Chapter 327 – Camping Units

Part II – Construction standards
SPS 327.20

**SPS 327.20  Loads and materials.** Every camping unit shall be designed and constructed in accordance with the requirements of this section.

Table 327.20-1

<table>
<thead>
<tr>
<th>Component</th>
<th>Live Load (pounds per sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floors</td>
<td>40</td>
</tr>
<tr>
<td>Exterior balconies and porches</td>
<td>40</td>
</tr>
<tr>
<td>Ceilings (with storage)</td>
<td>20</td>
</tr>
<tr>
<td>Ceilings (without storage)</td>
<td>5</td>
</tr>
</tbody>
</table>
SPS Table 327.20-2

- Minimum Fastening schedule
- A re-print of Table SPS 321.02 – 2.
- No change from the UDC requirements.
SPS 327.21 – Exiting

• First floor shall be provided at least 1 exit and 1 egress window.

• Lofts shall be provided at least a ladder to the floor below.

• Egress window sizing the same as SPS 321.03 (6). (no change from UDC)
Exit door and Egress Window
SPS 327.24 – Ceiling Heights

• Requirements the same as the UDC for habitable spaces, however, loft areas do not need to comply.
SPS 327.26

• SPS 327.26  **Smoke detectors. (1)** A listed and labeled smoke alarm shall be installed in all of the following locations:
  
  •  **(a)** If a camping unit has a loft, an alarm shall be installed inside the loft. An alarm is not required to be installed outside of the loft.
  
  •  **(b)** On a floor level that contains one or more sleeping rooms, an alarm shall be installed inside each sleeping room and an alarm shall be installed outside of the sleeping rooms.
  
  •  **(c)** An alarm shall be installed on a floor level that does not contain a sleeping room.
SPS 327.27 – Carbon Monoxide Alarms

• **(1) General.** A listed and labeled carbon monoxide alarm shall be installed within 10 feet of a fireplace or fuel-burning appliance.

• **(2) Electrical Service.** If electrical service for a camping unit is provided by a public utility, a carbon monoxide alarm required under sub. (1) shall be continuously powered by the camping unit electrical service and shall have a backup battery power supply.
SPS 327.31 – Wood Frame Floor Design

• Wood frame floor design was taken from the UDC wood frame floor design requirements. (SPS 321.22)
SPS 327.32 - Decks

• **(1)** A deck shall be constructed to support the actual dead load and a minimum live load of 40 pounds per square inch acting on it without exceeding the allowable stresses of the material.

• **(2)** A deck attached to a camping unit shall have a ledger attachment that meets the requirement under sub. (1).

• **(3)** Corrosion-resistant flashing shall be installed where a deck attaches to the wall or floor assembly of a camping unit.

• **(4)** The handrail and guard requirements of s. SPS 327.22.

• **(5)** The decay protection requirements of s. SPS 327.28.
SPS 327.33 – Exterior coverings

• Requirements for permanent weather resistant finish, flashing, and water resistant barrier, are taken from UDC design requirements of SPS 321.24.
SPS 327.34 – Wood Frame Walls

• The wall bracing design requirements of SPS 321.25 are not part of the design requirements of Camping Units.
SPS 327.35 – Roof Design and Framing

• Roof design and framing requirements are very similar to those of SPS 321.27. Requirements for rafters, trusses, and shingles all take from UDC requirements.
That’s It For Part II.

• Thank you for your time and attention.

• Are there any questions.

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