

LEGISLATIVE #

120049B

CONSTRUCTION INSPECTION SERVICES MATRIX

AGENCY	LIMITS OF INSPECTION	REFERENCE CODE, STANDARD, OR PERMIT	JURISDICTIONAL LIMIT
GRU Chilled Water	All contractor furnished or installed piping that will come in contact with GRU chilled water.	Per service contract.	5' from exterior of building envelope plus all GRU furnished equipment internal to the building. Per service contract.
GRU Electric	Electric transmission rights-of-way and distribution line (underground and overhead) and service laterals.	North American Electric Reliability Corporation (NERC) Reliability Standards, Federal Energy Regulatory Commission (FERC) Standards, Section 30.255 – Land Development Code, National Electrical Safety Code (NESC). GRU Design Construction and Material Standards, per GRU's Energy Delivery Service Guide (EDSG) including the EDSG Appendices.	GRU Electric Generation to the weather head connection. Per service contract. City owned lands, public right of ways within GRU service territory. Public Utility easements within GRU's service territory.
GRU Gas	Gas Main and Services installation.	FPSC 25-12 GRU Utility Con. Permit Energy Delivery Serv. Guide OPS Part 192	Outlet of the meter on the customer side.
GRU Reclaimed Water	Main line pipe system, service lateral, and water meter, and backflow preventer on the potable water system.	GRU Utility Construction Permit, GRU Design Standards and Construction Details, and GRU Material Standards Manual	Meter box at the property line or to the backflow preventer if on private property.

GRU Telecommunications	<ol style="list-style-type: none"> 1) Telecommunications low voltage in-building wiring installed from service location to building distribution location. 2) Telecommunications building distribution facilities (typically a room, closet, cabinet). 3) Telecommunication conduit installed from building to Right-of-Way or Property line. 	1, 2 & 3) Appropriate agency building codes/permitting process & GRUCom Design Standards and Construction Details documents.	<ol style="list-style-type: none"> 1) From customer service location to building telecommunications distribution location (room, closet, cabinet). 2) Building/location telecommunications distribution location. 3) Telecommunications Access location in Right-of-Way or Property line.
GRU Water	Main line pipe system, service lateral, and water meter installation and backflow preventer.	GRU Utility Construction Permit, GRU Design Standards and Construction Details, and GRU Material Standards Manual	Meter box at the property line or to the backflow preventer if on private property.
GRU Wastewater	Main line pipe system, service lateral terminating at a clean-out. Lift station wetwell, pumps, control panel, discharge piping and force main. Pre-treatment facilities to include but not limited to grease traps and debris removal facilities.	GRU Utility Construction Permit, GRU Design Standards and Construction Details, and GRU Material Standards Manual	Clean-out at property line, or pre-treatment facility located on private property
Public Works Department	Public Rights of Way, Private Construction Sites: ROW- Review all ROW Permits; Review plans and inspect all new construction in the ROW and reconstruction of existing ROW infrastructures. Private Sites- inspections of erosion control devices, installation of Storm Water Systems, inspection of public sidewalks, drive aprons, and site stabilization.	City of Gainesville Design Manual, FDOT Design Standards, MUTCD and ADA	Public rights-of-way within City limits
Park, Recreation and Cultural Affairs (Urban Forestry)	Barricade inspections for new development or re-development within city limits. Make certain that regulated trees (8"-19") have a barricade that protects 2/3 of the dripline or for a heritage	Section 30.255—Land Development Code, Article 8, Chapter 30	Anywhere on the property.

	tree (20") and above the entire dripline is protected.		
Building Inspections (Site)	Setting of the building; Accessible parking spaces and accessible route.	Section 110.3 FBC 2010 ed.	Entire site.
Building Inspections Foundations	Stem walls; Monolithic slab-on-grade; Piling/pile caps; Footers/grade beams	Section 110.3.1 FBC 2010 ed.	Entire Building
	In flood hazard areas, upon placement of the lowest floor, including basement, and prior to further vertical construction, the elevation certification shall be submitted to the authority having jurisdiction.	Section 110.3.1.1 FBC 2010 ed.	Entire Building
Building Inspections; Framing	To be made after the roof, all framing, fireblocking and bracing is in place, all concealing wiring, all pipes, chimneys, ducts and vents are complete and shall at a minimum include the following building components:	Section 110.3.2 FBC 2010 ed.	Entire Building
	Windows/door framing; Vertical cells/columns; Lintel/tie beams; Framing/trusses/bracing/connectors; Draft stopping/fire blocking; Curtain wall framing; Energy insulation; Accessibility; Verify rough opening dimensions are within tolerances.	Section 110.3.2 FBC 2010 ed.	Entire Building
Building Inspections; Sheathing	To be made either as part of a dry-in inspection or done separately at the request of the contractor after all roof and wall sheathing and fasteners are complete and shall at a minimum include the following building components:	Section 110.3.3 FBC 2010 ed.	Entire Building
	Roof sheathing; Wall sheathing; Sheathing fasteners; Roof/wall dry-in.		
Building Inspections; Roofing	Dry-in; Insulation; Roof coverings; Flashing	Section 110.3.4 FBC 2010 ed.	Entire Roof system
Building Inspections; Final	To be made after the building is complete and ready for occupancy.	Section 110.3.5 FBC 2010 ed.	Entire Building
	In flood hazard areas, as part of the final	Section 110.3.5.1 FBC 2010	Entire Building

	inspection, a final certification of the lowest floor elevation shall be submitted to the authority having jurisdiction.	ed.	
Building Inspections; Swimming pools	First inspection to be made after excavation and installation of reinforcing steel, bonding and main drain, and prior to placing concrete.	Section 110.3.6 FBC 2010 ed.	Entire pool
	Deck inspection and bonding of steel and any other metal parts.		
	Final inspection to be made when the swimming pool is complete and all required enclosure requirements are in place.		
	In order to to pass a final inspection and receive a certificate of completion, a residential swimming pool must meet the requirements relating to pool safety features as described in Section 424.2.17		
Building Inspections; Demolition	First inspection to be made after all utility connections have been disconnected and secured in such a manner that no unsafe or unsanitary conditions shall exist during or after demolition operations.	Section 110.3.7 FBC 2010 ed.	Entire structure
	Final inspection to be made after all demolition work is completed.		
Building Inspections Manufactured buildings	The building department shall inspect construction of foundations; Connecting buildings to foundations; Installation of parts identified on plans as site installed items, joining the modules. Including utility crossovers; Utility connections from building to utility lines on site; And any other work done on site which requires compliance with <i>The Florida Building Code</i> . Additional inspections may be required for public educational facilities (see Section 423.27.20)	Section 110.3.8 FBC 2010 ed.	Entire site for the building

Building Inspections Impact resistant construction.	Where impact resistant coverings or impact resistant systems are installed, the building official shall schedule adequate inspections of impact resistant coverings or impact resistant systems to determine the following:	Section 110.3.9 FBC 2010 ed.	Any impact system
	The system indicated on the plans was installed.		
	The system is installed in accordance with the manufacturer's installation instructions and the product approval.		
Electrical inspections	Underground inspections. To be made after trenches or ditches are excavated, conduit or cable installed, and before any backfill is put in place.	Section 110.3 Electrical 1	Specific job-site
	Rough-in inspection	Section 110.3 Electrical 2	
	To be made after the roof, framing fireblocking and bracing is in place and all soil, waste and vent piping is complete, and prior to this installation of wall or ceiling membranes.	Section 110.3 Electrical 2	
	Preliminary Power inspection	Department checklist	
	Final inspection to be made after the building is complete, all electrical fixtures are in place and properly connected and the structure is ready for occupancy.	Section 110.3 Electrical 3	
Plumbing Inspections	Underground inspection to be made after trenches or ditches are excavated, piping installed, and before any backfill is put in place.	Section 110.3 Plumbing 1	Specific job-site
	Rough-in inspection to be made after the roof, framing, fireblocking and bracing is in place and all soil, waste and vent piping is complete, and prior to this installation of wall or ceiling membranes.	Section 110.3 Plumbing 2	
	Final inspection to be made after the building is complete, all plumbing fixtures are in place and properly connected and the structure is ready	Section 110.3 Plumbing 3	Note: See Section P312 of the <i>Florida Building Code Plumbing</i> for required tests.

	for occupancy.		
Mechanical Inspections	Underground inspection to be made after trenches or ditches are excavated, underground duct and fuel piping installed, and before any backfill is put in place.	Section 110.3 Mechanical 1	Specific job-site
	Rough-in inspection to be made after the roof, framing, fireblocking and bracing is in place and all ducting, and other concealed components are complete, and prior to this installation of wall or ceiling membranes.	Section 110.3 Mechanical 2	
	Final inspection to be made after the building is complete, the mechanical system is in place and properly connected and the structure is ready for occupancy.	Section 110.3 Mechanical 3	
Gas Inspections	Rough piping inspection to be made after all new piping authorized by the permit has been installed, and before any such piping has been covered or concealed or any fixture or gas appliances have been connected.	Section 110.3 Gas 1	Specific job-site
	Final piping inspection to be made after all piping authorized by the permit has been installed and after all portions which are to be concealed by plastering or otherwise have been so concealed, and before any fixtures or gas appliances have been connected. This inspection shall include a pressure test.	Section 110.3 Gas 2	
	Final inspection to be made on all new gas work authorized by the permit and such portions of the existing systems as may be affected by new work or any changes, to ensure compliance with all the requirements of this code and to ensure that the installation and construction of the gas system is in accordance with revised plans.	Section 110.3 Gas 3	