

RESIDENTIAL BUILDING INSPECTION MATRIX

Residential Project

Inspection Code	Inspection Type	When an inspection is required	What is being inspected	Residential Project															
				House	Townhouse	Additions	Garage	Carport ⁴	Deck/Porch ³	Screened Porch CAT I	Sunroom (Isolated) CAT II & III	Sunroom (Conditioned) CAT IV & V	Porch Roof	Shed ³	Finishing Attic/Basement	In-ground pool & Enclosure	Above-ground pool & Enclosure		
010	Poured Wall	Prior to placement of concrete. For walls >5ft in height an RDP inspection is required	Placement, size and depth of forms; Size, spacing, clearances and support of rebar	▲	▲	▲	▲												
025	Interior Braced Wall	Prior to concealment of bracing elements (wood structural panel and gyp. only) and/or fastening.	Approved bracing method; Floor and ceiling connections; Fastener spacing and pattern.	▲	▲	▲													
030	Firewall Framing	Prior to insulation inspection	Conformance with approved firewall assembly	▲	●	▲	▲												
040	Firewall Insulation	Prior to or along with entire house insulation inspection	Conformance with approved firewall assembly	▲	●	▲	▲												
095	Deck Footing ¹	Prior to placement of concrete footing or solid pier block	Excavations are clean, dry, level, free of dirt and debris, of proper size and depth, rebar is installed (if applicable) and supported properly. House band is pressure-treated or properly flashed.	●	●	●				●	●		▲						
100	Footing ¹	Prior to placement of concrete, CMU block or stone for pre-manufactured walls	Excavations are clean, dry, level, free of dirt/debris, of proper size and depth, rebar is installed (if any) and supported properly; Grounding rod (UFER)	●	●	●	●	●	●	▲	●	●	▲	●			●		
105	Slab	Prior to placement of concrete	Area is free of debris and vegetation; Soil is compacted; 4" (min.) gravel, vapor barrier, perimeter slab insulation and welded-wire fabric/rebar (if applicable)	●	●	●	●	▲					▲						
110	Projection	After installation of foundation wall; Prior to any backfilling	2" projection provided on both sides of foundation wall/piers; 6" projection at masonry fireplace	●	●	●	●	▲	●	●	●	●	▲	▲					
115	Drain tile ²	Prior to backfilling/concealment	Can be installed on inside or outside of foundation wall. Drain tile and filter cloth installed with 2" gravel below/6" gravel on top of drain tile	▲	▲	▲	▲						▲						
116	Waterproofing ²	Prior to concealment	Installed per Manufacturer's installation instructions. Waterproofing to extend from top of footing to finished grade.	▲	▲	▲	▲						▲						
120	Foundation	Prior to installation of framing materials	Wall and pier construction; Installation/spacing of anchor bolts or straps; Location of vents and access opening; Grading of crawl space	●	●	●	●	▲	▲	▲			●	▲					
125	Veneer	Prior to installation of any exterior wall covering	Exterior wall sheathing; Water resistive barrier (sealed and taped); Flashing, windows and doors installed; Ledger attachment to band; Safety Glazing installed in hazardous locations	●	●	●	●	▲		●	●	●	▲	●	▲				

● Required Inspection



▲ Inspection may be required. Obtain clarification on required inspections from Plan review staff or Inspector at initial inspection.

To schedule, reschedule or cancel an inspection go to the "Inspections" tab in your customer portal in Henrico.gov/build or by calling the Automated Phone System at (804) 501-7770.

RDP = Registered Design Professional

