



Electrical, Lighting & Cameras for Self-Storage Facilities

Exterior lights are mounted to the building and should be spaced every 40'. If the buildings are parallel, the lights should be staggered between the buildings. The conduit should run inside the building.

LED lights such as this one reduce power consumption and maintenance.



Exterior lights should be controlled by a master photo cell rather than individual sensors on each light.

Decorative lighting fixtures can add curb appeal.

Right: Exterior lights installed on poles light a greater area, drawing insects away from the building.



Electrical & Lighting

This exterior light has the conduit running on the outside of the building. This application is not recommended.



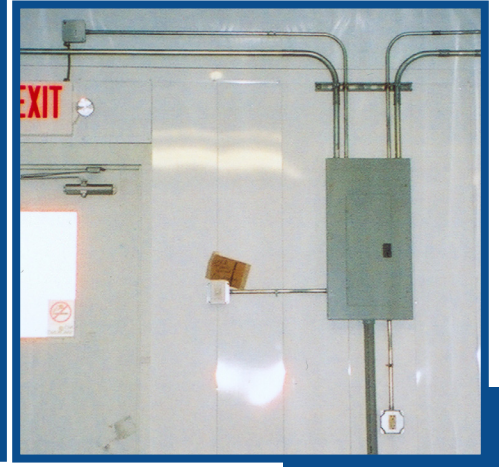
At least one exterior outlet should be installed on every building for maintenance purposes.

Outlets may be installed on door jambs as shown. When installed at lower heights, it's a good idea to place them behind bollards to prevent damage from snow removal equipment. These outlets should be on their own breaker and shut off when not in use by management.



The electrical control box may be installed on the outside of the building.

Right: This building has a 10' corridor with an electrical box installed inside.



If the building has a false door, the electrical panel may be attached directly to it.

Separate underground conduit should be installed during grading, even if you will not install cameras immediately.

Camera systems may require power sources in buildings, and may require small equipment cabinets depending on your equipment type and layout. Plan your camera system early in the design process.



Electrical & Lighting

The electrical and HVAC equipment may all be stored inside a mechanical unit. Trachte provides a louvered swing door (to provide air flow) for this type of unit.



The electrical conduit should be installed following the purlin.

If you are planning to provide light in the units, the fixtures should be installed on the purlin.



A motion sensor or timer can be used to automatically turn lights on and off.

In hallways, a ceiling mounted motion sensor should be used.



The light shown has the motion sensor directly attached to the light soffit.

If the facility is located in a warm climate, florescent lights may be used.

In colder climates or for greater energy efficiency, LED lighting is a better choice.



Electrical & Lighting

Lights should be installed in the center of the hallway. The electrician needs to provide supports that tie into the structural purlin.



The lights can be attached directly to the corridor. However, this lighting is not recommended because the light will only shine into one side of the corridor.

A continuous row of lights are attached to the flush panel, which provides plenty of light into each unit.



This customer supplied his own ceiling with recessed lights. It is recommended that if this method is chosen, to install the lights every four panels.



This soffit ceiling features 1'x4' troffer lights provided by Trachte.

Trachte can supply a 3' wide soffit ceiling with a 4' recessed high efficiency T8 light. 1x4' troffer LED lights are available from outside vendors.

Trachte can provide a complete flush ceiling in which the lights are mounted directly to the 24-gauge panel.

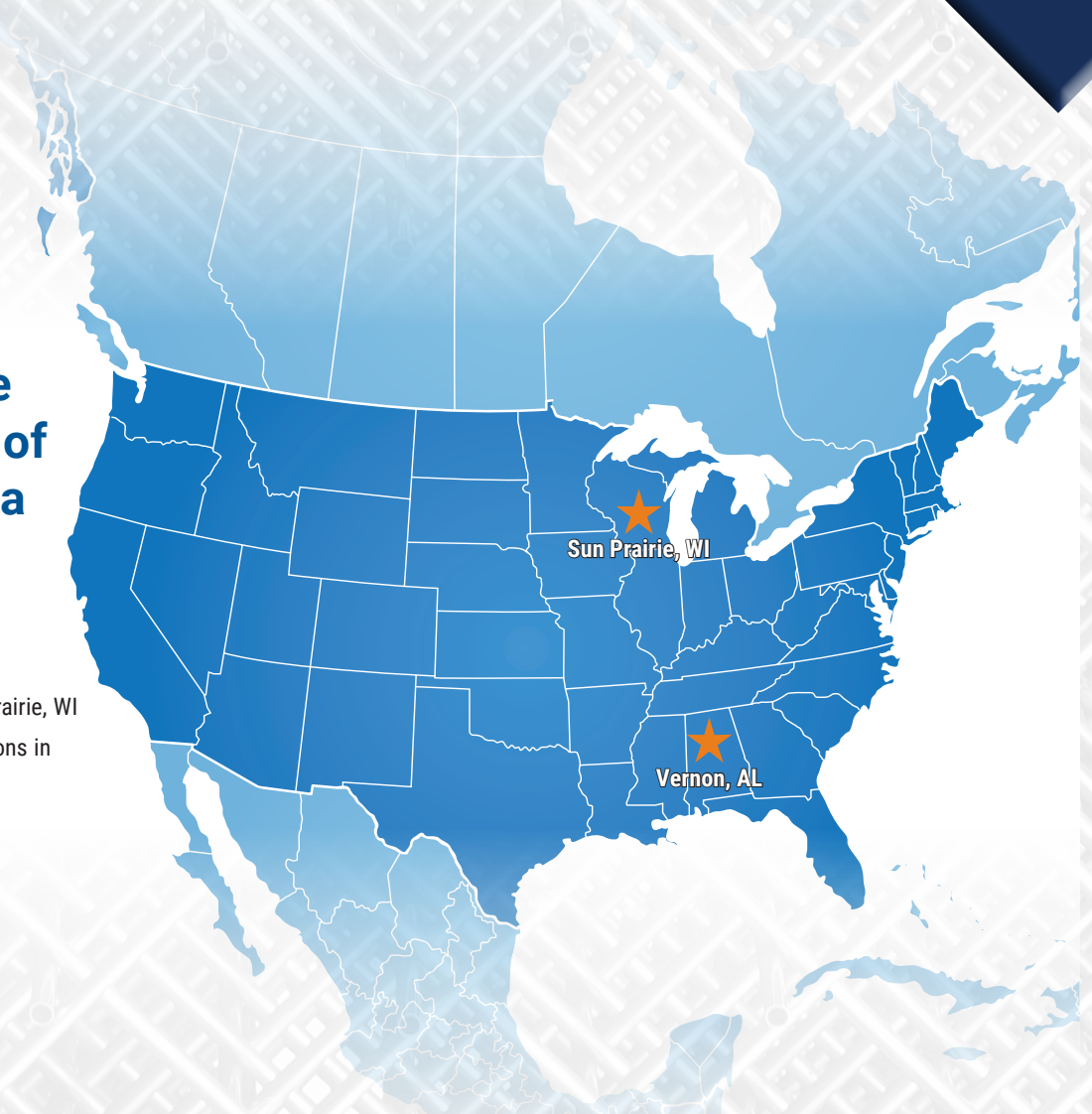
Your electrician will also need to install emergency egress lighting and exit signs per your local codes.



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throughout all of
North America**

Trachte is headquartered in Sun Prairie, WI
and have opened additional locations in
Madison, WI and Vernon, AL.



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:

