



MINIMUM REQUIRED INSPECTIONS BY PROJECT

The following are the minimum construction inspections that are required as indicated in Part 1 of the Virginia Uniform Statewide Building Code (VUSBC). This inspection matrix *is not* intended to be all inclusive list, but is meant to supply general guidelines for the typical inspections of standard construction projects.

The inspections are listed in somewhat of the order of when they should be scheduled, but on occasion an inspection may be requested prior to a complete rough-in inspection. For an example the *Braced Wall Line* maybe scheduled prior to rough-ins in order to install house wrap and flashings.

If you have questions please contact **Building Services** for assistance. All inspections *must be scheduled & passed*, prior to concealment. Inspections can be scheduled by any interested party, but the ultimate responsibility for ensuring all inspections have been schedule and completed lies with the *permit holder* (VUSBC 113.1.2).

The **approved plans** shall be on site for *each and every* inspection. All work shall conform to the current edition of the Virginia Uniform Statewide Building Code whether shown or not.

Third-party inspectors pre-approved by the City of Fredericksburg, may perform the following inspections; footing, foundation walls, concrete slabs, foundation waterproofing, interior and/or drain tile and backfill, according to the Third Party Inspection Policy. The permit holder is responsible for all costs associated with retaining the Third Party Inspector.

New Residential

First Erosion
Inspection may be performed by approved 3rd Party Agency
*Footing/House
*Waterproofing (drain tile)
*Foundation Wall
*Slab/Porch/Patio
*Footing/Garage/Carport
*Footing/Deck/Porch
*Stoop
*Slab/On Grade/Basement
*Slab/Garage/Carport
*Area-way stairs/slab
Sill Plate (before framing)
Wall Check - Prior to Framing (see policy)
Ice Shield (Prior to installing roof covering)
Plumbing/ Groundwork's
Plumbing Rough-in (DWV)
Plumbing/Water Line
Plumbing/Sewer Line
Mechanical/Rough-in
Mechanical/Gas Line/Inside
Mechanical/Tanks/Propane
Mechanical/Gas Line/Outside
Insert/Thimble/Woodstove
Fireplace/Prefab (Instruction manual on site)
Fireplace/Hearth/Throat
Electric/Rough-in
Electric/Meter Permanent
Electric/Steel & Bonding/Ufer
Site Trenching/Conduit/Residential
Electric Sub-panel
Fire Wall / Separation / Pre-Rock
Framing
Braced Wall Line/Wind Bracing
House Wrap - Air Barrier / Flashing of openings
Insulation
* Soils Remediation Certification – (if applicable - Report shall be received prior to scheduling Final's)
Pre-Meter & Permanent Water Meter Set (Public Works)
Site Final (Erosion & Public Works)
Final (Building & Trades)

Finished Basement

Plumbing Groundwork's
Plumbing/Rough-in
Mechanical/Rough-in
Electric/Rough-in
Electrical Subpanel (if applicable)
Insulation
Final (Building & Trades)
*** May need emergency egress to be added in the existing foundation wall. Requires structural design and inspections.

Decks

Footing
Framing / Band board verification
Final
** Framing inspection only required if deck is four foot or less from grade. Screened-in decks and decks with associated structures (hot tubs, trellis', gazebos, etc.) regardless of height from grade, requires framing.

Swimming Pools

Footing / Backfill
Mechanical/Rough-in
Gas line for heater / will need permit
Electric/Rough-in
*Electric/Steel & Bonding/Ufer
Site Trenching/Conduit/Residential
Final (All Trades)
*If decking installed around pool perimeter with metal reinforcement (rebar/wire), this must be inspected at this time

New Commercial

First Erosion
*Inspections shall be performed by 3rd Party Special Inspector Unless otherwise approved by Building Official.
*Footing
* Waterproofing (drain tile)
*Foundation Wall
*Slab/Porch/Patio
*Footing/Garage/Carport
*Footing/Deck/Porch
*Stoop
*Slab/On Grade/Basement
*Slab/Garage/Carport/Barn
*Braced Wall Line/Wind Bracing
*EIFS - (Exterior Insulation Finishing System)
Building Wrap - Air Barrier / Flashing of Openings
Plumbing/Rough-in
Plumbing Groundwork's (to include trap primers, grease trap)
Plumbing/Water Line
Plumbing/Sewer Line
Plumbing above Ceiling
Storm Drains
Mechanical/Rough-in
Mechanical/Gas Line/Inside
Mechanical/Tanks/Propane/Oil
Mechanical/Gas Line/Outside
Mechanical above Ceiling
Electric/Rough-in
Electrical above Ceiling
Electric/Meter Permanent
Electric/Steel & Bonding/Ufer
Site Trenching/Conduit
Electric Sub-panel
Over 400 amps Torque Inspection Required
Electric Sub-panel
Fire Wall / Separation / Pre-Rock / RC- Hat Channel (if applicable)
Framing
Dampers (if applicable)
Insulation
Permanent Water Meter Set
Fire Final
Site Finals (PW, Erosion, Planning & Zoning)
Final (Building & Trades)

Fire Marshall

Sprinkler Line Rough-In (Inspects system per plan & heads for excessive glue)
Hydro Test (System tested after rough-in passes)
Flush Test
Low Voltage Rough-in (box placement for devices & size/type of wiring)
Above Ceiling Close-In (Inspect for any issue prior to ceiling tile being dropped)
Elevator Inspection (if applicable)
Alarm Panel
Fire Site Final
Fire Final

Public Works

Fire Line (visual & hydro test from City main to include the 90 degree turn up into the BLD.)
Sewer Lateral (City main to first clean-out/stand pipe in ROW)
Water Line (in the City ROW)
Drive Ways/Curb Cuts (in the City ROW)
Side Walks (in the City ROW)
Strom Drains (in the City ROW)
Pre-Set (Meter Barrels and Yokes)
Site Final
Public Works does not look at any issues located on private property