

# REQUIRED BUILDING INSPECTIONS

(Residential New Construction)

## Veenstra & Kimm Engineering

3000 Westown Parkway  
West Des Moines, IA 50266-1320  
515-850-2980

Portable toilet, posted house numbers and dumpster required on job sites.

- Temp Pole.....GFCI protect ALL outlets, 2 ground rods and Label/Address visible from street.
- Footings .....Prior to pouring concrete, after forms, re-bar and ufer ground are set and tied.
- Foundation Walls.....Prior to pouring concrete, non-centered uprights tied to center.
- Deck post holes.....Prior to pouring, at least 42" deep (if attached to house.)
- Tar Tile Gravel.....Prior to Backfill (**may be inspected during plumbing ground work**)
- Sewer/Storm/Water.....Drainage pipe with 5ft head, 4" gravel bed, Tracer wire on PEX.
- Groundwork.....5ft head wet test or air test, 4" gravel bed, staked down.
- Plumbing Rough.....Prior to insulation, wet test 5ft head or air test 5psi. Pex, air or water 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.
- Sidewalk & Approach.....Prior to pouring concrete, granular compacted gravel. Stop Box cap sleeved with metal.
- Final**..... Structure may not be occupied until Final Inspection has been completed and Energy Code Compliance Certificate issued.

May be done together

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**Call V&K at 515-850-2980 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> 2019 most cities will have adopted the 2015 IRC & IBC Building Codes.**

**(State of Iowa inspects Electrical for cities listed below with an asterisk).**

**Bondurant - Cumming - Dallas Center - Earlham - Elkhart - Granger - Martensdale - Mitchellville - Monroe - Osceola - Panora\* - Roland - Stuart\* - Van Meter - Woodward**