

## 2024 Building Code Update Proposed Local Amendments

| Code | Proposed Local<br>Amendment   | Staff Analysis   |
|------|---|--|
| IRC  | IRC local amendment is designed to improve Visitability in new residential construction.                    | This code section is more restrictive than the 2018 version and provides increased accessibility to first floor powder rooms/washrooms for individuals with physical disabilities or who may use mobility devices. This applies only to new construction. <b>Staff recommends a local amendment to R322.2 (formerly R320.2) to include a requirement for a 32" clear path in front of the sink, toilet, and shower in a 1<sup>st</sup> floor washroom in new construction.</b> |
| IRC  | IRC local amendment is designed to improve Visitability in new residential construction.                    | This code section is more restrictive than the 2018 version and provides increased accessibility of first floor hallways to individuals with physical disabilities or who may use mobility devices. This applies only to new construction. <b>Staff recommends a local amendment to R322.2 (formerly R320.2) to include a requirement for a minimum 42" hallway width on 1<sup>st</sup> floor of new construction.</b>   |
| IPC  | Several IPC local amendments are proposed to address additional requirements for re-lining sanitary sewers. | The City of Naperville uses the International Plumbing Code when the Illinois Plumbing Code does not address the matter. Section 717 of the 2024 International Plumbing Code has been amended to better encompass City requirements when re-lining building sewers. <b>Staff recommends local amendments to section 717 of the 2024 International Plumbing Code to specify the requirements of re-lining building sewers.</b>  |
| IPC  | Local IPC amendment clarifies minimum plumbing fixtures are to be calculated using Illinois Plumbing Code   | Uncertainty often exists by design professional whether the International Plumbing Code or the Illinois Plumbing Code is to be used for minimum plumbing fixture calculations. <b>Staff recommends the proposed amendment to the International Plumbing Code deleting Section 403 in its entirety requiring minimum fixture calculations performed by the Illinois Plumbing Code.</b>  |
| IFC  | Local IFC amendment requires automatic fire sprinklers in commercial parking garages.                       | Due to the proliferation of electric vehicles and associated difficulties in fire-fighting operations. <b>Staff recommends a local amendment to Section 903.2.10 of the 2024 International Fire Code Group S-2 enclosed parking garages: Change to read: All new parking garages per the National Fire Protection Association (NFPA) 88A shall require automatic fire sprinklers.</b>  |

| <b>Code</b> | <b>Proposed Local Amendment</b>   | <b>Staff Analysis</b>  |
|-------------|---|--|
| IEBC        | Clarification for an existing amendment requiring a legal agreement to install a fire suppression system for existing commercial buildings. | <p>An amendment currently exists in Section 901.1.1 of the International Building Code (IBC) requiring an agreement to install a fire suppression system to the remainder of a building with 10 years when alterations are performed to unrelated portions of that same building. This amendment was removed from the IBC, clarified and moved to the International Existing Building Code (IEBC) section 301.3.4-Fire Suppression Agreements</p> <p><b><i>Staff recommends a local amendment to the IEBC clarifying the language requiring an agreement for commercial fire suppression agreements.</i></b></p>   |
| ISPSC       | Continue to require perimeter fencing requirements in addition to a lockable safety cover being installed on a residential swimming pool.   | <p>Section 305 of the 2024 International Swimming Pool and Spa Code (ISPSC) continues to provide an exception to pool barriers if a lockable cover is present. <b><i>Staff recommends maintaining the prior 2018 local amendment to continue to require perimeter barriers even if a lockable safety cover is provided, as this requirement maintains better life safety provisions. Staff recommends maintaining current code requirements for pool barriers.</i></b></p> <p><b><i>Keep current amendment:</i></b><br/> <b><i>305.1 (Barrier Requirements) General Change to read: The provisions of this section shall apply to the design of barriers for all aquatic vessels. These design controls are intended to provide protection against the potential drowning and near drowning by restricting access to such vessels. These requirements provide an integrated level of protection against potential drowning through the use of physical barriers and warning devices.</i></b></p> <p><b><i>Barrier exceptions:</i></b></p> <p><b><i>1. Spas or hot tubs with a lockable safety cover which complies with ASTM F 1346.</i></b></p> |
| IPMC        | Continue to require perimeter fencing requirements in addition to a lockable safety cover being installed on a residential swimming pool.   | <p>Section 303.2 of the 2024 International Property Maintenance Code (IPMC) has been created to mirror the pool barrier exceptions of Section 305 of the ISPSC as discussed above. <b><i>Staff recommends a local amendment to the 2024 IPMC deleting exception #2 which waives the requirement for a pool barrier if the pool has a power cover.</i></b></p> <p><b><i>303.2 Exception #2 - Delete in its entirety</i></b></p>   |