

◆ ◆ ◆ **REQUIRED INSPECTIONS** ◆ ◆ ◆

New Homes, Additions to Homes, Garages, Accessory Bldgs. Etc. (Any structure with frost footers)

1. **FOOTER INSPECTION:** After excavation, before pouring cement or before placing limestone (for pre-fab walls). Footers must be below frost line – 36".
 - a. Trench footer - Minimum of two rows ½" rebar horizontally, 1 foot up from bottom and 1 foot down from the top of footer.
 - b. Spread footer requires two rows ½" rebar horizontally evenly spaced across width of footer.
 - c. Perimeter drain tiles around basement and crawlspace footers **MUST HAVE AN APPROVED FILTER** membrane (sock). R10 insulation board required on inside of footers extending to frost line for conditioned space (ex: Heated space). Garages that are not heated do not require insulation in the footer.
2. **FOUNDATION INSPECTION: IF POURED** — After forms are set and rebar is in place, prior to pouring cement.
IF BLOCK — After blocks are laid.
Note: All basements are required to have a minimum of two egresses with one being directly to the outside even if there are no bedrooms in the basement.
3. **UNDERFLOOR PLUMBING INSPECTION:** Prior to pouring slab or floor (Leave fittings exposed).
4. **UNDERFLOOR HVAC:** Prior to pouring slab or floor. All joints must be sealed and visible for inspection.
5. **CRAWLSPACE ELEVATION INSPECTION IF IN THE FLOOD PLAIN:** Elevation of crawlspace needs verified before any framing is installed. Flood vent inspection: Verify elevation and quantity of flood vents.
6. **FLOORS** — Basement Floors, Slabs and Garage Floors (Prior to pouring). All heated areas require vapor barrier under slab.
7. **ROUGH FRAME:** When frame is complete and roof is in place. All trusses must be fastened to top sill plate using hurricane straps or truss screws.
8. **ROUGH ELECTRICAL INSPECTION:** Before enclosing walls with wallboard, paneling, etc. Note: ALL 110V OUTLETS in a laundry room (including washing machine outlet) and garage must be GFCI protected. The only exception is a single dedicated outlet for refrigerator or freezer. Need smoke and carbon monoxide detectors hard wired on each floor including basement. Smoke alarms need to be in each bedroom and immediately outside bedrooms in hallway. All detectors must be linked together.
9. **ROUGH PLUMBING INSPECTION:** Before enclosing walls with wallboard, paneling, etc. Note: STUTTER VENTS ARE NOT ALLOWED. External or wet vents required for all drain lines. The only exception is for island sinks.
10. **HVAC INSPECTION:** Adequate supply and return air ductwork. Ducts in unconditioned space must have minimum R-8 insulation. No return air ducting allowed in exterior walls. Gas pipe to furnace must be braced if drop is over 6 ft.
11. **FIREWALL INSPECTION:** Required for all attached garages and shop houses. Inspection must be done before ceiling is enclosed. Minimum thickness for firewall is 5/8" drywall on ceiling and 1/2 "drywall on garage side wall with all joints taped and mudded. 1/2" firewall must extend to top of rafter in the attic area if the ceiling does not have 5/8" drywall. Any penetrations or gaps in firewall must be sealed with fire blocking caulk or foam. Attic access panels and pull down ladders in garage & doors accessing residence from garage must meet 20 minute minimum fire rating.
12. **INSULATION INSPECTION:** Ceiling/roof, Wall, Floor/Foundation, Duct work (Minimum R-8) in unconditioned spaces.
13. **PERMANENT ELECTRICAL SERVICE INSPECTION:** Prior to Electric Company Hook-up. After meter base installed and wired into main disconnect or breaker panel. Note: Two ground rods required minimum of 6 feet apart unless Ufer rod is utilized. Ground wire must be continuous from both ground rods or Ufer rod to the first disconnect panel. Ground wire from disconnect and/or breaker panel to ground rods or Ufer rod **MUST NOT BE ROUTED** through meter base.
14. **GAS LINE INSPECTION:** Prior to Gas Company Hook-up. After pressure gauge is on and holds minimum 15# of pressure for 20 minutes. Gauge must be on at time of inspection and holding pressure.
15. **SEPTIC:** Final Inspection. County Health Dept. (260-636-2191 Ext # 3). Required prior to Certificate of Occupancy being issued.
16. **DRIVEWAY:** Final Inspection. County Hwy. Dept. (260-636-2124) or State Hwy Dept. (260-969-8255). Prior to CofO.
17. **FINAL INSPECTION: Prior to "Occupancy of Structure"**. Energy Compliance Certificate (applies to new homes, additions to homes and remodels) must be posted on Service Panel. If home does not have electricity, post inside kitchen cabinet door. If structure is in *Flood Hazard Area*, an *As-Built Elevation Certificate* is required prior to *Certificate of Occupancy*. All required smoke and carbon monoxide detectors must be linked together and operational. All floors and landings at exterior doors must be at least width of door and extend minimum 36" in direction of travel. If landing is more than 30" measured vertically to the floor or grade at any point within 36" horizontal to the edge of the open side, guards and handrails must be installed. Address must be posted with 4" high and ½" stroke width minimum and visible from the street or road fronting the property.

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Manufactured Homes

1. **FOOTER INSPECTION:** After excavation, before pouring cement or before placing limestone (for pre-fab walls). Footers must be below frost line – 36”.
 - a. Trench footer - Minimum of two rows ½” rebar horizontally, 1 foot up from bottom and 1 foot down from the top of footer.
 - b. Spread footer requires two rows ½” rebar horizontally evenly spaced across width of footer
 - c. Perimeter drain tiles around basement and crawlspace footers **MUST HAVE AN APPROVED FILTER** membrane (sock). R10 insulation board required on inside of footers extending to frost line for conditioned space (ex: Heated space). Garages that are not heated do not require insulation in the footer.
2. **FOUNDATION INSPECTION: IF POURED -** After forms are set and rebar is in place, prior to pouring cement.
IF BLOCK- After blocks are laid and anchoring devices are in place, prior to setting home.
Note: All basements are required to have a minimum of two egresses with one being directly to the outside even if there are no bedrooms in the basement.
3. **UNDERFLOOR PLUMBING INSPECTION:** In basement and/or crawlspace: Prior to covering up. Note: Vapor barrier required.
4. **CRAWLSPACE ELEVATION INSPECTION IF IN THE FLOOD PLAIN:** Elevation of crawlspace needs verified before home is set. Flood vent inspection: Verify elevation and quantity of flood vents.
5. **FLOORS —** Basement Floors, Slabs and Garage Floors (Prior to pouring). All heated areas require vapor barrier under slab.
6. **ROUGH FRAMING AND ROUGH ELECTRICAL FOR ATTACHED GARAGES AND/OR PORCHES:** When frame is complete and roof is in place. All trusses must be fastened to top sill plate using hurricane straps or truss screws. **ALL 110V OUTLETS** in garage must be GFCI protected. The only exception is a single dedicated outlet for a refrigerator or freezer.
7. **FIREWALL INSPECTION:** Required for all attached garages and shop houses. Inspection must be done before ceiling is enclosed. Minimum thickness for firewall is 5/8” drywall on ceiling and 1/2 “drywall on garage side wall with all joints taped and mudded. 1/2” firewall must extend to top of rafter in the attic area if the ceiling does not have 5/8” drywall. Any penetrations or gaps in firewall must be sealed with fire blocking caulk or foam. Attic access panels and pull down ladders in garage & doors accessing residence from garage must meet 20 minute minimum fire rating.
8. **PERMANENT ELECTRICAL SERVICE INSPECTION:** Prior to Electric Company Hook-up. After meter base installed and wired into main disconnect or breaker panel. Note: Two ground rods required minimum of 6 feet apart unless Ufer rod is utilized. Ground wire must be continuous from both ground rods or Ufer rod to the first disconnect panel. Ground wire from disconnect and/or breaker panel to ground rods or Ufer rod **MUST NOT BE ROUTED** through meter base.
9. **GAS LINE INSPECTION:** Prior to Gas Company Hook-up. After pressure gauge is on and holds minimum 15# of pressure for 20 minutes. Gauge must be on at time of inspection and holding pressure.
10. **SEPTIC:** Final Inspection. County Health Dept. (260-636-2191 Ext # 3). Required prior to Certificate of Occupancy being issued.
11. **DRIVEWAY:** Final Inspection. County Hwy. Dept. (260-636-2124) or State Hwy Dept. (260-969-8255). Prior to CofO.
12. **FINAL INSPECTION: Prior to “Occupancy of Structure”.** **If structure is in Flood Hazard Area, an As-Built Elevation Certificate is required prior to Certificate of Occupancy.** All required smoke and carbon monoxide detectors must be linked together and operational. All floors and landings at exterior doors must be at least width of door and extend minimum 36” in direction of travel. If landing is more than 30” measured vertically to the floor or grade at any point within 36” horizontal to the edge of the open side, guards and handrails must be installed. Address must be posted with 4” high and ½” stroke width minimum and visible from the street or road fronting the property.

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All Post Type Construction (Example: Pole Buildings) — (Exception: Residential structure - see new homes)

1. **FOOTER INSPECTION:** After holes are dug, prior to setting the posts, pre-fab columns or pouring for wet-sets. Posts must have treated 2x6 uplift blocks on 2 opposite sides at the bottom of the hole. (Post holes must be below frost line — 36" or to design requirements. Height of wall may require hole to be 48" below grade. Posts must be supported on 14" minimum diameter concrete cookies 6" thick or equivalent (ex: poured concrete or concrete mix). Engineered pads are also acceptable.
2. **ROUGH FRAME:** When frame is complete and roof is in place. All trusses must be fastened to top sill plate using hurricane straps or truss screws. Walls that are 14 foot and higher to trusses require corner bracing.
3. **FLOORS — Slabs and Garage Floors (Prior to pouring).** All underfloor plumbing must be inspected prior to covering. Vapor barrier is required if structure is heated.
4. **ROUGH ELECTRICAL INSPECTION:** Before enclosing walls with wallboard, paneling, etc. Note: ALL 110V OUTLETS in accessory structures must be GFCI protected. The only exception is a single dedicated outlet for a refrigerator or freezer.
5. **GAS LINE INSPECTION:** Prior to Gas Company Hook-up. After pressure gauge is on and holds minimum 15# of pressure for 20 minutes. Gauge must be on at time of inspection and holding pressure.
6. **PERMANENT ELECTRICAL SERVICE INSPECTION:** Prior to Electric Company Hook-up. After meter base installed and wired into main disconnect or breaker panel. Note: Two ground rods required minimum of 6 feet apart. Ground wire must be continuous from both ground rods to the first disconnect panel. Ground wire from disconnect and/or breaker panel to ground rods **MUST NOT BE ROUTED** through meter base.
7. **SEPTIC FINAL INSPECTION IF BATHROOM PLUMBING IS INSTALLED:** County Health Dept. (260-636-2191 Ext # 3). Required prior to final inspection.
8. **DRIVEWAY:** Final Inspection if it's a new drive. County Hwy. Dept. (260-636-2124) or State Hwy Dept. (260-969-8255).
9. **FINAL INSPECTION: When structure is completed, Prior to "Occupancy of Structure". If structure is in Flood Hazard Area, an As-Built Elevation Certificate is required prior to Certificate of Occupancy.**

Portable Buildings

1. **FRAMING, ANCHORING, ELECTRICAL AND FINAL INSPECTION:** Can all be done at the same time. Note: Anchoring is required on a minimum of two opposing corners. Portable sheds 20 feet or longer require anchors on four corners. Portable shed anchors must be a minimum of 30" long. 110 V electrical outlets must be GFCI protected.

Decks

1. **FOOTER INSPECTION:** After holes are dug, prior to setting the posts, pre-fab columns or pouring for wet-sets. Posts must have treated 2x6 uplift blocks on 2 opposite sides at the bottom of the hole. (Post holes must be below frost line – 36" or to design requirements. Posts must be supported on 14" minimum diameter concrete cookies 6" thick or equivalent (ex: poured concrete or concrete mix). Engineered pads are also acceptable.
2. **FRAMING AND FINAL INSPECTION FOR DECKS:** Can be done at the same time after deck is complete with railings and steps. For more detail on building codes for decks please request "Noble County Building Department Deck Requirements Handout."

Electrical Service and Upgrades

1. **PERMANENT ELECTRICAL SERVICE INSPECTION:** Prior to Electric Company Hook-up. After meter base is installed and wired into main disconnect or breaker panel. Note: Two ground rods required minimum of 6 feet apart unless Ufer rod is utilized. Ground wire must be continuous from both ground rods or Ufer rod to the first disconnect panel. Ground wire from disconnect and/or breaker panel to ground rods or ufer rod **MUST NOT BE ROUTED** through meter base.

Gas Line — New or Upgrades

1. **GAS LINE INSPECTION:** Prior to Gas Company Hook-up. After pressure gauge is on and holds minimum 15# of pressure for 20 minutes. Gauge must be on at time of inspection and holding pressure.

Solar Permits — Residential (Both Ground Mount and Roof Mount Panels)

1. **FOOTER INSPECTION:** Required ONLY if mounting requires post holes or concrete base.
2. **FINAL INSPECTION.** Solar power disconnects must be in place and properly labeled. Meter base must be labeled identifying solar power source and location.

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Generators

1. **GAS LINE INSPECTION:** After pressure gauge is on and holds minimum 15# of pressure for 20 minutes. Prior to Gas Company Hook-up. Gauge must be on and holding pressure at time of inspection.
2. **FINAL INSPECTION BEFORE POWER IS RECONNECTED:** Transfer switch installation must be complete. Meter base must be labeled identifying back-up power source and location. Generator disconnect must be readily accessible outside the dwelling unit, lockable in the open position and labeled. If current service only has one ground rod, a second ground ROD is required minimum of 6 feet apart unless Ufer rod is utilized. Ground wire must be continuous from both ground rods or Ufer rod to the first disconnect panel. Ground wire from disconnect and/or breaker panel to ground rods or Ufer rod **MUST NOT BE ROUTED** through meter base.

In Ground Swimming Pools

Note: Design plans for in ground swimming pools with diving equipment must be submitted for review to building department prior to obtaining building permit. Pools require approved safety barrier to provide protection against potential drowning by restricting access to pools. Approved safety barriers include a powered safety cover or a physical wall that is not less than 48 inches above grade and shall exist around entire perimeter of pool. Access gates and doors must open away from pool side and be self-closing with self-latching mechanism. Latch mechanisms mounted on exterior of barrier must be at least 54" above grade or be mounted on the pool side at least 3" below the top of the gate. Where a wall of a dwelling or structure serves as part of the barrier with doors or windows that access the pool then the dwelling must be equipped with an alarm that produces an audible warning when opened with a deactivation switch located no less than 54" above the threshold.

1. **FOOTER INSPECTION IF APPLICABLE:** Footers must be below frost line -36".
2. **UNDERGROUND PLUMBING INSPECTION:** Prior to covering up with fill or cement. Plumbing must meet Standard for Suction Entrapment Avoidance requirements in ANSI/APSP-7.
3. **ELECTRICAL BONDING INSPECTION:** Prior to covering up with fill or cement. Bonded parts shall be bonded together using 8 AWG minimum solid copper conductor. Conductive pool shells must have continuous bond on all four sides minimum uniformly spaced around the perimeter of the pool. Encapsulated reinforcing steel (rebar) in perimeter surface shall be bonded together by steel wires and attached to the conductive pool shell at minimum of 4 points uniformly spaced around the perimeter of the pool. All metallic components of the pool structure shall be bonded including underwater luminaires, pool covers, electrical equipment, and metal fittings for handrails, diving boards, slides, etc.
4. **FINAL INSPECTION:** When pool and equipment is installed and operational. This includes an approved safety barrier (Ex: Pool safety cover, fence, self closing gates, self closing latches, and or alarm system for pools with access from residence). GFCI protection is required on pool pump motors from branch circuits whether by receptacle or direct connection.

Above Ground Swimming Pools (42" or higher)

Note: Pools require approved safety barrier to provide protection against potential drowning by restricting access to pools. Approved safety barriers such as a physical wall that is not less than 48 inches above grade shall exist around entire perimeter of pool. Access gates and doors must be self-closing with self-latching mechanism. Latch mechanisms mounted on exterior of barrier must be at least 54" above grade or be mounted on the pool side at least 3" below the top of the gate. The wall of the pool structure shall be permitted to be the barrier provided the wall is at least 48" above grade and where access by means of a ladder or steps that is capable of being secured, locked, or removed to prevent access. Where a wall of a dwelling or structure serves as part of the barrier with doors and windows to access the pool then the dwelling must be equipped with an alarm that produces an audible warning when opened with deactivation switch located no less than 54" above the threshold.

1. **FOOTER INSPECTION FOR DECKS:** After holes are dug, prior to setting the posts, pre-fab columns or pouring for wet-set. Posts must have treated 2x6 uplift blocks on 2 opposite sides at the bottom of the hole. (Post holes must be below frost line – 36". Posts must be supported on 14" minimum diameter concrete cookies 6" thick or equivalent (ex: poured concrete or concrete mix). Engineered pads are also acceptable.
2. **FRAMING INSPECTION FOR DECKS:** After deck is complete with railings, steps, and approved safety barrier.
3. **FINAL INSPECTION:** When pool and equipment is installed and operational. This includes an approved safety barrier (Ex: Fence, self closing gates, self closing latches, and or alarm system for pools with access from residence). GFCI protection is required on pool pump motors from branch circuits whether by receptacle or direct connection.

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