

GAINESVILLE REGIONAL UTILITIES PLAN REVIEW APPLICATION



Proposed Development Name: _____
 Street Address or Detailed Location: _____
 Proposed Type of Development: _____

Project Meeting Date: _____ Approx. Construction Start Date: _____
Engineer of Record (EOR)

Name: _____
 Mailing Address: _____ Zip: _____
 Phone: _____ Fax: _____ E-Mail: _____

Project Manager

Name: _____
 Phone: _____ Fax: _____ E-Mail: _____

Owner/Developer

Name: _____
 Contact Person: _____
 Mailing Address: _____ Zip: _____
 Phone: _____ Fax: _____ E-Mail: _____

Plan Review Fee will be paid by:

Name: _____ E-Mail: _____ Phone: _____

GRU Business Partner or Account No. (If you don't have one please email businesscenter@gru.com)

BP or Account #: _____

Property Description

Tax Parcel Number(s)	Acreage
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PLAN REVIEW SUBMITTAL REQUIREMENTS:

PLANS WILL NOT BE ACCEPTED WITHOUT HAVING A PROJECT MEETING. FIVE (5) SETS OF PLANS MUST BE SUBMITTED TO THE CITY OF GAINESVILLE FOR GRU REVIEW WITH THIS APPLICATION. PLEASE ALSO INCLUDE (1) SET IN PDF FORMAT AND (1) SET AS AN AUTOCAD FILE. ALL SUBMITTALS MUST CONFORM TO GRU STANDARDS AND SPECIFICATIONS. I UNDERSTAND THAT IF ANY OF THE INFORMATION NECESSARY TO PROCESS THIS APPLICATION HAS NOT BEEN SUBMITTED, THE APPLICATION MAY NOT BE PROCESSED.

APPLICANT SIGNATURE: _____ **Date:** _____

PO Box 147117, Inter-Office Box A111, Gainesville, FL 32614-7117
 Phone 352.393.1413 ♦ Fax 352.334.3480♦

GRU Sufficiency Review Checklist

- All utility design plans shall include the information in the checklist below.
- The EOR shall provide the sheet number where the required information is found and GRU staff will verify within two (2) working days of permit application submittal.

<u>General</u>	(By GRU) Yes/No/Na	(By EOR) Initial	Sheet #
1. Is this the first review and W/WW plan review fee attached? (If yes, continue through all questions)	_____	_____	_____
2. Is this plan review 2 or greater? If yes, were all previous comments addressed?	_____	_____	_____
3. Did you coordinate with Electric Engineer or tech and provide a layout on plan? If yes name: _____	_____	_____	_____
4. Include contact information, Owners name, project name, address and phase(s)	_____	_____	_____
5. Clear and legible plans on 24" x 36" sheets	_____	_____	_____
6. GRU Energy Delivery Electric System Design reflecting proposed W/WW utility design. Note on cover page/plans as "Electric Design Provided by GRU Energy Delivery".	_____	_____	_____
7. ALL GRU standard utility notes must be shown on utility plans (see Section 1. III.C.21 of the GRU Water/Wastewater Design Standards)	_____	_____	_____
8. Project location map with North Arrow	_____	_____	_____
9. On utility master site plan show and label all existing & proposed utilities (note "end of GRU maintenance)	_____	_____	_____
10. Existing and proposed easements	_____	_____	_____
11. Right-of-way lines	_____	_____	_____
12. Parcels and/or lot numbers of site location and adjacent property	_____	_____	_____
13. Street names	_____	_____	_____
14. Proposed structures (i.e. buildings, walls fences, signs)	_____	_____	_____
15. Proposed subdivision plat, if project is a subdivision	_____	_____	_____
16. Signed & sealed boundary survey, including legal description and parcel number(s)	_____	_____	_____
17. Proposed off-site utility extensions to the point of availability, showing the affected offsite parcels/properties/proposed easements	_____	_____	_____
18. Landscape Plan reflecting all proposed Utility locations	_____	_____	_____
19. Building minimum finished floor elevations	_____	_____	_____
20. Building footprints (for commercial projects), labeled building setback lines and build-to lines, decorative masonry walls, fences, signs and landscaped buffer areas	_____	_____	_____
21. Utility Space Allocation cross sections for each different road section, alleys and PUEs including street and locations if roads or alleys are included in project	_____	_____	_____

(Compliance with Utility Separation table)

- 22. Identify lot numbers and street names in some fashion (names may change prior to permit issuance) _____

Water/Wastewater

- 1. Application by engineer that W/WW/RCW system design is in accordance with GRU Design Standards. (note: Final plans shows valid P.E. license and reads "Professional Engineer") _____
- 2. Potable and wastewater demand calculations _____
- 3. AutoCAD Drawing file of Water and Wastewater Utilities with pipe sizes, fittings, and valves clearly labeled (this file will be used by GRU Strategic Planning to model the proposed water system) _____
- 4. In all cases, signed and sealed NFPA 1 and ISO fire flow calculations See Appendix E of Water/Wastewater Standards for a copy of ISO 2008 _____
- 5. Copy of Development Master Plan including Phasing Schedule, unless plans include all potential future development _____
- 6. Show temporary construction water source with reduced pressure back flow preventer (RPBFP) _____
- 7. Indicate and label source of irrigation water if there is landscaping _____
- 8. If water/wastewater infrastructure is illegible on Master Plan, provide on multiple sheets _____
- 9. If WW service is provided, then plan and profile views are required for gravity sewer and force mains. All WW system plan and profile sheets at 1" = 30' max horizontal scale and 1" = 5' max vertical scale. (Exceptions accepted at GRU discretion) _____
- 10. All materials clearly labeled (pipe including diameter, material and slope, valves, fire hydrants, fire sprinkler lines, water meters, RPBFP, fittings, manholes including elevations, services, clean outs with top and invert elevations, sizes, types, slopes and associated appurtenances) _____
- 11. Show and label connections to existing utilities. Label existing facilities which cross or are adjacent to the property as well as elevations (manhole tops and inverts), pipe diameter and material of all existing W/WW, Electric, Gas, GruCom and Stormwater facilities which cross and/or are adjacent to the property _____
- 12. Existing and proposed site contours must be shown on utility plan _____
- 13. Master paving and drainage plan reflecting all stormwater facilities, retention or detention ponds with elevations (clearly indicate design high water level and 100 year flood elevations) _____
- 14. GRU Standard WW Pump Station design drawings for GRU O&M stations (Private O&M WW pump stations shall include signed and sealed design calculations, i.e. system) _____

head curve, pump curve/specs, If lift station is included in project)

Electric: Refer to ENERGY DELIVERY SERVICE GUIDE (EDSG)

- 1. All Proposed electric infrastructure shown to scale per EDSG _____
- 2. Proposed meter/service delivery point shown _____
- 3. If using GRU Rental Lights, GRU will provide conduit layout. Owner to provide photometric plan. (Note: provide copy of waiver application that is submitted to the City) _____
- 4. All electric equipment, cable/conduits must be contained within a PUE – coordinate with GRU Real Estate _____
- 5. Provide proper clearances around all electric structures and equipment as per EDSG _____
- 6. Provide required voltage (single phase or three phase)and any load information that you have. _____

Gas:

- 1. Gas shown on plans _____
- 2. Gas usage statement: include notes on items contractor will provide to mitigate aid in construction costs and whether there will be natural gas generator on-site. _____
- 3. Gas meter location _____
- 4. Acceptable service delivery point _____
- 5. Include gas department notification statements, one week for demolition services, 72 hours prior to casing installations, one week for gas main installations and 72 hours for meter set _____

GRUCom

- 1. Are you considering GRUCom services? _____