



CARROLLTON
TEXAS

DEVELOPMENT SERVICES

Building Inspection

2022

RESIDENTIAL

Inspection Checklists

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Table of Contents

SUBJECT	INSPECTION
Required Inspections by Permit Type.....	
Reference of Abbreviations.....	
Temporary Electrical Pole/SWPPP	1011
Pool Electrical Bond.....	1012
Sewer.....	1021
Water Service	1022
Lawn Sprinkler.....	1024
Water Meter Pre-Install R.O.W.	1028
Pool P-Trap.....	1029
Retaining Wall	1041
Sidewalks and Approach	1056
Fence	1090
Residential Pre-Pour.....	1901
Foundation	2001
Plumbing Rough/Energy.....	2020
Gas Rough and Test.....	3021
Pre-Brick.....	3042
Moisture Barrier	3045
HVAC Rough/Energy.....	3063
Electrical Rough/Energy	3064
Plumbing Top Out/Gas Test/Energy.....	3065
Building Framing/Energy	3066
Insulation.....	3067
Energy Compliance Certificate	3068
HVAC/Energy Final.....	4004
Utility Release/Plumbing/Energy Final.....	4005
Pool Work Final	4042
Electrical/Energy Final.....	4062
Building/Energy Final.....	4063
Clean & Show/Construction Heat/Electric Service.....	6015
Clean & Show/Construction Heat/Gas Service.....	6020
Clean & Show/Construction Heat/Gas & Electric Service	6060
General Check/Follow-up.....	7000

BUILDING INSPECTION

DEVELOPMENT SERVICES

1945 East Jackson Road, Carrollton, TX 75006 | 972.466.3225
P.O. Box 110535, Carrollton, TX 75011-0535 | cityofcarrollton.com
Cityserve.cityofcarrollton.com/cityviewportal

Required Inspections by Permit Type

ELECTRICAL

- 1011 – Temporary Electrical Pole/SWPPP
- 3064 – Electrical Rough/Energy
- 4062 – Electrical/Energy Final

FENCE

- 1090 – Fence

LAWN SPRINKLER

- 1024 – Lawn Sprinkler

MECHANICAL

- 3063 – HVAC Rough/Energy
- 4004 – HVAC/Energy Final

PLUMBING

- 1021 – Sewer
- 1022 – Water Service
- 2020 – Plumbing Rough/Energy
- 3065 – Plumbing Top Out/Gas Test/Energy
- 4005 – Utility Release/Plumbing/Energy Final

POOLS

- 1012 – Pool Electrical Bond
- 1029 – Pool P-Trap
- 4042 – Pool Work Final

RETAINING WALL

- 1041 - Retaining Wall

SINGLE FAMILY DWELLING

- 1028 – Water Meter Pre-Install R.O.W.
 - 2020 – Plumbing Rough/Energy
 - 1901 – Residential Pre-Pour
 - 2001 – Foundation
 - 3063 – HVAC Rough/Energy
 - 3064 – Electrical Rough/Energy
 - 3065 – Plumbing Top Out/Gas Test/Energy
 - 3066 – Building Framing/Energy
 - 3067 – Insulation
 - 3068 – Energy Compliance Certificate
 - 4004 – HVAC/Energy Final
 - 4005 – Utility Release/Plumbing/ Energy Final
 - 4062 – Electrical/Energy Final
 - 3068 – Energy Compliance Certificate
 - 4063 – Building/Energy Final
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Reference of Abbreviations

The following is a reference list of some abbreviations/symbols used in this handbook of inspection checklists. Abbreviations are to be read as singular/plural in context with material. Any reference to a code or ordinance is to be interpreted as the latest version available of that code or ordinance. Periods have been eliminated in abbreviations for ease in reading.

A/C.....	Air conditioning
Art	Article
CFC	Carrollton Fire Code
cfm	Cubic feet per minute
Ch	Chapter
CoC.....	City of Carrollton
CSC	Carrollton Sign Code
CZO.....	Comprehensive Zoning Ordinance
Dwg	Drawing
GDS.....	General Design Standards
HB.....	House bill
IBC	International Building Code
IECC	International Energy Conservation Code
IFC.....	International Fire Code
IFGC.....	International Fuel Gas Code
IMC.....	International Mechanical Code
IPC	International Plumbing Code
Mfg.....	Manufacturing
NCTCOG/ COG.....	North Central Texas Council of Governments
NEC.....	National Electrical Code
NFPA.....	National Fire Protection Association
Ord	Ordinance
p	Page
pp	Pages
psi.....	Pounds per square inch
Sec.....	Section
Specs	Specifications
Std	Standard
Subdv.....	Subdivision
Tbl.....	Table
TIM	City of Carrollton Technical Interpretation Manual

Temporary Electrical Pole/SWPPP Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Panel grounded and bonded	2020 NEC	250.28 250.52&53
Breaker/outlet requirements-sizing for outlets used	2020 NEC	210.19
Wire sizes and insulation	2020 NEC	310.15(B)(16)
No open holes/to remain water tight	2020 NEC	314.17
Unused breaker openings filled	2020 NEC	408.7
Clearances: 18' above traffic for overhead drop Distance from public property –R.O.W.	2020 NEC	225.18
Raceway used and installed	2020 NEC	230.50 230.54
Weather resistant receptacles 115-250 volt	2020 NEC	406.9
GFCI Protection in use covers for exposed outlets	2020 NEC	406.3
Address	2021 IRC	R319
Bracing: 45 degrees to support pole	Oncor service guidelines	600

SWPPP Inspection Checklist

- A. Erosion controls are to be in place at the temporary electric pole inspection.
- B. Erosion control fencing or soil stabilization fabric must be installed in an approved manner and maintained throughout the construction project until the Utility Release/Plumbing/ HVAC final inspections.
- C. Large piles of dirt are required to be protected with erosion control fencing, **NOT** soil stabilization fabric.
- D. Erosion control protection should be proactively maintained at least once a week.
- E. Storm water inlet protection
- F. 50 feet rock entryway on commercial projects.

Pool Electrical Bond Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Grounding with minimum #8 ground wire around deck with ground clamps and all metal within 5'	2020 NEC	680.26
Grounding of copper conduit for pool lights/fixtures	2020 NEC	680.23
Position of plugs in relation to pool sides	2020 NEC	680.22
Low voltage lighting/transformer ground run to equipment ground to panel	2020 NEC	680.24

Sewer Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Pipe materials – Proper Pipe	2021 IRC TIM for SDR 17 Trenchless pipe	P3002 702
Pipe sizes – Evaluate DFU’s	2021 IRC	P3004
Grade of pipe and approved fittings	2021 IRC	P3005
Pipe joints – different types	2021 IRC	P3003
Cleanout – required and where needed	2021 IRC	P3005.5
Trench and backfill – do’s and don’ts	2021 IRC	P2604
Testing	2021 IRC	P2503

Water Service Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Pipe materials NTCOG Amendment (no polybutylene pipe allowed)	2021 IRC	P2903
Pipe sizes	2021 IRC	P2903
Pressure test- working pressure and PRV needed	2021 IRC	P2503
Trench and backfill – do’s and don’ts	2021 IRC	P2604
Shutoff valves – accessible and required	2021 IRC	P2903.9
Backflow protection – check hose connections	2021 IRC	P2902
Testing	2021 IRC	P2503.7

Lawn Sprinkler Irrigation Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Check city approved plans are to be on site	HB 1656	
Approved back flow prevention device required with y strainer installed before device. Full port ball type isolation valve between meter and back flow device. Test cocks on B/F device are to be plugged with threaded plugs. Installed min. 3 ft. from water service on customer side of property line	HB 1656	
Master valve (if required) installed on discharge side of B/F device (full port ball type valve)	HB 1656	
Check location of controllers and sensors (rain/freeze) each controller must be labeled with installers name and company name, license number, telephone number and warranty period	HB 1656	
Check location and of water emission devices, valves (zone, master, and isolation)	HB 1656	
Check all underground wiring for UL burial rating and sizing to manufacturers specifications, all wire splices must be moisture proof. All wiring is buried min. 6 inches	HB 1656	
Check PVC piping for sizing, rating, installation and depth (min. 6 inches)	HB 1656	
Pop up water emission devices must be installed a min. 4 inches from hardscape and direct flow away	HB 1656	

NOTE: Double check backflow prevention permitted in ground if protected by a box.

Water Meter Pre- Install Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
1" meter loop furnished by contractor. Top of meter to be not less than 9" or more than 12" below top of meter can. Meter can set on loop. Bass & Hayes P 34P 14 D can	GDS	W 7 - 1 of 1 pp 4-9
1 ½" and larger meters curb stop 22" - 26" below top of curb	GDS	W 7-1
No right-angle curb stops	GDS	W 7-1
3' circumference around curb stop	GDS	W 7-1
Meter not in paving area	GDS	4-5
Correct meter can next to installation Bass & Hayes P548P 18D can	GDS	pp 4-9

Pool P-Trap Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
P-Trap for pools/spas with air break	2021 IPC TIM	802
1 ½" minimum backwash/drain pipe	TIM	

Retaining Wall Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Retaining walls which do not require a permit are not inspected. If under 4 feet from the bottom of footing to the top	2021 IRC	R105.2
Inspect based on engineered approved plans for retaining walls requiring permit	2021 IBC	1610.1

Sidewalks and Approach Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Sand cushion for leveling only 1" (sidewalks only)	GDS	P-17
Concrete thickness: Sidewalks/driveways	GDS	P-16, P-17
Location of sidewalk with respect to street and other existing sidewalk	GDS	P-17
Width of sidewalk is 4' or 5'	GDS	P-17
Tooling joints spacing	GDS	P-17
Construction joint requirements	GDS	P-11, P-16 P-17
Expansion joint spacing (no tear off strips allowed in the sidewalks)	GDS	P-12, P-17
Expansion joint materials	GDS	P-16, P-17
Five foot flare instead of radius and curb omission for approaches attached to alleys	GDS	P-16
Reinforcing steel	GDS	P-11, P-16 P-17
Storm drain inlet and separation from approach	GDS	D-1
Location of driveway from intersection <ul style="list-style-type: none"> • 30' Residential or Alley • 40' Collector / Industrial • 50' Residential Arterial 	Driveway Ord	Ord 1604 as amended
Bollards for thin brick wall required? Note on this inspection if needed.	GDS	M-4

Fence Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Proper setback from drainage easements	CZO	XXV 11-12 A-D
Proper height restriction for front yards or certain corner lots (key lots) 3' front yards, 4' key lots	CZO	XXVI-A
Proper requirements for pool enclosure	2021 IRC COG	Appendix Q
Gates across driveways as a pool enclosure	TIM	
Zero lot lines (check CZO)	CZO	Article VII Pages 88-90
Gates across driveways (electric)	TIM	
If electric need inspection / burial depth and conduits secured / gfcı needed?	2020NEC	300.5
Gates across driveways (manual)	TIM	
Proper location for visibility from streets & alleys	Visibility Ord.	Ord. 1325 as amended
No metal, barbed wire, or electric fencing permitted. Exception: Wrought iron is allowed	CZO Ord. 2803	Article XXV Sec 11 Sec 92-10

Residential Pre-Pour Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Structural and piping protection	2021 IRC	P2603
Insulation of hot water piping	2021 IECC	R403.4 R403.5
Concrete encased grounding electrode	2020 NEC	250.52

Foundation Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Inspect based on engineered plans: <ul style="list-style-type: none"> - Reinforcement size and spacing - Reinforcement supports (chairs) - Concrete thickness - Beam spacings and depth/width - Debris and mud and water on slab and beams Read permit for special notes such as minimum finished floor elevations	2021 IRC	R109
Wrap copper water lines for corrosion protection	2021 IRC	P2603
Provide protection for any horizontal plumbing pipe embedded in concrete along the length of the beams	2021 IRC TIM	P2603.2.1
Driveway not allowed to street if alley exists	CZO	Article X
Garage not allowed to face streets—certain exceptions may be applicable	Ord.	2402
Driveway separation from intersections	Driveway Ord	Ord 1604 as amended
Has the lot grade been drastically changed by cuts, fill, or other obstruction which may alter subdivision drainage patterns from what was accepted by Carrollton Engineering Department?	Drainage Ord	Ord 1604 as amended
Concrete encased electrode	2020 NEC	250

NOTE: Effective May 1, 2003, all foundation inspections must have an engineer's inspection letter of approval.

Plumbing Rough/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Check for setback survey – form board	CZO	Use Districts
Drainage piping materials	2021 IRC	P3002
Drainage pipe installation- fittings and directional changes	2021 IRC	P3005.1
Drainage pipe joints	2021 IRC	P3003
Drainage pipe slope	2021 IRC	P3005.3
Drainage system sizing - DFU'S	2021 IRC	P3005.4
Drainage prohibited items	2021 IRC	P3003.2
Drainage system clean outs	2021 IRC	P3005.2
Fixtures stack vented – minimum 1 VTR	2021 IRC	P3102
P-trap installation requirements	2021 IRC	P3201
P-trap sizing	2021 IRC	P3201.7
Water distribution – proper pipe sizing	2021 IRC	P2903.6
Water manifold sizing	2021 IRC	P2903.8.1
2 hose bibs required on SFD (front/side and rear) 1 required on town houses and condo's (rear)	TIM	
Water piping materials Polybutylene pipe not allowed (COG amendments)	2021 IRC	P2906
Trenching, excavation, and backfill	2021 IRC	P2604
Back flow prevention	2021 IRC	P2902
Cut-off valves - accessible	2021 IRC	P2903.9
Testing and inspection	2021 IRC	P2503
Gas pipe sizing	2021 IRC	G2413&17
Gas pipe labeling	2021 IRC	G2412.5

Plumbing Rough/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Gas pipe materials	2021 IRC	G2414
Gas pipe system installation & testing COG amendments	2021 IRC	G2415 G2417
Gas tracer wire	2021 IFGC	404.17.3
Protection of piping	2021 IRC	G2415.11
Insulate hot water lines	2021 IECC	R403.5.3
Gas pipe bonding	2021 IRC	G2411

Gas Rough and Test Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Pipe materials	2021 IRC 2021 IFGC	G2414 403
Pipe sizes	2031 IRC 2021 IFGC	G2413 402
Pressure test (gas) COG Amendment	2021 IRC 2021 IFGC	G2417 404.20
Connections/joints	2021 IRC 2021IFGC	G2414 Ch. 4
Tracer wire for non-metallic piping	2021 IRC 2021 IFGC	G2415.17.3 404.17.3
Pipe depth	2021 IRC COG 2018 Amendment	G2415.15
Gas risers	2021 IRC 2021 IFGC	G2414.6.1 403.6.1
Gas pipes not to be bent or strained	2021 IRC 2021 IFGC	G2416 405
Separate ditch for gas piping	TIM	
Protection from corrosion	2021 IRC 2021 IFGC	G2415.11 404.11
Drips/sediment traps	2021 IFGC	408

Pre-Brick Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Sheathing will be free of all holes, wrapped and sealed	2021 IRC	R703
No framing shall be visible	2021 IRC	R703
The roofing process has been completed	TIM	
Exterior openings exposed to weather shall be flashed	2021 IRC	R703
Exterior veneer shall not be attached to wood frame construction at or point more than 30' in height	2021 IRC	Table R703.7
When wall ties are installed: ties shall be spaced to support not more than 2.67 sq. ft. of wall; wall ties <i>shall not be more than 24"</i> on centers horizontally & vertically	2021 IRC	R703.8
When anchored veneer is applied over 2x4" stud construction, stud spacing shall not exceed 16"	TIM	
When anchored veneer is applied over 2x6" stud construction, stud spacing shall not exceed 24"	TIM	
Flashing and counter flashing	2021 IRC TIM - Brick Supported by Wood	R703
Veneer height and support limitations 30' max height to footing rafter size per 2015 IRC, then doubled	2021 IRC TIM - Brick Supported by Wood	703.7

Pre-Brick Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

Brick on wood rafters- 3 – 2x8”	2021 IRC TIM - Brick Supported by Wood	R703
Wind sheer Scab 2x4” on side of each stud	2021 IRC TIM - Brick Supported by Wood	R703
Wall bracing	2021 IRC	R602.10 Table R602.10.9
Water resistance barrier Exterior wall envelope	2021 IRC	R703.2
Seal exterior wall envelope	2021 IECC	402.4

***NOTE:**

- Lintel installation occurs after the pre-brick inspection and is the responsibility of the contractors.
- Lintel = the horizontal beam forming the upper member of a door or window frame supporting part of the structure above it.

Moisture Barrier Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Water resistive barrier on exterior wall envelope	2021 IRC	R703.1.1
Brick ties installed per code and Tech Policy 16" on 2x4 studs and 24" on 2x6 studs	2021 IRC TIM	R703.8
Exterior openings flashed	2021 IRC	R703
Flashing and counter flashing	2021 IRC TIM	R703.7
Seal exterior envelope	2021 IECC	402.4

- This inspection is not a pre-brick inspection.
- This inspection is intended to be used in case the moisture barrier is not in place at the 3067 insulation inspection.

HVAC Rough/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

Combustion air – sufficient amount	2021 IRC	G2407
Ducts (HVAC) – installation and sealing	2021 IRC	M1601
Duct insulation – proper insulation	2021 IRC 2021 IECC	M1601.3 R403
Refrigerant piping insulation – protected against UV exposure and physical damage, adhesive tape not allowed	2021 IECC COG	R403
Plenums: Sealed & secure	2021 IECC	R402
HVAC equipment: access and service space – 30"x30"	2021 IRC	M1305.1
Condensation – disposal, main and auxiliary drains, water sensors	2021 IRC	M1411
Return air	2021 IRC	M1602
Exhaust fans: vent termination	2021 IRC	M1504
Clothes dryer duct – metal, sealed, 35' max, mechanically connected	2021 IRC	M1502
Chimney & vents – clearance to combustibles	2021 IRC	Chapter 10 M1805
Specific appliances (fireplace and fuel burning equipment)	2021 IRC	M1901
Water heaters – prohibited locations	2021 IRC	M2005

Electrical Rough/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Required outlet spacing /location	2021 IRC	E3901
Required outlets/switches –circuits Kitchen counter top spacing	2021 IRC	E3901
Protection of wires run through framing/studs	2021 IRC	E3610
Support of NM cables (staples)	2020 NEC	314.23 334
NM cable in wet locations /kitchen islands (not allowed)	2021 IRC	E3907
Grouping/bundling of cables (no more than 4- #12 & #14)	2021 IRC	Ch. 37
Damaged, pinched or torn cables	2021 IRC	E3404.10
Sealing penetrations top plates and fire blocking	2021 IRC	Ch. 3
Recessed lighting fixtures –clearances /energy	2020 NEC	410
Bonding of metal boxes /ground pigtails/grounding	2021 IRC	E3609
Ceiling fan rated boxes	2020 NEC	314.27
Smoke/fire alarm locations	2021 IRC	R314

Electrical Rough/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Attic space requirements: switches, service outlet, a/c disconnect & exhaust fan controls	2020 NEC	210.70 210.63 320.23
Jacuzzi tub requirements: circuits, GFCI & bonding	2021 IRC	E3902
Conductor fill for boxes/number or cables in box	2020 NEC	314.16
Panel service conductor size	2021 IRC	E3706
Neutral identification (white tape)	2021 IRC	E3407
One neutral per termination point on bar/buss Grounds may be doubled	2020 NEC	408.41
Sub-panel isolation/no bond at to neutral at sub-panel	2020 NEC	250.24
Coverage of panel during construction	2020 NEC	110.12
Bonding/grounding: all metal enclosures/cold water bonding	2021 IRC	E3607
Concrete encased electrode/other electrodes/access	2021 IRC	E3608
Panel identification/markings—phases/amps/voltage	2021 IRC	E3706
Panel maximum 42 circuits	2020 NEC	408.54

Plumbing Top Out/Gas Test/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Plumbing vent termination with respect to openings	2021 IRC	P3103
Water heater vent location	2021 IFGC	503
Gas pipe sizing and tests. CSST must be supported every 4 ft. and a min. of 12" clearance from roof deck unless installed in a flexible metal sleeve must be bonded from manifold to breaker panel with min. # 6 wire or equivalent. Tested 10 lbs. on 20 lb. 3 1/2" diaphragm test gauge and 3 lbs. on a 6 lb. 3 1/2 diaphragm test gauge on low side with current calibration sticker. Gas pipe bonding to electrical system	2021 IRC TIM	G2413&17
Ventilation	2021 IRC	M1507
Protection of piping (freeze or damage)	2021 IRC	P2603
Fixture drainage lines	2021 IRC	P3005
Tests and inspection (sanitary drainage and potable water)	2021 IRC	P2503
Required Hose bibs (2 on SFD front & rear) 1 on Town homes and Condo's	TIM	
Showers (material, installation and testing)	2021 IRC	Ch. 27 P2503.6
Island fixture venting	2021 IRC	P3112
Vent connection and grades	2021 IRC	P3104
Stack venting	2021 IRC	P3102
Wet venting limitations	2021 IRC	P3108
Trap arm and p-trap	2021 IRC	Ch. 32
Prohibited traps	2021 IRC	P3201.5
Clothes washer trap and tail piece height requirement	2021 IRC	Table 3201.7 P2706
Piping support	2021 IRC	P2605

Plumbing Top Out/HVAC Rough/Gas Test/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
	TIM for CSST	
Water heaters: Regulations and installation	2021 IRC TIM	P2801
Insulate hot water lines	2021 IECC	R403.5.3
Above ceiling pan and drain for water heater	2021 IRC	P2801

Building/Framing/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Wall heights/stud heights	2021 IRC	Ch. 6
Safety glazing	2021 IRC	R308
Wind bracing	2021 IRC	R602
Struts and purlins	2021 IRC	R802.5.1
Brick supported by wood members	2021 IRC	R703.8
Cutting, notching and boring	2021 IRC	R502.8 R602.6
Floor joist bearing	2021 IRC	R502
Bathroom and laundry room ventilation	2021 IRC	R303.3
Attic ventilation (This only for a reminder at this stage. Shall not cause inspection disapproval.)	2021 IRC	R806
Rafter, joist, header construction	2021 IRC	R802.3 R502.4 R602.7 R804.3
New additions or remodel, smoke detector requirements/wiring Carbon monoxide alarms	2021 IRC	R314 R315
Bottom plates anchor - bolts or shot	2021 IRC	R403.1.6
Perimeter bottom plates – treated	2021 IRC	R317
Fire blocking - holes and openings in top plates	2021 IRC	R602.8

Building/Framing/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Draft stop	2021 IRC	R502.12
Stairs: run, rise, width	2021 IRC	R311
Fireplace lintel support	2021 IRC	R1003
Windows/skylights–U-Factor, SHGC	2021 IECC	R402
Proper lumber grade stamps	2021 IRC	R802.1.5.4
Roof and ceiling framing	2021 IRC	R802
Exterior wood protection/sheathing	2021 IRC	R703
Framing at skylights	2021 IRC	R802.9
Line up of floor and ceiling joists to studs	2021 IRC	R602.3.3
Size & location of emergency bedroom windows	2021 IRC	R310.1
Driveway not allowed to street if alley exists	CZO	Ord 1604 as amended
Nailing patterns on exterior sheathing	2021 IRC	R 602
No green board allowed in bathroom shower/tub areas	2021 IRC	R702.3. 7

Insulation Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Insulation – walls, ceilings, floors	2021 IECC	R402
COG Amendments	2021 IRC	1102.1
Water resistance barrier on exterior wall envelope	2021 IECC	R402

Energy Compliance Certificate Checklist 3rd Party Inspection

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Building thermal envelope leakage testing verification	2021 IECC	R402.4.1.2
Duct leakage testing verification	2021 IECC	R403.3.4

HVAC/Energy Final Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

Furnace AFUE rating (seasonal)	2021 IECC	Tbl.503.2
Seal firebox where penetrated by gas log lighter		Mfg Specs
A/C pad	2021 IRC	M1305.1.3.1
Catwalk and working space for attic units	2021 IRC	M1305.1
Appliance venting (if installed) *Vent-A-Hood not included	2021 IRC	M1801
A/C overcurrent protection to manufacturers specs	2020 NEC	440.22
Controls / Temperature - programmable	2021 IECC	R403.1
Clearance from combustibles	2021 IRC	M1306.1

Utility Release/Plumbing/Energy Final Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
All plumbing fixtures in place, connected and water on	2021 IRC	P2503
No leaks in fixture drains	2021 IRC	P2503.5.2
Gas shut-off valves and connectors	2021 IRC	G2420
Water heater temperature and pressure relief valve	2021 IRC	P2804
Water heater clearance (if installed)	2021 IRC	M2005
Service water heating	2021 IECC	R403.4
Valve box at house	2021 IRC	P2903.9.1
Vacuum breakers/frost proof hose bibs	2021 IRC	P2903.8.5 P2903.10
Seal firebox where penetrated by gas log lighter		Mfg Specs
Electrical safely capped (or fixture installed)	2020 NEC	410.8
Electric panel–feeder size	2020 NEC	310.15
Grounding electrode system	2021 IRC	E3608
City clean out	GDS	S11
Water meter can	GDS	W-7
Clearance from combustibles	2021 IRC	M1306.1
Bollards behind driveways for subdivision screening walls	GDS	M-4

Pool Work Final Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
P-Trap	2021 IPC TIM	802
GFCI for pool lights	2020 NEC	680
GFCI location & testing	2020 NEC	680
Grounding terminations	2020 NEC	680
Fence enclosure, gates and latches	2021 ISPSC COG	Sec. 305
Backflow protection	2021 IPC	608
Backwash/drain pipe	2021 ISPSC TIM	Sec. 320
Pool heaters ON-OFF switch	2021 ISPSC	Sec. 303
Pool cover for heated pools	2021 ISPSC	Sec. 303
Pool time clocks setting	2021 ISPSC	Sec. 303
Drainage	CZO 2021 ISPSC	Ord. 1964 Sec. 311
Entrapment protection/SVRS system in place	2021 ISPSC	Sec. 310

Electrical/Energy Final Inspection Checklist

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CODE ITEM	CODE	SECTION
Covers, outlets, and fixtures installed	2020 NEC	314.25
Tamper resistant receptacles	2020 NEC	406.12
AFCI (arc fault circuit interrupter) location/testing	2020 NEC	210.12
GFCI locations/testing	2020 NEC	210.8
Luminaire (light fixture) requirements	2020 NEC	410
Appliance installation	2020 NEC	422
Kitchen requirements—disposal cord, cook top flex strap; equipment tie in	2020 NEC	220.52
Smoke alarms in place and working	2021 IRC	R314
Jacuzzi requirements—tub grounded/bonded, dedicated circuit & accessibility	2020 NEC	680.71 - 680.74
Protection of wiring in attics/other attic requirements Service light and outlet, air handler disconnect & attic fan controls	2020 NEC	320.23 210.70 210.63
Electrical panel installation, identification, circuit labels (specific not general), breaker amperage consistent with conductor sizing, i.e. (no #14 romex on 20 amp breaker). Unused openings filled. Panel service conductor sizing	2020 NEC	210.19 215 310 408
Heating and air conditioning circuits (manufactures recommendations)	2020 NEC	440.22 422.12
Outdoor requirements—weather resistant outlets, in use covers	2020 NEC	406.9
Lighting of all egress doors to outside	2020 NEC	210.70
A/C disconnects labeled (if more than one)	2020 NEC	110.22
Outdoor service outlet for a/c unit	2020 NEC	210.63
Intersystem bonding terminations	2020 NEC	250.94

Building/Energy Final Inspection Checklist

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CODE ITEM	CODE	SECTION
Safety glass and glazing	2021 IRC	R308
Attic access and appliance access	2021 IRC	R807 M1305
Smoke detectors (with battery backup)	2021 IRC	R314
Carbon monoxide alarms	2021 IRC	R315
Front and rear address (minimum 4 inch numbers)	Policy 2021 IRC	Fire Dept. R319
Hearth size	2021 IRC	R1001.1
Combustibles clearance from fireplace opening	2021 IRC	Tbl 1001.1 R1001.11 R1003.18
Separation between garage and house	2021 IRC	R309
Percentage of exterior brick (SF@70%)	CZO	Art. VII
Water meter cans (boxes)	GDS	W-7
City walks and approaches	Subdv Ord GDS	Art. X, Sec. G X1 Sec B P-15, P-22 P-26
Sewer cleanouts, water valves, manholes; level and accessible	GDS	Water & Sewer Chapters
Any work done without permit such as fences exceeding 20 feet in length, lawn sprinkler, dish, pool, etc.	General Brochure	
Attic ventilation *Includes Vent-A-Hood duct	2021 IRC	R806
Exterior refrigerant piping	2021 IECC	R403
Blown-in insulation shall comply with IECC	2021 IECC	R402

Building/Energy Final Inspection Checklist

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CODE ITEM	CODE	SECTION
Surface drainage shall be directed to swales to ensure drainage away from foundation	2021 IRC	R401.3
Stair and handrail requirements	2021 IRC	R311.7
Termite letter	2021 IRC	R318
Bollards behind driveway	GDS	M-4

Clean and Show/Construction Heat/Electric Service Inspection Checklist

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CODE ITEM	CODE	SECTION
Proper breaker size for heating unit	2020 NEC	424
Panel cover installed	2020 NEC	408
Access to electrical equipment	2020 NEC	110
No holes in panel or unused openings	2020 NEC	408.7 110.12
Capping of all loose wires and installed outlet covers	2020 NEC	110.14
Identification of panel service on meter base or disconnect	2020 NEC	408 110 230

Clean and Show/Construction Heat/Gas Service Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Pipe materials (gas)	2021 IFGC	403
Pipe sizes (gas)	2021 IFGC	402
Connections (gas)	2021 IFGC	403
Pressure test (gas)	2021 IFGC	406.4.1
Proper installation	2021 IFGC	305
Venting of appliance	2021 IFGC	503

Clean and Show/Construction Heat/Gas and Electric Service Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Combine 6015 & 6020 inspections		

General Check/Follow-up Inspection Checklist

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CODE ITEM	CODE	SECTION
General Check/Follow-up		