

# City of Friendswood



## Application Requirements and Submittal Guidelines for New Single Family Residential

All permit application submittals should be made through the [Online Permit Portal](#).

**All plans must reference and comply with current City of Friendswood Codes including the ultimate design wind speed in addition to state adopted codes and TDI requirements.**

### **Plans must include the following:**

- Site plan indicating all lot lines, existing and proposed structures, easements, pipelines within 50-feet, setbacks and building lines. Site plan shall be drawn to scale.
- Energy code compliance documents from a third party energy inspector/reviewer.
- Certificate of Elevation #1, if property is located in Flood Zones A or AE. Properties located in the Floodway require a hydrologic and hydraulic study (H&H).
- Texas Department of Transportation (TxDOT) permit, if applicable. FM 2351, FM 518, FM 528
- Manual – j calculations and Mechanical layout
- Electrical load analysis
- Plumbing drain and vent riser diagram
- Gas riser diagram (showing Appliance Btu's, total Btu's, Pipe lengths, and Developed Length)
- Architectural plans and details
- Engineer certified windstorm design
- Engineer certified framing plans
- Engineered foundation plans and details

### **Electronic Submittal Requirements:**

#### **DOCUMENTS to be combined into ONE multipage file:**

- ResCheck/Manual J
- Electric load analysis

#### **PLANS to be combines into ONE multipage file:**

- Site plan
- Gas riser diagram
- Plumbing Isometric
- Architectural plans
- Civil plans
- Mechanical/Electrical/Plumbing plans

**\*Separate trade permits are required.**

**Adopted Codes:**

2018 International Building Code including the following appendices: C, G and I

2018 International Residential Code

2018 International Plumbing Code

2018 International Mechanical Code

2017 National Electrical Code

2018 International Fire Code

2018 International Fuel Gas Code

2018 International Life Safety Code

2018 International Energy Conservation Code