

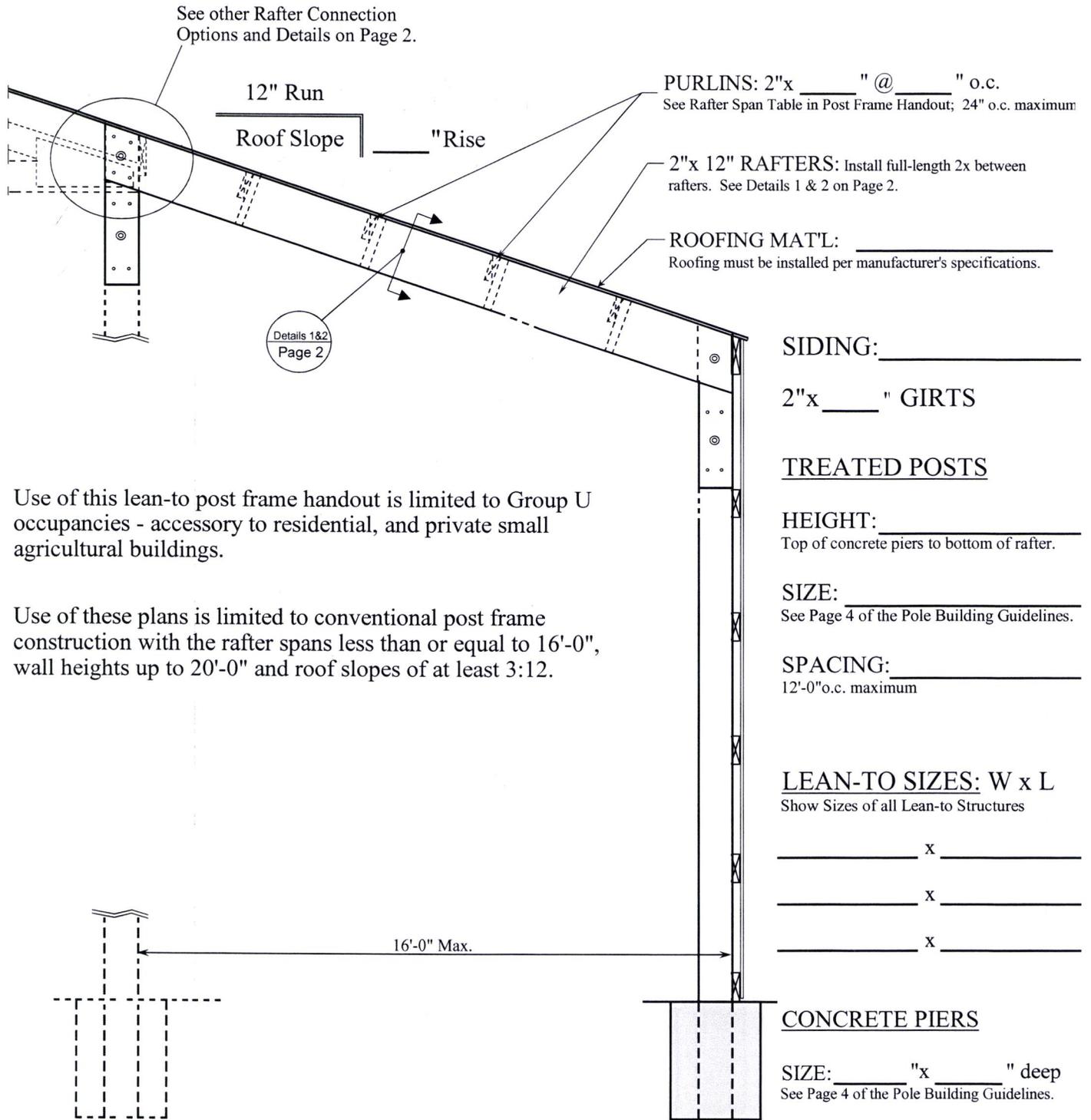
Grant County Building Department

(509) 754-2011 ext. 3001 or 3020

Post Frame Lean-to Structure

To use this handout as your plans, fill in the blanks and construct as per the requirements on this page and following pages. **RETURN THIS ENTIRE HANDOUT.**

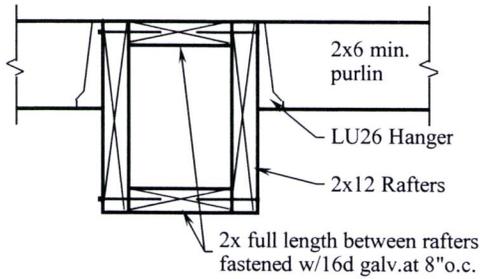
This building design is applicable within the following criteria: IRC Seismic Design Category "C"; Wind speed, $V_{ult} = 110$, Exposures A, B & C; Roof trusses shall be designed to a minimum 20 lb. live load; The assumed soil bearing pressure is 2,000 p.s.f.



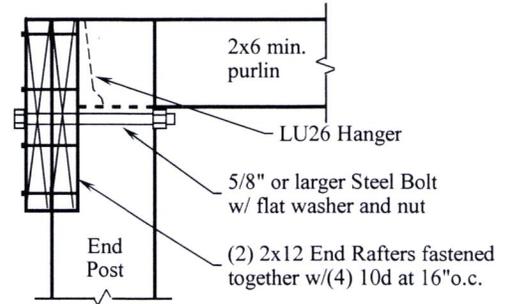
Use of this lean-to post frame handout is limited to Group U occupancies - accessory to residential, and private small agricultural buildings.

Use of these plans is limited to conventional post frame construction with the rafter spans less than or equal to 16'-0", wall heights up to 20'-0" and roof slopes of at least 3:12.

Lean-To Construction Details



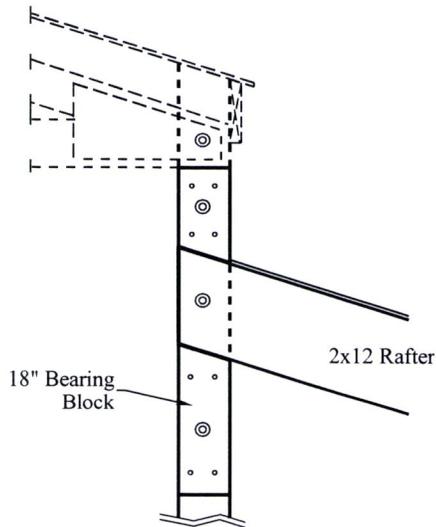
Size and Install Purlins
as per the Post
Frame Structure Handout



① Box Rafter Detail N.T.S.

② Endwall Rafter Detail N.T.S.

Lean-to/Shop Attachment Options



Rafters and Bearing Blocks

Fasten to Posts w/ 5/8"
or larger Steel Bolt w/
nuts and washers and
(4) 20d Galv.Nails

36" 6x6 Post Laminations

Fasten to Shop Posts w/ (2)
3/4" or larger Steel Bolts
w/nuts and washers

