

# New Single-Family Dwellings & Additions Permit Submittal Requirements

Codes

Ankeny Residential Code  
Ankeny Mechanical Code  
Ankeny Electrical Code  
Ankeny Plumbing Code  
Ankeny Energy Code

Required Submittals

Application  
Site Plan  
Building Plans  
Energy and HVAC (S,D,J) Design Documents  
Elevation Certificate (as applicable)  
COSECO and SWPPP – erosion control document

**Table R301.2, Climatic and Geographic Design Criteria**

Ground Snow Load	Wind Design				Seismic Design Category	Subject To Damage From			Ice Barrier Underlayment Required	Flood Hazards NFIP Adoption	Air Freezing Index	Mean Annual Temperature
	Speed MPH	Topo Effects	Special Wind	Wind Debris		Weathering	Frost Line Depth	Termite				
*30 psf	114 (51)	No	No	No	A	Severe	42"	No	Yes	1-Feb-19	1833	48.6

See Manual J for HVAC Design Criteria

\* minimum flat roof snow load 24 PSF

	Permit Bldg App	Site Plan	MPE/ Floodplain Certification	COSECO & SWPPP	Energy Audit RESCheck, REM/Rate	Manuals 'S', 'D' & 'J'	Floor Plans	Foundation Plan	Wall Section	Smoke Detector **	CO Detector	Egress, Window(s) Sizes	Structural Details	Insulation Types
New House	X	X	As applicable	X	X	X	X	X	X	X	X	X	X	X
Addition to House	X	X	As applicable		X		X	X	X	X	X	As applicable	X	X
Attached Garage	X	X	As applicable					X	X	X	X		X	
Detached Garage	X	X	As applicable					X	X				X	
Covered Deck/Porch	X	X	As applicable					X					X	
Open Deck	X	X	As applicable					X					X	
Enclosed Porch	X	X	As applicable				X	X	X	X	X	As applicable	X	X
Screen Porch	X	X	As applicable				X	X	X				X	
Interior Remodel	X						X			X	X	As applicable	As applicable	As applicable
Basement Finish	X						X			X	X	X	As applicable	X

**\*\*SMOKE ALARMS and CARBON MONOXIDE ALARMS REQUIRED IN EXISTING HOUSES**

**Additions, alterations, or repairs:** When interior alterations, interior repairs, or additions requiring a permit occur, or when a sleeping room is added or created, smoke alarms and carbon monoxide alarms shall be provided throughout in the locations as required for new homes.

**Power:** In new construction, smoke alarms shall receive their power from the house wiring and shall be equipped with battery backup. Smoke alarms may be solely battery operated when installed in existing buildings undergoing repairs or alterations, provided interior wall and ceiling finishes are not being removed and further provided there is no attic, crawl space or basement available that could provide access for hard wiring and interconnection. Smoke Alarms and Carbon Monoxide Alarms must be installed and be operational prior to final inspection.

**NOTE:** Smoke alarms shall have 10-year tamper-proof batteries and shall be UL 217 listed. Carbon monoxide alarms shall be UL 2034 listed.

**SPRINKLERS REQUIRED** – New Single Family Dwellings greater than 8,000 square feet must be sprinklered.