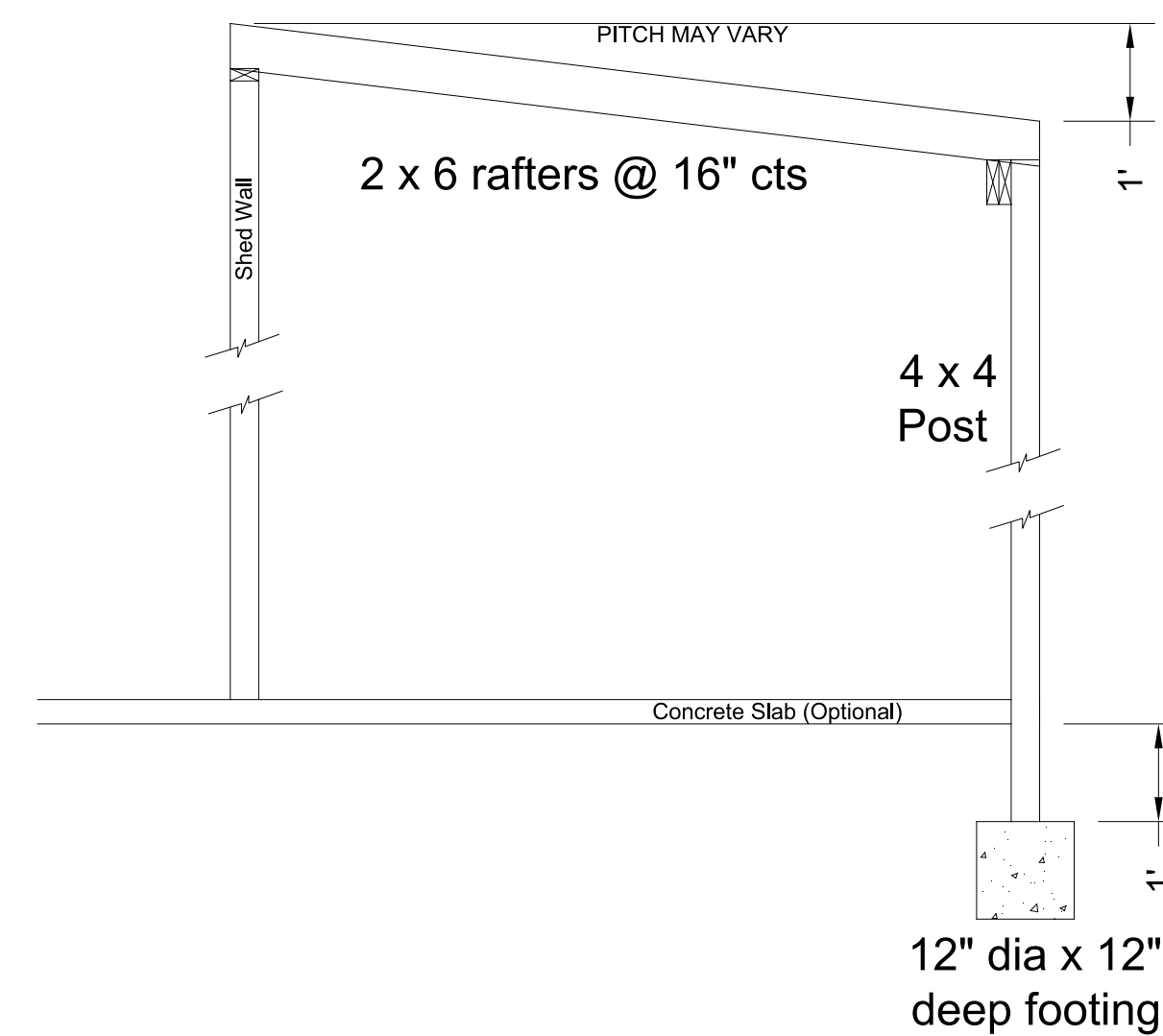


PLAN VIEW



ELEVATION VIEW

The attachment of the roof is to include hurricane clips (Simpson) or straps placed at all rafters and roof supports.

### STRUCTURAL NOTES

1. All construction shall conform to the the latest requirements of the North Carolina Building Code, in addition to all local codes and regulations.

2. Design Loads:

DESIGN LOADS	LIVE LOAD (psf)	DEAD LOAD (psf)	DEFLECTION	
			LL	TL
ROOF	20	10	L/240	L/180
WIND LOAD	BASED ON 120 MPH (Exposure B)			

3. Minimum allowable soil pressure bearing pressure = 2000 psf

3. Concrete shall have a minimum 28 day strength of 3000 psi and a maximum slump of 5 inches unless noted otherwise.

4. All framing lumber shall be SYP #2 (Fb = 800 psi). All framing lumber exposed to the elements shall be treated material.

5. The structure is adequate to withstand uplift forces on an open structure with a flat sloped roof from ASCE 7-16, Risk Category II wind speeds of 115 mph. The attachment of the roof is to include hurricane clips (Simpson) or straps placed at all rafters and roof supports.

6. For roof slopes from 2/12 through 4/12, Builder to install 2 layers of 15# felt paper.

7. It is the contractors responsibility to verify all dimensions and square footage prior to construction .

### GENERAL NOTES

1. It is the contractor's responsibility that all dimensions, roof pitches, and square footage are correct prior to construction. Engineer sealing plans is not responsible for any dimensioning, roof pitch, or square footage errors once construction begins.

2. Stud wall design shall conform to North Carolina State Building Code requirements.

3. DO NOT SCALE PLANS. Drawing scale may be distorted due to copier imperfections.

4. All construction shall be in accordance with NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2018 edition.

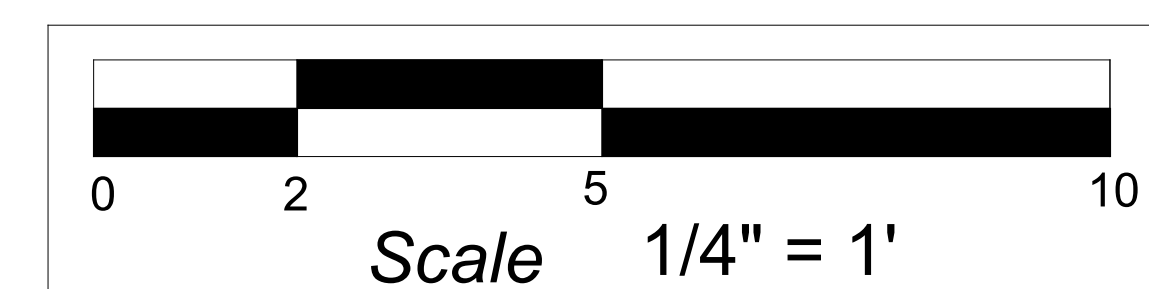
These plans are for the construction of an 8 foot wide Lean-To. Any dimensions wider than 8' are not valid with this design. The length of the design shown is 24 feet. The post spacing is valid for any lenght Lean-To as long as maximum post spacing does not exceed 8 ft.

BAS Buildings  
Pack Sheds, LLC

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919-210-2798

Date 1-1-25

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Valid for one year of date shown  
with purpose of review by  
Engineer when expired.

