



Laramie County Planning & Development Office

3966 Archer Pkwy Cheyenne, WY 82009

Building department phone #: (307) 633-4303

www.laramiecounty.com building@laramiecounty.com



Pole Barn Construction Guide

How to use this guide: This guide can be used for buildings which are a maximum of 2,400 square foot. (max width 40' and max length of 60') Larger buildings must be engineered.

Complete the Residential Detached Accessory Building application, provide a plot plan and a full set of building plans. Stamped engineered truss plans are required to be on site for inspections.

Building plans: The following pages are approved methods for pole barn construction in Laramie County without the need for additional engineering. **Pole barns that do not meet the minimum standards of these guidelines will be required to be designed by a Wyoming licensed engineer.**

Building Codes: Be advised that the governing building codes for Laramie County are the 2021 International codes and the 2020 National Electrical Code.

Fees: There is a \$2.75 base fee for the structure plus a plan review fee. Additional fees are calculated for *bonus* rooms using the square footage of the rooms.

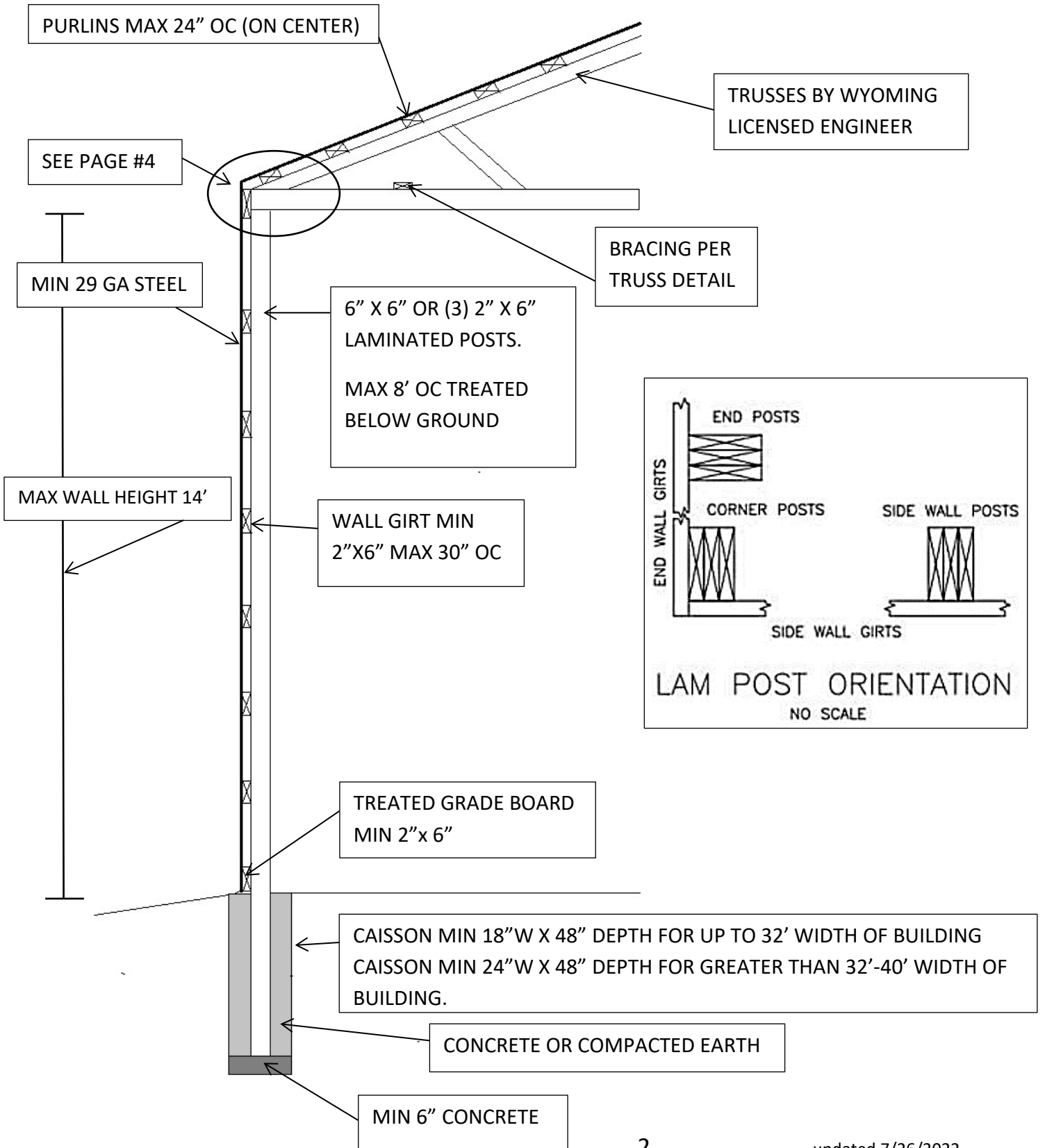
Bonus rooms are defined (but not limited to) bathrooms, utility rooms, non-dwelling spaces, offices, libraries, enclosed storage spaces.

Description	Square Footage		Price per square foot	Valuation	Fees *see fee schedule
Accessory only	NA	x	\$ 2.75	\$	*
Bonus Room		x	\$ 43.00	\$	*
				Total Fees Owed:	\$



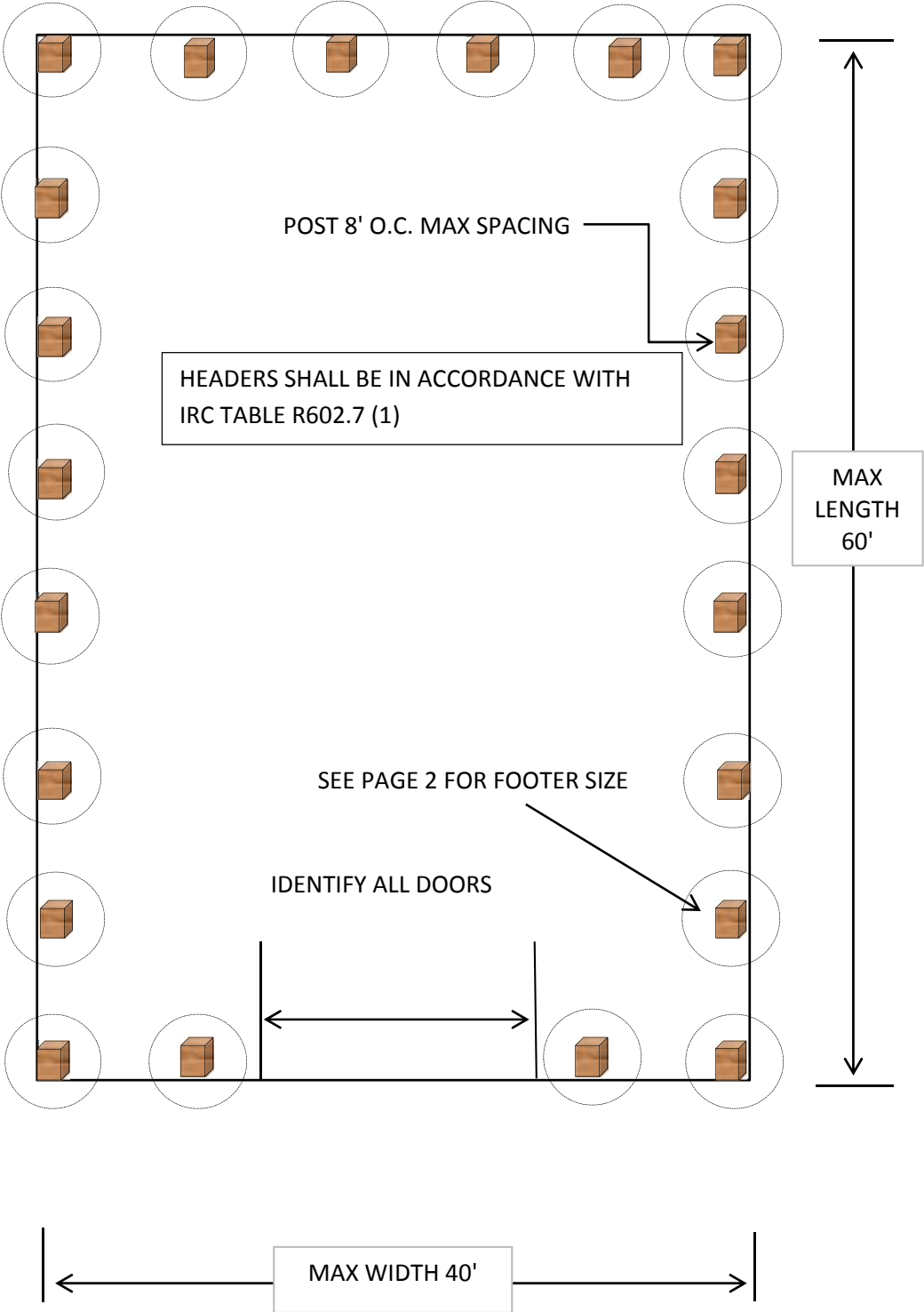


POLE BARN CONSTRUCTION



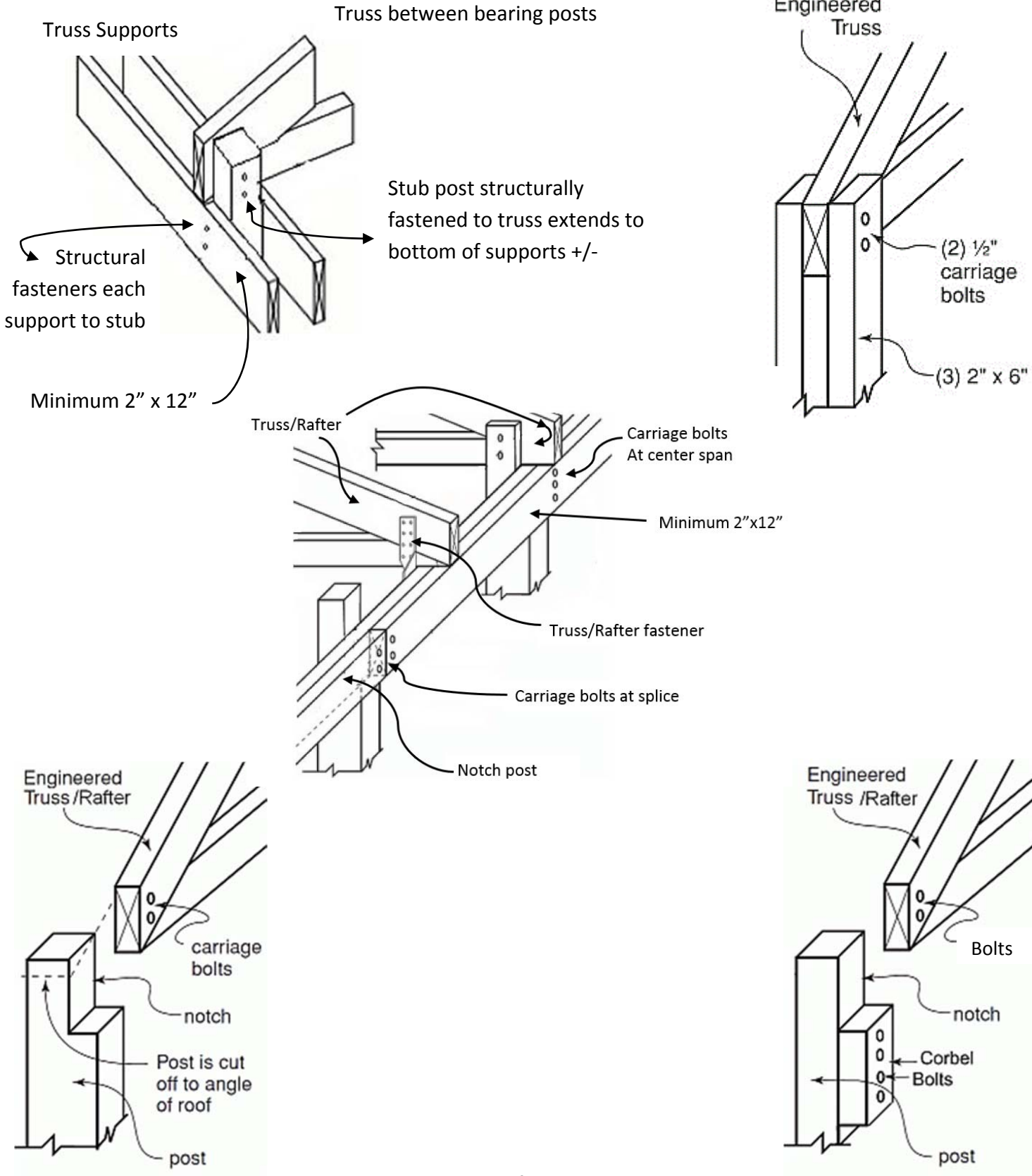


FLOOR PLAN





Approved Truss Connection





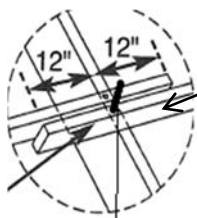
PURLIN SIZE AND SPACING PER TRUSS SPACING

FOR 4' O.C. TRUSSES- 2"X4" PURLINS FLAT @ 24" O.C.

FASTEN WITH
3-16d OR 2-20d
NAILS

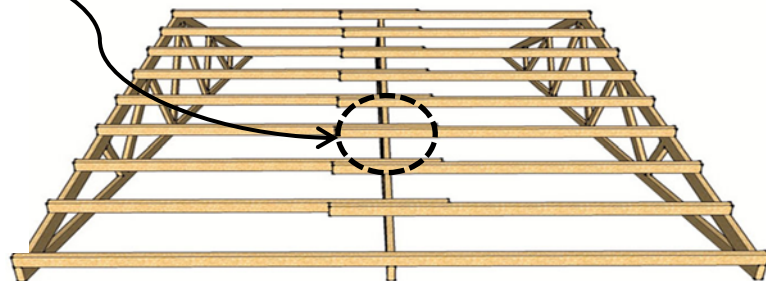


FOR 6' O.C. TRUSSES- 2"X4" PURLINS ON EDGE @ 24" O.C



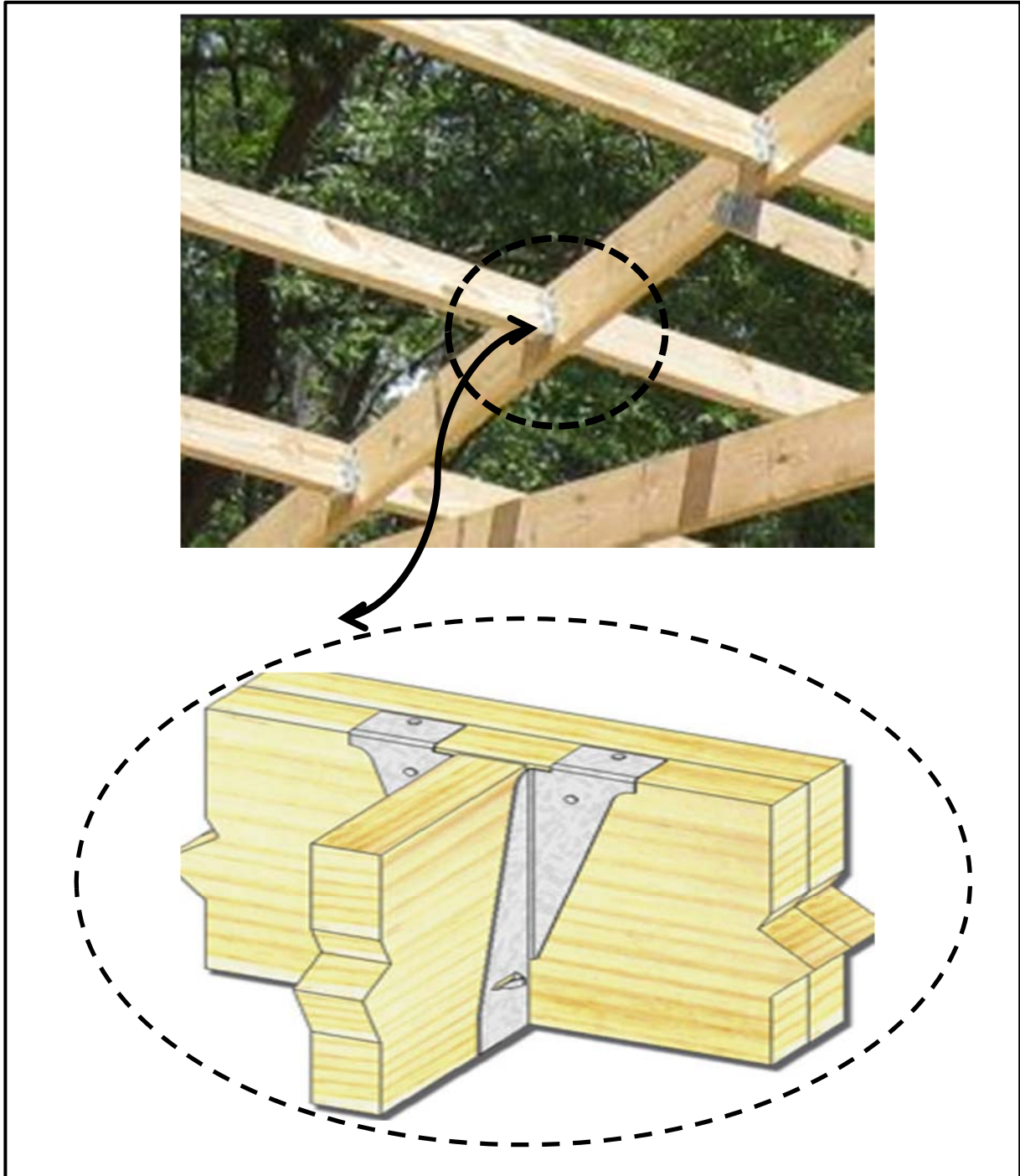
2-16d EACH SIDE OF LAP

60d RING SHANK OR
EQUIVALENT.



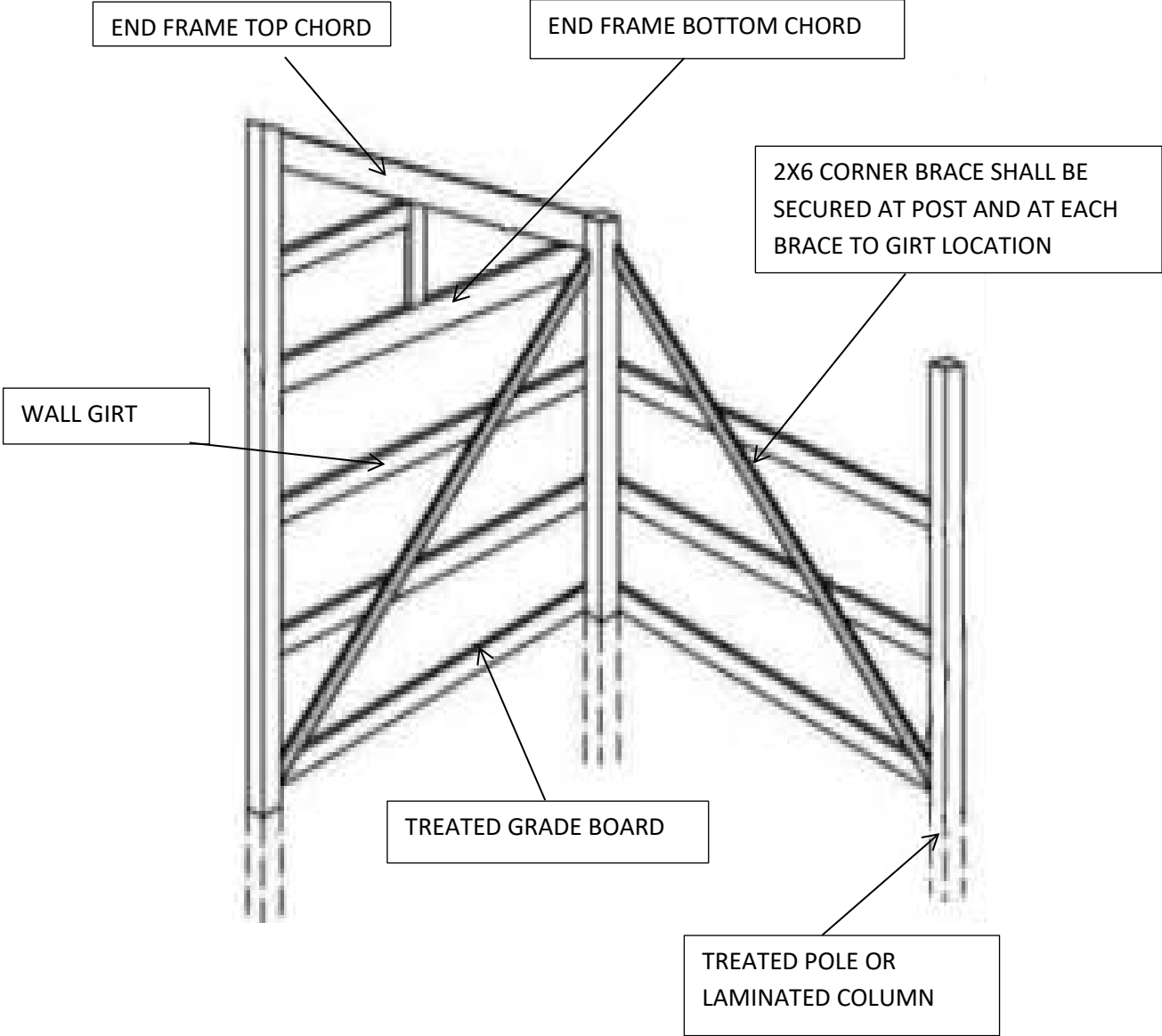
PURLIN DETAILS

FOR 8' ON CENTER TRUSSES 2"X6" PURLINS ON LISTED HANGERS





CORNER BRACING





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Pole Barn /Accessory Building Restrictions

It is important for homeowners to understand that pole barns/Accessory Structures are generally NOT designed for residential family dwellings. Problems occur when homeowners attempt to build or remodel these structures for a residential occupancy. Issues with the foundation system, fire separation, plumbing and roof design may occur. These issues can require costly alterations to bring the structure into compliance with the current building codes adopted by Laramie County. In addition, there may be land use regulations that prohibit a second residence or a residence created for a rental unit. If the structure is built to be occupied as a residential dwelling it shall meet the requirements of the 2021 International Residential Code, shall be permitted with a residential permit and meet the requirements of the Laramie County Land Use Regulations. If you have any questions regarding permitting and the use of the structure please ask.