

1.2-5.2.2 The planning process for new and renovated residential health, care, and support facilities shall include:

1.2-5.2.2.1 Evaluation of building location related to exterior noise

1.2-5.2.2.2 Evaluation of interior noise sources, including the following:

- (1) Elevators and their proximity to resident rooms
- (2) HVAC fans and other MEP building systems
- (3) Noise-generating appliances, whether for private, communal, or facility use
- (4) Community and staff work spaces proximate to resident rooms

1.2-5.2.2.3 Verification of compliance with the functional program needs of the care population and staff

1.2-5.2.3 See Section 2.5-8 (Acoustic Design Systems) for additional requirements.

1.2-5.3 Thermal Conditions

1.2-5.3.1 General

The planning of new and renovated residential health, care, and support facilities shall include identification of the staff's and residents' desired outcomes and level of control of systems that contribute to thermal conditions and human comfort.

1.2-5.3.2 The planning process for new and renovated residential health, care, and support facilities shall include:

1.2-5.3.2.1 Evaluation of care population in relation to thermal conditions

1.2-5.3.2.2 Evaluation of building systems that affect thermal conditions

1.2-5.3.2.3 Evaluation of building systems that affect thermal controls in resident rooms, staff areas, and common spaces

1.2-5.3.2.4 See Section 2.5-3.1.2 (Ventilation and Space Conditioning) for additional requirements.

1.2-5.4 Indoor Air Quality Planning

1.2-5.4.1 Planning for new and renovated residential health, care, and support facilities shall include identification of all interior factors and building systems that affect indoor air quality (IAQ).

1.2-5.4.2 The planning process for new and renovated residential health, care, and support facilities shall include:

1.2-5.4.2.1 Evaluation of care population in relation to indoor air quality

1.2-5.4.2.2 Establishment of IAQ goals for the facility

1.2-5.4.3 See Section 2.2-2.4 (Indoor Environmental Quality) for additional IAQ requirements.

1.2-5.5 Planning for Sustainability

*1.2-5.5.1 Requirement

Planning for new and renovated residential health, care, and support facilities shall include establishment of sustainability goals by an integrated stakeholder team.

1.2-5.5.2 Planning for Sustainability Process

The planning process for new and renovated residential health, care, and support facilities shall include these steps:

strategies. To meet these objectives, care provider organizations should use an integrated project delivery process and develop an interdisciplinary design team to guide facility design. The intent of integrated project delivery is to improve building performance by including design and construction considerations from project inception.

APPENDIX

A1.2-5.5.1 Sustainability planning. A growing body of knowledge is available to help design professionals and care provider organizations that provide residential health, care, and support services understand how buildings affect human health and the environment and how negative effects can be mitigated through a variety of