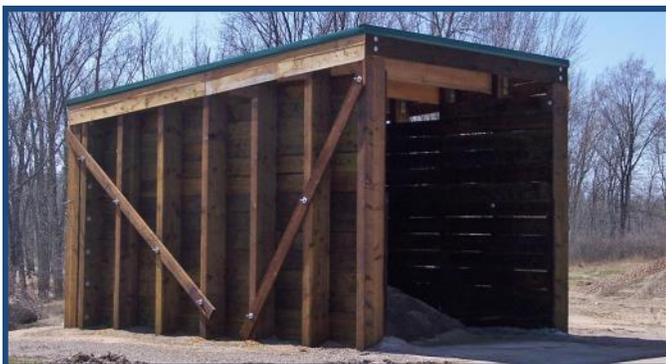


Wheeler

SALT STORAGE BUILDINGS



INTRODUCTION

Working with State, Counties and Townships across the country, Wheeler has been designing and supplying salt/sand buildings for over 50 years.

Wheeler buildings are not just covers, but containers. The sturdy treated timber construction allows the walls to be loaded up to 14' high*, maximizing the space within the building.

Wall heights and roof truss designs can be adjusted to provide over 30' of clearance. Doors can be added for security and additional material shelter.

- 30 year roof shingle warranty.
- 25 year treated wood warranty.
- Pre-engineered plans included.
- Available with partitions, store multiple mixes of both salt and salt/sand.
- Filled with standard loader. No conveyor required.
- Install yourself or hire a local contractor.
- Future additions are simple and inexpensive.
- Covered or enclosed equipment and cold storage easily added.
- Ask about accessories. Siding, skylights...

Floor plans from the smallest to the largest are detailed for economy and function.

Just determine the quantities to be stored and Wheeler's design staff will recommend the building best suited for your site.

**Wall designs vary based on roof system. Material may be mounded toward the middle when roof clearance allows. Estimated building capacity will be reviewed specific to the application.*

GABLE ROOF

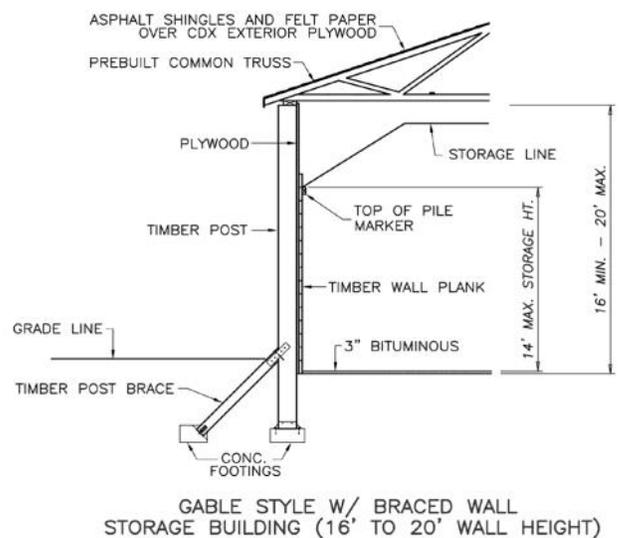
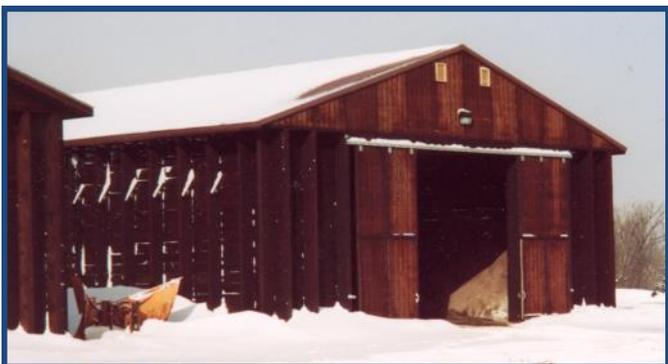
Gable Roof buildings can be designed for almost any storage requirement. Standard gable roof trusses are easy to install and maintain (ie. shingle replacement). Gable buildings also provide an appearance consistent with other maintenance buildings on the site.

All buildings can be partitioned with Wheeler's freestanding partition wall for storage of multiple materials. Cold storage is provided by optional lean-to roof extensions. These can be enclosed for equipment storage.

Sliding door systems are standard and discourage unauthorized entrance into the building. Overhead and service doors are optional. For gated sites, eliminating the door wall provides easier access for loading and unloading.

BELOW GRADE BRACING

This design is ideal for sites with limited room. The walls are designed to be loaded up to 14' high with eave heights up to 20'. They are braced below grade to provide uninhibited access around the exterior. This provides the most efficient building footprint.





GABLE ROOF

Wheeler will help predict the usable capacity based on the floor plan and pile height your loading techniques can achieve.

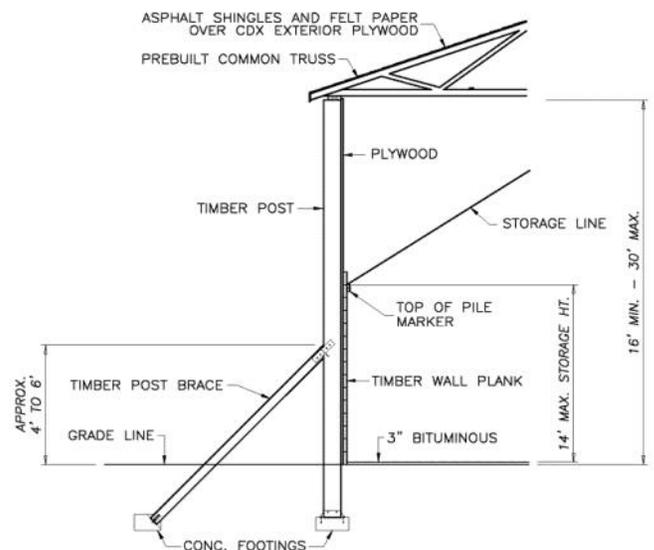
Heavy timber planking stands up to damage caused by contact from loader buckets. If the damage is excessive the planks are easily replaced.

Optional siding can be installed on the exterior to compliment other buildings or to meet local appearance code requirements.

Gable Roof buildings are suitable for small, medium and large storage facilities.

ABOVE GRADE BRACING

Allowing the wall bracing to be exposed above grade provides for taller and less expensive buildings. This design can be incorporated into buildings ranging from 16' to 30' high. The wall is marked for maximum pile height and material can be mounded toward the center of the building.



GABLE STYLE W/ BRACED WALL
STORAGE BUILDING (16' TO 30' WALL HEIGHT)

GAMBREL ROOF

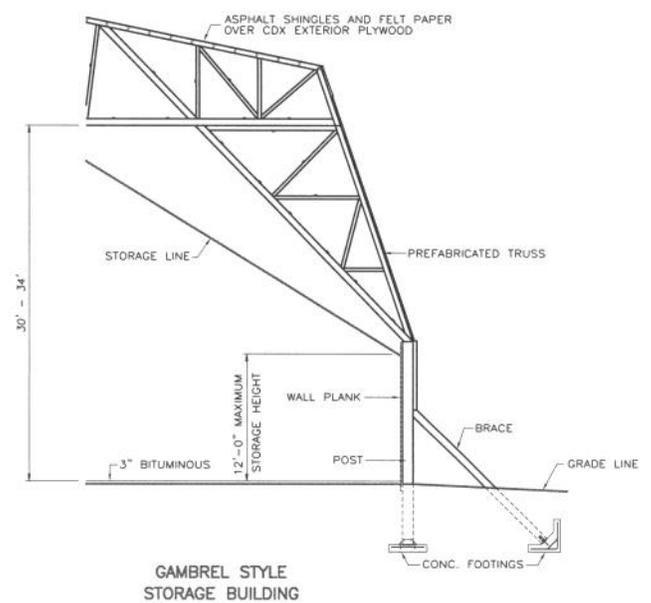
Originally designed to provide clearance for dumping of large trailers the Gambrel Roof building has a rafter height in excess of 30' down the center third of the building.

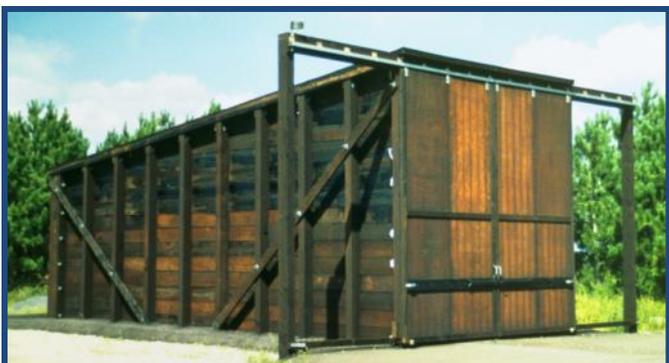
Available with many accessories including skylights and Wheeler's freestanding partition wall, the Gambrel Roof is intended for storage capacities in excess of 2000 cy.

Floor plans can be adjusted for entry from the sides or ends. Overhead doors are optional.

The Gambrel Roof features an alternative architecture to the Gable Roof, but all storage capabilities are similar.

*** Gambrel trusses require experienced handling and may be more complicated to install when compared to gable trusses. ***

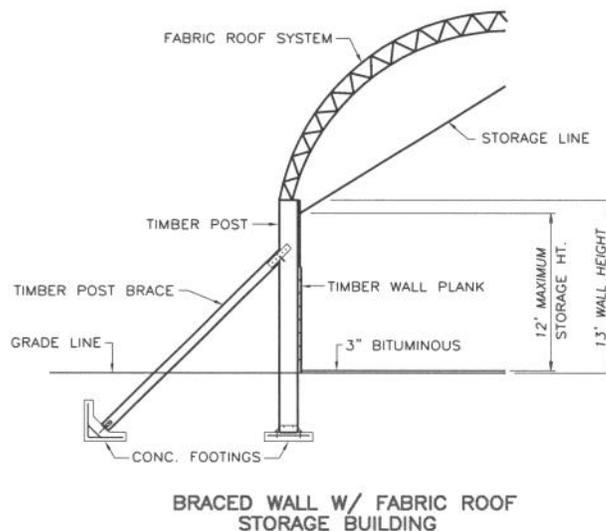




FABRIC ROOF

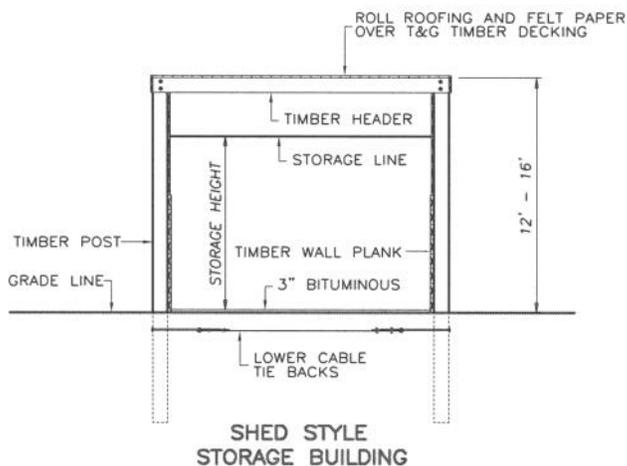
When a Fabric Roof system is desired, Wheeler can design and supply a durable treated timber wall system.

All details will be coordinated with the Fabric Roof supplier/installer.



SHED ROOF

The Shed Roof building provides a complete container for storage of less than 200 cy. The walls are positively connected to each other allowing the building to be filled just short of the rafters.



Salt stored against wood treated with waterborne preservatives can result in fiber rupture failure in as little as 7 years.



TREATED TIMBER

All building materials must be protected from the damaging effects of road salt. Steel and concrete require surface protection including coatings and waterproofing. These coating must be maintained for the life of the structure. For salt storage buildings this often means scheduled maintenance requiring evacuation of the stored materials. Repetitive maintenance can be avoided if the building materials have built-in water proof defense.

Since the 1960's, all Wheeler salt/sand storage buildings have incorporated timber treated with an oil-borne preservative. The treating process impregnates waterproofing oil into the timber. This allows the timber to fight the harsh effects of salt by preventing salt brine from entering the wood fibers, resulting in facilities still in service after 50 years.

Uncoated concrete or wood treated with water-borne preservatives (CCA, ACQ, MCA) do not prevent salt brine penetration and are subject to serious degradation from repeated wetting. Many structures have failed in as little as 7 years.

The proven durability of properly treated timber remains the first choice in maintenance free salt/sand storage.

All Wheeler salt/sand buildings are built with QNAP treated wood.

QNAP[®]

Wheeler

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SALT STORAGE BUILDINGS

Don't end up
with this!

