

# Safety Short

## Metal Arched Ribbed



**Definition:** These utility buildings have semicircular (culvert) shape roofs that curve to the ground or foundation to form the sides. The arched ribs serve as both the structural components and the exterior roof/wall coverings.

<b>Typical Hazards:</b>	<b>Owner Considerations:</b>
<ul style="list-style-type: none"><li>• Vegetation Growth against the building</li><li>• Sand/Salt stored against metal walls</li><li>• Rust and Corrosion</li><li>• Holes and/or Penetrations</li> <li>• Equipment strikes to structure</li><li>• Overfilling</li><li>• Snow Load</li><li>• Foundation Cracks/Exposed Rebar</li></ul>	<ul style="list-style-type: none"><li>- Maintain clear access around the building</li><li>- Do not exceed fill line when loading</li><li>- Keep Sand/Salt away from metal components</li><li>- Inspect at least twice a year, before and after winter</li><li>- Ensure property is secured when not in use</li> <li>- If feasible, remove accumulating snow piles from the sides of the building</li></ul>

**SCAN for FEMA  
Snow Load Safety Guide**

