



Residential Wind Turbine Application Packet



Included in this packet:

Building Permit Application

Contractor Information

General Contractor / Owners Affidavit

Trade Affidavit

Zoning Wind Turbine Application

Example Site Plan

Wind Turbine Submittal Checklist

- Building & Inspection Application Property and Applicant Information Complete. Accessory Structure Section of Page 2 Completed. The Contrator Page stating who will install (i.e. Builder) and also the electrician information. General Contrator information for all projects \$30,000 and over or owner's affidavit
- Trade Affidavit - Must be received prior to first Inspection.
- Zoning Wind Turbine Permit Application
- A letter from Dominion Power acknowledging application for resale of power.
- Schematics for meters to be installed (2 sets and 3 sets respectively).
- NC engineered foundation plans. (2 sets and 3 sets respectively)
- Site Plan
- Copy of Recorded Occupied Buildings Wavier (if applicable)
- Septic Approval
- Wind Turbine Plans (2 sets and 3 sets respectively)
- Special Use Permit (SUP) Total height including blade length can **NOT** exceed 120' if this measurement is 120' or greater a SUP must accompany the permit application.
- Review fee: \$25.00 Cash or Check made payable to Currituck County.

Mainland Permits:

Currituck County Historic Courthouse
153 Courthouse Rd Room 117
Post Office Box 70
Currituck, NC 27929
252-232-3378

Mainland Planning & Zoning Office

252-232-3055

Mainland CAMA

252-232-3055

Corolla Permits:

Currituck County
1123 Ocean Trail
Post Office Box 73
Corolla, NC 27927
252-453-8555

Corolla Planning & Zoning Office

252-453-8555

Corolla CAMA

252-453-8555

Environmental Health (Septic) 252-232-6603

CURRITUCK COUNTY BUILDING PERMIT APPLICATION

Date Received _____
Applicant _____ Applicant e-mail _____
Applicant Phone _____ Cell _____
Property Owner _____
Owner's Mailing Address _____
Site Location _____
Sub-division _____ Tax Parcel ID _____
Directions to site _____

PLEASE COMPLETE ONLY THE SECTION(S) THAT APPLY TO YOUR PROJECT

NEW DWELLING

Estimated Total Cost of Project \$ _____

Single Family Dwelling # of Stories _____ Multi-Family Dwelling _____ Town Home _____

Mobile Home (single, double, or triplewide) Year _____ Modular (on or off frame) Year _____

Serial # _____ Dimensions (width) _____ (length) _____

of Bedrooms _____ # of Baths _____ Elevator Hydraulic / Electric

Decks & Porches (front, rear, open, covered) Dimensions _____

Decks & Porches (front, rear, open, covered) Dimension _____

Garage (Y / N) Attached (Y / N) Room Over Garage (Y / N) ROG Sq Ft _____

Heat Type _____ A/C (Y / N) Type _____ Fireplace (Y / N) Type _____

Accessory Structure (garage, shed, carport, gazebo) Dimensions _____ Hot Tub (Y / N)

Pool Type (above/in-ground) Dimensions _____ Pool Decking (concrete, wood) Sq Ft _____

Description of Work (attach detailed scope of work, if necessary) _____

UTILITY INFORMATION

Septic: New _____ or Existing _____

Permit # _____ or

Approval Letter (issued by _____ date _____)

Water Type:

County: New _____ or Existing _____

Well: New _____ or Existing _____ Well Permit # _____ or

Approval Letter (issued by _____ date _____)

CAMA Permit # _____ (if required)

Square Footage – Please complete

Heated Living _____ (SF)

Garage _____ (SF)

ROG _____ (SF)

Porch _____ (SF)

Deck _____ (SF)

Misc. _____ (SF)

TOTAL (SF)

ACCESSORY STRUCTURE(S)

Complete this section if you are building a:

Estimated Cost \$ _____

Garage (Dimensions) _____ Shed _____ Dimensions _____

Carport (metal, wood) Dimensions _____ Gazebo (Dimensions) _____

Bulkhead _____ Pier _____ Boat House/Boatlift _____ CAMA Permit # _____

Description of Work _____

POOL & HOT TUB

Complete this section if you are installing a:

Estimated Cost \$ _____

Pool (In or Above Ground) Dimensions _____

Pool Decking (Concrete or Wood) Sq Ft _____

Hot Tub (on existing slab or wood deck) (on new slab or wood deck) Dimensions _____

Description of Work _____

ADDITION

Complete this section if you are building an:

Estimated Cost \$ _____

Addition (Dimensions) _____ Addition will include: # of new Bedrooms _____

of new Bathrooms _____ How will you heat this new area? _____

Deck or Porch (Front, Rear, Open, Covered) (Dimensions) _____

Description of Work _____

ALTERATION

Complete this section if you are altering existing:

Estimated Cost \$ _____

Existing square footage (description of work) _____

Electric (description of work) _____

Gas (description of work) _____

Insulation (description of work) _____

Mechanical (description of work) _____

Plumbing (description of work) _____

By signing this application, I hereby affirm that all information is true and accurate to the best of my knowledge.

Signature _____ Date _____

CONTRACTOR INFORMATION

This section **shall** be complete at time of submission.

Building Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Electrical Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Gas Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Insulation Contractor (Name) _____ License # Not Required

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Mechanical Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Plumbing Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Set Up Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Moving Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Elevator Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

Pool / Hot Tub Contractor (Name) _____ License # _____

(Address) _____ Phone # _____

(Address) _____ Contact Name _____

By signing this application, I hereby affirm that all information is true and accurate to the best of my knowledge.

Signature _____ Date _____

Scheduling Inspections

According to the North Carolina State Building Code, Volume VII Section 112, it is the responsibility of the permit holder or his agent to call for inspections. GS 153 A – 363 states that it is a class 1 misdemeanor to occupy any portion of a building that has not had a final inspection. This includes, but is not limited to, the use of HVAC systems, electrical work, pools, hot tubs, decks, sun rooms, et cetera.

In the past, our staff has had to pursue contractors and home owners in order to schedule final inspections. This will no longer be the policy of this department. If you pull the permit, it will be your responsibility to call for the required inspections, as well as the final inspection.

CONTRACTORS, DO NOT ASK THE HOME OWNER TO SET UP THIS INSPECTION.

IT IS YOUR RESPONSIBILITY. If the contractor does not call for the final inspection, the appropriate licensing board will be notified.

I have read and understand the statement above and by signing below agree to comply.

Signature _____ Date _____

Solid Waste Disposal

I, the undersigned, hereby state that I have been made aware of the Currituck County Solid Waste Ordinance and the North Carolina Air Quality Regulations (in regards to open burning), Have been given notice regarding construction and demolition waste disposal. I agree that Construction and or demolition waste will not be disposed of in violation of the County Ordinance And North Carolina Air Quality Regulations, such as at road side and private property or Commercial dumpster sites, and that it will not be burned. I understand and agree that amounts over five hundred (500) pounds and all commercially generated debris must be disposed of at the Currituck County Transfer Station located in Maple, North Carolina on Airport Road.

I am aware that violation of the solid waste ordinance is punishable by a fine of up to (\$500.00) FIVE HUNDRED DOLLARS per day, and or imprisonment for up to (30) THIRTY days. A violation of the North Carolina Air Quality Regulations is punishable by a fine of up to (\$10,000) TEN THOUSAND DOLLARS. I am aware that Currituck County will strictly enforce the Solid Waste Ordinance and Air Quality Regulation.

Signature _____ Date _____

Currituck County

Statement of Fact by Owner / Applicant

I understand that I am signing this document under oath. I certify that I am making a truthful statement of fact.

1. I have entered into a construction contract where the cost of the undertaking exceeds \$30,000; *EXCEPT WHEN THIS FORM IS USED SOLELY FOR AN OWNER INSTALLING ELECTRICAL, MECHANICAL OR PLUMBING WHEN PERMITTED UNDER NORTH CAROLINA STATE CODE.*
2. I certify that I am not allowing an unlicensed General Contractor to perform the duties of a General Contractor, which, I understand, includes construction superintending and managing in addition to among other things, signing written contracts.
3. I understand that I alone shall act as the General Contractor for all phases of construction. In addition, I understand that I must schedule every inspection.
4. I will comply with all provisions of the North Carolina Building Codes and the Currituck County Unified Development Ordinance pertinent to the building.
5. I intend to retain the finished project exclusively for my own use.
6. I am not building a "speculation" project with the intention of selling the project once it is completed. I understand that building a "spec" project without proper licensure is violation of G.S. 87-1 & G.S. 87 – 13; this may be a criminal offense.
7. I will occupy the property for at least one year following completion of construction.
8. I understand G.S. Section 87 -15.5, the "HOMEOWNERS RECOVERY FUND", no homeowner acting as a General Contractor has any right of recovery.
9. I certify either that I am not required by law to carry such coverage or that I will agree to submit certificates of insurance coverage upon demand by the Director of Inspections. I understand that I am responsible for ascertaining whether I am obligated by law to obtain workers' compensation insurance and to assure that our insurance coverage is adequate; I have made all reasonable inquires of the appropriate authorities and, or sought private legal counsel to assure that I am providing all workers compensation coverage required by law.
10. I shall comply with all county, state & federal laws in regard to social security, workers' compensation, privilege license & all other requirements where applicable.
11. I will contract with North Carolina licensed and bonded electrical, plumbing and mechanical contractors for the project or:

_____ I will do my own electrical work unless otherwise noted.

_____ I will do my own plumbing work unless otherwise noted.

_____ I will do my own mechanical work unless otherwise noted.

Signature of Owner _____ Date _____

Project Information:

Property Owner: _____

Location of Job _____

Currituck County

General Contractor Certification as to Status of Licensure

I understand that I am signing this document under oath; I certify that I am making a truthful statement. I have read G.S. Sections 87.1 & 87.14 as amended 07/06/1992. I have entered into a construction contract where the cost of the undertaking meets or exceeds \$30,000.00; the contract, whether written or oral, is in the exact name as listed with the North Carolina Licensing Board for General Contractors. I am not in a partnership (including any "joint venture" {unless in compliance with 21 N.C.A.C.12, 0207}) with any unlicensed entity. I certify that I am presently licensed under the name of _____ and under license number _____. My license is active and in good standing. I have filed all necessary renewal forms with the North Carolina Licensing Board of General Contractors. I am not presently under any disciplinary order issued by the North Carolina Licensing Board for General Contractors which disqualifies me for a building permit.

I certify to this Building Inspections Department that I have paid License tax(es) as required by the N.C. Department of Revenue; I have in effect all required workers' compensation insurance coverage. I agree to submit certificates of insurance coverage upon request of the Director of Inspections. I understand that I am responsible for ascertaining whether I am obligated by law to obtain workers' compensation insurance & to assure that our insurance coverage is adequate; I have made all reasonable inquiries of the appropriate authorities and, or sought private legal counsel to assure that I am providing all workers' compensation coverage required by law.

I understand that a licensed General Contractor must pay a \$10.00 fee upon applying for a residential permit pursuant to G.S. 87.15.5 "Homeowner's Recovery Fund" Act of North Carolina, \$9.00 of which the permitting official shall forward to the North Carolina Licensing Board for General Contractors.

I understand that the unlicensed practice of General Contracting is a criminal offense under G.S. Section 87.13 & that I may be sued by the North Carolina Licensing Board for General Contractors for an injunction if I practice without a license as required by law. I also understand that, under North Carolina case law, an unlicensed practitioner may be barred from recovery of any civil damages if the job owner refuses to pay me.

I have been informed that any authority issuing a building permit to an unlicensed contractor where a license is required may be found guilty of a misdemeanor and I certify that this Department may rely on my statement as a truthful statement regarding the status of my license.

Signature of General Contractor _____ Date _____

Contractor Information:

General Contractor _____
Business Name _____
Business Address _____

Business Phone _____

Project Information:

Property Owner _____
Location of Job _____
Contract Cost _____

MAINLAND OFFICE

153 Courthouse Road
P.O. Box 70
Currituck, NC 27929
Phone: 252-232-3378
Fax: 252-232-3470



OUTER BANKS OFFICE

1123 Ocean Trail
P.O. Box 73
Corolla, NC 27927
Phone: 252-453-8555
Fax: 252-453-8300

CURRITUCK COUNTY INSPECTION DIVISION
Trade Affidavit

- **Please complete all information below**
- **Submit signed affidavit at permit application OR prior to first inspection of trade work**
- **Please fax or bring to permit office(s) noted above**

Electrical Gas Mechanical Plumbing

Contractor Information

Business Name: _____
 Name of Trade Contractor: _____
 Business Address: _____

 Business Phone: () _____

License Information

NC State License #: _____
 License Classification: _____
 License Expiration Date: _____

Project Information

Property Owner: _____
 Job Location: _____
 Unit #: _____
 Building Permit #: _____
 Estimated Job Cost: \$ _____

I hereby affirm or swear that I am licensed and qualified to assume all responsibility and liability as a contractor on this project. **If I resign or am no longer affiliated with this project, I will notify the local permit office immediately by phone or in person AND in writing within three (3) working days.**

Signature _____ Date _____

EXAMPLE

RESIDENTIAL SITE PLAN

(New Construction and where CAMA Permit is Required)

A residential site plan should be drawn, as true to scale as possible; professional surveys are not required, unless the lot is 20,000 square feet or smaller (Per Chapter 11 of the Unified Development Ordinance.) Contact the Planning Department for additional information on site plan requirements.

The site plan must include the following information:

1. lot/parcel dimensions;
2. location of existing physical features (roads, streets, navigable waterways);
3. location and dimensions of the proposed construction and all existing structures;
4. setback measurements to all property lines (to be shown from existing structures and proposed structures);
5. driveway location, dimension and surface material;
6. septic tank and well location(s)

SETBACKS:

20' - front property line*
15' - side property line**
25' - rear property line

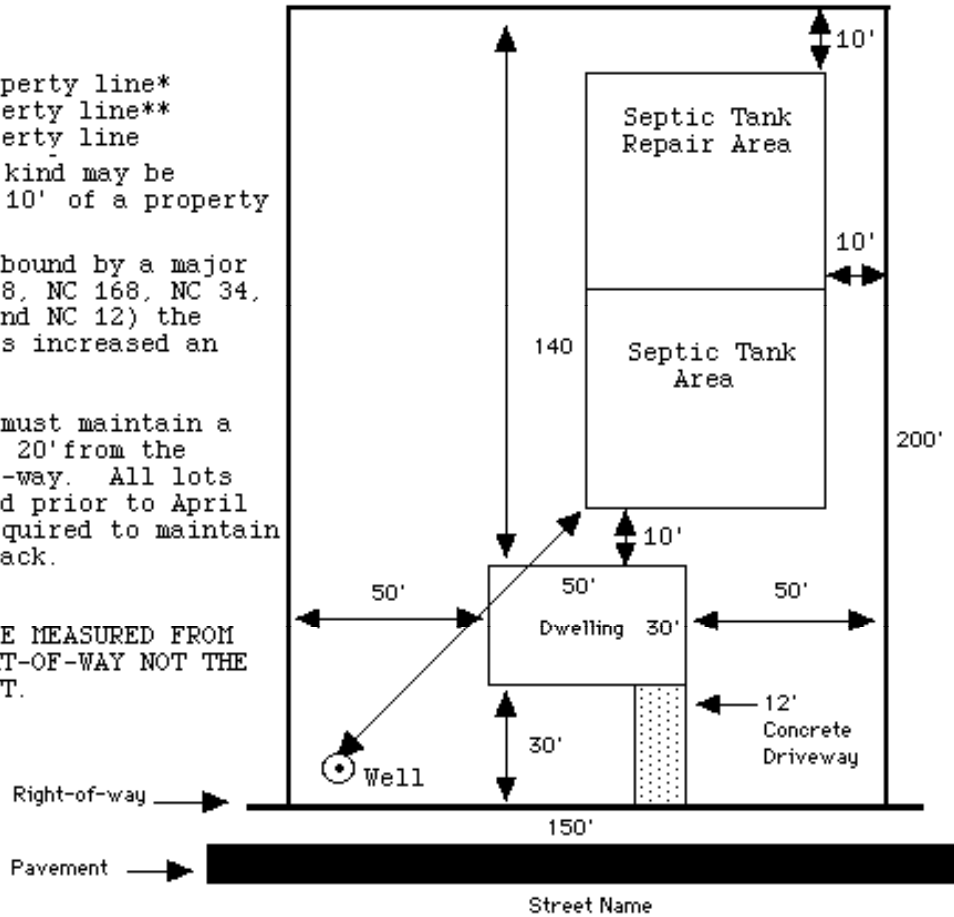
No fill of any kind may be located within 10' of a property line

*If the lot is bound by a major arterial (US 158, NC 168, NC 34, NC 3, NC 615, and NC 12) the front setback is increased an additional 30'.

**A corner lot must maintain a side setback of 20' from the street right-of-way. All lots legally recorded prior to April 2, 1989, are required to maintain a 10' side setback.

ALL SETBACKS ARE MEASURED FROM THE STREET RIGHT-OF-WAY NOT THE EDGE OF PAVEMENT.

SCALE 1" = 40'



NOTE: SEE REVERSE SIDE FOR ADDITIONAL SETBACKS

SUBMITTAL CHECKLIST REQUIREMENTS:

- The following dimensional requirements shall apply to the installation of wind turbines and/or wind energy facilities:

Wind Energy Facility Type	Minimum Lot Size	Minimum Setback Requirements ¹					Maximum Height from grade
		Occupied Buildings (Subject Property) ²	Occupied Buildings (Adjacent Property) ^{2 3}	Property Lines ²	Public/Private Right-of-Way ²	HWY 158, HWY 168, and NC 12 ²	
Small System	20,000 sq. ft.	0.0	1.5	1.0	1.5	2.5	120 ft.
Large System	5 Acres	1.0	2.0	1.0	1.5	2.5	250 ft.
Utility Scale	25 Acres	1.5	2.5	1.5	1.5	2.5	500 ft.

¹ Measured from the center of the wind turbine base to the property line, right-of-way, or nearest point on the foundation of an occupied building.

² Calculated by multiplying the required setback number by the wind turbine height.

³ This setback proposes to reduce noise and shadow flicker impacts to any previously existing occupied buildings on adjacent properties.

- A site plan showing the planned location of each wind turbine, property lines, setback lines, access road and turnout locations, substation, ancillary equipment, building, and structures, including permanent meteorological towers, associated transmission lines, and location of all structures and properties within the geographical boundaries of any applicable setback.
- If the facility will transfer power back to a power service provider please include the following:
 - The electrical cabling from the wind energy facility to the substation indicated on the site plan.
 - Signed and approved copies of any negotiated power purchase agreement and the utility company's approved schematics.
- Decommissioning plans that describe the anticipated life of the wind power project, the estimated decommissioning costs in current dollars, the method for ensuring that funds will be available for decommissioning and restoration, and the anticipated manner in which the wind power project will be decommissioned and the site restored.
- Signature of the property owner and the facility owner/operator of the wind energy facility.
- Evidence of compliance with applicable Federal Aviation Administration regulations.
- An Environmental Impact Study (EIS) for utility scale wind energy facilities, which shall include review and comments from applicable state and federal agencies, including, but not limited to, NC Department of Environment and Natural Resources, US Army Corps of Engineers, US Fish and Wildlife Service, and the NC Wildlife Resources Commission;
- Any relevant studies, reports, certifications and approvals as may be reasonably requested by Currituck County to ensure compliance with the ordinance.