

**Indian River County Building Division (FRC 2004)**  
**Residential Single Family Combination Permit (BRCOM) Required Inspection Checklist**

07/03/2006

**NOTICE : These changes in Inspection Scheduling are effective immediately.**

- ❑ **Must have Notice of Commencement (NOC) on file with Building Office before any Inspections scheduled.**
- ❑ **Must have subcontractor affidavit on file for inspection in a particular trade.**
- ❑ **Must have approved FormBoard Survey and Density report recorded in Building Office before Slab Inspection.**
- ❑ **Must have Temporary Permanent Power inspection prior to final and system energized for FINAL inspection.**
- ❑ **Schedule all finals together at one time: Call in only the 999 inspection code on a BRCOM (new single family combination) permit.**
- ❑ **999 for Final on the master permit and 999 on each active sub permit for other permit types.**

102	Footing/foundation (Optional except where applies)
137	Stem Wall (Optional except where applies)
301	Plumbing Rough
503	Slab – (Must have approved formboard Survey and Density Report)
110	Columns (Optional except where applies)
119	Tie Beams
112	Structural Steel (Optional except where applies)
—	Aluminum Infill (Optional except where applies)

▶ {These five Inspections must be accepted prior to any insulation installation.}

152	Sheathing (Nailing)
203	Electrical Rough ( Including all low voltage – Burglar/Alarm wiring, Audio)
311	Plumbing Top Out (Including Gas rough if applicable)
403	Mechanical (A/C) Rough
124	Framing - <u>Only after Electric, Mechanical Rough and Plumbing Top Out</u>
164	Soffit
193	Shutters

313/303	Septic/Sewer Connection
400	Gas Rough (Optional except where applies)
510	Wall Insulation
511	Attic Insulation
126	Truss Strapping
118	Truss Bracing
136	Metal Lath (Stucco) (Optional except where applies)

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- ▶ **603**            **Roof Dry-In AND roof Flashing and Edge Metal**
- 609**            **Roof Covering**
- ▶ **211**            **Temporary Permanent Power**
- ▶ **999**            **Building FINAL - Includes Electrical, Plumbing(& Gas), Roof, Mechanical, Insulation, Driveway, and Storm Shutters (with approved shutter affidavit) FINAL inspections.**

### **2004 FLORIDA BUILDING RESIDENTIAL CODE**

#### **102 – FOOTINGS, FOUNDATIONS & STEM WALL**

- Check for plans, permit, NOC and sub contractor affidavits
- Form board survey – density and Soils Investigation Report if applicable recorded in the Building Department before inspection.
- Make sure plumbing rough has been approved if applicable.
- Termite treatment and certification on site per R 319 thru R 320
- Footings are clean of all vegetation and debris – mud etc. – R 408.4
- Uffer ground per NEC 2002 Article-250
- Check footing size, depth, and width – minimum 12” below grade. R 403.1.4
- Inspect per approved set of plans for reinforcing size and locations including spacing as per ACI 318.
- Cast in place concrete reinforcement protection in accordance with Table 1907.7.1 [FBC]
- A 20” wide X 10” deep footing for block construction or a 16” wide X 10” deep footing for wood frame construction [one story buildings require 2 # 5 rebar and two story buildings require a 4” wider footing plus 3 # 5 rebar.] per Indian River County policy or provide Soils Investigation Report.

#### **503 - SLABS – MONOLITHIC FOOTERS**

##### **PRIOR TO SLAB INSPECTION PLUMBING ROUGH MUST BE SIGNED OFF**

- Check for plans, permit, NOC and sub contractor affidavits.
- Form board survey, density, and soil reports. Make sure plumbing inspection was made.
- Termite treatment certification – R 319 – R 320
- Minimum thickness of concrete floor slabs shall be not less than 3 ½ inches unless designed by an architect or engineer. – R 403.1.1
- Vapor retarder minimum 6 mil with joints sealed – lapped 6 inches. R 506.3.2
- If welded wire reinforcement fabric is used in slabs they must be supported with approved materials or supports not to exceed 3 feet. – R 506.2.4

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- Follow approved set of plans for steel size and spacing.
- All steel and concrete to be in accordance with ACI-318
- Cast in place concrete reinforcement protection in accordance with Table 1907.7.1[FBC]
- Grounding electrode conductor to footing steel (UFFER) per NEC 250.
- A 20" wide X 16" deep footing for block construction or a 16" wide X 20" deep footing for wood frame construction [one story buildings require 2 # 5 rebar and two story buildings require a 4" wider footing plus 3 # 5 rebar.] per Indian River County policy or provide Soils Investigation Report.

#### **119 TIE BEAM CHECKLIST**

##### **PRIOR TO TIE BEAM INSPECTION SLAB MUST BE SIGNED OFF**

- Check for plans, permit, NOC and sub contractor affidavits
- Check building permit number on job card.
- Check for sign-off of any previous, required inspection(s).
- Check for reviewed plans
- Check structure layout with plans for size of columns and beams.
- Check rebar size and splice, location of splices, stirrup size and spacing, lintel bearing, clean outs per plans and concrete coverage per Table 1907.7.1 [FBC]

#### **124 - FRAMING CHECKLIST**

##### **PRIOR TO FRAMING INSPECTION THE FOUNDATION OR SLAB, TIE BEAM IF APPLICABLE, ELECTRICAL ROUGH, PLUMBING TOP OUT AND MECHANICAL ROUGH INSPECTIONS MUST BE COMPLETE. AT THIS TIME THE ROOF SHOULD HAVE HAD REQUIRED INSPECTIONS OR BE READY AT THIS TIME FOR INSPECTION.**

- Check for plans, permit, NOC and sub contractor affidavits
- Check building permit number on job card.
- Check for sign-off of any previous, required inspection(s).
- Check for reviewed plans
- Check structure layout with plans.
- Check for door / window product approval. Also check design pressures.
- Check bedroom windows and door for egress. R 310
- Check bathroom door for handicap requirements, 29" clear opening required - Florida Accessibility Code 11-11(1)
- Check for glass in a hazardous location. R 308.3 & R 308.4
- Check that glazing type conforms to the energy code – Florida Energy Code 13-401 & 601
- Check that stairs, handrails, guardrails and ramps are per code. R 311 & R 312
- Check width of hallways. R 311.3

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- ❑ Check for proper headroom. R 311.5.1 & R 311.5.2
- ❑ Check that wood frame walls comply with plans, J-bolts, beam sizes, number of jacks needed, headers, posts, and notching or boring of structural members.
- ❑ Check that shear walls are constructed according to reviewed plans.
- ❑ Check that framing lumber required to be protected from decay are constructed according to R 319.1
- ❑ If under slab termite treatment was not used – Wood treatment certification per R 320
- ❑ Check for fire blocking, draft stop and filling of all penetration in top plates and exterior walls. Sections R 502.12 + R 502.13 & R 602.8
- ❑ Masonry chimneys per R 1001
- ❑ Masonry fireplaces per R 1003
- ❑ Attic access. R 807
- ❑ Crawl space, access, wood construction, ventilation. R 408

### **136 - METAL LATH**

#### **PRIOR TO LATH INSPECTION MAKE SURE FRAMING AND SHEATHING ARE PER PLAN AND INSPECTED.**

- ❑ Check for plans, permit, NOC and sub contractor affidavits
- ❑ Metal lath is required to comply with ASTM C847, ASTM C933, ASTM C1032, and ASTM C1063. FBC 703.6
- ❑ Yellow plastic lath must also meet ASTM requirements.
- ❑ Check plan to locate all areas to receive lath and any specific information pertaining to lath.
- ❑ Verify proper application and that lath is non-corrosive (i.e. paper back lath where paper back is required) 703.6
- ❑ Verify proper fasteners (non-corrosive) and spacing per ASTM C1063. (Depends upon material used)
- ❑ Verify proper installation and lapping requirements per ASTM C1063. (Depends upon material used)
- ❑ Verify proper application of all beads (casing, cornerite, etc.) per ASTM C1063.

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#### 152, 603, 154, 609 - SHEATHING – ROOFING CHECKLIST

##### 152 Sheathing

- ❑ Check for plans, permit, NOC and sub contractor affidavits. Product Approval on jobsite.
- ❑ Check building permit number with job card.
- ❑ Check that all previous inspections that were required are signed off.
- ❑ Check that sheathing is the correct grade, size and the nail size and pattern matches approved plans.
- ❑ All “shiners” shall be removed and areas re-nailed.

##### 603 Dry-In

**Check for plans, permit, NOC and sub contractor affidavits. Product Approval on job site.**

- ❑ Roof slopes 2-12 up to 4-12 shall be a minimum of 2 layers starting at eave. 19” underlayment applied parallel with eave and fastened sufficiently to stay in place. R 905.2.7
- ❑ 2<sup>nd</sup> layer, starting at eave 36” wide underlayment felt overlapping successive sheets 19” and fastened sufficiently to stay in place. R 905.2.7
- ❑ Dry-in slopes 4-12 or greater per R 905.2.7
- ❑ One layer of underlayment felt starting at eave applied in single fashion parallel at eave with a 2” lap. Fastened sufficiently to stay in place. R 905.2.7 Unless otherwise noted, required underlayment shall conform with ASTM D 226 Type 1 or ASTM D 4869, Type 1.

##### 154 Flashing

- ❑ Drip edge – Drip edge shall be provided at eaves and gable ends of shingled roofs with a minimum of 2” overlap. Eave drip edge shall extend ¼” below sheathing and 2” minimum from back of roof. Fastened a minimum 12” O.C. R 905.2.8.6
- ❑ **Flashing** -Valley linings shall be installed in accordance with manufacturer’s installation instruction. R905.2.8.1
- ❑ Open valleys metal shall be a minimum of 16” wide of any corrosion resistant metal.
- ❑ **Open valleys** - may have 2 plies of mineral surface roll roofing. Bottom layer shall be 18” wide with top layer 36 wide. R905.2.8.2 [1] & [2]
- ❑ **Closed valleys**
  - both Type 1 and 2 above combined. R905.2.8.2 [3]
  - Specialty underlayment 36” wide complying to ASTM D 1970.

##### 609 Roof Covering – refer to manufacturer installations instructions.

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#### **ROOF COVERINGS**

**Asphalt Shingle R 905.2**, Shingles shall comply with ASTM D 225 or D 3462. 6 nails per shingle per ASTM D 3161 (modified to 110 mph) or M-DC PA 107-95.

**Clay Tile and Concrete R 905.3, Mineral Surface R 905.5, Shingles and Shakes R 905.7 & R905.8, Built-up Roofs R 905.9 Metal Roof Panels R 905.10**

**Modified Bitumen R 905.11, Sprayed and Liquid Applied R 905.14 & R 905.15**  
**Florida Product Approval shall be on job site.**

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**403 - AIR CONDITIONING ROUGH INSPECTION**

- Check for plans, permit, NOC and sub contractor affidavits
- Entire suction line must be insulated. Florida Energy Code 13-411.1.ABCD.2 & 13-611.1.ABC.1. Check for proper wall thickness of insulation and line sizes.
- Condensate drains must be 3/4" minimum diameter and pitched to outdoors - m307.
- Chase pipe for refrigerant lines must be continuous and sealed at both ends.
- All flex ducts properly supported- every 5 ft with max of 1/2" sag per ft. With no restrictions, attached and sealed per Florida Energy Code 13-410 & 13-610.1.ABC.3. Check duct R-values.
- If A.H.U. is in attic - check for proper pathway, working platform, attic access, and emergency pan or float switches per F.B.C. Mech. 306.3 & 307.2.3
- Dryer vent- smooth metal duct galvanized steel with no screws in joints. Ducts must be joined in the direction of flow, sealed, supported, and vented to the outdoors. Ducts must not exceed 25 ft in length. 90 deg. elbows equal 5 linear ft and 45 deg elbows equals 2.5 linear ft. (Mech-504)
- Proper ventilation for bathrooms sealed and vented to the outdoors (Mech 403)
- Kitchen exhaust, if installed, must be single wall duct galvanized steel and vented to outdoors (Mech 505 – 508)
- Proper make-up air and venting for fireplaces and all gas appliances (Mech CH 7 – 8)
- Check for balance return air in all room (Mech 601.4)
- Return air plenum must be constructed entirely of approved materials (Mech 602)
- A/c support stands in garage must have a 5/8" plywood lid or two layers of 1/2" plywood.
- Distribution boxes and ducts shall be supported above bottom cord to allow for insulation (Mech 13-404 & 604)
- Supply and return registers must be 3 ft. Min. from smoke detectors (N.F.P.A. 72)
- Provide 4" clearance around A.H.U. to allow for proper sealing and inspection (Mech 603.1.3)

**499 - AIR CONDITIONING FINAL**

- Check permit, approved plans and specifications
- All grilles in place.
- Supply and return registers must be 3 ft. Min. from smoke detectors (N.F.P.A. 72)
- Check for return air balance in bedrooms and other required living spaces. (Mech 601.4)
- Drain discharge 12" from house (F.B.C. 1503.4.4)
- Refrigerant line pipe chase sealed

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- Heater is marked on A.H.U. label
- Air handler and condensing unit is fused properly.
- Air handler and duct is sealed with 4" clearance around air handler and duct (Mech 603.1.3)
- A.H.U in attic is installed properly. Hung from top cord of trusses with secondary drain pan properly sized and pitched or a float switch.
- Match energy calculations to verify required equipment seer and heat pump H.S.P.F.
- All bath exhaust fans ducted to the outdoors (Mech 501.3)
- Condensing unit secured to pad per F.B.C. Mech 301.13.1

### **301 - PLUMBING ROUGH**

- Check for plans, permit, NOC and sub contractor affidavits
- Check for sanitary facilities (F.B.C. 3311.2 & Plbg-311)
- Check approved plans, specifications, and proper fixture location (F.B.C. 405)
- Proper size, grade, glue, and primer on drain system
- Pipes under or through footings must be sleeved (Plbg 305.4 & 305.5)
- System vented properly (Plbg CH-9)
- Pipe meets minimal standards. (Plbg CH-6 & 702)
- Water test or air test on drain system (Plbg 312)
- Proper fittings for application (Drain 702, Water 605)
- Cleanouts are placed per code (Plbg 708)
- Drainage pipe is sized per code (Plbg 709)
- Fixtures trapped properly with distance from point of vent (Plbg 906)
- Water pipe size -1" service and distribution system for over 18 fixture units (Plbg 603.1)
- Water pipe sleeved, protected, and isolated from drainpipes. (Plbg 305.1)
- CPVC is glued with proper glue and tested (Plbg 605)
- Floor drains are deep trap or have trap primers (Plbg 1002)
- No cellulose tub boxes, shower boxes or water closet wrap (Bldg 1816)

### **311 - PLUMBING TOP OUT**

- Check for plans, permit, NOC and sub contractor affidavits
- Vertical vents through roof per code (Plbg 904)
- Horizontal vents pitching properly with fittings in proper direction (Plbg CH-9)
- Horizontal drain arms within code distance from traps to vent and pitching properly and sized per code (Plbg 906.1)
- Tubs are leveled and supported, check support for decked tubs (Plbg 405)
- Check test on drain system, whirlpool tubs, and all fixtures on upper floors (Plbg 312)

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- Water heater drain pan if required (Plbg 504)
- Closet flanges secured to floor (Plbg 405.4)
- All piping strapped and secured properly (Plbg 308)
- Proper size water piping for each fixture (Plbg 604)
- Water lines tested, sized properly, and located on correct side of fixture. (Plbg 603, 607)
- Shower pans secured and tested properly (Plbg 417)
- Air hammer arresters in washer box, if installed in walls note on inspection report (Plbg 604)
- Isolate all metal water piping from other metals (Plbg 605.22)
- Check for stud guards where required and sized for location. (Plbg 305.8)
- Check for proper fixture clearance (Plbg 405)
- Concrete seal in tub boxes; Seal top of sleeves. (Plbg 305.4) (Bldg 1816)
- Seal top of stakes used to support pipe with tar or silicone (Bldg 1816.1)
- Check all over head drainage for venting and sizing (Plbg CH 9)

### **399 - PLUMBING FINAL**

- Check permit, approved plans and specifications
- Sewer and building cleanouts to grade (Plbg 708)
- Anti- siphon devices on hose bibs (Plbg 608.15.4.2)
- Full flow valve at house main (Plbg 612.1)
- If on a well system proper size pump and tank per number of bathrooms (Plbg 612.1)
- Water service is 1" if over 18 fixture units in the house (Plbg 603.1)
- All fixtures set correctly – straight and level with water closets sealed at bowl to floor and sinks fastened and sealed (Plbg 405)
- Full flow valve on water heater with relief line piped with pitch to within 6" of floor or grade and thermal expansion tank (Plbg CH 5)
- Protection for water heater if in garage (Plbg 305.9)
- Gas water heater 18" above floor if in garage (Manufacturer)
- Traps installed properly (Plbg 1002)
- High under counter loop on dishwasher drain hose (Plbg 409.3)
- All fixtures individually valved with proper supply lines except tubs and showers (Plbg 606.1)
- Check for the water turned on to the fixtures with no leaks (Plbg 312)
- Vent lead flashing folded into pipe on roof (Plbg 904.3)
- Studer vents installed properly (Manufacturer)
- Air hammer arresters installed (Plbg 604)
- Protect potable water if connected to irrigation system (Plbg 608.16.5)

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#### **999 - BUILDING FINAL**

- Check for plans, permit, NOC and sub contractor affidavits. Product Approvals on jobsite.
- Check for house numbers
- Check for any outstanding inspections
- All form boards removed (Bldg. 2303.1.4 & 1907.2.1)
- Roof Covering system is completed. Check shingle fastening requirements. (Bldg 1507.2)
- Screen enclosure if under roof is installed properly per Aluminum Engineering.
- Exterior and interior is painted
- Check for final termite treatment sticker at water heater or electric panel (Bldg 104.2.7)
- Check for insulation against Energy Code
- Verify that attic stairs are installed per manufacture specs
- Check model and manufacturer along with wind load on garage door to plans
- Check garage door bucks, track brackets, horizontal bracing, center post, center styles, and safety tape if required per manufacturer specs.
- Check shutter anchor spacing, material requirements, and edge distance to shutter specs.
- Check shutter anchors for proper depth
- Check shutter span table on specs. to design pressures on plans
- Verify safety glass in hazardous locations (Bldg 2405)
- Check egress windows (Bldg 1005.4)
- Check energy code for windows and insulation specs
- All drywall is completed and sealed.

#### **299 - ELECTRICAL FINAL Part of Building 999 Final**

- Check for “in-use” covers on outside receptacles (Except under porches). N.E.C. 2002 -406.8
- Check for G.F.C.I. receptacle within 25ft of a/c unit. N.E.C. 2002 -210.63
- Check grounded, grounding, and ungrounded conductors in meter. N.E.C. 2002 – 310,250,230
- Check height of weather head and service lateral if any over roof area. N.E.C. 2002 –230.24
- Check a/c unit overcurrent protection, min. circuit ampacity, and wire size. N.E.C. 2002 -424
- Check for lights at exits. N.E.C. 2002 -210.70(a)(2)
- Check for any conductors not terminated properly N.E.C. 2002 -300.15
- Check for grounding conductor to main disconnect N.E.C. 2002 -250

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- ❑ Check for separation of grounded and grounding conductors in sub panel if meter main is used N.E.C. 2002 250.24(5)
- ❑ Check size of service entrance conductors and feeder conductors in panel N.E.C. 2002 -310
- ❑ Check depth of panel cabinet in wall N.E.C. 2002 –312.3(a) & 312.3
- ❑ Check panel labeling N.E.C. 2002 –230.70(b) & 110.22
- ❑ Check for correct size of overcurrent protection for all circuits N.E.C. 2002 -240
- ❑ Check for double pole (independent) breaker for dishwasher and garbage disposer if wired to same receptacle N.E.C. 2002 –210.4(b)
- ❑ Check length of garbage disposer pig tail – no shorter than 18” or longer than 36” N.E.C. 422.16(B)(1)
- ❑ Check G.F.C.I. receptacles in bathrooms, kitchen, and outside N.E.C. 2002 – 210.8
- ❑ Check receptacle and light in attic if air handler is in attic N.E.C. 2002 210.63 & Mech 306.3.1
- ❑ Check for light in attic for storage N.E.C. 2002 –210.70(a)(3)
- ❑ Check support of raceways, cable assemblies, boxes, cabinets and fittings N.E.C. 2002 -300.11
- ❑ Check for 30 amp receptacle for dryer N.E.C. 2002 –250.138, 250.140, 250.134
- ❑ Check for 50 amp receptacle for oven / range N.E.C. 2002 –250.138, 250.140, 250.134
- ❑ Check receptacle spacing in kitchen, bathrooms, and rest of house N.E.C. 2002 - 210.52
- ❑ Spot check receptacles for box extensions if required N.E.C. 2002 314.20,21,22
- ❑ Check A.F.C.I. in bedroom circuits, all receptacles, lights, and smoke detectors N.E.C. 2002 –210.12
- ❑ Check smoke detectors for separation from a/c supply, a/c returns, bathrooms, walls and ceilings N.F.P.A. 72
- ❑ Check closet lights for proper clearance from storage walls N.E.C. 2002 –410.8
- ❑ Check all outlets for fixtures or “safed-off” N.E.C. 2002 110.12(a), 110.18, 314, 314.28(c)

### **RESIDENTIAL ELECTRICAL FINAL**

- ❑ Check for corrections from previous inspections
- ❑ Check positioning of boxes intended to be flush with combustible and noncombustible finished surfaces 314.20
- ❑ Check for proper positioning of receptacles and faceplates on walls. 406.4
- ❑ Check for gaps around outlet boxes in walls. 314.21
- ❑ Verify that conductor terminations and splicing methods are compatible with conductor materials. 110.14

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- ❑ Verify that receptacles are bonded to metal boxes and that receptacles, switches, and metal faceplates are grounded. 250.146, 250.148, 404.9, 406.5(b)
- ❑ Check polarity of devices and luminaires 200.11, 410.23, 406.9
- ❑ Check for splicing devices on all equipment grounding conductors within boxes and for bonding connections to metal boxes. 250.8, 250.86, 250.148
- ❑ Verify that device ratings are compatible with circuit and equipment ratings. 210.21, 210.24
- ❑ Check for proper use of connectors and fittings and for protection of cables. 300.15
- ❑ Check for bushings or equivalent protection for cables entering boxes and other enclosures. 300.4(f), 314.42
- ❑ Verify that unused openings in boxes and other enclosures are closed. 110.12, 314.17(a), 312.5(a)
- ❑ Verify that appliances, motors, and other equipment are grounded. 250.110, 250.112
- ❑ Check buried raceways and cables for proper burial depth. 300.5
- ❑ Check installation of listed equipment for compliance with manufacturer's instructions. 300.21
- ❑ Verify that fire rating of assemblies has been restored at electrical penetrations. 300.21
- ❑ Check for disconnection means on both permanently connected and cord and plug connected appliances article 422, part 3
- ❑ Verify that circuits for mechanical equipment have correct conductor size and overcurrent protection articles 422, 424, 430, and 440

### **KITCHEN**

- ❑ Check spacing of receptacles for walls and countertops, including islands and peninsulas. 210.52(a) and (c)
- ❑ Verify that a minimum of two 20-amp small appliance branch circuits is used for kitchen receptacles. 210.52(b)
- ❑ Verify that small appliance circuits are used only for receptacles in kitchen, dining room, pantry, and so on. 210.52(b)(2)
- ❑ Verify that countertop receptacles are provided with gfcı protection. 210.8(a)(6)
- ❑ Verify that a small appliance branch circuit or an individual branch circuit supplies refrigeration equipment. 210.52(b)(1), exc. #2
- ❑ Verify that a wall switched lighting outlet is provided and wired on a general lighting circuit. 210.70(a), 210.52(b)(2)

**This list is generally complete. There are other aspects of the code which may apply to your building project and will require additional inspections. You are responsible for knowing what applies and what you need and scheduling those inspections.**

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- ❑ Verify that properly sized circuits are provided for specific kitchen appliances, such as dishwashers, disposals, ranges, cook tops, trash compactors, etc. 210.23, 422.10
- ❑ Check for proper type, length, and use of flexible cords for appliance connections. 422.16

#### **DINING ROOM**

- ❑ Check receptacle outlets for proper spacing 212.52(a)
- ❑ Verify that all required receptacle outlets are supplied by small appliance branch circuits 210.52(b)
- ❑ Check for a wall switch controlled lighting outlet on a general lighting circuit 210.70(a), 210.52(b)(2)

#### **BATHROOMS**

- ❑ Verify that receptacle outlets are installed adjacent to and within 36" of each basin 210.52(d)
- ❑ Verify that receptacles are supplied by dedicated 20 amp branch circuits 210.11©(3)
- ❑ Verify that bathroom receptacles are gfcı protected 210.8
- ❑ Check for a wall switch controlled lighting outlet on a general lighting circuit 210.70
- ❑

#### **OTHER HABITABLE ROOMS**

- ❑ Check receptacle outlets for proper spacing 210.52(a)
- ❑ Check for wall switch controlled lighting outlets including switched receptacles 210.70
- ❑ Check for A.F.C.I. circuit protection on bedroom circuits including smoke detectors 210.12

#### **HALLWAYS**

- ❑ Check for at least one wall switch controlled or automatic, remote, or centrally controlled lighting outlet. 210.70(a)(2)
- ❑ Verify that hallways that are continuous for 10ft or more have at least one receptacle outlet. 210.52(h)

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**STAIRWAYS**

- ❑ Check for at least one wall switched controlled or automatic, remote, or centrally controlled lighting outlet 210.70(a)(2)
- ❑ Verify that wall switches are provided at each floor level where there are six or more steps. 210.70(a)(2)

**CLOSETS**

- ❑ Check clearances between luminaires and storage spaces if luminaires are installed. 410.8

**LAUNDRY AREA**

- ❑ Verify that at least one receptacle outlet is installed for the laundry. 210.52(f)
- ❑ Verify that a dedicated 20-amp circuit supplies the laundry outlets and no other outlets. 210.11 (2)
- ❑ Check for a laundry receptacle outlet within 6ft. Or the intended appliance location. 210.50
- ❑ Check for proper receptacle ratings based on branch circuit ratings, including receptacles for electric dryers. 210.21, 210.24
- ❑ Verify that lighting outlets for the area are supplied from general lighting circuits. 210.11(2)

**BASEMENTS AND ATTICS**

- ❑ Verify that at least one receptacle outlet is provided for mechanical equipment. 210.63
- ❑ Verify that individual branch circuits are supplied for central heating equipment. 422.12
- ❑ Verify that a switch controlled lighting outlet or lighting outlet containing a switch is provided at the entrance to equipment requiring servicing. 210.70(a)(3)
- ❑ Check accessible attics, attic entrances, and scuttle holes for clearances from or protection of cable assemblies. 320.23, 330.23, 334.23

**GARAGES (ATTACHED OR WITH ELECTRIC POWER)**

- ❑ Verify that at least one receptacle outlet is provided. 210.52(g)
- ❑ Verify that gfci protection is provided for all readily accessible receptacles, other than those for appliances in dedicated spaces. 210.8
- ❑ Verify that a wall switch controlled lighting outlet is provided. 210.70(a)(2)

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**OUTDOORS**

- ❑ Check for at least two receptacle outlets, one each at front and back of dwelling. 210.52(e), 210.63
- ❑ Verify that outdoor receptacles are gfcı protected unless they are not readily accessible and are supplied by circuits for deicing or snow melting equipment. 210.70(a)(2)
- ❑ Check for wall switch controlled (or remote central or automatic controlled) exterior lighting outlets at outdoor entrances or exits with grade level access. 210.70(a)(2)
- ❑ Check for boxes at exterior luminaire locations. 300.15, 314.27

**SERVICE EQUIPMENT, FEEDERS, AND PANEL BOARDS**

- ❑ Review bonding and grounding if not completed during previous inspections. Article 250
- ❑ Check overcurrent devices for compatibility with conductors (terminals, ratings, and ampacities) 240.4, 110.14, 310.15
- ❑ Check for proper identification of all overcurrent devices and disconnects. 110.22, 230.70
- ❑ Check for open spaces in panel board fronts. 110.12
- ❑ Verify that doorbell and other class 2 wiring and transformers are located in appropriate places (not in service equipment or panel boards) 312.8, 725.54
- ❑ Verify that any back fed overcurrent devices are secured in place. 408.16(f)

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