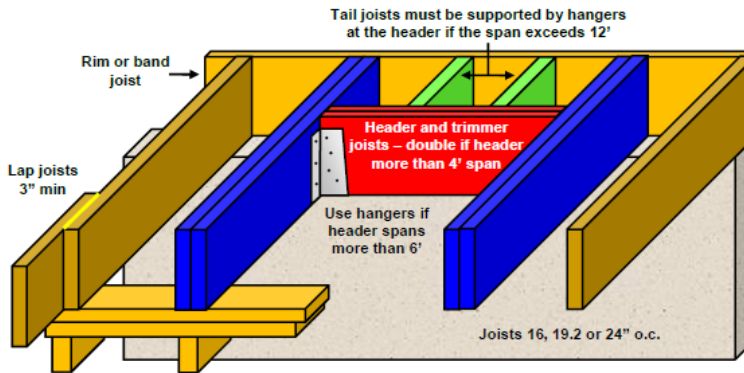
LAYING OUT WALLS – 16” AND 24” ON CENTER



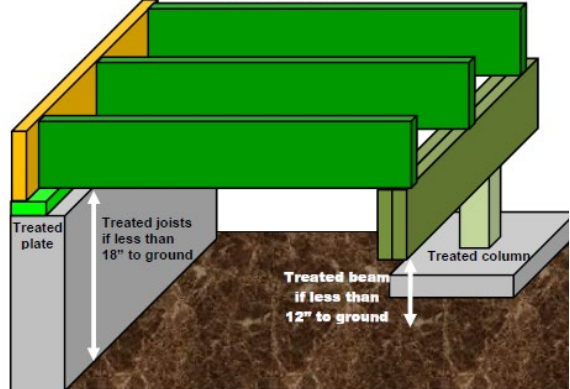
See the 2020 MRC, at the Department of Labor and Industry Website:
<https://codes.iccsafe.org/content/MNRC2020P1/chapter-5-floors>

- Table R502.3.1(2) – Floor Joist Spans for Common Lumber Species

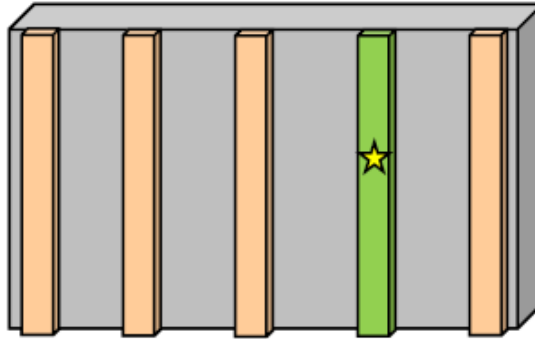
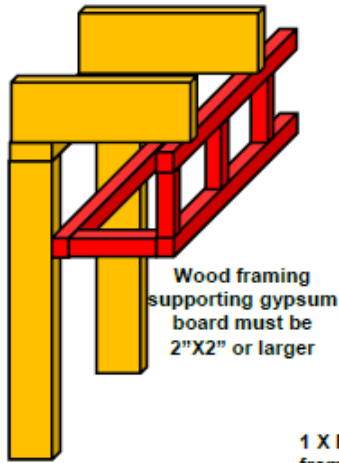
TYPICAL FLOOR FRAMING



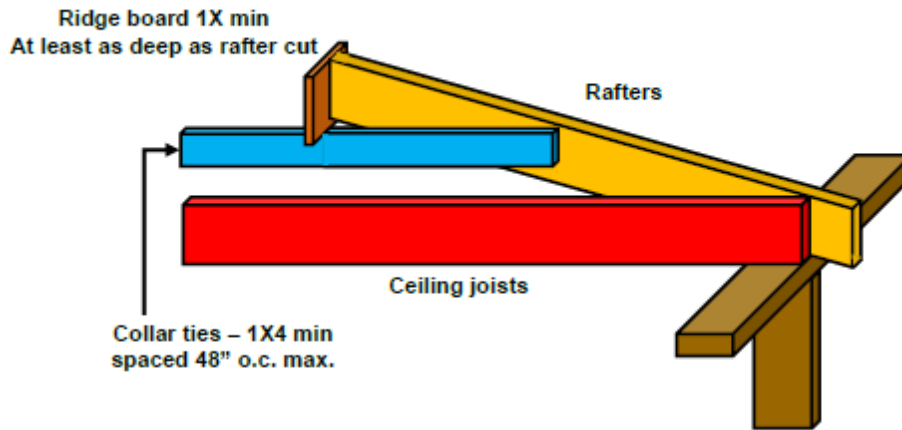
CRAWL SPACES



FURRING VS. FRAMING



ROOF FRAMING



ENGINEERED LUMBER

This handout does not cover engineered lumber such as floor or roof trusses, I joists, glue-laminated members, structural composite lumber, and similar products. Refer to the manufacturer's installation instructions for further information.

OTHER FRAMING HANDOUTS

Other handouts are available on cutting, boring and notching framing, fireblocking, gypsum wall board, fasteners, and a host of other code requirements pertaining to wood framing.