

APPLICATION FOR DEVELOPMENT PERMIT
WASTEWATER DISPOSAL SYSTEM
(WITH APPLICATION INFORMATION)

PART IV. ATTACHMENTS CHECKLIST:

The information and attachments requested as part of this application are the minimum necessary to determine compliance with the requirements of The Sanibel Plan and the Land Development Code (LDC). The City may require additional information, at any time during the application process, to determine compliance with the requirements of the Sanibel Plan and the LDC. Provide three copies of all surveys and plans. For a complete explanation of each item, refer to the Planning Department handout entitled "Instructions for Permits and Other Applications of the Sanibel Land Development Code".

- _____ DEED (COPY) OR LEE COUNTY OWNER OF RECORD
- _____ OWNER'S AUTHORIZATION (Certified Form Available in the Planning Department)
- _____ OTHER AGENCY PERMITS (Certified Statement - Required Permits - Copy of Applications/Permits)
- _____ SURVEY (1"=20', With Raised Seal And Signature Of Florida Registered Surveyor Or Engineer)
- _____ LOCATION MAP
- _____ CONSTRUCTION DRAWINGS (Plan View and Cross-Section)
- _____ WASTEWATER FLOW CALCULATIONS
- _____ SOIL PROFILE (NOT REQUIRED FOR SEWER CONNECTION)
- _____ PERCOLATION TEST (NOT REQUIRED FOR SEWER CONNECTION)
- _____ VEGETATION PLAN
- _____ WILDLIFE HABITAT IDENTIFICATION AND PLAN FOR PRESERVATION
- _____ VERIFY GOPHER TORTOISES ARE PROTECTED ON SITE OR HAVE BEEN REMOVED

ADDITIONAL INFORMATION REQUIRED FOR SEWER SYSTEM CONNECTION:

- _____ SERVICE AVAILABILITY AGREEMENT-PAYMENT OF NEW CONNECTION AND/OR RESERVE CAPACITY FEES
- _____ LEGAL DOCUMENTS GRANTING EASEMENTS AND/OR RIGHTS-OF-WAY, IF NECESSARY TO PROVIDE SEWER SERVICE TO SITE
- _____ OTHER INFORMATION REQUIRED TO DEMONSTRATE COMPLIANCE WITH CHAPTERS 64E-6 OF THE FLORIDA ADMINISTRATIVE CODE AND/OR LAND DEVELOPMENT CODE CHAPTER 118 UTILITIES, DIVISION 3 WASTEWATER DISPOSAL SYSTEM: _____

***** **CERTIFICATION** *****

I hereby certify that the information contained in this application and the attachments hereto are true and correct to the best of my knowledge and belief. Furthermore, I acknowledge that the City has the right to inspect the subject property in conjunction with this development permit application. (Please advise the City of any restrictions or limitations on the inspections.)

SIGNATURE OF OWNER / OWNER'S AUTHORIZED REPRESENTATIVE

DATE

NOTE TO OWNER/APPLICANT: The proposed development may be subject to private deed restrictions or covenants. It is the applicant's responsibility to verify with the appropriate property owners association whether the proposed development complies with the applicable deed restrictions or covenants. **The City does not enforce deed restrictions or act as an arbitrator between the applicant and the association.**

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INSTRUCTIONS FOR PERMITS AND OTHER APPLICATIONS OF THE SANIBEL LAND DEVELOPMENT CODE

WASTEWATER DISPOSAL SYSTEMS

_____ **DEED** A copy of the owner's deed to the property included within this application as recorded in public records, and if the applicant is not the owner of record, a certified authorization from all owners of record to the applicant to apply for permits

_____ **OWNER'S AUTHORIZATION** If someone other than the owner will serve as the applicant in connection with the permitting process, a certified statement which authorizes that person to represent the owner and to bind the owner (Form available in the Planning Department)

_____ **OTHER AGENCY PERMITS** A certified statement by the applicant setting forth all other permits that are required by any other governmental agencies in connection with the proposed development. If no other permits are required, the statement shall clearly indicate none are required. If any other such permits are required, the applicant shall submit, along with the application, a copy of the application submitted, for each other required permit or, if available, a copy of the permit received.

_____ **CURRENT SURVEY** A signed and sealed survey of the property prepared by a Florida registered land surveyor or, when the city manager determines that a survey is not appropriate or necessary, a plan view drawing at a scale of 1" = 20', which shall include the size of the property and clearly indicate:

- The existing (if applicable) and proposed location and size of the wastewater facility, including its absorption area and absorption field, and evaporation/percolation ponds, as appropriate; property lines; rights-of-way adjoining the property; established easements on or adjoining the property; existing and proposed structures, impermeable surfaces, and other developed areas and obstructed land; open bodies of water within 200 FT of the wastewater facility, whether on or off the subject property (note distance and direction to the water body and identify it); the location of any well within 200 FT of the wastewater facility, including depth of well and its purpose; potable water supply pipelines; unobstructed area; and vegetation within the unobstructed area that is to remain after completion of the wastewater facility, which vegetation must be identified as to location, species, and size.
- Ground water level (or water table elevation)
- Existing ground surface contours at one-foot intervals (reference to NAVD of 1988), and slopes, showing their direction and grade on the site as it is developed or proposed to be developed and identifying areas proposed to be filled.
- Any proposed or existing drainage features affecting the property describe in the application, including those on adjacent areas and properties.

_____ **LOCATION MAP** A location plan indicating the relation of the development site to streets and well-known landmarks, existing zoning district(s) of the development site, and zoning districts within 200 FT of the development site.

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_____ **CONSTRUCTION DRAWINGS** Provide a minimum of 3 copies of construction drawings, including a plan view and cross sections of all tanks, equipment, evaporation/percolation ponds, and absorption fields, in sufficient detail and drawn to scale to clearly demonstrate compliance with all applicable standards of the Land Development Code and Chapter 64E-6, of the Florida Administrative Code. Descriptive notes and specifications shall be included on the construction drawings in sufficient detail to fully describe what is proposed. The cross section view of the absorption field or evaporation/percolation pond shall include the following items referenced to both predeveloped land surface and elevation in relation to mean sea level, NGVD of 1929.

- Ground water level
- Top and bottom of stone or gravel in drainfield bed or trench
- Bottom of piping used to distribute effluent in drainfield
- Top of soil covering over drainfield
- Bottom of evaporation/percolation pond

AND

- Finished grade at toe of slope for a mounded system

_____ **FLOOR PLAN** For dwelling units, a floor plan showing and identifying all rooms and the heated/cooled area for each dwelling unit. For nonresidential developments, a floor plan showing the square footage, partitions, room separations, and any other features necessary to determine estimated sewage flows.

_____ **WASTEWATER FLOW CALCULATIONS** A description of the existing proposed development on the property and its existing or anticipated wastewater characteristics. Description shall include average, low, and peak daily flows and the strength of the influent wastewater, in terms of the BOD and suspended solids, as applicable.

_____ **SOIL PROFILE** At least one soil profile delineating soil characteristics within the area of the proposed drainfield or evaporation/percolation pond, to a minimum depth of 6 feet in accordance with USDA soil classification methodology. Where variable soil conditions are encountered, a soil profile at the beginning, middle, and end of the proposed drainfield or evaporation/percolation pond site shall be provided. The city manager may require more than one soil profile where marginal soils or location problems are anticipated. Soil profiles to a depth greater than 6 feet may be required in locations where soil conditions below a depth of 6 feet are anticipated to impair the proper functioning of the wastewater facility.

_____ **PERCOLATION TEST** Percolation rate, expressed in minutes per inch, as determined by methods approved in Chapter 64E-6 of the Florida Administrative Code, if applicable.

_____ **SITE INVESTIGATION AND TEST REPORTS** Necessary site investigation and test reports, which investigations and test shall be performed at the expense of the applicant by either an engineer with soil training who is registered in the State of Florida pursuant to Chapter 471, Florida Statutes, or some other qualified person with soil training.

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_____ **VEGETATION PLAN** (2 copies) A vegetation plan, demonstrating compliance with the Land Development Code, including vegetation that the site has been prepared for vegetation inspection in accordance with the City's adopted vegetation standards. The vegetation plan shall generally describe all vegetation within the area to be disturbed by the proposed development, and shall:

- a) Include an inventory of all native vegetation or native plants, as defined in this code, (number and species) within the area to be disturbed, native vegetation or native plants, as defined in this code, outside areas to be disturbed must be preserved in place;
- b) Locate and identify on a site plan all native vegetation or native plants, as defined in this code, within the area to be disturbed that is either 2 inches or greater in diameter at any point more than 2 feet above ground level or 6 feet or more in height, locate and identify all native shrub-like plants (such as wild olive, wild coffee, white indigo berry, fern, etc.) that are more than 2 feet in height, and locate and identify any threatened or endangered species listed by the Florida Game and Freshwater Fish Commission, regardless of size;
- c) Provide a description of native trees within the area to be disturbed that are 2 feet or more in height, by species, estimated number and general location;
- d) Describe the proposed treatment of the native vegetation or native plants, as defined in this code, within the area to be disturbed, i.e. transplant on- or off- site or destroy.
- e) State whether there exists upon the parcel any Brazilian pepper, Melaleuca, Earleaf Acacia, Lead tree, Java Plum, Air Potato, Exotic Inkberry, or Mother-in-Law's Tongue/Bowstring Hemp. If so, the vegetation plan shall include a plan for removal of such exotics, and for keeping the parcel permanently free of such exotics. The developer may omit from such a plan provisions for exotic removal and maintenance on any portions of a parcel which are donated to a bona fide organization dedicated to conservation, and which has a management plan for exotic removal; or to the city.

_____ **WILDLIFE PLAN** Identification and location of wildlife habitats of gopher tortoises, eastern indigo snakes, eagles, ospreys, loggerhead turtles, alligators, pileated woodpeckers, and river otters on the lot or parcel to be developed, to be verified through a field inspection by the City. In the case of the development of a single-family dwelling, the City, upon request of the owner, shall conduct the field inspection;

AND

A plan to preserve a portion of any existing indigenous wildlife habitat or to provide evidence of additional sanctuary area on or off the property to mitigate unavoidable destruction. Such plan, sanctuary, or mitigation is to be at the applicant's expense

AND

Verification that gopher tortoises have been protected on the site or have been removed from the proposed area of construction by a city authorized handler according to a plan approved by the City.

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ADDITIONAL INFORMATION REQUIRED FOR SANIBEL SEWER SYSTEM CONNECTIONS:

_____ **SERVICE AVAILABILITY AGREEMENT** For new connections to the Sanibel Sewer System provide a fully-executed Service Availability Agreement approving and certifying that the utility has adequate transmission, treatment, and effluent disposal capacity for the proposed connection. The applicant may also be required to provide written verification that reserve capacity fees have been paid. Contact the City of Sanibel Utilities Director (472-6397) to obtain this information.

_____ **EASEMENTS AND RIGHTS-OF-WAY** As a prerequisite to the construction of any facilities proposed to be connected to the Sanibel Sewer System, the applicant shall agree to grant such easements or rights-of-way corresponding with the installation of the proposed facilities. Such grant or conveyance documents shall be provided by the applicant in a form satisfactory to the City. Following City approval of the proposed document, the applicant shall record the document in the public records of Lee County and provide a recorded copy to the City.

_____ **OTHER INFORMATION** Such other information as may be required to fulfill permit application requirements or demonstrate compliance with Florida Administrative Code Chapter 64E-6 as well as the Land Development Code.