

# REQUIRED COMMERCIAL BUILDING INSPECTIONS

## Veenstra & Kimm Engineering

3000 Westown Parkway  
West Des Moines, IA 50266-1320

515-850-2980

### Site Inspection..... Erosion Control, Portable Toilets, Dumpster, Temp Address

Temp Pole..... All outlets GFCI protected, 2 Ground rods, address/label visible from street

Footings ..... Prior to pouring concrete, after forms, rods and insulation (if applicable)

Foundation Walls..... Prior to pouring concrete, non-centered uprights tied to center

Sewer/Storm/Water..... Drainage pipe with 10ft head, gravel bed, Tracer wire on Pex,

Groundwork Plumbing... 10ft head wet test or air test, gravel bed, staked down.

Groundwork Electric..... Check for proper depth of conduit/cable, Ground Rods

Plumbing Rough..... Prior to insulation, wet test with 10ft head **or** a 5psi–15 min air test.  
Water lines require water test at working pressure or 100psi air.

Electrical Rough..... Prior to insulation, Grounding/Bonding in place. (electrical released after)

HVAC Rough..... Prior to insulation. 1-1/2 time working pressure gas test. See IFGC406.4

Framing Rough..... Prior to insulation, after all mechanicals roughed in.

Insulation..... Prior to drywall

Sidewalk & Approach..... Prior to pouring concrete, granular compacted gravel, metal StopBox cone. (see SUDAS)

Final..... No structure may be occupied until final inspection and **Certificate of Occupancy** has been issued. Project manager to keep records of all **special inspections** and transfer to us at completion of project.

**Call V&K at 515-850-2980 to schedule an inspection**

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

*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 along with the 2017 NEC Electrical Code**

The State of Iowa inspects Electrical for the cities below **with an asterisk\***

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