

POLK COUNTY BUILDING DIVISION RESIDENTIAL INSPECTION CHECKLIST



REVISED 6/30/2015; EFFECTIVE 6/30/2015

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

CONTENTS

SECTION	INSPECTION TYPE	PAGE
	TABLE OF CONTENTS	1
1	INTRODUCTION	2
2	FOOTING / FOUNDATION / STEMWALL	3 - 4
3	PLUMBING ROUGH / UNDER SLAB	5 - 8
	PLUMBING ROUGH / ABOVE SLAB	9 - 11
	PLUMBING FINAL	12 - 13
4	SLAB / STEMWALL / MONOLITHIC	14 - 16
5	LINTEL / CMU CONSTRUCTION	17 - 18
6	ROOFING / RE-ROOF	19
7	ELECTRICAL IN-GROUND	20 - 21
	ELECTRICAL ROUGH	22 - 27
	ELECTRICAL FINAL	28 - 29
	TEMPORARY POLES	30 - 31
8	FRAMING	32 - 34
9	INSULATION	35
10	FINAL (GENERAL)	36 - 38
11	MECHANICAL ROUGH	39 - 42
	MECHANICAL FINAL	43 - 45
12	FUEL GAS ROUGH	46 - 47
	FUEL GAS FINAL	48
13	IRRIGATION	49 - 50
14	RESIDENTIAL POOLS	
	BONDING & GROUNDING	51
	SLAB & DECK	52 - 53
	POOL FINAL	54 - 55
15	MOBILE HOMES	56 - 57

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

INTRODUCTION

THE INFORMATION CONTAINED ON THE FOLLOWING PAGES IS BASED ON ADOPTED ORDINANCES AND CODES THAT ARE RECOGNIZED BY THE STATE OF FLORIDA AND ITS AGENCIES. THE NAMES OF THE ADOPTED CODES AND A PARTIAL LIST OF APPROVED REFERENCES ARE AS FOLLOWS:

1. POLK COUNTY LAND DEVELOPMENT CODE
2. NFIP/FEMA REGULATIONS
3. 2011 NATIONAL ELECTRIC CODE (NFPA 70)
4. FLORIDA BUILDING CODE – RESIDENTIAL, 5th EDITION (2014)
5. FLORIDA BUILDING CODE – EXISTING BUILDING, 5TH EDITION (2014)
6. **FLORIDA BUILDING CODE – BUILDING, 5TH EDITION (2014),
INSPECTIONS, SECTION 110, REQUIRED INSPECTIONS, SECTION [A]
110.3.**

ALL CODE REFERENCES WITH A LETTER IN FRONT OF THE NUMBERS ARE FROM THE FLORIDA BUILDING CODE RESIDENTIAL. ALL OTHERS ARE FROM THE CODE RESPECTIVE TO THE CHECKLIST UNLESS OTHERWISE NOTED.

PURPOSE

THE PURPOSE OF THIS CHECKLIST IS TO CREATE A STANDARD AND A GUIDE TO PROTECT THE PUBLIC SAFETY, HEALTH AND GENERAL WELFARE OF THE RESIDENTS OF UNINCORPORATED POLK COUNTY. THIS CHECKLIST WILL ASSIST IN ASSURING COMPLIANCE WITH MINIMUM STANDARDS FOR STRUCTURAL STRENGTH, STABILITY, SANITATION, AND SAFETY TO LIFE AND PROPERTY FROM FIRE, AND OTHER HAZARDS DUE TO THE CONSTRUCTION, ALTERATION, REPAIR, REMOVAL, USE AND OCCUPANCY OF BUILDINGS.

THIS CHECKLIST IS NOT ALL ENCOMPASSING FOR ADDITIONAL INFORMATION PLEASE CALL THE BUILDING DIVISION AT (863)534-6080 OR VISIT OUR WEBSITE AT WWW.POLK-COUNTY.NET. CLICK ON BUILDING CONSTRUCTION THEN CLICK ON BUILDING INSPECTIONS.

RED TAG MEANS STOP WORK, CORRECT VIOLATION AND CALL FOR RE-INSPECTION. IF CORRECTIONS ARE **APPROVED** YOU MAY PROCEED WITH THE PROJECT. A RED TAG WILL HAVE A FEE ASSOCIATED WITH IT.

YELLOW TAG MEANS THE INSPECTOR SEES SOMETHING WHICH NEEDS TO BE CORRECTED PRIOR TO PROCEEDING; NO FEE DUE; CALL FOR REINSPECTION

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

FOOTING / FOUNDATION / STEM-WALL

1. CHECK PERMIT – SITE PLAN - REVIEW PLANS – SET BACKS
2. EXCAVATIONS FOR ANY PURPOSE SHALL NOT EXTEND WITHIN ONE FOOT OF THE ANGLE OF REPOSE OR NATURAL SLOPE OF THE SOIL UNDER ANY FOOTING OR FOUNDATION. (R 403.1.7)
3. FOUNDATIONS SHALL BE BUILT ON UNDISTURBED SOIL OR PROPERLY COMPACTED FILL MATERIAL. (R 403.1)
4. THE BOTTOMS OF FOUNDATIONS SHALL EXTEND NO LESS THAN 12 INCHES BELOW SUB GRADE; UNDISTURBED SOIL OR DIRT, NOT FINISH GRADE. (R 403.1.4)
5. THE AREA UNDER FOOTINGS AND/OR SLABS ON GRADE SHALL HAVE ALL VEGETATION, STUMPS, ROOTS AND FOREIGN MATERIALS REMOVED PRIOR TO CONSTRUCTION. (R 408.5 & R 506.2)
6. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. (R318.6 & R506.2.1)
7. FOOTINGS SHALL BE SO DESIGNED THAT THE ALLOWABLE BEARING CAPACITY OF THE SOIL IS NOT EXCEEDED. COMPACTED SOILS SHALL BE TESTED TO A MINIMUM OF 95% COMPACTION OF MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557 AND TESTED IN LIFTS NOT TO EXCEED 12 INCHES (R 401.4 (ref 1803.5))
8. QUESTIONABLE SOILS – SHIFTING OR MOVING SOILS – EXPANSIVE SOILS – MAY REQUIRE LOAD TESTS TO DETERMINE SAFE BEARING CAPACITIES. (R 403.1.8) **SILT BARRIERS; WHEN REQUIRED, SHALL BE IN PLACE.**
9. NO WOOD, VEGETATION, STUMPS, DEAD ROOTS, CARDBOARD, TRASH, OR OTHER CELLULOSE CONTAINING MATERIAL SHALL BE BURIED ON THE BUILDING LOT WITHIN 1 FOOT OF THE BUILDING OR THE POSITION OF THE PROPOSED BUILDING (R318.6)
10. CHECK FOOTING SIZE FOR WIDTH AND DEPTH, PER PLAN. WILL PORTIONS OF THE FOOTING BE FOR TWO STORIES? (R 403.1.1 & T 403.1)
11. TOP OF FOOTING SHALL BE LEVEL OR STEPPED; BOTTOM CAN BE SLOPED UP TO MAXIMUM 10% (1:10). (R 403.1.5)
12. **CHECK FOR PROPER REBAR SIZE, PLACEMENT, OVERLAP, AND CONCRETE COVER AND APPROVED SUPPORT.** (PLANS AND R 404.1.2.3.7.5), TABLES AND FIGURES)

13. CHECK FOR PROPER CONCRETE COVER OF REBAR. (R 404.1.2.3.7.4)
14. FOOTER REBAR MUST BE BONDED (**NEC 2011**, 250-52(A)(3)

15. ARE FOOTER DOWELS PLACED ADJACENT TO FINAL LOCATION IN FOOTING?
SEE PLAN
16. ARE GRADE STAKES OR STRINGS SET FOR PROPER DEPTH? WOODEN GRADE STAKES ARE PROHIBITED (**R 318.6.3**)
17. ARE COLUMN PADS DUG? PORCH FOOTERS? FIREPLACE FOOTING? SEE PLAN
18. WILL ANY PART OF FOOTING REQUIRE FORMING? (R 404.1)
19. ARE THERE ANY PENETRATIONS (PLUMBING, ELECTRICAL, ETC.?) THAT WILL REQUIRE SLEEVING? (**P 2603.3, P2603.3.1, & P 2603.4**)
20. IF LAND ELEVATION CHANGES CREATE FOUNDATION EXCEEDING 3 FEET WITH UNBALANCED FILL, THE PLANS NEED TO BE SITE SPECIFIC (R 404.1)
21. TOILET FACILITIES REQUIRED AT THIS INSPECTION, BUT IF NOT THERE, LEAVE A COURTESY NOTE TO REMIND CONTRACTOR ONE WILL BE REQUIRED BY NEXT INSPECTION (P 2601.1)(FBC -B, SECTION P311)
22. **ALL VERTICAL DOWELS SHALL HAVE SAFETY CAPS INSTALLED IF NOT EXTENDED UP TO 7 FEET ABOVE THE SLAB. (FBC - B, 115.1)**
23. RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

13. HOSE CONNECTION SILCOCK- HOSE BIBB SHALL HAVE VACUUM BREAKER (P 2902.4.3)

WATER SERVICE

14. WATER SERVICE MUST BE SIZED PER (P2903.1 & TABLE P 2903.1).
A. MINIMUM 3/4" SERVICE FOR 1 TO 2 BATH, BASED ON FIXTURE UNITS
B. MINIMUM 1" SERVICE FOR 2 1/2 BATH, BASED ON FIXTURE UNITS
15. SERVICE CONTROL VALVE SHALL BE FULL OPEN-TYPE WITH VALVE NEAR ENTRANCE TO SERVICE TO STRUCTURE VALVE SHALL BE ACCESSIBLE (P 2903.9.1)
16. WATER SERVICE PIPE MUST BE MINIMUM OF 12" BELOW GRADE. (P2603.5)
17. PIPES PASSING THROUGH OR UNDER FOOTINGS OR FOUNDATION WALLS MUST HAVE A RELIEVING ARCH OR A SLEEVE. SUCH SLEEVE MUST BE 2 PIPE SIZES LARGER THAN THE PIPE. (P2603.4)
18. TRENCHING OR BACKFILL; BACKFILL FOR PIPING SHALL BE FREE OF ROCK, BLOCK AND DEBRIS (P2604.3)
19. WATER SERVICE PIPE & BUILDING SEWER MUST BE SEPARATED BY 5' HORIZONTALLY OR 1' ABOVE THE HIGHEST POINT IN THE SEWER LINE (P 2905.4.2)
A. ANGLE OF REPOSE FOR PIPE AND FOUNDATION (P 2604.4)
20. POTABLE WATER SUPPLY MUST BE PROTECTED PER SECTION (P2902), NO CROSS CONNECTION BETWEEN PRIVATE AND PUBLIC WATER SUPPLY (BACKFLOW PROTECTION, VACUUM BREAKERS)
21. PURPLE PRIMER REQUIRED ON PVC CONNECTIONS (P2905.9.1.3)
22. TEST WATER SUPPLY MINIMUM WORKING PRESSURE (P2503.7)

DRAIN & VENT

23. DRAIN AND VENT MUST BE TESTED TO A MINIMUM 10' HEAD FOR 15 MINUTES. (10' AT HIGHEST POINT) (P 2503.5.1)
24. GRAVITY SEWER TEST CONSISTS OF PLUGGING SEWER AT POINT OF CONNECTION WITH PUBLIC SEWER AND FILLING WITH WATER FROM THE LOWEST TO THE HIGHEST POINT. PRESSURE MUST BE MAINTAINED 15 MINUTES. (P 2503.4)
25. PIPE SUPPORT SHALL COMPLY WITH. (P2604 & P2605)
26. ANNULAR SPACES BETWEEN PIPES AND SLEEVES SHALL BE FILLED OR TIGHTLY CAULKED IN AN APPROVED MANNER. (P2606.1)
27. PIPE AND FITTINGS INSTALLED IN THE DIRECTION OF FLOW. (P 2607.1, TABLE P 3005.1 AND (P 3005 (FITTINGS))

28. DRAINAGE PIPING MUST SLOPE IN ACCORDANCE WITH (P3005.3, & TABLE P3005.4.2)
29. SANITARY CROSSES SHALL NOT BE USED FOR BACK-TO-BACK WATER CLOSETS, (UNLESS DEVELOPED LENGTH FROM OUTLET OF CLOSET TO CONNECTION TO TEE IS \geq THAN 18") AND FIXTURES OR APPLIANCES WITH PUMPING ACTION DISCHARGE P 3005.1.1
30. FITTINGS USED FOR CHANGES OF DIRECTION MUST BE INSTALLED PER TABLE P 3005.1
31. SANITARY TEES MAY ONLY BE USED TO CHANGE DIRECTION FROM HORIZONTAL TO VERTICAL ON DRAINAGE SYSTEMS. (TABLE P 3005.1)
32. SOLVENT-CEMENT JOINTS BETWEEN DIFFERENT TYPES OF PLASTIC PIPE ARE PROHIBITED. (P 3003.2, (5))
33. TRAP SIZES MUST BE PER TABLE P 3201.7.
34. CLEANOUTS MUST BE INSTALLED NOT MORE THAN 100' APART AND AT CHANGES IN DIRECTION. (P 3005.2.2 AND P 3005.2.4)
35. A CLEANOUT IS REQUIRED AT THE JUNCTION OF THE BUILDING DRAIN AND BUILDING SEWER. (P 3005.2.7)
36. THE VENT SYSTEM SERVING EACH BUILDING DRAIN SHALL HAVE AT LEAST ONE VENT PIPE THAT EXTENDS TO THE OUTDOORS AND IT SHALL BE SIZED IN ACCORDANCE WITH SECTION P 3113.1. VENT SIZE TO BE HALF THE SIZE OF THE BUILDING DRAIN. IN NO CASE SMALLER THAN 1.25". AIR ADMITTANCE ALLOWED STACK TYPE. (P3114)
37. SIDE INLET CLOSET BENDS SHALL BE AN ACCEPTABLE MEANS OF CONNECTION FOR BOTH DRAINAGE AND WET VENTING AND STACK VENTING ARRANGEMENTS (P 3005.1.2)
38. VENT FOR FUTURE FIXTURES SHALL BE INSTALLED A MINIMUM OF ONE HALF THE DIAMETER OF THE DRAIN. THE VENT SHALL BE IDENTIFIED-(P 3104.6)
39. DISTANCE OF TRAP TO VENT SHALL BE PER TABLE P 3105.1
40. WET VENTS SHALL BE INSTALLED PER TABLE P 3108.3
41. MINIMUM SIZE DRAIN LINE FOR WATER CLOSET IS 3". MINIMUM VENT SIZE FOR SYSTEM WITH WATER CLOSET IS 1-1/2". MINIMUM VENT SIZE FOR SYSTEM WITHOUT WATER CLOSET IS 1-1/4". (P3005.4.1 & TABLE P3005.4.1)
42. AIR ADMITTANCE VALVES TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF P 3114 AND THE MANUFACTURES' INSTRUCTIONS. (P 3114.7 ONE VENT TO OUTSIDE)
43. DRY VENT CONNECTING TO A HORIZONTAL DRAIN SHALL CONNECT ABOVE THE CENTERLINE OF THE HORIZONTAL DRAIN PIPE. EVERY DRY VENT SHALL RISE VERTICALLY TO A MIN. 6" ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE TO BE VENTED. (P 3104.3, P 3104.4 AND P 3104.5)

44. **IS PORT-A-JOHN ON-SITE? (P2601.1, FBC-B, SECTION 311)**
45. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.**
46. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD *OR* LEAVE CORRECTION NOTICE WITH ITEMS LISTED.**

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

2nd PLUMBING ROUGH / ABOVE SLAB

WATER DISTRIBUTION

1. CHECK PLANS – PERMIT
2. TOILET FACILITIES SHALL BE PROVIDED FOR CONSTRUCTION WORKERS
(**FBC – P, 311.1 & FBC – R, P2601.1**)
3. WATER DISTRIBUTION PIPING SHALL CONFORM TO NSF 61 & (**P2905.5**)
4. HOT WATER PIPING MUST HAVE 180 DEGREE RATING AT 100 PSI. (**P2905.5**)
5. WATER SUPPLY AND DISTRIBUTION MATERIALS, JOINTS AND CONNECTIONS SHALL CONFORM TO (**P2905**).
6. WATER SERVICE PIPE, WATER DISTRIBUTION PIPE SHALL BE IDENTIFIED FOR APPROVED USE CONFORMING TO NSF 61. (**FBC – P, SECTION 303.1 P2609.1**)
7. WATER SUPPLY SYSTEM MUST BE PRESSURIZED TO WORKING PRESSURE NO LESS THAN 40 PSI. PIPE OTHER THAN PLASTIC; 50 PSI TEST SHOULD BE A MINIMUM 15 MINUTES. (**P2503.7**)
8. PIPING SUPPORT AND HANGERS MUST BE INSTALLED PER SECTION (**P2605**). SEE (**TABLE P2605.1**) FOR PIPE SUPPORT.
9. PURPLE PRIMER REQUIRED FOR PVC CONNECTIONS (**P2905.9.1.3**)
10. IF PIPING OTHER THAN GALVANIZED OR CAST IRON IS USED WITHIN 1 ½” FROM EDGE OF FRAMING MEMBER MUST BE PROTECTED BY NAIL PLATES, SHEILD PLATES TO EXTEND 2” BELOW THE TOP AND 2” ABOVE THE BOTTOM PLATES. (P 2603.2.1)
11. WATER HAMMER ARRESTERS REQUIRED ON ALL PLUMBING WATER SYSTEMS. ONE SET PER HOUSE, TO BE INSTALLED AT 2ND ROUGH OR FINAL. (P 2903.5)

DRAIN & VENT

12. DRAIN AND VENT TO BE TESTED WITH **TEN** FOOT HEAD OF WATER AT FIRST ROUGH. UPSTAIRS TUB (S) TO BE FILLED TO OVERFLOW OR TO **10 FOOT** HEAD OF WATER FOR 15 MINUTES AT SECOND ROUGH. SHOWER PANS TO BE FILLED ALSO. (P2503.5.1) & (**P2503.6**)

13. BUILDING SEWER MUST BE TESTED WITH TEN FOOT HEAD OF WATER FOR 15 MINUTES (P2503.4)
14. FITTINGS MUST BE INSTALLED TO GUIDE SEWAGE AND WASTE IN THE DIRECTION OF FLOW (P3005.1)
15. CLEANOUTS *MUST BE INSTALLED NOT MORE THAN 100' APART AND SHALL BE INSTALLED PER SECTION (P3005.2.1 THROUGH P3005.2.11)*
16. THERE SHALL BE A CLEANOUT NEAR THE JUNCTION OF THE BUILDING DRAIN AND SEWER (P 3005.2.7)
17. WATER CLOSET ROUGH-IN MINIMUM OF 15" FROM SIDEWALL. **FIXTURES SPACE REQUIRED, (R307.1, FIGURE R307.1 AND P2705.1)**
18. MINIMUM VENT REQUIRED AT LEAST ONE HALF THE REQUIRED DIAMETER OF THE DRAIN SIZE AND IN NO CASE SMALLER THAN 1 ¼ (P 3113.1)
19. ALL OPEN VENT PIPES THAT EXTEND THROUGH A ROOF SHALL BE TERMINATED AT LEAST 6 INCHES ABOVE THE ROOF. WHERE A ROOF IS USED FOR OTHER THAN WEATHER PROTECTION, THE VENT EXTENSIONS SHALL BE RUN AT LEAST 7 FEET ABOVE THE ROOF (P 3103.1)
20. A VENT TERMINAL DIRECTLY BENEATH ANY DOOR, OPENABLE WINDOW OR AIR INTAKE OF THE BUILDING OR ADJACENT BUILDING MUST BE A MINIMUM OF 4' BELOW SAID OPENING; NOR SHALL ANY SUCH VENT TERMINAL BE WITHIN 10' HORIZONTALLY OF SUCH AN OPENING UNLESS 2' ABOVE THE TOP OF THE OPENING (P 3103.5)
21. VENT FOR FUTURE FIXTURES MUST BE INSTALLED AND CONNECTED TO THE VENT SYSTEM. THE CONNECTION MUST BE IDENTIFIED TO INDICATE THAT THE CONNECTION IS A VENT. (P 3104.6)
22. DISTANCE OF TRAP TO VENT MUST BE PER TABLE P3105.1 RESIDENTIAL
23. WET VENT SIZING MUST BE PER TABLE P 3108.3
24. THE MINIMUM REQUIRED DIAMETER OF A VENT IS HALF THE DIAMETER OF THE DRAIN SERVED, IN NO CASE SHALL THE DIAMETER OF THE VENT BE SMALLER THAN 1 ¼ INCHES. (P 3113.1)
25. ALL VENT PIPING SHALL BE SLOPED AND CONNECTED AS TO DRAIN BACK TO THE DRAINAGE SYSTEM BY GRAVITY (P 3104.2)
26. FLOOR DRAINS REQUIRE DEEP SEAL TRAPS OR TRAP PRIMER (P 3201.2)
27. A DOOR OR PANEL OF SUFFICIENT SIZE TO PROVIDE ACCESS (MIN. 12"X 12") SHALL BE PROVIDED TO WHIRLPOOL TUB PUMP. (P 2720.1)
28. MINIMUM SHOWER COMPARTMENT DIMENSION IS 30". MINIMUM SHOWER SIZE IS 900 SQ. INCHES (P 2708.1 AND SEE EXCEPTIONS)
29. SITE BUILT SHOWER PANS SHALL BE LINED WITH LEAD, COPPER OR A PLASTIC LINER. (P 2709.2) EXCEPTION WHERE SHOWER DRAIN IS

DEPRESSED A MINIMUM 2" BELOW FINISHED FLOOR ON THE FIRST FLOOR LEVEL (P 2709.2)

- 30. IF PIPING OTHER THAN GALVANIZED OR CAST IRON IS USED WITHIN 1 1/2" FROM EDGE OF FRAMING MEMBER MUST BE PROTECTED BY NAIL PLATES, SHEILD PLATES TO EXTEND 2" BELOW THE TOP AND 2" ABOVE THE BOTTOM PLATES (P 2603.2.1)**

- 31. RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

PLUMBING FINAL

1. CHECK PLANS – PERMIT
2. ALL PREVIOUS INSPECTIONS MUST BE APPROVED
3. WATER HEATER REQUIRES FULL OPEN TYPE SHUT- OFF VALVE (P2903.9.2)
4. WATER HEATERS IN GARAGES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER’S INSTRUCTIONS WHICH SHALL BE AVAILABLE AT TIME OF INSPECTION. (P2801.6)
5. RELIEF PANS REQUIRED FOR WATER HEATERS IF INSTALLED IN HABITABLE SPACES (P2801.5), AND RELIEF PAN PIPING SHALL NOT BE PVC. (P2801.5.1)
6. RELIEF VALVE SHALL DISCHARGE TO A SAFE PLACE SUCH AS THE FLOOR, WATER HEATER PAN, OUTSIDE THE BUILDING OR AN INDIRECT WASTE. THE DISCHARGE SHALL BE INSTALLED IN A MANNER THAT DOES NOT CAUSE PERSONAL INJURY OR STRUCTURAL DAMAGE. (P2803.6.1.1)
7. A MEANS OF CONTROLLING INCREASED PRESSURE CAUSED BY THERMAL EXPANSION SHALL BE PROVIDED (P2903.4)
8. ACCESSIBLE FULL OPEN VALVE SHALL BE INSTALLED AT ENTRANCE OF WATER SUPPLY TO STRUCTURE (P2903.9.1)
9. HOSE BIBBS AND HOSE CONNECTIONS REQUIRE VACUUM BREAKER BACKFLOW PREVENTION (P2902.4.3)
10. POTABLE WATER SYSTEM MUST BE PROTECTED FROM BACKFLOW FROM IRRIGATION SYSTEM. (P2902.5.3)
11. EACH FIXTURE MUST HAVE SHUT-OFF VALVE EXCEPT FOR TUBS AND SHOWERS IN RESIDENTIAL CONSTRUCTION (P2903.9.3)
12. EACH FIXTURE SHALL BE TRAPPED (P3201.6)
13. DOMESTIC DISHWASHER DRAIN HOSE MUST BE SECURED TO UNDERSIDE OF SINK RIM OR COUNTERTOP (P2717.2 AND P2717.3)
14. ALL FLASHINGS FOR VENTS MUST BE INSTALLED (P3103.3)
15. ALL FIXTURES SHALL BE FASTENED PROPERLY. (P2705.1)
16. VERIFY SEWER TAP INSPECTION HAS BEEN APPROVED

17. **IRRIGATION/SPRINKLER SYSTEMS AND RISERS SHALL NOT BE WITHIN 1' OF BUILDING SIDEWALL. (R318.5)**
18. **WATER HAMMER ARRESTERS REQUIRED ON ALL WATER SYSTEMS. ONE SET PER HOUSE REQUIRED TO BE INSTALLED BY FINAL. (P2903.5)**
19. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD,OR LEAVE CORRECTION NOTICE IF NECESSARY**

THIS LIST IS NOT IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

SLAB - STEMWALL OR MONO

1. CHECK PERMIT – SITE PLAN – REVIEW PLANS – CHECK SETBACKS
2. CHECK FOR VEGETATION, ROOTS, ETC. IN THE FILL. (R318.6.2 & R506.2.1)
3. CHECK FOOTER DOWEL LENGTH AND PLACEMENT. WILL THEY HAVE PROPER OVERLAP AFTER SLAB IS POURED? (R404.1.2.3.7.5, TABLE R611.5.4, (1), FIGURE R611.5.4, (1) AND ACI 318)
4. FOR MONO SLABS; ARE DOWELS STUCK IN GROUND ADJACENT TO FINAL LOCATION? (SECTION R404 & SEE PLANS)
5. FOR MONO SLABS; ARE THE FOOTING AREAS THE CORRECT SIZE? DO THE PLANS SHOW A 45-DEGREE ANGLE ON THE INTERIOR SIDE OF FOOTING?
6. CHECK TO SEE IF ALL REQUIRED FOOTERS ARE IN PLACE AND PROPERLY SIZED. THE BOTTOM SHALL EXTEND NO LESS THAN 12 INCHES BELOW SUB GRADE; UNDISTURBED SOIL OR DIRT NOT FINISH GRADE (R 403.1.4)
7. SLAB ON FILL OR INFILL FOR STEMWALLS SHALL NOT EXCEED 24” UNLESS APPROVED AND MUST BE COMPACTED (R 506.2.1)
8. ARE ANY FOOTERS FOR SUPPORT OF TWO STORIES? (R 403.1 & T 403.1)
9. ARE THERE ANY FOOTINGS, INTERIOR OR EXTERIOR, ON FILL? IS THE FILL COMPACTED? INTERIOR FOOTERS ON FILL WILL REQUIRE COMPACTION AND EXTERIOR FOOTINGS ON FILL WILL REQUIRE COMPACTION TEST (R 403.1.4)
10. CHECK FOR PROOF OF CHEMICAL PRE-TREAT. RETURN DUPLICATE COPY OF PRE-TREAT CERTIFICATE TO OFFICE. BAIT SYSTEMS AND WOOD TREATMENT SYSTEMS (R 320.1)
11. CHECK VAPOR BARRIER FOR 6 MIL THICKNESS AND THE JOINTS BEING LAPPED 6” AND SEALED. (R 506.2.3)

EXCEPTIONS: VAPOR BARRIER MAY BE OMITTED:

1. FROM DETACHED STRUCTURES ACCESSORY TO 1 & 2 FAMILY DWELLINGS SUCH AS GARAGES, UTILITY BUILDINGS, OR OTHER UNHEATED FACILITIES.
2. FROM DRIVEWAYS, WALKS, PATIOS, AND OTHER FLAT WORK NOT LIKELY TO BE ENCLOSED AND HEATED AT A LATER DATE.

3. FROM BUILDINGS OF OTHER USES WHEN MIGRATION OF MOISTURE THROUGH THE SLAB FROM BELOW WILL NOT BE DETRIMENTAL TO THE INTENDED USE OF THE BUILDING WHERE APPROVED BY THE BUILDING OFFICIAL, BASED ON LOCAL SITE CONDITIONS
12. DO PLANS CALL FOR WIRE MESH OR FIBERMESH? PLANS MUST STATE WHICH IS REQUIRED. IF FIBERMESH IS TO BE USED, STICKER MUST BE ON PERMIT CARD.
13. ARE PLUMBING PENETRATIONS PROPERLY PROTECTED? ANY PIPES THAT PASS THROUGH A FOOTING MUST BE SLEEVED TWO PIPE SIZES LARGER THAN THE PIPE ITSELF. FBC – PLUMBING (P2603, P2603.3.1, AND P2603.4) CELLULOSE CONTAINING MATERIALS PROHIBITED FOR SLEEVING. (R318.2)
14. CHECK FOR PROPER TRAPBOXES (PLASTIC OR METAL PERMANENTLY PLACED FORMS) ETC. (R318.6.3)
15. CHECK FOR MINIMUM 3 ½” SLAB THICKNESS. IF DESIGNED BY AN ENGINEER SLAB THICKNESS SHALL BE ACCORDING TO ENGINEER’S DRAWING (R 506.1)
16. STEMWALL: ARE CELLS THAT HAVE REBAR IN THEM CLEAN AND FREE OF DIRT? (R609.1.5, R609.1.3 & 609.1.5); CLEANOUTS IN REINFORCED MASONRY, OR SHEARWALLS SHALL BE PROVIDED AT THE BOTTOM COURSE OF EACH POUR EXCEEDING 5 FEET.
17. HAVE ALL THE COLUMN PADS AND PORCH FOOTERS BEEN INSPECTED? WILL A PORCH SLAB INSPECTION BE REQUIRED AT A LATER TIME? SEE PLANS. GIVE PARTIAL APPROVAL AND MARK PLANS IF NOT ALL INSPECTED AT THIS TIME.
18. A PORT-A-JOHN SHALL BE THERE BY THIS INSPECTION. FBC – PLUMBING (P2601.1, FBC – P, SECTION 311.1)
19. RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.
20. MASONRY UNITS SHALL BE PLACED, SET IN MORTAR WITH HEAD AND BED JOINTS 3/8 INCH THICK, EXCEPT THAT THE BED JOINT OF THE STARTING COURSE PLACED OVER FOUNDATIONS SHALL NOT BE LESS THAN ¼ INCH AND NOT MORE THAN ¾ INCH. MASONRY UNITS SHALL NOT BE DISTURBED TO THE EXTENT THAT THE INITIAL BOND IS BROKEN AFTER INITIAL PLACEMENT SHALL BE REMOVED AND RELAID IN FRESH MORTAR. (R607.2, PLACING MORTAR AND MASONRY UNITS.)

NOTE:

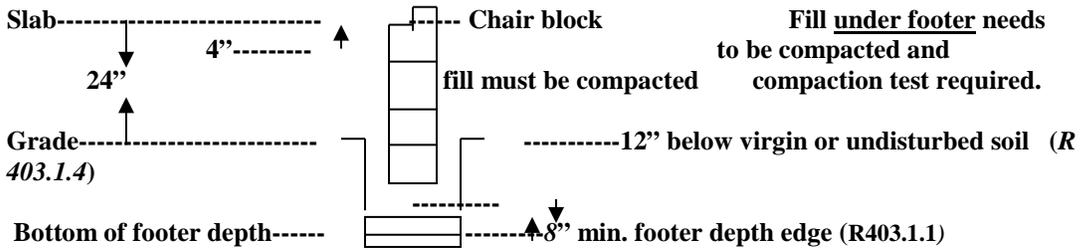
SLABS SHOULD BE ELEVATED 6” ABOVE THE FINISH GRADE TO PROTECT UNTREATED WOOD AND TO HELP PREVENT MOISTURE INTRUSION AND TO DIRECT THE WATER AWAY FROM THE FOUNDATION. (R318.7, R 401.3, & R403.1.7.3)

IF MARKED FPA THERE WILL NEED TO BE A FAXED FLOOD ELEVATION CERTIFICATE ON FILE BEFORE NEXT INSPECTION CAN BE SCHEDULED

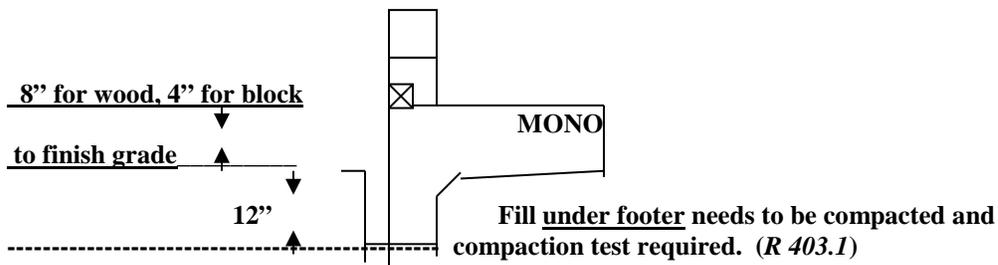
FLORIDA BUILDING CODE – RESIDENTIAL, 5TH EDITION (2014)

TABLE 404.1.1

SLAB ON FILL OR INFILL FOR STEM WALLS SHALL NOT EXCEED 24” UNLESS APPROVED AND MUST BE COMPACTED. (R506.2.1) (UNLESS APPROVED BY ENGINEER OF RECORD OR BY COMPACTION TEST.)



Slab would be 26" off of grade if footer is 8" deep, 3- 8" blocks, plus chair block = 26"



THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

LINTEL / CMU CONSTRUCTION

1. CHECK PERMIT – REVIEW PLANS- ELEVATION CERTIFICATE IF REQUIRED.
2. CHECK TO SEE IF ALL WALLS, COLUMNS, ETC. ARE IN PLACE AND ALL PREVIOUS INSPECTIONS HAVE BEEN APPROVED. (PLAN)
3. CHECK ALL DOWNCELLS WITH STEEL FOR 3 INCH MINIMUM OPENING DIMENSION CLEANOUT HOLE AT BOTTOM OF POUR. MINIMUM #5 REBAR TO BE USED. (R609.1.5)
4. IF POWERSTEEL LINTELS OR POWERSTEEL BOX LINTELS ARE USED, APPROVAL AND DESIGN MUST BE SHOWN ON PLANS.
5. CHECK FOR CORRECT BEARING AT EACH END OF PRECASTS (LINTELS). MINIMUM OF 4". (R 606.11)
6. CHECK FOR LOCATION, SIZE AND AMOUNT OF STEEL TO BE PLACED IN PRECASTS AND BOND BEAM. (PLAN)
7. CHECK FOR TYING AND LAPPING OF STEEL. (ACI 318), (R611.5.4.3, TABLE R611.5.4(1))
8. CHECK FOR CONTINUOUS STEEL PLACEMENT AT ALL CORNERS. (R609.2.4, FIGURE R609.2.4 OR PLAN)
9. CHECK FOR 3" OR LARGER PLUMBING VENTS PENETRATING THE BOND BEAM. HAS BLOCK BEEN REMOVED AND FORMS INSTALLED? (ACI 318)
10. ARE SLEEPING ROOM WINDOW SILLS 44" OR LESS OFF THE FLOOR AND ARE THE OPENINGS LARGE ENOUGH FOR EGRESS REQUIREMENTS? PLANS WILL SPECIFY SIZE OF EGRESS. (R 310.1)
11. ARE CONCRETE MASONRY UNITS PLACED PROPERLY AND MORTAR JOINTS WITHIN TOLERANCE? **MASONRY UNITS SHALL BE SET IN MORTAR WITH HEAD AND BED JOINTS 3/8 INCH THICK, EXCEPT THAT THE BED JOINT OF THE STARTING COURSE PLACED OVER FOUNDATIONS SHALL BE NOT LESS THAN ¼ INCH AND NOT MORE THAN ¾ INCH. MASONRY UNITS SHALL NOT BE DISTURBED TO THE EXTENT THAT THE INITIAL BOND IS BROKEN AFTER INITIAL PLACEMENT SHALL BE REMOVED AND RELAID IN FRESH MORTAR. (R607.2, PLACING MORTAR AND MASONRY UNITS.)**
12. CHECK FOR CONCENTRATED LOADS OVER LINTELS. THIS MAY NEED TO BE ADDRESSED BY THE ENGINEER. (PLAN)
13. CHECK FOR POURED DOWNCCELL UNDER GIRDERS OR PER PLANS
14. CHECK MASONRY CHIMNEYS FOR PROPER CONSTRUCTION. (R 1001.1)

15. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

ROOFING / RE-ROOF

SHEATHING AND DRY IN INSPECTION

1. SHEATHING NAIL-OFF INSPECTION REQUIRED FOR RE-ROOFS AND FOR NEW CONSTRUCTION. (SUB FASCIA MUST BE INSTALLED AT THIS INSPECTION FOR NEW CONSTRUCTION) **(R803.2.3.1)**
2. COLLAR TIES AT FRONT ENTRY, REAR AND SOFFIT AREAS WILL BE CHECKED AT THIS INSPECTION.
3. DOWNCELLS WILL BE CHECKED AT THIS INSPECTION
4. DETERMINE THICKNESS AND GRADE OF STRUCTURAL SHEATHING. CHECK FOR AGENCY APPROVAL STAMP **(R803.2.1)**
5. CHECK FOR PROPER NAILING AND FASTENING OF STRUCTURAL SHEATHING, GABLE AND OVERHANG BLOCKING, DIAPHRAMS AND BRACING. (R 803.2.3.1)

DRY-IN INSPECTION

6. UNDERLAYMENT SHALL COMPLY WITH SECTION (R 905.2.3)
 - A. SLOPES 2:12 UP TO 4:12 – 2 LAYERS STARTED AT EVE WITH 19” STRIP THEN 36” SUCCESSIVE STRIPS LAPPED 19” AND FASTENED SUFFICIENTLY TO STAY IN PLACE (R 905.2.7)
 - B. SLOPES 4:12 AND GREATER – ONE LAYER STARTED AT EVE WITH 36” SUCCESSIVE STRIPS LAPPED 2” AND FASTENED SUFFICIENTLY TO STAY IN PLACE (R 905.2.7,)

ROOF FINAL

7. FLASHINGS SHALL COMPLY WITH R 905.2.8
8. VALLEYS SHALL COMPLY WITH R 905.2.8.2
9. DRIP EDGE SHALL COMPLY WITH R 905.2.8.6, AND BE FASTENED A MAXIMUM OF 4” ON CENTER WITH A MINIMUM 3” OVERLAP
10. SHINGLES MUST COMPLY WITH ASTM D3161 MODIFIED TO 110MPH; MINIMUM OF 4 FASTENERS OR PER MANUFACTURER REQUIREMENTS IF GREATER (R 905.2.6;)
11. FASTENERS MUST COMPLY WITH **(R905.2.6.1)**,

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER NEC 2011 AND FLORIDA BUILDING CODES, 5TH EDITION (2014)** UNLESS OTHERWISE NOTED

**ELECTRICAL IN-GROUND
CONDUIT**

1. RIGID GALVANIZED AND I.M.C. CONDUIT MUST BE MINIMUM OF 6" IN GROUND. (TABLE 300.5)
2. PVC CONDUIT MUST BE MINIMUM OF 18" IN GROUND. (TABLE 300.5)
3. NO MORE THAN 360 DEGREES IN BENDS ALLOWED BETWEEN PULL BOXES. (ARTICLE 344.26)
4. ALL PVC CONDUIT AND FITTINGS MUST BE MINIMUM OF SCHEDULE 40 GRAY ELECTRICAL CONDUITS. (ARTICLE 352.10, (A) THROUGH (H))
5. PVC CONDUIT SUBJECT TO SEVERE DAMAGE MUST BE SCHEDULE 80 OR PROTECTED FROM DAMAGE. (ARTICLES 352.10, (F), FPN, & 352.12(C))
6. UNDERGROUND SERVICE ENTRANCE CONDUCTORS MUST HAVE A WARNING RIBBON PLACED IN TRENCH AT LEAST 12" ABOVE CONDUCTORS. (ARTICLE 300.5, (3))
7. *A BUSHING OR FITTING WITH AN INTEGRAL BUSHING IS REQUIRED AT THE END OF A CONDUIT THAT TERMINATES UNDERGROUND WHERE THE WIRES EMERGE.* (ARTICLE 300.5, (H))

WIRE

1. WIRE IS TYPE UF OR USE FOR DIRECT BURIAL CONDUCTORS. UF, (ARTICLE 340.10(1), USE, (ARTICLE 338.2))
2. WIRE TO BE INSTALLED AT LEAST 24" BELOW GRADE FOR DIRECT BURIAL WITHOUT CONDUIT. (TABLE 300.5)
EXCEPTION – DIRECT BURIAL CABLES FOR RESIDENTIAL BRANCH CIRCUITS 20 AMP – 120 VOLT PROTECTED BY GFCI MAY BE INSTALLED 12" BELOW GRADE. (TABLE 300.5)
3. WIRE MUST BE PROTECTED OUT OF GROUND. (ARTICLE 300.5, (D))

ENCLOSURES

1. MUST BE UL APPROVED FOR LOCATION. (ARTICLES 110.2 & 110.3)
2. ELECTRICAL PANELS AND BOXES *USED OUTDOORS* MUST BE WEATHERPROOF TYPE NEMA-3R APPROVED WITH APPROVED WEATHERPROOF COVER. (ARTICLES 110.2, 110-3 , 110.20 & 404.4)

3. **A TOTALLY ENCLOSED WEATHERPROOF OUTLET COVER WHICH REMAINS WEATHERPROOF WITH THE CORD ATTACHED MUST BE USED ON ALL 15-20 AMP/ 120-250 VOLT RECEPTICLES INSTALLED IN WET LOCATIONS. (ARTICLE 406.8(B))**
4. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, LEAVE REJECT IF NECESSARY OR COURTESY NOTE IF YOU NEED TO CONVEY A MESSAGE.**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER NEC 2011 AND FLORIDA BUILDING CODES, 5TH EDITION (2014)** UNLESS OTHERWISE NOTED

ELECTRICAL ROUGH

CONDUIT

PER ARTICLE 300 AND TABLE 300.5

WIRE

1. NEUTRALS AND GROUNDS MUST BE SEPARATED IN SUBPANELS (**ARTICLE 250.24(5)**)
2. EXPOSED ROMEX (**ARTICLES 300.4 & 334.15**)
3. MINIMUM WIRE SIZE IS #12 FOR KITCHEN, LAUNDRY AND BATHROOM CIRCUITS, #14 FOR OTHER BRANCH CIRCUIT WIRING. (**ARTICLES 210.19(A) (4) & 210.24**)
4. MINIMUM RANGE WIRE SIZE IS 8/3 WITH GROUND. (4 WIRE) MINIMUM RANGE CIRCUIT SIZE IS 40 AMPS. (**ARTICLE 210.19(3)**)
5. DOUBLE OVEN OR COOKTOP CIRCUIT AND WIRE SIZE SHALL BE PER MANUFACTURERS SPECIFICATIONS. MINIMUM 10/3 – 30 AMP (4 WIRE) (**ARTICLE 210.19(A)(3)**)
6. WATER HEATER MINIMUM WIRE SIZE IS 10/2 WITH GROUND FOR 4KW AND GREATER. (**ARTICLE 422.13**)
7. MINIMUM DRYER WIRE SIZE IS 10/3 WITH GROUND. (4 WIRE) (**ARTICLES 210.23(B) & 250.140**)
8. WIRE AMPACITY TABLES **310.16**.
9. AIR HANDLERS MUST BE MARKED WITH HEATER KW. (FBC-MECH 301.6)
5 KW – 10/2 WITH GROUND
7.5 KW – 8/2 WITH GROUND
10 KW – 6/2 WITH GROUND
10. ALL GROUNDING CONNECTIONS MUST BE MADE UP WITH APPROVED SPLICE CAPS OR WIRE NUTS AND HAVE PIGTAIL FOR CONNECTION TO THE DEVICE. (**ARTICLE 110.14**)
11. ALL SWITCHES AND RECEPTACLES MUST BE GROUNDED. (**ARTICLES 404.9(B) & 406.3(A)**)
12. ALL WHITE WIRE USED AS A HOT CONDUCTOR MUST BE MARKED WITH TAPE OTHER THAN WHITE OR GREEN. (SWITCH LOOPS, TRAVELERS, OR 240 VOLT CIRCUIT ETC.) (**ARTICLE 200.7(C)**)

13. NEUTRALS MUST BE MARKED WITH WHITE AND GROUNDING CONDUCTORS MUST BE MARKED WITH GREEN IF # 6 OR LARGER. (ARTICLES 200.6(A) & 250.119)

CIRCUITS / OUTLETS

1. #12/2 WITH GROUND WIRE (20 AMP CIRCUIT) MUST BE USED FOR THE 2 OR MORE KITCHEN SMALL APPLIANCE CIRCUITS. THESE CIRCUITS SHALL EXTEND FROM THE KITCHEN COUNTERTOP AND ISLAND AREA TO THE DINING, NOOK AND BREAKFAST AREA. (ARTICLE 210.52(B), (1)&(3))
2. A REFRIGERATOR MAY BE ON THE SMALL APPLIANCE CIRCUIT. IF A SEPARATE REFRIGERATOR CIRCUIT IS SUPPLIED IT MAY BE A 15 AMP. CIRCUIT WITH 14/2 W/GROUND WIRE. (ARTICLE 210.52, (B), (1), EXCEPTION (2))
3. COUNTERTOP AND ISLAND RECEPTACLES MUST BE GFCI PROTECTED. (ARTICLE 210.8, (A), (6))
4. RANGE HOOD IS NOT PERMITTED TO BE ON SMALL APPLIANCE CIRCUIT. (ARTICLE 210.52, (B), (2))
5. IGNITER FOR GAS RANGE IS PERMITTED TO BE ON SMALL APPLIANCE CIRCUIT. (ARTICLE 210.52, (B), (2), EXCEPTION (2))
6. AT LEAST ONE 20 AMP BRANCH CIRCUIT SHALL BE PROVIDED TO SUPPLY ALL BATHROOM RECEPTACLES. WHERE THE 20 AMP CIRCUIT SUPPLIES A SINGLE BATHROOM, LIGHTING AND OTHER EQUIPMENT WITHIN THE SAME BATHROOM MAY BE ON THE SAME CIRCUIT. (ARTICLE 210.11(C), (3))
7. ALL REQUIRED GARAGE AND EXTERIOR RECEPTACLES **INSTALLED** ON A 15 OR 20 AMP. CIRCUIT **SHALL** BE GFCI PROTECTED. (ARTICLE 210.8, (A), (2), (3), (8) W/EXCEPTION (8))
8. LAUNDRY CIRCUIT MUST BE A 20 AMP. CIRCUIT. (ARTICLE 210.11, (C), (2))
9. DISHWASHERS AND DISPOSALS MUST BE WIRED ON INDIVIDUAL CIRCUITS *IF ON 15 AMP CIRCUIT* (ARTICLE 210.23(A), TABLE 210.21, (B), (2))
10. AIR HANDLERS LOCATED IN ATTICS MUST HAVE A LIGHT AND RECEPTACLE AT OR NEAR THE UNIT FOR SERVICING THE UNIT (ARTICLES 210.63, 210.73, (A), (3) & FBC – M, SECTION 306.4.1)
11. A RECEPTACLE IS REQUIRED WITHIN 25' AND ON THE SAME LEVEL AS THE CONDENSOR (ARTICLE 210.63)
12. ATTIC SPACE USED FOR STORAGE MUST HAVE A SWITCHED LIGHT AT THE ATTIC ACCESS. (ARTICLE 210.70, (A), (3))
13. MULTI-WIRE BRANCH CIRCUITS MUST HAVE NEUTRAL CONNECTIONS INDEPENDENT OF THE DEVICE. THEY MUST BE WIRE NUTTED TOGETHER WITH A PIGTAIL TO THE DEVICE. (ARTICLES 210.4 & 300.13(B))

14. ALL 120 V, 15 -20 AMP BRANCH CIRCUITS IN BEDROOMS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, RECREATION ROOMS, LIBRARIES, DENS, PARLORS SUNROOMS, HALLWAYS, CLOSETS, AND SIMILAR ROOMS OR AREAS SHALL BE AFCI PROTECTED (ARTICLE 210.12, (A), (B))
15. SMOKE DETECTORS MUST BE WIRED TOGETHER WITH BATTERY BACK-UP AND LOCATED IN AND ADJACENT TO SLEEPING ROOMS. (NFPA 72), FBC-R, SECTIONS R314, SMOKE ALARMS, SECTION R315 CARBON MONOXIDE ALARMS.
16. SMOKE DETECTOR CIRCUITS SHALL NOT BE CONNECTED TO A GFCI BREAKER.
17. VOLTAGE DROP MUST BE CONSIDERED FOR WELL CIRCUITS. (ARTICLE 210.19(A), FPN (4))
18. RECEPTACLE SPACING MUST BE 12' BETWEEN OUTLETS AND MAXIMUM OF 6' FROM OPENING. A RECEPTACLE IS REQUIRED ON A 2-FOOT OR LONGER WALL SPACE (ARTICLE 210.52(2)) NOTE: A RECEPTACLE CONTROLLED BY A WALL SWITCH DOES NOT COUNT AS A REQUIRED OUTLET.
19. KITCHEN COUNTERTOPS MUST HAVE RECEPTACLES SPACED NOT MORE THAN 4' APART BEGINNING WITHIN 2 FEET OF THE EDGE OF THE COUNTERTOP. A COUNTERTOP 1-FOOT IN WIDTH REQUIRES A RECEPTACLE. RECEPTACLES MUST BE ABOVE BUT NOT MORE THAN 20" ABOVE COUNTERTOP (ARTICLE 210.52(C), (1 THROUGH 5))
20. ISLAND AND PENINSULAR CABINETS MUST HAVE A MINIMUM OF 1 RECEPTACLE. THESE RECEPTACLES MUST BE GFCI PROTECTED. (ARTICLE 210.52, (C), (2), (3))
21. BATHROOM COUNTERTOP RECEPTACLES MUST BE WITHIN 3 FEET OF THE OUTSIDE EDGE OF THE LAVATORY. (ARTICLE 210.52, (D))
22. WHIRLPOOL AND HYDROMASSAGE TUBS MUST BE ON A SEPARATE CIRCUIT AND PROTECTED BY A READILY ACCESSIBLE GFI INTERRUPTER. (ARTICLE 680.71)
23. THE NUMBER OF CIRCUITS SUPPLYING GENERAL LIGHTING AND CONVENIENCE OUTLETS SHALL BE COMPUTED BY THE LIVING AREA X 3 WATTS PER SQ. FOOT DIVIDED BY 120 VOLTS. EXAMPLE 1800 SQ. FOOT LIVING AREA X 3 = 5400. 5400 DIVIDED BY 120 = 45 AMPS. THUS 3 – 15 AMP. CIRCUITS EVENLY PROPORTIONED MAY SUPPLY ALL LIGHTING AND RECEPTACLES EXCEPT KITCHEN, DINING, NOOK, LAUNDRY, AND BATHROOM RECEPTACLES. (ARTICLE 220-10)

ENCLOSURES

1. ALL PANELS MUST BE APPROVED FOR LOCATION AND USE. (ARTICLES 110-3(B) & 110.28)
2. NO PANELS WITH OVERCURRENT DEVICES PERMITTED IN BATHROOMS, CLOTHES CLOSETS OR OVER STAIRWAYS. (240-24(D), (E) & (F))

3. WORKING CLEARANCE FOR ELECTRICAL PANELS MUST BE A MINIMUM OF 30" WIDE X 36" DEEP X 72" HIGH IN FRONT OF PANELS. NO OTHER EQUIPMENT MAY BE IN THIS SPACE. (ARTICLE 110.26 (A))
4. A CLEAR PATH MUST BE PROVIDED TO THE ELECTRICAL PANEL. (ARTICLE 110.26, (B), (C))
5. CONDUIT MUST BE BUSHED AND SEALED AT TOP END. (ARTICLE 312.5, (A))

BOXES / FITTINGS

1. BOXES MUST BE PROPERLY SUPPORTED. (ARTICLE 314.23, (A) THROUGH (H))
2. JUNCTION BOXES MUST BE ACCESSIBLE. (ARTICLE 314.29)
3. NAIL PLATES MUST BE INSTALLED TO PROTECT WIRES AS NECESSARY. (ARTICLE 300.4, (A) THROUGH (H))
4. BOX FILL COUNT FOR #14 WIRE IS 2.0 AND FOR #12 WIRE IS 2.25 PER CONDUCTOR WITH GROUNDING WIRES COLLECTIVELY COUNTING AS 1. THE DEVICE COUNTS AS 2. (ARTICLE 314.16 (A)&(B) & TABLE 314.16, (A), (B))
5. ALL METAL BOXES MUST BE GROUNDED WITH A GREEN SCREW OR GROUNDING CLIP AND BE IDENTIFIABLE. (ARTICLES 250.126 & 250.148(C))
6. ALL CEILING FAN BOXES MUST BE U.L. APPROVED FOR CEILING FANS. (ARTICLE 314.27, (D))
7. WIRES MUST BE SECURED WITHIN 12" OF BOX AND EVERY 4-1/2' THEREAFTER. (ARTICLE 334.30)
8. APPROVED STANDOFF BRACKETS MUST BE USED ON ROMEX WIRES ATTACHED TO FURRING STRIPS. (ARTICLE 300.4, (D))
9. GROUND CLAMPS USED OUTDOORS OR BURIED IN CONCRETE OR GROUND MUST BE DIRECT BURIAL TYPE (WITH BRASS SCREWS). (ARTICLES 110.3, (B) & 250.70)
10. ALL RECESSED CANS MUST BE THERMALLY PROTECTED. ONLY TYPE IC MAY BE IN DIRECT CONTACT WITH INSULATION. (ARTICLES 410.115, (C) & 410.116)

SWITCHES

1. MUST PROVIDE DISCONNECT AT A/C AIR HANDLER (ARTICLE 440.11)
2. MUST PROVIDE DISCONNECT WITHIN SIGHT OF A/C CONDENSING UNIT. (ARTICLES 440.11 & 440.14)
3. MUST PROVIDE DISCONNECT WITHIN SIGHT OF ALL MOTORS. (ARTICLE 430.102, (B))
4. WIRE MUST BE SIZED ACCORDING TO BREAKER SIZE. (ARTICLE 210.3)

SERVICES

1. **100AMP 3 WIRE. MINIMUM SERVICE ON ALL RESIDENTIAL INCLUDING MOBILE HOMES (ARTICLES 230.79(C) & 550.32, (C))**
2. **MUST HAVE MINIMUM SERVICE DROP CLEARANCE. (ARTICLE 230.24)**
3. **RISER MORE THAN 5' ABOVE ROOF MUST BE GUYED. (ARTICLES 230.24, 230.28 & TECO)**
4. **GALVANIZED CONDUIT MUST BE USED THRU ROOF. (ARTICLES 230.28 & 344.10))**
5. **MINIMUM OF 2 THRU WALL BOLTS TO SUPPORT RISER. (ARTICLES 230.28 & 344.30(A))**
6. **BONDING BUSHING MUST BE USED ON METAL NIPPLES AND CONDUITS IF THE LARGEST CONCENTRIC OR ECCENTRIC KNOCKOUT HAS NOT BEEN USED. (ARTICLES 250.90, 250.92, 250.94 & 250.96))**
7. **CONDUIT TERMINATION MUST PROTECT WIRES. (ARTICLES 300-4, (G) & 300.5(H))**
8. **PROTECTION FROM DAMAGE MUST BE PROVIDED WHEN PVC, SEALTIGHT, ENT, OR SEU CABLES ARE USED FOR SERVICE ENTRANCE CONDUCTORS. (ARTICLES 230.50 (A), (B) & 300.5(D))**
9. **FITTINGS *INSTALLED IN WET LOCATIONS SUCH AS* OUTSIDE PANELS AND METERS MUST BE WEATHERPROOF. (ARTICLE 314.15)**
10. **METER TO FIRST DISCONNECT MUST NOT BE MORE THAN 5' OF CONDUIT INSIDE BUILDING (ARTICLE 230.70, (A))**
11. **METER AND MAIN DISCONNECTS MUST BE GROUPED IN ONE LOCATION (EXCEPT FOR TOWNHOUSES). (ARTICLES 225.34, 230.71 & 230.72)**
12. **SERVICE PANEL MAY NOT BE LOCATED IN BATHROOMS OR OVER STAIRWAYS. (ARTICLES 230.70, (A), (2) & 240.24, (E), (F))**
13. **OUTBUILDINGS OR GARAGE FEED FROM THE HOUSE SERVICE MUST HAVE A GROUNDING ELECTRODE SYSTEM (SAME AS FOR HOUSE). THIS PANEL MAY HAVE NO MORE THAN 6 MAINS OR BREAKERS SERVING AS MAINS WITHOUT HAVING A SINGLE MAIN DISCONNECT. (ARTICLES 250.32, (A) & 225.33, (A))**
14. **ELECTRICAL SERVICE FEEDER SIZE (ARTICLE 310.15, (B), (5))**
 - 200 AMP - 2/0 COPPER OR 4/0 ALUMINUM
 - 150 AMP - #1 COPPER OR 2/0 ALUMINUM
 - 100 AMP - #4 COPPER OR #2 ALUMINUM**NEUTRAL MAY BE REDUCED BY 2 WIRE SIZES (310-15B6)**
SER CABLE MAY BE USED BETWEEN MAIN PANEL AND SUBPANEL IF PROTECTED FROM PHYSICAL DAMAGE AND PROPER FITTINGS ARE USED

15. **MINIMUM GROUNDING WIRE SIZE (ARTICLE 250.66)**
200 AMP - #4 COPPER
150 AMP OR LESS - #6 COPPER
16. **GROUNDING ELECTRODE SYSTEM MUST INCLUDE FOOTER STEEL AND BE BONDED TOGETHER WITH GROUND ROD AND METAL WATER PIPE (IF USED). IF FOOTER GROUND IS NOT AVAILABLE, 3 GROUND RODS MUST BE USED. (ARTICLE 250.52, (A), (B))**
17. **BONDING TERMINATION FOR COMMUNICATIONS, RADIO AND TV, NPBCS SHALL BE IN PROPER TERMINAL BLOCK AT SERVICE. (ARTICLES 800.100(B) & 250.94)**
18. **ANTI-OXIDE MUST BE USED ON ALL ALLUMINUM CONNECTIONS (MANUFACTURER RECOMMENDATIONS)**
19. **CONDUCTORS EXPOSED TO SUNLIGHT SHALL BE LISTED SUNLIGHT RESISTANT. (ARTICLE 310.10, (D))**
20. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, LEAVE REJECT IF NECESSARY OR COURTESY NOTE IF YOU NEED TO CONVEY A MESSAGE.**

THIS LIST IS ONLY A GUIDE AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **NEC 2011 AND FLORIDA BUILDING CODES, 5TH EDITION (2014)** UNLESS OTHERWISE NOTED

ELECTRICAL FINAL

GENERAL

1. ALL FIXTURES MUST BE *LISTED AND SUITABLE* FOR LOCATION USED. **(ARTICLES 410.6 & 410.10)**
2. INCANDESCENT CLOSET FIXTURES MUST BE GLOBE TYPE AND INSTALLED 12" HORIZONTALLY FROM THE EDGE OF SHELF. **(ARTICLE 410-16) (A), (B), (C).**
3. CONDUCTIVE PARTS MUST BE GROUNDED. **(ARTICLES 410.40, 410.42 & 410.44)**
4. MUST HAVE A SWITCHED LIGHT OR RECEPTACLE IN EACH HABITABLE ROOM. **(ARTICLE 210.70), (A), (1)**
5. MUST HAVE A SWITCHED LIGHT AT OUTDOOR ENTRANCE. **(ARTICLE 210-70 , (2), (B))**
6. BELL TRANSFORMERS MUST BE ACCESSIBLE (NOT INSTALLED INSIDE ELECTRICAL PANELS OR ATTICS) **(ARTICLE 450.13, (B))**
7. ALL 120 V, 15-20 AMP RECEPTICLES SHALL BE LISTED TAMPER RESISTANT. **(ARTICLE 406.12)**
8. ALL 120 V 15-20 AMP BRANCH CIRCUITS IN BEDROOMS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, RECREATION ROOMS, LIBRARIES, DENS, PARLORS, SUNROOMS, HALLWAYS, CLOSETS AND SIMILAR ROOMS OR AREAS SHALL BE AFCI PROTECTED. **(ARTICLE 210.12), (A), (B))**
9. A TOTALLY ENCLOSED WEATHERPROOF OUTLET COVER WHICH REMAINS WEATHERPROOF WITH THE CORD ATTACHED MUST BE USED ON ALL 15-20 AMP / 120-250 VOLT RECEPTICLES INSTALLED IN WET LOCATIONS. **(ARTICLE 406.9, (B))**
10. ALL 15-20 AMP / 120 250 VOLT NON LOCKING RECEPTICLES INSTALLED IN DAMP OR WET LOCATIONS MUST BE LISTED WEATHER RESISTANT TYPE. **(406.9), (A), (B)**
11. SMOKE DETECTORS (AND CARBON MONOXIDE DETECTORS WHEN REQUIRED) ARE IN PROPER LOCATIONS AND INSTALLED PER MANUFACTURES REQUIREMENTS

ENCLOSURES

1. PANEL MUST BE LABELED WITH ELECTRICIAN'S NAME AND ADDRESS. ALL CIRCUITS MUST BE IDENTIFIED *AND SPARE BREAKERS MUST BE MARKED ACCORDINGLY*. **(ARTICLES 110.22, (A) & 408.4, (A))**

2. **OPEN KNOCKOUTS MUST BE SEALED. (ARTICLES 312.5, (A) & 110.12(A))**
3. **ALL COVERS AND PLATES MUST BE INSTALLED. (ARTICLE 404.9)**
4. **ALL SWITCHES AND RECEPTACLES MUST BE GROUNDED. (ARTICLE 406.4, (A) THROUGH (F))**
5. **IF METAL CONDUIT IS USED TO PROTECT SERVICE ENTRANCE CONDUCTORS, A BONDING BUSHING MUST BE USED IF THE LARGEST CONCENTRIC OR ECCENTRIC KNOCKOUT HAS NOT BEEN PUNCHED OUT. (ARTICLE 250.92, (B))**
6. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **NEC 2011 AND FLORIDA BUILDING CODES, 5TH EDITION (2014)** UNLESS OTHERWISE NOTED

TEMPORARY POLES

CONDUIT

1. SERVICE ENTRANCE CONDUCTORS MUST BE INSTALLED IN PVC, RIGID GALVANIZED OR IMC CONDUIT. (230.43), (230.44), (230.50)
2. WEATHER TIGHT FITTINGS MUST BE USED ON METER, PANEL AND ALL WET LOCATIONS. (312.2), (314.15)
3. MINIMUM OF 2 SECURE STRAPS ON RISER. (300)
4. A BUSHING OR FITTING WITH AN INTEGRAL BUSHING IS REQUIRED AT END OF THE CONDUIT THAT TERMINATES UNDERGROUND TO PROTECT THE WIRES. (300.5), (H), (c)

WIRE

1. MUST HAVE FREE CONDUCTOR AT WEATHERHEAD. (230.54), (F), & POWER COMPANY
2. NEUTRAL MUST BE MARKED WITH WHITE IN METER CAN, PANEL AND AT WEATHERHEAD. (200.6)
3. CUTTING STRANDS AT TERMINATION IS PROHIBITED. (110.14)
4. TYPE USE CONDUCTORS MUST BE USED ON UNDERGROUND POLES FOR DIRECT BURIAL TO TRANSFORMER OR HANDHOLE. (110.3), (B), (310.10), (F)

ENCLOSURES

1. MUST BE U.L. APPROVED FOR USE AND LOCATION. (110.3), (B)
2. ALL OPENINGS MUST BE SEALED. (110.12), (A), (312.5), (A), (314.17), (A), (408.38)
3. MUST HAVE EXTERIOR WEATHERPROOF COVER AND INTERIOR DEADFRONT COVER. (312.2), (408.38)

GROUNDING

1. MINIMUM #8 COPPER TO GROUND ROD (UP TO 125 AMP). (250-66 (TABLE 250.66))
2. WIRE MUST BE CONTINUOUS TO GROUND ROD. (250.64(c))
3. APPROVED GROUND CLAMP MUST BE USED. (250-70)

4. **MINIMUM 8' X 1/2" COPPER COATED GROUND ROD OR 5/8" GALVANIZED GROUND ROD. (250-52(A)(5))**

CONNECTIONS

1. **ALL ALUMINUM WIRE CONNECTIONS. (110.3) (b)**
2. **MAXIMUM OF 1 WIRE UNDER EACH LUG IN PANEL OR METER. (110.14), (A);
UNLESS IDENTIFIED FOR MORE THAN ONE CONDUCTOR**

RECEPTACLES

1. **ALL RECEPTACLES MUST BE GFCI PROTECTED. (590.6 A & B)**
2. **A TOTALLY ENCLOSED WEATHERPROOF OUTLET COVER WHICH REMAINS WEATHERPROOF WITH THE CORD ATTACHED MUST BE USED ON ALL 15-20 AMP / 120-250 VOLTRECEPTICLES INSTALLED IN WET LOCATIONS (406.9), (B)**
3. **All 15-20 AMP / 120-250 VOLT NON-LOCKING RECEPTICLES INSTALLED IN DAMP OR WET LOCATIONS MUST BE LISTED WEATHER RESISTANT TYPE. (406.9), (A), (B)**
4. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED**
- 5.

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

FRAMING

1. CHECK PERMIT AND REVIEW PLANS FOR NOTES, DETAILS, NAILING AND STRAPPING SCHEDULES.
2. CHECK FOR IMPROPER CUTTING, BORING, OR NOTCHING. (R 502.1.11), (R 502.1.11.1), (R602.2.3), (R602.2.3.1), (R802.1.8), (R802.1.8.2)
3. CHECK TRUSS INSTALLATION FOR CONFORMANCE TO ENGINEERING PROVIDED INCLUDING VALLEY SET. CHECK FOR BRACING, CONDITION, ALTERATIONS, SUPPORT, SPACING. (TRUSS ENGINEERING)
4. CHECK ATTIC ACCESS FOR PROPER SIZE AND LOCATION(S) MINIMUM 22" X 30". (R 807.1)
5. ARE GIRDERS NAILED, BOLTED AND ATTACHED PER ENGINEERING? (R802.1.7.1), (R802.1.7.3)
6. ARE GABLE ENDS PER PLAN; PROPERLY BRACED, CONSTRUCTED AND NAILED PER SCHEDULE? ARE ALL STRAPS AND DIAPHRAGM BLOCKING INSTALLED? (R802.1.7.1), (R802.1.7.3)
7. DETERMINE THICKNESS AND GRADE OF STRUCTURAL SHEATHING. CHECK FOR AGENCY APPROVAL STAMP. FLOORS, (R503.2.1), WALL SHEATHING, (R703)
8. CHECK FOR FIRE RATED SHEATHING IF REQUIRED ON PLAN. (FIRE RATED, FIRE RETARDANT-TREATED LUMBER AND WOOD STRUCTURAL PANELS SHALL BE LABELED), (R803.2.1), (R803.2.1.2)
9. CHECK WOOD FRAMED CHIMNEYS FOR HEIGHT, FASTENINGS, FIRESTOPPING, CRICKETS > 30", AND BRACING. CHECK FOR FIREPLACE CLEARANCES FROM COMBUSTIBLES. (602.2.1), (R1001.12)
10. CHECK WOOD HEADERS FOR PROPER SUPPORT, SIZE, AND ANCHORAGE. (R301.1), (R301.1.1)
11. CHECK FOR UNTREATED WOOD ON CONCRETE OR MASONRY. (R317.1)
12. ARE THE INTERIOR AND EXTERIOR BEARING WALLS BUILT WITH A DOUBLE TOP PLATE? SPLICES REQUIRE 24" OVERLAP. (R301.1.3)
13. CHECK EXTERIOR BEARING WALLS FOR BOLTING, SHEARWALL LOCATION, STUD SPACING, PROPER DOOR AND WINDOW FRAMING. (R301.1.3)
NOTE!! METAL STUDS IN BEARING WALLS REQUIRE ENGINEERING.

14. CHECK FRAMING FOR BLOCKING AND MAXIMUM STUD LENGTH ACCORDING TO SIZE. CHECK FOR PROPER FIREBLOCKING AND DRAFTSTOPPING. (R301.1.3)
15. CHECK FOR CONTINUOUS LOAD PATH FASTENING FROM THE SILL PLATE THROUGH AND INCLUDING THE ROOF FRAMING. (PLAN), (R301.1), (R301.1.1), (R301.1.3)
16. CHECK FOR PROPER HURRICANE STRAPS, HANGERS, CLIPS, AND BOLTS AS SHOWN AND SPECIFIED ON PLAN. (R301.1)
17. CONVENTIONAL ROOF FRAMING SHALL MEET THE REQUIREMENTS FOR WOOD CONSTRUCTION. ENGINEERING REQUIRED (PLAN)
18. CHECK FOR PROPER ATTIC VENTILATION. (R 806.1)
19. CHECK THE ACCESSIBLE BATHROOM DOOR FOR PROPER ROUGH OPENING SIZE; *MINIMUM DOORWAY WIDTH 29 INCHES.* (R320.1.1)
20. EMERGENCY ESCAPE AND RESCUE OPENING - CHECK MINIMUM HEIGHT OPENING 24"; MINIMUM WIDTH 20". GROUND FLOOR OPENING 5.0 SQ. FT. MINIMUM; ALL OTHER FLOOR; MINIMUM OPENING 5.7 SQ. FT.; MAXIMUM SILL HEIGHT 44". (R310.1), (R310.1.1), (R310.1.2), (R310.1.3)
21. CHECK OPERABLE WINDOWS LOCATED MORE THAN 72" ABOVE FINISHED GRADE OR SURFACE BELOW. LOWEST PART OF CLEAR OPENING SHALL BE MINIMUM 24". ANY GLAZING BETWEEN FLOOR AND 24" SHALL BE FIXED OR OPENINGS THRU WHICH A 4" DIAMETER SPHERE CANNOT PASS. (R312.2)
22. DOORS AND WINDOWS INSTALLED, FASTENED PROPERLY WITH FULL WIDTH FURRING STRIPS WITH PROPER FASTENERS. (R612)
23. CHECK WINDOWS FOR CODE COMPLIANCE LABEL. (R612.3)
24. CHECK SKYLIGHTS FOR COMPLIANCE LABEL. (R308.6.9)
25. CHECK FOR GARAGE DOOR BUCK BOLTING OR FASTENING OF JAMBS AS SPECIFIED ON PLANS. (PLAN) (R612.4)
26. CHECK CRAWL SPACE FOR CLEARANCES ABOVE GRADE; GIRDERS TO BE 12", JOISTS TO BE 18". IF LESS, THEY SHALL BE NATURALLY DURABLE OR PRESERVATIVE TREATED. (R 317.1)
27. CHECK FOR PROPER VENTING OF CRAWL SPACES AND PROPER ACCESS NOT LESS THAN 18" X 24". (R408.1) THROUGH (R408.4)
28. IF FLOOR TRUSSES ARE USED, REVIEW ENGINEERING PROVIDED FOR BRACING, BORING, BLOCKING, LAPPING (MIN. 3"), NOTCHING AND SPACING. (502.1.10) THROUGH (R502.1.10.4)
29. CHECK FLOOR TRUSSES FOR PROPER FIREBLOCKING AND DRAFTSTOPPING IN COMBUSTIBLE CONSTRUCTION. (302.11), (302.11.1) THROUGH (R302.11.2), (302.12) THROUGH (R302.12.1), (R502.1.8), (R502.1.9)

30. CHECK MINIMUM BEARING OF *JOIST, BEAM OR GIRDER*; MASONRY IS 3"; WOOD IS 1-1/2". (R502.6), NOW RESERVED, NOTE: SECTION (R502.2), CONSTRUCTION IN ACCORDANCE WITH (R301.2.1), EXCEPTIONS (1) THROUGH (5).
31. CHECK OPENINGS IN FLOOR FRAMING FOR CORRECT *HEADER AND FRAMING PRACTICES*. PLEASE SEE PREVIOUS ITEM #30.
32. CHECK STAIR FRAMING FOR CODE COMPLIANCE. ENTIRE SECTION (R311)
33. CHECK BOLT SPACING OF LEDGERS (*RIBBON STRIPS*) AS SPECIFIED ON PLAN
34. RETURN PLANS TO ORIGINAL LOCATION; SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.

!!! NOTE!!!

CUTTING, NOTCHING AND BORING MUST MEET THESE GUIDELINES:
NEVER IN MIDDLE 1/3RD OF SPAN, NOTCHES CANNOT EXCEED 1/6TH THE DEPTH,
BORED HOLES CANNOT BE WITHIN 2" OF TOP OR BOTTOM OF JOIST NOR
LARGER THAN 1/3RD THE DEPTH.

EXTERIOR SURFACES MUST NOT BE COVERED WITH STUCCO, LATH, FELT,
SIDING, ETC. UNTIL A STRUCTURAL INSPECTION HAS BEEN APPROVED. ALL
CELL POURS, STRAPS, ANCHORS, AND FASTENERS MUST BE APPROVED PRIOR
TO THE APPLICATION OF THE FINISH SURFACES.

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

POLK COUNTY BUILDING DIVISION RESIDENTIAL INSPECTION CHECKLIST

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODE, 5TH EDITION (2014)**
RESIDENTIAL UNLESS OTHERWISE NOTED

INSULATION

GENERAL INFORMATION

1. **FLORIDA BUILDING CODE – ENERGY CONSERVATION, 5TH EDITION (2014).**
2. CHECK ENERGY CALC SHEET FOR R-VALUES OF WALLS AND CEILINGS
3. LOOK FOR GAPS AND MISSED AREAS AROUND DOORS AND WINDOWS. **(R402.4),
(TABLE R402.4.1.1)**
4. CHECK STUD WALL TOP AND BOTTOM PLATES FOR SEALED HOLES AND
CLOSED AT CEILING. **SEE #3.**
5. CHECK THAT HOLES IN OUTSIDE WALLS ARE SEALED FOR DRAFT STOP. **SEE
#3.**
6. CHECK FOR BAFFLES FOR BLOWN IN INSULATION. **(R402.2.3)**
7. MEASURE RULE OR TAPE FOR BLOWN IN INSULATION TO BE IN PLACE.
(R303.1.1.2)
8. RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, OR
LEAVE CORRECTION NOTICE WITH ITEMS LISTED

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

BUILDING FINAL

1. CHECK PERMIT - REVIEW PLANS - ENERGY FORM- APPROVAL OF CONSTRUCTION DOCUMENTS. **(R103), FLORIDA BUILDING CODE – ENERGY CONSERVATION, 5TH EDITION (2014)**
2. ALL PREVIOUS INSPECTIONS MUST BE APPROVED; REQUIRED INSPECTIONS. **(R101.2.1), CHAPTER 1, FLORIDA BUILDING CODE – BUILDING, 5TH EDITION (2014), SECTION 110, INSPECTIONS (A), (110.3)**
3. HOUSE NUMBERS MUST BE INSTALLED EITHER ON BUILDING OR AT ROAD **(LDC 830-G & R 321.1)**
4. NOTICE POSTED ON THE ELECTRIC PANEL INDICATING THAT AIR HANDLER IS IN ATTIC (IF APPLICABLE). **(R103), FLORIDA BUILDING CODE – ENERGY CONSERVATION, 5TH EDITION (2014), (R403.2.4)**
5. INSULATION CERTIFICATE MUST BE SIGNED AND POSTED.
6. CHECK SEER RATING ON AIR CONDITIONING UNIT (ENERGY CALCS)
7. UNTREATED WOOD NOT PERMITTED TO BE WITH-IN 8” OF GRADE. **(R317.1)**
8. GRADE MUST SLOPE AWAY FROM THE FOUNDATION **(R 401.3)**
9. NOTICE OF TERMITE PROTECTION REQUIRED TO BE POSTED NEAR WATER HEATER OR ELECTRIC PANEL. **FLORIDA BUILDING CODE – BUILDING, 5TH EDITION (2014), SECTION (105.11)**
10. BAIT SYSTEM TREATMENT MUST COMPLY WITH **R 320.1.7**
11. REGISTERED WOOD TREATMENT SUCH AS BORA-CARE MUST COMPLY WITH **1R 320.1.8**
12. IF SOIL TREATMENT IS USED, A CERTIFICATE OF COMPLIANCE FOR TERMITE PROTECTION CONTAINING THE FOLLOWING STATEMENT MUST BE PROVIDED TO BUILDING DEPARTMENT **(R 320.1)**

"The building has received a complete treatment for the prevention of Subterranean Termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services."

13. CONCRETE AND MASONRY FOUNDATION WALLS SHALL EXTEND ABOVE THE FINISHED GRADE A MINIMUM OF 4 INCHES WHERE MASONRY VENEER IS USED AND 6 INCHES ELSEWHERE **(R 404.1.6)**

14. INITIAL GRADING MUST BE COMPLETE, IRRIGATION INSTALLED, LANDSCAPING INSTALLED PRIOR TO FINAL TERMITE TREATMENT, ANY SOIL DISTURBED AFTER TREATMENT MUST BE RETREATED (1816.1.6) (R 320.1.6)
15. CONDENSATE LINES AND GUTTER DOWNSPOUTS SHALL DISCHARGE AT LEAST 1 FOOT AWAY FROM THE STRUCTURE SIDEWALLS. GUTTERS WITH DOWNSPOUTS ARE REQUIRED ON EAVES OF LESS THAN 6" PROJECTION. (R318)
16. STAIRS, LANDINGS, HANDRAILS, AND GUARDRAILS ETC. MUST COMPLY WITH **MINIMUM CODE REQUIREMENTS. (R311.7) THROUGH (R311.7.10.2)**
17. SMOKE DETECTORS PER PLANS (NFPA 72 & R 313.1)
18. CRAWL SPACE VENTS AND ACCESS PROPERLY SIZED AND SCREENED (R408.1, R408.2, R408.3)
19. CHECK FOR PROPER ATTIC VENTILATION)(R806.2, 806.3)
20. ACCESSIBLE BATHROOM DOOR INSTALLED (R 322.1.1)
21. EGRESS MUST COMPLY FOR SLEEPING ROOMS. ESCAPE AND RESCUE OPENINGS MAY OPEN INTO A SCREEN ENCLOSURE WHERE A SCREEN DOOR IS PROVIDED LEADING AWAY FROM THE RESIDENCE SILL HEIGHT MUST COMPLY WITH MAX 44" FOR 5.0 CLEAR OPENING WINDOW. IF GREATER MUST BE 5.7 CLEAR OPENING WINDOW.(R 311)
22. TEMPERED GLASS IN HAZARDOUS LOCATIONS (R 308.4)
23. SECTION **R302.5** OPENING PROTECTION. SEE SECTION FOR SPECIFIC DETAILS.
24. SECTION **R 302.6 & TABLE 302.6**. SEPARATION REQUIRED. HABITABLE SPACE ABOVE GARAGE REQUIRES SEPARATION OF NOT LESS THAN 5/8 TYPE X GYPSUM BOARD. SEE SECTION **& TABE** FOR SPECIFIC REQUIREMENTS.
25. **OPENING FROM A PRIVATE GARAGE DIRECTLY INTO A SLEEPING ROOM IS PROHIBITED. DOORS BETWEEN AND GARAGES AND RESIDENCES SHALL BE EQUIPPED W/SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCH IN THICKNESS, SOLID OR HONEY COMB-CORE STEEL DOORS NOT LESS THAN 1 3/8 INCH THICK, OR 20 – MINUTE FIRE-RATED DOORS, EQUIPPED WITH A SELF CLOSING DEVICE.**
26. SECTION R 309.4 DEFINITION OF CARPORT IS OPEN ON AT LEAST TWO SIDES OTHERWISE IT IS A GARAGE AND MUST COMPLY WITH GARAGE REQUIREMENTS
27. CHECK ALL TRADE FINALS FOR COMPLIANCE – ELECTRICAL, PLUMBING, MECHANICAL, IRRIGATION
28. NOTE IF DRIVEWAY IS REQUIRED AND APPROVED
29. GARAGE DOOR AND ATTACHMENTS MEET REQUIREMENTS (PLANS, SPEC. SHEET AND R613.4.1, 1609.6.5.1)

30. **RETURN PLANS ETC. TO ORIGINAL LOCATION, SIGN PERMIT CARD AND PLACE GREEN STICKER ON METER CAN OR LEAVE REJECT IF NECESSARY OR A COURTESY NOTE IF YOU NEED TO CONVEY A MESSAGE**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE FLORIDA BUILDING CODES UNLESS OTHERWISE NOTED

MECHANICAL ROUGH

1. CHECK PLANS – PERMIT
2. MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR PRODUCTS AND APPLIANCES SHALL BE AVAILABLE ON THE JOBSITE AT THE TIME OF INSPECTION. (M 1307.1)
3. CHECK AIR HANDLER LOCATION – IF IN ATTIC - WITHIN 6’ OF ACCESS OPENING, WALKWAY NOT LESS THAN 24” WIDE TO UNIT, WORK PLATFORM NOT LESS THAN 30” X 30” ON FRONT OR SERVICE SIDE OF UNIT. (R403.2.4), (M1305.1.3)
4. PROTECTION FROM DAMAGE – APPLIANCES SHALL NOT BE INSTALLED IN A LOCATION SUBJECT TO MECHANICAL DAMAGE UNLESS PROTECTED BY APPROVED BARRIERS. (303.4) PIPE TO BE PROTECTED WITH PROTECTIVE SHIELD PLATES. (M 1308.2)
5. AIR HANDLER MUST BE LABELED WITH HEAT STRIP SIZE. (M 1303.1)
6. MINIMUM ACCESS OPENING SIZE IS 20” X 30” WHERE SUCH DIMENSIONS ARE LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE. (M 1305.1.3) IF AIR HANDLER IS IN ATTIC IT SHALL COMPLY WITH (R403.2.4)
7. FURNACES AND AIR HANDLERS WITHIN COMPARTMENTS SHALL HAVE A MINIMUM WORKING SPACE CLEARANCE OF 3 INCHES ALONG THE SIDES, BACK AND TOP WITH A TOTAL WIDTH OF THE ENCLOSING SPACE BEING AT LEAST 12 INCHES WIDER THAN THE FURNACE OR AIR HANDLER. (M1305.1.1)
8. A LUMINAIRE SWITCHED AT THE ACCESS OPENING TO PROVIDE LIGHTING ALONG THE WALKWAY AND A RECEPTACLE OUTLET AT OR NEAR THE SERVICE AREA SHALL BE PROVIDED. (M 1305.1.2.3), (NEC 210.63), (NEC 210.70)
9. SUPPLY DUCTS IN ATTICS SHALL BE INSULATED TO A MINIMUM OF R-8. ALL OTHER DUCTS SHALL BE INSULATED TO A MINIMUM OF R-6. (R403.2.4)
10. DUCT WORK PASSING THROUGH GARAGE WALLS OR CEILINGS SHALL BE RIGID (METAL OR DUCTBOARD) WITH NO OPENINGS INTO GARAGE. (R 302.5.2)
11. ALL DISTRIBUTION SYSTEMS MUST BE SEALED TO 100% CLOSURE. (R403.2.2)
12. PROPER ATTACHMENTS OF INNER LINER AND OUTER JACKET OF FLEX DUCTS SHALL BE PROVIDED. (R403.2.2) & (C403.2.7.3)
13. TAPES SHALL BE UL 181 APPROVED AND EXTEND A MINIMUM OF 1” ONTO EACH OF THE MATED SURFACES. (C403.2.7.3.7), (4)

14. ALL DUCTS SHALL BE CONSTRUCTED, BRACED, REINFORCED AND INSTALLED TO PROVIDE STRUCTURAL STRENGTH AND DURABILITY. (C403.2.7.2)
15. FLEXIBLE DUCT SHALL BE FULLY EXTENDED AND PROPERLY SUPPORTED.
 - A. HORIZONTAL DUCT SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 5'.
 - B. VERTICAL DUCT SHALL BE STABILIZED AT INTERVALS NOT EXCEEDING 6'. (304.1), (M604.1)
16. HANGERS, SADDLES, AND OTHER SUPPORTS SHALL NOT RESTRICT INTERNAL DUCT DIAMETER AND SHALL NOT BE LESS THAN 1-1/2" WIDE INSTALLED AT INTERVALS NOT TO EXCEED 12'. INSTALLATION SHALL BE PER (M1601.1.1) & (603.1), (603.10) AND SMACNA DUCT CONSTRUCTION STANDARDS.
17. BENDS IN FLEX DUCT SHALL MAINTAIN A CENTER LINE RADIUS OF NOT LESS THAN ONE DUCT DIAMETER. INSTALLATION SHALL BE PER (M1601.1.1) & (603.1), (603.10) AND SMACNA DUCT CONSTRUCTION STANDARDS.
18. PROVIDE FOR BALANCED RETURN AIR FOR HABITABLE ROOMS. TRANSFER DUCTS OR GRILLES AND DOOR UNDER CUTS OF MIN. 1" MAY BE USED AS WELL AS DUCTED RETURNS FROM EACH HABITABLE ROOM. (M 1602.4)
19. THERMOSTAT WIRE MUST BE PROVIDED. IN ACCORDANCE WITH THE LISTING, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE CODE. (304.1) & (M1307.1)
20. COMBUSTION AIR MUST BE PROVIDED PER (M 1701.1) & (701)
21. SHIELD PLATES ARE REQUIRED TO PROTECT REFRIGERANT PIPE (M 1308.2), (305.5)
22. CONDENSATE DRAINS MUST BE MINIMUM OF 3/4" AND BE INSTALLED SO THAT HORIZONTAL SECTIONS HAVE A UNIFORM SLOPE. (M 1411.3), (307.2.1)
23. CONDENSATE DRAIN PIPING MUST HAVE PROPER SUPPORT (TABLE 305.4)
24. CONDENSATE DRAINS SHALL BE TRAPPED AS REQUIRED BY THE EQUIPMENT OR APPLIANCE MANUFACTURER. (307.2.4), (M1401.1)
25. AUXILIARY AND SECONDARY DRAIN PANS SHALL BE PROVIDED AS REQUIRED. (M 1411.3.1)
26. ON DOWN FLOW UNITS THAT DO NOT HAVE A SECONDARY DRAIN OR PROVISIONS TO INSTALL A SECONDARY DRAIN PAN, A WATER-LEVEL MONITORING DEVICE SHALL BE INSTALLED INSIDE THE PRIMARY DRAIN PAN. DEVICES SHALL NOT BE INSTALLED IN THE DRAIN LINE. (M1411.3.1.1)

27. **REFRIGERANT PIPING INSULATION TO THE WALL THICKNESS PER (M1411.5) & TABLE (C403.2.8). 1 (1/2" INSULATION UP TO 1" PIPE AND 3/4" INSULATION OVER 1" PIPE.**
28. **REFRIGERANT PIPING PENETRATING SLABS OR FOUNDATIONS OR OTHER CORROSIVE MATERIALS SHALL BE PROTECTED AGAINST EXTERNAL CORROSION BY A PROTECTIVE SHEATHING. (M1301.3) INSTALLATION OF MATERIALS & INSULATION OF REFRIGERANT PIPING (M1411.5)**
29. **REFRIGERANT PIPING SHALL BE PROPERLY SUPPORTED. (305.1)**
30. **PROTECTION OF PIPING INSULATION. PIPING INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED. ADHESIVE TAPE SHALL NOT BE PERMITTED. (R403.3.1)**
31. **THE AIR REMOVED BY EVERY MECHANICAL EXHAUST SYSTEM SHALL BE DISCHARGED TO THE OUT-DOORS IN ACCORDANCE WITH SECTION M1506.2. AIR SHALL NOT BE EXHAUSTED INTO AN ATTIC, SOFFIT, RIDGE VENT OR CRAWL SPACE. EXCEPTION: WHOLE-HOUSE VENTILATION TYPE ATTIC FANS THAT DISCHARGE INTO THE ATTIC SPACE OF DWELLING UNITS HAVING PRIVATE ATTICS SHALL BE PERMITTED.**

DOMESTIC CLOTHES DRYER EXHAUST

32. **MINIMUM DRYER DUCT DIAMETER IS 4". DUCT SHALL HAVE A SMOOTH INTERIOR FINISH W/ NO FASTNERS EXTENDING INTO DUCT MORE THAN 1/8 INCH. (M1502.4.2)**
33. **MAXIMUM DEVELOPED LENGTH SHALL NOT EXCEED 35' AND SHALL BE REDUCED 2-1/2' FOR EACH 45-DEGREE BEND AND 5' FOR EACH 90 DEGREE BEND. (M1502.4.4.1) & TABLE (M1502.4.4.1)**
34. **DRYER EXHAUST DUCTS SHALL TERMINATE ON THE OUTSIDE OF BUILDING. THE EXHAUST DUCT SHALL TERMINATE NOT LESS THAN 3 FEET IN ANY DIRECTION FROM OPENINGS INTO BUILDINGS. EXHAUST DUCTS SHALL HAVE A BACKDRAFT DAMPER. TERMINATION SHALL NOT BE SCREENED. (M1502.3)**
35. **TRANSITION DUCTS SHALL BE LIMITED TO SINGLE LENGTHS NOT TO EXCEED 8'. TRANSITION DUCTS SHALL NOT BE CONCEALED WITHIN CONSTRUCTION. (M1502.4)**
36. **MAKE-UP AIR SHALL BE PROVIDED FOR INSTALLATIONS EXHAUSTING MORE THAN 200cfm. WHERE A CLOSET IS PROVIDED FOR DRYER INSTALLATION, AN OPENING OF NOT LESS THAN 100 sq. inches SHALL BE PROVIDED FOR MAKEUP AIR. (G 2439.4)**

DOMESTIC KITCHEN EXHAUST EQUIPMENT

37. **WHEN PROVIDED, RANGE HOOD DUCTS SHALL DISCHARGE TO THE OUTDOORS, HAVE SMOOTH INNER WALLS, BE AIRTIGHT AND EQUIPPED WITH A BACKDRAFT DAMPER. (M 1503.1)**

EXCEPTION: LISTED AND LABELED DUCTLESS HOODS

- 38. DOMESTIC OPEN-TOP BROILER UNITS SHALL BE PROVIDED WITH A METAL EXHAUST HOOD. (M 1505.1)**
EXCEPTION: BROILER UNITS WITH AN INTEGRAL EXHAUST SYSTEM AND LISTED AND LABELED FOR USE WITHOUT AN EXHAUST HOOD.

BATHROOM VENTILATION

- 39. BATHROOMS, WATER CLOSET COMPARTMENTS AND OTHER SIMILAR ROOMS SHALL BE PROVIDED WITH AGGREGATE GLAZING AREA IN WINDOWS OF NOT LESS THAN 3 SQUARE FEET, ONE-HALF OF WHICH MUST BE OPERABLE. EXCEPTION: THE GLAZED AREA IS SHALL NOT BE REQUIRED WHERE ARTIFICIAL LIGHT AND A LOCAL EXHAUST SYSTEM ARE PROVIDED. THE MINIMUM LOCAL EXHAUST RATES SHALL BE DETERMINED IN ACCORDANCE WITH SECTION (M1507). EXHAUST AIR FROM THE SPACE SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE AND NOT RECIRCULATED. (M1507.2)**
- 40. RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

ANY ITEM NOT ADDRESSED BY THE RESIDENTIAL CODE SHALL COMPLY WITH
THE APPLICABLE PROVISION OF THE FLORIDA BUILDING CODE, MECHANICAL
AND FUEL GAS.

MECHANICAL FINAL

1. CHECK PLANS – PERMIT – ENERGY FORMS
2. MANUFACTURERS INSTALLATION INSTRUCTIONS FOR PRODUCTS AND APPLIANCES SHALL BE AVAILABLE ON JOBSITE AT THE TIME OF INSPECTION (M 1307.1)
3. **AIR HANDLING UNITS SHALL NOT BE INSTALLED IN THE ATTIC WHEN A HOME IS BROUGHT INTO CODE COMPLIANCE BY SECTION R402 (GENERAL PRESCRIPTIVE). AIR-HANDLING UNITS SHALL BE ALLOWED IN ATTICS FOR COMPLIANCE BY SECTION R405 ONLY IF THE FOLLOWING CONDITIONS ARE MET:**

1. The service panel of the equipment is located within six (6) feet of an attic access.
2. A device is installed to alert the owner or shut the unit down when the condensation drain is not working properly.
3. The attic access opening is of sufficient size to replace the air handler.
4. A notice is posted on the electric service panel indicating to the homeowner that the air handler is located in the attic. Said notice shall be in all capitals, in 16 point type, with the title and first paragraph in bold:

NOTICE TO HOMEOWNER

A PART OF YOUR AIR CONDITIONING SYSTEM, THE AIR HANDLER, IS LOCATED IN THE ATTIC. FOR PROPER, EFFICIENT, AND ECONOMIC OPERATION OF THE AIR CONDITIONING SYSTEM, YOU MUST ENSURE THAT REGULAR MAINTENANCE IS PERFORMED. YOUR AIR CONDITIONING SYSTEM IS EQUIPPED WITH ONE OR BOTH OF THE FOLLOWING:

- 1) A DEVICE THAT WILL ALERT YOU WHEN THE CONDENSATION DRAIN IS NOT WORKING PROPERLY OR**
- 2) A DEVICE THAT WILL SHUT THE SYSTEM DOWN WHEN THE CONDENSATION DRAIN IS NOT WORKING. TO LIMIT POTENTIAL DAMAGE TO YOUR HOME, AND TO AVOID DISRUPTION OF SERVICE, IT IS RECOMMENDED THAT YOU ENSURE PROPER WORKING ORDER OF THESE DEVICES BEFORE EACH SEASON OF PEAK OPERATION.**

4. **PROPER SERVICE CLEARANCE REQUIRED FOR ALL EQUIPMENT. (M 1305.1 THROUGH M1305.1.4)**

5. MECHANICAL SYSTEMS MUST BE 1' ABOVE BASE FLOOD ELEVATION IF IN FLOOD ZONE OR OTHERWISE PROTECTED FROM WATER. (AHJ)
6. 30" CLEARANCE MUST BE PROVIDED TO SERVICE SIDE OF EQUIPMENT. (M1305.1)
7. FILTER MUST BE ACCESSIBLE FOR MAINTENANCE AND NOT BLOCKED BY ANY ELEMENTS OF CONSTRUCTION. (M 1401.2)
8. A LUMINAIRE SWITCHED AT THE ACCESS OPENING TO PROVIDE LIGHTING ALONG THE WALKWAY AND A RECEPTACLE OUTLET AT OR NEAR THE SERVICE AREA SHALL BE PROVIDED. (M 1305.1.3.1 & **NEC 2011, ARTICLE 210.63 & 210.70 (3)**)
9. VERIFY UNIT MATCHES ENERGY FORMS FOR TONNAGE, EFFICIENCY, TYPE OF HEAT ETC. (**R403.6**)
10. AIR HANDLERS SHALL BE MECHANICALLY ATTACHED TO OTHER SYSTEM COMPONENTS. (**M1401.1**)
11. VERIFY PROPER BREAKER, WIRE SIZE AND DISCONNECT LOCATION. (**M1307.5**) **ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE NEC 2011 & CHAPTERS 14, 15, 19, 20 AND 34 THROUGH 43 OF THE FBC – R MECHANICAL.**
12. CONDENSATE DRAINS MUST BE TRAPPED *PER MANUFACTURES* REQUIREMENT AND DISCHARGE NOT LESS THAN 1' AWAY FROM BUILDING. (**R318.5**), **CONDENSATE DRAIN PIPING WITHIN UNCONDITIONED AREAS SHALL BE INSULATED. (307.2.5)**
13. **CONDENSATE DRAIN MUST BE A MINIMUM OF 3/4 INCH AND BE INSTALLED SO THAT HORIZONTAL SECTIONS HAVE A UNIFORM SLOPE OF 1%. (M1411.3.1)**
14. UNITS MUST HAVE AN AUXILIARY DRAIN PAN WITH A SEPARATE DRAIN LINE OR A FLOAT SWITCH INSTALLED IN THE AUXILIARY DRAIN PAN.
*WHERE AN AUXILIARY DRAIN PAN CANNOT BE INSTALLED A SECONDARY DRAIN SYSTEM MAY BE INSTALLED. (*M 1411.3.1*)
15. CONDENSERS INSTALLED AT GRADE LEVEL SHALL BE SUPPORTED ON A LEVEL CONCRETE SLAB OR OTHER APPROVED MATERIAL EXTENDING 3" ABOVE ADJOINING GRADE. (*M 1305.1.4.1*)
16. CONDENSORS MUST BE ANCHORED **IN AN APPROVED MANNER. (M1307.2)**
17. PROPER COMBUSTION AIR MUST BE PROVIDED FOR FUEL BURNING UNITS. (*M 1701.1*)
18. **PROTECTION OF PIPING INSULATION. PIPING INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED. ADHESIVE TAPE SHALL NOT BE PERMITTED. (R403.3.1)**

DOMESTIC CLOTHES DRYERS

19. **DRYER EXHAUST DUCTS SHALL TERMINATE ON THE OUTSIDE OF BUILDING. THE EXHAUST DUCT SHALL TERMINATE NOT LESS THAN 3 FEET IN ANY DIRECTION FROM OPENINGS INTO BUILDINGS. EXHAUST DUCTS SHALL HAVE A BACKDRAFT DAMPER. TERMINATION SHALL NOT BE SCREENED. (M1502.3)**
20. **COMBUSTION AIR PROVIDED FOR GAS DRYER. (G 2407)**
21. **PROPER MAKE-UP AIR PROVIDED IF DRYER IS IN CLOSET. (G 2439.4)**
22. **PROTECTION OF PIPING INSULATION. PIPING INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED. ADHESIVE TAPE SHALL NOT BE PERMITTED. (R403.3.1)**

DOMESTIC KITCHEN EXHAUST EQUIPMENT

23. **DUCT PROPERLY TERMINATED OUTSIDE. (M 1503)**
24. **INSTALLATION OF MICROWAVE OVENS MUST COMPLY WITH (M 1504.1).**
25. **RETURN PLANS TO ORIGINAL LOCATION; SIGN AND DATE PERMIT CARD OR LEAVE CORRECCION NOTICE WITH ITEMS LISTED.**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

GAS ROUGH

1. CHECK PLANS – PERMIT
2. GAS PIPING SHALL NOT BE INSTALLED IN OR THROUGH A CIRCULATING AIR DUCT, CLOTHES CHUTE, VENTILATING DUCT, CHIMNEY, GAS VENT, DUMB WAITER OR ELEVATOR SHAFT. (G 2415.3)
3. UNDERGROUND GAS *SERVICE* PIPING MUST BE BURIED A MINIMUM OF 12” (G2415.12) (EXCEPTION INDIVIDUAL OUTSIDE APPLIANCES) (G2415.12.1)
4. GAS PIPING BURIED UNDER A BUILDING MUST BE ENCASED. (G2415.14)
5. AN INSULATED COPPER TRACER SHALL BE INSTALLED ADJACENT TO UNDERGROUND NON-METALLIC PIPING. (G2415.17.3)
6. TEST PRESSURE SHALL BE NO LESS THAN 1-1/2 TIMES THE PROPOSED MAXIMUM WORKING PRESSURE BUT NOT LESS THAN 3 PSI. TEST DURATION FOR A SINGLE FAMILY DWELLING IS 10 MINUTES. (G2417.4.1), (G2417.4.2), (G2419.19)
7. ALL ABOVE GROUND PIPING **SHALL BE SUPPORTED. INTERVAL OF SUPPORT PER TABLE (G2424.1).**
8. PIPING IN CONCEALED LOCATIONS SHALL NOT HAVE UNIONS, TUBING, FITTINGS, RIGHT AND LEFT COUPLINGS, BUSHINGS, COMPRESSION COUPLINGS, AND SWING JOINTS MADE BY A COMBINATION OF FITTINGS. (G2415.5)
9. PROTECTION TO BE PROVIDED FOR OTHER THAN GALVANIZED OR BLACK PIPING WHEN INSTALLED IN A CONCEALED SPACE THROUGH HOLES LESS THAN 1.5” FROM THE FACE OF FRAMING MEMBERS. PLATES SHALL COVER THE AREA OF THE PIPE; EXTEND A MINIMUM OF 4” ABOVE SOLE PLATES, BELOW TOP PLATES AND TO EACH SIDE OF A STUD, JOIST OR RAFTER. (G2415.7)
10. CATEGORY I VENTS SHALL BE SIZED IN ACCORDANCE WITH (G2425.14), (501.14) & (504). CAT II, III & IV TO BE PER MANUFACTURES SPECS.
11. CHIMNEYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH (G2427.5), AND **FBC – R, 5TH EDITION (2014), CHAPTER 10.**
12. PROPER CLEARANCE OF GAS VENTS FROM COMBUSTIBLES IS REQUIRED **PER FBC – R, 5TH EDITION (2014), CHAPTER 10 AND MANUFACTURER’S INSTALLATION INSTRUCTIONS. (G2425.15.4)**
13. INSULATION SHIELD OF NOT LESS THAN 26 GAUGE METAL REQUIRED TO MAINTAIN CLEARANCE BETWEEN INSULATION AND VENT (G 2426.4)

14. **TERMINATION OF VENTS SHALL COMPLY WITH (G2427.6)**
15. **LISTED VENTED DECORATIVE APPLIANCES SUCH AS GAS FIREPLACES SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING AND MANUFACTURERS INSTRUCTIONS. (G2427.6)**
16. **MANUFACTURERS INSTALLATION INSTRUCTIONS FOR PRODUCTS AND APPLIANCES SHALL BE AVAILABLE ONSITE AT THE TIME OF INSPECTION (G2408.1)**
17. **COMBUSTION AIR MUST BE PROVIDED IN ACCORDANCE WITH SECTION (G2407).**
18. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

GAS FINAL

1. CHECK PLANS – PERMIT
2. VERIFY ROUGH-IN INSPECTION HAS APPROVED IF APPLICABLE
3. OUTLETS WITHOUT APPLIANCES INSTALLED SHALL BE CAPPED GAS TIGHT. **(G2415.15)**
4. OUTLETS SHALL BE LOCATED IN THE ROOM OR SPACE WHERE THE APPLIANCE IS INSTALLED. **(G2415.16)**
5. VALVES SHALL BE INSTALLED NOT MORE THAT 6’ FROM THE APPLIANCE AND IN THE SAME ROOM AS THE APPLIANCE **(G2420.5)**
6. ALL GAS VENTS SHALL BE CONNECTED, PROPERLY INSTALLED AND CAPPED **(G2427.6.5)**
7. APPLIANCES INSTALLED IN GARAGES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS WHICH SHALL BE AVAILABLE ON THE JOB AT THE TIME OF THE INSPECTION. **(G2408.1)**
8. COMBUSTION AIR PROVIDED MUST COMPLY WITH SECTION **(G2407)**.
9. SEDIMENT TRAPS REQUIRED PER **(G2419.4)**
10. APPLIANCE FUEL CONNECTORS SHALL NOT EXCEED 6’ IN LENGTH. **(G 2422.1.2.1)** SEE EXCEPTION.
11. CHECK FOR PROPER PLACEMENT OF GAS TANKS (NFPA 58)
12. ALL APPLIANCES MUST BE INSTALLED ACCORDING TO THE MANUFACTURERS INSTALLATION INSTRUCTIONS, WHICH SHALL BE AVAILABLE AT TIME OF INSPECTION; AND THIS CODE **(G 2408.1)**.
13. ALL APPLIANCES AND MATERIALS MUST BE LISTED AND MEET APPROPRIATE STANDARDS OR HAVE BEEN TESTED IN A SPECIFIED MANNER **(G2408.1)**
14. EACH ABOVE GROUND PORTION OF A GAS PIPING SYSTEM UPSTREAM *FROM* THE EQUIPMENT SHUT-OFF VALVE SHALL BE ELECTRICALLY CONTINUOUS AND BE BONDED TO ANY GROUNDING ELECTRODE AS DEFINED BY **FBC – R, 5TH EDITION (2014), CHAPTER 34, (G2410), (G 2411) & (NEC 2011)**.

**RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD *OR*
LEAVE CORRECTION NOTICE WITH ITEMS LISTED.**

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER FLORIDA BUILDING CODES, 5TH EDITION (2014)**
UNLESS OTHERWISE NOTED

IRRIGATION

1. IS THE IRRIGATION PERMITTED? (FBC – B, SECTION, [A], 105.1)
2. A SHUT OFF VALVE MUST BE INSTALLED IN THE SUPPLY LINE TO THE SYSTEM. (FBC – R, SECTIONS P2903.9.3, P2903.9.4, P2903.9.5)
3. CHECK FOR RAIN SENSOR (F.S. 373.62) AND TIMER OR MANUAL ZONE VALVES.
4. PROPER BACKFLOW PREVENTION MUST BE PROVIDED. (FBC – R, SECTION P 608.16.5)
 - a. ATMOSPHERIC TYPE VACUUM BREAKER: IF THIS TYPE IS USED IT MUST BE INSTALLED DOWNSTREAM OF THE ZONE VALVES AND ABOVE THE HIGHEST SPRINKLER HEAD ACCORDING THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - b. PRESSURE TYPE VACUUM BREAKER: THIS TYPE VALVE MAY BE INSTALLED UPSTREAM OF THE ZONE VALVES AND ABOVE THE HIGHEST HEAD ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - c. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER: REQUIRED WHEN CHEMICALS ARE INTRODUCED INTO THE SYSTEM.
5. ALL IRRIGATION HEADS SHALL BE A MINIMUM OF 12 INCHES AWAY FROM THE BUILDING EXTERIOR WALL. (FBC – R, SECTION R318.5)

RECLAIMED IRRIGATION

1. IS THE IRRIGATION PERMITTED? (FBC – B, SECTION [A], 105.1)
2. ALL PIPING TO BE MARKED BY THE INDUSTRY STANDARD COLOR PURPLE. FROM FACTORY.
3. ALL IRRIGATION HEADS TO BE MARKED FOR REUSE FROM FACTORY
4. ALL VALVE BOXES TO BE MARKED FOR REUSE FROM FACTORY.

RETRO-FIT SYTEM

- 1. NEW SERVICE LINE FROM REUSE METER TO POINT OF CONNECTION WITH THE EXISTING IRRIGATION PIPING OR ANY OTHER NEW IRRIGATION PIPING SHALL BE THE INDUSTRY STANDARD COLOR PURPLE FROM THE MANUFACTURER.**
- 2. PIPING, CONNECTIONS SHALL BE LEFT UNCOVERED FOR INSPECTION.**
- 3. ALL EXPOSED EXISTING PIPING, IRRIGATION HEADS AND VALVE BOXES SHALL BE RETRO-FITTED, CHANGED TO THE INDUSTRY STANDARD COLOR PURPLE, WITH MANUFACTURED PIPING, IRRIGATION HEADS AND VALVE BOXES.**
- 4. WHERE ANY CONNECTIONS WHERE DISCONNECTED FROM A POTABLE SOURCE THOSE CONNECTIONS SHALL BE LEFT OPEN FOR INSPECTION.**

(FBC – R, CHAPTER 25)

THIS LIST IS ONLY A GUIDE AND NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

**ALL CODE REFERENCES ARE PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)
AND THE NEC 2011 UNLESS OTHERWISE NOTED**

POOL BONDING & GROUNDING

STRUCTURAL

1. SHELL STEEL MUST BE TIED AND ELEVATED SO IT WILL BE **ENCASED IN CONCRETE.** (R404.1.2.3.7.4.)
2. TEMPORARY SAFETY BARRIER MUST BE IN PLACE. (LDC) & **(FBC – R, 5TH EDITION (2014), SECTION 3304.1)**
3. ANGLE OF REPOSE REQUIREMENTS MUST BE MET. (FBC)

ELECTRICAL

4. SHELL STEEL MUST BE BONDED WITH # 8 COPPER WIRE. **(NEC 2011, ARTICLE 680.26)**
5. APPROVED GROUND CLAMP(S) – BRASS SCREWS OR PROTECTED FROM CONCRETE. OR GROUND CLAMP SHALL BE LISTED **(NEC 2011, ARTICLE 250.70)**
6. LIGHT NICHE BONDED AND CONDUIT INSTALLED. **(NEC 2011, ARTICLE 680.23, (B), (I))**
7. LIGHT NICHE MUST BE 18” BELOW WATER LINE PER **(NEC 2011, ARTICLE 680.23, (A), (5)), OR PER MANUFACTURES SPECS.)**

PLUMBING

8. WHEN REQUIRED; 2 SUCTION INLETS INSTALLED MINIMUM OF 3’ SEPARATION OR ON 2 DIFFERENT PLANES. **(R4501.6.6 & ANSI/APSP 7) ENTRAPMENT PROTECTION**
9. VENT PIPE INSTALLED PER ENGINEERED DRAWING (IF USED **ANSI/APSP 7** PER PLANS). **(R4501.6) ENGINEERED DESIGN**
10. CHECK TDH BEING USED TO BE ONE OF THE FOLLOWING:
 - a. SIMPLIFIED TOTAL DYNAMIC HEAD
 - b. TOTAL DYNAMIC HEAD
 - c. MAXIMUM FLOW CAPACITY
(R4501.6.1), (R4501.7.3)
11. RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014)
AND THE NEC 2011** UNLESS OTHERWISE NOTED

**POOL SLAB & DECK
STRUCTURAL**

1. REINFORCING WIRE MESH TIED TOGETHER *PER PLANS*
2. STEPS, LADDER OR SWIMOUT INSTALLED AT EACH END OF POOL. **(R4101.18)**
3. 8" X 8" BELL FOOTER WITH 1 - #5 OR 2 - #3 REBAR AROUND EDGE OF DECK, OR PER PLAN
4. TERMITE PRE-TREAT REQUIRED WITHIN 1' OF STRUCTURE FOR NEW CONSTRUCTION
5. TEMPORARY SAFETY BARRIER INSTALLED. (LDC & FBC)
6. **SAFETY INSPECTION:** ALL BARRIERS AND ALARMS MUST BE IN PLACE AND WORKING AT DECK INSPECTION OR PRIOR TO FILLING POOL

ELECTRICAL

7. SHELL STEEL MUST BE BONDED WITH # 8 COPPER, AND PROPER UL CLAMPS **(NEC 2011, ARTICLE 680.26(B)(1)), (FBC – R, SECTION E4204)**
8. HANDRAIL, LADDER, DIVING BOARD, ETC. MUST BE BONDED WITH # 8 COPPER. **(NEC 2011, ARTICLE 680.26(B) (5), (FBC – R, SECTION E4204)**
9. DECK WIRE MESH MUST BE BONDED WITH # 8 COPPER. **(NEC 2011, ARTICLE 680.26(B)(2)) OR EQUIPOTENTIAL BONDING 18" TO 24" FROM INSIDE WALL OF POOL 6" BELOW GRADE. ADDED; FBC –R, SECTION E4204, PERMITER SURFACES WITH LESS THAN A 3' SEPERATION BY A PERMENANT WALL OR BUILDING 5' IN HEIGHT OR MORE SHALL REQUIRE EQUIPOTENTIAL BONDING.**
10. # 8 COPPER TO INTERNAL GROUND OF LIGHT NICHE (IF REQUIRED). **(NEC 2011, ARTICLE 680.26(B)(4)), (FBC – R, SECTION E4204)**
11. ALL METAL WITHIN 5' OF WATERS EDGE HORIZONTALLY AND 12' OR LESS VERTICALLY MUST BE BONDED WITH # 8 COPPER. **(NEC 2011, ARTICLE 680.26(B)(7)), (FBC-R, SECTION E4204)**

PLUMBING

12. SUCTION INLETS INSTALLED MINIMUM 3' SEPARATION OR ON 2 DIFFERENT PLANES. (ANSI APSP 7) AS PER PLANS. **(FBC – R, SECTION R4501.6.6)**

13. VENT PIPE INSTALLED PER ENGINEERED DRAWING (IF USED). PIPES PRESSURIZED TO 35 LBS. (FBC – R, SECTION R4501.6)
14. WHEN REQUIRED SUCTION OUTLET COVERS/ GRATES MUST CONFORM TO A112.19.8 2007, VIRGINIA GRAEME BAKER SAFETY ACT

**RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, OR
LEAVE CORRECTION NOTICE WITH ITEMS LISTED**

THIS LIST IS A GUIDE ONLY AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

ALL CODE REFERENCES ARE **PER THE FLORIDA BUILDING CODES, 5TH EDITION (2014) AND THE NEC 2011** UNLESS OTHERWISE NOTED

POOL FINAL

NOTE: PRIOR TO POOL FINAL, POOL SAFETY INSPECTION WHICH INCLUDES THE FINAL ELECTRICAL INSPECTION AND BARRIER CODE INSPECTION SHALL BE APPROVED PRIOR TO FILLING THE POOL WITH WATER. (FBC – R, SECTION R4501.19)

- 1. MINIMUM REQUIRED SAFETY BARRIER INSTALLED – MUST BE AT LEAST 20” FROM WATERS EDGE. (FBC – R, SECTION R4501.17.1.13) , REMOVABLE CHILD BARIERS**
- 2. MINIMUM 4’ HIGH BARRIER AROUND PERIMETER OF POOL. (FBC – R, SECTION R4501.17.1.1)**
- 3. CHILD SAFETY BARRIER MUST HAVE ONE END NON-REMOVABLE WITHOUT USE OF TOOLS. (FBC – R, SECTION R4501.17.1.11)**
- 4. SPACING OF POLES FOR CHILD BARRIER NOT TO EXCEED 36”. SLEEVES FOR POLES MUST BE NONCONDUCTIVE. (FBC – R, SECTION R4501.17.1.15)**
- 5. GATES IF INSTALLED MUST SWING AWAY FROM THE POOL AND HAVE SELF-CLOSING AND LATCHING HARDWARE. WHERE HARDWARE IS LOCATED 54” ABOVE BOTTOM OF GATE, IT MAY BE INSTALLED ON EITHER SIDE OF GATE. (FBC – R, SECTION R4501.17.1.8)**
- 6. ALARMS IF USED MUST BE HARDWIRED OR PLUG-IN TYPE WITH A DECIBEL RATING OF 85 AT 10’. (FBC – R, SECTION R4501.17.1.9, (1)), SEPARATE ALARMS ARE NOT REQUIRED FOR EACH DOOR OR WINDOW IF SENSORS ARE WIRED TO A CENTRAL ALARM AND SOUND WHEN CONTACTS ARE BROKEN AT ANY OPENING.**
- 7. ALARMS IF USED SHALL HAVE A MANUAL MEANS TO TEMPORARILY DEACTIVATE THE ALARM FOR A SINGLE OPENING. THE SWITCH SHALL BE LOCATED AT LEAST 54” ABOVE THE THRESHOLD OF THE DOOR. (FBC – R, SECTION 4501.17.1.9)**

ELECTRICAL

- 8. POOL LIGHT J-BOX MUST BE APPROVED BOX WITH GROUND LUG/TERMINAL STRIP INSIDE. (NEC 2011, ARTICLE 680.24, (D)) & (FBC – R, SECTION E4205.2)**
- 9. PUMP MUST HAVE DISCONNECT AND GFIC PROTECTION (NEC 2011, ARTICLE 680.21 (A), (B), (C), 680.22 (A) (1) THROUGH (5), (FBC – R, SECTIONS E4203.1.3, DISCONNECTING MEANS, E4203.1.3, GFCI PROTECTION**

10. **TIMER CANNOT BE USED AS DISCONNECT. (NEC 2011, ARTICLE 430.101 & 430.102, (A) &(B))**
11. **FEEDERS TO POOL SUB-PANEL MUST BE IN CONDUIT. (NEC 2011, ARTICLE 680.25, FEEDER)**
12. **RECEPTACLES OTHER THAN THOSE FOR POOL EQUIPMENT SHALL BE NOT LESS THAN (6 FT) FROM THE INSIDE WALLS OF A POOL. (NEC 2011, ARTICLE 680.22(A), (2). SEE ENTIRE ARTICLE 680.22 FOR LIGHTING, RECEPTACLES, AND EQUIPMENT, AND (FBC R, SECTION E4203)**
13. **CHECK PUMP MOTOR SIZE THAT IT IS PER PLANS (TYPE, HP AND MANUFACTURES INFO MUST MATCH PLANS)**
14. **120V GFCI PROTECTED RECEPTACLE REQUIRED MORE THAN 6' BUT LESS THAN 20' OF POOL. (NEC 2011, ARTICLE 680.22, (A), (4))**
15. **SWITCH MAY BE NOT LESS THAN 5' FROM POOL UNLESS PLUNGER TYPE (NEC 2011, ARTICLE 680.22, (C)), (FBC – R, SECTION E4203.2)**
16. **# 8 COPPER BOND WIRE FROM POOL AND ACCESSORIES MUST TERMINATE AT PUMP. (NEC 2011, ARTICLE 680.26, (B))**
17. **POOL CAGE MUST BE BONDED. (NEC 2011, ARTICLE 680.26, (B), (7)), (FBC – R, SECTION E4204.2, (7))**
18. **REFER TO NEC 2011, ARTICLE 680 AND FBC – R, CHAPTER 42 FOR ADDITIONAL REQUIREMENTS**

PLUMBING

19. **TESTED AND ACCEPTED COVERS INSTALLED OVER DRAINS OR SUCTION INLETS. (FBC – R, SECTION 4501.6.6)**
20. **CHECK VALVES, WHERE INSTALLED, SHALL BE SWING, SPRING OR VERTICAL CHECK PATTERNS. (FBC - R, SECTION R 4501.8.3)**
21. **WATER HEATING EQUIPMENT MUST BE INSTALLED WITH FLANGES OR UNIONS. (FBC – R, 4501.14.4)**
22. **ANTI-ENTRAPMENT METHOD INSTALLED (VENT PIPE OR VACUUM RELEASE DEVICE, “HAYWARD” DEVICE) IF USED (FBC – R, SECTION 4501.6.6)**
23. **RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD, LEAVE REJECT IF NECESSARY OR COURTESY NOTE IF YOU NEED TO CONVEY A MESSAGE.**

THIS LIST IS ONLY A GUIDE AND IS NOT ALL ENCOMPASSING

**POLK COUNTY BUILDING DIVISION
RESIDENTIAL INSPECTION CHECKLIST**

MOBILE HOME SET UP

ALL CODE REFERENCES ARE **PER FLORIDA BUILDING CODES, 5TH EDITION (2014), NEC 2011** AND THE LAND DEVELOPMENT CODE (LDC) UNLESS OTHERWISE NOTED

1. PERMIT AND ADDRESS INCLUDING LOT NUMBER TO MATCH INSPECTION REQUEST INFORMATION. POLK COUNTY LDC.
2. CHECK FOR FPA OR FLOOD ZONE INFORMATION IF APPLICABLE.
3. CHECK DATA PLATE FOR WIND ZONE II OR III AND YEAR. LOOK FOR INSTALLERS DECAL. STATE DMV
4. SITE SHALL BE CLEAN OF DEBRIS; GRADED AND SLOPED TO DRAIN SO THAT NO WATER CAN ACCUMULATE UNDER UNIT. (15-C-1-0102(3)).
5. BLOCKING, ANCHORS AND STABILIZER PLATES TO MATCH SET UP MANUAL. (NEW OR USED). USE STATE CODE 15-C-1 IF USED OR NO SET UP MANUAL AVAILABLE. BLOCKING OVER 52" TO BE ENGINEERED. MOBILE HOMES OLDER THAN 3 YEARS MUST HAVE PRE-INSPECTION (DMV & L.D.C.)
6. ALL MOBILE HOMES SHALL HAVE ENTRY STAIRS AT EACH ENTRANCE IN COMPLIANCE WITH THE ADOPTED BUILDING CODE. HOWEVER THERE SHALL BE NO LANDING REQUIREMENT FOR ENTRY STAIRS AT LEAST 42" WIDE AND WITH A MINIMUM 12" TREAD DEPTH, THAT ARE ALIGNED WITH THE HINGE SIDE OF THE DOORWAY TO PROVIDE AN OFFSET TO THE OPENING SIDE OF THE DOORWAY. IN EITHER CASE, GUARDRAILS OR HANDRAILS SHALL NOT BE REQUIRED (LDC 71).
 - a. ADDITIONS TO UNITS MUST COMPLY WITH THE FLORIDA BUILDING CODE RESIDENTIAL. **SITE CONSTRUCTED RAMPS, DECKS, LANDINGS, STAIRS, HANDRAILS AND GUARDRAILS TO COMPLY WITH FBC – R, SECTION 311 AND PERMITTING REQUIREMENTS.**
7. WATER SUPPLY TO HAVE SHUT OFF VALVE AND CHECK VALVE. (MANUAL OR 15-C).
8. SEWER CLEANOUT MUST BE LOCATED OUTSIDE OF SKIRTING. SEPTIC/SEWER CONNECTION MUST FIT TIGHTLY AT CONNECTION. **(FBC – R, SECTION P3005.2.7)**
9. CHECK ALL PIPING FOR PROPER SUPPORT. (MANUAL OR 15-C)
10. MECHANICAL: CHECK LABELS FOR MINIMUM AND MAXIMUM BREAKER SIZE AND CHECK FEEDER SIZE.

- a. **K.W. TO BE LISTED ON UNIT.**
- b. **UNIT TO BE SECURE TO A 4" CONCRETE SLAB OR GROUND ANCHOR SECURED TO EACH END**
- c. **DUCTS TO BE SUPPORTED OFF GROUND (CANNOT BE IN CONTACT WITH GROUND)**
- d. **3-FOOT RULE. (3 FOOT ABOVE GRADE) WILL BE NOTED ON PERMIT AND BLOCKING PLAN. IF IN FLOOD, NEED TO VERIFY HEIGHT OF FLOOR AND ANY ASSOCIATED EQUIPMENT, I.E. A/C UNITS NEED RAISED PLATFORM; PUMPS, ELECTRIC, ETC. (LDC)**
- e. **FPA- ELEVATION ISSUES HAVE BEEN ADDRESSED BY ELEVATION CERTIFICATE BY OFFICE PERSONNEL OR THE INSPECTION WOULD NOT BE ALLOWED.**

11. ELECTRICAL: POLE SIZE MINIMUM 6" MEASURED AT TOP OF POLE.

PROPER SERVICE REQUIRED WITHIN 30' OF EXTERIOR WALL OF HOME.

- a. **NEED TWO GROUND RODS OR 25 OHMS OR LESS TO GROUND.**
- b. **BREAKERS AND FEEDERS TO MATCH FOR PROPER SIZE.**
- c. **NEED 4 WIRES TO SUB-PANEL IN P.V.C. FOR GROUNDING AND ISOLATED NEUTRALS IN PVC OR DIRECT BURIAL.**
- d. **BOND WIRE REQUIRED FOR ALL MULTI-SECTIONAL UNITS.**
- e. **WELL PUMP MUST HAVE DISCONNECT IN SIGHT, WITHIN 50'. PRESSURE SWITCH CANNOT BE USED AS DISCONNECT.**
- f. **SUBMERSIBLE PUMP METAL WELL CASING SHALL BE CONNECTED TO THE PUMP CIRCUIT EQUIPMENT GROUNDING CONDUCTOR. (NEC 2011, ARTICLE 250.112, (M))**
- g. **MULTI-SECTIONAL UNITS CHECK ELECTRIC CROSS OVERS FOR PROPER INSTALLATION PER MANUFACTURES SET UP MANUAL OR 15 C.**

12. RETURN PLANS TO ORIGINAL LOCATION, SIGN AND DATE PERMIT CARD OR LEAVE CORRECTION NOTICE WITH ITEMS LISTED.

MOBILE HOME SKIRTING

SKIRTING – CHECK FOR ACCESS, VENTILATION AND NEEDS TO BE SECURELY ATTACHED TOP AND BOTTOM. ALL APPLIANCE VENTILATION TO EXTEND TO OUTSIDE OF SKIRTING.

CHECK FOR SITE DRAINAGE

THIS LIST IS ONLY A GUIDE AND NOT ALL ENCOMPASSING