

BUILDING PERMIT

**DEVELOPMENT SERVICES – BUILDING DIVISION
Williams County, North Dakota**

Permit # 3791

On lot —, Block —, Addition —

Section —, Township 158N 95W (Lindahl)

Street Address SEE Attached Site Map For turbine IDs

On this 26 day of April 20 16

AMEC Foster Wheeler Kamtech, Inc. #54945 for Lindahl Wind Project, LLC.
Contractor Owner

1779 Lakeside Parkway, Suite 400 Tucker, GA 30084 One Tech Drive, Suite 220 Andover, MA 01810
Address Address
Erect Remodel

Use permitted 75 wind turbines

* Conditional Permit: Highway Department Approval Required; Water Board Approval Required

This permit is issued on the express condition that the Plans and Specifications shall conform in all respects to the statements certified to in the application for such permit and that all work shall be done in accordance with the ordinances of Williams County, North Dakota pertaining to the construction & remodeling.

Federal law may require this construction project to conform with the Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities.

Nate Brande
Contractor/Owner

Carly W. [Signature]
Building Division

Call 701-577-4576 for Inspections.

Building Permit Fees Nonrefundable.

This permit was reviewed and approved by the Building Official according to local jurisdiction ordinances, zoning ordinances and building codes. The owner is hereby notified that private covenants and encumbrances may exist on said property. It is the responsibility of the owner to follow these covenants and encumbrances. The property owner is responsible for having all existing utility lines located on said property before ground breaking begins.

The County cannot be held responsible for property location. If property lines have to be located, it will be necessary to hire a licensed land surveyor at owner's expense. Unless construction is started within six months, this Permit is void. It must then be renewed or replaced at office of building inspector.

Approval is not to be construed as an assumption of any legal responsibility for the design or construction of the dwelling or building component.

D Permit # 3791 E

VESTAS V100 - 2.0MW Mk 7H WIND TURBINE TUBULAR TOWER

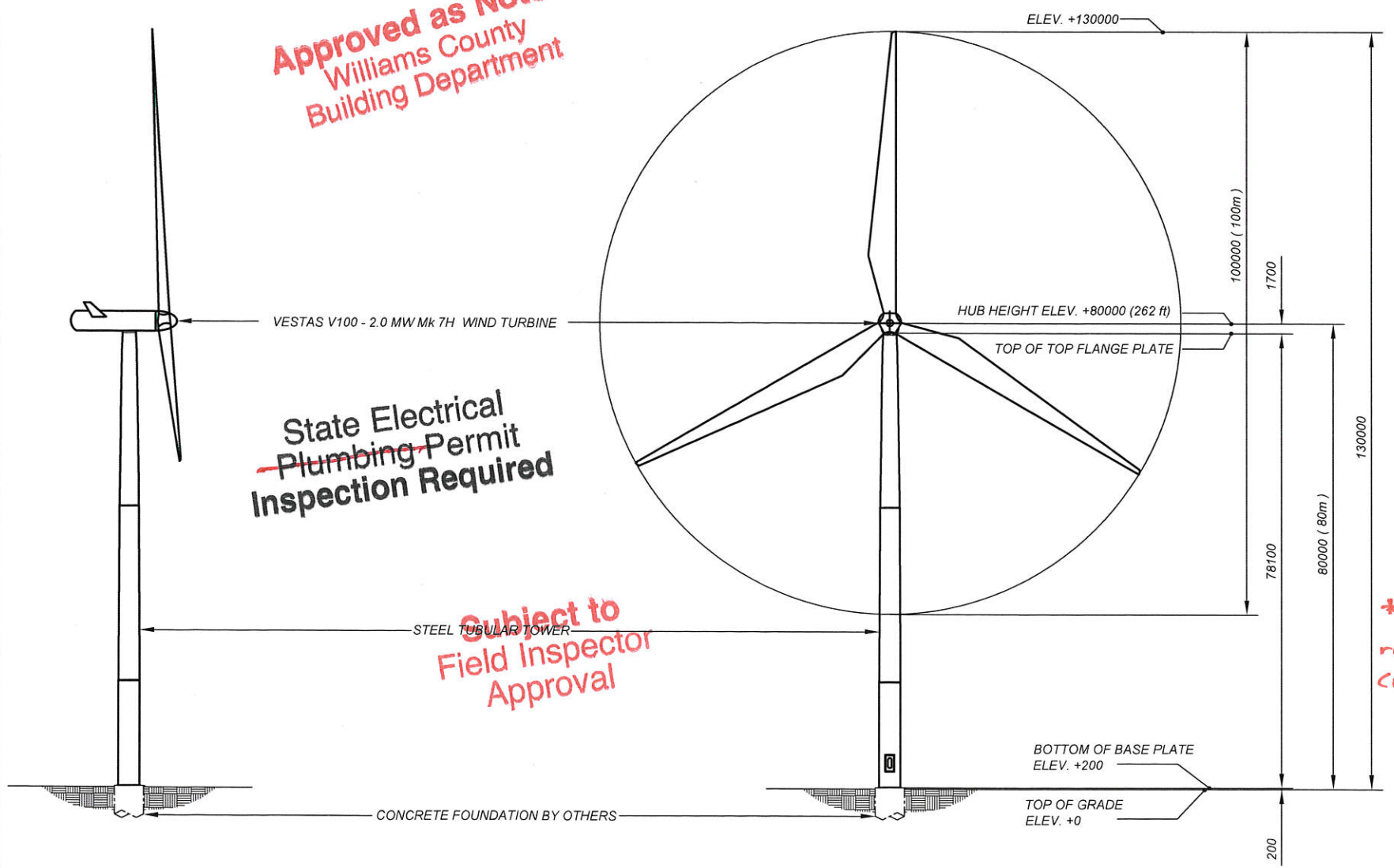
HH80M (IEC S) - T2X103-0043-5737_V00 3 SECTION
(a.k.a.-0037-5015_V01)

Log # 1796

Approved as Noted
Williams County
Building Department

State Electrical
~~Plumbing Permit~~
Inspection Required

Subject to
Field Inspector
Approval



ELEVATION

1 = 1000

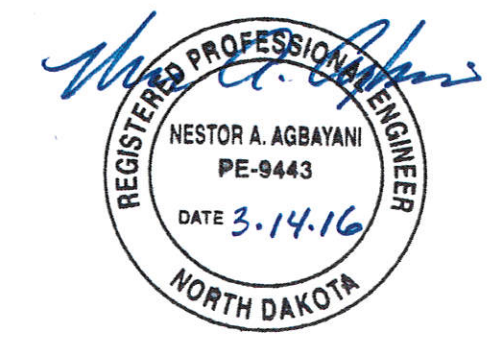
SHEET INDEX		
NO.	TITLE	
1	S0.0	TITLE SHEET
GENERAL NOTES		
2	S1.0	GENERAL NOTES
3	S1.1	GENERAL NOTES
TOWER STRUCTURAL DETAILS		
4	S3.0	TOWER ELEVATION, SECTIONS AND DETAILS
5	S3.1	TOWER SECTION AND DETAILS
6	S3.4	TOWER SECTIONS AND DETAILS
7	S4.0	TOWER SECTIONS AND DETAILS
8	S4.1	TOWER STANDARD DETAILS
9	S5.0	DENT TOLERANCES

APPROXIMATE WEIGHTS		
WIND TURBINE WEIGHTS (VERIFY WITH MANUFACTURER)		
NACELLE	70000 kg	154300 lbs
ROTOR	41700 kg	91900 lbs
TOTAL	111700 kg	246200 lbs
TOWER WEIGHTS (INCLUDING INTERNALS)		
TOP SECTION	34900 kg	76900 lbs
MIDDLE SECTION	51500 kg	113500 lbs
BOTTOM SECTION	49100 kg	108200 lbs
TOTAL	135500 kg	298600 lbs
TOWER AND TURBINE SYSTEM WEIGHT		
TOTAL	247200 kg	544800 lbs
NOTE: TOWER WEIGHTS ABOVE INCLUDE AN ESTIMATED WEIGHT FOR TOWER MISC. INTERNAL COMPONENTS.		

*Special inspections required & all reports shall be submitted to Williams County per the 2012 IBC Chapter 17
→ see sheet S1.1

LINDAHL WIND ENERGY PROJECT
NEAR MCGREGOR, WILLIAMS COUNTY, NORTH DAKOTA
9 x HH80M-T2X103 TOWERS
VESTAS-AMERICAN WIND TECHNOLOGY
1417 NW EVERETT STREET PORTLAND, OREGON 97209
TEL: (503) - 327 - 2000
FAX: (503) - 327 - 2001

Digitally signed by Nestor A. Agbayani
DN: cn=Nestor A. Agbayani, o=Agbayani Structural Engineering, ou=Structural Engineering, email=nagbayani@sbcglobal.net, c=US
Reason: I am the author of this document
Location: Bakersfield, CA
Date: 2016.03.14 16:49:51 -0700



STATEMENT PER NDAC TITLE 28, SEC. 28-02.1-08-03(9):
THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY NESTOR A. AGBAYANI, REGISTRATION NUMBER PE-9443 ON MARCH 14, 2016, AND THE ORIGINAL DOCUMENTS ARE STORED AT AGBAYANI STRUCTURAL ENGINEERING IN BAKERSFIELD, CA.

ONE (1) INCH LONG AT 11X17 PAPER FORMAT - OTHERWISE ADJUST SCALE

- THIS IS A DESIGN DRAWING FOR PERMIT PURPOSES ONLY. THIS IS NOT A SHOP, FABRICATION OR ERECTION DRAWING.
- THIS DRAWING SHALL NOT BE USED FOR COST ESTIMATING, TOWER FABRICATION OR TOWER ERECTION.
- THIS DRAWING SHALL NOT BE USED AS THE SOLE BASIS FOR DETERMINING THE FULL EXTENT OF QA/QC REQUIREMENTS.
- REFER TO THE TURBINE OEM'S AND/OR THE TOWER PROCUREMENT AGENT'S PROPRIETARY SPECIFICATIONS FOR THE COMPLETE TOWER SPECIFICATION.

RECEIVED
APR 01 2016
WILLIAMS COUNTY
BUILDING DIVISION

TITLE SHEET
AGBAYANI STRUCTURAL ENGINEERING
1201 24TH STREET, SUITE B110-116
BAKERSFIELD, CALIFORNIA 93301 USA
TEL: 661 - 742 - 1327 FAX: 661 - 369 - 7214
www.agbayanistructural.com

VESTAS V100 Mk10 2.0MW(IEC IIC*) WIND TURBINE HH80M-T2X103 3 SECTION			
JOB NO.	16-014b	DATE	2016-03-14
DRAWN	Sun KPO	CHECKED	NAA
DESIGNED	NAA	APPROVED	NAA
			SHEET S0.0

