00 1100 - CODE AND CONTRACT COMPLIANCE INSPECTION PROCEDURES

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NOTES:

The following information is provided for the Contractor's use and information.

CODE INSPECTIONS

The Contractor is required to request code inspections as indicated on the Building Permit and as required by the Florida Building Code Chapter 1.

Work subject to inspection is to remain exposed for inspection until approved. A minimum of 24 hours advance notice is required to schedule inspections, although every effort will be made to accommodate requests for expedited inspections. It is the duty of the permit holder to call for inspection when the work is ready. The following is provided as a guide for the timing of Code Inspections.

Threshold inspectors will perform structural inspections when required by the Florida Building Code. Building elements which require threshold inspection are identified in the Construction Documents.

Foundations will be inspected after building pad is compacted, trenches excavated and compacted, forms erected, and reinforcement supported in place. Pilings will be inspected during placement.

Slabs on Grade will be inspected after termite treatment is completed, vapor barriers are installed, and reinforcing is complete and ready for concrete placement.

Structural reinforcing will be inspected when tied, connected, and supported in place and prior to placement of concrete.

Structural Steel will be inspected when set, welded, connected and braced.

Framing and blocking will be inspected after all components, connectors, blocking, bracing, furring, and anchoring is complete.

Fire Stopping will be inspected at each floor level after all components, connectors, blocking, bracing, furring, electrical, mechanical, plumbing and gas rough-in work is complete.

Wall and Roof Sheathing, lathing, and gypsum board assemblies will be inspected while fasteners are exposed to view.

Window and Door Frames will be inspected while attachments and connections to the structural component are exposed to view.

Insulation will be inspected after dry-in, framing, rough-ins and fire stopping inspections are completed.

Fire Protection systems shall remain uncovered and exposed for inspection. System may be inspected by zone. Fire protection components requiring inspection include fire alarm, fire sprinkler, fire pumps, standpipes, and hydrants.

Roof Assemblies will be inspected after placement of decking and again after placement of insulation and prior to concealment of fasteners. Membrane will be inspected upon completion.

Electrical work shall remain uncovered and exposed for inspection. Components will be inspected when underground work is complete and again when rough-in is complete. At rough-in, no conduit boxes, panels or other components may be covered or concealed until released. **Temporary** electrical service shall be inspected and released, the same as permanent service. Final Electrical inspection may be done in conjunction with the above-ceiling inspection.

Mechanical work shall remain uncovered and exposed for inspection. Underground work, ductwork, insulation, access panels, and exhaust systems shall be inspected. Final Mechanical inspection may be done in conjunction with the above-ceiling inspection.

Plumbing work shall remain uncovered and exposed for inspection. Rough-in inspection is required for water, sanitary, valves and venting. Final inspection to be made after plumbing fixtures are connected and operational, backflow and collection systems are accepted, and testing is complete.

Gas systems will be inspected after piping is installed and before any piping is concealed. Piping must be secured, tested, and vented prior to being concealed. For LP systems, the Contractor must arrange for the gas provider to set and fill tank as required for inspection and testing of the system.

Mechanical, Electrical, Plumbing, Gas work above ceiling will be inspected when all trade work is complete including fire stopping and prior to the installation of suspended ceilings except for ceiling tiles as required to support devices and fixtures.

CONTRACT COMPLIANCE AND QUALITY CONTROL INSPECTIONS

Inspections for contract compliance and quality control are the responsibility of the Design Professional, including inspection for Substantial and Final Completion. The Design Professional and consulting engineers will visit the site regularly to determine whether the Work is being performed in accordance with the Contract Documents. Written reports will be issued to document each site visit.

The Design Team will observe the following, at a minimum, as applicable to the project. Some listed items also require inspection by the Code Inspector. Inspection for code compliance does not negate the need for inspection by the Design Team. The Contractor is responsible to contact the Design Professional for the following minimum inspections:

Bearing surfaces of excavations before concrete is placed
Reinforcing steel after installation and before concrete is placed
Structural concrete
Laboratory reports on all concrete
Structural steel during and after erection and prior to its being covered or enclosed
Welded steel connections
Mechanical and plumbing work following its installation and prior to its being covered or enclosed
Electrical work following its installation and prior to its being covered or enclosed