



RESIDENTIAL INSPECTION REFERENCE CHECKLIST

- 1. This is only a reference guide and shall not be interpreted to be an all-encompassing checklist of requirements.**
- 2. Applicants and contractors are responsible for construction in accordance with their approved plans and at least to the minimum mandatory building code requirements, regardless of any oversights attributed to the City of Richmond Hill Building Department**
- 3. Any deviations from the approved plans may require documentation and/or a letter from the design architect/engineer.**
- 4. The building inspector may require additional documentation, testing and/or clarification from the applicant, design architect/engineer and/or testing company/lab, at any time in order to ensure code and/or approved plan compliance.**
- 5. If the structure falls within a Special Flood Hazard Area (SFHA), it must comply with certain minimum standards per FEMA regulations and/or the City of Richmond Hill Flood Ordinance.**

**CURRENT MANDATORY CODES PER The Uniform Codes Act of The Official Code of Georgia Annotated.
O.C.G.A. Section 8-2-20(9)(B)**

- INTERNATIONAL BUILDING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS
- INTERNATIONAL RESIDENTIAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS
- INTERNATIONAL FIRE CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS
- INTERNATIONAL PLUMBING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS
- INTERNATIONAL MECHANICAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS
- INTERNATIONAL FUEL GAS CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS
- NATIONAL ELECTRICAL CODE, 2020 EDITION (NO GEORGIA AMENDMENTS)
- INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION, WITH GEORGIA SUPPLEMENTS AND AMENDMENTS
- **FOR INFORMATION AND QUESTIONS REGARDING THE LIFE SAFETY CODE (NFPA 101) OR THE GEORGIA ACCESSIBILITY CODE PLEASE CONTACT THE STATE FIRE MARSHAL'S OFFICE. Phone:(404) 656-2064**

BUILDING INSPECTIONS DEPARTMENT

(912)-756-4521

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1-12-2023

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Prior To Requesting First Inspection:

- Post job box with permit, approved stamped plans and approved site plan. Permit and plans are to remain on site until the C/O is issued
- Post the lot number of the job site until C/O is issued *IRC R319.1*
- Backflow installed on water lateral
- Erosion control installed per approved plans: silt fence, construction exit, storm drain inlet protection, etc.
- Erosion control plan on site – Contractors should have Level 1A (blue card) and subcontractors should have Level 1 (white card) *EPD NPDES*
- Chemical toilet must be on site prior to the first inspection *IRC R306 with Ga. Amendment*
It shall not be located on or near a storm inlet or curb inlet box nor shall it be located in the street.
- If/when trash bin (roll off) is present, it must be located on the site and not in the road.
- No dirt in road, curb and gutter adjacent to this lot
- No dirt/debris blocking storm drain opening adjacent to lot

For All Inspections

- Erosion control installed and maintained, per approved plans: silt fence, construction exit, storm drain inlet protection, etc.
- No dirt in the curb and gutter adjacent to this lot
- No dirt/debris blocking storm drain opening adjacent to lot
- No dirt in the road from this lot
- Job box with permit, approved stamped plans and approved site plan. Permit is to remain on site until the C/O is issued
- Post the lot number of the job site until C/O is issued *IRC R319.1*
- Backflow installed on water lateral
- Erosion control plan on site – Contractors should have Level 1A (blue card) and subcontractors should have Level 1 (white card) *EPD NPDES*

Saw Pole (1 inspection)

- Pole must be securely and firmly installed in the ground
- Minimum size # 8 grounding conductor to ground rod w/suitable clamp *NEC 250*
- Proper conductor sizes *NEC 110.6*
- All receptacles must be watertight and GFCI protected *NEC 210.8*
- Circuit breakers must contain a legible amp rating *NEC 110.9*
- All non-current carrying metal parts are to be bonded with a bonding screw, bus bar, copper wire, or other similar conductor *NEC250.92(2) & NEC 250.28(A)*.

Footings-Stem Wall (1 inspection)

- Setbacks – All string lines must be pulled from all property corners or form board check signed by surveyor must be submitted. Setbacks at the property must agree with the setbacks on the building permit application and the approved plans.
- Footings shall be on natural soil or engineered fill and must be 12” into the soil *IRC R403.1.4, A*
load-bearing test must be completed by a laboratory, the results must be minimum 98%. *IRC R401.4*
approved test results required before inspection will take place.
- Natural Ground / Engineered Fill Certification filled out.
- Footings and Slabs per Engineer plans/ IRC min requirements
- Reinforcement rods as per plans
- Concrete on grade slabs used with stem wall foundations shall have 6X6 W1.4X1.4 welded wire synthetic fiber reinforcement *ICC 600*
- Vertical bars to be at 4’ OC or as per plans (can be wet set, but must be bent and on site)

- Additions must tie existing footing to the new footing according to approved plans.
- Pier pads to be constructed as per plans.
- No organic material *IRC R408.5*

Plumbing Under Slab (1 inspection)

- Horizontal drainage piping slope between 1/8"-1/4" (IRC 3005.3)
- 10' stack pipe must be full of water for 15 minutes (IRC 2503.4)
- Pipes through foundation walls and scoop footings must be sleeved w/pipe 2 sizes larger and foamed on either end and between sleeve and the stem wall (IRC 2603.4, and 2606.1)

Sewer Tie In (1 inspection)

- Sewer line must be open trench to see run of lines and connections *IRC P3002.2*
- Sewer line solvent cementing conforms to ASTM D 2235 or CSA B181.1 *IRC P3003*
- Sewer line from road connection to first clean out not located under drive way.
- Required cleanouts at house and street and 1 every 100' (IRC 3005.2.2)
- Horizontal drainage piping slope not less than 1/8" for diameters of 3" or more (IRC 3005.3)
- Tracer wire must be maintained at street cleanout

Slab-Stem Wall (1 inspection)

- FEMA Building Under Construction Elevation Certificate must submitted and approved before inspection can be conducted. (When applicable) (Allow 3 business days for review).
- Compaction test results *IRC R401.4* (Approved test results required before inspection will take place)
- Termite Treatment proof *IRC R318*
- Cover slab with 6-mil vapor barrier *IRC R506.2.3.*
- Bond Beam as per plans or 1 #5 rebar
- Scoop footings must be to plans
- No organic material *IRC R408.5*
- Minimum slab thickness, 3½" *IRC R506.1 and ICC 600*
- Anchor bolts placed as per plans
- If go-bolt system is used (for uplift resistance), at 6' intervals, anchor bolts are still required at 3' o.c. (for shear and lateral support), as well as within 6" to 12" of the sill plate terminations and corners. *Manufacturer's instructions and ICC 600*

Monolithic Slab (1 inspection)

- FEMA Building Under Construction Elevation Certificate must submitted and approved before inspection can be conducted. (When applicable) (Allow 3 business days for review).
- Setbacks – All string lines must be pulled from all property corners or form board check signed by surveyor must be submitted. Setbacks at the property must agree with the setbacks on the building permit application and the approved plans.
- The total depth of a mono slab is 20" (8" above ground and 12" in ground) *ICC 600*
- Compaction test results *IRC R401.4* (Approved test results required before inspection will take place)
- Termite Treatment proof *IRC R318*
- Natural Ground / Engineered Fill Certification filled out.
- Mono slab and scoop footings per approved plans
- Anchor Bolts: as per plans
- If go-bolt system is used (for uplift resistance), at 6' intervals, anchor bolts are required at 3' o.c. (for shear and lateral support) and within 6" to 12" of the sill plate terminations and corners. *Manufacturers instructions and ICC 600*

- All mono slabs must have a minimum of a 6-mil vapor barrier *IRC R506.2.3*
- No organic material *IRC R408.5*
- Footings and Slabs per Engineer plans/ IRC min requirements

Sub-Floor (1 inspection)

- FEMA Building Under Construction Elevation Certificate must submitted and approved before inspection can be conducted. (When applicable) (Allow 3 business days for review).
- 5/8" anchor bolts to foundation walls / piers *ICC 600*
- 7/16" minimum sub floor (structural sheathing) thickness *ICC 600*
- Floor bracing – full depth blocking, perpendicular to floor framing members, in the first two framing spaces at each end of floor system spaced 4' o. c. *ICC 600*
- Floor structure clearance from ground *IRC R317.1*
- Ventilation – within 3 feet of all corners, then one (1) square foot of ventilation for every 150 square foot of building space *IRC R408.1 & R408.2*
- Remove all debris from the crawlspace *IRC R408.5*
- Size beams to span *IRC R502.5*
- Pressure treated floor joist, girders, etc. within 18" of earth *IRC R317*
- Floor girders and Ceiling girders installed with uplift connection *ICC 600*
- Floor joist need hangers or approved ledger *ICC 600*
- Size Girders to span *IRC R502.5*
- Size joists to span *IRC R502.3*
- Access equipment in wall/floor must have not less than 30" high and 22" wide clearance with maximum distance to equipment 20' *IRC M1305.1.4 with GA Amendment*

Nailing (1 inspection)

- NOTE: No house wrap can be installed until the nailing inspection is approved.
- Exterior straps, hold downs and/or clips per engineered plans
- Nail spacing 3" on the seams and 6" in the field or as per plans (ICC 600-307)
- Sheathing must attach to the top member of the double top plate *ICC 600*
- Exterior sheathing must over lap at the floors *ICC 600*
- Minimum sheathing thickness for walls and roofs, 15/32" *ICC 600*
- Purlin blocking required on all seams of the wall sheathing *ICC 600*
- Balloon framing or diaphragming at the gable end walls *ICC 600*

MEP Rough-In Inspections (3 inspections together)

(1) Mechanical Rough-In

- Appliance access in attic: Unobstructed passage way min. 30" high x 22" wide. The passage way shall have continuous solid flooring 24" wide. A level working space of 30" x 30" shall be maintained on all sides, where access is required. The clear access opening for removal of the appliance is a min. 20" x 30" and big enough to remove largest appliance. *IRC M1305.1.3*
- Units set with drains for condensation and pan *IRC M141*
- Dryer Vent vertical through roof needs clean out *IMC 504.3*
- Heat source required in all habitable rooms *IRC R303.9*
- All "hub" type condensation drains must be equipped with a priming mechanism to prevent them from drying out.
- Flexible air-connectors limited to maximum 14' (IMC 603.6.2.1 with GA Amendments)
- Ducts shall be installed and sealed (output and input) *IRC I601.4.1, with GA Amendment*
- Duct line support, maximum 10', flex duct *Manufacturers instructions and IMC 603.10*

- Electric Cloth Dryer Exhaust max. 35', minus bends (IRC 1502)
- Exhaust Ducts shall terminate to the exterior of the building (IRC 1504.3)
- **NOTE: See Georgia IECC Appendix A, Air Sealing Keys Points.** (Found on DCA website)

(2) Plumbing Rough-In

- Water meter, backflow and meter box installed
- Two (2) hose bibs – one at rear and one on the side *IRC CH 27*
- Waste line supported maximum of 48" *IPC Table 308.5*
- All water lines in the unheated spaces must be insulated *IPC 305.6*
- All plumbing line protected from nails and screws *IPC 305.8*
- Metal straps for cuts in wood and notches to studs and top plates. (less than 1 ½" to member edge) Min 2" above sole plates and below top plates *IPC 305.8*
- Maximum travel distance to a water heater installed in the attic is 20' from the attic access (exception 50' requirements) *IPC 502.3*
- Water heaters must be sized to: *Table IPC 506 GA Amendment*
- The venting of the water heater temperature pressure relief valve and its drain line must comply with: *IPC 504.6 with GA Amendments*
- The venting of the water heater's auxiliary drain pan must comply with: *IPC 504.7.2*
- Water hammers on all fixtures with quick losing valves (washing machines, dishwasher, icemakers, etc.). *IPC 604.9*
- Minimum working pressure on all water service pipe 160 psi *IPC 605.3*
- Required vent: not less than one vent pipe that extends to outdoors *IPC 904*
- Roof vent covers installed *IPC 305.5*
- Structural safety: load bearing walls stud face 5/8" min, bored holes dia. 40% of stud width 60% of stud width if stud double, notch 25% of stud width max *IPC 307*
- Minimum pressure rating of 100 psi on all hot water pipes. *IPC 605.4*
- A minimum of 1 vent pipe through the roof *IPC 917.7*
- No copper lines can be used for gas lines in walls.
- Gas lines must have a minimum pressure of 10 psi.
- Water lines test pressure min. 60psi
- Required test on DWV (Filled with water) *IPC 312*
- Corrugated Stainless Steel Tubing (CSST) shall be bonded directly to the electrical grounding system. The direct bonding shall be made with a #6 AWG copper wire *IRC G2411.1.1*
- **NOTE: See Georgia IECC Appendix A, Air Sealing Keys Points.** (Found on DCA web site)

(3) Electrical Rough-In

- **NEC2020 & Georgia Amendments**
- Two separate circuits for kitchen area, minimum 20 amps *NEC 210.52 (B)(1)*
- Conductor sizes *NEC Table 310.15(B) & 310.16*
- Required outlets *IRC Chapter 39, & NEC 210.52*
- Lighting outlets required *IRC Chapter 39, & NEC 210.70*
- Branch Circuits requirements *NEC 210*
- Wiring Integrity (free of damage) *NEC 110.07*
- Equipment marking *NEC 110.21*
- Identification of disconnection means *NEC 110.22*
- Clearance for panel boards 36"x30" *NEC 110.26*
- Lights and receptacles in required locations *NEC 210 / 410 and NEC 210.52*
- Panels shall located in accordance with *NEC 240.24(E)*
- Service Entrance cables shall be supported by straps or other approved means within 12" of every service head or connection to an enclosure and at intervals not exceeding 30" *NEC 230.51*

15 amp	14g	White
20 amp	12g	Yellow
30 amp	10g (5KW)	Orange
40-45amp	8g (7.5KW)	
60amp	6g (10KW)	
2awg	150amp	
4awg	200amp	

- Protection against physical damage bored holes less than 1 ¼” to edge needs nail guard, notches in wood need nail guard, in both exposed and concealed locations cables parallel to framing members and furring strips shall be installed and supported so that the nearest outside surface of cable is not less than 1 ¼” from the nearest edge of the framing *NEC 300.4*
- Box fill calculation *NEC 314.16*
- Ground clamps in receptacles *NEC 250*
- NM cables shall be supported and secured by staples, cable ties, straps etc not exceeding 4 ½’ *NEC 334-30*
- Lighting in closets: minimum to shelf: 12” surface-mounted, 6” for surface-mounted, 6” for recessed *NEC 410-16*
- Smoke alarms *IRC 314*
- Carbon Mon oxide alarms *IRC 315 & Ga. Amendments*
- No smoke detector within 36” of air return: install outside of airflow.
- No smoke detector within 36” horizontal path of bathroom door or kitchen door.
- No exposed wiring within six (6) feet of scuttle hole & seven (7) feet of attic access with stairs without guards. (NEC 320.23)
- Whirlpool tub motor, bonding required *NEC 680.74*
- NOTE: See Georgia IECC Appendix A, Air Sealing Keys Points.** (Found on DCA web site)

Framing Rough-In Inspection (1 inspection)

- Building under construction elevation certificate required if in a special flood hazard area (SFHA). Flood vent openings, if required. Water resistant material required below base flood elevation. *See FEMA regulations for complete requirements.*
- Sill or bottom plate has anchor bolts, mud sills, etc., installed correctly. (As per Plans)
- Shear wall strapping as per plans
- Opening Strapping as per plans
- Roof rafter strapped with proper strapping as per plans
- Gable wall blocking, and bracing as per plans
- Hurricane clips on every roof rafter, installed per plan *ICC 600*
- Floor bracing and full depth blocking, perpendicular to floor framing members, in the first two framing spaces at each end of floor system spaced 4’ O.C. *ICC 600*
- Joist bearing min 1.5” on wood or 3” on masonry *IRC 502.6.2*
- Minimum window and door DP rating of 40 (DP 50 required if not providing protection per IRC 301.2.1.2)
- Due to the spans and loads at the garage door header, laminated beams shall be engineered.
- Verify tempered glass at exterior doors, windows within 5’ of tub drains, stairways and at required windows, etc *IRC R308.4*
- Door from garage to house cannot go through bedroom, must be solid core door *IRC R302.5.1*
- Garage wall and ceiling separation ½” drywall from residence and attic shall not be less than ½” gypsum board to garage side *IRC R302.6 Penetrations 302.6* also no duct openings in garage *IRC R302.5.2*
- Garage ceiling beneath habitable rooms shall be not less then 5/8” Type X gypsum board *IRC R302*
- Egress widows must meet 5.0sf 1st floor and 5.7sf 2nd floor (min. width 20” and height 24”) (IRC 310.1.1 and Exception)
- Joist boring or notching with middle 1/3 span, holes 2” from top or bottom in outer 1/3 span. Notching ¼” min maximum depth – 1/6” depth or notch at end for ledger *IRC Figure R502.8*
- Decks for residential applications and total design are 50 psf, per table. IRC R507 and GA Amendments
- Floor Framing *IRC Chapter 5*
- Maximum height on 2”x4” studs (bearing walls) = 10’ *IRC R602.3(5)*
- All penetrations in the wall top plates, sole plates, ceiling framing (horizontally and vertically, where applicable), etc., including for the passage of wires, pipes, ducts, etc. must be fire stopped with an approved material to resist the free passage of flame and products of combustion *IRC R302.8 and R602.8*
- All notches/cuts must be strapped with metal FHA straps 1 ½” wide across and

- 1 ½” at each side and extend minimum 6” past the opening *IRC R602.6.1 and Figure R602.6.1*
- Top Plate installed to provide overlapping at corners and intersections with bearing partitions. End joints in top plates shall be offset at least 24” *IRC R602.3.2*
- Attic opening rough opening 22”x 30” head height min 30” *IRC R807.1 and M1305.1*
- Attic access double framed and hanger/ledger
- Steel Wall Framing *IRC R603*
- Purlin blocking required on all seams of the wall sheathing *ICC 600*
- Balloon framing or diaphragming at the gable end walls *ICC 600*
- 2”X 6” collar ties every 48”
- Check spans of ceiling joist *IRC Tables R802.4(1) and (2)*
- Check spans of roof rafters *IRC Tables R802.5.1(1) - (8)*
- Knee walls or roof purlins must be the same size as the roof rafters (example 2”x 6” roof rafter must be braced with 2”x 6” members), with the rafters supported by the narrow edge of the purlin and not the flat size *IRC R802.5.1 and Figure 802.5.1*
- Fire blocking between floor spaces *IRC R1003.19*
- Draft stopping: floors/ceiling not more that 1,000 sq ft. *IRC R302.12*
- Minimum work space 30” x 30” in front of attic equipment *IRC M1305.1*
- All bathrooms and other similar rooms must have an exhaust fan that is vented to the outside directly, not to the soffit, attic, or crawl space *IRC M1507*
- Ceilings height not less than 7’, 6’-8” for stairs and bathrooms *IRC R305*
- Engineered truss plans on site if trusses used. *IRC R802.10.1*
- Ceiling joist and rafter connections shall be nailed to each other then rafter nailed to top plate, ceiling joist shall not be connected to rafters at the top wall plate, joist installed as rafter ties, ceiling joist not parallel to rafters, rafter ties installed on every rafter min 2”x 4” *IRC R802.3.1*
- Stairways: headroom 6’8” min, riser height max 7 ¾”, min tread depth 10” *IRC R311*
- Ventilation fans 50 cubic feet per minute, or operable windows (3 sq. ft. window), must be installed in all bathrooms, water closet departments, and other similar rooms *IRC R303.3*
- Stairs minimum width 3’ *IRC R311*
- Hallway minimum width 3’ *IRC R311*
- House to be water tight. All windows installed or on site or openings otherwise sealed
- Decks are to be built according to IRC 507 and the Ga. Deck amendment.

Insulation (1 inspection)

- R-13 exterior walls *IECC Ch. 5 with GA Amendments*
- R-19 walls that back to attic space(or R-13+5, or R-15+3) *IECC with GA Amendments, Appendix A*
- R-30 flat ceilings (no slopes, vaulted ceilings) *IECC Ch. 5 with GA Amendments*
- Insulation baffles to be installed adjacent to the soffit and eave vents *IECC 402.2.1.1 with GA Amendments*
- Attic doors, hatches, and scuttle holes accessed from conditioned spaces to unconditioned spaces shall be weather-stripped and insulated *IECC 402.2.3 with GA Amendments*
- No blown in insulation on sloped or vaulted ceilings, insulation batts only.
- Blown in insulation must be marked in attic by stapled paper rulers for depth and R-value. Blown insulation thickness will be confirmed at the final Inspection.
- Paper vapor barrier must be installed toward the living space (Batting) *IRC R318.1*
- Seal and insulate around windows and doors *IECC w/GA Amendments*
- Low-e glazing with the min. factor and solar heat gain coefficient *IECC Ch. 5 with GA Amendments*
- Attic doors and hatches same r value as ceiling with blown insulation.
- Insulation dams required at attic access with blown insulation.
- NOTE: See Georgia IECC 2022 Amendments for requirements for indirectly conditioned attics.**
- NOTE: See Georgia IECC Appendix A, Air Sealing Keys Points.** (Found on DCA web site)

Power Release (1 inspection)

- Meter box installed with 2 ground rods 6' apart uncovered and visible *IRC 3608.4, & NEC 250.53(A)(2)*
- Emergency Disconnect must be installed *NEC 230.85*
- Verify wiring sizes and breaker sizes in the main panels, sub panels, *NEC 210.24*, and that service cables are properly sized to disconnects, *NEC Table 310.16* and coated with an anti-oxidant gel where they connect to the panel's lugs *NEC 110.14 and NEC 300.6*
- Circuit breakers must contain a legible amp rating *NEC 110.9*
- No double tapping at the circuit breakers, panel lugs, etc. unless rated and labeled for more than one wire *NEC 110.14(A)*
- Verify that the sub panel neutral buss bars are not grounded or bonded *NEC 250.24A5*
- All electrical receptacles, switches must be installed or the circuits must be capped with wire nuts and in junction box (Those under 6' must be capped and taped) *NEC 110.14(B)*
- All junction boxes must be covered, *NEC 314.28C* and not installed on cabinet floors or under sinks *NEC 314.15*
- If AC condenser is not set to a disconnect, the compressor circuit whip must be in a junction box. (Taped wire nuts are acceptable) *NEC 110.14(B)*
- All appliances must either be installed or circuits capped with wire nuts and in a junction box. (Taped wire nuts are acceptable) *NEC 110.14(B)*
- Lights and receptacles in required locations. *NEC 210 / 410 and NEC 210.52*
- Tamper Resistant Receptacles installed *NEC 406.12*

Certificate of Occupancy (4 inspections together)

(1) Building

- Final original FEMA Elevation Certificate must be submitted and approved before inspection can be conducted. (When applicable) (Allow 3 business days for review).
- 2020 Georgia Energy Code Certificate must be submitted before inspection is scheduled. The certificate must be posted as per instructions requirements.
- Termite Bond form 99b must be submitted before inspection is scheduled.
- Duct Tightness Test must be submitted before inspection is scheduled.
- Lot Grading Verification Form must be submitted before inspection is scheduled.
- All sidewalks must be installed to property lines.
- Yard clean of all debris.
- Trees per City of Richmond Hill Tree Ordinance / Subdivision approved plan
- Final grade and final erosion control in place. Mulch required over yard seeding.
- 911 address plainly visible and legible from the road or street 4" in Height and ½" stroke width *IRC R319.1*
- All exterior penetrations and door thresholds sealed with approved exterior sealant *IECC 502*
- Min. Height above Finished Grade *IRC R404.1.6*
- Grading around homes, minimum 6" drop in first 10' *IRC R401.3*
- All smoke and or CO detectors functioning, interconnected, inside and outside of the bedrooms, on each floor, etc. (IRC R314.1 and R315.1 w/GA Amendment)
- Handrails are required on stairs with 4 or more risers *IRC R311.5.6*
- Verify tempered glass at exterior doors, windows within 5' of tub drains, at required windows, etc. *IRC R308.4*

- All handrails installed and turned in towards the walls, all guardrails installed *IRC R311*
- Guard rails required where vertical drop is greater than 30" *IRC R312.1 with GA Amendment*
- Stair handrail height 34" to 38" *IRC R311*
- Max. riser height 7 3/4" and min. tread 10" *IRC R311 with GA Amendments*
- All stairways require a handrail to be continuous and graspable *IRC R311*
- Maximum tread on winder is 6" at the narrowest point and 10" at 12" from the inside point *IRC R311*
- Stairs minimum width 3' *IRC R311*
- Hallway minimum width 3' *IRC R311*
- Screened porches and screened decks, as well as those without screens, over 30" high require guards. *IRC R312.1*
- If blown Insulation, attic door/ hatch same R value as ceiling.
- Spray foam insulation paper with depth, R value, type, and if thermal/ignition barrier is installed.
- Blown in insulation must be marked in attic by stapled paper rulers for depth and R-value. Blown insulation will be confirmed at the Pre-Final Inspection *IECC w/ GA Amendments*
- Attic doors, hatches, and scuttle holes accessed from conditioned spaces to unconditioned spaces to be weather-stripped and insulated (2020 Ga. Residential energy code)
- Drip edge required *IRC R905.2.8.5*
- Garage/house separation: 20 min rated door *IRC R302.6*
- Egress Doors: no key only locks and min 32" wide *IRC R311*
- Glazing tempered windows 60" from tub/shower, 36" stairs, stair landing less than 36", window greater 9 sq ft and less than 18" above floor & top 36" above floor walking with 36", window 24" of door *IRC R308*
- Weep holes are required, every 33" o.c.in brick veneer siding *IRC R703.7.6* flashing *IRC R703.8*
- Copy of RES CHECK in panel box *IECC w/ GA Amendments*
- Under Stair Protection (*IRC R302.7*)
- Appliance access in attic: Rough Framed opening min. 30" x 22" x 30' head room. The passage way shall have continuous solid flooring 24" wide. A level working space of 30" x 30" in front of service side. Pull down or permanent stairs required (*IRC R807.1 & Ga. Amendments*)

(2) Electrical Final

- All receptacles working properly and GFI receptacles in all required locations and working properly *IRC3902 & NEC 210.8*
- Outside receptacles: damp and wet location covers *IRC 4002.8 - 4002.10, & NEC 406.9*
- Every circuit breaker shall be legibly identified as to its clear, evident and specific purpose or use *IRC 3404.13, & NEC 408.4*
- Disconnects must have clearance 30" wide 6'6" high and 36" in front (*IRC 3405.2 & NEC 110.26*)
- Maximum height of disconnect is 6'7" (*NEC 404.8*)
- Lighting closets location -minimum to shelf - 12" surface-mounted, 6" for recessed *NEC 410.16(C)*
- Lights at bathtub and shower areas: no parts of cord-connected luminaries, chain, cable, or cord suspended luminaries, light track, pendants or ceiling-suspended fans shall be located with a zone measured 3' horizontally and 8' vertically from the top of the bathtub rim or shower stall threshold *NEC 410.10(D)*
- Branch circuits: dwelling units, laundry, bathroom and small-appliances: two branch circuits min., shall have no other outlets on them *NEC 210.11(C)*
- Arc-Fault Circuit-Interrupter protection-(15 and 20 amp branch circuits) - all must be protected except for bathrooms, Garages, and exterior. *IRC 210.12*
- Identification of disconnection means *NEC 110.22*
- Unused openings in panels covered *IRC E3404.6*
- Emergency Disconnect must be labeled (*NEC230.85*).
- Surge protection must be installed (*NEC 230.67 (A) & (B)*).
- Islands and Peninsular countertop receptacle outlets must have the required amount (*NEC 210.52(C)(2)*).

(3) Mechanical Final

- Dryer vent vertical through roof needs clean out *IMC 504.3*
- Fresh air intake required where the air infiltration rate in a dwelling unit is less than 5 air changes per hour when tested with a blower door test. *IMC 401 .2*
- Whole house mechanical ventilation system required for homes with indirectly conditioned attics (2022 IECC Ga. Amendments)
- HVAC Equipment working

(4) Plumbing Final

- Water Meter, backflow and meter box not damaged/broken/missing
- Irrigation back flow installed if irrigation installed *IRC P2902*
- Hose-connection backflow preventer *IRC P2902.3*
- Water Heater
 - Relief valves required (Expansion tanks, or watts valve)(Private wells excluded)
 - Temperature relief valves
 - Thermal expansion control (Anti- Scald valve) when required
 - Cold water shut off valve
 - Discharge pipe installed to the outside not more than 6" above grade
- Required traps installed *IRC P3201*
- Plumbing fixtures free of leaks and have hot water at time of inspection.
- NOTE: See Georgia IECC Appendix A, Air Sealing Keys Points.** (Found on DCA website)
- Gas Piping shut off (2022 Ga. Amendments 409.2.1)