

# Veenstra & Kimm Engineering

3000 Westown Parkway  
West Des Moines, IA 50266-1320  
515 225-8000

## REQUIRED BUILDING INSPECTIONS (Residential New Construction)

- Footings .....Prior to pouring concrete, after forms and rods.
- Footing Walls.....Prior to pouring concrete, non centered uprights tied to center
- Deck post holes.....Prior to pouring, at least 42" deep.
- Electrical Temp Pole.....No Inspection needed.
- Tar Tile Gravel.....Prior to Backfill (may be done with plumbing ground work)
- Sewer/Storm/Water.....Drainage pipe with 10ft head, gravel bed, Tracer wire on Pex,
- Groundwork.....10ft head wet test or air test, gravel bed, staked down.
- Shear Wall Nails.....Inspect before house wrap. Every 3", #8s. including sill plate. Straps on headers
- Plumbing Rough.....Prior to insulation, wet test 10ft head or an air test.
- Electrical Rough.....Prior to insulation, Ground, Panel & Meter box installed
- HVAC Rough.....Prior to insulation
- Framing Rough.....Prior to insulation, after all mechanicals roughed in.\*
- Insulation.....Prior to drywall. **No VK inspection needed if Performance test is done.**  
(Send us Data before Final)
- Sidewalk & Approach.....Prior to pouring concrete, granular compacted gravel, Stop Box sleeved. (see SUDAS)
- Final.....Structure may not be occupied until final inspection and Certificate of Occupancy has been issued.

**Call V&K at 515 225-8000 to schedule an inspection**

**Inspections are between 8:00 and 4:30pm M-F**

***Note:** Some cities require water meter set before rough-in inspections. Check with City Hall.  
Temporary **safety railings** are required around open stairwells **before** mechanicals are installed!*

**As of January 1<sup>st</sup> 2016 most cities will have adopted the 2015 IRC & IBC Building Codes, IPC Plumbing code and 2014 NEC. (State of Iowa inspects Electrical for cities listed below with an asterisk).**

**Bondurant - Elkhart - Granger - Dallas Center - Martensdale – Panora\*  
Prairie City - Roland - Stuart - Van Meter\* - Windsor Heights\***