CITY OF NORMAN

INSPECTION CHECKLIST FOR ONE AND TWO FAMILY RESIDENTIAL CONSTRUCTION

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The following Inspection Checklist for One- and Two-Family Construction is based on the 2018 International Residential Code as adopted and amended by the Oklahoma Uniform Building Code Commission and the City of Norman. This document is a guideline and not intended to be an exhaustive list of inspections.

The mission of the Development Services Division of the City of Norman is to provide professional, support, guidance, and assistance to the citizens who are directly or indirectly involved with the building or altering the built environment of the community, to ensure that all such activity is consistent with the policies, building codes, and ordinances adopted by the City Council.

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INSPECTIONS OFFERED

Upon inspection request by the permit holder, the Building Inspection Staff will respond to the inspection and provide the inspection results on-site. Inspection results will be available on-line and via the automated phone line system as well. Inspection results will state details of the results particularly those disapproved (DA), or (DP). The following includes a list of the inspections:

1. **PAD INSPECTION:** Once the building pad is constructed, an inspection is required to verify proper drainage. This inspection is conducted by Public Works Engineering staff and is generally not required on additions/alterations.

2. **FOOTING INSPECTION:** After the excavation for the footing is complete, and reinforcing steel installed, an inspection is required before placing concrete,

3. **PLUMBING GROUND**: After the footing and stem walls are placed, and before backfilling for the slab occurs, all plumbing on the interior of the stem walls are inspected under the plumbing ground inspection type.

4. **PLUMBING WATER SERVICE**: This inspection is for the portion of the water line from the water meter up to the house's exterior wall.

5. **PLUMBING SEWER SERVICE:** This inspection is for the sewer line from the house to its tie in to a riser or a manhole.

6. **SLAB CONDUIT**: If electrical conduit is being installed under the slab, then an inspection is required before concealing the electrical work.

7. **DUCT UNDER SLAB**: If duct work is installed under the slab, including kitchen exhaust or dryer vents, then before backfilling for the slab an inspection is required.

8. **SLAB: Once** all work is completed below the slab (plumbing, electrical, duct work) and after the slab has been backfilled and compacted, an inspection is required BEFORE placing the slab. If the slab is part of an engineered system then all reinforcing, thickening areas and other details should be installed before requesting inspection.

9. **POST TENSION FOOTING AND SLAB**: In instances where an Engineered Post Tension Footing and Slab is being placed this inspection takes the place of the Footing Inspection. Inspection is to be requested once all work associated with the post tension work is in place before concrete is placed.

10. **BUILDING EXTERIOR SHEATHING**: This inspection is requested to view the exterior sheathing material on the house. It can be called at any time but must be called before exterior wall coverings, such as brick or siding or house

wrap, are installed. If the inspection is not requested, the inspector will view this item as part of the frame inspection.

11. **PLUMBING TOP OUT/GAS INSIDE**: After all the water lines, drains, vents, and gas piping are installed in the walls and attic, an inspection is required before requesting a frame inspection. This inspection must occur before the frame inspection is requested.

12. **MECHANICAL DUCT OVERHEAD & FURNACE**: Inspection is to view the installation of the furnace and all of its associated piping and venting, the installation of all the supply, return, makeup air ducts, condensate drains and exhaust. This inspection must occur before the frame inspection is requested.

13. **ELECTRICAL ROUGH/PERMANENT SERVICE**: Inspection is to view all wiring to be installed in the walls and attics and their installation before they are connected to the devices they will serve. Inspection is also to view the work associated with the Permanent Electrical Service. Inspection takes place before the frame inspection is conducted.

14. **FIREPLACE:** The fireplace inspection may be called at any time once it is completed. If the inspection is not requested, the fireplace and all of its components will be viewed with the frame inspection.

15. **FRAME: The** frame is requested only after trade rough ins are completed. The fireplace and sheathing, if not previously called, will be inspected at the time of the frame inspection. The frame inspection needs to be approved before insulating the walls of the structure.

16. **BUILDING WALL INSULATION:** After completion of the frame inspection, the walls can be insulated. Additionally other insulation that will be concealed by sheetrock should also be installed prior to the inspection. After completion of the wall insulation inspection, sheet rock can be installed.

17. **FIRE RESISTANT CONSTRUCTION**: For jobs that have fire resistant construction these components require inspection. Instances where this is likely to occur include buildings with setbacks less than 5’ to property lines, Two-Family Construction, Townhouse Construction.

18. **PLUMBING FINAL**: A final inspection can be requested any time after the wall insulation inspection, plumbing fixtures are set up, and all work related to the plumbing systems are installed.

19. **MECHANICAL FINAL:** Any time after the wall insulation and after all mechanical equipment and associated work are installed, a mechanical final inspection can be requested.

20. **ELECTRICAL FINAL**: Any time after the wall insulation and after all electrical outlets, equipment, fixtures and the lights are complete; an electrical final inspection can be requested.

21. **BUILDING FINAL**: After the completion of the Electrical, Mechanical, and Plumbing Finals, a Building final can be requested. All work should be completed at the time of the Building Final inspection.

22. **ENGINEERING APPROACH/SIDEWALK**: Any time form work is in place for approaches to the public road or sidewalks within the city right of way, inspection can be requested.

23. **ENGINEERING FINAL**: After approach/sidewalks are approved and after all final grading on the site has occurred, including leveling of manholes and setting meter boxes to grade, an engineering final Inspection can be requested. (Not typically required for additions/alteration projects.)

24. **BUILDING TREE**: After the approved tree(s) are installed, a tree inspection can be requested. (Typically, not required for additions/alteration projects)

Once all final inspections have been inspected and approved by the City Inspection staff, and any re-inspect fees accumulated throughout the project have been paid, the project requires a Certificate of Occupancy (CO). No residential construction project (new single-family) shall be occupied until a Certificate of Occupancy is issued.

ONE- AND TWO-FAMILY DWELLING INSPECTION CHECKLIST

The following list is to serve as a general guideline for inspectors, contractors and homeowners to ensure that important code issues are not overlooked and to provide uniformity in the inspection process. **This list is only a general guideline and is not intended to include all code-related items looked at during the course of an inspection.**

GENERAL REQUIREMENTS TO BE MAINTAINED DURING CONSTRUCTION (If not maintained, requested inspections may not receive approval)	CODE SECTION
1. Permit shall be posted on-site at all times during construction	IRC-Sec. R105.7
2. A trash container shall be on-site all times during construction	City Code-21-203
3. Trash must be held in a proper container on the lot	City Code-21-203
4. Erosion control must be in place and properly maintained	C.O.N. E.D.C.E.S.S
5. Address posted on the structure and visible from the street (numbers shall be 4 inches high with a minimum stroke width of ½ inch)	IRC-R319.1
6. Contractor to provide safe access for inspection of work which may include providing ladders, lighting, or other equipment as dictated by the situation	IRC-109.3
7. Excavations do not adversely impact Footings	IRC R403.1.9

ENGINEERING PAD INSPECTION	CODE SECTION
1. Rough grading, clearing and grubbing to be completed	C.O.N. City Code
2. Inspector verifies work appears to be in accordance with approved plans	C.O.N. E.D.C.E.S.S.
3. Inspection provides pad elevation as determined by site grading plan	C.O.N. E.D.C.E.S.S.

FOOTING INSPECTION	CODE SECTION
1. All property pins have been located	City Policy
2. All radius pins have been located (if applicable)	City Policy
3. Verify building front setback	Zoning Ordinance
4. Verify the building side setbacks from property lines	Zoning Ordinance
5. Verify the building front rear setback from property lines	Zoning Ordinance
6. Check for footing width	IRC sec. R403
7. Check for footing depth of 18 inches and 12 inches into	IRC sec. R403

undisturbed soil	
8. Footings free of loose dirt, mud, water, organic materials and debris	IRC sec. R403
9. Reinforcing steel size, placement, lap splice, clearances from earth	IRC sec. R403
10. Check pier footing requirements and locations per design	IRC sec. R403
11. Reinforcing steel grounding electrode connection	IRC sec. E3608.1.2

PLUMBING GROUND	CODE SECTION
1. Plumbing piping sleeved at all foundation and wall penetrations	IRC-Sec. P2603.4
2. Plumbing piping protected at slab penetrations	IRC-Sec. P2603.3
3. Minimum slope toward the sewer line provided on D.W.V system	IRC-Sec. P3005.3
4. Check all D.W.V. piping and under slab water piping for proper size	IRC-Sec. P3005.4
5. Check for proper location and size of cleanouts	IRC-Sec. P3005.2
6. Check for proper trap sizes	IRC-Sec. P3201.7
7. Check for use of approved materials	IRC-Sec. P3002.1
8. Test of D.W.V. piping inside of the slab	IRC-Sec. P2503.4

WATER SERVICE LINE INSPECTION	CODE SECTION
1. Verify that only approved materials have been installed	IRC-Sec. P3002.2
2. Verify proper sizing (3/4 inch minimum)	IRC-Sec. P2903.7
3. Check for proper depth (18 inches minimum)	IRC-Sec. P2603.5
4. Check for water service shutoff valve – may be located just inside or just outside the structure	IRC-Sec. P2903.9.1
5. Check for pressure reducing valve (may be checked at final)	IRC-Sec. P2903.3.1

SEWER SERVICE LINE INSPECTION	CODE SECTION
1. Verify that only provided materials have been installed	IRC-Sec. P3002.2
2. Check for proper sizing	IRC-Sec. P3005.4

3. City Approved Sewer Riser and Plans left onsite for verification.	IRC-Sec P2602
4. Solid and continuous support provided under pipe	IRC-Sec. P2605.1
5. Check for proper fall or slope	IRC-Sec. P3005.3
6. Cleanouts provided within three (3) feet of structure and every hundred (100) feet	IRC-Sec. P3005.2.1
7. Check for backwater valve (required only if flood level rim of any plumbing fixture is less than one (1) below the elevation of the next upstream manhole	IRC-Sec. P3008
8. Taping saddle properly installed	C.O.N. Standards
9. Tap made proper distance from manhole	C.O.N. Standards

SLAB CONDUIT	CODE SECTION
1. Conduit is proper material for application	IRC-Sec. E3803
2. Conduit is properly installed for depth or embedment in concrete	IRC-Sec. E3803
3. Conduits are glued and secured in place for concrete placement	IRC-Sec. E3803

MECHANICAL DUCT UNDER SLAB	CODE SECTION
1. Duct installed in accordance with installation instructions	IRC-Sec. M1601.1.2
2. All duct's either slope to supply/return registers or back to plenum	IRC-Sec. M1601.1.2
3. Supports or bedding is installed below all duct runs	IRC-Sec. M1601.1.2
4. All joints in system are properly secure and sealed	IRC-Sec. M1601.1.2
5. Duct work installed min. 3.5 inches below top of slab-and does not compromise foundation elements	IRC-Sec. M1601.1.2

SLAB	CODE SECTION
1. Check for under slab vapor retarder	IRC-Sec. R506.2.3
2. Check for proper slab thickness (3.5 inches minimum), which require installing string lines or grade stakes	IRC-Sec. R506.1
3. Check that slab reinforcement (where present and required) is supported properly	IRC-Sec. R506.2.4

4. Thickened slabs are installed where required	IRC-Sec. R301.1
5. Backfill for the slab is proper materials and it is compacted. The slab is free of loose dirt and debris	IRC-Sec R506.2.1

POST TENSION FOUNDATIONS AND SLABS	CODE SECTION
1. All requirements above as it relates to setbacks, property pins, grounding, reinforcement and excavation are still applicable	Reference Footing Inspection
2. Post-tension cables shall be installed as per the design and layout provided	IRC-Sec. R106.3.1
3. Post-tension slab/footing third (3rd) party inspection approval has been completed, approved and record of the approval left on-site with the engineered drawings	IRC-Sec. R104.4

ENGINEERING APPROACH/SIDEWALK	CODE SECTION
1. Forms in place for public sidewalks and approaches into the public right of way (ROW)	C.O.N. E.D.C.E.S.S.
2. Proper bedding for work is installed and compacted	C.O.N. E.D.C.E.S.S.
3. Work in compliance with standards regarding slopes for approach/sidewalks	C.O.N. E.D.C.E.S.S.
4. Accessible detection devices are on-site at the time of inspection	C.O.N. E.D.C.E.S.S.

EXTERIOR SHEATHING	CODE SECTION
1. Sheathing installed and can be verified to comply with the simplified wall bracing methodology or a designed wall bracing plan is to be submitted at plan review and left on-site for inspection	IRC-Sec. 602.12, IRC-Sec. 106.1.3
2. Sheathing attached in accordance with the code	IRC-table 602.3(3)
3. Size and spacing of braced wall panels installed per code	IRC table 602.10.5
4. Braced wall panels are an approved method	IRC table 602.10.4
5. Interior braced wall lines are properly installed and spaced	IRC table 602.10.1.3
6. Portal walls (typical at 2-car garage openings) constructed per details in the code	IRC Figure 602.10.6.4

PLUMBING TOP-OUT/GAS INSIDE	CODE SECTION
1. Check that vent flashing is in place	IRC-Sec. P3103.3
2. Check access to fixtures with concealed slip joint connections	IRC-Sec. P2704.1
3. Check water line sizing	IRC-Sec. P2903.1
4. Pressure test on water lines	IRC-Sec. P2503.7
5. Verify horizontal DWV piping slopes ¼" per foot toward the drain.	IRC- Sec. P3005.3
6. Check for protection of piping where required. (nail plates)	IRC-Sec. P2603.2.1
7. Verify all cutting, notching and boring of framing members are per code	IRC-Sec. P2603.2
8. Verify that only approved materials have been installed	IRC-Sec. P2609.1
9. Check height and location of vent termination above the roof	IRC-Sec. P3103.1
10. Verify vents are properly sized for each fixture and the sewer line	IRC-Sec. P3113.1
11. Check location of Air-admittance valves	IRC-Sec. P3114.4
12. Check water pipe attachment and support	IRC-Sec. P2605.1
13. Verify all pipes are properly protected which often will require nail plates.	IRC- Sec P2603.2.1
14. Check gas piping size	IRC-Sec. G2413
15. Check gas piping material	IRC-Sec. G2414
16. Check gas piping support	IRC-Sec. G2424
17. Verify CSST gas piping is bonded	IRC-Sec. G2411
18. Check underground installation for depth minimum of eighteen (18) inches	IRC-Sec. G2415.12
19. Check underground installation for tracer wire	IRC-Sec. G2415
20. Check for concealed unions	IRC-Sec. G2415
21. Verify the pipe is properly pressure tested (if requested by gas stops and caps/plugs shall be in place)	IRC-Sec. G2417

MECHANICAL DUCT OVERHEAD AND FURNACE	CODE SECTION
1. Manufacturers installation instructions shall be available on the jobsite at the time of inspection	IRC-Sec. R106.1.2
2. Check duct material, sealing and construction	IRC-Sec. M1604.4
3. Check duct support	IRC-Sec. M1601.4.4
4. Flexible duct installed per manufacturer's instructions	IRC-Sec. M1601.1.1
5. Check the location of return air plenums	IRC-Sec. M1602.2
6. Check bathroom exhaust fan and ducts for proper installation and termination	IRC-Sec. M1507.2
7. Check clothes dryer exhaust duct for proper installation	IRC-Sec. M1502.4.2
8. Check clothes dryer exhaust duct for proper termination	IRC-Sec. M1502.3
9. Check clothes dryer exhaust duct for protective shield plates where nails or screws from finish or other work are likely to penetrate the duct. Protective shield plates shall be constructed of steel with a minimum thickness of 0.062-inch and extend a minimum of 2 inches above sole plates and below top plates.	IRC-Sec. M1502.5
10. Verify that kitchen hood and range exhaust ducts are properly installed	IRC-Sec. M1503
11. Furnaces are properly installed per manufactures installation instructions and the code	IRC-Sec. M1401
12. Condensate drain(s) or other protections are installed. And drains have proper fall and insulation where required	IRC-Sec. M1411.3
13. Verify all appliances have been installed per manufacturer's installation instructions or minimum code requirements.	IRC-Sec. M1307.1
14. Verify all cutting, notching and boring of framing members is per code or support is provided in an approved manner.	IRC-Sec. M1308.1
15.	

ELECTRICAL ROUGH-IN/PERMANENT SERVICE	CODE SECTION
1. Aluminum conductors are prohibited	IRC-Sec. E3406.2
2. Check boxes for wire fill	IRC-Sec. E3905.12.2
3. Check distance of wiring from edge of stud (1.1/4 inch minimum) provide protection of wiring if needed (wall plates)	IRC-Sec.E3802.1

4. Check distance of wall-space of general use receptacles	IRC-Sec.E3901.2.1
5. Wiring should be stapled and secure	IRC-Sec. E3802.1
6. Check garage, attics, and crawl spaces with equipment and unfinished basements for lighting, switch at entrance, and receptacles	IRC-Sec. E3901.9 IRC-Sec. E3903.3
7. Check habitable rooms for switch and light.	IRC-Sec. E3903.2
8. Check smoke and carbon monoxide alarm placement. Smoke alarms shall be installed in each sleeping room, smoke/co detectors outside each separate sleeping area in the immediate vicinity of the bedrooms and on each additional story of the dwelling, including basements and habitable attics	IRC-Sec. R314.3
9. Check for dedicated laundry circuit	IRC-Sec. E3703.3
10. Check wire size for dryer	IRC-Sec. E3705.1
11. Check wire size for range	IRC-Sec. E3705.1
12. Check for two circuits for kitchen receptacles (minimum)	IRC-Sec. E3703.2
13. Check for dedicated bathroom circuit	IRC-Sec. E3703.4
14. Check size of air conditioning wiring	IRC-Sec. E3705.1
15. Check for placement of outside boxes	IRC-Sec. E3901.7
16. Meter box anchored and correct height	OEC/OG&E Policy
17. Check down-pipe secured and correct size	OEC/OG&E Policy
18. Service mask secured and correct height	IRC-Sec. E3604.2.1
19. Grounding Electrode(s) properly installed	IRC-Sec. E3608
20. Meter box bonded to panel	IRC-Sec. E3609.2
21. Check height of panel enclosure	IRC-Sec. E3705.7
22. Check panel enclosure working clearance	IRC-Sec. E3405
23. Check bonding wire terminated properly in panel	IRC-Sec. E3609.4
24. Meter box and panel - Open knockouts shall be filled	IRC-Sec. E3404.6
25. Check load wires from meter box to panel	IRC-Sec. E3603.1
26. Neutral wire marked	IRC-Sec. E3407.1
27. Cables entering panel enclosure shall be secured	IRC-Sec. E3907.8
28. Panelboards shall not be located in bathrooms or closets	IRC-SEC. E3405.5
29. CSST properly bonded (if used)	IRC-Sec. G2411
30. Rebar ground should be tied to neutral bar	IRC-Sec. E3607.2

FRAMING	CODE SECTION
1. Manufacturer's installation instructions as needed. Potentially for fireplaces, engineered lumber, anchors, fasteners or similar products.	IRC-Sec, R106.1.2
2. Verify manufactured trusses are installed according to the manufacturer's specifications	IRC-Sec. R802.10 and R502.11
3. Check bottom plates for full bearing	IRC-Sec. R602.3.4
4. Check exterior bottom plates for treated wood per the code.	IRC-Sec. R317.1
5. Check that bottom plate anchor bolts are approved and spaced properly	IRC-Sec. R403.1.6
6. Check floor hoists for size, spacing and span	IRC-Sec. R502.3
7. Check ceiling joist for size, spacing and span	IRC-Sec. R802.5
8. Check rafters for size, spacing and span	IRC-Sec. R802.4
9. Floor joists shall bear on 1 ½ inches of wood or metal	IRC-Sec. R502.6
10. Ceiling joists shall bear on 1 ½ inches of wood or metal	IRC-Sec. R802.6
11. I-joist must be installed according to manufacturer's specifications	IRC-Sec. R502.1.2
12. Check girders and beams for location, size, spacing, span and bearing walls	IRC-Sec. R502.5
13. Check headers for proper span and support	IRC-Sec. R602.7
14. Check stair framing for proper width, material, rise, run and head clearance	IRC-Sec. R311.7
15. Check double top plate for continuity	IRC-Sec. R602.3.2
16. Rafters and ceiling joists connected every 4 feet or rafter ties installed every 4 feet	IRC-Sec. R802.5
17. Check the installation of rafter ties	IRC-Sec. R802.5.2.2
18. Check for installation collar ties	IRC-Sec. R802.4.6
19. Check wall framing for proper material, height and spacing of studs	IRC-Sec. R602.3.1
20. Verify all cutting, notching and boring of framing members is per code or support is provided appropriately	IRC-Sec. R602.6, R802.7, R502.8
21. Verify fire blocking or draft shopping is in required locations, including at ceiling and floor levels, and	IRC-Sec. R302.11

horizontally at 10 feet in concealed stud spaces, at furred ceilings, stairways, penetrations of vents, pipes, etc.	
22. Verify that all ceilings are of proper height	IRC-Sec. R305
23. Verify that proper attic access openings are provided to attic areas that exceed 30 square feet and have a vertical height of 30 inches or greater	IRC-Sec. R807.1
24. Check attic ventilation for proper size and location	IRC-Sec. R806
25. Verify that LVL beams have been installed according to the manufacturer's specifications	IRC-Sec. R802.1.2
26. Factory built fireplace has proper clearance to combustibles per the manufacturer's installation instructions. And there is proper termination height above the roof.	IRC-Sec. R1004, R1005
27. Factory built fireplace secured to framing per the manufacturer's installation instructions	IRC-Sec. R1004.1
28. Check that shear wall bracing is in compliance with code	IRC-Sec. R602.10
29. Check installation and placement of exterior brick flashing as required by the code	IRC-Sec. R703.4
30. Check for emergency egress as required by code for sleeping and habitable attic spaces	IRC-Sec. R310.2
31. Safety glass is installed in locations required by code	IRC-Sec. R308
32. Check for window fall protection	IRC-Sec. R312
33. Exterior stone or veneer where attached to wood framing are properly constructed	IRC-Sec. R703.8
34. Fireplaces are installed and vented in accordance with manufactures installation instructions and the code	IRC-Chapter 10
35. Uplift connectors installed where required	IRC-Sec. R802.11
36. Check that interior bearing walls are anchored to slab	IRC-Sec. R403.1.6

WALL INSULATION	CODE SECTION
1. Insulation properly installed in walls and floor/ceiling spaces to minimum R-13	IRC-Sec.N1102.1.2
2. Insulation installed in ceiling spaces that will likely be accessible after sheetrock is installed to a minimum R-30 (a limited amount of R-19 can be approved)	IRC-Sec.N1102.1.2
3. The air barriers/fire blocks and thermal envelope are sealed including top plates first and second floors, knee	IRC-Sec.N1102.4.1.1

walls, wall voids, behind tubs and showers and fireplaces, miscellaneous penetrations of exterior walls by pipes, ducts and similar spaces around windows and doors	
4. Windows are installed and labels demonstrating compliance are installed	IRC-Sec.N1102.1.2
5. Spray foam insulation exposed in the attic requires all the same requirements listed above although in addition, it must comply with the code and its installation instructions. The compliance report for the spray foam has to remain on-site. Additionally, a written narrative by the installer should remain on-site demonstrating compliance with the report.	IRC-Sec.N1102.1.2 IRC-Sec. R316 Compliance Report

FIRE RESISTANT CONSTRUCTION	CODE SECTION
1. Homes or buildings within 3 feet of property lines are properly fire protected	IRC-Sec. 302.1
2. Townhomes are sprinkled and separated	IRC-Sec. 302.2 IRC-Sec. 313
3. Two-Family dwellings are separated	IRC-Sec. 302.3

FINAL PLUMBING INSPECTION	CODE SECTION
1. Manufacturers installation instructions shall be available on the job site at the time of inspection	IRC- Sec. R106.1.2
2. Sewer clean out to grade, accessible and all caps removed	IRCSec.P3005.2.10
3. Water heater properly installed	IRC-Sec. P2801.2
4. Water heater vent for proper type, size, clearances from combustibles and terminations	IRC-Sec.G2427.10
5. Water heater T & P valve operational and properly plumbed, terminates in an approved location	IRC-Sec. P2804.4
6. Water heater equipped with thermal expansion control device	IRC-Sec. P2903.4
7. Appliances subject to physical damage suitability guarded	IRC-Sec. G2408.3
8. Fuel fired water heaters where located in the garage or in the closet that open directly into the garage shall be elevated eighteen (18) inches. Elevation of the water heater is not required for appliances that are listed as flammable vapor ignition resistant	IRC-Sec. G2408.2
9. Combustion air provided for fuel fired water heaters	IRC-Sec. G2407.5

located with an enclosure	
10. Plumbing fixtures have been installed per their listing and minimum code requirements	IRC-Sec. P2609.2
11. Plumbing fixture traps not leaking	IRC-Sec.P2503.5.2
12. Fixture fittings and faucets that are supplied with hot and cold water shall be installed so that the left-handed side of the fixture fitting or faucet represents the flow of hot water when facing the outlet	IRC-Sec.P2503.5.2
13. Dishwasher properly installed per manufactures instructions or minimum code requirements	IRC-Sec. P2717.1
14. Garbage disposal properly installed per manufactures instructions or minimum requirements	IRC-Sec. P2716.1
15. The hot water supplied to bathtubs and whirlpool bathtubs shall be limited to a maximum temperature of 120 degrees F (49°C) by a water temperature-limiting device that conforms to ASSE1070	IRC-Sec.P2713.3
16. Review appliance listing requirements and verify all appliances have been installed per their listing or minimum code requirements	IRC-Sec. P2705.1
17. Access provided under whirlpool tub	IRC-Sec. P2720.1

FINAL MECHANICAL INSPECTION	CODE SECTION
1. Manufacturers installation instructions shall be on the jobsite at the time of inspection	IRC-Sec. R106.1.2
2. Alliances subject to physical damage suitably guarded	IRC-Sec.M1307.3.1
3. Clothes dryer vent properly terminated	OUBCC Amendment
4. Range hood vented to exterior or listed un-vented type	IRC-Sec. M1503.1
5. Range hood duct properly installed	IRC-Sec.M1503.1
6. A/C condensate line properly terminated	IRC-Sec. M1411.3
7. Verify auxiliary drain pan is a minimum depth of 1.5 inches, and not less than 3 inches larger than the unit or the coil dimensions in width and length and is constructed of corrosion-resistant material	IRC-SecM1411.3.1
8. Appliances and equipment shall be installed above the flood level rim of the pan. Supports located inside of the pan to support the appliance or equipment shall be water resistant and approved	IRC-Sec.M1411.3.1
9. Check auxiliary and secondary condensate drains for proper size, material, slope and termination. Or approved safety switch has been installed	IRC-Sec.M1411.3
10. Verify that mechanical equipment attic installations	IRC-Sec. M1305.1

have proper access opening as required by code	
11. Verify that mechanical equipment attic installations have proper access walkway as required by code	IRCSec.M1305.1.3
12. Verify that mechanical equipment has proper working clearance as required by code	IRC-Sec. M1305.1
13. Verify that mechanical equipment attic installations have proper clearances from combustibles	IRC-Sec. M1306.1
14. Verify that furnaces located within compartments or alcoves comply with manufacturers' installation instructions.	IRCSec,M1305.1.1
15. Check gas appliance vent size, clearances from combustibles and termination	IRC-Sec. G2427.1
16. Combustion air provided for a gas appliance located within an enclosure	IRC-Sec.G2407.1
17. Flue vents and chimneys terminated at proper height	IRC-Sec.G2427.5.3
18. No duct openings in the garage if system serves the house.	IRC-Sec.M1601.4.9
19. Review appliance listing requirements and verify appliances have been installed per their listing or minimum code requirements	IRC-Sec. M1401.1
20. Refrigerant circuit access ports located outdoors shall be fitted with locking type tamper resistant caps	IRC-Sec. M1411.8
21. Where the exhaust duct is concealed within the building construction, the equivalent length of the exhaust duct shall be identified on a permanent label or tag. The label or tag shall be located within six (6) feet of the exhaust duct connection	IRC-Sec.M1502.4.6

FINAL ELECTRICAL INSPECTION	CODE SECTION
1. Manufacturers installation instructions shall be available on the jobsite at the time of inspection	IRC-Sec.R106.1.2
2. Electrical services completed, breakers identified	IRC-Sec. E3706.2
3. Electrical service properly grounded	IRC-Sec. E3607.1
4. Check air conditioner breaker size and wiring of outside units	IRC-Sec. E3702.11
5. Check working clearance for A/C condenser disconnect	IRC-Sec. E3405.2
6. A receptacle outlet shall be located on the same level and within 25 feet of the HVAC equipment	IRC-Sec. E3901.12
7. The receptacle outlet shall be located on the same level and within 25 feet of the HVAC equipment.	IRC-Sec. E3901.12

8. The receptacle outlet required within 25 feet of the HVAC equipment shall not be connected to the load side of the HVAC equipment disconnecting means	IRC-Sec. 3901.12
9. Exterior lighting located at all exterior doors	IRC-Sec. E3903.3
10. Exterior electrical receptacles at front and back of dwelling	IRC-Sec. E3901.7
11. Exterior electrical receptacles GFCI protected and weatherproof	IRC-Sec. E3902.3
12. All garage receptacles GFCI protected	IRC-Sec. 3902.2
13. Check smoke alarm placement. Smoke alarms shall be installed in each sleeping room. Carbon monoxide and smoke detectors to be installed outside each separate sleeping area in the immediate vicinity of the bedrooms and on each additional story of the dwelling, including basements and habitable attics	IRC-Sec.R314.3
14. Check placement of kitchen counter receptacles	IRC-Sec. E3901.4
15. Kitchen countertop receptacles GFCI protected	IRC-Sec. E3902.6
16. Check for two (2) circuits for kitchen receptacles (minimum)	IRC-Sec. E3703.2
17. Check that islands and peninsulas have a minimum of one (1) receptacle for countertop use	IRC-Sec.E3901.4.2 IRC-Sec.E3901.4.3
18. Check that island and peninsula receptacles for countertop use are GFCI protected	IRC-Sec. E3902.6
19. Arc fault protection in kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, laundry areas and similar rooms or areas required as required by code and working properly	IRC-Sec.E3902.16
20. Check that all arc fault breakers are properly working	IRC-Sec. E3902.16
21. At least one wall switch-controlled lighting outlet shall be installed in every habitable room and bathroom	IRC-Sec. E3903.2
22. Bathroom receptacles on separate circuit of their own	IRC-Sec. E3703.4
23. Bathroom receptacle adjacent to each lavatory location	IRC-Sec. E3901.6
24. Bathroom receptacles GFCI protected	IRC-Sec. E3902.1
25. At least one dedicated laundry circuit shall be installed to serve laundry appliances	IRC Sec. E3901.8
26. Check that all GFCI protected receptacles are working properly	IRC Sec. E3902

27. All receptacles that are located within 6 feet of the outside edge of a laundry, utility or wet bar sink shall have GFCI protection	IRC-Sec. E3902.7
28. Check garage, attics and crawl spaces with equipment, as well as unfinished basements for lighting switch at entrance	IRC-Sec. E3903.3

FINAL BUILDING INSPECTION	CODE SECTION
1. Electrical, mechanical and plumbing final inspections approved	IRC-Sec. R109.1.5
2. Manufacturers installation instructions shall be available on the jobsite at the time of inspection	IRC-Sec. R106.1.2
3. Address on house and plainly visible from the street or road	City Code 6-6
4. Check address numbers for correct size	City Code 6-6
5. Landings provided at all doors	IRC-Sec. R311.3
6. Exterior penetrations properly sealed	IRC-Sec. G2404.9
7. Locks on doors shall not be keyed to exit a room or space	IRC-Sec. R311.2
8. Door between house and garage of approved materials properly installed and equipped with a self-closing devise	IRC-Sec. R302.5.1
9. Verify that proper attic access openings are provided to attic areas that exceed 30 square feet and have a vertical height of thirty (30) inches or greater	IRC-Sec. R807.1
10. Insulation provided in attic (R-30)	IRC-Sec. N1102.2.1
11. Attic eave and gable vents not blocked	IRC-Sec. R806.3
12. Guard rails provided and designed as required by code	IRC-Sec. R312.1
13. Handrails provided on steps with four (4) or more risers as built per code	IRC Sec. R311.7.8
14. All exterior doors shall be weather tight	IRC-Sec. N1102.2.4
15. Verify that all ceilings are of proper height	IRC-Sec. R305.1
16. Check for emergency egress as required by code for sleeping rooms and habitable attics	IRC-Sec. R310

ENGINEERING FINAL INSPECTION	CODE SECTION
1. Final grade is complete. All slopes to approved locations in accordance with approved plans and away from the structure	C.O.N. City Code
2. Manholes/cleanouts are installed to above finished grade	C.O.N. City Code

BUILDING TREE INSPECTION	CODE SECTION
1. Tree(s) are installed for new one-and-two family dwellings	C.O.N City Ordinance

LEGEND	
C.O.N	City of Norman
E.D.C.E.S.S.	Engineering Design Criteria and Engineering Standard Specifications
IRC	International Residential Code 2018
OUBCC	Oklahoma Uniform Building Code Commission
D.W.V.	Drain Waste and Vent