



Multi-Story (Two & Three) Self-Storage System

Multi-story concrete foundation with a 9 1/4" notch around the perimeter of the slab. A lift pit is formed so the lift, once installed, will be at finished floor elevation. If an elevator is chosen, the elevator pit must be laid in the concrete (follow specifications from the elevator company).



After the concrete floor is poured, a galvanized stud wall is assembled and a 20-gauge metal floor deck is installed on top of the stud wall.

The underside view of the 20-gauge floor deck.



Two-Story

Standard weight concrete is poured and leveled to the height of the pour stop (concrete depth is 5' 1/2" with a minimum of 2' 1/2").



If the building has an interior corridor, a stud wall header system is used to support the floor load. A 20-gauge metal floor deck is then installed on top the stud wall.

Wire mesh laid on top of the long span deck.



Standard weight concrete is poured and leveled to the height of the pour stop (concrete depth is 5' 1/2" with a minimum of 2' 1/2").



Some municipalities require a protective fence on the second floor. (This is the responsibility of the owner.) All firewalls should be installed and framed out for the corridor before installing steel for a second floor.

The second floor galvanized interior structure is assembled. Next, interior and exterior walls are raised.



Two-Story

A completed two story building with large windows to show the interior doors which are illuminated at night to let a passerby know it is a self storage facility.



Large windows facing the street showcase the doors to market the facility as self storage.

Elevator location is an important feature. Easy access through an automatic door is recommended.



U-shaped stairs are installed with a concrete landing between floors.



For a three story building a roof hatch with ladder is required to access the roof.

The exterior is sheeted using Trachte's 26-gauge A-panel.



Three-Story

Large climate control buildings often feature sheltered loading areas. This one is features a heated slab to combat brutal lowa winters.



Inside the sheltered loading/unloading area, automatic doors provide convenient access to the elevators.

Large windows show the storage doors in this four-story building with insulated storage.



The exterior of this four story building is sheeted using Trachte's 26-gauge A-panel.



Trachte buildings may be highly customized. Built by a Varco Pruden dealer using Trachte building structure and interior, this structure is clad with architectural panels and glass curtain walls.

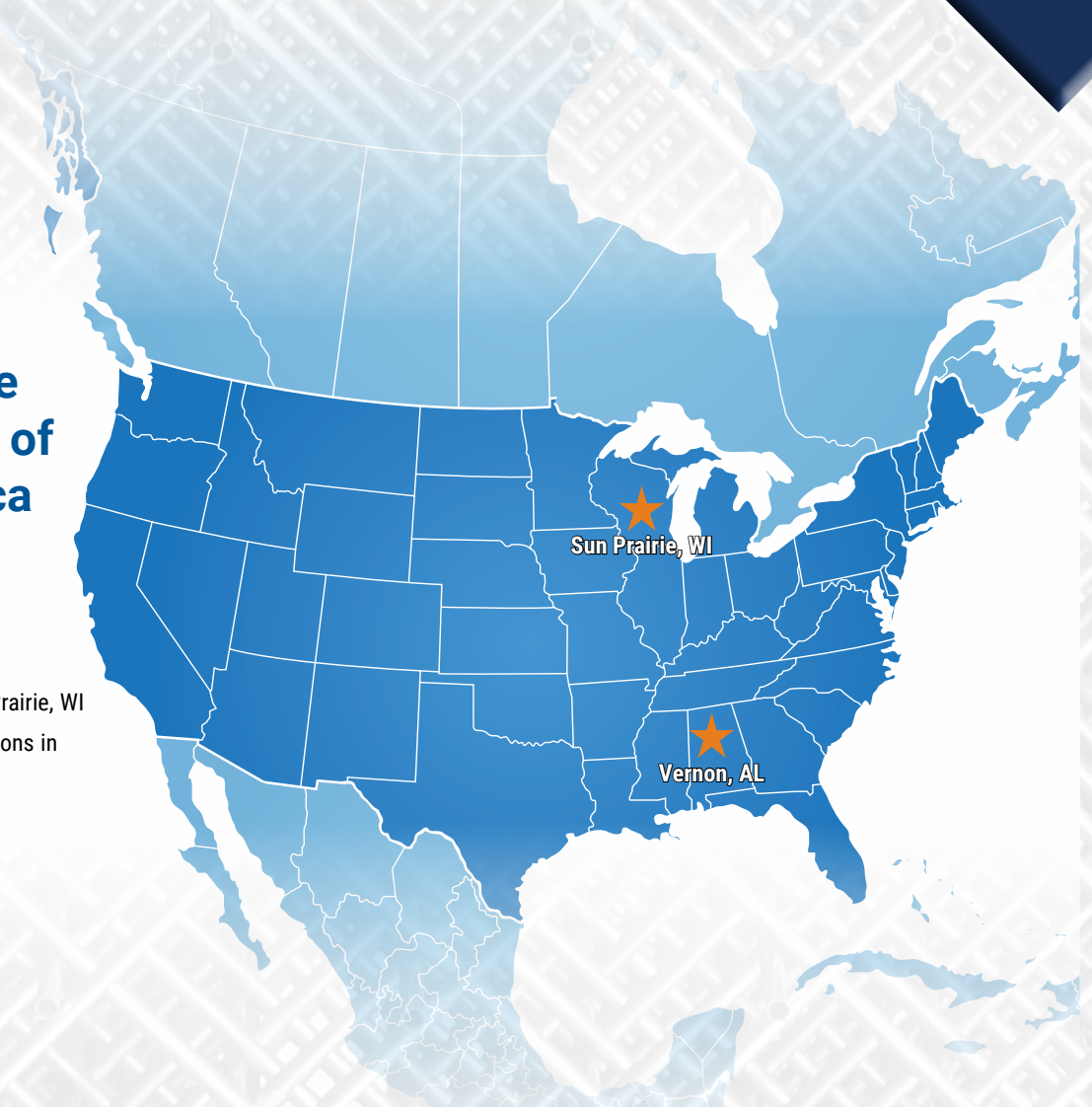
This four story, temperature-controlled building's exterior was designed by an architectural firm. The building structure and corridor system provided by Trachte.



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Trachte is headquartered in Sun Prairie, WI
and have opened additional locations in
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For more information and details on Trachte self-storage systems, please contact your regional manager. Utilize our Regional Manager Locator by scanning the QR code:

