

**TOWN OF INDIAN RIVER SHORES
BUILDING DEPARTMENT
PERMIT & PLAN REVIEW SUBMITTAL**

**Florida Building Code 2020 7th Edition
NEC 2014**

NOTE: *All permitting packages must be complete at submittal or will not be accepted by the Building Department.*

1. Completed building and land clearing applications.
2. Signed & sealed plans by design professional. Min 18"x24" and Max 24"x 36".
 - Residential-(2) sets Commercial-(3) sets
 - No loose sheets. See plan specifications attached.
3. Three (3) copies of Certified Survey with trees.
(to accompany all building, and land clearing and NPDES applications).
4. NPDES Permit & Required Documentation.
5. Recorded Warranty Deed.
6. Recorded Notice of Commencement.
7. Subcontractor Affidavits.
8. Soil Analysis Reports (new construction/addition/pools) signed & sealed by engineer.
9. Energy Efficiency Code, completed and signed.
10. HVAC sizing calculations/Manual J.
11. Product Approvals for: Windows / Doors / Garage Door / Shutters / Roof .
12. Truss Engineering & Layout.
13. Oceanfront property: DEP permit approval and Turtle Lighting Plan by engineer.
14. Property Owners Association Approval.
15. Health Department (For Septic)
16. FEMA Substantial Improvement- See building permit application and SI application must be completed. If applicable must provide copy of property appraisal.

EFFECTIVE 9/22/2021

PLAN SPECIFICATIONS

** This information is intended to be a guideline and does not necessarily indicate all details required to determine code compliance. **

Plans submitted must certify compliance with The FLORIDA BUILDING CODE 2020 7th Edition.

CODE COMPLIANCE: PLANS SHALL BE SIGNED AND SEALED BY AN ENGINEER OR ARCHITECT registered in the state of Florida, who shall state that the design submitted has been analyzed and/or designed by the Engineer or Architect to meet requirements of the FBC.

SITE PLAN:

- * Flood zone classification.
- * Show proposed finished floor elevation. Minimum FFE (finished floor elevation) is to be 1 foot above the base flood elevation in the town flood map or 20" above crown of road in non-flood locations. Maximum FFE is 20" above base flood elevation or 20" above crown of road in non-flood locations.
- * Certified boundary survey.
- * Show all streets and rights of way.
- * North direction indication.
- * Front, rear and side setbacks of proposed dwelling.
- * Show proposed finished floor elevation.
- * Location and elevation of benchmark.
- * Tree Survey.
- * Driveway description.
- * Lot coverage and landscape percentage calculations.
- * Elevations in NAVD.

FOUNDATION PLAN:

- * Indicate foundation type and dimensions.
- * Width, depth and location of all bearing footers.
- * Size and number of reinforcement bars, designate corner bends.
- * CBS construction shall show size and location of vertical steel.
- * Show location of shear wall segments and reinforcing requirements.
- * Slab depth and specifications, vapor barrier and termite treatment.
- * Footings on fill require a soil analysis report by a qualified engineer.

ELEVATIONS:

- * Show all four views of the structure including building heights.
- * Roof height in accordance with LDC definitions.

FLOOR PLAN:

- * Exterior and interior dimensions showing all room sizes.
- * Show all window, door and misc openings with sizes, locations.
- * Show bearing and non-bearing walls and partitions.
- * Show window and door header specifications and sizes.
- * Specify engineered header type on plans and truss layout.
- * Show attic access location(s) (minimum size 24" x 36").
- * Plumbing fixtures and all fixed items - cabinets, counters, etc.
- * Plumbing isometric diagram.
- * Location of proposed electric meter, main disconnect, and distribution panels.
- * Location of all electrical outlets, switches and fixtures.
- * Provide electrical riser diagram, panel schedule and load calculations.
- * Show all smoke detector and emergency egress locations
- * Show sizes and locations of all A/C-heat equipment, ducts and registers.
- * Show & identify accessible bath.

TYPICAL WALL SECTIONS:

- * Footing types and sizes indicated.
- * Show wall type and sizes for specified materials.
- * Vertical details (frame or block wall) with all anchoring details.
- * Show tie beam/column details and truss anchors or connectors.
- * Detail tie beam elevation transitions and reinforcing steel.
- * Specify manufacturer and product ID. with values for connectors.
- * Specify continuous load path components for code compliance.
- * Show interior/exterior wall finishes and specifications.
- * Roof type, sheathing and nailing schedule, roof coverings and finish.
- * Detail connection of masonry to wood frame construction.

ROOF CONSTRUCTION:

CONVENTIONAL FRAME:

- * Framing plan detailing bearing walls, headers and connectors
- * Show lumber grade, size and species.
- * Detail gable end framing where applicable.
- * Specify connector mfg. / product Id. or equivalent.
- * Specify type, grade, thickness of roof sheathing and nail pattern.
- * Detail ceiling joist material and all mechanical connections.

PRE-ENGINEERED TRUSSES:

- * Submit mfg. truss layout with all trusses identified clearly.
- * Submit connector schedule for uplift requirements.
- * Identify point loading on truss layout when applicable.
- * Specify type, grade, thickness of roof sheathing and nail pattern.
- * Show ceiling diaphragm and blocking if applicable.
- * Show roof underlayments and finish coverings.