

Comparative Local Amendment Review

City of Alvin vs. Proposed City of Angleton 2024 ICC Code Adoption

Executive Summary

As part of the development of the proposed 2024 ICC Code Update Ordinance, City of Alvin's recently adopted 2024 ICC Codes was reviewed, as directed by the City Council. City of Alvin is a neighboring community with similar development patterns and construction activity.

The review determined that Alvin adopted numerous additional local amendments and optional ICC appendices that are more restrictive than those proposed for the City of Angleton.

Staff also contacted representatives from the City of Alvin regarding their experience implementing the updated codes. Their primary recommendation was that jurisdictions avoid adopting optional ICC appendices unless there is a demonstrated local need.

After reviewing Alvin's ordinance and considering staff feedback, the proposed Angleton ordinance retains the nationally recognized ICC standards while limiting local amendments to those necessary to address local operational needs.

Side-by-Side Comparison

Topic	City of Alvin	Proposed Angleton
2024 ICC Codes	✓	✓
Additional Local Amendments	Numerous	Limited
Optional ICC Appendices	Adopted	Not Proposed
Staff Recommendation	Avoid future appendix adoption	Avoid future appendix adoption
Overall Regulatory Approach	More Restrictive	Balanced / Performance-Based

Significant Local Amendment Comparison

International Building Code (IBC)

Requirement	Alvin	Angleton
Adopted Appendices	C, G, I and J	None proposed

International Residential Code (IRC)

Requirement	Alvin	Angleton
Optional Appendices	CA, CB, BA, BF, BO, BD and CF	None proposed

Residential Egress Doors

Requirement	Alvin	Angleton
Minimum exterior exit doors	Two required	ICC standard (one required)

Concrete Foundation Strength

Requirement	Alvin	Angleton
Minimum concrete strength	3,000 psi	ICC standard (2,500 psi)

Gas Meter Shutoff Valve

Requirement	Alvin	Angleton
Shutoff valve location	Outside structure between meter and building	ICC standard requirements; shutoff valve required located on the supply side of the meter

Why This Matters

- Adopts the latest nationally recognized 2024 ICC Codes.
- Maintains consistency with surrounding jurisdictions.
- Avoids unnecessary local amendments that increase construction costs.
- Reduces administrative complexity for builders, designers, and inspectors.
- Preserves flexibility for future amendments if local conditions warrant additional regulations.

Summary

After reviewing neighboring jurisdictions and discussing implementation with City of Alvin staff, the proposed ordinance reflects a balanced approach to code adoption. While the City of Alvin elected to adopt numerous additional local amendments and optional appendices, those additional requirements may not necessary to achieve the City of Angleton’s public safety objectives. The proposed ordinance adopts the current ICC Codes while limiting local amendments to those needed for local administration and enforcement, providing clear and consistent regulations that support safe construction and continued economic development.