LOAFING SHED

Building Permit Requirements:
The following must be submitted with a building permit application:
- **TWO** complete sets of plans
- **THREE** site plans

1. Site Plans
   A site plan of the Total Parcel must be Drawn to Scale and have the following:
   - Owner’s name, address, and phone number
   - Subdivision name, lot, block number, and filing number (if applicable)
   - Parcel Number
   - Dimensions of **ALL** property lines
   - Identify the scale used. Example:
   - 1 inch = 20 feet or 1/16 inch = 1 foot
   - Cardinal North direction identified
   - All easements (ex: utilities, access, etc.)
   - Name of all adjacent roads. Also show driveway locations
   - All existing structures labeled as to their location and plus the proposed structure
   - The distance from the proposed structure to **ALL** property lines and to the centerline of all adjacent roadways. If an existing structure straddles the property line, it must be shown on the site plan.
   - Location of any stream, lake or body of water within 100 feet of the proposed structure. Also note distance from structure to the centerline of the stream.

   See Site Plan handout for more information

2. Floor Plan and Exterior Elevation
   The plans cannot deviate the depth of building, which is 12 feet. The width of the building may deviate in 12-foot increments.

3. Inspections Required
   **Setback and Footings Inspection:**
   The inspection should be called for after holes are dug but before concrete is poured.

   **Framing Inspection:**
   The inspection should be called for after the building is up and before any insulation or interior covering is installed. The permit may be finaled at this time if no further work is being done.

   **Final Inspection:**
   The inspection should be called for after all work is completed such as insulation, concrete slab, electrical, plumbing, heating, or sheetrock. If these features are present, they must be inspected before concealment.

*Approved plans and building permit card must be on-site at time of all inspections*
**DIAGRAMS OF TYPICAL LOAFING SHEDS**

**Minimum 4x4 treated wood post spaced 6’ on center**

**Minimum 6x6 or 6” round treated post spaced 12’ on center**

**2x8 rafter for 6,000’ elevation or less**
2x10 rafters for 6,001 to 8,000’ elevation  
Engineered design required above 8,000’

Rafters to be spaced 2’ on center

(2) 2x10 continuous headers at 6,000’ elevation or less
(2) 2x12 continuous headers 6,001 to 8,000’ elevation  
Engineered design required above 8,000’ elevation

MAXIMUM HEIGHT 12’

12’ not to vary

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(2) ½” carriage bolts per connection

2x8 or 2x10 rafters 2’ on center

2x4 roof nailers 2’ on center

29 gauge steel

(2) ½” carriage bolts per connection

Undisturbed Soil

H = 1/3 the height of structure but need not exceed 4’

2x6 treated hold down cleats nailed

Compacted earth or concrete

2x6 treated posts

Minimum 6x6 treated post

2x4 corner bracing

2x4 nailers 2’ on center

2x8 treated splash guard

12”X 4” round footings or 1-60lb bag of sakrete per hole

2x8 or 2x10 rafters 2’ on center

4x4 treated posts

2x8 treated splash guard

2x4 roof nailers 2’ on center

2x6 blocks

(2) 2x6 headers

(2) 2x6 headers

5-10d nails

2x4 nailers 2’ on center

3-16d nails

CCA Treated Post

<table>
<thead>
<tr>
<th>Height</th>
<th>Size</th>
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<tbody>
<tr>
<td>6’</td>
<td>4x4</td>
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<tr>
<td>8’</td>
<td>4x4</td>
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<tr>
<td>10’</td>
<td>5x6</td>
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<tr>
<td>12’</td>
<td>6x6</td>
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<tr>
<td>14’</td>
<td>8x8</td>
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(2) 2x10 continuous headers 6,000’ elevation or less
(2) 2x12 continuous headers 6,001 to 8,000’ elevation
Engineered design required above 8,000’ elevation

2x4 roof nailers 2’ on center

2x4 blocks

5-10d nails

2x4 corner bracing

2x4 nailers 2’ on center

3-16d nails