

ENTRANCES, BUILDING

On-Grade Entrances: The floor level(s) of new structures and major additions to existing structures should be established at an elevation, and integrated with the final topography of the site, whereby steps or switchback ramps are not required in the exterior approach path to any significant point of egress to the building. This requirement should be implemented in a way which still provides for positive drainage away from the building of paved areas, lawns, and planting areas.

Wind Protection: Each building entrance that is used by the public shall be recessed or shall incorporate exterior wing walls as required to adequately protect it from the wind. Even the best closer cannot consistently close a door against a strong wind. Neither can the best hinges last long on a door that is not protected against the forces of the wind.

High-Usage Public Entrances: In addition to wind protection, each high-usage public entrance shall incorporate a vestibule with two sets of doors to provide an air-lock to accomplish energy conservation and occupant comfort. Each vestibule shall be served by one or more dedicated heating units. However, this shall be accomplished in a manner that minimizes the potential for freezing the heating equipment and/or associated piping. Consideration shall also be given to freeze protection of sprinkler piping and/or any other piping located above the vestibule ceiling.

Low-Usage Public Entrances: Each low-usage public entrance shall be served by one or more dedicated heating units.

Service Entrances: Each large service entrance with overhead doors (or equivalent) that allows large quantities of outdoor air infiltration shall be accompanied by a heated receiving room. The same considerations regarding freeze protection shall be applied here. Each smaller service entrance shall be provided with a heated vestibule unless the frequency of usage is expected to be low, in which case it shall simply be served by one or more dedicated heating units as required for a low-usage public entrance.

Canopies: Glass canopies are not permitted. All canopies shall slope away from the building.

Security: All building entrances shall be equipped with card access controls in accordance with UND Police requirements. Doors not controlled by card readers shall have door positions switches to monitor doors being propped open. Close circuit security cameras shall be designed and provided in accordance with UND Police requirements. Entrance door hardware shall be provided which prevent doors from being chained shut together.