

ZONING ORDINANCE

Centerville Township

Leelanau County, Michigan

EFFECTIVE DATE:
AMENDED THROUGH:

April 27, 2023
April 27, 2023

SCHEDULE OF REVISIONS

DESCRIPTION OF CHANGE	EFFECTIVE DATE
Create Zoning Ordinance	1979
Update entire Ordinance	December 5, 2002
Add schedule of revisions	February 3, 2005
Copy Sec. 4.15 "Completion" to sections 13.4 and 13.7 for clarity	February 3, 2005
Change Sec. 4.15 "Completion" so that the Zoning Administrator can make the determination so that a ZBA request is not necessary.	February 3, 2005
Add footnote to schedule of Zoning Regulations table allowing a 25' min. setback from a private easement for a plotted lake lot.	February 3, 2005
Add a sentence to Site Plan Review allowing the Planning Commission to exempt or exclude one or more requirements that are not necessary/relevant (on a per application basis).	February 3, 2005
Remove reference to \$150 fee in Sec 13.8.	February 3, 2005
Add definition of Site Plan to include all documents including drawings, tables, testing data, etc.	February 3, 2005
State that "set back" is measured from the farthest point of the improvement whether it be the eave, chimney, bay window, etc.	February 3, 2005
Define "living quarters" in definition section.	February 3, 2005
Add lighting Ordinance that regulates lighting in all districts: Section 3.18 4.22 Outdoor Lighting Ordinance.	February 3, 2005
Move the contents of Section 13.8 "Septage Disposal" to Article IX Agricultural District, under Section 9.6 "Land Application of Septage Waste As A Special Land Use" for consistency.	February 3, 2005
Change Section 13.7 "Requirements for Site Plan" to Section 13.1 under a new Article: Article XIII Procedures for Site Plan Review.	February 3, 2005
Add an Open Space Ordinance, as a new Section XIV, that applies to all districts and offers density bonuses for retaining open space in large developments.	February 3, 2005
Because there are now new Sections XII and XIV, the old Sections XII, XIV, XV, XVI and XVII all increase in number by two, i.e., the old XVII is now XIX.	February 3, 2005
Make grammatical changes throughout the document.	February 3, 2005
Added "Dog Kennel" to definitions, changed definition of "Height", reduced private easement setback to 20', changed Section 4.14 to comply with the MZEA, revised Section 4.20 to comply with the MZEA, deleted "Kennel" as a use by right in the R-1 District, added Ski View Farms Subdivision to the Residential District, removed Commercial renewable energy windmills and added Wineries to the Ag District Uses Special Land Use permitted by special approval, changed Section 9.6 to say "no new sites", added Section 9.7 Wineries, revised Section 13.1 for compliance to the MZEA, added Sections 15.8 and 15.9, revised Sections 17.2, 17.6, 17.7 and 17.9 to comply with the MZEA.	December 7, 2007

Amended Zoning Ordinance to include regulations governing Driveways and Private Roads.	August 7, 2009
Amended Zoning Ordinance to include regulations governing Commercial Wind Energy Systems including definitions associated with said Systems.	September 10, 2010
Amended Winery Ordinance to increase allowable production from 50,000 gallons to 50,000 cases; increase the allowable wine processing and storage areas from 10,000 SF to 15,000 SF and increase allowable retail sales area from 1,500 SF to 2,500 SF. Corrected several typographical errors.	July 10, 2013
Revised zoning regulation of "800 square foot living quarters per dwelling unit", and changed wording of "Living Area" to "Living Quarters" throughout including in the definition of "Multiple Family Dwelling".	May 27, 2014
Update entire Ordinance	February 23, 2020

CENTERVILLE TOWNSHIP ZONING ORDINANCE	7
ENABLING CLAUSE	7
LIMITATIONS OF ZONING ORDINANCE	7
REPEAL OF PREVIOUS ZONING ORDINANCE	7
INTERPRETATION AND RELATIONSHIP TO OTHER REGULATIONS.....	7
CONFLICT WITH STATE OR FEDERAL REGULATIONS.....	7
SCOPE OF THIS ZONING ORDINANCE	8
VALIDITY AND SEVERABILITY	8
ARTICLE I SHORT TITLE.....	9
SECTION 1.1 TITLE.....	9
ARTICLE II DEFINITIONS.....	9
SECTION 2.1 RULES APPLYING TO THE TEXT	9
SECTION 2.2 DEFINITIONS	9
ARTICLE III GENERAL PROVISIONS	26
SECTION 3.1 SCOPE.....	26
SECTION 3.2 ESSENTIAL PUBLIC SERVICES	26
SECTION 3.3 YARD AREA & LOT RELATION	26
SECTION 3.4 PERMIT REQUIREMENTS.....	26
SECTION 3.5 FIRE HAZARD.....	26
SECTION 3.6 DRIVEWAYS & PRIVATE ROADS	26
SECTION 3.7 SIGNS	33
SECTION 3.8 BOAT HOUSES	33
SECTION 3.8 USE OF LOTS FOR LAKE ACCESS EASEMENTS.....	34
SECTION 3.9 DOCKS, MOORINGS AND BOATS	35
SECTION 3.10 MAXIMUM HEIGHT	36
SECTION 3.11 COMPLETION.....	36
SECTION 3.12 TRAILER HOMES	36
SECTION 3.13 BED AND BREAKFAST ESTABLISHMENTS.....	37
SECTION 3.14 MOBILE HOMES	37
SECTION 3.15 TOWERS AND ANTENNAS.....	37
D) <i>Specific Site Plan Review Requirements for towers and antennas</i>	42
E) <i>Exempt Tower and Antenna Uses</i>	44
F) <i>Special Land Use Permits</i>	44
G) <i>Removal of abandoned Antennas and Towers</i>	44
H) <i>Non-conforming Tower uses</i>	44
SECTION 3.16 GUEST HOUSE.....	45
SECTION 3.17 OUTDOOR LIGHTING	45
SECTION 3.18 SMALL WIND ENERGY CONVERSION SYSTEMS (WECS).....	46
SECTION 3.19 SMALL SOLAR ENERGY SYSTEMS	49
SECTION 3.20 COMMERCIAL WIND ENERGY CONVERSION SYSTEMS (WECS).....	49
SECTION 3.21 AGRICULTURE-RELATED ENTERPRISES TOURISM	68
ARTICLE IV LAND USE DISTRICTS	74
SECTION 4.1 DISTRICTS	74
SECTION 4.2 MAPS.....	74
SECTION 4.3 INTERPRETATION OF DISTRICT BOUNDARIES	76
SECTION 4.4 SCHEDULE OF ZONING REGULATIONS	77
ARTICLE V RESIDENTIAL DISTRICTS.....	77
SECTION 5.1 DISTRICTS	77
SECTION 5.2 RESIDENTIAL I	77
SECTION 5.3 RESIDENTIAL II - MULTIPLE FAMILY	78
SECTION 5.4 SKI VIEW FARMS SUBDIVISION	79
ARTICLE VI COMMERCIAL RESORT DISTRICT.....	80

SECTION 6.1	USES PERMITTED BY RIGHT	80
SECTION 6.2	USES PERMITTED BY SPECIAL APPROVAL	80
SECTION 6.3	REQUIRED LAND AREAS	80
SECTION 6.4	SPACING OF SEPARATE BUILDINGS	80
SECTION 6.5	ACCESSORY BUILDINGS	80
SECTION 6.6	DRIVEWAYS AND OFF-STREET PARKING	80
SECTION 6.7	DINING FACILITIES LIMITATIONS	81
ARTICLE VII RECREATIONAL DISTRICT		82
SECTION 7.1	USES PERMITTED BY RIGHT	82
SECTION 7.2	USES PERMITTED BY SPECIAL LAND USE APPROVAL	82
SECTION 7.3	REQUIRED LAND AREA	82
SECTION 7.4	SPACING OF SEPARATE BUILDINGS	82
SECTION 7.5	ACCESSORY BUILDINGS	82
SECTION 7.6	DRIVEWAYS AND OFF-STREET PARKING	82
SECTION 7.7	DINING FACILITIES LIMITATIONS	82
ARTICLE VIII BUSINESS DISTRICT		83
SECTION 8.1	PURPOSE	83
SECTION 8.2	OFF-STREET PARKING AND DELIVERIES ACCESS	83
SECTION 8.3	YARD STORAGE	83
SECTION 8.4	ADULT ENTERTAINMENT	83
ARTICLE IX AGRICULTURAL DISTRICT.....		85
SECTION 9.1	AGRICULTURAL DISTRICT: USES PERMITTED	85
SECTION 9.2	CONTIGUOUS ZONE.....	85
SECTION 9.3	ROADSIDE STANDS.....	85
SECTION 9.4	MINING OR REMOVAL OF TOPSOIL	85
SECTION 9.4	LAND APPLICATION OF SEPTAGE WASTE AS A SPECIAL LAND USE.....	86
SECTION 9.5	WINERIES, MEADERIES, DISTILLERIES AND CIDERIES.....	90
ARTICLE X GOVERNMENTAL DISTRICT.....		92
SECTION 10.1	ESTABLISHED USES.....	92
ARTICLE XI NON-CONFORMING USES.....		93
SECTION 11.1	CONTINUANCE	93
SECTION 11.2	VOLUNTARY OR INVOLUNTARY DISCONTINUANCE.....	93
SECTION 11.3	COMPLETION OF CONSTRUCTION.....	93
SECTION 11.4	INVOLUNTARY DESTRUCTION	93
SECTION 11.5	EXTENSION.....	93
ARTICLE XII PROHIBITED USES.....		94
SECTION 12.1	ANY OBNOXIOUS USES.....	94
SECTION 12.2	SPECIFIC PROVISION FOR USE	94
SECTION 12.3	PRINCIPAL BUILDING REQUIRED BEFORE ACCESSORY BUILDING(S)	94
SECTION 12.4	OUTDOOR STORAGE.....	94
SECTION 12.5	MARINAS	94
SECTION 12.6	SEAWALLS.....	94
ARTICLE XIII PROCEDURES FOR SITE PLAN REVIEW		95
SECTION 13.1	REQUIREMENTS FOR SITE PLAN	95
ARTICLE XIV STANDARDS FOR SPECIAL LAND USES		110
ARTICLE XIV XV STANDARDS FOR OPEN SPACE PRESERVATION		119
SECTION 15.1	INTENT	119
SECTION 15.3	GENERAL REQUIREMENTS	120
SECTION 15.4	STANDARDS FOR CLUSTERED HOUSING DEVELOPMENTS.....	121

SECTION 15.5 OPEN SPACE	122
SECTION 15.6 PROCEDURE FOR APPROVING CLUSTERED HOUSING DEVELOPMENTS	123
ARTICLE XVI ADMINISTRATION	124
SECTION 16.1 ZONING ADMINISTRATION	124
SECTION 16.2 ELIGIBILITY	124
SECTION 16.3 DUTIES	124
SECTION 16.4 LAND USE PERMITS	124
SECTION 16.5 DISTRIBUTION OF LAND USE PERMITS	125
SECTION 16.6 DENIAL OF PERMITS	125
SECTION 16.7 FEES	125
SECTION 16.8 AMENDMENTS	125
SECTION 16.9 PUBLIC NOTICE	126
ARTICLE XVII WATERFRONT OVERLAY DISTRICT.....	128
ARTICLE XVIII MINERAL EXTRACTION OVERLAY DISTRICT	133
ARTICLE XIX NUISANCE PER SE: ENFORCEMENT PENALTIES FOR VIOLATION.....	140
SECTION 19.1 NUISANCE PER SE.....	140
SECTION 19.2 PENALTIES.....	140
ARTICLE XX ZONING BOARD OF APPEALS.....	141
SECTION 20.1 CREATION.....	141
SECTION 20.2 MEMBERSHIP	141
SECTION 20.3 PER DIEM.....	141
SECTION 20.4 PROCEDURES.....	141
SECTION 20.5 PUBLIC MEETINGS	141
SECTION 20.6 POWERS.....	141
SECTION 20.7 APPEALS, HOW MADE	142
SECTION 20.8 STAY OF PROCEEDINGS	142
SECTION 20.9 HEARINGS	142
SECTION 20.10 STANDARDS FOR APPROVAL OF VARIANCES.....	142
SECTION 20.11 FURTHER APPEAL	143
ARTICLE XVIII SEPARABILITY	144
SECTION 18.1 VALIDITY	144
ARTICLE XXI EFFECTIVE DATE	144
SECTION 21.1 EFFECTIVE DATE.....	144
ZONING MAP	145

Centerville Township Zoning Ordinance

Enabling Clause

This Ordinance is created to establish land use and building occupancy districts in the Township of Centerville, County of Leelanau, in accordance with the provisions of the Michigan Zoning Enabling Act, P.A. 110 of 2006, as amended; to govern nonconforming land use and building occupancy; to establish the office of Zoning Administrator and a Board of Appeals, and to define their respective duties and authority for the administration of this Ordinance, to define certain terms used herein, to provide for enforcement and to impose penalties for violation of this Ordinance.

Limitations of Zoning Ordinance

The provisions of this Ordinance shall not impact the continued use of any dwelling, building or structure or any land or premises, which was lawful and existing on the adoption date of this Ordinance.

Repeal of Previous Zoning Ordinance

1. This ordinance repeals and replaces any previous Centerville Township Zoning Ordinance in its entirety.

2. The repeal of the Centerville Township Zoning Ordinance of 2020, as amended, and as proved shall not affect any rights acquired, fines, penalties, forfeitures or liabilities incurred there under or actions involving any provisions of said ordinance ~~sections released~~ is hereby continued in force and effect after the passage, approval and publication of this Ordinance for the purpose of such rights, fines, penalties, forfeitures, liabilities and actions therefore.

Interpretation and Relationship to other Regulations

In interpreting and applying the provisions of this Zoning Ordinance, these provisions must be held to be the minimum requirements for the promotion of the public safety, health, and general welfare. It is not intended by this Zoning Ordinance to interfere with or abrogate or annul any easements, covenants, restrictions established by other ordinances or statutes, or agreements between private parties. However, where matters covered in this Zoning Ordinance imposes a greater restriction upon the use of buildings or lots or upon the height of buildings, or requires larger open spaces than are imposed or required by any other applicable rule, covenant or law, the provisions of this Zoning Ordinance shall govern. The Township has no responsibility or authority for enforcing private agreements or covenants.

Conflict with State or Federal Regulations

If the provisions of this Zoning Ordinance are inconsistent with those of the state or federal government, the more restrictive provisions will control, to the extent permitted by law.

Scope of this Zoning Ordinance

This Ordinance establishes regulations for lots, uses and activities that relate to accessory uses, dimensional standards, various exceptions, access and other aspects of land use and design within Centerville Township.

Except as otherwise provided in this Ordinance, no use, lot or parcel of land, no existing building, structure or part thereof, and no new building, structure or part thereof shall hereafter by undertaken, located, erected, constructed, re-constructed, altered or used for purposes other than in conformity with the provisions of this Ordinance.

Absent a variance or special exception, this Ordinance prohibits use of and unless they are expressly permitted as permitted use by right, special land use or can be found to be accessory to such uses. The rule of accessory use is to address the impossibility of providing expressly by Zoning Ordinance for every possible lawful use.

Validity and Severability

If any court of competent jurisdiction shall declare any part of this Ordinance to be invalid, such ruling shall not affect any other provisions of this Ordinance not specifically included in said ruling. If any court of competent jurisdiction shall declare invalid the application of any provision of this Ordinance to a particular land, parcel, lot, district, use, building or structure, such ruling shall not affect the application of said provision to any other land, parcel, lot, district, use, building or structure not specifically included in said ruling.

Purpose

To provide a regulatory framework for land use and development, based on the Centerville Township Master Plan to promote the health, safety and general welfare of the inhabitants of the Township of Centerville, County of Leelanau, Michigan, by regulating land uses and ~~preventing overcrowding of lands, avoiding undue congestion of population, facilitating transportation, public utilities, and fire safety;~~ and to promoting the orderly development of the residential, commercial, recreational, and agricultural lands; environmental protection and natural resource conservation; to attain the vision, goals, policies and plans of the Centerville Township Master Plan; to meet all the other applicable requirements of the Michigan Zoning Enabling Act and the Michigan Planning Enabling Act; and to promote other legitimate interests of Centerville Township inhabitants; the Centerville Township Board, County of Leelanau and State of Michigan, enacts the following zoning regulations:

ARTICLE I SHORT TITLE

Section 1.1 Title

The title of this Ordinance is "Centerville Township Zoning Ordinance", and it will be referred to herein as "this Ordinance".

ARTICLE II DEFINITIONS

Section 2.1 Rules Applying to the Text

For the purpose of this Ordinance, certain rules of construction apply to the text as follows:

- A. Words used in the present tense include the future tense, and the singular includes the plural unless the context clearly indicates the contrary.
- B. The word "person" includes a corporation or firm as well as an individual.
- C. The word "building" includes the word "structure".
- D. The word "lot" includes the words "plot", "tract", or "parcel".
- E. The term "shall" is always mandatory and not discretionary; the word "may" is permissive.
- F. The word "used" or "occupied" as applied to any land or building shall be construed to include the words "intended, arranged, or designed to be used or occupied."
- G. Any word or term not interpreted or defined by this Article **or other places in this Ordinance** shall be used with a meaning of a common or standard usage.

Section 2.2 Definitions

For the purposes of this Ordinance, certain terms or words used herein shall be interpreted or defined as follows:

100-Year flood Plain - flood plain along waters within Centerville Township that is inundated during a 100-year flood event as mapped by the Federal Emergency Management Agency.

100-Year Floodway - floodway along waterways within Centerville Township that are convey flood flow during a 100-year flood event as mapped by the Federal Emergency Management Agency.

Accessory Building - A non-habitable building or structure used for the storage of accessories that are customary and incidental to the land use district applicable.

Accessory Lot - ~~A small lot or parcel of land, usually separated from the primary residential lot by private road.~~ A lot to be used for parking, garage, garden or septic system, if approved by the Benzie-Leelanau District Health Department. An accessory lot shall be contiguous to the primary building lot and under the same ownership.

Agricultural Labor Housing - A structure/parcel and all tents, vehicles, buildings and other structures pertaining thereto which is established, occupied or used as living quarters and licensed under the Michigan Department of Agriculture and Rural Development. If not used for agricultural labor housing, all structures must comply with the provisions of this ordinance.

Agriculture - The act or business of cultivating or using land and soils for the production of crops for the use of animals or humans and includes, but is not limited to, purposes related to

agriculture, farming, dairying, pasturage, horticulture, floriculture, viticulture, and animal and poultry husbandry, but not including concentrated livestock operations as defined in this Ordinance. Flower, vegetable, or other gardens maintained only for the property owner(s) non-commercial use and/or enjoyment are not considered agriculture.

Antenna - Any exterior transmitting or receiving device mounted on a tower building or structure that radiate or capture electromagnetic waves, digital signals, analog signals, radio frequencies (excluding radar signals), wireless telecommunications signals or other communication signals.

Assisted Care Facilities (Foster care facility, Group care home, Assisted living, Nursing home, etc.) - As defined by the State of Michigan's Adult Foster Care Act, P.A. 281 of 1979, as amended, and the Michigan Public Health Code, P.A. 368 of 1978, as amended.

Background sound - The sound level that exists in the absence of and unrelated to wind turbine sound being evaluated for compliance with this Ordinance and includes sounds that would normally be present at least 90 percent of the time. Intermittent noise events such as from aircraft flying over, dogs barking, mobile farm or construction machinery, and the occasional vehicle traveling along a nearby road are all part of the ambient noise environment but would not be considered part of the background sound unless they were present for at least 90 percent of the time. In terms of sound measurements, background sound is defined as being the sound level exceeded 90 percent of the time, and it is statistically referred to as L_{90} . Background sound shall not be measured during sporadic noise events such as seasonal farming activities, events permitted under the Centerville **Agriculture-related enterprises section** — ~~tourism Ordinance~~ and/or the Michigan to Farm Act (1981 PA 93, MCL 286.471 et seq.) and applicable Generally Accepted Agricultural and Management Practices, traffic or weather events that would distort the establishment of a baseline level representative of the L_{90} rural environment.

Basement - The lowest level of a building or the one just below the main floor, usually wholly or partially lower than the surface of the ground.

Bed and Breakfast - An owner-occupied single-family dwelling with bedrooms available for guest use for compensation.

Blade Glint - The intermittent reflection of the sun off the surface of the blades of a single or multiple wind energy system.

Boat House - Any private structure on lakes or water courses, either temporary or permanent, **with or without living quarters** and having a roof and used for the shelter or enclosure of a boat or boats, and the equipment and supplies for such boat or boats. ~~A Boat House, which is permitted only by virtue of the provisions of Section 3.8 4.10 (Boat House — GP) of this Ordinance, shall possess a Michigan Department of Environment Great Lakes & Energy (EGLE) Part 301: Inland Lakes and Streams Act and/or Part 303: Wetland Protection Act permit and shall not have living quarters or be used for any purpose other than that stated in this definition.~~

Building - Any structure either temporary or permanent, having a roof and used or built for the shelter or enclosure of persons, or personal property of any kind. This shall include but not limited to vehicles, ~~and include but not limited to mobile homes, tiny homes, and park model recreational vehicles/units~~, whether mounted or not on wheels and situated on private property and used for purposes of a building.

Building, Principal - The main building on a lot in which the principal use exists or is serviced within a Zoning District.

Campground - A parcel of land upon which five (5) or more campground sites are located, established or maintained for occupancy by recreational vehicles, tents, or other individual camping units by the general public as temporary living quarters for recreational purposes regardless of whether they are public or private or there are fees. **"Campgrounds" are also regulated by the State of Michigan Department of EGLE pursuant to the Michigan Public Health Code, P.A. 368 of 1978, as amended. Park model recreational vehicles/units are prohibited from campgrounds within Centerville Township.**

Cidery - A state-licensed facility where agricultural fruit production is maintained; juice is processed into cider and/or hard cider; and sold at wholesale or retail to the public with or without the use of a cider tasting facility.

Clinic - An establishment where patients who are not lodged overnight are admitted for examination and treatment by a state-licensed healthcare professional or a group of state-licensed healthcare professionals practicing medicine, dentistry, veterinary medicine or osteopathy.

Club - An organization catering exclusively to members and their guests, or premises and buildings for recreational, artistic, political or social purposes, which are not conducted for gain and which do not provide merchandising, vending, or commercial activities except as required incidentally for the membership and purpose of such club.

Commercial - Occupied with or engaged in commerce, or work intended for commerce (i.e., the buying and selling of goods and services).

Commercial Garage - A building or portion thereof, other than a private or storage garage, designed or used for equipping, servicing, repairing, hiring, selling or storing motor driven vehicles.

Commercial Wind Energy System - A wind energy system that exceeds the maximum thirty (30) kilowatt generator size limit allowed for net metering by the public utility.

Concentrated Animal Feed Operation - As defined by United States Department of Agriculture and/or the laws and regulations of the State of Michigan.

Day Care - A state licensed facility in which minor children are received for care and supervision for periods of less than 24 hours per day, unattended by a parent or other legal guardian, except children related to an adult staff member. Day care facilities provide care to unrelated children for more than four (4) weeks during a calendar year.

Decibel - A logarithmic unit of measurement of sound that expresses the magnitude of a physical quantity, or sound intensity, relative to a specified sound reference level. Decibel is a ratio of two quantities with the same unit, and is therefore dimensionless. A decibel is one tenth of a bel, a seldom-used unit of sound measurement.

Development - A planning or construction project involving property improvement and usually a change in land use character within the site. This includes the act of using land for building or extractive purposes.

Distributed Generation means the generation of electricity under the distributed generation program established by the Michigan Public Service Commission under MCL 460.1173, as amended.

Districts - Shall mean areas of the Township of Centerville for which the Zoning regulations governing the use of building and premises, the height and size of buildings, size of yards, and the intensity of use are uniform.

Distillery - A state-licensed facility where spirits are produced; and sold at wholesale or retail to the public with or without the use of a spirits tasting facility.

Dock - Any structure, temporary or permanent, built or extending over a body of water, supported by pillars, pilings or other devices.

Driveway - An access serving three (3) ~~four (4)~~ or fewer residential units or lots, or a maximum of one (1) commercial or industrial use.

Duplex - A building containing not more than two (2) dwelling units designed or occupied as the homes of two (2) families living independently of each other.

Dwelling - Any building or part thereof, occupied as the home, residence or sleeping place of one or more persons either permanently, transiently, or seasonally.

Earth Change - an artificial change in the natural cover or topography of land, including grading and cut and fill activities, which may result in or contribute to soil erosion or sedimentation of the waters of the State. ~~Prior to engaging in any earth change activity within five-hundred (500) feet of a lake, river or stream, a valid soil erosion and sedimentation control permit is necessary from the Leelanau County Soil Erosion and Sedimentation Control Officer.~~

Easement - A right of use created by grant, reservation, agreement, prescription, or necessary implication, which one has in the land of another. It is either for the benefit of land (appurtenant), such as right to cross A to get to B, or "in gross" such as a public utility easement.

Erected - Includes built, constructed, reconstructed, moved upon or any physical operations on the land required for the building. Excavations, fill, drainage and the like shall be considered a part of erection.

Essential Public Services - The erection, construction, alteration, or maintenance by public utilities or municipal departments of underground, surface or overhead gas, communication, telephone, electrical, steam, fuel or water transmission or distribution systems, collections, supply or disposal systems, including poles, wires, mains, drains, sewers, pipes, conduits, cables, fire alarm and police call boxes, traffic signals, hydrants and similar accessories in connection therewith which are necessary for the furnishing of adequate service by such utilities or municipal departments for the general public health, safety, convenience, or welfare, but not including towers, or office buildings, substations, or structures which are enclosures or shelters for service equipment, or maintenance depots. Telecommunication towers or facilities licensed via state or federal agencies, alternative tower structures, wireless communication antenna and wind turbine generators are not included within this definition.

Events - An attraction, exhibit, or the temporary display, whether for profit, non-profit or charitable, that is held, staged or conducted in open air or at a stand, tent or temporary

structure outside of a completely enclosed building or an approved permanent outdoor activities area on non-residential property conducted, sponsored or authorized by the owner, tenants or occupants of the subject property.

Excavating – Excavating means the removal or movement of topsoil, clay, sand, stone, non-metallic minerals, aggregates or gravel, except for common household gardening, landscaping, building foundation construction, construction grading, farming, farm operations, and general land care.

Excavation Operation - means the excavation from the earth of mineral aggregates, non-metallic minerals, gravel, topsoil, subsoil, or sand for sale or use and includes the use of mining equipment or techniques to remove materials from the earth, as well as associated activities such as excavation, grading and dredging. It also includes processes carried out at a mineral and non-metallic mineral mining site that are related to the preparation, storage, loading/unloading, or processing of mineral aggregates or non-metallic minerals obtained from the mining site.

Existing Operation – an operation that has commenced prior to *(insert adoption date of mineral extraction overlay mm/dd/yy)*.

Fall zone - The potential fall area for a WECS is measured as the total small WECS height plus ten (10) feet, and shall be measured as the radius from the center point of the base of a WECS tower or the average grade building for WECS mounted on a building.

Family - Any number of individuals living together and cooking together on the premises as a single nonprofit housekeeping unit, as distinguished from a group occupying a hotel, club or similar structure.

Farm - The land, plants, animals, buildings, structures, including ponds used for agricultural or aquacultural activities, machinery, equipment, and other appurtenances used in the commercial production of farm products.

Farm Buildings - Any and all buildings, structures, or land uses required for the operation of a farm, including dwelling units used exclusively for residential purposes, barns, poultry houses, silos, storage structures for hay, grains, vegetables, dairy products, fruit and other products produced, machinery, tools, and other accessory structures not specifically mentioned but needed for the proper and efficient operation of a farm.

Farm Market - A place or an area where transactions between a farm market operator and customers take place. This includes roadside stands. It does not necessarily mean a physical structure such as a building and is considered part of a farm operation. At least 50 percent of the products marketed and offered for sale at a farm market (measured as an average over the farm market's marketing season or up to a five-year timeframe) must be produced on and by the affiliated farm. Farm products may be processed more extensively into a form that adds value and makes them more marketable for direct customer sales in accordance with Michigan laws, and then sold at the affiliated farm market, as long as allowed by local, state and federal regulations. A farm market may operate seasonally or year-round. Farm markets may include marketing activities and services to attract and entertain customers and facilitate retail trade business transactions, when allowed by applicable local, state and federal regulations.

Filtered View of Waters – the maintenance or establishment of woody vegetation of sufficient density to screen development from waters, to provide for stream bank and lakeshore stabilization, nutrient and erosion control, to serve as an aid to infiltration of surface water

runoff, and to provide cover to shade the water in a manner which also provides while providing an adequate view to the water.

Flea Market - A place where merchandise, is sold by two or more persons, each selling their own merchandise, whether owned by them or sold on commission or consignment to them.

Floodplain - As defined by ~~the laws and regulations of the State of Michigan's~~ Part 31: Water Resources Protection Act, P.A. 451 of 1994, as amended, MCL 324.301 *et seq.*

Gravel - means the unconsolidated, natural accumulation of rounded rock or rock created through erosion, glaciation or the natural movement of water consisting predominantly of particles larger than sand, having a diameter of between 2.0 mm to 7.6 cm (i.e., 3 inches) as defined by the USDA textural classification system.

Generally-Accepted Agricultural and Management Practices (GAAMPS) - guidelines for farm management developed and adopted by the Michigan Commission of Agriculture and Rural Development pursuant to the Michigan Right to Farm Act, P.A. 93 of 1981, as amended.

Guest House - An accessory ~~defined as~~ a dwelling detached from the owner-occupied main residence, however on the same property; which handles an overflow of company that is visiting said residence for a limited period of time. ~~A guest house will not be used as a rental income producing structure.~~

Hardship - Special or specified circumstances that partially or fully exempt a person from performance of a legal obligation so as to avoid an unreasonable or disproportionate burden or obstacle. With regard to Zoning Board of Appeals proceedings, in order to find hardship, the ZBA must find conditions to exist as detailed in Section 20.10.

Height, Building - In all districts building height is limited to thirty-two (32) feet and no more than two and one-half (2.5) stories. In the case of a principle building, the vertical distance measured from the natural grade with the greatest building height (i.e., to the highest point of the roof surface for flat and A-frames, to the deck line of mansard roofs, and to the average height between eaves and ridge for gable, hip and gambrel roofs) building height shall be determined as the greatest vertical distance from the natural grade of any side to the highest point of the roof surface. A cupola, widow's watch or tower that extends above the roof line shall be considered the highest point of the roof surface on roofs with such features. The measurement of the height of an accessory building or structure shall also be determined as the greatest vertical distance from the natural grade of any side to the highest point of the roof surface. ~~The vertical distance from the average of the highest and lowest finished grade along the perimeter wall of the building to the highest point of the roof surface.~~ For a commercial wind energy system, height is defined as: the distance between the ground at the base of the wind energy system and the highest point of the wind energy system with the blade in the uppermost vertical position.

Home Occupation - A gainful occupation conducted by occupants of a dwelling ~~members of the family,~~ within its place of residence, provided that space used is incidental to residential use.

Horizontal Axis WECS Turbine (HAWT) - A WECS mounted on a WECS tower whose blades rotate around a shaft or similar devise that is roughly parallel to the surface of the ground.

Hotel (or Inn) - A building where lodging with or without meals is furnished to transient or resident guests for compensation, containing sleeping rooms, and wherein a restaurant may be located. **Hotels and Inns do not include buildings used for agricultural enterprise-related stays.**

Impervious Surface - developed portions of a parcel that preclude or inhibit the infiltration of precipitation or stormwater runoff. Impervious surfaces are typically covered by roofs, asphalt or concrete and include but are not limited to building envelopes/footprints, parking areas, driveways, graded areas, walkways, pathways, patios, and similar structures. Impervious surfaces do not include such areas covered with pervious surfaces such as pervious pavements, pavers, block, etc.

Impulsive Noise - Short acoustical impulses or thumping sounds, which vary in amplitude. Impulsive noise may be a single noise event or an intermittent repetitive noise event with an impulse rate of one or more per second.

Industrial use or structure - A land use, building or structure housing accommodating an industrial or manufacturing process.

Infrasound - Sound frequency less than twenty (20) Hz.

Institution - A building occupied by a municipal or non-profit corporation or non-profit establishment for public use.

Junk - Any type of waste materials, refuse or equipment no longer useful to the degree for which it was originally intended, which yet may or may not have some salvage value.

Kennel - A lot or premises on which four (4) or more dogs, cats, or other domestic pets, six (6) months of age or older, are kept, either permanently or temporarily, for the purposes of breeding, boarding, training, sale, or transfer.

Keyholing - The practice of using one or more lake lots as lake access for one or more off lake lots.

Land Application Of Septage Waste - the disposal of Septage Waste by applying the septage to the surface of the land or by injecting the septage into the ground.

Lake - as used in this ordinance refers to the definition of inland lake found within the Michigan Inland Lakes and Streams Act, Part 301 of P.A. 451 of 1994, as amended, MCL 324.30101).

Licensed Septage Waste Servicer - A person or entity engaged in the business of servicing Septage Waste under a license granted by EGLE for the servicing of Septage Waste.

Lighting Fixture - A permanently installed lighting or illumination device.

Living Quarters - That portion of a dwelling that is suited for human habitation, is finished in a similar manner to the rest of the dwelling and meets all local and State construction codes for permanent occupancy.

Lodge - A structure for use as a meeting place for members of private clubs, and other non-profit fraternal or religious organizations.

Lot - a parcel of land, excluding any portion in a street or other right-of-way, of at least sufficient size to meet all minimum dimensional and use requirements and to provide such setback area and other open space as required by this ordinance. Such lot shall have frontage on a public road or street or an approved private street or drive, and may consist of: (a) a single lot or record; (b) a portion of a lot of record; (c) any combination of complete and/or portions of contiguous lots of record; or (d) a parcel of land described by metes and bounds; provided that in no case of lot division or combination shall the area of any lot or parcel created, including residuals be less than the minimum size required by this ordinance. A lot is a parcel of land on which one (1) principal building and its accessories are placed, together with the open space as required by this Ordinance.

Lot Coverage, Percent - lot area, stated in percentage of the total, covered by all principal and accessory buildings and structures, all impervious surfaces (including previously graded areas, paved and concrete covered areas, patios, sidewalks, roofed structures, etc.), porches, decks, graded areas including private roads, parking areas, driveways, and similar graded and compacted structures.

Lot of Record - A lot which is part of a subdivision or condominium, the map of which has been recorded in the office of the Register of Deeds of Leelanau County; or a parcel of land described by metes and bounds, and/or created via the Township Land Division Ordinance, the description of which has been recorded in the office of the Register of Deeds of Leelanau County.

Low Frequency (Sound) - Sound frequency range from twenty (20) Hz to two hundred (200) Hz.

Marina - A **commercial operation** boat basin providing dockage, supplies, sales and services for watercraft.

Meadery - A state-licensed facility where agricultural fruit production is maintained; juice and honey are processed into mead; and sold at wholesale or retail to the public with or without the use of a mead tasting facility.

Meteorological Tower (MET) - The tower and associated structures and equipment including the base plate, anchors, guy cables and hardware, anemometers (wind speed indicators), wind direction vanes, booms to hold equipment anemometers and vanes, data logger, instrument wiring, and any telemetry devices that are used to monitor or transmit wind speed and wind flow characteristics over a period of time for either instantaneous wind information or to characterize the wind resource at a given location.

Mineral - means a naturally occurring solid chemical substance formed through biogeochemical processes, having characteristic chemical composition, highly ordered atomic structures, and specific chemical properties.

Mining Operation - means the excavation, excavation operation, removal, movement, loading/unloading or processing, storage of soil, subsoil, sand, stone, gravel, minerals or non-metallic minerals. Mining operation does not include the following activities:

1. **Excavation of a limited scope and duration undertaken primarily for the immediate use and development of land for the construction of buildings, structures or the installation of water wells, septic and sewage facilities, landscaping, activities within a cemetery, and construction which is otherwise ancillary to a land use.**

2. Excavation done as part of a farm or farming operation as defined by the Michigan Right to Farm Act. P.A. 93 of 1981, as amended.

Mobile Home - Shall mean any portable structure used for living purposes, mounted on jacks, blocks or foundation with skirting.

Mobile Home Park - A lot, parcel or tract of land used as the site of occupied mobile homes, including any building, structure, vehicle or enclosure used as part of the equipment of such mobile home park, and licensed or licensable under the provisions of Act 96, Public Acts 1987, State of Michigan, as amended, for such purposes.

Motel - Shall mean a building or group of buildings having units containing sleeping accommodations only that are available for temporary occupancy.

Motor Boat - Any vehicle having an engine (combustion, electric or steam) and capable of being used on or in a body of water.

Multiple Family Dwelling - A building or portion thereof containing more than two (2) dwelling units designed for, or occupied as, the home of two or more families living independently of each other. This definition includes cooperatives and condominium units having a minimum of 800 square feet of living quarters for each unit, (exclusive of porches, attached garages, patios and etc.).

Name Plate Capacity - the designed full-load sustained generating output of an energy facility as determined by reference to the sustained output of an energy facility even if components of the energy facility are located on different parcels, whether contiguous or noncontiguous.

Net Metering, Modified An electric utility billing method that applies the power supply component of the full retail rate to the net of the bidirectional flow of kilowatt hours across the customer interconnection with the utility distribution system, during a billing period or time-of-use pricing period. A negative net metered quantity during the billing period or during each time-of-use pricing period within the billing period reflects net excess generation for which the customer is entitled to receive credit under section 177(2) of Michigan's Clean and Renewable Energy and Energy Waste Reduction Act (Public Act 235 of 2023).

Noise - Any sound that would be unwanted by a reasonable person.

Non-conforming Structure - A building or structure lawfully existing at the time of enactment of this Ordinance or a subsequent amendment thereto that does not conform to area, height and placement regulations of this Ordinance for the Zoning District in which it is located.

Non-conforming Use - Any building or land lawfully occupied by a use at the effective date of this Ordinance or amendment thereof, which does not conform after passage of this Ordinance or amendment thereto with the requirements of the Zoning District in which it is situated.

Nonmetallic mineral - means a product, commodity or material consisting principally of naturally occurring inorganic, nonmetallic, nonrenewable material. Nonmetallic minerals include, but are not limited to stone, sand, gravel, clay, cobbles, and topsoil.

Owner, WECS - The individual or entity that intends to own and operate the small WECS in accordance with this ordinance.

Owner/Operator, Mineral Extraction - means an owner, lessee or any other person engaged in or preparing to engage in excavation operations, mining operations or quarrying operations, or any other person engaged in or preparing to engage in these activities.

Ordinary High Water Mark (OHWM) - The line between upland and bottomland which persists through successive changes in water levels below which the presence and action of the water is so common or recurrent that the character of the land is marked distinctly from the upland and is apparent in the soil itself, the configuration of the surface of the soil, and vegetation; or the ordinary high water mark for a water body as determined by the Leelanau County Circuit Court as defined by the Inland Lake Level Act, Part 307 of Michigan's Natural Resources and Environmental Protection Act, P.A. 451 of 1994, as amended.

Parent Parcel - A parcel or tract of land lawfully in existence on the effective date of this Ordinance.

Park - ~~Park~~ is any non-commercial recreational area.

Park Model Recreational Vehicle (PMRV) - A seasonal use recreational unit/vehicle (formerly referred to as recreational park trailers) built on a single trailer chassis, initially mounted on wheels, that was designed to be towed from time to time, and may be connected to utility service. ~~with a gross trailer area not exceeding 400 square feet in set-up mode, fixed in location by permanent attachment to utility services and/or otherwise fixed to the ground, and sited in RV parks or campgrounds. PMRVs must be certified by the American National Standards Institute (ANSI) A119.5 Park Model Recreational Vehicle Standard. PMRVs are excluded from the definition of a manufactured home under regulations of the U.S. Department of Housing and Urban Development (HUD) specifically because they are a type of RV (24 C.F.R. § 3282.8(g)).~~

Practical Difficulty - The property in question cannot be put to a reasonable use if used under conditions allowed by the official controls, the plight of the landowner is due to circumstances unique to his or her property not created by the landowner and the variance, if granted, will not alter the essential character of the locality. Economic considerations alone shall not constitute a practical difficulty if reasonable use for the property exists under the terms of the ordinance.

Pre-Existing Towers and Pre-Existing Antennas - Any tower or antenna for which a building permit or special use permit has been properly issued prior to the effective date of this Ordinance, including permitted towers or antennas that have not yet been constructed so long as such approval is current and not expired.

Private Garage - An enclosed building or semi-open carport designed for non-commercial residential storage

Private Road - Any accesses whether they are easements, ways, private drives common areas or otherwise by which more than **three (3)** ~~four (4)~~ lots or residential units are bounded by common motor vehicle access , or through which common motor vehicles access passes to the nearest public road.

Private Wind Energy System - Wind energy system that is used to generate electricity or produce mechanical energy for use on the property where located. A wind energy system that does not exceed the maximum thirty (30) kilowatt generator size and the sale of excess electric power is allowed only via net metering.

Processing, Mineral - means the washing, sorting, crushing, aggregating, grinding, blending, mixing, loading/unloading, storage or cutting of soil, clay, sand, gravel, cobbles, stone, minerals or non- metallic minerals.

Public Utility - Any person, firm, corporation, municipal department or board duly authorized to furnish and furnishing, under government regulation, to the public, transportation, water, gas, electricity, telephone, steam, telegraph or sewage disposal and other services.

Pure Tone - A pure tone consists of a single frequency or a combination of a single frequency and its harmonics. A pure tone is defined to exist if the one-third (1/3) octave band sound pressure level in the band, including the tone, exceeds the arithmetic average of the sound pressure levels of the two (2) contiguous one-third (1/3) octave bands by five (5) dB(A) for center frequencies of five hundred (500) Hz and above, by eight (8) dB(A) for center frequencies between one hundred and sixty (160) Hz and four hundred (400) Hz, or by fifteen (15) dB(A) for center frequencies less than or equal to one hundred and twenty-five (125) Hz.

Recreation Facility - A privately or publicly owned facility, including buildings and property used for the purpose of recreation. Including but not limited to: golf courses, skiing operations, swimming, athletic fields, riding stables, health and fitness centers, tennis courts.

Recreational Vehicle - A vehicle or vehicular-type unit, primarily designed as temporary living quarters for recreational camping or travel use, which either has its own motor power, or is mounted on or drawn by another vehicle which is self-powered. Recreational units/ vehicles shall include travel trailers, camping trailers, motor homes, truck campers, slide-in campers and chassis-mounted campers. Recreational vehicle shall not include Park Model RVs.

Restaurant - A facility whose principal business is the sale of food and/or beverages to customers in a ready-to-consume state, and whose principal method of operation includes one or more of the following characteristics:

- a. Customers ~~ordering from a normally provided with an individual~~ menu are served their food and beverage by a restaurant employee inside or outside, at the same table or counter at which food and beverage are consumed; or
- b. A cafeteria-type operation where food and beverage generally are consumed within the restaurant building.;
- c. Take-out, take away operations, whether food is consumed on or off-site;**
- d. Mobile catering operations, food trucks, mobile food operations, restaurant “pop-ups,” or other temporary food service operation ~~and start-ups.~~**
- e. ~~A drive-through window where food and/or beverages are served to patrons in motor vehicles.~~

~~The term “Restaurant” shall not be interpreted to mean or include a “food truck” or mobile food operation.~~

Retail Store - A store, market or shop in which commodities are sold, or offered for sale to the retail trade.

River - as used in this ordinance refers to the definition of rivers, streams, creeks, drains, channels, etc. found within the Michigan Inland Lakes and Streams Act, Part 301 of P.A. 451 of 1994, as amended.

Riverfront Setback Line - the minimum required principal structure setback from the ordinary high-water mark.

Road - Any public or semi-public thoroughfare, except alleys, in the Leelanau County, Centerville Township road system, including Federal and State highways and County roads.

Roadside Stands - Shall mean any accessory structure or building, but expressly prohibits vehicles, located along the roadway, (Section 9.3 Roadside Stands – Agricultural District) , used or intended to be used solely for the purpose of the sale of seasonal farm products, situated upon or adjacent to lands used for farming in conjunction with a ~~single family~~ **farm** residence.

Rotor diameter - The diameter of the circle swept by the rotating blades of a WECS.

Security Lighting - Fixtures and/or practices intended to discourage, or make visible, intrusions on the premises.

Sensitive Areas - **Property included within** Sleeping Bear Dunes National Lakeshore, or an identified habitat for threatened or endangered species, or other designated areas, including those with important natural resources, as identified by Centerville Township, Leelanau County, state, or federal authorities. Such areas may include, but are not limited to:

- Floodplains and floodways
- **Lakeshores, lakes, rivers and streams**
- **Wetlands**
- ~~Environmental areas, such as wetlands and migration routes~~
- High risk erosion areas
- Critical sand dunes
- ~~Priority~~ **Threatened and endangered species critical** habitat areas (if any, i.e., listed by the U.S. Fish and Wildlife Service ~~Michigan Natural Features Inventory~~)
- State/federal/county/Township-owned lands
- ~~Known water well locations from District Health Department~~
- **Parcels subject to conservation and/or historic easements**
- Historic and other cultural resources

These sensitive areas do not dictate land use, but provide additional restrictions that must be considered prior to an appropriate use being developed. Some of the areas that are listed here are already under some degree of control by virtue of State or Local Governmental ownership, or the Michigan Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended. Additionally, State Land Use legislation addresses areas of critical concern.

Sensitive Receiver(s) - Places that are likely to be more sensitive to the exposure of the noise or vibration generated by **commercial** wind energy system(s), **event locations, recreational facilities, commercial uses, etc.** including but not limited to schools, day-care centers, parks, residences, residential neighborhoods, churches, and elder care facilities.

Septage Waste - any human excrement, wastewater or other material or substance removed from a portable toilet, septic tank, seepage pit, cesspool, sewage lift station, Type III marine service station or other enclosure as determined by administrative rules promulgated by the EGLE or within Part 117: Septage Waste of the Michigan Natural Resources and Environmental Protection Act, P.A. 451 of 1994, as amended, MCL 324.11701 *et seq.* but does not include liquid

industrial waste, hazardous waste, petroleum or its constituents, domestic or restaurant solid waste, or other products or waste inconsistent with the Benzie-Leelanau Community Health Department Sanitary Code.

Septage Waste Treatment Facilities - Any piece of, or combination of, equipment, including tank(s), lagoon(s), pipeline(s), filter(s), processor(s), building(s), container(s), or other structure(s) used for actively or passively treating, storing, or settling Septage Waste, including equipment used to store, filter, or treat Septage Waste prior to disposal by land application.

Service Establishment - A store, market or shop in which services are sold, or offered for sale, to the public such as gasoline stations, garages, repair shops, laundries, warehouses, printing houses, barber shops and beauty parlors, etc.

Setback - The minimum distance from the lot line within which no buildings or structures, including overhangs, may be placed, except as otherwise provided in this Ordinance.

a. Front: Minimum distance, extending the full lot width, between the principal building or structure and the front lot line, **including the minimum horizontal distance between a building or structure setback line and a lot line or the ordinary high water mark, as determined by the lot or parcel.**

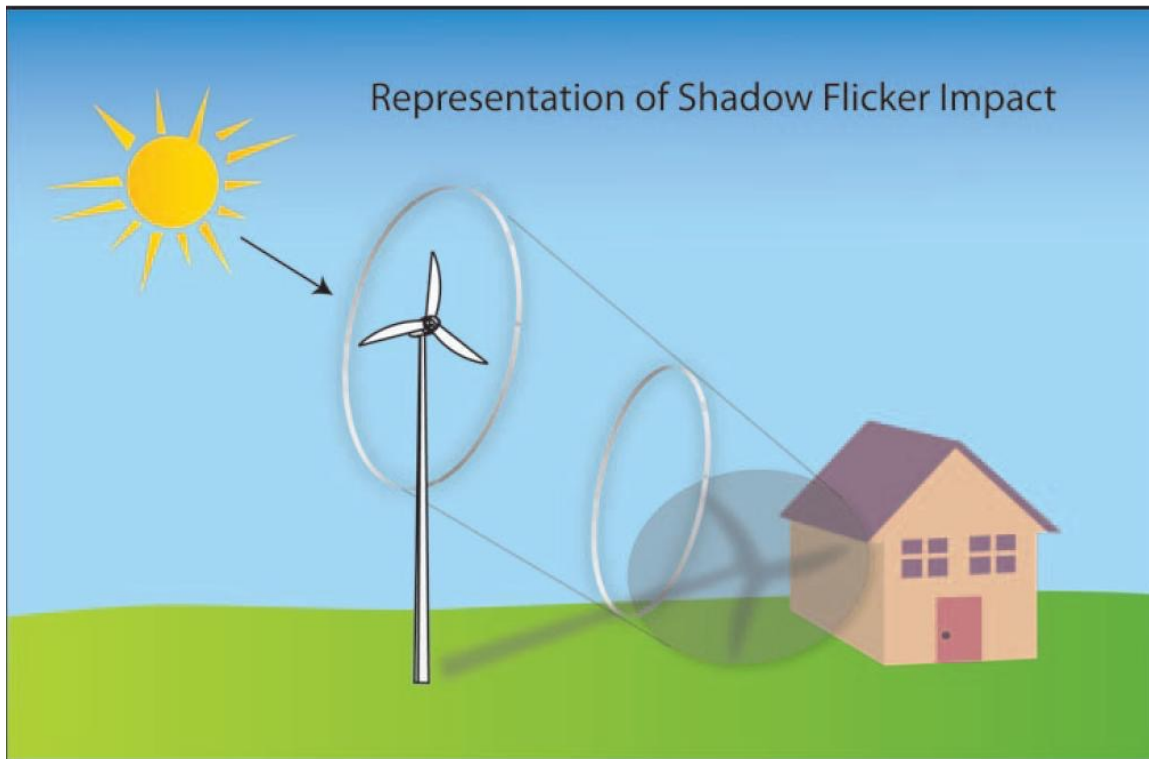
b. Rear: The minimum required distance, extending the full lot width, between the principal and accessory buildings and the lot line opposite the front lot line.

c. Side: The minimum required distance, extending from the front setback to the rear setback, between the principal and accessory buildings and the side lot line.

Setback Lines - Shall mean lines established parallel to a property line along adjacent properties, roads or water's edge for the purpose of defining limits within which a building or structure or any part thereof (including eaves, chimneys, bay windows, decks, etc.) may be erected.

Shadow Flicker - The effect produced when the blades of an operating wind energy system pass between the sun and an observer, casting a readily observable, moving shadow on the observer and his/her immediate environment.

Shadow Flicker Zone - The area affected throughout the year by a moving shadow created by the sun shining on the rotating blades of a WECS.



Shielding - Permanently installed shade, cowl or baffle for the purpose of limiting or directing light from a lighting source.

Sign - Any device, structure, fixture, placard or other object used for the display of any message.

Single Family Dwelling - A building containing one dwelling unit and designed for, or occupied by, only one family.

Soil Erosion and Sedimentation Control Act Agency - the Soil Erosion and Sedimentation Control Officer, Leelanau County enforcing the provisions of Part 91: Soil Erosion and Sedimentation Control Act; Michigan's Natural Resources and Environmental Protection Act, P.A. 451 of 1994, as amended.

Special Land Uses Permitted by Special Approval - Special land uses permitted by special approval are uses and structures which have been generally accepted as reasonably compatible with the primary uses and structures within the zoning district, but could present potential injurious effects upon the primary uses and structures within the zoning district and therefore require special consideration in relation to the welfare of adjacent properties and to the community as a whole. All such proposed uses shall be subject to a public hearing and Site Plan approval by the Planning Commission.

Site Plan - All documents pertinent to a development or special land use; including drawings, tables, surveys, testing data, etc. that will be evaluated to determine if a proposed development meets the requirements of this Ordinance.

Split - One or more parcels that result from a land division as defined by the Michigan Land Division Act, P.A. 591 of 1994, as amended (1967 PA 288, MCL 560.101, *et seq.*).

Stable, Commercial - A land use where animals such as horses are bred, reared, trained, ridden and/or boarded for remuneration.

Stable, Private - A land use where animals such as horses are kept for private use by the occupants of the parcel and are not for hire, remuneration or sale.

Steep Slopes - slopes on land of eighteen (18%) percent or greater.

Stream Bank - the line between upland and bottomland that persists through successive changes in water levels within rivers, streams, creeks, drains and similar waterways below which the presence and action of the water is so common or recurrent that the character of the land is marked distinctly from the upland and is apparent in the soil itself, the configuration of the surface of the soil, and the vegetation.

Street - a public thoroughfare which affords a principal means of access to abutting property.

Structure - anything constructed or erected, the use of which requires permanent location on the ground or attachment to something having such location on the ground.

Structure, Principal - Structures primarily intended for or directly related to human occupation, including dwellings, attached garages, attached decks and other attached structures, parking areas, and water and septic structures, if any. Principal structures do not include detached garages, pole barns and other detached structures such as detached decks, patios, gazebos, walkways, boardwalks, boat hoists, docks, etc. or other accessory structures not primarily intended for dwelling.

Substantial Construction - a continuous on-site physical construction program that has progressed to a point where 25% or more of a total project is completed within one (1) calendar year, or where 25% or more of the total cost of the project has been expended for materials which are at the site.

Total Height Small Wind Energy Conversion System (WECS) - The vertical distance from the average grade at the base of the small WECS tower or building (for building-mounted WECS) to the top of the small WECS blade when the tip is at its highest point.

Tower - Any structure that is designed and constructed primarily for the purpose of supporting one or more antennas for telephone, radio and similar communication purposes or commercial WECS, including self-supporting lattice towers, guyed towers, monopole towers, or poles. The term includes, but is not limited to, radio and television transmission towers, microwave towers, common-carrier towers, cellular telephone towers, alternative tower structures, and the like. The term includes the structure and any support thereto.

Trailer Homes - Any RV, house trailer, **park model recreational vehicle**, or camper trailer or similar unit used or so constructed as to permit it to be used as a seasonal or vacation type home for sleeping or housekeeping by one (1) or more persons.

Trailer Parks - Any size lot, field, tract or parcel of land upon which four (4) or more occupied trailer homes are harbored either free of charge or for revenue purposes, as licensed by the Michigan Department of Community Health, having such required accessory buildings as central shower and toilet facilities, central laundry and utility building, also recreational facilities such as playground areas, etc., all designed and used primarily to serve transient or seasonal type guests in said trailer park.

Use - The purpose for which land or a building thereon is designed, arranged or intended to be occupied or used.

Uses Permitted by Right - Uses permitted by right are the primary uses and structures for which the zoning district has been established. Such uses are allowed without a special use permit.

Variance - A modification of the literal provisions of this Ordinance granted when strict enforcement thereof would cause practical difficulty owing to circumstances unique to the specific property on which the modification is granted by the Zoning Board of Appeals.

Vertical Axis WECS Turbine (VAWT) - A WECS mounted on a WECS tower whose blades rotate around a shaft or similar device that is roughly perpendicular to the surface of the ground.

Water Craft - Any vehicle capable of being used on or in a body of water.

Water's Edge - Shall mean the "ordinary high water mark" as defined in Part 301: Inland Lakes and Streams Act of the Michigan Natural Resources and Environmental Protection Act, P.A. 451 of 1994, as amended, as the margin of a water body and/or legally established lake level. MCL 324.30101 *et seq.*

Wetland - Land characterized by the presence of water at a frequency and duration sufficient to support, and that under normal circumstances does support, wetland vegetation or aquatic life, and is commonly referred to as a bog, swamp, or marsh as defined by Part 303: Wetland Protection Act of Michigan's NREPA, P.A. 451 of 1994, as amended, ~~Section 30301(p) of the Act, 1994 PA 451, MCL 324.30301 et seq.(p).~~ and delineated in accordance with the U.S. Army Corps of Engineers' Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Version 2.0, January 2012.

Wind Energy Conversion Systems (WECS) - "Wind Energy Conversion System" (WECS) shall mean any wind-driven device which converts wind energy into electrical or mechanical energy.

~~Wind Energy Conversion System (WECS) - A commercial wind energy system that converts wind energy into electricity through the use of a wind turbine generator and includes the turbine, blades, and tower as well as related electrical equipment. This does not include wiring to connect the wind energy system to the grid.~~

Wind Energy Conversion System (WECS), Small - A WECS which either has a rated capacity of not more than thirty (30) Kilowatts (kW) and is intended to primarily produce electricity for on-site use, or is designed and used primarily to produce mechanical energy for use on the property where located.

Wind Energy Conversion System (WECS) Tower - The monopole, freestanding, or guyed structure that supports a WECS.

Winery - A state-licensed facility where agricultural fruit production is maintained; juice is processed into wine, brandy wine, mixed wine drink, or wine related beverage; and sold at wholesale or retail to the public with or without the use of a wine tasting facility.

Working Farm - Those operations which are growing agricultural products for sale. These sales must contribute to the farm operator's income. The working nature of the farm must be documented including control of the land being used and income documentation such as sales receipts, IRS Schedule F, or other documentation that the township agrees is satisfactory.

Yard - A space open to the sky between a building and the lot lines of the parcel of land on which located, unoccupied or unobstructed by an encroachment or structure, including overhangs, except as otherwise provided by this Ordinance.

A. Front Yard - An open space extending the full width of the lot, the depth of which is the minimum horizontal distance between the front lot line or road right-of-way (whichever is less) and the nearest point of the principal building. There shall be maintained a front yard on each street side of a corner lot, until the property owner (or previous owner) has designated a Front Yard. **The waterfront portion of a yard, if present, shall be considered the front yard.**

B. Rear Yard - A yard extending the full width of the lot, the depth of which is the minimum horizontal distance between the rear lot line and the nearest point of the structure of the principal building. In the case of corner lots, there shall only be one rear yard, which shall be determined by the owner. For parcels abutting a lakeshore, the portion of the yard abutting the lakeshore shall be the rear yard.

C. ~~Rear~~ Side Yard - A yard between the principal building and the side lot line, extending from the front yard to the rear yard, the width of which is the horizontal distance from the nearest point of the side lot line to the nearest point of the structure of the principal building.

ARTICLE III GENERAL PROVISIONS

Section 3.1 Scope

Except as otherwise provided in this Ordinance, no lot or parcel of land, no existing building, structure or part thereof and no new building, structure or part thereof shall hereafter be located, erected, constructed, reconstructed, altered or used for a purpose other than in conformity with the provisions of this Ordinance.

Any use of land not specifically permitted is prohibited, except that the Zoning Board of Appeals shall have the power to **interpret** a use which is not specifically mentioned along with a comparable permitted or prohibited use for the purpose of clarifying the use regulations in any district, if so petitioned and in accord with the requirements of Article XX. If the Zoning Board of Appeals finds no comparable uses based on an examination of the characteristics of the proposed use, it shall so state and the Planning Commission may be petitioned to initiate an amendment to the text of the Ordinance to establish the appropriate district(s) type of use (by right or special use), and criteria that will apply for that use. Once the Ordinance has been amended to include the new regulations, then an application can be processed to establish that use.

Section 3.2 Essential Public Services

Existing utilities, communications towers and transmission lines may continue to be operated and maintained, but no new essential public service construction other than poles, wires, and the usual underground utilities shall be started without first obtaining the approval of the Planning Commission. **This provision is subject to the Electric Transmission Line Certification Act, Public Act 30 of 1995, as amended, MCL 460.561 through 460.575; the Michigan Highway Obstructions and Encroachments Act, Public Act 369 of 1925, as amended, MCL 247.171 through 247.191; Small Wireless Communications Facilities Deployment Act, Public Act 365 of 2018, MCL 460.1301 through 460.1339; Public Act 233 of 2023, governing siting of solar, wind, and energy storage facilities, MCL 460.1221 through 460.1232; and other applicable statutes.**

Section 3.3 Yard Area & Lot Relation

Every building hereafter erected shall be located on a parcel of land with the current deed, land contract, or lease on file with the Leelanau County Register of Deeds or on a lot or parcels of land the description of which shall be contained in a bona fide land contract or lease which is in full force and effect at the time of application for a permit under this Ordinance.

Section 3.4 Permit Requirements

Subject to all other terms and conditions of This Ordinance, a Land Use Permit shall include legal description, length and width of lot, dimensional size and location of all structures to be erected, water supply and sewage system. It shall also include compliance with the regulations of any applicable local, state or federal agencies.

Section 3.5 Fire Hazard

To reduce fire hazards, no building or structure nor any part thereof, may be erected or maintained closer than **twenty (20)** ~~ten (10)~~ feet to any other building, structure, or neighboring property line.

Section 3.6 Driveways & Private Roads

Section 3.6.1 Purpose:

The purpose of this Ordinance is to facilitate safe and efficient traffic movement and vehicular access in the Township. The standards in this Ordinance are intended to protect the public health, safety, and welfare, to minimize congestion and potential for accidents, and to ensure year-round access to property under emergency conditions. The regulations and standards of this Ordinance apply to all properties in the Township. The requirements and standards of this Ordinance shall be applied in addition to the requirements of the Michigan Department of Transportation, Leelanau County Road Commission, Leelanau County Drain Commission/Soil Erosion Officer and other provisions of this Ordinance.

Section 3.6.2 General Requirements

1. Approval under this Ordinance shall be required prior to any and all of the following:
 - a. Construction of a new driveway;
 - b. Expansion or extension of an existing driveway;
 - c. Construction of a new private road;
 - d. Expansion or extension of an existing private road;
 - e. Creation or dedication of any non-public easement, right-of-way or access serving any land division or lot split;
 - f. Creation or dedication of any non-public easement, right-of-way or access serving any site condominium, plat or other group of residential or commercial units;
 - g. Construction or expansion of any land use along a private road which has been determined inadequate for passage of emergency vehicles.
2. A request for approval of a private road under this Ordinance shall be considered a request for site plan approval under the Michigan Zoning Enabling Act. The decision on such a request shall be made using the procedures and standards in this Ordinance. The decision shall be made by the official or body who decides the application for the underlying land use approval. The Zoning Administrator shall determine compliance with this Ordinance regarding stand-alone requests related to driveways, creation or dedication of any non-public easement, right-of-way or access serving any land division or lot split. The Planning Commission shall determine compliance with the ordinance regarding stand-alone requests related to private roads. Requests for variances shall be decided by the Zoning Board of Appeals.
3. With the exception of variances, a request for approval under this Ordinance will be granted if it meets the requirements of this Ordinance, other applicable ordinances, and state and federal statutes; and if it will protect the public health, safety, and welfare, minimize congestion and potential for accidents, and ensure year-round access to property under emergency conditions.
4. The approving body or official may approve or deny a request under this Ordinance. The approving body or official may impose conditions that are reasonably related to the intent, requirements and standards in this Ordinance.

Section 3.6.3 Driveways

An access serving four or fewer residential units or lots, or a maximum of one commercial or industrial use, is a driveway. A driveway shall meet the following standards:

1. Culverts, if installed, shall be in line with and on the same grade as the road ditch.
2. Driveways within twenty (20) feet of a public or private road shall be aligned to intersect perpendicular to the existing public or private road wherever practical, but in no case shall a driveway intersect with a public or private road at an angle greater than 110 degrees or less than 70 degrees.
3. No portion of the driveway entrance within the right-of-way shall have a grade of greater than ten percent (1 foot vertical rise in 10 feet of horizontal distance).
4. The driveway shall meet clear vision standards of the Leelanau County Road Commission.
5. Residential driveways serving single family or two family dwellings shall be a minimum of 50 feet from the nearest right-of-way line of an intersecting road or street.
6. Vehicle ingress and egress points for commercial or industrial land uses shall not be closer than 100 feet to the intersection of any two public streets, or closer than 80 feet to an adjacent driveway within a Commercial or Industrial district.
7. All driveways leading to dwellings, garages, or accessory structures shall have a compacted gravel or paved surface, and shall be designed to minimize erosion.
8. Driveways constructed after the effective date of this Ordinance along major and minor thoroughfares shall align with existing or planned driveways, crossovers, turn lanes or other access features where reasonably feasible. The resulting alignment shall provide safe access and meet all requirements of this Ordinance, the Leelanau County Road Commission, and the Michigan Department of Transportation .
9. The location of new driveways shall conform with road improvement plans or corridor plans that have been adopted by the Township or Leelanau County Road Commission or Michigan Department of Transportation.
10. Each driveway must have a 20 foot right of way, a 12 foot wide clear zone and 12 foot width.

Section 3.6.4 Plan and Profile

Plan and profile drawings of a proposed private road shall be prepared by a Professional Engineer in detail complete enough to be used as construction plans. The drawings shall show the proposed gradients of such roads and the location of drainage facilities and structures, along with any other pertinent information. The maximum grade permitted shall be 12%, although shallower grades are required, dependent on length, according to the following:

<u>Gradient</u>	<u>Maximum Length</u>
Over 8% to 10%	-- 900 feet
Over 10% to 12%	-- 300 feet

Sight distance and horizontal and vertical alignment shall be based on a minimum design speed of 20 miles per hour and shall be in accordance with the American Association of State Highway and Transportation Officials' (AASHTO) "Policy of Geometric Design of Highways and Streets," under the designation of "Recreational Roads". The maximum grade at intersections and turnaround areas shall be 2%. The minimum radius for turnaround areas shall be 60 feet. Vertical and horizontal curves shall be used at all changes in grade or direction.

Section 3.6.5 Clearing and Grubbing

All trees, stumps, brush and roots thereof shall be entirely removed from within the grading limits of a private road. All graded areas shall have topsoil replaced, be seeded, fertilized and mulched in accordance with Leelanau County Conservation District office recommendations.

Section 3.6.6 Grading

The presence of anything other than granular materials in sub-grade soil shall require undercutting and full width placement of a minimum of 12 inches of granular sub-base under a private road. All peat and mulch shall be removed from the sub-grade. The level of the finished sub-grade shall be at least 2 ½ feet above the water table. Prior to engaging in any earth change activity within five-hundred (500) feet of a lake, river or stream, a valid soil erosion and sedimentation control permit is necessary from the Leelanau County Soil Erosion and Sedimentation Control Officer.

Section 3.6.7 Drainage

1. A drainage plan, submitted on a topographic map with no larger than 5-foot contour intervals shall be submitted, indicating the manner in which surface drainage is to be disposed of.
2. Drainage ditches shall be constructed on each side of a private road in cut sections and in fill sections when required. Ditches shall be of sufficient depth to permit placing of future connecting driveway entrance culverts.
3. In no case shall runoff be diverted beyond the limits of the properties serviced by the road or the road itself onto adjacent property unless appropriate easements are obtained.
4. A crown of sufficient slope to ensure drainage shall be obtained across the width of the traveled-way for either gravel- or bituminous-surfaced roads.
5. The drainage plan shall meet the requirements of the Leelanau County Conservation District office and Leelanau County Drain Commissioner.

Section 3.6.8 Length, Width and Vertical Clearance

1. The recorded right-of-way, traveled way, shoulders, utility areas and cleared zones shall have the minimum dimensions shown below.

Figure 1 - Private Access Road Dimensions

#Lots/Residences to be served	Traveled Way Width	Shoulder Width	Minimum Clear Zone	Utility Area (one side)	Recorded ROW Easement
All measurements in feet					
1 through 4	See section 4.8.3 <i>Driveway</i>				
5 through 10	16	2	20	6	30

11 through 16	18	2	22	8	35
17 through 49	20	3	26	10	40
50 or more lots	22	5	32	10	50

2. Minimum traveled way and/or minimum cleared zones may be reduced if required in writing by another governmental agency for environmental reasons.
3. The traveled way width must be set back from any properties not serviced by the road by at least 10 feet unless appropriate easements are obtained.
4. The maximum distance of a private access road shall be four thousand 4,000 feet as measured from a public road to the end of the farthest turn-around. If the distance is greater than 4,000 feet, or for a subdivision creating a total of 50 or more lots, one or more additional connections to a public road or to an adjacent private road of similar specifications are required.
5. Overhead clearances under bridges or tree branches shall be maintained at 14 feet over a twelve 12 foot width in order to allow free passage of large emergency vehicles.

Section 3.6.9 Gravel or Bituminous Base

A six-inch aggregate finish course of 23A processed road gravel (Michigan Department of Transportation Standard Specifications) shall be placed and compacted for gravel roads. Bituminous-surfaced roads require a compacted six-inch aggregate base course of 22A processed road gravel.

Section 3.6.10 Shoulders

Shoulder material shall be compacted so as not to rut or displace under traffic. Shoulder design and ditch construction shall meet all other recommendations of the County Conservation District and Drain Commission offices.

Section 3.6.11 Guardrail

Guardrails shall be required at fill sections where the embankment is greater than six feet in height and the fill slope is steeper than 1 on 3. The construction of 1 on 3 slopes is preferred over the use of guardrails and is required where practical. Where guardrails or posts are used, shoulders shall be constructed two feet wider than the standard without guardrails.

Section 3.6.12 Surfacing

If hot mix asphalt (HMA) paving is used on a private access road, it shall be placed on at least six inches of compacted 22A aggregate. The HMA course shall be laid by an MDOT-prequalified contractor at a rate of at least 200 pounds per square yard of Coarse Aggregate Top Course (CATC) (Leelanau County Road Commission special provisions) and may be applied in one course.

Section 3.6.13 Private Road Names

Private roads shall be named and designed in the manner required by the Leelanau County Address Ordinance. The Applicant shall place private road name signs at all intersections of the private road and any other private or public road.

Section 3.6.14 Private Road Alignment

Private roads shall intersect with all other roads as closely to 90 degrees as practical, and in no case at less than 80 degrees. Where the proposed continuation of an access road at an intersection is not in safe alignment with the opposing road, it must not intersect the crossroad closer than 175 feet from the opposite road, as measured from the centerline of each road. The end of any private road must provide for turn-around of large vehicles, with a loop, a cul-de-sac, a wye or a rectangular area of sufficient length, width and radius to accommodate a 40-foot-long single-unit vehicle such as a fire truck.

Section 3.6.15 Access Across Other Property

This Ordinance applies to the entire length of a private road, even if it crosses property owned by others.

Section 3.6.16 Materials

All materials incorporated in the work shall meet the specifications called for, or be approved by, a Professional Engineer.

Section 3.6.17 Maintenance Agreement

An application for approval of a driveway serving more than one (1) property or a private road shall include a proposed maintenance agreement. The maintenance agreement shall be in recordable form and shall bind all future owners of property along the private road or the extension of the private road, as applicable. Neither the division of lots nor the construction of the private road shall occur until the maintenance agreement has been approved and has been recorded with the Register of Deeds. At a minimum, the maintenance agreement shall include these requirements:

1. All decisions about improvements and maintenance are to be approved by a majority vote of property owners served by the private road.
2. The owner of each property served by the road shall be responsible for payment of costs apportioned to his or her property.
3. Other owners of property served by the road have the right to bring an action against any delinquent property owner to foreclose a lien or otherwise collect sums owed.
4. The owners of property served by the road are responsible to maintain the road and drainage easement in compliance with this Ordinance.
5. The road shall be maintained year-round.

Section 3.6.18 Traffic Signs, Speed Limits and Non-Motorized Uses

1. The approving body or official may require stop, yield or other traffic signs as a condition of approval, as necessary to fulfill the intent and requirements of this Ordinance, and to protect public safety and welfare, including the safety and welfare of pedestrians and non-motorized users.
2. The approving body or official may require speed limits, including the posting of speed limit signs as a condition of approval, as necessary to fulfill the intent and requirements of this Ordinance, and to protect public safety and welfare, including the safety and welfare of pedestrians and non-motorized users.
3. The approving body or official may require bike lanes or non-motorized trails as a condition of approval, as necessary to fulfill the intent and requirements of this Ordinance, and to protect public safety and welfare, including the safety and welfare of pedestrians and non-motorized users.

Section 3.6.19 Non-Conforming Private Roads

Existing private roads at the time this Ordinance becomes effective that do not meet all design requirements may continue to be used provided that the safety features necessary for passage of emergency vehicles are met prior to the issuing of any new land use permit for property to be served by the road. Verification of safety adequacy by the Township Fire Chief, or designee, is required in such cases before land use permits are issued. If the Fire Chief or designee determines the road is not adequate for passage of emergency vehicles, approval of a site plan for necessary upgrades is required. Any required upgrades shall be made in the entire stretch of private road between the property where the land use permit is issued and the public road. Any Applicant for a land use permit who claims hardship as a result of this provision may request a variance under Section 3.6.21.

Section 3.6.20 Enforcement

1. A violation of this Ordinance is a civil infraction. If the Township requests that a person correct a violation, each day that the violation is not corrected is a separate infraction.
2. A violation of this Ordinance is also a nuisance *per se*. The Township may bring an action for injunctive relief to correct the violation, as well as to seek any other relief that is appropriate under the circumstances.
3. The remedies in this section are cumulative.

Section 3.6.21 Driveway and Private Road Variances

1. A person may apply to the Zoning Board of Appeals (ZBA) for a **dimensional** variance from one or more requirements of this Ordinance.
2. A **dimensional** variance may only be granted upon a finding that at least one of the two following conditions have been met:
 - a. A variance or exemption is required in order to comply with conflicting a County or State law, ordinance or regulation.

- b. A practical difficulty will result from the strict application of the requirement.
3. In addition to the findings in (2), in order to grant a variance the ZBA must also find that all of the following are met:
 - a. The variance will not be detrimental to the public health, safety or welfare;
 - b. The variance will not be injurious to other property;
 - c. The variance will not nullify the intent this Ordinance or the Master Plan.
4. The ZBA may impose any and all conditions on the granting of a variance that are reasonably related to the intent, requirements and standards in this Ordinance.

Section 3.7 Signs

To discourage and restrict the use of signs, the following provisions permitting the erection and maintenance of signs will be construed in the light of the following:

- A. No sign shall be erected without first obtaining a permit from the Zoning Administrator.
- B. Signs of not more than thirty-two (32) square feet in area shall be permitted on any unimproved real estate in any Residential District, provided they are located not less than five hundred (500) feet from any existing residence. Such signs shall be permitted on any real estate in all other Districts. No business shall be entitled to more than three (3) roadside signs in the Township.
- C. One identification sign of not more than thirty-two (32) square feet may be erected on the premises as part of any business or activity conducted thereon in any District, except that signs relating to home occupations shall be controlled by Section 5.8.2.A of this Ordinance.
- D. Two (2) signs of not more than thirty two (32) square feet each, without regard to setback lines shall be permitted, when used in connection with a roadside stand, farm or gardening operation lawfully carried on said premises, provided they be removed during the seasons of the year when such produce is not sold.
- E. No poster type signs shall be tacked up on poles or trees or otherwise erected. For sale or for rent signs of not more than six (6) square feet in size may be placed without permit. No Trespassing, no hunting signs and/or identification signs for private residence may be placed without a permit.
- F. For the safety of the general public, no spinners, pennants, flashing lights, internal illumination or other distracting devices may be used in conjunction with any sign or business or residence. **Signs may be illuminated by downward directed, and shield lighting only.**

~~Section 3.8 Boat Houses~~

~~Unless otherwise specifically provided in this Ordinance, Boat Houses constructed on lakes or watercourses in the Township do not have to comply with setback restrictions from such shoreline of lakes or watercourses as would be applicable to other types of structures. A 14' x 24' maximum building footprint and an 18' high peak with a 6/12 gable roof are allowed; no habitable space or decking is allowed. Boat Houses must still comply with side yard setbacks~~

and lot coverage. Boat Houses shall not possess living quarters or be used for any purpose other than that stated in the definition of Boat House in this Ordinance.

Section 3.8 Use of Lots for Lake Access Easements

~~A minimum of one hundred (100') feet of lake frontage is required before granting an easement in accordance with this section. Easements must contain a minimum of twenty-five (25') feet of lake frontage and can only be granted to or held by person's owning property within the same section as the lot to be used for lake access. An easement may only be granted or held by one party.~~

~~The owner of the lake lot used for the lake access easement is required to provide one sanitation facility for each one hundred (100') feet of lake frontage. A minimum of one off-street parking space for each authorized access right must be provided for all lake lots.~~

1. **Water Frontage: Easements** to water lots shall have of a minimum of one-hundred (100) feet of contiguous water frontage for each easement grantee lot. However, an easement to water shall not exceed five hundred (500) feet of contiguous water frontage.
2. In the event water frontage on Lake Leelanau is included in a common area of a site condominium or planned unit development project pursuant to Article 15 of this Ordinance, it shall have a minimum of one hundred (100) feet of contiguous water frontage. However, such common area shall not have more than five hundred (500) feet of contiguous water frontage.
3. Separating and selling the right to use lake access associated with nearby inland acreage is prohibited.
4. **Watercraft rental or any other commercial activity are prohibited on lake access easements.**
5. Granting easements across a previously improved residential lake lot is prohibited, and will void the lake lot as an approved building site.
6. **Buildings and Structures: No buildings or structures, temporary or permanent, shall be constructed or erected on a waterfront easement property, except for temporary toilet facilities as approved by the Benzie-Leelanau District Health Department. Any such sanitation facility must be appropriately screened from public view. In the event that any buildings and/or structures exist on any property proposed for use as an easement to water, other than as specified above, the Planning Commission shall deny the request for special land use approval for an easement to water, or require the removal of said buildings and/or structures as a condition for granting approval.**
7. **Docks, moorings, shore stations and similar facilities: Except as otherwise provided in this subsection, one (1) dock, mooring, shore station or similar facility, to accommodate not more than one (1) boat shall be permitted for the first one hundred (100) feet of contiguous water frontage, and one (1) additional dock, mooring, shore station or similar facility to accommodate not more than one (1) boat, shall be permitted for each additional fifty (50) feet of contiguous water frontage. In the event two (2) or more owners of easement grantee**

lots elect to share a dock, mooring, shore station or similar facility, such dock, mooring, shore station or similar facility shall accommodate not more than one (1) boat for each easement grantee lot sharing the dock, mooring, shore station or similar facility. No dock, mooring, shore station or similar facility shall be constructed within the side setbacks of the property on which it is located. All docks, moorings, shore stations or similar facilities shall be separated by a distance of no less than fifty (50) feet at any given point, and shall not be within thirty (30) feet of a neighboring property riparian interest area. A dock, mooring, shore station or similar facility, located on an easement to water established after (insert date of amendment adoption), that is removed and replaced either on a seasonal basis or permanently, shall be located in conformance with the terms of this paragraph. Storage of petroleum, gasoline, lubricants or other hazardous or toxic substances on a dock shall be prohibited.

8. **Lighting:** Lighting shall be prohibited on easement to water lots except when reasonably required as security. Lighting fixtures shall be downward directed and incorporate full cutoff shielding and shall be installed to not direct any light toward adjoining properties, properties located on an opposite shoreline, buffer zones, water surfaces and the night sky.
9. **Parking:** One (1) parking space shall be provided for each easement grantee lot as defined herein. All driveway and parking areas shall be located within the easement to water lot, and shall not exceed fifteen percent (15%) of the area of the easement to water lot.

10..

11. **Easement to water lots shall meet the requirements of Section XVII: Waterfront Overlay of this Ordinance.**

12. **Restrictions: Easements to water which provide access to lakes other than South Lake Leelanau shall not be permitted.**

Section 3.9 Docks, Moorings and Boats

Unless otherwise specifically provided for in the ordinance, the following shall apply:

- A. ~~On in and lake properties, docks shall be limited to one seasonal dock per one hundred (100') feet of lake lot width, or fifty (50') feet lot which has been grandfathered in. Each legally created lakefront lot shall be entitled to one (1) seasonal dock, one (1) mooring, and one (1) boat hoist/shore station or similar structure. A minimum of two (200) hundred feet of frontage is required for a second dock. Each additional dock or boat hoist/shore station shall require an additional one (100) hundred feet of water frontage.~~
Each legally created lakefront lot shall be entitled to one (1) seasonal dock, one (1) mooring, and one (1) boat hoist/shore station or similar structure. A minimum of two (200) hundred feet of frontage is required for a second dock. Each additional dock or boat hoist/shore station shall require an additional one (100) hundred feet of water frontage.
- B. ~~On in-land lakes, no more than two (2) three motor-boats and four (4) ten (10) watercraft other than motor boats shall be allowed per 100' of lot width, or per lot if the lot is less than 100' in width and grand-fathered in. No more boats and watercraft than this may be stored on hoists, beached, moored, docked, or anchored; no more than one (1) motorboat and one (1) watercraft other than a motorboat shall be allowed for each additional 25' fifty (50) feet of lot width on hoists, beached, moored, docked, or anchored. No person may be allowed to rent slippage or mooring rights unless that person possesses a commercial marina permit.~~
On in-land lakes, no more than two (2) three motor-boats and four (4) ten (10) watercraft other than motor boats shall be allowed per 100' of lot width, or per lot if the lot is less than 100' in width and grand-fathered in. No more boats and watercraft than this may be stored on hoists, beached, moored, docked, or anchored; no more than one (1) motorboat and one (1) watercraft other than a motorboat shall be allowed for each additional 25' fifty (50) feet of lot width on hoists, beached, moored, docked, or anchored. No person may be allowed to rent slippage or mooring rights unless that person possesses a commercial marina permit.

- C. One (1) swimming/diving raft, floating platform, floating trampoline or similar apparatus is allowed per legal waterfront lot. A minimum of two-hundred (200) feet of water frontage is required for a second raft, floating platform, floating trampoline or similar apparatus. Each additional raft, floating platform, floating trampoline or similar apparatus shall require an additional one hundred (100) feet of water frontage.
- D. All waterfront parcels are required to utilize underground utilities within one hundred (100) feet of the waterfront.
- E. Shoreline alterations to riparian properties for onsite boat launching and/or development of launch sites for multiple party use, private or commercial, is prohibited.
- F. Docks may only extend lakeward from the water's edges to a three (3) foot maximum water depth, as measured during the Lake Leelanau summer water elevation of 589.21 feet above mean sea level (amsl).

Section 3.10 Maximum Height

In order to preserve the pastoral character of the area, no building or structure or any part thereof shall be constructed having a height greater than **thirty-two (32)** ~~forty (40)~~ feet or 2.5 stories. This requirement does not include antenna systems or communications towers that might require a greater height for adequate signal reception, WECS/windmill towers, or any structure actively used for agricultural purposes.

Section 3.11 Completion

Any structure requiring a Land Use Permit must be completed on the exterior surface with a suitable finishing material, within one (1) year from date of issuance of the Land Use Permit. If hardship can be shown, only on approval of the Zoning Administrator a Land Use Permit may be renewed for one (1) additional year by payment of an additional fee.

Section 3.12 Trailer Homes

A maximum of **one (1)** ~~two (2)~~ trailer homes may be located on any parcel of land in the Residential I, Residential II, ~~Commercial Resort~~, Recreational and Agricultural Districts without issuance of a land use permit, provided the following conditions and limitations are met:

1. Each A trailer home shall:
 - A. Be maintained in a reasonable state of repair and in working condition.
 - B. Meet all applicable set back requirements.
 - C. Not be located in a public right-of-way.
 - D. Not be used for commercial or business purposes.
 - E. Not constitute a public or private nuisance.
 - F. Not be used for residential purposes for more than sixty (60) days in any calendar year.
 - G. Not be used as a permanent dwelling, and;
 - H. Meet Benzie-Leelanau District Health Department requirements for sanitary waste disposal and **potable** water supply.
2. No trailer home shall be located, parked, or stored for a total of more than sixty (60) days in any calendar year, on any parcel of land, on which no permanent dwelling exists, unless inside a barn, garage or other enclosed structure conforming to all requirements of the Ordinance.

3. More than **two (2)** ~~three (3)~~ trailer homes on a parcel of land shall constitute a trailer park.
4. The use of not more than **one (1)** ~~three (3)~~ trailer homes may be permitted on a single parcel of property for a period not to exceed fifteen (15) days in any calendar year with the prior permission of the Zoning Administrator.

Section 3.13 Bed and Breakfast Establishments

Bed and Breakfast establishments shall be allowed as a **Special Land Conditional** Use in all land use districts providing they comply with the following for their guests:

- A. One off-street parking space for each bedroom.
- B. Two exits from within the structure.
- C. One working smoke detector in each bedroom and on each floor of the establishment.
- D. One identification sign shall be permitted and shall conform to Section 5.2.A.2.
- E. A register of guests shall be maintained by the bed and breakfast establishment.
- F. A floor plan of the dwelling shall be submitted to the Zoning Administrator prior to issuance of the Land Use Permit.

Section 3.14 Mobile Homes

All the requirements of the Leelanau County Department of Building Safety must be complied with and final occupancy inspection granted. The township requires all mobile homes be skirted within thirty (30) days of placement on lot.

Section 3.15 Towers and Antennas

The intent and purpose of this section is to establish general guidelines for the siting of towers and antennas. The goals of this Ordinance are to:

- A. protect residential areas and land uses from potential adverse impacts of towers and antennas;
- B. encourage the location of towers in non-residential areas;
- C. minimize the total number of towers throughout the community;
- D. strongly encourage the joint use of new and existing tower sites as a primary option rather than construction of additional single-use towers;
- E. encourage users of towers and antennas to locate them, to the extent possible, in areas where the adverse impact of the community is minimal;
- F. encourage users of towers and antennas to configure them in a way that minimizes the adverse visual impact of the towers and antennas through careful design, citing, landscape screening, and innovative camouflaging techniques;
- G. enhance the ability of the providers of services to provide such services to the community quickly, effectively and efficiently;
- H. consider the public health and safety of towers; and
- I. avoid potential damage to adjacent properties from tower failure through proper engineering and careful citing of tower structures.

In furtherance of these goals, Centerville Township shall give due consideration to the Centerville Township master plan, zoning map, existing land uses, and environmentally sensitive areas in approving sites for the location of towers and antennas.

A. Specific definitions:

As used in this section, the following terms shall have the meanings set forth below:

1. Alternative tower structure means man-made trees, clock towers bell steeples, light poles and similar alternative design mounting structures that camouflage or conceal the presence of towers or antennas.
2. Antenna means any exterior transmitting or receiving device mounted on a tower, building or structure that radiates or captures electromagnetic waves, digital signals, analog signals, radio frequencies, wireless telecommunication signals or other communication signals.
3. Backhaul network means the lines that connect a provider's towers/cell sites to one or more cellular telephone switching offices, and/or long distance providers, or the public switched telephone network.
4. FAA means the Federal Aviation Administration.
5. FCC means the Federal Communication Commission.
6. Height means, when referring to a tower or other structure, the distance measured from the finished grade of the parcel to the highest point on the tower or other structure, including the base pad and any antenna.
7. Preexisting towers and antennas means any tower or antenna for which a building permit or special use permit has been properly issued prior to the effective date of this Ordinance, including permitted towers or antennas that have not yet been constructed so long as such approval is current and not expired.
8. Tower means any structure that is designed and constructed primarily for the purpose of supporting one or more antennas for telephone, radio and similar communication purposes, including self-supporting lattice towers, guyed towers, monopole towers or poles. The term includes, but is not limited to radio and television transmission towers, microwave towers, common-carrier towers, cellular telephone towers, alternative tower structures and the like. The term includes the structure and any support thereto.

B. Applicability:

1. New towers and antennas. All new towers or antennas in Centerville Township shall be subject to these regulations, except as provided in paragraphs B(b) through B(d) inclusive of this section.
2. Amateur Radio Station Operators/Receive only Antennas. This Ordinance shall not govern any tower, or the installation of any antenna, that is under sixty (60) feet in height and is owned and operated by a federally-licensed amateur radio station operator or is used exclusively for receive only antennas.
3. Renewable energy towers. This Ordinance shall not govern any tower, or the installation of any tower, that is under one-hundred (150) feet in height and is owned and operated by an individual and used for the generation of renewable energy.
4. Preexisting Towers or Antennas. Preexisting towers and antennas shall not be required to meet the requirements of this zoning ordinance, other than the requirements of paragraphs C(f) and C(g), of this section, provided they are not improved in a way which raises their pre-existing height.
5. AM Array. For purposes of implementing this Ordinance, an AM array, consisting of one or more tower units and supporting ground system which functions as an AM broadcasting antenna, shall be considered one tower. Measurements for setbacks and separation distances shall be measured from the outer perimeter of the towers included in the AM array. Additional tower units may be added within the perimeter of the AM array by right.

C) General Requirements.

- a) Principal or Accessory use. Towers and antennas may be considered either principal or accessory uses. A different existing use of an existing structure on the same lot shall not preclude the installation of a tower or antenna on such lot.
- b) Lot size. For purposes of determining whether the installation of a tower or antenna complies with district development regulations, including but not limited to setback requirements, lot-coverage requirements, and other such requirements, the dimensions of the entire lot shall control, even though the towers or antennas may be located on leased parcels within such lot.
- c) Inventory of existing sites. Each Applicant for a tower or antenna shall provide to the Zoning Administrator an inventory of existing towers, antennas, or sites approved for towers or antennas, that are either within the jurisdiction of Centerville Township or within six miles of the border thereof, including specific information about the coverage area, location, height, and design of each such tower or antenna. The Zoning Administrator may share such information with other Applicants applying for administrative approvals or special use permits under this Ordinance or other organizations seeking to locate towers or antennas within the jurisdiction of Centerville Township, provided, however that the Zoning Administrator is not, by sharing such information, in any way representing or warranting that such sites are available or suitable.
- d) Aesthetics. towers and antennas shall meet the following requirements:
 - 1) Towers shall either maintain a galvanized steel finish or, subject to any applicable standards of the FAA, be painted a neutral color so as to reduce visual obtrusiveness.
 - 2) At a tower site, the design of the buildings and related structures shall, to the extent possible, use materials, colors, textures, screening, and landscaping that will blend them into the natural setting and surrounding buildings.
 - 3) If an antenna is installed on a structure other than a tower, the antenna and supporting electrical and mechanical equipment must be of a neutral color that is identical to, or closely compatible with, the color of the supporting structure so as to make the antenna and related equipment as visually unobtrusive as possible.
- e) Lighting. Towers shall not be artificially lighted, unless required by the FAA or other applicable authority. If lighting is required, the lighting alternatives and design chosen must cause the least disturbance to the surrounding views.
- f) State or Federal Requirements. All towers must meet or exceed current standards and regulations of the FAA, the FCC, and any other agency of the state or federal government with the authority to regulate towers and antennas. If such standards and regulations are changed, then the owners of the towers and antennas governed by this Ordinance shall bring such towers and antennas into compliance with such revised standards and regulations within six (6) months of the effective date of such standards and regulations, unless a different compliance schedule is mandated by the controlling state or federal agency. Failure to bring towers and antennas into compliance with such revised standards and regulations shall constitute grounds for the removal of the towers or antennas at the owner's expense.
- g) Building codes; safety standards. To ensure the structural integrity of towers, the owner of a tower shall ensure that it is maintained in compliance with standards contained in applicable state or local building codes and the applicable standards for towers that are published by the Electronic Industries Association, as amended from time to time. If, upon inspection Centerville Township/Leelanau County concludes that a tower fails to comply with such codes and standards and constitutes a danger to persons or property, then upon notice being provided to the owner of the tower, the owner shall have thirty (30) days to bring such tower into compliance with such standards. Failure to bring such tower into

compliance within said thirty (30) days shall constitute grounds for the removal of the tower or antenna at the owner's expense.

- h) Measurement. For purposes of measurement, tower setbacks and separation distances shall be calculated and applied to facilities located in Centerville Township irrespective of municipal and county jurisdictional boundaries.
- i) Not essential services. Towers and antennas shall be regulated and permitted pursuant to this section of the zoning ordinance and shall not be regulated or permitted as essential services, public utilities or private utilities.
- j) Franchises. Owners and/or operators of towers or antennas shall certify that all franchises required by law for the construction and/or operation of a wireless communication system in Centerville Township have been obtained and shall file a copy of all required franchises with the Zoning Administrator.
- k) Public notice. For the purposes of this section, notice of a public hearing on any special use request, variance request, or appeal of an administratively approved use or special use be made according to the Public Notification Section of the Township Zoning Ordinance, except that personal or mailed notice will also be made to all owners of properties that are located within the corresponding separation distance listed in paragraph C(p)(II) Table 2, of this section.
- l) Signs. No signs shall be allowed on a tower or antenna.
- m) Buildings and support/storage equipment. Buildings and support equipment associated with antennas or towers shall comply with the following requirements:
 - (i) Antennas mounted on structures or rooftops. The equipment cabinet or structure used in association with antennas shall comply with the following:
 - (1) Cabinet or structure shall not contain more than 16 square feet of gross floor area or be more than 6 feet in height. In addition, for buildings and structures which are less than 65 feet in height, the related unmanned equipment structure, if over 16 square feet of gross floor area or 6 feet in height, shall be located on the ground and shall not be located on the roof of the structure.
 - (2) Equipment storage buildings or cabinets shall comply with all applicable building codes.
 - (ii) Antennas mounted on utility poles or light poles. The equipment or cabinet or structure used in association with antennas shall be located in accordance with the following:
 - (1) In the residential/commercial/agricultural districts, the equipment or cabinet or structure may be located:
 - (a) In a front or side yard provided the cabinet or structure is no greater than 4 feet in height or 16 square feet of gross floor area. The cabinet/structure shall be screened by an evergreen hedge with an ultimate height of at least 48 inches and planted height of at least 36 inches, with 85% opacity throughout the year.
 - (b) In a rear yard, provided the cabinet or structure is no greater than 6 feet in height or 16 square feet in gross floor area. The cabinet or structure shall be screened by an evergreen hedge with an ultimate height of eight (8) feet and a planted height of at least 36 inches, with 85% opacity throughout the year.
 - (iii) Antennas located on towers. The related unmanned equipment structure shall not contain more than 100 square feet in gross floor area or be more than 12 feet in height, and shall be located in accordance with the minimum yard requirements of the zoning district in which it is located.
 - (iv) Modification of building size requirements. The requirements of paragraphs C(m)(i) through (iii) may be modified by the Planning Commission to encourage co-location.
- (n) Availability of suitable existing towers, other structures, or alternative technologies. No new tower shall be permitted unless the Applicant demonstrates to the reasonable satisfaction of the Planning Commission that no existing tower, structure or alternative

technology that does not require the use of towers or structures can accommodate the Applicant’s proposed antenna. An Applicant shall submit information requested the Planning Commission related to the availability of suitable existing towers, other structures or alternative technology. Evidence submitted to demonstrate that no existing tower, structure or alternative technology can accommodate the Applicant’s proposed antenna may consist of any of the following:

- (i) No existing towers or structures are located within the geographic area which meets the Applicant’s engineering requirements.
 - (ii) Existing towers or structures are not of sufficient height to meet the Applicant’s engineering requirements.
 - (iii) Existing towers or structures do not have sufficient structural strength to support Applicant’s proposed antenna and related equipment.
 - (iv) The Applicant’s proposed antenna would cause electromagnetic interference with the antenna on the existing towers or structures or the antenna on the existing towers or structures would cause interference with the Applicant’s proposed antenna.
 - (v) The Applicant demonstrates there are other limiting factors that render existing towers and structures unsuitable.
 - (vi) The Applicant demonstrates that an alternative technology that does not require the use of towers or structures is unsuitable. Costs of alternative technology that exceed new tower or antenna development shall not be presumed to render the technology unsuitable.
- (o) Setbacks. The following setback requirements shall apply to all towers; provided, however, that the Planning Commission may reduce the standard setback requirements if the goals or this Ordinance would be better served thereby:
- (i) Towers must be set back a distance equal to at least 100% of the height of the tower from any adjoining lot line.
 - (ii) Guys and accessory buildings must satisfy the minimum zoning district setback requirements.
- (p) Separation. The following separation requirements shall apply to all towers and antennas; provided, however, that the Planning Commission may reduce the standard separation requirements if the goals or this Ordinance would be better served thereby:
- (i) Separation from off-site uses/designated areas.
 - (a) Tower separation shall be measured from the base of the tower to the lot line of the off-site uses and/or designated areas as specified in Table 1 of this section, except as otherwise noted in Table 1.
 - (b) Separation requirements for towers shall comply with the minimum standards established in Table 1 of this section.

Table 1.

Improved unplatted/platted lands in the Residential, Commercial, and/or Agricultural districts.	200 feet or 200% height of tower¹ whichever is greater.
Vacant single-family or duplex Commercial, and/or Agricultural zoned land which is either platted or has preliminary subdivision/site condominium plan approval which is not expired.	200 feet or 200% height of tower¹ whichever is greater.
Vacant unplatted Commercial, and/or Agricultural zoned lands.	100 Feet or 100% of tower height whichever is greater.

¹ Separation measured from base of tower to closest building setback line.

(ii) Separation distances between towers:

- (a) Separation distances between towers shall be applicable for and measured between the proposed tower and preexisting towers. The separation distances shall be measured by drawing or following a straight line between the base of the existing tower and the proposed base, pursuant to a site plan, of the proposed tower. The separation distances (listed in lineal feet) shall be as shown in Table 2 below.

Table 2.

Existing towers - types	Lattice	Guyed	Monopole 75' in height or greater	Monopole less than 75' in height
Lattice	5,000	5,000	1,500	750
Guyed	5,000	5,000	1,500	750
Monopole 75' in height or greater	1,500	1,500	1,500	750
Monopole less than 75' in height	750	750	750	750

- (q) Security Fencing. Towers shall be enclosed by security fencing not less than six feet in height and shall also be equipped with an appropriate anti-climbing device.
- (r) Landscaping. The following requirements shall govern the landscaping surrounding towers for which a special use permit is required; provided however, that the Planning Commission may reduce the standard separation requirements if the goals or this Ordinance would be better served thereby:
- (i) Tower facilities shall be landscaped with a buffer of plant materials that effectively screens the view of the tower compound from property used for residences. The standard buffer shall consist of a landscaped strip at least four (4) feet wide outside the perimeter of the compound.
 - (ii) In locations where the visual impact of the tower would be minimal the landscaping requirement may be reduced or waived.
 - (iii) Existing mature tree growth and natural land forms on the site shall be preserved to the maximum extent possible. In some cases such as towers cited on large, wooded lots, natural growth around the property perimeter may be sufficient buffer.

D) Specific Site Plan Review Requirements for towers and antennas

The following requirements shall be part of the site plan review requirements for towers and antenna in addition to those found in Article XIII, Section 13.1.

- (1) Applicants for site plan review under this section shall be subject to the procedures and requirements of the Zoning Ordinance, except as modified in this section.

- (2) Any information of an engineering nature that the Applicant submits, whether civil, mechanical, or electrical shall be certified by a licensed professional engineer.
- (3) A scaled site plan, elevation drawings and narratives clearly indicating:
 - a. the location, type and height of the proposed towers or antennas;
 - b. on-site land uses and zoning, adjacent land uses and zoning
 - c. Master plan classification of the site and all properties within the applicable separation distances set forth in section C(p);
 - d. Adjacent roadways, proposed means of access;
 - e. Setbacks from property lines;
 - f. Elevation of the proposed tower and any other structures;
 - g. Topography;
 - h. Parking; and
 - i. Other information deemed by the Planning Commission to be necessary to assess compliance with the intent of this zoning ordinance.
- (4) Legal description of the parent tract and leased parcel (if applicable).
- (5) The setback distance between the proposed tower and the nearest residential unit, platted residentially zoned properties, and unplatted residentially zoned properties, including those within the commercial and agricultural districts.
- (6) The separation distance from other towers described in the inventory of existing sites submitted pursuant to Section 3.16.C(c) shall be shown on an updated site plan or map. The Applicant shall also identify the type of construction of the existing tower(s) and the owner/operator of the existing towers.
- (7) A landscape plan showing specific landscape materials.
- (8) Method of fencing, and finishing color and, if applicable, the method of camouflage and illumination.
- (9) A descriptive narrative of compliance with the following sub-sections of Section 3.16.C of this Ordinance:
 - (a) Inventory
 - (b) Aesthetics;
 - (c) Lighting
 - (d) State of Federal Regulations
 - (e) Building codes
 - (f) Franchises
 - (g) Signs
 - (h) Building and support Equipment
 - (i) Setbacks
 - (j) Separation
 - (k) Security fencing
 - (l) Landscaping and
 - (m) All applicable federal, state or local laws.
- (10) A notarized statement by the Applicant as to whether construction of the tower will accommodate collocation of additional antennas for future users.
- (11) Identification of the entities providing the backhaul network for the tower(s) described in the application and other cellular sites owned or operated by the Applicant in the coverage area which has an impact on this application.
- (12) A description of the suitability of the use of existing towers, other structures or alternative technology not requiring the use of towers or structures to provide the services to be provided through the use of the proposed new tower.
- (13) A description of the feasible location(s) of future towers or antennas within Centerville Township based upon existing physical, engineering, technological or geographical limitations in the event the proposed tower is erected.

E) Exempt Tower and Antenna Uses.

Personal towers used for wireless internet access, WECS, TV reception or radios less than 60' in height are exempt from Site Plan Review.

F) Special Land Use Permits.

- 1) A special land use permit shall be required for the construction of a tower or the placement of an antenna in all zoning districts.
- 2) In granting a special use permit, the Planning Commission may impose conditions to the extent the Planning Commission concludes such conditions are necessary to minimize any adverse effect of the proposed tower on adjoining properties.
- 3) Each Applicant for special land use permit approval shall apply to the Planning Commission providing the information set forth in Sections 3.16 C, D & F of this zoning Ordinance and a non-refundable fee as established by resolution of the Centerville Township Board to reimburse the Township for the costs of reviewing the application.
- 4) The Planning Commission shall consider the following factors in determining whether to issue a special use permit, although the Planning Commission may waive or reduce the burden on the Applicant of one or more of these criteria if the Planning Commission concludes that the goals of this Zoning Ordinance are better served thereby:
 - (i) Height of the proposed tower.
 - (ii) Proximity of the tower to residential structures and residential district boundaries;
 - (iii) Nature of uses on adjacent and nearby properties;
 - (iv) Surrounding tree coverage and foliage;
 - (v) Design of the tower, with particular reference to design characteristics that have the effect of reducing or eliminating visual obtrusiveness;
 - (vi) Availability; of suitable existing towers, antennas, other structures, or alternative technologies not requiring the use of towers of structures, as discussed in Section 3.16.C(n).
- 5) The Planning Commission shall prepare a report containing a synopsis of the relevant facts pertaining to the request for a special use permit and then approve, approve with conditions, or deny the request.

G) Removal of abandoned Antennas and Towers.

Any tower or antenna that is not operated for a continuous period for six (6) months shall be considered abandoned, and the owner of such tower or antenna shall remove the same within ninety (90) days of receipt of notice from the Centerville Township Zoning Administrator notifying the owner of such abandonment. Failure to remove and abandoned antenna or tower within said ninety days shall be grounds for the Township to remove the tower at the owners expense. If there are two or more users of a single tower, then this provision shall not become effective until all users cease using the tower.

H) Non-conforming Tower uses.

- (a) Towers that are constructed, and antennas that are installed in accordance with the provisions of this Ordinance shall not be deemed to constitute the expansion of a nonconforming use of structure.
- (b) Preexisting towers shall be allowed to continue their usage as they presently exist. Routine maintenance (including replacement with a new tower of like construction and height) shall be permitted on such preexisting towers. New construction other than routing maintenance on a preexisting tower shall comply with the requirements of this Ordinance.

- (c) Rebuilding damaged or destroyed nonconforming towers or antennas. Notwithstanding paragraph (G) above, bona fide nonconforming towers or antennas that are damaged or destroyed may be rebuilt without having to first obtain a special use permit and without having to meet the separation requirements specified in Sections 3.16.C.(o) & (p). The type, height, and location of the tower on-site shall be of the same type and intensity as the original facility. Building permits to rebuild the facility shall comply with the then applicable building codes and shall be obtained within 180 days from the date the facility is damaged or destroyed. If no permit is obtained or if said permit expires, the tower or antenna shall be deemed abandoned as specified in paragraph (G).

Section 3.16 Guest House

A guest house is defined as an accessory dwelling, detached from the owner-occupied main residence, yet located on the same property, which handles an overflow of company that is visiting said residence for a limited period of time. A guest house will not be used as a rental income producing structure.

Section 3.17 Outdoor Lighting

Section 3.17.1 Intent:

The naturally lit night sky is of value to the character and quality of life in Centerville Township. Concurrently, the health, safety and welfare of residents and visitors depends on appropriate artificial outdoor lighting. Indeed, quality lighting sources and design can contribute to visual acuity, color recognition and visual effectiveness. Accordingly, it is the policy of the Board to generally limit outdoor lighting which would generate light pollution of the night sky and to provide standards for allowable outdoor lighting in various applications, intensities and times consistent with thoughtful, efficient design and energy conservation.

Section 3.17.2 Standards

Outdoor lighting fixture(s) and installations shall conform to the following restrictions, excluding applications of single decorative lamps of less than 70 watts:

1. The fixture shall be **shielded, downward directed**, and designed ~~and/or shielded~~ in such a configuration as to limit all lighting above the fixture from horizontal to the lamp and upward.
2. The fixture and installation are to be designed such that direct views of the lamp are not visible from adjacent properties or public property, including roadways.
3. Fixtures and installations are to be designed in such a way as to minimize energy usage through:
 - A. Optical efficiency of the lamp and fixture.
 - B. High lumen per watt output of the lamp source.
 - C. Use of manual switching, timers and/or motion detectors for minimal usage.
4. All outdoor recreational facilities, including but not limited to tennis courts, outdoor field sports, golf courses and facilities, and ski areas shall be illuminated with fixtures in compliance with the above restrictions and equipped to manually or automatically switch off before 11:30 pm.
5. Spotlights and Floodlights shall be directed generally downward. By exception, signage, buildings and landscaping may be upright only by fixtures less than 70 watts and the

- lighting must light only the intended surface area.
6. Signage may be lit only to the extent that the signage itself is directly lit by the lamp source. The lamp source may not be visible to the passing motorist in either direction.
 7. Pole lighting may not be higher than 22'.
 8. Parking lots may only be lighted during regular business hours + 1hr at closing.
 9. Security lighting of parking lots and buildings is exempt from the above provision, except that Security lighting must comply with articles 1, 2 & 3. If Security lighting is to be wall mounted, it must be oriented downward.
 10. The use of lighting for farming is specifically exempt from the standards of this Ordinance, except that greenhouse and hothouse lighting is to be considered an industrial application.
 11. Other uses as specifically applied for to the Planning Commission may or may not be granted by a majority vote such as: temporary lighting events, night construction operations, sports events, specialized industrial applications, etc.

Section 3.17.3 Applications and Enforcement

1. The Zoning Administrator and Planning Commission are hereby empowered to enforce the provisions of this Ordinance.
2. It is the responsibility of the landowner, user or business to comply with the provisions of this Ordinance.
3. The landowner, user or business shall make application for approval to the Zoning Administrator providing a plan showing number and location of fixtures. Single family residential users are not required to file application, but must still comply with Sections 3.17.1 & 3.17.2 provisions of this Ordinance.
4. The Zoning Administrator will review the project upon completion and upon finding compliance shall grant final approval.
5. If the Zoning Administrator reviews the project upon completion and finds lack of compliance, the project will be referred to the Planning Commission for review.
6. Upon review of any project for compliance with this Ordinance, the Planning Commission may order removal or changes to outdoor lighting at landowner's expense for any project to achieve compliance with both the plan submitted by the landowner, user or business and to achieve compliance with Section 3.22.2. The Planning Commission may base decisions on the information provided by the Applicant, the initial plan application, photometric and technical data on fixtures used, lighting designer or engineer expertise, correspondence and public hearing.

Section 3.18 Small Wind Energy Conversion Systems (WECS)

- A. **Intent.** It is the purpose of this Section to promote the safe, effective, and efficient use of small, noncommercial wind energy conversion systems (WECS) installed to enable the on-site production of electricity and/or mechanical energy.
- B. **Regulations.** Small WECS are a permitted use by right in any district if they meet the standards and regulations of this Section.
 1. **Small WECS Height.** The total small WECS height, as defined in this Ordinance, shall be limited to one-hundred and ten (110) feet.
 2. **Increase in Allowable Small WECS Height.** The Zoning Administrator may allow for an increase in allowable small WECS height by up to an additional thirty (30) feet where site conditions dictate, impact on neighboring properties is minimal,

- and all other requirements of this Section are met, including the setback provisions.
3. **Small WECS Setback.** Small WECS tower setbacks shall be the fall zone, as defined in this Ordinance. If any portion of the fall zone is located on an adjacent lot, the owner(s) of the adjacent lot may consent in writing to the reduced setback and if so shall agree to place deed restrictions. Such deed restrictions shall run with the land on his/her/their adjacent lot prohibiting the construction of any structure on the adjacent lot within the fall zone for as long as the small WECS is erected. The deed restrictions shall be in recordable form and shall be subject to the approval of the township attorney. In no event shall the small WECS setback, including any guy wires, be less than that required within the zoning district in which a small WECS is located.
 4. **Noise.** The Applicant shall provide evidence that a small WECS will not cause sound in excess of 60 dB (A-scale) as measured at any property line or the unreasonable interference with the comfortable use and enjoyment of another's property.
 5. **Electrical Wires.** Other than the wires necessary to connect the small WECS to the tower wiring, lightning protection, tower guy wires and wiring affixed to the tower itself, all wires shall be placed in conduit and located underground as required by the Leelanau County Building/Code Enforcement Department.
 6. **Additional Small WECS.** Up to three (3) small WECS may be permitted at a single parcel of land if all other requirements of this Section and the Centerville Township Zoning Ordinance are met, and the electric generation capacity of all small WECS on the site does not exceed a total of thirty (30) kilowatts (kW).
 7. **Approval Required.** Small WECS shall obtain all permits required from the Leelanau County Building/Code Enforcement Department. The Applicant shall demonstrate to the Centerville Township Zoning Administrator that all components of the proposed small WECS meet all applicable safety standards and that a grid interconnection, if any, is Underwriter Laboratories, Inc. (UL) certified.
 8. **Utility Notification.** No small WECS intended to be connected to the grid shall be installed until evidence has been given that the utility company has been notified of the utility customer's intent to install an interconnected customer-owned generator. Small WECS that connect to the electric utility shall comply with the Michigan Public Service Commission's "Rules for Interconnecting Distributed Generation Facilities." Off-grid small WECS shall be exempt from this requirement.
 9. **Shadow Flicker.** The Applicant shall provide evidence to demonstrate that no shadow flicker will fall on adjacent properties. If a shadow flicker zone is projected to fall on any adjacent lots, the owner(s) of the adjacent lots may consent in writing to the presence of the shadow flicker zone and if so may agree to place deed restrictions. Such deed restrictions shall run with the land on his/her/their adjacent lot acknowledging the existence of a shadow flicker zone. The deed restrictions shall be in recordable form and shall be subject to the approval of the Township attorney.
 10. **Signs.** No signs shall be permitted on a small WECS and no signs shall be permitted on the site of a small WECS, except a sign no more than four (4) square feet in area displaying an address and telephone number for emergency calls and informational injuries and a job site sign no more than four (4) square feet in area which may be maintained between the time a contract is signed for the construction of the small WECS and thirty (30) days after construction is substantially complete.
 11. **Lighting.** A small WECS shall not be artificially lighted.

12. **WECS Tower Color:** WECS towers shall either maintain a galvanized steel finish or be painted a neutral color so as to reduce visual obtrusiveness.
13. **Minimum Rotor Vane or Blade Clearance.** Blades or rotor vanes on small WECS shall have a minimum clearance from the ground or adjacent structures of ten (10') feet for a Vertical Axis WECS Turbine (VAWT), and fifteen (15') feet for a Horizontal Axis WECS Turbine (HAWT).
14. **Abandonment.** A small WECS that is inoperable and has not functioned for at least twelve (12) continuous months shall be deemed to have been abandoned. The Zoning Administrator may issue a Notice of Abandonment to the owner of a small WECS that is deemed to have been abandoned. The Owner shall have the right to respond to the Notice of Abandonment within thirty (30) days from Notice receipt date. The Zoning Administrator shall withdraw the Notice of Abandonment and notify the owner that the Notice has been withdrawn if the owner provides adequate information that demonstrates the small WECS has not been abandoned. If the small WECS is determined to be abandoned, the owner of a small WECS shall remove the small WECS, tower, guy and electrical wires, and any associated concrete bases(s) and/or anchor(s) at the Owner's sole expense within three (3) months of receipt of Notice of Abandonment. If the owner fails to remove the wind generator and associated infrastructure, including the tower, the Zoning Administrator and Township may pursue a legal action to have the small WECS removed at the Owner's expense.
15. **Small WECS Safety Measures.**
 - a. Each small WECS shall be equipped with controls to limit the rotational speed of the rotor blade so it does not exceed the design limits of the rotor.
 - b. Any small WECS tower, system regulator, control/conversion and other electronic devices, and guy wires shall be grounded to safely sustain natural lightning strikes in conformance with the national Electrical Code.
 - c. All ground mounted and electrical control equipment shall be labeled and secured to prevent unauthorized access.
 - d. Any small WECS facility shall be equipped with anti-climbing devices to a height eight (8) feet above grade.
16. **Meteorological Towers.** METS for small WECS shall be permitted under the same standards, permit requirements, restoration requirements, and permit procedures as a small WECS.

C. Additional Requirements for Small WECS Permit Application.

In addition to the information required to be submitted under Section 16.4: Land Use Permits of this Ordinance, an application for a zoning permit for a small WECS shall contain all of the following information, unless the Zoning Administrator waives a particular information requirement of this section upon a finding that the information is not applicable to the proposed small WECS and the information is not needed to determine whether the proposed small WECS meets the requirements of this Ordinance:

1. Any overhead utility lines and utility easements;
2. Small WECS specifications, including manufacturer and model, rotor diameter, tower height, tower type (i.e. free standing or guyed), WECS and tower color;
3. Tower foundation blueprints or drawings;
4. Tower blueprint or drawing;
5. A shadow flicker analysis to demonstrate expected areas of shadow flicker throughout the year; and

6. A small WECS maintenance plan and any other information deemed necessary by the Zoning Administrator to demonstrate compliance with the standards and requirements of this Section.

Section 3.19 Small Solar Energy Systems

- B. Intent. It is the purpose of this Section to promote the safe, effective, and efficient use of small, non-utility scale solar energy conversion systems installed to enable the on-site production of electricity.
- C. Regulations. Small, non-utility scale solar systems are a permitted use by right in any district if they meet the standards and regulations of this Section.
 1. Height. Roof mounted solar energy equipment shall be located so as not to increase the total height of the structure above the maximum allowable height of the structure on which it is located.
 2. For parcels in any zoning district that are one (1) acre or less in size:
 - a. Placement of ground mounted solar energy equipment is prohibited from the front yard.
 - b. Ground mounted solar panels shall only be located in a side or rear yard, shall meet or exceed required setbacks, and shall be located to minimize any glare to adjacent properties or public right of ways.
 3. Small solar systems shall obtain a Township land use permit and all permits required from the Leelanau County Building/Code Enforcement Department. The Applicant shall demonstrate to the Township Zoning Administrator that all components of the proposed small solar system meet all applicable safety standards and that a grid interconnection, if any, is Underwriter Laboratories, Inc. (UL) certified.
 4. Utility Notification. Small solar systems intended to be connected to the grid shall not be installed until evidence has been given that the utility company has been notified of the utility customer's intent to install an interconnected customer-owned solar system. Small solar systems that connect to the electric utility grid shall comply with the Michigan Public Service Commission's "Rules for Interconnecting Distributed Generation Facilities." Off-grid small solar systems shall be exempt from this requirement.

Section 3.20 COMMERCIAL WIND ENERGY CONVERSION SYSTEMS (WECS)

Section 3.20.1 Purpose

The purpose of this Ordinance is to define standards and procedures governing installation and operation of commercial wind energy systems as a special use in Centerville Township. Standards and procedures are necessary to:

- Protect public health, safety and welfare;
- Ensure that the location and scale of commercial wind energy systems within the Township are consistent with the vision and goals of the master plan;

- Protect all areas of the Township and the Township’s natural resources from potential adverse impacts of wind energy systems, including adverse visual and environmental impacts;
- Avoid potential damage to adjacent property from hazards associated with and/or failure of commercial wind energy systems;
- Ensure the compatibility of adjacent land uses;
- Protect property values;
- Define regulatory requirements and procedures for:
 - Permit application and review
 - Monitoring and compliance
 - Revocation and/or decommissioning

Section 3.20.2 GENERAL PROVISIONS

Section 3.20.2.1 Applicability

Commercial wind energy systems are wind energy facilities with a nameplate capacity of less than one-hundred (100) megawatts. Commercial wind energy systems shall not be regulated or permitted as essential services, public utilities, or private utilities. Commercial wind energy systems are allowed as a special land use within Agricultural Districts in Centerville Township subject to the requirements of this Ordinance. All interconnected wind energy systems, except those that meet the definition of private wind energy systems, shall be considered commercial and subject to special land use permit and requirements within this Ordinance.

Section 3.20.2.2 Total Generating Capacity

The total rated generating capacity for all commercial wind energy systems allowed in Centerville Township shall not exceed two times the amount of electricity used by the Township in the calendar year preceding the application.

Section 3.20.2.3 Application for Special Land Use Permit

- An owner/Applicant may apply for a Special Land Use Permit to construct and operate a commercial wind energy system subject to all of the requirements of this Ordinance.
- Centerville Township shall have the right to impose other discretionary criteria, including time-related conditions such as phased development, to effectuate the purpose and intent of this Ordinance, to protect the health, safety and welfare of the Township residents, to protect the social and economic well-being of nearby residents and landowners, and to protect against pollution, impairment or destruction of the Township’s natural resources.
- Procedures for application and site plan review shall comply with requirements set forth for Major Projects in “Procedures for Site Plan Review” of the Centerville Township Zoning Ordinance except that the Planning Commission may require more than one public hearing. Notice of the public hearing will be made according to the Michigan Zoning Enabling Act.

Section 3.20.2.4 Approval Standards

The Centerville Township Planning Commission shall not approve a Special Land Use Permit unless it finds that:

- The Applicant/owner has demonstrated compliance with the General Provisions, Performance and Regulatory Standards, and Application Requirements of this Ordinance, as well as “Standards for Granting Site Plan Approval” from the Centerville Township Zoning Ordinance.
- The Township shall have the right to impose other discretionary criteria in order to effectuate the purpose and intent of this Ordinance, to protect the health, safety, and welfare of the Township residents, or to protect against pollution, impairment or destruction of the Township’s natural resources.

Section 3.20.2.5 Issuance of Special Land Use Permit for Construction and Operation

- If the Centerville Township Planning Commission finds that the Applicant/owner has met the approval standards, it may issue a Special Land Use Permit for construction of a wind energy system that shall be valid for two years from the date of issue.
- Upon completion of construction, the Applicant/owner shall submit to the Centerville Township Zoning Administrator proofs of compliance with all requirements of the Ordinance. If such submission does not occur within two years, the Special Land Use Permit is no longer valid.
- The Centerville Township Planning Commission shall determine that all provisions, requirements, standards, and discretionary criteria have been complied with fully before issuing a final Special Land Use Permit for operation of the wind energy system that shall be valid for five years from the date of issue.
- Six (6) months prior to the expiration of the Special Land Use Permit for operation of the wind energy system, the Applicant/owner/operator shall submit to the Centerville Township Zoning Administrator proofs of continued compliance, including safety and maintenance records, records of environmental impacts and records on the useful life of similar equipment. The Centerville Township Planning Commission may reissue the Special Land Use Permit for operation of the Wind Energy System for another five-year period if it finds sufficient evidence of continued compliance.
- In the event that the Special Land Use Permit for operation of the Wind Energy System is not reissued, the wind energy system shall be considered in violation of the Ordinance.
- The Township reserves the right of review of compliance with the conditions and limitations imposed upon such use, and any failure to comply may result in termination of the permit by action of the Planning Commission.

Section 3.20.2.6 Revocation

The Township Board shall have the authority to revoke any special use permit if (a) it was granted in part because of a material misrepresentation by the Applicant or an agent of the Applicant; or (b) the holder of the special use permit violates any term of the special use permit, including any condition, or any applicable requirement of the ordinance. In either event, the Township shall give written notice to the holder of the special use permit, by ordinary mail to the last address provided to the Township by the holder of the special use permit. If the subject of the notice is a violation of a term or condition of the special use permit or the ordinance, the permit holder shall have 30 days from the date of the notice to correct the violation, unless the time period is extended at the sole discretion of the Township Supervisor. If the violation is not corrected in time, or if the subject of the notice was a material misrepresentation by the Applicant or its agent, the Township Board may revoke the special use permit with cause after a hearing. The Township Board shall establish notice requirements and such other conditions for the hearing as the Township Board deems appropriate, including but not limited to the subpoena of persons and/or documents. The holder of the special use permit shall reimburse the Township for its costs, including expert consultant and attorney fees, associated with or

resulting from a revocation proceeding. This paragraph shall not prevent the Township from seeking any appropriate relief in any other venue, including but not limited to civil infraction proceedings, criminal proceedings, or proceedings in civil court.

Section 3.20.2.7 Enforcement and Penalties

- The enforcement of the Ordinance shall be the responsibility of the Centerville Township Zoning Administrator, unless otherwise specified in the ordinance or designated by the Township.
- An owner/operator, landowner, firm, association, corporation or representative agent of any wind energy system that is found by Centerville Township, or its designee, to be in violation of the special use permit, or to be abandoned, inoperable, or unsafe as defined in this Ordinance, or to have a serious adverse impact as defined in this Ordinance:
 - Shall provide abatement by shut down, repair, or removal of the wind energy system upon written notification from the Zoning Administrator (or other Township designee).
 - Is a civil infraction, the penalty for which shall be \$500 per occurrence. For violations that continue after a written demand for correction by the Township, each day shall be considered a separate occurrence.
 - May be subject to revocation of the special use permit for excessive and continued violations.
 - May be required to reimburse Centerville Township for cost(s) and expenses of obtaining other relief including a temporary or permanent injunction; such reimbursement may include costs and reasonable attorney fees.

Section 3.20.2.8 Certification of Insurance

- Applicant/owner/operator/landowners shall indemnify and hold harmless the Applicant/owner/operator/landowners itself and Centerville Township, all as additional named insureds, against any and all claims arising out of the existence and operation of the wind energy system.
- Applicant/owner/operator/ shall procure comprehensive general liability, casualty, wrongful acts insurance policies, and any other policies customary to the wind energy system industry. This insurance shall be in the amount of \$5 million per wind energy system but not to exceed \$100 million in the aggregate if the Applicant/owner/operator/ own(s) more than one wind energy system in Centerville Township. The Planning Commission may adjust these amounts periodically to reflect inflation.
- The Applicant/owner/operator/ shall maintain these insurances for the duration of the construction, operation, decommissioning, removal and site restoration of the wind energy system. The insurance carrier shall be instructed to provide Centerville Township with certificates of the existence of such insurances, and shall be instructed to notify the Township if such insurances expire for any reason.
- Failure of the Applicant/owner/operator to maintain these insurances at all times shall result in termination of the permit.
- Cancellation Notice - all insurances described shall include an endorsement stating the following: It is understood and agreed that thirty (30) days advanced written notice of cancellation, non-renewal, reduction and/or material change shall be sent to the township Zoning Administrator.

Section 3.20.2.9 Removal Cost Guarantee

The cost of removal and site restoration is the full responsibility of the Applicant and/or owner/operator. In order to provide the greatest possible financial assurance that there will be

sufficient funds to remove the wind energy system and to restore the site, the following steps shall be followed:

- For each wind energy system, the Applicant/owner/operator shall determine an amount of money equal to the estimated removal and restoration cost. The Planning Commission shall require independent verification of the adequacy of this amount.
- This money shall be deposited in an escrow account specified by Centerville Township, which may be an interest-bearing account. There shall be no alternative to such an account. A surety bond, letter of credit, or other financial promise shall not be accepted.
- Withdrawals will be made from this account, solely by Centerville Township or its designee, only to pay for removal and site restoration of the wind energy system as provided for in this Ordinance.
- Any money left in the account for each wind energy system after removal and site restoration shall be returned by Centerville Township to the then owner/operator.

Section 3.20.2.10 Separation and Management of Each Removal Cost Account

If more than one wind energy system is owned by the same Applicant/owner/operator, the removal/restoration guarantee accounts may be joined together by Centerville Township into a single account for that Applicant/owner/operator. However, accounts for different Applicant/owner/operators shall be kept separate. Centerville Township may, from time to time, change the financial institution in which such accounts are deposited.

Section 3.20.2.11 Administration Costs – Initial Application and Ongoing

- For each wind energy system, the Applicant/owner/operator shall deposit into an escrow account the amount of \$25,000. The purpose of this joint escrow account is:
 - To reimburse Centerville Township for its costs incurred to hire consultants and experts as the Township, at its sole discretion, deems desirable to examine, evaluate and verify the data and statements presented by the Applicant/owner/operator
 - For the life of each wind energy system, to cover the administrative and legal costs incurred by Centerville Township in monitoring and enforcing the owner/operator's ongoing compliance with the Ordinance.
- The account shall be managed as follows:
 - Funds can be withdrawn from this account only by the signature of a Township designee.
 - If at any time the balance of this account shall fall below \$15,000, the Applicant/owner/operator shall deposit an additional \$10,000 into the account.
 - If at any time the balance of this fund shall fall below \$15,000 for a continuous period of thirty days, the application shall be considered to have been withdrawn, or the Permit for the wind energy system may be terminated.
 - The Township Zoning Administrator or township designee shall be charged with monitoring the escrow account and giving quarterly reports to the Planning Commission.

After the wind energy system has been removed and site restoration has been completed, as defined in this Ordinance, any balance remaining in this account shall be returned to the Applicant/owner/operator.

Section 3.20.2.12 Insufficiency of Removal and Administrative Cost Accounts

During the useful life and operation of the wind energy system, Centerville Township may from time to time determine, in its sole discretion, whether the amounts deposited for removal, site restoration, and administration costs are adequate for these purposes. (Costs of removal, restoration and administration may change due to technology, environmental considerations, inflation, and many other causes.) If the Township determines that these amounts, including any interest earned to date, are not adequate, the Township shall require the owner/operator to make additional deposits to the accounts to cure such inadequacy. The Township shall consider the wind energy system in violation of the Ordinance if the owner/operator fails to cure the inadequacy within sixty (60) days of notification.

Section 3.20.2.13 Road Repair Costs

Any damage to a public road within Centerville Township resulting from the construction, maintenance or operation of a wind energy system shall be repaired at the Applicant/owner/operator's expense. For each wind energy system:

- The Applicant/owner/operator, Centerville Township and the Leelanau County Road Commission shall agree upon and document construction routes and public road conditions before construction begins.
- The Applicant/owner/operator shall provide security in an amount to be agreed upon by the Applicant/owner/operator and Centerville Township with guidance from applicable experts, including the Leelanau County Road Commission, to be used by the Township and/or the Leelanau County Road Commission to pay for the repair of damage to public roads.
- Failure of the Applicant/owner/operator to provide these funds shall result in termination of the Permit.

Section 3.20.3 Performance and Regulatory Standards

All commercial wind energy systems and testing structures shall comply with the performance and regulatory standards set forth in this section.

Section 3.20.3.1 Height Limit

The maximum permitted height of an anemometer tower or a horizontal axis wind energy system shall be one hundred ninety-nine (199) feet. The Planning Commission may set a lower height limit for other types of wind turbines.

Section 3.20.3.2 Setbacks

- Property line and road setback: The setback of an anemometer tower or a wind energy system from any adjoining property line and any adjoining private or public road shall be no less than ten (10) times the diameter of the rotor. If necessary, the owner/operator shall secure recorded lease agreements or easements with adjoining property owners to achieve the setback requirements.
- Inhabited structure setback: The setback of an anemometer tower or a wind energy system from any inhabited structure shall be no less than five (5) times the total height of the wind energy system.
- Lake Leelanau Setback: The setback of an anemometer tower or a wind energy system from Lake Leelanau, as measured from the ordinary high water mark, shall be no less than ten (10) times the diameter of the rotor.
- Wetland Setbacks: The setback of an anemometer tower or a wind energy system from the delineated boundary of wetlands shall be no less than ten (10) times the diameter of the rotor.

- Setbacks to Other Sensitive Areas: The setback of an anemometer tower or a wind energy system from other sensitive areas, except as specified herein shall be no less than ten (10) times the diameter of the rotor.
- Sleeping Bear Dunes National Lakeshore Setback: The setback of a wind energy system from the boundary of Sleeping Bear Dunes National Lakeshore shall be no less than three (3) miles.

Section 3.20.3.3 Spacing

Adjacent wind energy systems must be spaced at least one-half (1/2) mile apart.

Section 3.20.3.4 Tower and Turbine Design

The wind energy system tower shall be a monopole or monotube style construction (as distinguished from a lattice-style tower) with no guy wires, exterior ladders or platforms.

Section 3.20.3.5 Color and Finish

Wind energy systems shall have a non-reflective finish and shall be a non-obtrusive, neutral color that is compatible with the natural environment, such as white, gray, or beige. Wind energy systems shall not display logos, advertising or promotional materials.

Section 3.20.3.6 Lighting

The Centerville Township Planning Commission shall not permit any wind energy system that requires Federal Aviation Administration-mandated lighting. Continuous nighttime lighting onsite shall not be permitted. Lighting shall be used only as needed for maintenance and inspection. Lighting shall be shielded to minimize glare, visibility and impact on wildlife and shall comply with Section 3.17 Outdoor Lighting.

Section 3.20.3.7 Construction Codes, Towers and Interconnection Standards

Wind energy systems together with all related components, including but not limited to transmission lines and transformers, shall comply with all federal, state and county requirements and standards, including applicable construction and electrical codes, local permit requirements, and applicable utility, Michigan Public Service Commission, and Federal Energy Regulatory Commission interconnection standards and IEC61400. Wind energy systems including towers shall comply with Federal Aviation Administration requirements, the Michigan Airport Zoning Act (Public Act 23 of 1950, MCL 259.431 et seq.), the Michigan Tall Structures Act (Public Act 259 of 1959, MCL 259.481 et seq.), and local jurisdiction airport overlay zone regulations.

Section 3.20.3.8 Interconnection and Electrical Distribution Facilities

All electrical transmission lines associated with the wind energy site shall be located and maintained underground, in accordance with best practice guidelines. This requirement applies

to transmission lines connecting the wind energy system(s) to the transmission provider's distribution system, but does not apply to the transmission provider's distribution system that constitutes the public electrical grid.

Section 3.20.3.9 Safety

- All utility grid wind energy systems shall be designed to prevent unauthorized access to electrical and mechanical components and shall have access doors that are kept securely locked at all times when service personnel are not present.
- Signs no more than four (4) square feet in area and without advertising or promotional materials shall be posted at the wind energy system tower and at the wind energy system service drive entrance at the minimum setback distance. Signs shall display:
 - Address and telephone numbers that allow a caller to directly contact a responsible individual to deal with emergencies at any time during or after business hours and on weekends and holidays.
 - A warning about the dangers of falling ice.
- All spent lubricants and cooling fluids shall be properly and safely removed in a timely manner from the site of the wind energy system.
- The minimum vertical blade tip clearance from grade shall be twenty-five (25) feet for a wind energy system employing a horizontal axis rotor.

Section 3.20.3.10 Impacts on Wildlife Species and Habitat

- Site Selection: Applicants shall follow the U.S. Fish and Wildlife Service Interim Guidelines to Avoid and Minimize Wildlife Impacts from Wind Turbines (2003) for selecting appropriate wind energy system site(s) including completing a potential impact checklist and calculating the potential impact index.
- Endangered or Threatened Species: Development and operation of a wind energy system shall not have a significant adverse impact on endangered or threatened fish, wildlife, or plant species, as defined by US Endangered Species Act of 1973 and Michigan Endangered Species Protection, Part 365 of the Natural Resources and Environmental Protection Act (Act 451 of 1994) and identified in the Michigan Natural Features Inventory, or their critical habitats, or other significant habitats identified in studies and plans of local, regional, and federal governmental bodies. The setback of an anemometer tower or a wind energy system from designated critical habitat for any endangered species shall be five (5) miles.
- Migratory Birds: Development and operation of a wind energy system shall not have a significant adverse impact on migratory bird species.
- Eagles: Development and operation of a wind energy system shall not have a significant adverse impact on eagles. The setback of an anemometer tower or a wind energy system from any known eagle's nest shall be five (5) miles.
- Imposed Conditions for Monitoring and Operation: The Centerville Township Planning Commission may impose special conditions for monitoring bird and bat fatalities and may impose special mitigation measures such as blade feathering limiting rotational speed or shut down during periods of high seasonal concentrations of migrating birds and bats and or low visibility weather conditions.
- Monitoring: Avian and bat impact reporting: The owner/operator shall submit a quarterly report to the Centerville Township Zoning Administrator or the Township's designee that identifies all dead birds and bats found within five hundred (500) feet of the wind turbine generator. Reporting shall continue for at least three (3) years after turbine operations begin, or longer if required by the Centerville Township Planning Commission. Monitoring shall follow protocols referenced in this Ordinance under "Application Requirement: Avian, Bat

and Wildlife Impact Analysis and Plan,” and results shall be adjusted for predation and observer bias.

- Notification and mitigation: In the event of extraordinary mortality of threatened or endangered species, or discovery of an unexpected large number of dead birds and bats of any variety on site, the US Fish and Wildlife Service, Michigan EGLE and the Centerville Township Zoning Administrator or the Township’s designee shall be notified within twenty-four (24) hours. The owner/operator shall, within thirty (30) days, submit a report to the Centerville Township Zoning Administrator describing the cause of the occurrence and the steps taken to avoid future occurrences.

Section 3.20.3.11 Noise Regulatory Standards

- Audible Noise Standard:
From 6:00 a.m. until 10:00 p.m., for wind speeds from cut-in to rated-power of the wind energy system, the A scale equivalent noise level due to the wind energy system at the property line closest and at locations within one (1) mile of the wind energy system shall not exceed the greater of:
 - ~~Thirty-five (35) dB(A) or~~
 - The established outdoor background sound level by more than five (5) dB(A).

From 10:00 P.M. until 6:00 A.M., the A scale equivalent noise level due to the wind energy system at the property line closest and at locations within one (1) mile of the wind turbine generator shall not exceed the established outdoor background sound level by more than three (3) dB(A). Background sound level shall be established separately for daytime (6:00 A.M.-10:00 p.m.) and for nighttime (10:00 P.M.-6:00 a.m.) values.

- Low Frequency Noise or Infrasound Noise: No low frequency noise or infrasound noise from wind energy system operations shall be created which causes the noise level both within the project boundary and a one-mile radius beyond the project boundary to exceed the following limits:

Octave Band Center Frequency, Hz	Sound Pressure Level (dB)
1-2	70
16	60
31.5	65
63	57
125	50
250	47

- Tonality and/or Repetitive, Impulsive Tone Penalty: In the event the audible noise due to wind turbine operations exhibits tonality, contains a pure tone and/or repetitive, impulsive noise, the Audible Noise Standard shall be reduced by a total of five (5) dB(A).
- Noise Complaint Investigation and Resolution: Centerville Township Zoning Administrator

shall maintain a Noise Complaint Log. The Planning Commission shall review this log at least once a year to identify and address potential adverse noise impacts. During the review process, the Township can require additional sound studies to be prepared by an acoustic engineer approved by Centerville Township. Complaints shall be reported, documented and resolved in accordance with the "Complaint Resolution" section of this Ordinance.

- Noise Measurement, Analysis and Applicable Noise Control Engineering Standards: Measurement, modeling and analysis shall follow "Appendix Noise Measurement Protocols" and shall conform to the most current version of ANSI S12.18, IEC 61400 and ISO 9613. Background sound pressure level measurements and post-construction sound pressure level measurements made after installation of the wind energy system shall be done by a third party, qualified professional and shall follow "Appendix Noise Measurement Protocols" and be done according to the procedures in the most current version of ANSI S12.18. All sound pressure levels shall be measured with a certified Type I or Type II sound meter that meets or exceeds the most current version of ANSI S1.4 specifications for a sound meter. Meters shall be calibrated on site before and after any measurement period.

Section 3.20.3.12 Shadow Flicker and Blade Glint

- A wind energy system shall be designed to minimize shadow flicker from moving blades or reflected blade glint occurring off the site on which the facility is located. Should shadow flicker or blade glint be expected to fall on a portion of an off-site property, the system may be operated within the following conditions:
 - The flicker or glint will not exceed thirty (30) hours per year; or
 - The flicker or glint will fall more than one hundred (100) feet from an existing residence, unless the affected property owner has signed a written agreement with the owner-operator.
- If shadow flicker or blade glint violate any of these conditions, violations shall be handled by the township Zoning Administrator or Township designee.

Section 3.20.3.13 Ice Throw

The ice throw or ice shedding for the wind energy system shall not cross the property lines of the site on which the facility is located and shall not impinge on any public right-of-way or overhead utility line. Violations shall be handled by the township Zoning Administrator or township designee.

Section 3.20.3.14 Maintenance and Compliance

In order to ensure safety and compliance with the Ordinance:

- The owner/operator shall conduct regular monitoring, physical inspections and maintenance of the wind energy system. Copies of monitoring and inspection reports and maintenance logs shall be submitted to the Centerville Township Zoning Administrator or the Township's designee at least once a year or more often if requested in writing by the Centerville Township Zoning Administrator or the Township's designee.
- Centerville Township shall have the right to inspect the premises on which the wind energy system is located and to hire a consultant to assist with any such inspection at the Applicant/owner/operator's expense.

Section 3.20.3.15 Abandoned, Inoperable and Unsafe Wind Energy Systems and Adverse Impacts

- Abandoned: Any wind energy system or anemometer tower that is not operated for a continuous period of nine (9) months shall be considered abandoned and subject for removal.
- Unsafe: Any wind energy system or anemometer tower that is found to present an imminent physical threat of danger to life or a significant threat of damage to property shall be shut down immediately and removed or repaired or otherwise made safe. A Michigan professional engineer shall certify its safety prior to resumption of operation. The owner/operator shall notify the Centerville Township Zoning Administrator or the Township's designee within twenty-four (24) hours of an occurrence of tower collapse, turbine failure, fire, thrown blade or hub, collector or feeder line failure, or injury.

Section 3.20.3.16 Removal and Site Restoration

- Within ninety (90) days of receipt of written notification from the Township, the owner/operator shall begin to remove any wind energy system or anemometer tower
 - If the owner/operator determines the system is at the end of its useful life, or
 - If the Township determines the system is subject for removal because it is unsafe or abandoned, or
 - If the Township determines the special use permit is expired or has been revoked.
- Failure to begin to remove a wind energy system or anemometer tower within the 90-day period provided in this subsection shall be grounds for the Township to remove the wind turbine generator or anemometer tower at the owner's expense.
- All equipment associated with the wind energy system or anemometer tower including all materials above and below ground shall be removed, and the site shall be restored to a condition that reflects the specific character of the site including topography, vegetation, soils, drainage, and any unique environmental features. The restoration shall include: road repair, if any, and all re-grading, soil stabilization, and re-vegetation necessary to return the subject property to a stable condition consistent with conditions existing prior to establishment of the wind energy system. The restoration process shall comply with all state, county, or local erosion control, soil stabilization and/or runoff requirements or ordinances and shall be completed within one year.

Section 3.20.3.17 Construction Activities

Construction activities shall be organized and timed to minimize impacts on township residents and wildlife from noise, disruption (including disruption of wildlife habitat), and the presence of vehicles and people.

Section 3.20.3.18 Complaint Resolution

- Any individual, group of individuals or reasonably identifiable entity may file a signed and dated written complaint with the owner/operator of the wind energy system. Any complaints received directly by Centerville Township Zoning Administrator shall be referred to the owner/operator.
- The owner/operator of the wind energy system shall report to Centerville Township Zoning Administrator all complaints received concerning any aspect of the wind energy system construction or operation as follows:

- Complaints received by the Applicant/owner/operator shall be reported to Centerville Township Zoning Administrator or its designee within five business days, except that complaints regarding unsafe wind energy systems and serious violations of this Ordinance as defined in this Ordinance shall be reported to Centerville Township Zoning Administrator or its designee the following business day.
- The Applicant/owner/operator shall document each complaint by maintaining a record including at least the following information:
 - Name of the wind energy system and the owner/operator
 - Name of complainant, address, phone number
 - A copy of the written complaint
 - Specific property description (if applicable) affected by complaint
 - Nature of complaint (including weather conditions if germane)
 - Name of person receiving complaint, date received
 - Date reported to Centerville Township Zoning Administrator
 - Initial response, final resolution and date of resolution
- The Applicant/owner/operator shall maintain a chronological log of complaints received, summarizing the above information. A copy of this log, and a summary of the log by type of complaint, shall be sent on or before January 15, March 15, July 15, and October 15 to Centerville Township Zoning Administrator, covering the previous calendar quarter. An annual summary shall accompany the January 15 submission.
- All complaints regarding unsafe wind energy systems and serious violations of this Ordinance as defined in this Ordinance shall be investigated on site. The complainant and a Township designee shall be invited to the investigatory meeting(s).
- The Township may designate a person to seek a complaint resolution that is acceptable to the complainant, the Township and the owner/operator. If such a resolution cannot be obtained, the Township may take action as authorized by the enforcement section of the Ordinance.
- The Township may at any time determine that a complaint shall be subject to enforcement and penalties as defined in this Ordinance.

Section 3.20.4.0 Application Requirements

An application for a special use permit for a wind energy system or an anemometer tower shall meet requirements of "Procedures for Site Plan Review" and "Requirements for Site Plan" in the *Centerville Township Zoning Ordinance* and shall also include all of the following information, unless expressly indicated otherwise.

Section 3.20.4.1 Registered in Michigan

The Applicant shall provide evidence of being registered to do business in Michigan.

Section 3.20.4.2 Wind Resources

The Applicant shall submit information showing adequate wind resources and summarizing site wind characteristics, including minimum, maximum and average wind speeds, directions, seasonal variations and dominant wind direction in the direction from which 50 percent or more of the energy contained in the wind flows.

Section 3.20.4.3 Wind Energy System Information

The Applicant shall supply the following information pertaining to the wind energy system: type, manufacturer and model, total installed height, rotor material, rated power output, performance history, safety history, electrical system, and rotor over-speed control system(s). The Township may require, at its discretion, complete wind energy system specifications and drawings and professional certification of these data.

Section 3.20.4.4 Manufacturers' Material Safety Data Sheet(s)

Documentation shall include the type and quantity of all materials used in the operation of all equipment including, but not limited to, all lubricants and coolants.

Section 3.20.4.5 List of Experts and Evidence of Qualification

The Applicant shall supply the name, address and resumé or other written summary of the education, experience, and other qualifications of each expert providing information concerning the wind energy system or anemometer tower project.

Section 3.20.4.6 Certification of Compliance

The Applicant shall provide certification that the Applicant has complied or will comply with all applicable county, state and federal laws and regulations including but not limited to:

- Copies of all such permits and approvals that have been obtained or applied for at time of the application.
- Written documentation that the Applicant has notified the Federal Aviation Administration and any other applicable state and federal regulatory agencies of the proposed wind energy system or anemometer tower.

Section 3.20.4.7 Copies of Leases, Agreements and Recorded Easements

The Applicant shall provide written permission from the property owner(s) or from multiple property owner(s) if that is necessary to meet setback requirements. Before a special land use permit shall be granted by the Planning Commission, the Applicant shall submit copies of leases and all recorded agreements and easements, such as non-development agreements within a specified setback and/or easements for rights-of-way, from all affected landowners and governmental units. Easements shall be recorded prior to a special land use permit being issued.

Section 3.20.4.8 Site Plan

The Applicant shall submit vicinity maps and site plans showing the physical features and land uses of the project area. The vicinity maps and site plan drawings shall meet requirements listed in the *Centerville Township Ordinance* under "Requirements for Site Plan" for special uses. The vicinity maps and site plans shall also include maps, plans, section and elevation drawings and written specifications in sufficient detail to clearly describe the following:

- With vicinity map(s)
 - Existing zoning districts, land uses, including all dwellings, public and private airstrips within two (2) miles of the boundary of the property upon which the commercial wind energy facility is to be located.

- Planned land uses (based on the current *Leelanau General Plan* and the *Centerville Township Master Plan*) within two (2) miles of the boundary of the property upon which the commercial wind turbine generator facility is to be located.
- With vicinity map(s), site plan(s) and written specifications as required
 - Location of all proposed new infrastructure above and below ground related to the project including meteorological and wind testing towers
 - Location of existing and proposed electrical lines and facilities.
 - Proposed setbacks
 - Location of all known active or abandoned wells within 1,300 feet of any proposed construction.
 - Identification and location of sensitive areas and sensitive environmental resources that are in the vicinity of the proposed wind turbine, including but not limited to endangered or threatened flora or fauna or their critical habitats, and other significant habitats identified by government and other authoritative sources. The vicinity map and site plan shall cover a radius that is large enough to address all setbacks required by the Zoning Ordinance.
 - Ingress and egress information including:
 - Location, grades, dimensions and surfacing materials of all temporary and permanent on-site and access roads.
 - Distances from the nearest county or state maintained road.
 - Evidence of compliance with standards required for year-round emergency access.
- With site plan, plan, section and elevation drawings, and with written specifications and reports as required.
 - Project area boundaries and physical dimensions of the proposed project area.
 - Soils on site delineated and described in a soil survey map accompanied by a report of the soil conditions based on soil borings prepared by a firm that specializes in soil borings and is approved to perform such work for the Michigan Department of Transportation. The report shall include soil and geologic characteristics of the site based upon on-site sampling and testing. The soil boring reports and the proposed plans for the foundation shall be certified by a registered Professional Engineer licensed in the State of Michigan, who is practicing in his or her area of competency.
 - Location, height, and dimensions of all existing and proposed structures and fencing.
 - Drawings and specifications, bearing the seal of a professional engineer licensed in Michigan, of all proposed new infrastructure above and below ground related to the project including meteorological and wind testing towers.
 - Lighting on site described with a lighting plan and specifications that show location, color, type, intensity, direction, shielding and control of all on-site lighting.

Section 3.20.4.9 Electrical Interconnection Plan

The Applicant shall provide a plan for electrical interconnection showing methods and standards for interconnection and copies of contracts or letters of intent with the electric utility and the electric transmission service provider.

Section 3.20.4.10 Visual Simulations and Drawings and Viewshed Analysis

The Applicant shall provide elevation drawings, detailed computer and/or photographic simulations and other models and visual aids showing the wind energy system with all related facilities as they will appear on the proposed site from vantage points north, south, east, and west of the project starting at a ¼ mile of the site and at 2 miles, 3 miles and 5 miles of this site.

Section 3.20.4.11 Hazard Plan

An application for a wind turbine generator shall be accompanied by a hazard prevention plan. At a minimum such a plan shall include the following:

- Certification by an engineer licensed in the State of Michigan that the electrical wiring between turbines and between turbines and the utility right-of-way does not pose a fire or stray voltage hazard.
- A landscape plan designed to avoid spread of fire from any source on the turbine.
- A listing of any hazardous fluids that may be used on site and manufacturers' material safety data sheet(s) as specified herein.
- Certification by an engineer licensed in the State of Michigan that the turbine has been designed to contain any hazardous fluids and a statement certifying that the turbine shall be routinely inspected to ensure that no fluids are released or leaked from the turbine or any other equipment or on the site.
- A Hazardous Materials Waste Plan complying with all federal, state, and county laws and regulations. Further, approvals or waivers, by the state Department of Environmental Quality, the state Department of Natural Resources and/or the US Army Corp of Engineers shall also be submitted prior to the issuance of any permit.

Section 3.20.4.12 Environmental Impact Analysis and Plan

The Applicant shall submit a report demonstrating compliance with development, design and operation recommendations contained in the current version of U.S. Fish and Wildlife Service *Interim Guidelines to Avoid and Minimize Wildlife Impacts from Wind Turbine*. The Applicant shall have a third party, qualified professional, approved by the Centerville Township Planning Commission, conduct a site characterization and evaluation study and an analysis following accepted scientific procedures to identify and assess any potential impacts on the natural environment including, but not limited to, wetlands and other fragile ecosystems, historical and cultural sites, and antiquities. The site characterization report shall include:

- A description of the environmental characteristics of the site prior to development, i.e., topography, soils, vegetative cover, drainage, streams, creeks or ponds.
- Natural features that will be retained, removed and/or modified including vegetation, drainage, hillsides, streams, wetlands, woodlands, wildlife and water. A description of the areas to be changed shall include their effect on the site and adjacent properties. An aerial photo may be used to delineate the areas of change.
- Identify natural resources that may be potentially impacted and associated mitigations.

The Applicant shall provide a plan and take appropriate measures to minimize, eliminate or mitigate adverse impacts identified in the analysis and to demonstrate compliance with applicable parts of the *Michigan Natural Resources and Environmental Protection Act* (Act 451 of 1994, MCL 324.101 et seq.). The Applicant shall identify and evaluate the significance of any net effects or concerns that will remain after mitigation efforts.

Section 3.20.4.13 Avian, Bat and Wildlife Impact Analysis and Plan

The Applicant shall have a third-party, qualified professional, approved by the Centerville Township Planning Commission, conduct a site wildlife characterization and evaluation study and an analysis to identify and assess any potential impacts on wildlife, especially birds, bats and endangered species, following accepted scientific procedures. Avian studies shall follow protocols described in the National Wind Coordinating Committee, *Studying Wind/Energy Interactions: A Guidance Document, 1999* and the U.S. Fish and Wildlife Service *Interim Guidelines to Avoid and Minimize Wildlife Impacts from Wind Turbines*, Federal Register: July 10, 2003

(Volume 68, Number 132). The Applicant shall submit this study and shall provide a plan and take appropriate measures to minimize, eliminate or mitigate adverse impacts identified in the analysis and to demonstrate compliance with *Michigan Endangered Species Protection, Part 365 of the Natural Resources and Environmental Protection Act* (Act 451 of 1994). The Applicant shall identify and evaluate the significance of any net effects or concerns that will remain after mitigation efforts.

Section 3.20.4.14 Noise Report

The Applicant shall submit a noise report prepared by an acoustic engineer approved by the Centerville Township Planning Commission that includes, at a minimum, the following:

- Measurements of the existing sound environment.
- Modeling and analysis in order to confirm the wind energy system will not exceed the maximum permitted sound pressure levels.
- A sound and vibration assessment as specified in the Appendix of this Ordinance.
- A description of the wind energy system's noise characteristics, including manufacturer's noise data, and the project's proposed noise control features, including specific measures proposed to mitigate noise impacts for sensitive receivers.
- Evidence of compliance with Noise Measurement, Analysis and Applicable Noise Control Engineering Standards referenced herein.

During the review and approval process, the Centerville Township Planning Commission may seek independent professional verification of information presented by the Applicant.

Section 3.20.4.15 Shadow Flicker and Blade Glint

The Applicant shall submit:

- A shadow flicker and blade glint analysis and computer simulation or model including topography and structures. The analysis and model shall identify the locations of shadow flicker and blade glint caused by the wind energy system and the expected durations of the shadow flicker and blade glint at these locations from sunrise to sunset over the course of a year. The analysis and model shall identify problem areas where shadow flicker or blade glint may affect parcels of land, roadways, and existing or future structures. The analysis and model also shall describe measures that shall be taken to eliminate or mitigate the problems, including, but not limited to, a change in siting of the facility, a change in the operation of the facility, or grading or landscaping mitigation measures.
- Copies of agreements signed with adjacent property owners affected by shadow flicker and/or blade glint.

Section 3.20.4.16 Ice Throw and Blade Throw

The Applicant shall submit:

- A report on the incidence of blade throw and ice throw for similar equipment,
- An analysis and calculations of blade and ice throw potential, and
- A plan showing locations likely to be affected by blade throw and by ice throw under a variety of conditions.

Section 3.20.4.17 Decommissioning Removal and Restoration Plan

The Applicant shall submit a decommissioning removal and restoration plan describing the intended disposition of the wind energy system and all equipment associated with the system upon termination of the lease, revocation of the permit, or at the end of the system's useful life. The plan shall include:

- The anticipated life of the project,
- Any agreement with the landowner regarding equipment,
- The estimated decommissioning costs in current dollars, and
- The anticipated manner in which the project will be decommissioned and the site restored.

Section 3.20.4.18 Complaint Resolution Plan

The Applicant shall submit to Centerville Township Zoning Administrator the procedures it will use to receive and respond to complaints about its wind energy system(s) and facilities. Procedures shall include provisions for immediate response to complaints regarding unsafe wind energy system(s) and serious violations of this Ordinance as defined in this Ordinance.

3.20.5 APPENDIX - NOISE MEASUREMENT PROTOCOLS

Section 3.20.5.1 Measurement Protocol for Sound and Vibration Assessment of Proposed and Existing Wind Energy System

The purpose is first to establish a consistent and scientifically sound procedure for estimating existing (ambient) background sound and vibration levels in a project area, and second to determine the likely impact that operation of a new wind energy system will have on the existing sound and vibration environment.

The characteristics of the proposed wind energy system and the features of the surrounding environment will influence the design of the sound and vibration study. Site layout, types of wind turbine generators selected and the existence of significant local sound and vibration sources and sensitive receivers should be taken into consideration when designing a sound and vibration study. It will be necessary to have a qualified consultant conduct the sound and vibration study.

Note: Consult with Centerville Township Planning Commission prior to conducting any sound and vibration measurements. These guidelines are meant to be general in nature and may need to be modified (with approval of the Centerville Township Planning Commission) to accommodate unique site characteristics. Consult with Centerville Township Planning Commission for guidance on study design before beginning the sound and vibration study. During consultation, good quality maps or diagrams of the site will be necessary. Maps and diagrams should show the proposed project area layout and boundaries and identify important landscape features as well as significant local sound and vibration sources and sensitive receivers.

Section 3.20.5.2 Sound Level Estimate for Proposed Wind Energy System

- A suitable model must be selected (or developed) to predict the worst-case noise level at all relevant and sensitive receivers. The report should include:
 - The propagation model used for prediction;
 - An estimate of model accuracy;
 - Assumptions used as input, including allowances for wind direction, noise absorptions due to air, ground, topographical and wind effects.
- In order to estimate the sound and vibration impact of the proposed wind energy system on

the existing environment an estimate of the sound and vibration produced by the proposed wind turbine generator(s) must be provided.

- Provide the manufacturer's sound level characteristics for the proposed wind energy system(s) operating from cut-in speeds to the rated power wind speed of the wind turbine generator(s). Include an unweighted octave-band (16, 31.5, 63, 125, 250, 500, 1K, 2K, 4K, and 8K Hz) analysis for the wind energy system(s) operating from cut-in speeds to full rated power at sensitive receivers, at property lines and for distances from adjacent property lines to 5,000 feet from the wind energy system(s) using 500 foot intervals. For locations beyond 2,500 feet from the wind energy system, the Planning Commission may increase the interval size if Applicant can demonstrate low likelihood of noise problems.
- Estimate the sound levels for the proposed wind energy system(s) in dB(A) and dB(C) at sensitive receivers, at adjacent property lines and for distances from adjacent property lines to 5,000 feet from wind energy system (s). For locations beyond 2,500 feet from the wind energy system, the Planning Commission may increase the interval size if the Applicant can demonstrate low likelihood of noise problems. For projects with multiple wind energy systems, the combined sound level impact for all wind energy system(s) operating at cut-in speeds and full rated power must be estimated.
- Estimate the sound levels for the proposed wind energy system(s) at sensitive receivers, at property lines and for distances from the wind energy system(s) of 500 to 5,000 feet using 500 foot intervals allowing for the propagating effect of wind downwind from the wind energy system(s) at integer wind speeds from cut-in wind speed to the rated power wind speed of the wind energy system(s).
- Provide a contour map of the expected sound level from the new wind energy system(s), using 5dB(A) increments created by the proposed wind energy system(s) extending out to a distance of 5,000 feet.
- Determine the impact of the new sound and vibration source on the existing environment. For each measuring point used in the ambient study:
 - Identify if the point is a sensitive receiver
 - Report expected changes to existing sound levels for L_{ave} , L_{10} , L_{50} , and L_{90} in DB(A).
 - Report expected changes to existing sound levels for L_{ave} , L_{10} , L_{50} , and L_{90} , in DB(C).
 - Identify and describe impulsive noise and pure tone noise components.
 - Report all assumptions made in arriving at the estimate of impact and any conclusions reached regarding the potential effects on people living near the project area.
 - Include an estimate of the number of hours of operation expected from the proposed wind energy system(s) and under what conditions the wind energy system(s) would be expected to run.

Section 3.20.5.3 Measurement of the Existing Sound and Vibration Environment

An assessment of the proposed **commercial** wind energy system project area's existing background sound and vibration environment is necessary in order to predict the likely impact resulting from a proposed project. The following guidelines must be used in developing a reasonable estimate of an area's existing sound and vibration environment. All testing is to be performed by an acoustical testing engineer approved by the Centerville Township Planning Commission. All measurements are to be conducted with industry certified testing equipment. All test results must be reported to the Centerville Township Planning Commission.

- Sites with no existing wind energy systems
 - Background sound level measurements shall be taken as follows:
 - At all properties within the proposed wind energy system project boundaries
 - At all properties within a one mile radius of the proposed wind energy system project boundaries.

- One test must be performed during each season of the year.
 - Spring March 15 – May 15
 - Summer June 1 – September 1
 - Fall September 15- November 15
 - Winter December 1- March 1
- All measurement points shall be located in consultation with the property owner(s) and shall be located such that no significant obstruction (building, trees, etc.) blocks sound and vibration from the site.
- Duration of measurements shall be a minimum of ten continuous minutes for each criterion at each location.
- One set of measurements shall be taken during each of the following four periods:
 - Morning (6 - 8 a.m.)
 - Midday (12 noon – 2 p.m.)
 - Evening (6 – 8 p.m.)
 - Night (10 p.m. – 12 midnight)
- Background sound level measurements must be made on a weekday of a non-holiday week. Background sound shall not be measured during sporadic noise events such as seasonal farming activities, unusual traffic or weather events that would distort the establishment of a baseline level representative of the L₉₀ rural environment.
- Measurements must be taken at 6 feet above the ground and at least 15 feet from any reflective surface.
- For each measuring point and for each measurement period, provide each of the following measurement criteria:
 - Unweighted octave-band analysis (16.2, 31.5, 63, 125, 250, 500, 1K, 2K, 4K, and 8K Hz)
 - L_{ave}, L₁₀, L₅₀, and L₉₀ in dB(A)
 - L_{ave}, L₁₀, L₅₀, and L₉₀ in dB(C)
 - A narrative description of any intermittent sounds registered during each measurement
 - Wind speed at time of measurement
 - Wind direction at time of measurement
 - Description of the weather conditions during the measurement including atmospheric pressure, temperature, humidity, and precipitation.
 - Provide a map and/or diagram clearly showing:
 - The layout of the project area, including topography, the project boundary lines, and property lines
 - The locations of the measuring points
 - The minimum and maximum distance between any measuring points
 - The location of significant local sound and vibration sources
 - The distance between all measuring points and significant local sound and vibration sources
 - The location of all sensitive receivers including but not limited to: schools, day-care centers, residences, residential neighborhoods, places of worship, and elderly care facilities.
- Sites with existing wind energy systems
 - Two complete sets of sound level measurements must be taken as defined below:
 - One set of background sound level measurements with the wind energy system(s) off
 - One set of sound level measurements with the wind energy system(s) running.
 - Sound level measurements shall be taken as for sites with no existing wind energy systems.

Section 3.20.5.4 Post-Construction Measurements

- Within twelve months of the date when the wind energy system is fully operational, and within two weeks of the anniversary date of the pre-construction background sound level measurements, repeat the existing sound and vibration environment measurements taken before the project approval. Post-construction sound level measurements shall be taken both with all wind turbine generator(s) running and with all wind turbine generator(s) off. Measurements should include sound levels for the wind energy system(s) at sensitive receivers downwind from the wind energy system(s) at a range of wind speeds from cut-in wind speed to the rated power wind speed of the wind energy system.
- Report post-construction measurements to the Centerville Township Planning Commission in the same format used for the pre-approval sound and vibration studies. Measurements shall be available for public review.

SECTION 3.21 AGRICULTURE-RELATED ENTERPRISES TOURISM

Section 3.21.1 Intent, Goals, Purposes, and Limits

This Section is intended to support the economic sustainability and resiliency of local farms, small farms and current trends in farm starts, allow flexibility for growers to diversify farm income, encourage farm compliance with Michigan's Generally-Accepted Agricultural and Management Practices (GAAMPS) as well as state and federal laws affecting agriculture, and meet the changes in market, social and environmental conditions through agricultural-related enterprises and accessory uses compatible with the rural character of the Township. Agriculture-related enterprises mean the practice of visiting an agricultural operation for the purposes of farm product purchase, farm related-recreation, farm-related education, or active public involvement in the farm operation. For farms that are actively growing products for on-site and/or off-site sale, agriculture-related enterprise uses can provide improved sales, marketing and additional farm-related income opportunities.

~~The intent of this zoning provision is to support the economic sustainability and resiliency of local farming by allowing flexibility for a farm/grower to diversify farm income and meet changes in market, social and environmental conditions through agricultural tourism and accessory uses compatible with the rural character of the township. Agricultural tourism and agriculture-related enterprises mean the practice of visiting an agricultural operation for the purposes of farm product purchase, farm related recreation, farm-related education, or active public involvement in the farm operation; not as a contractor or employee of the operation. For farms that are actively growing products for on-site and/or off-site sale, agricultural tourism uses can provide improved sales, marketing and additional farm-related income opportunities.~~

A. The goals of these provisions are:

1. To maintain and promote agriculture and **agriculture-related** activities.
2. To preserve open space and farmland.
3. To maintain the Township's agricultural heritage and rural character.
4. To increase community benefits by having fresh, local agricultural products for sale and working classrooms to educate school children, residents and tourists.
5. To increase **agriculture-related** businesses that contribute to the general economic condition of the Township area and region.

B. The purposes of this Section are:

1. To provide standard definitions related to ~~agricultural tourism and agriculture-~~**related enterprises and** uses.

2. To provide a list of permitted **by right** agriculture-related ~~at tourism~~ land uses for working farms.
3. To provide a mechanism for allowing creative uses that need a **site plan review and/or** special land use permit to guide and regulate agriculture-related enterprises ~~at tourism~~ uses on working farms.
4. To provide for a clear understanding of the expectations for agricultural ~~real tourism~~ and agriculture-related enterprises and uses for farm operators, local residents, other businesses and local officials.

C. This Section requires that all of the following are met:

1. Agriculture-related enterprises and ~~at tourism~~ uses are allowed only on working farms. Working farms **mean** are those operations which are providing agricultural products for **on-site and/or off-site** sale. These sales must contribute to the farm operator's income, **and off-farm income is not included**. The working nature of the farm must be documented including control of the land being farmed and income/expense documentation such as sales receipts, IRS Schedule F, or other documentation that the Township agrees is satisfactory.
- ~~2. A working farm under this Section shall possess ten (10) or more acres in active agricultural production, cultivation, orchard, vineyard, etc.~~
2. A farm's size must be adequate to accommodate any agriculture-related enterprise ~~tourism~~ use so as not to create a nuisance or a hazard. Issues affected by farm size include, but are not limited to, setbacks for noise abatement, adequate off road parking space, adequate parking areas, etc.
3. Sales shall be limited to farm products ~~in compliance with GAAMPS for products markets~~ such as fruit, vegetables, baked goods, plant and nursery stock, compost, eggs, meat products, or farm-related products such as milk, cheeses, honey, preserves, or butter, etc. A bakery may exist as part of a farm market.
4. 50-percent of products sold must be produced on the working farm or a commonly-owned off site farm or facility.
- ~~6. Agriculture-related enterprises, tourism and/or agricultural resort and uses are not allowed on a working farm by third parties under this Section.~~
5. Agricultural ~~real tourism~~ and agriculture-related enterprises and uses must meet all other relevant Township zoning requirements ~~ordinances~~ plus all health, building, road, safety, and all other applicable local, state and federal regulations ~~and codes~~.
6. Agricultural operations whose gross revenues are solely or primarily derived from alcoholic products are not included under **this Section** ~~these provisions~~. This Section does not expand uses permitted for production, processing, or sale of alcoholic products or otherwise reduce the restrictions applicable under state or local laws.
- ~~7. If applicable under state law, a working farm must be operated in conformance with Michigan Generally Accepted Agricultural and Management Practices (GAAMPS), and any additional GAAMPS that may apply to the proposed agriculture-related enterprises and ag-resort uses.~~
7. **Prohibited** sales and uses include, but are not limited to:
 - a. Fuel or related products
 - b. Tobacco products
 - c. Marijuana products
 - d. Alcoholic beverages unless the operation is licensed by the State of Michigan, ~~and 50 percent of the retail space is used to display products for sale that are produced on and/or by the working farm.~~
 - e. Lottery tickets
 - f. Vehicles, recreational vehicles or related products and facilities
 - g. Flea markets

h. Fireworks as defined by the Michigan Fireworks Safety Act, P.A. 256 of 2011, as amended, including but not limited to consumer, novelty, low impact and display fireworks.

i. Restaurants.

j. Campgrounds.

8. Hours of operation shall be from dawn to dusk with quiet hours enforced from 10 pm to 7 am. ~~limited to 6 am to 9 pm.~~

~~10. Months of operation shall be April through November.~~

9. Documentation that an agriculture-related enterprise at tourism use is operating within these limits must be made available to the Township upon request.

10. Twenty-four (24) hour contact information for the on-site farm manager or other on-site person responsible for the operation of an agriculture-related enterprise.

11. Agriculture-related enterprises shall be clearly subordinate to on-site agricultural production. The following factors shall be considered by the Planning Commission in making this determination:

a. The geographic area of the parcel devoted to the agriculture-related enterprise in comparison to that parcel area remaining or expanded in agricultural production.

~~b. Whether or not new structures or significant expansion of existing structures is needed to accommodate or to support the use.~~

b. The relative number of employees devoted to the agriculture-related enterprise in comparison to the number needed for agricultural productions.

Section 3.21.2 Agriculture ~~real tourism and agriculture-related enterprises and tourism~~ uses, within the limits set above, permitted by right for working farms in the **Agricultural** ~~any zoning~~ District.

A. **Permitted by Right agriculture-related enterprise** ~~tourism~~ uses include the following, as well as other substantially similar uses or activities that occur as necessary on a farm in connection with the commercial production, harvesting, and storage of farm products:

1. Roadside stands

2. On-farm market

3. Direct to customer sale and distribution

4. Value-added (other than alcohol products) processing of products grown on the farm

5. Baking for sale at the on-farm market or local farmers markets

~~6. Corn & hay mazes~~

6. Sleigh & hay rides

7. Horse rides

8. U-pick farms, and similar uses.

~~10. Animal petting attractions and playgrounds~~

~~11. Children's games and activities~~

9. Pumpkin patches, and similar uses

~~11. Four (4) or fewer less campsites, glamping sites, tents, rooms or similar total overnight accommodations. Overnight accommodations shall be temporary and offered during a site's crop(s) growing season only. Farmworker and/or farm intern on-site housing is exempt.~~

~~12. Overnight, on-site guest accommodations of no more than two (2) consecutive nights per guest. Farmworker and/or farm intern on-site housing is exempt.~~

B. **Special Agriculture-related Enterprise Land Uses**, also subject to Site Plan Review per Article 13 and Special Land Uses per Article 14 of this Zoning Ordinance, include the following as well as other substantially similar uses: ~~or activities that occur as necessary~~

on a farm in connection with the commercial production, harvesting, and storage of farm products:

1. Corn & hay mazes
2. Campsites.
 - a. Four (4) or fewer less campsites, glamping sites, tents, rooms or similar total overnight accommodations. Such accommodations shall be temporary, and may not possess hard walls or roofing, and only offered during a site's crop(s) growing season. Farmworker, farm intern and similar on-site housing is exempt.
 - b. One (1) RV or camper shall be permitted at a campsite at any time.
 - c. Campsite occupancy is limited to six (6) people two (2) adults per campsite at any time, excluding minor children.
 - d. Gasoline or diesel generators are not permitted within campsites.
 - d. No more than two (2) vehicles may be parked at a campsite.
3. Overnight, on-site guest accommodations shall be limited to no more than seven (7) two (2) consecutive nights per guest. Farmworker, farm intern and similar on-site housing is exempt.
4. Agriculture-related enterprise events. Agriculture-related enterprise events shall also comply with Section 9.5.9: Events - Wineries, Meaderies, Distilleries and Cideries of this Zoning Ordinance.

Section 3.21.3 Events. The following events may be permitted within approved agriculture-related enterprises:

A. Private events consist of thirty (30) or more guests per event, and shall be subject to the following conditions:

1. The private event shall be a use accessory to an established, legally conforming principal use.
2. Private events shall not be conducted more than three (3) calendar days in any thirty (30)-day period.
3. The private event shall not involve the overnight sleeping accommodations for event patrons.
4. The hours of operation shall be confined between the hours of 10:00 a.m. and 10:00 p.m.
5. Subject to notification to the Zoning Administrator at least seven (7) days in advance of the event.

B. Promotional events shall be subject to the following conditions:

~~1. When catered adjunct food service is provided, the events shall be limited to three (3) days per week and comprise no more than one hundred and fifty (150) persons each.~~

B. Small, non-agriculture related events, such as small group demonstrations, tours, and workshops are exempt from this Section and shall be subject to the following conditions:

1. Under 100 people and no more than 2 events per month with a total of no more than 6 per year. Twenty (20) Under thirty (30) or fewer people per event.
2. Small events shall not be conducted more than three (3) calendar days in any thirty (30)-day period. One (1) on-site event per month and no more than three (3) events per year shall occur under this Section.
3. The hours of operation for small, non-agriculture related events shall be between 10:00 a.m. and 10:00 p.m.

4. No outdoor speaker system shall be utilized.

5. Subject to notification to the Zoning Administrator at least seven (7) days in advance of the event.

Potential uses covered under this Section are ancillary to the farm on which they are located, but utilize the rural character of the farm and the Township as an asset for the business. Examples of uses envisioned under this Section include, but are not limited to: wedding venues, lodging options such as inns and cabins, restaurants, and extended homestead and farm experiences including lodging. The intent of this Section is to provide guidelines for ideas for such ancillary uses so that the uses can financially benefit the farmer, and still preserve the rural character of the farm's neighborhood and the Township.

Section 3.21.4. Agriculture-related enterprise land uses ~~proposed under this Section~~ requiring Special Land Use and a Site Plan Review by the Planning Commission shall also provide the following additional information:

1. Description of activity **and/or** event(s)
2. Number of people involved
3. Frequency of events or activities
4. Hours of operation
5. Structures to be utilized
6. Parking plans
7. Setbacks and buffering from neighbors, **sensitive receivers, sensitive areas**, and roads
8. Lighting
9. Noise

Section 3.21.5. Additional Requirements. Applicants for agriculture-related enterprise Special Land Uses shall also provide, and the Planning Commission must find that:

1. The farm is a working farm.
 - a. Working farms are those operations which are growing agricultural products for sale. These sales must contribute to the farm operator's income. The working nature of the farm must be documented including control of the land being used and income documentation such as sales receipts, IRS Schedule F, or other documentation that the Township agrees is satisfactory.
2. The farm has adequate space to hold parking away from the road and provide adequate setback and buffers to neighbors **and sensitive areas**.
3. The use is compatible with adjacent uses of land, the natural environment, the capacities of public services and facilities affected by the land use and will maintain the agricultural character of the location and the visual rural character of the neighborhood.
4. The use will be **adequately** buffered both visually and acoustically from neighbors.
5. The use meets other applicable Township ~~ordinances~~ **regulations**, including but not limited to signage and lighting.
6. Traffic loads and road access have been reviewed and approved by the Leelanau County Road Commission.
7. Activity structures, locations and access routes have been reviewed and approved by the fire chief for safety and emergency access.
8. Structures will meet Leelanau County building codes.
9. Benzie-Leelanau District Health Department has reviewed and approved plans for food preparation, bathroom facilities and sanitation.

ARTICLE IV LAND USE DISTRICTS

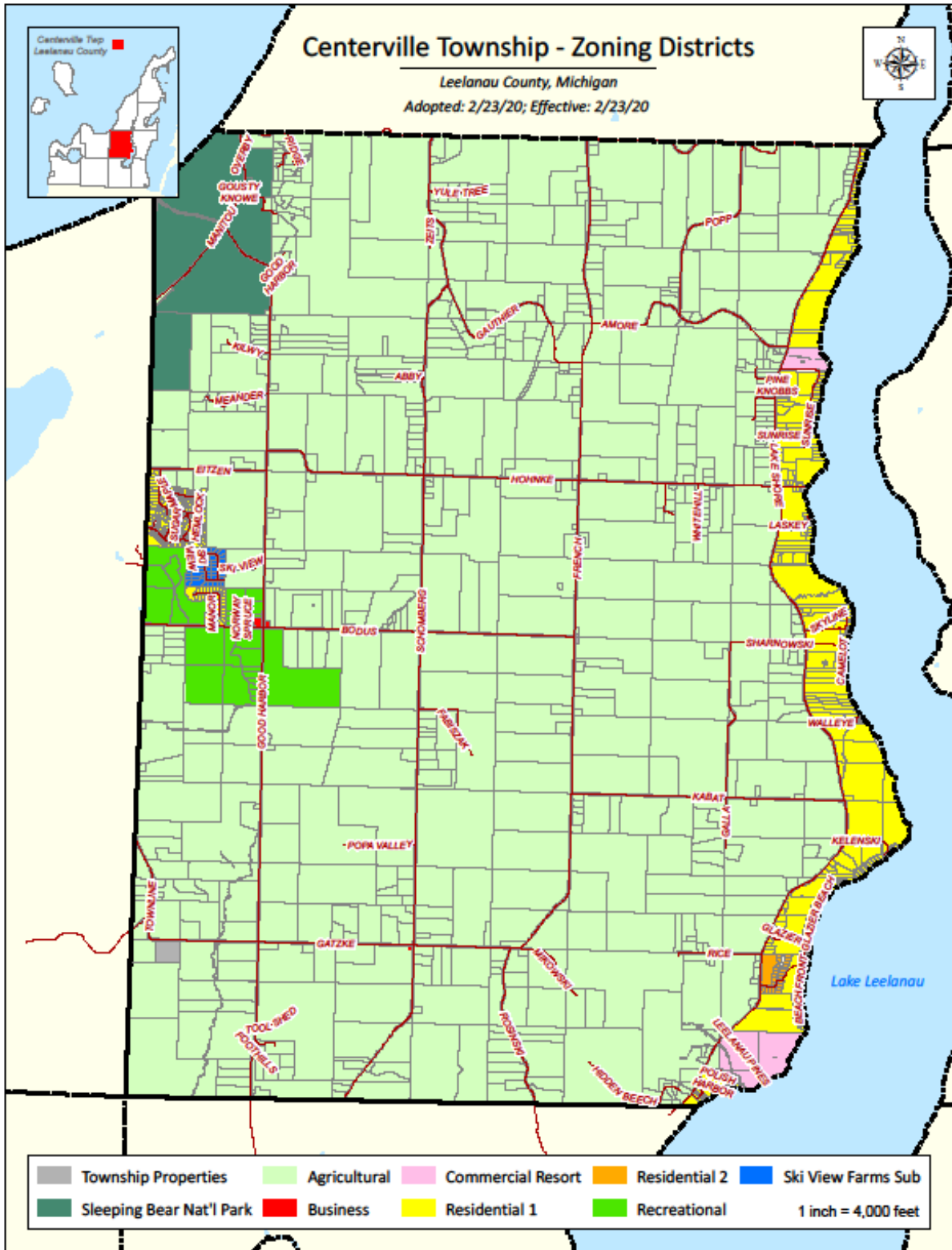
Section 4.1 Districts

For the purposes of this Ordinance, the Township of Centerville is divided into **nine (9)** ~~eight (8)~~ Land Use Districts, as follows :

- A. Residential I
- B. Residential II
- C. Ski View Farms Subdivision
- D. Commercial Resort
- E. Recreational
- F. Business
- G. Agricultural
- H. Governmental
- ~~I. Light Industrial/Warehousing (?)~~

Section 4.2 Maps

The Land Use District into which each parcel of land in the Township is placed is shown on the map entitled "Centerville Township Zoning Map" which is attached as Appendix A. Copies of this map shall be available for examination at the office of the Township Clerk at all reasonable times, and shall be kept with the records of the Zoning Administrator. Unless otherwise stated, all Land Use District boundaries shown on the Map are intended to follow lot lines, or the center lines of roads, streets or alleys as they existed on the date of enactment of this Ordinance, or section or sub-section lines; but where residential district boundaries obviously are not intended to coincide with such lot lines, centerlines, or section or sub-section lines, and are not designated by dimensions, such boundaries shall be deemed to be one hundred sixtyfive (165) feet away from the nearest road or street rightofway parallel to which they are drawn. The map is for reference only, parties should check with the Zoning Administrator to confirm the zoning on any particular parcel.



This map is prepared by Leelanau County for reference purposes only. Leelanau County is not liable for any errors that may be found herein.

RHerman_4.7.2020

Section 4.3 Interpretation of District Boundaries

Where uncertainty exists with respect to the boundaries of any of the Districts indicated on the Zoning Map, the following rules shall apply:

- A. Boundaries indicated as approximately following the street or highways, the center lines of such streets or highways shall be considered to be such boundaries.
- B. Boundaries indicated as approximately following lot lines shall be construed as following such lot lines.
- C. Boundaries indicated as approximately following Township boundary lines shall be construed as following such Township boundary lines.
- D. Boundaries indicated as approximately parallel to the center lines of streets or highways shall be construed as being parallel thereto and at such distance there from as indicated on the official Zoning Map.
- E. Boundaries following the shoreline of a stream, lake, or other body of water shall be construed to follow such shorelines; boundaries indicated as approximately following the centerline of streams, rivers, canals, or other bodies of water shall be construed to follow such centerlines.
- F. Where the application of the aforesaid rules leaves a reasonable doubt as to the boundaries between two (2) districts, the regulations of the more restrictive district shall govern the entire parcel in question, unless otherwise determined by the Township Zoning Board of Appeals after recommendation from the Township Zoning Administrator.

Section 4.4 Schedule of Zoning Regulations

Zoning District	Minimum Lot Dimension		Setback Requirements for buildings from							Maximum Building Dimensions	
			Water's Edge ft	Private Easement ft	Yard ft			From Highway ft			
	Area ft ²	Width ft			Front	Side	Rear	66' ROW	100'+ ROW	Max Height	Max Lot Coverage
Residential I	15,000	100	75	20 ²	40	10	15	40	25	32 40	30%
Residential II	15,000	100	75	20	40	10	15	40	25	32 40	30%
Commercial Resort	20,000	100	75	20	40	10	15	40	25	32 40	25%
Recreational	40,000	100	75	20	40	10	15	40	25	32 40	40%
Business	22,000	100	75	20	50	25	15	40	25	32 40	50%
Agricultural	65,340	150	75	20	40	10	15	40	25	32 40	25%
Governmental	20,000	100	75	20	40	10	15	40	25	32 40	40%

¹ except as allowed in section 3.11 (Maximum Height)

² except for platted Lake Lots as of 12/05/02 where garage/accessory building minimum is 15' if the entrance does not face the easement. Setback is from the property line to the easement.

ARTICLE V RESIDENTIAL DISTRICTS

Section 5.1 Districts

The Districts of the Township, where Residential uses are permitted, shall be designated as either Residential I or II or Ski View Farms Subdivision and each shall be considered a separate District and shall be subject to the terms of this Ordinance as follows:

Section 5.2 Residential I

A. Uses Permitted By Right:

1. Single family with attached or detached garage and other accessory buildings or a guest house.
2. Home Occupation provided that there be no external evidence of such occupation except a name sign not more than ten (10) square feet in area without illumination and of a character in keeping with the neighborhood, and provided further, that said occupation does not require nor effect any changes in the external character of the building.
3. A state licensed residential facility.
4. A facility in use as described in section 3(4)(k) of the Adult Foster Care Facility Licensing Act, Public Act 218 of 1979, MCL 400.703.
5. A qualified residential treatment program that provides services for 10 or fewer individuals.
6. A family child care home.

3. Accessory uses and structures customarily incidental to and subordinate to the permitted principle use, including private stables and roadside stands. Private stables are permitted on lots not less than one (1) acre in size.
4. Building Lot Area. Each dwelling or other main building hereafter erected in the Residential I District shall be located on a building lot or parcel of land in accordance with Section 4.4 (Schedule of Regulations) of this Ordinance.
5. Accessory Lot - A lot to be used for parking, garage, garden or septic system, if approved by the Benzie-Leelanau District Health Department. No restriction on lot size, except setback restrictions for accessory building will apply. Accessory lots shall be contiguous to the primary building lot, and under the same ownership.

B. Special Land Uses Permitted By Special Approval:

1. Public facilities including parking lots, cemeteries, parks, schools, libraries, and similar uses and activities including administrative buildings, substations or structures associated with public utilities and enclosures or shelters for service equipment and maintenance depots.
2. Churches and religious institutions including housing for religious personnel affiliated with the church or religious institution.
3. Group child care homes meeting the requirements for such homes contained in Section 206(4) of the Michigan Zoning Enabling Act, MCL 125.3206(4), as amended, and notwithstanding any other standards or requirements of this ordinance additional to or different than the cited requirements from statute.
4. Nursing Home
5. Bed and Breakfast

Section 5.3 Residential II - Multiple Family

A. Uses Permitted By Right:

1. Any use permitted by right in Residential I, Section 5.2, this Ordinance.
2. Multiple Family Dwelling
3. Building Lot Area - Each dwelling or other main building hereafter erected in the Residential II District shall be located on a building lot or parcel of land in accordance with Section 4.4 (Schedule of Regulations) of this Ordinance.

B. Special Land Uses Permitted By Special Approval:

1. Public facilities including parking lots, cemeteries, parks, schools, libraries, and similar uses and activities including administrative buildings, substations or structures associated with public utilities and enclosures or shelters for service equipment and maintenance depots.
2. Churches and religious institutions including housing for religious personnel affiliated with the church or religious institution.
3. Kennel
4. Clinic
7. Group child care homes meeting the requirements for such homes contained in Section 206(4) of the Michigan Zoning Enabling Act, MCL 125.3206(4), as amended, and notwithstanding any other standards or requirements of this ordinance additional to or different than the cited requirements from statute.
- 6.

7. Nursing Home
8. Bed and Breakfast
9. Trailer park
10. Mobile home park
11. Churches and religious institutions

Section 5.4 Ski View Farms Subdivision

A. Uses Permitted By Right:

1. Single family dwellings and duplexes on all lots with attached or detached garage and other accessory buildings
2. Multifamily dwellings on lots 9 & 17.
3. All other uses permitted by right in Residential I.

C. Special Land Uses Permitted by Special Approval.

1. Group child care homes meeting the requirements for such homes contained in Section 206(4) of the Michigan Zoning Enabling Act, MCL 125.3206(4), as amended, and notwithstanding any other standards or requirements of this ordinance additional to or different than the cited requirements from statute.

ARTICLE VI COMMERCIAL RESORT DISTRICT

Section 6.1 Uses Permitted By Right

- A. Any use permitted by right in the Residential Districts I, and II, as described under Article V of the Ordinance.
- B. Single or multiple unit dwellings intended for rental with such necessary and customary accessory buildings as automobile and boat storage, utility buildings, recreational facilities, docks, ~~boat houses~~, and bathing houses, all designed and used primarily to serve the regular tenants of same.

Section 6.2 Uses Permitted By Special Approval

- A. Mobile Home Parks consisting of facilities for the owner/operator, accessory buildings, and permanent or semi-permanent placement of mobile homes for year-around type residents.
- B. Rental cottages with or without housekeeping facilities in groups of two (2) or more, each cottage being a single-family dwelling.
- C. Inns, lodges, hotels, motels, campgrounds, and RV parks.
- D. Trailer parks
- E. Churches and religious institutions

Section 6.3 Required Land Areas

No building or structure or groups of buildings or structures in this District shall be built except as in accordance with Section 4.4 (Schedule of Regulations) of this Ordinance. Spacing of buildings along the setback line from the water's edge shall be such that there shall not be more than one building to each fifty (50) feet of frontage.

Section 6.4 Spacing of Separate Buildings

To prevent overcrowding of buildings and structures and to reduce fire hazard, no separate buildings shall be built closer than twenty (20) feet apart.

Section 6.5 Accessory Buildings

Buildings and structures for accessory uses customarily incidental to any of the uses permitted in this District shall be subject to the same provisions of location, spacing and land occupancy as the primary buildings permitted in this District and their area shall be computed as part of the maximum total area of land occupancy permitted.

Section 6.6 Driveways and Off-Street Parking

All developments of Land-Use permitted in this District shall, to reduce fire hazard and make possible access to all buildings by the Fire Department, provide a driveway to each building with not less than twenty (20) feet clear right-of-way and each such development shall provide off-street parking for one and one half (1.5) automobiles for each rental unit. If dining facilities are provided in connection with any of the uses permitted in this District then off-street parking shall be provided for non-resident patrons to accommodate an automobile for each two (2) persons that the facility is legally capable of seating at one time.

Section 6.7 Dining Facilities Limitations

Dining Facilities in this District shall be limited to those attached to or in conjunction with inns, lodges, hotels and motels having accommodations for ten (10) or more individuals or family rental units. Independent restaurants and/or drive-ins are not to be permitted in this District.

ARTICLE VII RECREATIONAL DISTRICT

Section 7.1 Uses Permitted By Right

A. Any use permitted by right in the Residential Districts I and II, as described under Article V of this Ordinance.

Section 7.2 Uses Permitted by Special Land Use Approval

- A. Clubs with or without lodging and/or dining facilities, summer camps and schools, whether non-profit or operated for profit, but not including trailer parks for use of transient or seasonal guests with trailer homes.
- B. Outdoor recreational facilities, such as, but not limited to, golf courses, ski slopes and lifts, and commercial stables.
- C. Campgrounds
- D. Trailer parks
- E. Mobile home parks
- F. Churches and religious institutions

Section 7.3 Required Land Area

No building or structure or groups of buildings or structures in this District shall be built except as in accordance with Section 4.4 (Schedule of Regulations) of this Ordinance.

Section 7.4 Spacing of Separate Buildings

To prevent overcrowding of buildings and structures and to reduce fire hazard, no separate buildings shall be built closer than twenty (20) feet apart.

Section 7.5 Accessory Buildings

Buildings and structures for accessory uses customarily incidental to any business activity that has been permitted in this District shall be subject to the same provisions of location, spacing and land occupancy as the primary buildings permitted in this District and their area shall be computed as part of the maximum total area of land occupancy permitted.

Section 7.6 Driveways and Off-Street Parking

All developments of land use permitted in this District shall, to reduce fire hazard and provide access to all buildings by the Fire Department, provide driveway access to each building with not less than twenty (20) feet clear right-of-way. Off street parking shall be determined by the Planning Commission with the final approval by the Fire Chief.

Section 7.7 Dining Facilities Limitations

Dining Facilities in this District shall be limited to those in conjunction with or attached to any of the uses permitted in this District.

ARTICLE VIII BUSINESS DISTRICT

Section 8.1 Purpose

Purpose: This business district is to provide service oriented outlets in an area located to satisfy the day to day needs of the residents and visitors located near other Business and Recreational zoned areas.

A. Uses Permitted By Special Approval

1. Commercial, municipal and utility uses
2. Churches and religious institutions

First floors may only be occupied by business uses. Residential uses are allowed when occupying the second floor or above.

Section 8.2 Off-Street Parking and Deliveries Access

Off-street parking shall be provided either in the area of a side yard or a rear yard, or both, as determined by the Planning Commission with the final approval by the Fire Chief. Whenever possible, access shall be provided for the unloading of goods, supplies or merchandise from truck to business establishment without obstructing the public right-of-way.

Section 8.3 Yard Storage

Whenever a business establishment finds it desirable to store part of its goods, supplies, merchandise or returnable containers outside the confines of the building structure, it shall provide an enclosure by solid fence or its equivalent in accordance with an approved Site Plan.

Section 8.4 Adult Entertainment

There are some uses which, because of their very nature, are recognized as having serious objectionable operational characteristics, particularly when several of them are concentrated under certain circumstances thereby having a negative effect upon adjacent areas. Special regulation of these uses is necessary in order to ensure that these adverse effects will not contribute to the downgrading of the surrounding area. These special regulations are itemized in this Section. The primary control or regulation is for the purpose of preventing a concentration of these uses in any one area of the township, to ensure the integrity of the township's residential and agricultural areas, and to protect the integrity of churches, schools, licensed day-care facilities, parks and playgrounds, and other areas where juveniles congregate in the township. Nothing in this Section shall be construed as permitting or allowing a violation of any state or federal law or to restrict or deny access by adults to adult materials protected by the Constitution of the United States or the Michigan Constitution, or to deny access by the distributors and exhibitors of adult entertainment or adult use businesses to their intended market. It is also neither the intent nor effect of this section to condone or legitimize the distribution of obscene material.

In order to prevent undesirable concentration of such uses, adult entertainment uses and activities shall not be located within 1,000 feet of two other such uses nor within 300 feet of any

residentially zoned district as measured along a line forming the shortest distance between any portion of the respective properties of the existing and proposed adult entertainment activities.

The Township Planning Commission (where any of the foregoing regulated uses are special exceptions uses) and the township zoning board of appeals (where the foregoing regulated uses are permissible uses) may waive the foregoing spacing requirements if it finds the following conditions exist:

- A. the proposed use will not be contrary to the public interests or injurious to nearby properties in the proposed location and the spirit and intent of the purpose of the spacing regulations will still be observed;
- B. the proposed use will not promote an adverse effect upon adjacent areas by discouraging other businesses and occupants or cause a disruption in neighborhood development;
- C. the establishment of the additional regulated use in the area will not be contrary to any program of neighborhood conservation nor interfere with any program of urban renewal;
- D. where all other applicable regulations within the township zoning ordinance or other pertinent township ordinances will be observed.

All adult and sexually-oriented businesses shall be treated as a special land use and shall be subject to review and approval of the township Planning Commission as set forth in Article XIV, and shall satisfy the requirements of "major projects" under Article XIII, Site Plan Review.

ARTICLE IX AGRICULTURAL DISTRICT

Section 9.1 Agricultural District: Uses Permitted

A. Uses Permitted by Right

1. Including any use permitted by right in Residential I District as described under Article V of this Ordinance.
2. Farms of all types including those of general farming or for specialized farming, and “Farm operations” as defined by the Michigan Right to Farm Act, 1981 PA 83, MCL 286.471 et seq.
3. Nurseries and greenhouses
4. **Community-supported agricultural (CSA) operations**
5. Agricultural labor housing.
6. **A biofuel production facility meeting the requirements of Section 513(1) of the Michigan Zoning Enabling Act, MCL 125.3513(1), as amended.**

B. Special Land Uses Permitted By Special Approval:

1. Land application of Septage Waste
2. Dog kennels, not less than forty (40) acres
3. Concentrated Animal Feed Operations
4. Wineries, meaderies, **distilleries** and cideries
5. Commercial Mining, including extracting of sand, gravel or other natural resources
6. Cemeteries
7. Bed and Breakfast establishments
8. Commercial Sawmill
9. Trailer park
10. Mobile home park
11. Churches and religious institutions
12. **Agriculture-related enterprises ~~tourism~~, unless otherwise specified in Section 3.21 of this Ordinance.**
13. **A biofuel production facility meeting the requirements of Section 513(2) of the Michigan Zoning Enabling Act, MCL 125.3513(2), as amended.**

Section 9.2 Contiguous Zone

Where any other Zone is contiguous to a farm located in an Agricultural District and forms a part of the farm, all farm uses and activities permitted in the Agricultural District may be carried out on such contiguous land.

Section 9.3 Roadside Stands

Roadside Stands shall be permitted only for the selling of farm products and these may be located along the highway right-of-way even where the same is not zoned Agricultural, providing this location is part of the farm which produces the farm products.

~~Section 9.4 Mining or Removal of Topsoil~~

~~A. Exempt Activities: The extraction of up to 2,000 cubic yards of topsoil, sand, clay, gravel or similar material associated with an approved building permit, landscaping project, driveway access, farming or an allowed accessory use, per calendar year.~~

~~B. The extraction and processing of sand and gravel, including block and ready-mix operations and the removal of topsoil, are permitted, subject to the following conditions in the interest of safety, prevention of traffic hazards, reduction of excessive wind and water erosion, noise and dust, and visually shielding such operations from adjacent rights-of-way and property owners:~~

~~— a. Minimum lot size—eighty (80) acres.~~

~~— b. Setbacks—Unless otherwise provided by federal or state law, gravel pits, temporary buildings and structures, processing machinery, and the extraction or processing of sand and gravel shall be set back not less than: (1) Two hundred fifty (250) feet from any public right-of-way and/or from any lot line. (2) Two hundred fifty (250) feet from any lake or stream. Permanent buildings, structures, and storage of sand, gravel and machinery used for day-to-day operations shall meet setback requirements of Section 4.4. Setbacks may be used for access and haul roads provided such roads do not interfere with the effectiveness and intent of required buffers.~~

~~— c. Buffers—Unless otherwise provided by federal or state law, the following shall be placed and maintained as required below: (1) Wherever possible, the existing natural vegetation shall not be removed from the required setbacks. (2) Where existing vegetation is insufficient or non-existent, three (3) rows of conifer trees (min. 8' in height) shall be stagger planted and permanently maintained on the perimeter of the lot and spaced seven (7) feet apart in accordance with the recommendations of the Leelanau County Soil Conservation District. Adjacent to road right-of-ways, trees will be planted outside the right-of-way.~~

~~— d. Reclamation—When supply is exhausted, pit abandoned, or after a period of two (2) years of inactivity, the owner/operator shall be responsible for rough grading the site to conform or blend with the surrounding terrain, and the entire site shall be revegetated with native vegetation using techniques and standards approved by the County Soil Erosion Control Officer. Slopes shall not be in excess of 1' on 3' (one foot of vertical elevation per three foot horizontal).~~

~~— e. Signs shall be conspicuously posted around the perimeter of any lot being used for extractive operations in order to warn individuals of the hazards associated with trespass.~~

~~— f. A master plan indicating the measures that will be implemented to meet the above conditions shall be submitted to the Zoning Administrator prior to the issuance of a land use permit. The master plan shall indicate a time schedule for completion of measures required by this subsection.~~

Section 9.4 Land Application of Septage Waste as a Special Land Use

No new sites will be permitted for the Land application of Septage Waste if an existing public wastewater treatment or septage treatment facility in Leelanau, Grand Traverse or Benzie County has the capacity to accept Septage Waste and will accept said Waste. Land application of Septage Waste is also prohibited if there is an existing private facility in Leelanau County with capacity to accept Septage Waste and will accept said Waste, provided that the rate charged for disposal of that waste is reasonable and is no greater than the average rate charged for such disposal at other public facilities in this State. To the extent that there is no capacity to dispose of Septage Waste in an appropriate facility, the disposal of Septage Waste by surface application or injection is allowed in this district subject to obtaining a special use permit as provided in this Section. The land application of Septage Waste is not a permitted use in any other District within the Township.

A. General Provisions

Disposal of Septage Waste shall not be permitted in Centerville Township unless it is done in a manner consistent with the requirements of this Ordinance and pursuant to a special use permit issued under this Article of the Ordinance. The disposal of Septage Waste in Centerville Township shall comply with the following:

1. State and federal agency requirements for storage, treatment, record keeping, transport and disposal of Septage Waste shall be met, which shall include but not be limited to the standards and regulations established by the U.S. Environmental Protection Agency and the Michigan EGLE. No application of Septage Waste that may adversely impact groundwater or surface water, including direct and indirect discharges, shall be allowed except in full compliance with applicable federal, state, or local codes and ordinances.
2. It shall not be permitted to locate, site, construct, operate, or maintain a Septage Waste disposal site, storage facility, or treatment facility, except in those land use districts in which such use is expressly allowed by a special use permit issued in accordance with the provisions of this Article.
3. To protect the welfare and safety of the Township residents, storage, treatment or disposal of human waste in a manner that is not specifically regulated and monitored by the U.S. Environmental Protection Agency and/or EGLE is not an allowable use in any district.

B. Requirements for Special Use Permit Applications.

An application for a special use permit for the disposal of Septage Waste shall contain the following information and fees:

1. An application fee in accordance with the current Fee Schedule.
2. Applicant's name, address, telephone number, and the name, address and telephone number of the person or persons who will be responsible for managing the collection, treatment and application of Septage Waste on a site;
3. Documentation establishing ownership of the site by the Applicant or that the Applicant has permission from the owner to dispose of septage on the site;
4. Legal description of the property on which the site is located, parcel tax identification number, total parcel acreage, and total acreage of the proposed site where septage will be applied;
5. A USGS topographical map or equivalent diagram or map of the premises and surrounding area, which shall include the following information:
 - a. A description of natural and improved draining surface and features, including lakes, streams, springs, groundwater tables (both local and regional) and other environmentally sensitive areas within 1,000 feet of the site; the location of all occupied dwellings within 1000 feet of the application site; and soil characteristics of the application site;
 - b. The proposed access to the application site and how access to the site will be restricted; and proposed buffers or other measures to control drainage from the area where septage is to be applied;

- f. A written statement estimating the amount of septage that will be applied at the site, the origins of the septage to be applied at the site, and the method in which the septage will be applied;
- g. The depths to groundwater for the entire proposed septage application site indicated by a methodology approved by the Planning Commission;
- h. A written statement indicating compliance with all applicable federal, state and local laws. This statement shall include a waste pretreatment report indicating how all septage will be treated and screened prior to disposal on the site, as well as a cover crop management plan and tillage plan. All required state and federal permits shall be obtained prior to the special use being granted, and copies of all applicable permit approvals must be attached to the application.
- i. Any other information necessary for the implementation of this Ordinance (which may include chemical compositions of the soils and estimated chemical composition of the Septage Waste to be disposed of at the site) as determined by the Planning Commission, the Zoning Administrator or other representative appointed by the Township Board.
- j. No permit shall be considered by the Planning Commission unless it is administratively complete.

C. Special Use Permit Decision and Standards.

The Planning Commission shall review the proposed Septage Disposal site and accompanying plans or submissions and determine whether the proposed use will meet the following criteria:

- a. Will meet all conditions imposed by sub-section D of this Section and will promote the intent and purpose of this Ordinance;
- b. Will be compatible with adjacent uses of land, the natural environment, and the capacities of public services and facilities affected by the land use;
- c. Will be consistent with the public health, safety and general welfare of the Township;
- d. The Planning Commission may also consider the need for additional Septage Disposal sites in the Township.
- e. If the Planning Commission determines that the proposed Septage Disposal meets all of the criteria of this Ordinance, it shall grant a special use permit to the Applicant, subject to the conditions contained in sub-section D of this Section, and any other conditions it imposes on the special use permit.

D. Special Use Permit Conditions.

The following conditions shall apply to all Special Use Permits granted under this Article **and Article XIV: Site Plan Review:**

- a. In addition to any other requirement of this Ordinance, the application of Septage Waste shall comply with all provisions of Part 117 of NREPA and all pertinent Federal Regulations, including those codified at 40 CFR 503, et seq. The standards contained in these laws and regulations are adopted as part of this Ordinance by reference.

- b. All septage shall be properly treated to prevent the spread of disease and reduce offensive odors using a method approved by the relevant state and federal standards, and shall be screened prior to disposal to remove any non-organic solids in the waste.
- c. For land applied (non-injected) disposal:
 - 1. Surface application shall not be undertaken at sites with less than 4 feet separation between the deepest depth of septage application and the groundwater table. The site shall meet all required isolation distances contained in state and federal law, but shall not be less than 200 feet from any property line.
 - 2. The minimum septage disposal site size shall be at least a 5 acre portion of a commonly owned parcel.
 - 3. Septage may be disposed of by surface application while the ground is frozen so long as the requirements of Part 117 Section 324.11711(1) of NREPA are met.
 - 4. The Planning Commission may impose access restrictions, fencing, and/or signage requirements on a site where it deems appropriate.
- d. For injected septage disposal:
 - 1. Injected Disposal shall not be undertaken at sites with less than 4 feet separation between the deepest depth of septage application or injection and the groundwater table. The site shall meet all required isolation distances contained in state and federal law.
 - 2. The minimum septage disposal site size shall be at least a 5 acre portion of a commonly owned parcel.
 - 3. No septage shall be disposed of by injection while the ground is frozen.
- e. The nutrient content of septage disposed of on any site shall be controlled so that the application of septage does not overload the nutrient capacity of the site and pose an unacceptable risk of nitrate leaching into the groundwater in excess of state and federal limitations.
- f. The Township shall have the right to impose other discretionary criteria in order to effectuate the purpose and intent of this Ordinance, to protect the health, safety, and welfare of the Township residents, or to protect against pollution, impairment or destruction of the Township's natural resources.
- g. The Township shall have the right to limit the duration of a special land use permit in order to minimize the risks or adverse impacts to the public health, safety and welfare, or private or public property and the air, water or natural resources of the Township, and reserves the right of review of compliance with the conditions and limitations imposed upon such use. Any use failing to comply with such conditions and limitations may result in the termination of the special use permit by action of the Planning Commission

upon its own initiative or upon the application of any aggrieved or other adversely affected party.

E. Pre-existing Septage Disposal Sites

- a. Any existing septage disposal site in Centerville Township that has been used for Land Application of Septage and that was been permitted prior to May 9, 2001 by the Department of Environmental Quality and the Leelanau County Health Department shall automatically be granted a Special Use Permit under this Section and shall not have to apply for a permit under sub-sections B and C of this Section, provided that the existing septage disposal site complies with sub-sections A and D(a) and (b) of this Section. The remaining requirements of sub-section D shall not apply to the special use permit automatically under this provision, except as provided for in sub-section E(b) of this Section.
- b. The Special Use Permit automatically issued pursuant to sub-section E (a) shall expire at the time when the septage disposal permit issued by EGLE for a particular site also expires. Once a Special Use Permit issued pursuant to sub-section E (a) expires, any person wishing to dispose of septage on the site is required to apply for a new permit under sub-section B and shall be subject to all of the relevant provisions of this Section, including all the conditions set forth in sub-section D.

F. Violations

- a. The Zoning Administrator shall have the authority to investigate compliance with any permit granted under Article XV. The Zoning Administrator, or an appointed representative of the Township, shall be provided with copies or access to a complete record of the amount of Septage Waste that has been disposed of at the permitted site upon request.
- b. Any violation of this section constitutes a Nuisance Per Se, and any person who violates the requirements of **this Section** shall be guilty of a **civil infraction** as provided in Section **19.2** of this Ordinance. However, the fine provided for in Section **19.2** shall be increased to not to exceed five hundred dollars (\$500.00) for a violation of **this Section**; and each day such violation continues shall be deemed a separate offense.

Section 9.5 Wineries, Meaderies, Distilleries and Cideries

This section recognizes that wineries, meaderies, **distilleries** and cideries meeting the provisions below are appropriate farm activities, encourage crop diversification and provide economic alternatives to township farmers. Wineries, meaderies, **distilleries** and cideries are permitted provided:

1. The facility is licensed by the U.S. Treasury, Bureau of Alcohol, Tobacco and Firearms, and the Michigan Liquor Control Commission, and is in compliance with the regulations of the Michigan Department of Agriculture and Rural Development, and the Michigan Department of Natural Resources.
2. The lot area is one of the following:
 - a. at least ten (10) acres which shall include a minimum of two (2) acres in fruit production maintained in accordance with generally accepted management practices.

- b. at least four (4) acres with an additional ten (10) acres of land contiguous to the facility lot which shall include a minimum of two (2) acres in fruit production maintained in accordance with generally accepted management practices.
3. Parking, buildings and processing areas shall be set back a minimum of fifty feet from all lot lines and shall be landscaped and visually screened from adjacent properties and buffered from adjacent roads. Adaptive reuse of existing buildings is encouraged.
4. A portion of the production of the facility shall be derived from fruit grown by the producer. The facility shall maintain a ratio of at least 4 acres of fruit grown on premises to 5,000 gallons produced.
5. Production of product does not exceed 178,000 gallons (75,000 cases) in any calendar year.
6. The bonded structures may occupy no more than twenty thousand (20,000) square feet above ground.
7. Retail sales shall be limited to products produced on the premises and wine-related paraphernalia such as, but not limited to, corkscrews, glasses or tableware. The sales area shall not be greater than two thousand five hundred (2,500) square feet.
8. Where retail sales of product are a function of farm markets all requirements in the ordinance for farm markets must be met.
9. Activities associated with the promotion of wine, **spirits, mead, craft beer** usage and education may be permitted. Typical activities are wine appreciation/education seminars, non-profit benefits, weddings, wine and catered food events, seasonal natural events (mushroom hunts), and vineyard harvest festivals. These activities may be permitted provided:
 - a. Parking area must be off-road, fifty (50) feet from all lot lines, and appropriately screened from neighboring property. Light sources shall be directed downwards and shielded to prevent light being directed off the premises.
 - b. The operator must have a written statement from the **Benzie-Leelanau District County** Health Department indicating the maximum number of persons that can be accommodated with existing ~~toilet~~ **sanitary** facilities and additional portable toilets must be provided for any guests exceeding the aforementioned number.
 - c. Outside activities ~~may~~ **must** commence after ~~but not 30 minutes~~ before sunrise, and **must** be completed ~~by but not after before 30 minutes after~~ sunset. Inside activities must be completed by 10:00 p.m.
 - d. With the exception of appetizers, snacks or products regularly produced on the premises, food provided for the activity must be prepared off site.

ARTICLE X GOVERNMENTAL DISTRICT

Section 10.1 Established Uses

Any and all institutions, parks, picnic grounds, public lookouts, public campgrounds, forest preserves, wildlife reservations, public recreation areas and other public lands, grounds or areas under the control of Governmental authorities other than the Township of Centerville, County of Leelanau, shall so remain and shall not be part of this Ordinance.

ARTICLE XI NON-CONFORMING USES

Section 11.1 Continuance

At the discretion of the owner, the lawful use of any parcel of land, building or structure existing at the time of enactment of this Ordinance, although such use does not conform with the provisions hereof, may be continued as subject to the following:

Section 11.2 Voluntary or Involuntary Discontinuance

A non-conforming use existing at the time this Ordinance takes effect may be continued, except that if it is discontinued for **twelve (12)** ~~eighteen (18)~~ months or more, it shall then be deemed abandoned and any further use must be in conformity with the use permitted in such District.

Section 11.3 Completion of Construction

Any building or structure arranged, intended or designed for a non-conforming use, the construction of which has been started at the time of the passage of this Ordinance, but not completed, may be completed and put to such non-conforming use, providing it is done within one (1) year after this Ordinance takes effect.

Section 11.4 Involuntary Destruction

Any building or structure existing as a non-conforming use under the terms of this Ordinance, which is destroyed by fire or the elements, may be reconstructed and restored in such a manner as to be non-conforming as per before the destruction, providing the same is commenced within one (1) year from the date of such destruction, and completed within a reasonable time thereafter not exceeding two (2) years from the date of the destruction.

Section 11.5 Extension

No non-conforming use shall be enlarged or increased, nor extended to occupy a greater area of land than was occupied at the effective date of adoption or amendment of this Ordinance, unless a variance is granted by the Zoning Board of Appeals, which shall hold a public hearing on the proposed expansion.

ARTICLE XII PROHIBITED USES

Section 12.1 Any Obnoxious Uses

No building or structure or any part thereof shall be erected, altered or used or land or premises used in whole or in part, for any of the following uses in any District under this Ordinance: any process or activity resulting in the emission of odor, fumes, dust, smoke, waste, noise or vibration which shall make it obnoxious to the public interest, health, or welfare.

Section 12.2 Specific Provision for Use

No building or structure or any part thereof, shall be erected, altered or used, or land or premises used in whole or in part for any use in any District which is not specifically permitted in such District by the terms of this Ordinance.

Section 12.3 Principal Building Required Before Accessory Building(s)

No accessory building, or any part thereof, shall be erected prior to the construction of a permitted principal structure in any District.

Section 12.4 Outdoor Storage

No land in any of the foregoing Districts shall be used in whole or in part for the storage of unused or discarded equipment or materials, or for the storage of unlicensed cars, boats, salvage, waste, tires and junk outside of properly authorized buildings within said Districts, except as follows:

- A. As required for the display of used merchandise normal to the operation of a marina.
- B. As normal to the operation of a used car lot.
- C. As provided for in Section 8.3, Yard Storage of this Ordinance.
- D. As required for the storage of usable farm machinery necessary to the various uses of land permitted in the Agricultural District.

Section 12.5 Marinas

New and/or expanded marinas are prohibited (amendment date mm/dd/yy).

Section 12.6 Seawalls

New and/or expanded seawalls, jetties, solid wood or metal breakwater walls and similar structures are prohibited (amendment date mm/dd/yy). This prohibition does not include rip rap revetments, biotechnical shoreline stabilization systems, and the combination of the two.

ARTICLE XIII PROCEDURES FOR SITE PLAN REVIEW

Section 13.1 Requirements for Site Plan

Site Plan Review and approval of all development proposals listed below is required by the provisions of this Section. All single-family residential developments are exempt from site plan review, except as noted in A below. The intent of this Section is to provide for consultation and cooperation between the developer and the Planning Commission so that both parties might realize maximum utilization of land and minimum adverse effects upon the surrounding land uses consistent with the requirements and purposes of this Ordinance. One or more provisions of this Section may be waived by the Planning Commission if, in the opinion of the Planning Commission, those provisions are not applicable to the proposed development. Through the application of the following provisions, the attainment of the aims of the Centerville Township Master Plan will be assured and the Township will develop in an orderly fashion. **All site plans must adequately demonstrate compliance with the Americans with Disabilities Act (ADA) of 1990, 42 U.S.C. 12101 et seq.**

A. Uses Requiring Site Plan Review

A site plan shall be submitted to the Planning Commission for approval of any use in the Business, Commercial Resort, Recreational, **Government** and R-II Districts, and shall also be required in the following situations:

- a. All Special Land Uses in all districts.
- b. Any use of development for which the submission of a site plan is required by any provision of this Ordinance.
- c. All site condo and condominium subdivisions developed pursuant to the Condominium Act (MCLA 559.101 *et seq.*) and all development which falls under the requirements of the Michigan Land Division Act of 1994, as amended (MCLA 560.101 *et seq.*).
- d. All additions to existing non-conforming uses except for single-family residential.

B. Application for Site Plan Review

An application for Site Plan Review shall be submitted to the Zoning Administrator. The detailed site plan presented for consideration shall contain all information required in this Ordinance. The ~~Zoning Administrator~~ **Township Planner** shall determine that the Site Plan application is administratively complete, **and confirmed as such by the Planning Commission**, before submitting it to the Planning Commission.

- a. Each submittal for Site Plan Review shall be accompanied by an application and site plan in the quantities specified in E of this Section. The application shall at a minimum, include the following:
 1. The Applicant's name, address, e-mail, and phone number in full.
 2. Proof of property ownership, and whether there are any options on the property, deed restrictions, or any liens against it.

3. A signed statement that the Applicant is the owner of the property or officially acting on the owners behalf.
4. The name and address of the owner(s) of record if the Applicant is not the owner of record (or firm or corporation having a legal or equitable interest in the land), and the signature of the owner(s).
5. The address and property tax number of the property.
6. Name, phone number, e-mail, and address of the developer (if different from the Applicant).
7. Name, phone number, e-mail, and address of the engineer, architect and/or land surveyor.
8. Project title.
9. Project description, including the total number of structures, units, bedrooms, offices, square feet, total and usable floor area, parking spaces, carports or garages, employees by shift, amount of recreation and open space, type of recreation facilities to be provided, hours of operation if applicable and related information as pertinent or otherwise required by this Ordinance.
10. A vicinity map drawn at a scale of 1" = 2000' with north point indicated.
11. The gross and net acreage of all parcels in the project.
12. Land uses, zoning classification and existing structures on the subject parcel and adjoining parcels.
13. Project completion schedule/development phases.
14. Written **impact** statement relative to **reasonably foreseeable** project impacts on **public safety (including traffic safety)**, existing infrastructure (including traffic capacity of streets, schools, **existing water and septic treatment services (if any)**, and existing utilities) and on the natural environment of the site and adjoining lands **and/or waters**. **This required impact statement shall also detail how the proposed site plan complies with Michigan's Environmental Protection Act, P.A. 17 of P.A.451 of 1994, as amended, which prohibits Township approval of site plans and special land uses that may pollute, impair or destroy the air, water and other natural resources of the State.**
15. A written **accessibility** statement relative to **site design, structures and amenities, pathways and connectors, service plans, employment practices, communications, signage, lighting, private or public passenger vessels, parking, etc.** This required accessibility statement shall also detail how the proposed site plan complies with the **Americans with Disabilities Act of 2010, Title III, Standards for Accessible Design, and Standards for Effective Communication, as amended, which prohibits the discrimination on the basis of disability in public accommodation and commercial facilities including services and site design, and ensures that communication with people with vision, hearing or speech disabilities is equally effective as communication with people without disabilities.**

- b. The site plan shall consist of an accurate, reproducible drawing at a scale of 1" =100' or less, showing the site and all land within 300' of the site. If multiple sheets are used, each shall be labeled and the preparer identified. Each site plan shall depict the following unless previously waived by the Centerville Township Planning Commission:
1. Location of proposed and/or existing property lines, dimensions, legal description, setback lines and monument locations.
 2. Existing topographic elevations at two-foot intervals, proposed grades and direction of drainage flow.
 3. The location and type of existing soils on the site and any certifications of borings.
 4. Location and type of significant existing vegetation, **including an inventory of existing trees (i.e., trees are 3 inches or more in diameter at breast height).**
 5. Location and elevations of existing watercourses and water bodies, including county drains and man-made **or natural** surface drainage ways, floodplains and wetlands.
 6. Location of existing and proposed buildings **and structures and existing and/or** intended uses thereof, as well as the length, width, and height of each building **and distance in feet from any other existing or proposed building or structure.**
 7. Proposed **and/or existing** location of accessory structures, buildings and uses, including but not limited to all flagpoles, light poles, bulkheads, docks, storage sheds, transformers, air conditioners, generators and similar equipment, and the method of screening where applicable, **and the distance in feet from any other existing or proposed building or structure.**
 8. Location of existing public roads, **rights-of-way**, and private easements of record and abutting streets **or roads.**
 9. Location of and dimensions of proposed streets, drives, curb cuts, **roads**, and access easements, as well as acceleration, deceleration and passing lanes (if any) serving the development. Details of entryway and sign locations should be separately depicted with an elevation view.
 10. Location, design, and dimensions of existing and/or proposed curbing, barrier free access, carports, parking areas (including indication of all spaces and method of surfacing), fire lanes and all lighting thereof.
 11. Location, size, and characteristics of all loading and unloading areas.
 12. Location and design of all sidewalks, walkways, bicycle paths and areas for public use.
 13. Location of water supply lines and/or wells, including fire hydrants and shut off valves, and the location and design of storm sewers, retention and detention ponds, waste water lines, clean-out locations, connection points and treatment systems, including septic **and/or sewage treatment** systems if applicable.

14. Location of all other utilities on the site including but not limited to natural gas, electric, cable, telephone and fiber optic.
15. Proposed location, dimensions and details of common open spaces and common facilities such as community buildings **and recreation facilities** ~~swimming pools~~ if applicable.
16. Location, size and specifications of all signs and advertising features with cross-sections.
17. Exterior lighting locations with area of illumination illustrated as well as the type of fixtures and shielding to be used.
18. Location and specifications for all fences, walls, and other screen features with cross-sections.
19. **A seventy-five (75) foot minimum perimeter buffer consisting of native vegetation shall be established and maintained for any new or modified uses within the commercial resort district and for all proposed agriculture-enterprise related ~~at tourism~~ land uses.** Location and specifications for all proposed perimeter and internal landscaping and other buffering features. For each new landscape material the proposed size at the time of planting must be indicated. All **native** vegetation to be retained on the site must also be indicated, as well as its typical size by general location or range of sizes as appropriate.
20. Location, size and specifications for screening of all trash receptacles and other solid waste disposal facilities.
21. Location and specifications for any existing or proposed above or below ground storage facilities for any chemicals, salts, flammable materials, or hazardous materials as well as any containment structures or clear zones required by government authorities.
22. Identification of any site amenities, **cultural** or natural features.
23. Identification of any views onto or from the site to or from adjoining parcels and areas, **including from adjacent public water bodies or water ways**, if applicable.
24. **Identification of ADA compliant accessible features including but not limited to parking, pathways and connectors, entrances, signage, etc.**
25. **Proof of review and approval by a qualified professional, of ADA compliance in site design and services in the form of a seal, letter, etc.**
26. North arrow, scale and date of original submittal and last revision.
27. Seal of the registered engineer, architect, landscape architect, surveyor, or planner who prepared the plan.
28. Deed restrictions, Master Deed ~~restrictions~~, and bylaws as applicable, for Township review to ensure that the condominium subdivision, or any use or development which requires site approval, its Master Association, and the Applicant have

provided for the continual maintenance of the development's services and facilities, to ensure protection of the natural environment; compatibility with adjacent uses of land; and general upkeep of the subdivision's land in a socially and economically desirable manner.

C. Site Plan Review and Approval

1. The Planning Commission as specified in this Section, shall review and approve, review and approve with conditions, or review and deny all site plans submitted under this Ordinance. **Site plan applications and modifications must be submitted to the Planning Commission no less than fourteen (14) days prior to the site plan being placed on the next meeting agenda or considered by the Planning Commission.** Each site plan shall comply with the "Standards for Granting a Site Plan Approval" as described in H of this Section. Each action taken with reference to site plan review shall be duly recorded in the official record of action by the Planning Commission. The Zoning Administrator shall forward any site plan received to the Planning Commission for review. Prior to any final decision, the Centerville Township Planning Commission may seek the recommendation of the Leelanau County Department of Building Safety, Planning Director, appropriate community fire chief, the Leelanau County Road Commission, Leelanau County Health Department, Leelanau County Drain Commissioner, the Department of Transportation, EGLE, and any other agency or official deemed necessary and having jurisdiction in the area of the proposed development. After approval of a site plan there shall be a twenty one (21) day waiting period, to allow for any appeals to the site plan to be filed.
2. Site plans for towers shall be **considered** ~~acted on~~ within sixty (60) days of receipt by the Centerville Township Planning Commission of an **administratively** complete application and site plan meeting the requirements in B of this Section. This review period may be extended upon written agreement between the Applicant and the Planning Commission. Following approval of a site plan and after the twenty one (21) day waiting period for appeals, the petitioner shall apply for the appropriate County and/or State permits as may be required by said agencies and present appropriate plans and specifications as may be required by such agencies.

D. Procedures for Submission and Review of Application for Major Projects

1. All developments ten thousand (10,000) square feet, or greater, of structure or greater than ten (10) acres in size, are major projects which require preliminary site plan review by the Planning Commission pursuant to the requirements below. All other projects may be either minor projects (see E below) subject to review and approval by the Planning Commission or amendments to existing site plans which are processed pursuant to the requirements in M of this Section below.
2. **Submission Requirements.**
The Applicant shall complete and submit the required number of copies of an application for Site Plan approval, site plans, and other information where applicable (see F: Distribution of Required Copies and Action Alternatives). Compliance with the requirements of the Zoning Ordinance is mandatory. The Applicant or his/her representative must be present at each scheduled review or the matter will be tabled for a maximum of two consecutive meetings due to lack of representation. After two meetings, reapplication for site plan review will be necessary. The procedure for

processing major project site plans includes three phases: 1) conceptual review via a pre-application conference, 2) preliminary site plan review, and 3) final site plan approval.

3. Pre-application Conference.

During this conceptual review phase, a generalized site plan is presented by a prospective Applicant **to the Township Planner and/or Zoning Administrator** for consideration of the overall idea of the development. Basic questions of use, density, integration with existing development in the area and impacts on the availability of public infrastructure are discussed. A prospective Applicant with the **Township Planner** ~~Planning Commission~~ and Zoning Administrator schedules this conference. At this meeting the Applicant or his/her representative is also presented with the applicable procedures required by the Zoning Ordinance for approval of the proposed development and with any special problems or steps that might have to be followed, such as requests to the Board of Appeals for a dimensional variance, etc.

4. Preliminary Site Plan Review.

The second phase is called Preliminary Site Plan Review. At this step a preliminary site plan meeting is scheduled **with and at the next regular meeting of the Planning Commission. At the discretion of the Planning Commission, Preliminary Site Plan Review may occur over multiple Planning Commission meetings.** ~~This meeting will be handled as a public hearing. Notice of the public hearing will be made according to Act 110 of Public Acts of 2006, as amended, and the Public Notification Section of the Centerville Township Zoning Ordinance.~~ Verification of the Applicant's compliance with the submittal requirements of this Ordinance (see G in this Section) is reviewed by the Planning Commission, and the changes necessary, if any, for final site plan approval are indicated in writing to the Applicant.

5. Final Site Plan Review.

Final Site Plan approval shall be considered by the Planning Commission ~~at a regular meeting.~~ **At the discretion of the Planning Commission, Final Site Plan Review may occur over multiple Planning Commission meetings. The Planning Commission, at its discretion, shall hold a public hearing upon determining that a Final Site Plan is ready for such.** ~~This meeting will be handled as a public hearing. Notice of the public hearing will be made according to Act 110 of Public Acts of 2006, as amended, and the Public Notification Section of the Centerville Township Zoning Ordinance.~~ The Planning Commission shall indicate in a ~~written~~ **Findings of Fact** that all requirements of the Zoning Ordinance, including those of other reviewing agencies within Centerville Township, have been met, including any conditions that may be necessary. Where the Applicant is dependent upon the grant of any variances by the Zoning Board of Appeals, said favorable action by the Zoning Board of Appeals is necessary before final site plan approval can be granted. An approved site plan shall include a note referencing the case number and date of all variances granted.

6. Data submittal requirements are be specified in F of this Section.

E. Procedures for Submission and Review of Application for Minor Projects

1. All developments less than ~~five ten thousand (5,000) (10,000)~~ **five ten thousand (5,000)** square feet of structure, ~~and ten (10) acres in size or smaller,~~ are minor projects which may be reviewed by the Planning Commission pursuant to the requirements below. All other projects may be either major projects (see D of this Section) subject to review and approval by the

Planning Commission or amendments to existing plans which are processed pursuant to the requirements in M of this Section.

2. **Additionally, the Zoning Administrator and/or Township Planner Planning Commission** may review and approve the following site plans:
 - a. Accessory uses incidental to a conforming existing use where said use does not require any variance and where said site plan conforms with all the requirements of this Ordinance.
 - b. Expansion and/or addition to an existing conforming use where said site plan conforms with all the requirements of this Ordinance and does not increase the size of the existing use or structure more than ten percent (10%) of the present size.
 - c. Accessory storage buildings in all Zoning Districts.
 - d. Increases in off-street parking areas, parking buildings and/or structures, increases in loading/unloading spaces in commercial and industrial Zoning Districts, and landscape development as required by this Ordinance.
 - e. For those conditional land uses so specifically identified in this Ordinance.
 - f. Amendments to approved site plans.
 - g. Final site plans.
3. The Planning Commission shall apply all applicable standards and procedures of this Ordinance in approving, conditionally approving or denying site plans.
4. Data submittal requirements shall be as specified in F(f). below.

F. Distribution of Required Copies and Action Alternatives

Where Site Plan Review is required by this Ordinance, an Applicant for Site Plan Approval shall complete and submit copies of an Application for Site Plan Approval, site plans, and other information where applicable, as set forth below.

1. The Application for Site Plan Approval must be obtained from the Planning Commission. The Applicant is asked to keep one copy for his/her records. The Applicant shall return the original and six (6) copies of the application and seven (7) copies of the Site Plan to the Planning Commission at least thirty (30) days prior to the next regularly scheduled meeting of the Planning Commission for the purpose of preliminary site plan review.
2. The entire application (including Application for Site Plan Review and Site Plan) must be distributed as follows:
 - Original and six (6) copies returned to the Planning Commission
 - Copies to the Road Commission per their requirements
 - Copies to the Health Department, per their requirements
 - Copies to the Drain Commission, per their requirements
 - Copies to the Cedar Area Fire & Rescue Department, per their requirements
 - Copies, to the Leelanau County Department of Building Safety, per their requirements

Delivery may be via electronic or hardcopy format as indicated by each agency. The Planning Commission does accept electronic copies. Upon delivery of the application and site plans; the Applicant shall obtain a receipt from the agencies as proof of delivery or a stamped, signed site plan indicating no comment. This receipt may be in electronic format (i.e., email). The receipt with comments, if any, from each agency shall be returned to the Planning Commission. Without these receipts and applicable comments, the site plan will not be processed.

3. Application fees as found in the Centerville Township **Zoning** Fee Schedule must be paid when the application is submitted and an escrow account must be established to cover the projected review costs.
4. For preliminary review purposes, an application for major project Site Plan Reviews will be placed on the agenda of a regular meeting of the Planning Commission for discussion and action only after receipt of the comments from State and County agencies, unless the site plan has been in the possession of the review agencies for thirty (30) days without review and/or comment.
5. The Planning Commission will consider all applications for site plan review submitted to it for approval, revision, or disapproval at a scheduled meeting:
 - a. The Planning Commission shall prepare a report of each and every site plan submitted in accordance with this section, containing a synopsis of the relevant facts contained in and related to this site plan, together with the Planning Commission's proposed determination.
 - b. Upon determination of the Planning Commission that a site plan is in compliance with the Zoning Ordinance and other plans or regulations, it shall be so indicated on the site plan.
 - c. Upon determination of the Planning Commission that a site plan is in compliance, except with minor revisions, said changes shall be so indicated. When these changes have been adequately provided, the petitioner shall resubmit the site plan to the Planning Commission for final site plan approval.
 - d. If extensive revisions to the site plan are necessary to meet the Zoning Ordinance, and other applicable plans and regulations, the site plan shall be disapproved and the Applicant requested to prepare an alternate site plan. In this case, "DISAPPROVED" shall be written on the plan and reasons for disapproval indicated in the Planning Commission's resolution.
6. Any site plans ~~reviewed as minor projects and approved by the Planning Commission pursuant to E of this Section~~ and all final site plans shall have the same submittal requirements and action alternatives as for preliminary site plans described in the above requirements with the following exceptions.
 - a. Original and six (6) copies of the **preliminary and** final site plan and related information shall be submitted.
 - b. Up to six (6) copies may be distributed to other reviewing agencies as determined necessary by the Planning Commission.

7. When a site plan is reviewed and approved or disapproved by the Planning Commission, and all steps completed, two (2) copies of the site plan will be marked by the Planning Commission for the following distribution:
 - a. One (1) copy returned to the Applicant signed by the Chairperson of the Planning Commission including any conditions of approval.
 - b. One (1) copy forwarded to the Planning Commission for filing.
8. Upon Final Site Plan Approval by the Planning Commission, and after a twenty one (21) day waiting period, for appeals, a building permit may be obtained subject to review and approval of the Leelanau County Department of Building Safety.
9. Failure to initiate construction of an approved site plan within 365 days of approval shall require the Applicant to appear before the Planning Commission and demonstrate why the approval should not be revoked. Thirty (30) days prior to the expiration of an approved site plan, an Applicant may make application for a one (1) year extension of the site plan at no fee. The Applicant shall explain in writing why the development has not proceeded, what the current time frame is and why an extension should be granted. The Applicant shall present his/her case in person or by representative at the next meeting of the Planning Commission. No more than one (1) extension shall be granted.
10. After such an appearance, the Planning Commission may revoke a previously "Approved Site Plan" for property on which no physical development activity has occurred upon making written findings that one or more of the following circumstances exist:
 - a. an error in the original approval is discovered either because of inaccurate information supplied by the Applicant or an administrative error by a staff member or other agency;
 - b. zoning regulations applicable to the project have been changed and the previously approved site plan does not comply with them;
 - c. a change in state law, local charter, or other local ordinance affecting the previous approval has occurred;
 - d. pollution, impairment or destruction of the environment or to another legally protected public interest would occur if the project were to be constructed as previously approved;
 - e. if more than one (1) year has lapsed or two (2) years, if an extension was granted, since approval of the final site plan, pursuant to G(h). above.
11. Revocation of an approved site plan shall be communicated in writing by certified mail by the **Zoning Administrator or the Township Planner** to the property owner. The County Building Inspector shall also be notified to withhold any building permit until a new site plan is approved.
12. Any subsequent re-submittal shall be processed as a new request with new fees, except for minor amendments pursuant to M of this Section.

G. Standards for Granting Site Plan Approval

1. Each site plan shall conform to all applicable provisions of this Zoning Ordinance and the standards listed below:
 - a. All elements of the site plan shall be harmoniously and efficiently organized in relation to topography, the size and type of the lot, the character of adjoining property and the type and size of buildings. The site shall be so developed as not to impede the normal and orderly development or improvement of surrounding property for uses permitted in this Ordinance.
 - b. The landscape shall be preserved in its natural state, insofar as practical, by minimizing tree and soil removal, and by topographic modifications which result in maximum harmony with adjacent areas.
 - c. Site plans shall fully conform with the published surface water drainage standards of the Leelanau County Drain Commissioner.
 - d. Special attention shall be given to proper site drainage so that removal of storm waters will not adversely affect neighboring property owners.
 - e. The site plan shall provide reasonable, visual and sound privacy for all dwelling units located therein and adjacent parcels. Fences, walks, barriers and landscaping shall be used, as appropriate, for the protection and enhancement of property and for the privacy of its occupants.
 - f. All buildings or groups of buildings shall be so arranged as to permit emergency access by some practical means to all sides.
 - g. If there is a pedestrian circulation system, it shall be insulated as completely as reasonably possible from the vehicular circulation system.
 - h. All loading and unloading areas and outside storage areas, including areas for the storage of trash, which face or are visible from residential districts or public thoroughfares, shall be screened, by a vertical screen consisting of structural or plant material no less than six (6) feet in height.
 - i. Exterior lighting shall be arranged so that it is deflected away from adjacent properties and so that it does not impede the vision of traffic along adjacent streets.
 - j. The arrangement of public or common ways for vehicular and pedestrian circulation shall respect the pattern of existing or planned streets and pedestrian or bicycle pathways in the area. Streets and drives which are a part of an existing or planned street pattern which serves adjacent development shall be of a width appropriate to the traffic volume they will carry and shall have a dedicated right-of-way equal to that specified by the Leelanau County Road Commission.
 - k. All streets shall be developed in accordance with the Centerville Township Private Road Ordinance or the Leelanau County Road Commission specifications as required.

- l. Site plans shall fully conform to the driveway and traffic safety standards of the Michigan Department of Transportation and/or the Leelanau County Road Commission.
- m. Site plans shall fully conform to the applicable fire safety and emergency vehicle access requirements of the State Construction Code and/or local Fire Chief requirements.
- n. Site plans shall fully conform to the Leelanau County Soil Erosion and Sedimentation Control Ordinance.
- o. Site plans shall fully conform to the requirements of the Michigan Department of Community Health and the Benzie-Leelanau District Health Department.
- p. Site plans shall fully conform to all applicable state and federal statutes.
- q. Site plans shall conform to all applicable requirements of local, state and federal statutes and approval shall be conditioned on the Applicant receiving necessary state and federal permits before final site plan approval or an occupancy permit is granted.

H. Conditional Approvals

1. The Planning Commission **in final site plan review** may conditionally approve a site plan in conformance with the standards of another local, county or state agency, such as but not limited to a Water and Sewer Department, County Drain Commission, County Road Commission, State Highway Commission or EGLE. They may do so when such conditions:
 - a. would ensure that public services and facilities affected by a proposed land use or activity will be capable of accommodating increased service and facility loads caused by the land use or activity,
 - b. would protect the natural environment and conserve natural resources and energy,
 - c. would ensure compatibility with adjacent uses of land, and
 - c. would promote the use of land in a socially and economically desirable manner.
2. The Planning Commission may conditionally approve a site plan for its conformance with fencing, screening, buffering or landscaping requirements of this Ordinance and may collect a performance guarantee consistent with the requirements of J of this Section (below) to ensure conformance. When so doing, the following finding shall be made and documented as part of the review process:
 - a. that such fencing, screening, buffering or landscaping would mitigate negative effects of noise, dust, lighting, vehicular or pedestrian traffic, loading or unloading, parking or other similar impact on adjoining parcels;
 - b. that absent such conditions, the development would adversely affect the reasonable use, enjoyment and value of adjoining lands in light of similar benefits enjoyed by other properties in the area.

I. Conformity to Approved Site Plan Required

Following final approval of a site plan by the Planning Commission, the Applicant shall construct the site plan **elements improvements** in complete conformity with the approved plan. Failure to do so is a violation of this Ordinance and subject to the sanctions of this Ordinance.

J. Performance Guarantee ~~Required~~

In the interest of insuring compliance with the Zoning Ordinance provisions, protecting the natural resources and the health, safety and welfare of the residents of Centerville Township and future users or inhabitants of an area for which a site plan for a proposed use has been submitted, the Planning Commission may require the Applicant to deposit a performance guarantee as set forth herein. The purpose of the performance guarantee is to ensure completion of **development improvements** connected with the proposed use as required by this Ordinance, including but not limited to, roadways, lighting, utilities, sidewalks, drainage, fences, screens, walls, landscaping, and widening strips.

1. Performance guarantee as used herein shall mean a cash deposit, certified check, irrevocable bank letter of credit or corporate surety bond in the amount of the estimated cost of development to be made as determined by the Applicant and verified by the Centerville Township Planning Commission, subject to Township Board approval.
2. When a performance guarantee is required, said performance guarantee shall be deposited with the Centerville Township Clerk prior to the issuance of a building permit by the County Building Inspector for the development and use of the land. Upon the deposit of the performance guarantee the Centerville Township Clerk shall deposit the performance guarantee, if in the form of a cash deposit or certified check, in an interest-bearing account with the interest accruing to the Applicant.
3. If the Applicant has been required, prior to the Centerville Township conditional approval, to post a performance guarantee or bond with another governmental agency other than Centerville Township to ensure completion of a development associated with the proposed use, the Applicant shall not be required to deposit with the Township a performance guarantee for that specific improvement. At the time the performance guarantee is deposited with the Centerville Township Clerk and prior to the issuance of a building permit, the Applicant shall enter into an agreement incorporating the provisions herein with the Township regarding the performance guarantee.
4. An approved site plan shall also prescribe the period of time within which the development for which the performance guarantee has been required are to be completed. The period will begin from the date of the issuance of the building permit.
5. In the event the performance guarantee is a cash deposit or certified check, the Centerville Township Clerk shall rebate to the Applicant fifty (50%) percent of the deposited funds when sixty (60%) percent of the required development are completed as confirmed by the Zoning Administrator, and the remaining fifty (50%) percent of the deposited funds when one hundred (100%) percent of the required development are completed as confirmed by the Zoning Administrator. If a request is made by the

Applicant for a temporary certificate of occupancy without completion of required exterior development, the performance guarantee herein required may be applied by said Applicant to assure compliance with the Zoning Ordinance standards and the specifications of the approved site plan.

6. Upon the satisfactory completion of the development for which the performance guarantee was required, as determined by the Zoning Administrator, the Centerville Township Clerk shall return to the Applicant the performance guarantee deposited and any interest earned thereon.
7. In the event the Applicant defaults in making the development for which the performance guarantee was required within the time period established by the Township, the Township shall have the right to use the performance guarantee deposited and any interest earned thereon to complete the development through contract or otherwise, including specifically the right to enter upon the subject property to make the development. If the performance guarantee is not sufficient to allow the Township to complete the development for which it was posted, the Applicant shall be required to pay the Township the amounts by which the costs of completing the development exceeds the amount of the performance guarantee deposited. Should the Township use the performance guarantee or a portion thereof, to complete the required development, any amounts remaining after said completion shall be applied first to the Township's administrative costs in completing the development, with any balance remaining being refunded to the Applicant.

K. Operation Guarantee Required

The Township Board, if so empowered by State or Federal Statute, may require an appropriate guarantee to assure continued operation of any portion of use or a development, which requires site approval.

L. Amendments to Approved Site Plans

1. Amendments to an approved site plan may be made by the Planning Commission provided that such changes conform to the Zoning Ordinance and the landowner agrees. Minor changes to an approved site plan may be approved by the Zoning Administrator after construction has begun provided no such change results in any of the following.
 - a. A significant change in the use or character of the development.
 - b. An increase in overall coverage of structures.
 - c. A significant increase in the intensity of use.
 - d. A reduction in required open space.
 - e. A reduction in required off-street parking and loading.
 - f. A reduction in required pavement widths or utility pipe sizes.
 - g. A significant increase in traffic on neighborhoods or public streets or an increase in the burden on public utilities or services.

2. Minor amendments include, but are not limited to, the following:
 - a. Moving building walls within the confines of the smallest rectangle that would have enclosed each original approved building(s). Relocation of building entrances or exits, or shortening of building canopies.
 - b. Changing to an equal or more restricted use provided there is no reduction in the amount of off-street parking as originally provided.
 - c. Changing the angle of parking or aisle width provided there is no reduction in the amount of required off-street parking or in reduction of aisle width below ordinance requirements.
 - d. Moving of ingress or egress drives a distance of not more than 100 ft if required by the appropriate state, county or other local road authority with jurisdiction.
 - e. Substituting landscape plan species provided a nurseryman, landscape architect, engineer or architect certifies the substituted species is similar in nature and screening effect.
 - f. Changing type and design of lighting fixtures provided an engineer or architect certifies there will be no change in the intensity of the light at the property boundaries.
 - g. Increase peripheral yards.
 - h. Changing the location of an exterior building wall or location no more than ten (10) feet because of a natural impediment or hazard such as bedrock or muck soils, provided that in so doing no setback requirement of the Ordinance is violated and no significant reduction in safety or in the amount of open space is thereby affected.
3. If the Zoning Administrator finds that a proposed amendment to an approved site plan does not qualify as a minor change, they shall notify the permit holder, the County Building Inspector, and the Planning Commission in writing that site plan approval has been suspended pending approval by the Planning Commission of the proposed amendment. The permit holder's notice shall be delivered by certified mail. If construction has begun, a stop work order shall be issued by the Zoning Administrator for that portion of the project which is not in compliance with the Ordinance. Once site plan approval for a project has been suspended, the permit holder has the option of changing the project plans to conform with the Ordinance requirements, or of restarting the Site Plan Review process. When the issue has been resolved, the Zoning Administrator shall send written notice to the permit holder, the County Building Inspector, and the Planning Commission that the project's site plan has again been approved. This provision is not to be construed to prohibit phased development of a project, provided that each phase is developed in accordance with an approved site plan.

M. Appeals of Final Site Plans

1. The Centerville Township Planning Commission shall give final approval to all Site Plans

2. Any person aggrieved by a decision of the Planning Commission in granting or denying approval of a final site plan may appeal the decision to the Zoning Board of Appeals. The appeal must be filed within twenty one (21) days of the decision and shall state the factual basis for the appeal. An appeal shall stay action on the issuance of any permit pursuant to an approved site plan.
3. The Zoning Board of Appeals shall review the record of action taken on the final site plan and shall determine whether the record supports the action taken. No new evidence shall be presented. The Zoning Board of Appeals shall approve the final site plan if **it finds that the Planning Commission reasonably determined that** the requirements of this Section and other applicable ordinance requirements are met. The Zoning Board of Appeals shall make written findings in support of its opinion on the appeal.

N. As-Built Site Plan

Upon completion of the installation of required development as shown on the approved site plan, the property owner shall submit to the Zoning Administrator three (3) copies of an "as built" site plan, certified by the engineer or surveyor, at least one week prior to the completion of the project. The Zoning Administrator shall circulate the as built plans among the appropriate departments for review to ensure conformity with the approved site plan and other County requirements. Once each department has approved the as built plans the Zoning Administrator will make the final inspection and then notify the Leelanau County Department of Building Safety of approval or disapproval.

O. Land Clearing

Prior to site plan approval, or prior to the lapse of the seven (7) day waiting period, after approval, no person shall undertake or carry out any such activity or use associated with the project for which site plan approval is first required by this Ordinance. Nor shall such activity commence prior to obtaining necessary soil erosion and sedimentation control permits, wetlands permits, or flood plains permits. Any violation of this provision is subject to the fines and penalties prescribed in this Ordinance for each day of the violation from the day of discovery of the incident until an approved restoration plan, or an approved site plan is granted.

ARTICLE XIV STANDARDS FOR SPECIAL LAND USES

Section 14.1 Intent and Purpose

The formulation and enactment of this Ordinance is based upon the division of the Township into zoning districts, each which may permit specific uses, and special land uses. Special land uses are those uses of land which are not essentially incompatible with the uses permitted in a zoning district, but possess characteristics or locational qualities which require individual review and consideration in order to avoid incompatibility with the natural environment of the site, the character of the surrounding area, existing or planned public services and facilities, and adjacent uses of land. The purpose of this Article is to establish procedures and criteria which shall be applied in the determination of requests to establish special land uses and the issuance of special use permits. The standards, requirements, and findings for making approval determinations provided under the provisions of this Article shall be in addition to others required elsewhere in this Ordinance.

Section 14.2 General Provisions

- A. **Authority to Consider Special Land Use Applications.** The Planning Commission as hereinafter provided shall have the authority to approve, deny, or approve with conditions (if appropriate) special land uses.

- B. **Application.** Application for any special land use permit permissible under the provision of this Ordinance shall be made to the Planning Commission through the Zoning Administrator by filing an official special use permit application and submitting a site plan in accordance with Article 13. In addition to information or documents required by Article 13, the Applicant shall provide the following information:
 - 1. Location of all proposed special land uses and activities to be conducted on the parcel(s);
 - 2. Height and footprint of all structures and development;
 - 3. Adjacent land uses and their corresponding zoning districts;
 - 4. Need for the proposed special land use in the specific area of the Township.
 - 5. Compatibility with the listed permitted uses in the zoning district where the proposed special land use is requested to be located;

6. Such additional information or documents that will assist the Planning Commission in determining whether the proposed special land use meets the General Provisions as provided in Article 3.

C. Public Hearing for Special Use Permit. After a preliminary review of the site plan and application for a special land use permit, the Planning Commission shall hold a public hearing in accordance with the Michigan Zoning Enabling Act, PA 110 of 2006, as amended.

D. Specific Requirements of the Review Process. All special land uses in all zoning districts shall be processed and reviewed in accordance with the following procedure:

1. **Pre-Application Meeting.** The Applicant shall request a preliminary meeting with the Zoning Administrator to discuss the proposal, design elements, ordinance requirements, etc.
2. **Submission of Application.** The Applicant shall submit two (2) complete applications and site plans for completeness review by the Zoning Administrator or his/her designee. Upon the Zoning Administrator finding the application package complete, the Applicant shall submit the requested number of copies (hard copies and digital) to the Zoning Administrator to be forwarded to the Planning Commission for initial consideration. If the application and site plan are found to be incomplete, the Zoning Administrator shall notify the Applicant, in writing, that additional information is required. No applications or site plans will be forwarded to or considered by the Planning Commission until they are found to be administratively complete.
3. **Planning Commission Initial Review.** Upon receiving an application and site plan that the Zoning Administrator has determined to be administratively complete, if the Planning Commission agrees it shall schedule a public hearing. If additional information is needed, the Planning Commission shall notify the application of information requested in writing. Until the Planning Commission determines that the application is administratively complete, a public hearing will not be scheduled.
4. **Public Hearing.** On the appointed date and time, the Planning Commission shall conduct the public hearing.
5. **Action of the Planning Commission.** Upon completion of the Planning Commission's review and completion of the public hearing, the Commission shall make findings to determine if the application meets the required standards and requirements. Based upon this determination, the Planning Commission may consider a motion for approval, approval with conditions, or denial of the special land use application based on the facts presented at the public hearing and the application of those facts to

the General Standards and Specific Requirements for a special land use permit. The Commission may also postpone its determination to allow for verification, compilation, or submission of additional or supplemental information, or to address other concerns or issues raised during the Planning Commission's review ~~during the public hearing~~. Announcement of the date for the Commission to decide upon the matter shall be processed in accordance with the provisions of this Article and the Open Meetings Act, PA 267 of 1976, as amended.

Section 14.3 Standards, Requirements and Findings

The Planning Commission shall review the particular circumstances of the special land use permit application in accordance with the requirements of this Article. Approval of the special land use application shall be contingent upon approval of the site plan and a finding of compliance with all of the General Standards and Specific Requirements listed below:

A. General Standards.

1. The proposed special land use meets the objectives, intent, and purposes of this Article and the zoning district in which the proposed special land use is to be located.
2. The proposed special land use is designed, and is intended to be constructed, operated, maintained, and managed so as to be consistent with the existing or intended character of parcels within the zoning district.
3. The proposed special land use meets or exceeds the minimum requirements for the zoning district in which it is requested to be located.
4. The proposed special land use will be served adequately by essential public utilities, facilities, and services such as water supply, wastewater disposal, highways, roads, police and fire protection, drainage structures, and refuse disposal. Alternatively, such services, if adequate to serve the proposed special land use, may be provided privately or by a combination of public and private providers.
5. The proposed special land use will not adversely impact existing or future neighboring uses. For example, but without limitation, the proposed special land use shall be designed as to location, size, intensity, site layout, and periods of operation to eliminate any possible conflicts. Additionally, it shall not be detrimental to any persons, property, or the general welfare by reason of excessive smoke, fumes, fugitive dust, chemical spray drift (other than

activities protected by the Michigan Right to Arm Act), glare, noise, vibration, and odors, nor have adverse environmental impacts and detrimental effects on the general aesthetics or appearance of the character of existing or future neighborhood uses.

6. The proposed special land use shall not have an adverse effect on the natural environment beyond the normal impacts of permitted principal uses in the same zoning district, and shall not result in impairments, pollution or destruction of the air, surface water, ground water, vegetation, and other natural resources.
7. The proposed special land use will not create excessive additional requirements or costs for public facilities, utilities and services.
8. The proposed special land use has met or will meet all requirements of other Township, County, State, and Federal ordinance and code requirements.
9. The proposed special land use will meet the Specific Requirements described below, which are applicable to the proposed special land use.

B. Specific Requirements. The following specific requirements shall be met to the extent applicable to the proposed special land use:

1. Ingress and egress for the special land use shall be controlled to ensure maximum vehicular and pedestrian safety, convenience, and minimum traffic impact on adjacent roads and highways, drives, and nearby uses including, but not limited to:

- a. Minimization of the number of ingress and egress points through elimination, minimization, and consolidation of drives and curb cuts;
- b. Proximity and relation of driveway to intersections;
- c. Minimization of pedestrian and vehicular traffic conflicts;
- d. Adequacy of sight distances between road and driveway intersections;
- e. Location and accessibility of off-street parking, loading, and unloading for automotive vehicles, including buses and trucks;
- f. Location and potential use of ingress and egress drives to access special land use parcels for the purpose of possibly reducing the number of access points necessary to serve the parcels.

g. Adequate maneuverability and circulation for emergency vehicles.

2. Adequate visual and noise screening shall be provided along all sides and rear property lines by a buffer area, and along the front property line by a greenbelt unless it can be demonstrated that the proposed special land use can be adequately controlled through some other means, such as restrictions on the hours of operation, or reducing the impact by the type and level of activity to be conducted on the site.

C. Special Use Conditions. The Planning Commission may impose reasonable conditions that are allowed by this Ordinance. Any imposed conditions shall:

- 1. Be designed to protect the natural environment, conserve natural resources, protect the health, safety and welfare, and the social and economic well-being of those who will use the proposed special land use, as well as those residents and landowners immediately adjacent to or in the vicinity of the proposed special land use, and the community as a whole.**
- 2. Be related to the valid exercise of police power and purposes which could be adversely affected by the proposed special land use.**
- 3. Be necessary to meet the intent and purpose of any applicable requirement of this Ordinance.**
- 4. Be related to the standards and requirements established in this Article for the proposed special land use, and considered necessary to ensure compliance with those standards and requirements.**
- 5. Be adequate to safeguard the protection of the general welfare and individual property rights, and to ensure that the intent, purpose, goals, and objectives of this Article are met.**

D. General Requirements.

- 1. Application for a proposed special land use shall be made by those persons having ownership of the land on which the special land use is being requested. All persons having an ownership interest in the property shall sign the application prior to its acceptance by the Township.**
- 2. A special land use application shall be deemed to have received final approval only if final approvals have been obtained on the special land use application and the site plan application. An approved special land use shall not receive a land use permit or begin construction or use of the property until a site plan is**

approved for the special use and all the conditions have been met. The site plan may be approved at the same time or after the special use permit. Based on the complexity of the application and the potential length of the public hearing, the Planning Commission may consider the special use application and site plan at the same hearing or in separate hearings. The Applicant may request either separate or joint consideration of the application and site plan. However, based on the standards described above, the determination of separate or joint hearings shall be made by the Planning Commission.

3. The approved minutes of the Planning Commission shall be the date official action was taken on a proposed special land use application. Said minutes shall constitute notice of the Planning Commission's decision regarding the proposed special land use application, and a copy of said minutes shall be made available to the Applicant, regardless of whether the proposed special land use is approved, approved with conditions, or denied.
4. All construction, development, or use of a parcel(s) of land shall be in complete accordance with the approved special land use, any conditions of approval, and the approved site plan.
5. A special land use approval may be terminated by subsequent rezoning of the affected parcel, unless subject to the continuance of any vested legal nonconforming use rights.
6. The reapplication, reconsideration, and rehearing for a proposed special land use that has been denied by the Planning Commission shall not be resubmitted until one (1) year from the date of such denial, except on the grounds of newly discovered evidence or proof of materially changed conditions, as determined by the Planning Commission, sufficient to justify reconsideration by the Planning Commission at an earlier date. Each reapplication shall be treated as a new application.
7. All conditions included with the approval of a proposed special land use shall be recorded in the official approved minutes of the Planning Commission, and they shall remain in effect unless subsequently amended by the mutual approval of the Planning Commissions and any landowners. The Planning Commission's approved minutes shall include a record of any such subsequent agreements.

E. Performance Guarantee: Shall be required as per Section 13.1.J. of this Ordinance.

F. Additional Requirements.

Conditions and requirements included as a condition of approval shall be continuing obligations on all owners, managers, and users of the proposed special land use and shall be binding upon their heirs, assigns and upon any persons taking subsequent title to the affected property while such special land use approval remains in effect.

Section 14.4 Amendments and Additional Information

A. Amendments. Amendments to a special land use approval shall be permitted only under the following circumstances:

1. The holder of a special land use approval shall notify the Zoning Administrator, in writing, of any desired change.
2. Minor Amendment. Minor changes may be approved by the Zoning Administrator and the Planning Commission Chair upon determining that the proposed amendment(s) will not alter the uses and basic character of the special land use approval, nor any specified conditions imposed as part of the original approval. Minor changes include, but are not limited to the following:
 - a. Changes necessary to conform to other laws or regulations of the Township, the Leelanau County Road Commission, or other County, State, or Federal regulatory agencies.
 - b. Change of phases or in the sequence of phases, only if all phases of the special land use have received final approval and provided that the change does not alter any conditions of approval.
 - c. ~~An increase of less than twenty-five (25) percent in the main building's usable floor area, the land area occupied by the main or accessory uses, the size of the parking area, the number of parking spaces provided, occupancy load, capacity or membership, or traffic generation.~~
3. Major Amendment. A major amendment to an approved special land use shall require a new application and review as required by this Article.
 - a. A major amendment shall be considered as one (1) or more of the following:

- i. A new special land use or the use is expansion of a special land use to an adjacent property that was not included in a previous approved special land use application.
 - ii. Any proposed amendment that is not a minor amendment.
- B. **Additional Information and Escrow Funds.** The Planning Commission may require such additional information, data, or studies to be prepared by a qualified person or persons as deemed reasonably necessary to determine conformance with the General Standards and Specific Requirements of this Article, and the site plan review standards in Article 13. This material may include, but is not limited to, aerial photographs, traffic studies, wetlands delineation, soil tests, study and analysis of the perceived need for the proposed special land use in the Township and the area, legal and engineering review, and other pertinent information. Approval of the Benzie-Leelanau District Health Department, the Leelanau County Road Commission, the Cedar Area Fire & Rescue Department, or other agencies that may be required to develop the site shall not be the sole determining factor in this regard. The Planning Commission may require the Applicant to provide the additional information, data, or studies or the Planning Commission may select an independent entity. If an independent entity is selected to perform this work, then the charges for this work and all related costs, including analysis by professionals, shall be paid from the Performance Guarantee, per Section 13.1.J., applicable to the application.

Section 14.5 Special Land Use Approvals and Extensions

- A. Special land use approvals, and any conditions of approval, shall run with the land and be binding upon the Applicant and any subsequent successors, heirs, or assigns.
- B. If substantial construction has not taken place within one (1) year of the special land use approval date, as determined by the Zoning Administrator, the special land permit use shall expire.
- C. The Planning Commission may grant two (2) extensions of a special land use approval, of an additional one (1) year period for each extension, provided that the Applicant submits an extension request prior to the one year expiration date of the special land use approval or a prior extension. To grant an extension, the Planning Commission must find that any delays were beyond the control of the Applicant, and that the Applicant will complete substantial construction within the one (1) year extension period.

Section 14.6 Appeals of Special Land Use Approvals

The Planning Commission shall grant or deny approval of all special land use applications. A person aggrieved by a decision of the Planning Commission in granting or denying approvals of a special land use, or regarding any conditions attached to approval of the special use permit, may appeal the decision to the Zoning Board of Appeals per the requirements of Article 18 of this Ordinance.

SECTION 14.7 Special Land Use Approval and Land Use Permits

Special land use approval still requires issuance of a land use permit. The Zoning Administrator shall issue a land use permit only after all conditions (if any) which can be met prior to issuance of the land use permit have been completed, and all fees have been paid. No construction shall commence until after a land use permit has been issued.

ARTICLE XIV XV STANDARDS FOR OPEN SPACE PRESERVATION

Section 15.1 Intent

It is the intent of this Article to establish and implement the goals of the Centerville Township Comprehensive Master Plan, which, in part, directs the Township to provide for Articles to “retain the township rural and scenic character” and “to protect our natural resources.” **All planned unit developments (PUDs per Section 503 of the Michigan Zoning Enabling Act, P.A. 110 of 2006, as amended) and site condominium developments (Michigan P.A. 59 of 1978, as amended) shall be open space preservation developments as regulated by this Article.** This Article intends to provide incentives to developers to design projects in such a way as to help the Township achieve its stated objectives of preserving agriculturally productive land, protect and preserve the natural environment and site housing in a manner that preserves the rural views of the neighborhood. This article recognizes the need to balance the growth of the population with the goals and objectives cited above. This balance is integral to meeting the Comprehensive Plan goal “to promote a future for the township that is environmentally, socially, and economically resilient.” This Article incorporates density bonuses for developers whose Site Plans support these agricultural and environmental objectives.

Section 15.2 Design Objectives For Clustered Developments

The following objectives are presented in order to give the Applicant guidelines of what Centerville Township is trying to achieve with Open Space Preservation and to assist in the preparation of the Site Plan. A Clustered Development Applicant should, to the most reasonable and feasible extent possible:

- 1) Protect and preserve all wetlands, floodplains and steep slopes (25% or greater) from clearing, grading, filling, or construction.
- 2) Preserve existing fields, orchards, vineyards, and pastures, and creation of sufficient buffer areas to minimize conflicts between residential and agricultural uses.
- 3) Minimize the impacts on woodlands, especially those located on prime timberland soils or important farmland soils.
- 4) Preserve or create an upland buffer of native vegetation of at least 100 feet (in depth) from adjacent surface waters.
- 5) Preserve the elevation of any rooftop in relation to the elevation of any ridge line as seen from any public way. Existing trees should be retained or new plantings be made to lessen the visual impact of new construction sited near hilltops or ridges as seen from any public way.
- 6) Conform to surrounding land uses and preserve wildlife corridors.
- 7) Protect the rural roadside character and public safety by avoiding development fronting directly onto existing public roads.
- 8) Preserve sites of historic, archaeological, or cultural value.
- 9) Provide that open space land shall be as contiguous as possible.

Section 15.3 General Requirements

Section 15.3.1 District Requirements

Clustered housing developments shall be permitted as a Special Use in all Districts. Unless otherwise listed in this Article, clustered developments must meet the requirements of Article IV, General Provisions. Clustered developments shall also go through the process and meet all the standards and criteria set forth in Article XIII, Section 13.1, Requirements for Site Plan Review.

Section 15.3.2 Conveyance

Clustered housing developments may utilize any legal form of land conveyance, including subdivisions, site condominiums, and land divisions. The project shall also meet the requirements of each method of conveyance.

Open Space shall be permanently preserved through an irrevocable conveyance acceptable to the Township Board.

Section 15.3.3 Maximum Density

The maximum number of dwelling units permitted in a clustered housing development shall not be greater than that allowed by right in the Residential I Zoning District, or, in the case of the Commercial Resort and Government Districts, the underlying density.

Section 15.3.4 Roads

Roads within the clustered development will be Private and shall meet the requirements of any and all local, County or State ordinances, rules and/or regulations.

Section 15.3.5 Sewage Disposal

Clustered housing developments require sewage disposal systems. All Cluster Projects shall receive all necessary local, State and Federal permits as a condition of the Special Land Use Permit.

Section 15.3.6 Dwelling Types

Dwelling types shall meet the Township minimum dwelling requirements and may include multiple family dwellings. Dwelling types shall be identified in the application and shown on the site plan.

Section 15.4 Standards For Clustered Housing Developments

Section 15.4.1 Total Number of Units Allowed / Clustering Options

The total number of dwelling units allowed within a clustered housing development will depend on the total gross acreage of the property, the underlying maximum density, and the amount of Open Space provided. The following Open Space option is offered:

A clustered housing development that retains greater than or equal to 50% of the buildable land in the parent parcel as Open Space (excluding otherwise non-buildable land) shall be allowed a maximum number of dwelling units equal to the total buildable area of the property times the open space acreage of the property times the allowable density in the residential district. For example, a 100 acre parcel with 20 acres of wetlands entering into a clustered development in the Agricultural Zoning District with 50% dedicated Open Space would be allowed a maximum of 80 dwelling units.

$(100 \text{ acres} - 20 \text{ acres} = 80 \text{ acres} \times 50\% = 40 \text{ acres} \times 2 \text{ units per acre} = 80 \text{ units})$

Increasing the retained open space to 60% would increase the allowable density to 96 units as follows:

$(100 \text{ acres} - 20 \text{ acres} = 80 \text{ acres} \times 60\% = 48 \text{ acres} \times 2 \text{ units per acre} = 96 \text{ units})$

Section 15.4.2 Calculating Open Space

Calculations of Open Space and gross acreage shall be performed to the nearest hundredth of an acre (0.01).

The Total Allowable Units amount shall be rounded down to the nearest whole number.

Roads and road easements or right-of ways may be included in the Open Space computation, however, the footprint of any existing or proposed buildings in the Open Space shall not be included.

In no case shall the Total Allowable Units be less than the number of units that could be achieved by having a non-clustered development on the same property. It shall be the responsibility of the Applicant to prove how many units could be achieved with the non-clustered project by providing a Site Plan.

Any future or (unused) allowable residential units shall be accounted for on the Site Plan. Future divisions of the Open Space for residential use will be prohibited.

Section 15.4.3 Calculating Total Allowable Units in Multiple Districts

The Total Allowable Units for a clustered development that is located in more than one zoning district shall be determined by calculating the Total Allowable Units in each individual district (gross acreage in district divided by allowable density within district) and adding the individual district results together.

Section 15.4.4 Off-Premises Open Space

The Open Space requirement of a clustered development may be partially achieved by using dedicated Open Space from a separate Agricultural, Recreational, or Residential 1- zoned property in Centerville Township and must meet the following conditions:

At least half of the Open Space required shall be located on the parcel in which the development is located.

Wetlands and natural water courses in the off-premises parcel shall not be included in the calculation of Open Space.

Only sixty five percent (65%) of the Open Space in the off-premises Agricultural, Recreational or Residential 1-zoned property parcel shall be credited toward the Open Space Requirement of the principle parcel.

Section 15.4.5 Minimum Standards for Clustered Developments

In order to encourage flexibility and creativity consistent with the open space preservation concept, a clustered housing development may depart from the normal dimensional standards for lot size, setbacks, lot width, and lot coverage; however, the following minimum standards shall apply.

The minimum setback shall be 10' from any lot line, easement line, or right-of-way line, or 40' from any shoreline, river/stream bank and wetland.

Clustered lots that have a lot line which borders on a development boundary shall maintain the normal zoning district side or rear setback on that line.

All lots shall have a minimum of 30 feet of frontage on an approved road.

Section 15.5 Open Space

Section 15.5.1 Ownership of Open Space

Open Space may be owned in one or more of the following forms:

Public Ownership if accepted by the Township Board or another public agency.

Common Ownership by homeowners within the project.

Private Ownership by one or more individual owners. This form could include farms or large estate parcels

The Applicant, at the time of application, shall submit a statement or documents showing the manner and form of future ownership.

Section 15.5.2 Conveyance of Open Space

Open Space shall be permanently preserved through an irrevocable conveyance acceptable to the Township Board.

A Special Land Use Permit will only be issued upon conveyance and recording with the Leelanau County Register of Deeds.

Section 15.5.3 Permitted Uses In The Open Space

Unless otherwise described in this Article, uses that are allowed in the zoning district in which the clustered development is located may be allowed in the Open Space including access roads, road easements or right-of-ways, commercial agricultural production of food and fiber and passive recreational uses shall be allowed. Only Structures associated with passive recreational use subject to Planning Commission approval shall be allowed. The intent is to limit structures within the dedicated open space. Proposed uses that, under current district standards, require a Special Use Permit shall meet all applicable standards.

The Applicant, at the time of application, shall submit a statement or documents showing the proposed or allowed uses and restrictions within the Open Space.

Section 15.5.4 Prohibited Uses in the Open Space

Uses prohibited within the Open Space include, but are not limited to, the following:

1. Motorized Recreational Facilities.
2. Golf Courses
3. Mining
4. Above ground/visible Septage/Sewage Storage facilities
5. Concentrated animal feedlot operation

Section 15.6 Procedure For Approving Clustered Housing Developments

1. All Applicants are encouraged to schedule a pre-application hearing with the Township Planning Commission for the purpose described in Section 13.1.D.3 of the Centerville Township Zoning Ordinance.
2. Clustered Housing Developments shall follow the procedures established in Article XIII, Requirements for Site Plan Review.
3. The Applicant shall submit as part of the application a statement or documents showing the method of Open Space conveyance, as well as the proposed or allowed uses and restrictions within the Open Space.

ARTICLE XVI ADMINISTRATION

Section 16.1 Zoning Administration

A Zoning Administrator shall be appointed by and on terms as shall be determined by the Centerville Township Board. The administrator shall perform such duties as the Township Board may prescribe by This Ordinance.

Section 16.2 Eligibility

To be eligible for appointment the Zoning Administrator shall be generally informed on good building construction, good practice in fire prevention, the proper installation of safety, health and sanitary facilities, and site plan development. They shall be in good health and capable of fulfilling their duties. In case they have a personal interest in the construction of any building subject to the provisions of This Ordinance, the Township Board shall designate some other person to examine the plans, to inspect buildings and to issue the necessary permits, approvals and certificates.

Section 16.3 Duties

It shall be the duty of the Zoning Administrator to receive applications for Land Use Permits and issue or deny the same; to inspect buildings, structures for Land Use Permits and issue or deny the same; to inspect buildings, structures or sites; to determine compliance with the Land Use Permits issued in compliance with This Ordinance, and to be in charge of the enforcement of This Ordinance.

Section 16.4 Land Use Permits

Any individual, corporation, association, officer, department, board or bureau of the Federal, State, County or Township; planning to erect a building or structure greater than 150 square feet, or to alter any existing structure, requiring the use of more land area, or to establish a new use for any premises in any Land Use District, shall file an application in writing with the Zoning Administrator for a Land Use Permit. Applications for Land Use Permits for any "Special Land Use Permitted by Special Approval" shall be accompanied by a Site Plan of the proposed use. A Site Plan, if required, must be approved by the Planning Commission prior to commencement of any site activities.

Any structure requiring a Land Use Permit must be completed on the exterior surface with a suitable finishing material, within one (1) year from date of issuance of the Land Use Permit. If hardship can be shown, only on approval of the Zoning Administrator a Land Use Permit may be renewed for one (1) additional year by payment of an additional fee.

A Land Use Permit does not preclude the need for approvals or permits from other Federal, State, County, or Municipal authorities as may be required by law. Some regulatory permits, such as Soil and Erosion, Health Department, and EGLE, if applicable, may be required prior to issuance of the Land Use Permit. Permittee further agrees to indemnify and not to sue Centerville Township and all of its departments, agencies, boards, commissions, officers,

employees, or agents from any and all liability arising under or in any manner related to the issuance of the Permit or the privileges granted under a Permit.

Section 16.5 Distribution of Land Use Permits

Each Land Use Permit shall be in triplicate and the copies shall be distributed as follows: one to the Applicant which s/he is to retain until construction is completed; one to the Township Supervisor; and one to be retained by the Zoning Administrator as a part of the permanent records of the Township.

Section 16.6 Denial of Permits

The Zoning Administrator shall promptly inform the Applicant of the denial of a Land Use Permit if, in their opinion, such planned building or structure or land use does not comply with the provisions of This Ordinance. The reason for denial will be indicated on the application and a copy provided to the Applicant. The denial will be the Applicant's basis for appeal if desired. See Article XVIII on Appeals.

Section 16.7 Fees

Administrative fees shall be set by the Township Board.

Section 16.8 Amendments

Any individual, association, department, board or bureau of the State, County or Township affected by this Ordinance may submit a petition in writing to the Zoning Administrator, requesting that consideration be given to amend this Ordinance in the particulars set out in the petition. The person submitting such petition, if it is a request for rezoning, shall furnish the Zoning Administrator with the legal description of the property involved and an original and seven (7) copies of a good and sufficient plot of the property showing all boundary dimensions and the relationship of all adjoining properties (including those access roads and streets). Upon receipt of such petition, the Zoning Administrator will present the petition to the Planning Commission at the next regularly scheduled meeting. Once the petition is deemed complete by the Township Planning Commission, the Commission shall then, within forty-five (45) days, hold a public hearing to consider such petition.

Notice of the public hearing will be made according to Section 16.9 of this Zoning Ordinance.

Proposed additions or amendments to this Ordinance will be forwarded to the County Planning Commission for review and comment. The Township Planning Commission shall review the County Planning Commission's comments and then forward the additions or amendments to the Township Board for consideration for approval and adoption into the Ordinance. The Township Board may adopt or decline to adopt the proposed additions or amendments as submitted by the Township Planning Commission; or refer the proposed additions or amendments back to the Township Planning Commission with recommendations for further consideration.

The Township Board shall grant a hearing on a proposed addition or amendment to a Centerville Township property owner who requests a hearing by certified mail, addressed to the Centerville Township Clerk.

Section 16.9 Public Notice

All meetings and actions requiring a public hearing shall comply with the Michigan Zoning Enabling Act, PA 110 of 2006, as amended, **the federal Americans with Disabilities Act (ADA) of 1990, as amended**, and the other provisions of this Section with regard to public notification.

A. Responsibility: When the provisions of this Ordinance or the Michigan Zoning Enabling Act require that notice be published, the Zoning Administrator shall be responsible for preparing the content of the notice, having it published in a newspaper of general circulation in Centerville Township and mailed or delivered as provided in this Section.

B. Content: All mail, personal and newspaper notices for public hearings shall:

- 1. Describe the nature of the request: Identify whether the request is for a rezoning, text amendment, special land use, planned unit development, variance, appeal, ordinance interpretation or other purpose.
- 2. Location: Indicate the property that is the subject of the request. The notice shall include a listing of all existing street addresses within the subject property. Street addresses do not need to be created and listed if no such addresses currently exist within the property. If there are no street addresses, other means of identification may be used such as a tax parcel identification number, identifying the nearest cross street, or including a map showing the location of the property. Street addresses need not be listed when eleven (11) or more adjacent properties are proposed for rezoning, or when the request is for an ordinance interpretation not involving a specific property.
- 3. When and where the request will be considered: Indicate the date, time and place of the public hearing(s).
- 4. Written comments: Include a statement describing when and where written comments will be received concerning the request. Include a statement that the public may appear at the public hearing in person or by counsel.
- 5. **Public notices shall state what access needs have been addressed (i.e., American Sign Language interpretation, hearing or visual impairment, wheelchair access, etc.) and state how people can contact the Township to request specific access needs.** ~~Handicap aAccess: Information concerning how handicap equal access will be accommodated if the meeting facility is not handicap universally accessible.~~

C. Personal and Mailed Notice

- 1. General: When the provisions of this Ordinance or state law require that personal or mailed notice be provided, notice shall be provided to:
 - a. The owner(s) of the property for which approval is being considered, and the Applicant, if different than the owner(s) of the property.
 - b. Except for rezoning requests involving eleven (11) or more adjacent properties or an ordinance interpretation not involving a specific property, to all persons to whom real property is assessed within three hundred (300) feet of the boundary of the property subject to the request, regardless of whether the property or occupant is located within the boundaries of Centerville Township. In the case of hearings regarding Towers and Antennas, Section 3.15 of this Ordinance, all persons to whom real property is assessed within the radius of the separation distance between towers for the application under consideration will be given personal or mailed notice. If the name of the occupant is not known, the term "occupant" may be used in making notification. Notification need not be given to more than one (1) occupant of a structure, except that if a structure contains more than one (1) dwelling unit or spatial area owned or leased by different individuals, partnerships, businesses, or organizations, one (1) occupant of each unit or spatial

area shall receive notice. In the case of a single structure containing more than four (4) dwelling units or other distinct spatial areas owned or leased by different individuals, partnerships, businesses or organizations, notice may be given to the manager or owner of the structure who shall be requested to post the notice at the primary entrance to the structure.

- c. All neighborhood organizations, public utility companies, railroads and other persons which have requested to receive notice
 - d. Other governmental units or infrastructure agencies within 300' of the property involved in the application.
2. Notice by mail: Notice shall be deemed mailed by its deposit in the United States mail, first class, properly addressed, postage paid. The Zoning Administrator shall prepare a list of property owners and registrants to whom notice was mailed, as well as of anyone to whom personal notice was delivered. If another delivery service is used the Zoning Administrator shall make a record of the service used and the manner in which it was addressed to the recipient.
- D. Timing of Notice: Unless otherwise provided in the Michigan Zoning Enabling Act, PA 110 of 2006, as amended, or this Ordinance where applicable, notice of a public hearing shall be provided as follows:
1. For a public hearing on an application for a rezoning, text amendment, special land use, planned unit development, variance, appeal, or ordinance interpretation: not less than fifteen (15) days before the date the application will be considered for approval.

ARTICLE XVII WATERFRONT OVERLAY DISTRICT

17.1 Purpose

This Article is enacted to protect water quality within Centerville Township, prevent soil erosion and sedimentation into waters, and to promote the scenic character and protect property values of waterfront parcels. This overlay district encompasses all parcels any portion of which exists within one-hundred feet of the shoreline of Lake Leelanau and the banks of all natural and built watercourses such as channels, drains, rivers, creeks and streams within Centerville Township.

17.2 Waterfront Areas Regulated

- a. The requirements of this Article are supplemental to those imposed on waterfront lands by any underlying zoning provisions of this ordinance or other ordinances of Centerville Township. These regulations supersede all conflicting regulations of the underlying zoning district(s) to the extent of such conflict, and no more.
- b. Every lot and parcel of land physically abutting ~~along~~ an inland lake or stream, lying between the ordinary high water mark and a line one-hundred (100) feet horizontal from and perpendicular to the ordinary high water mark or an inland lake or stream bank as shown on the official Centerville Township Zoning Map, is subject to this overlay district. This line shall be known as the waterfront overlay line. In addition, the provisions of Section 17.3b below concerning natural vegetation strips, apply to all waterfronts within Centerville Township, even if not depicted on the Centerville Township Zoning Map.
- c. 100-year Flood Plain. No principal structure shall be constructed within the 100-year floodway. Any permitted structures within the 100-year flood plain shall be constructed in a manner that allows for the free flow through of water, complies with all state and/or federal regulations, and compensates for flood plain losses, if any.
- d. ~~Lots of record~~ **All construction and development** after the effective date of this Article shall conform to ~~waterfront setbacks established in this Section~~ (*insert amendment effective date mm/dd/yy*).

17.3 Development Standards

a. Waterfront/Front Yard Setback

1. No principal structure, accessory building or parking area, shall be erected closer than seventy-five (75) feet from the ordinary high water mark of a water body or stream bank, except on nonconforming lots of record.
2. Waterfront setbacks on lots of record on or before the effective date of the Section within the Centerville Township Zoning Ordinance may be reduced by averaging the setback from the ordinary high water mark to principal structures on the two closest developed lots on either side of the

subject parcel property lines. The minimum front yard setback shall be no less than fifty (50) feet.

3. Compost piles, manures/fertilizers, livestock, small animal pens and other nutrient sources; solid waste, garbage, trash, discarded appliances, motor vehicles (not including ~~motorized~~ boats), and other unsightly or potentially polluting materials shall not be placed within the waterfront setback.
4. The waterfront portion of shoreline parcels within Centerville Township shall be considered the front yard **for the purposes of this** ~~pursuant to the Centerville Township Zoning Ordinance.~~
5. Roadways **and driveways**, except as may be required to provide access to a boat ramp, are prohibited within the waterfront setback area.

b. Natural Vegetative Strip

1. To minimize erosion, stabilize waterfronts, protect water quality, keep nutrients from entering waters, maintain water temperature at natural levels, preserve fish and wildlife habitat, to screen artificial structures, protect property values, and also to preserve the scenic values of waterfront areas, a natural vegetation strip shall be maintained on each parcel or lot between the ordinary high water mark and a buffer line, each point of which is fifty (50) feet horizontal from and perpendicular to the ordinary high water mark of a waterbody or stream banks.
2. Existing vegetation shading water surfaces shall be preserved to the maximum extent possible.
3. Existing natural ground cover and native vegetation shall be preserved to the fullest extent feasible, and where removed shall be replaced with native vegetation that is equally effective in retarding runoff, preventing erosion, preserving property values, and protecting community scenic values. Natural vegetation buffer shall be fenced with silt fence and construction barrier fencing prior to grading or other on-site construction activities. This protective fencing shall be maintained until the completion of construction.
4. All exterior lights shall be shielded, downward directed, and below tree level as measured from post-construction grade. Dock and accessory building/structure lighting of any type is prohibited.
5. Within the natural vegetation strip, **a sum total of no more than thirty (30%)** percent of existing trees and shrubs may be selectively pruned or removed to enhance a filtered or corridor view of the water from the principal structure and for reasonable private riparian access to the water. A corridor view shall be established through selective cutting only after the principal structure has been sufficiently constructed to locate windows, decks or other structure features intended to enjoy and utilize a water view. Said pruning and removal activities shall ensure that a live root system stays intact to provide for waterfront bank stabilization and erosion control. Tree-topping and clear cutting within the natural vegetation buffer is prohibited.
6. A maximum of one (1) shoreline access pathway, including pathway portions constructed as stairways and boardwalks, shall be allowed per parcel or lot within the waterfront setback and through the natural vegetation strip to the

water's edge. The improved surface of such pathways shall consist of porous pavement, wood chips, mulch or other natural materials. Said pathways are to be no more than a total of four (4) feet in width. Pathway(s) shall meander down to the ordinary high water mark in a manner which protects the soil and vegetation from erosion, while also screening the principal structure, parking areas and vehicles from direct view from the water. Any waterfront pathway (stairway, boardwalk, etc.) shall comply with Michigan's Part 303: Wetland Protection Act, Part 301: Inland Lakes and Streams Act of NREPA, P.A. 451 of 1994, as amended, and other relevant federal, state or local regulations.

7. Dead, diseased, unsafe or fallen trees and non-native exotic or noxious plants and shrubs, including poison ivy, poison sumac, purple loosestrife, etc. **not included within the 30% filtered or corridor view limitation** may be removed at the homeowner's discretion provided that no stumps are removed. Landowners are ~~encouraged~~ **required** to consult with the Centerville Township Zoning Administrator and/or the Leelanau County Forester before removing dead, diseased, unsafe or fallen trees from within the natural vegetation buffer. Planting of perennial native species (ground cover, shrubs and trees) in the natural vegetation strip is encouraged, especially where exposed soil and steep slopes exist (i.e. 18% slope or greater).

c. **Building Height**

All principal structures and accessory buildings should, as far as practicable, be designed so as not to obstruct existing scenic viewsheds. Single-family dwellings within the waterfront overlay district shall be limited to two (2) stories or **thirty-two (32)** ~~30~~ feet in height, whichever is less.

Accessory structures and other buildings shall not exceed one (1) story or twenty (20) feet in height, whichever is less. A building's height is defined in Article II Definitions, p. 13 of the Centerville Township Zoning Ordinance, as amended.

d. **Waterfront Accessory Structures**

Docks, boat ramps, pump houses, walkways/pathways, and/or elevated walkways accessory to permitted uses which provide property owners with reasonable access to the water are to be permitted by the Michigan Department of Environment Great Lakes and Energy (EGLE) pursuant to Parts 301 and/or 303 of Michigan's NREPA, P.A. 451 of 1994, as amended. Dock and accessory building/structures must comply with underlying zoning side setbacks.

Boat houses are prohibited. Dock and accessory building/structure lighting is prohibited **within the waterfront setback**. Lighting of any other structures within the Waterfront Overlay though, if provided, shall be of low intensity, shielded, below tree line and downward-directed so as to prevent glare and appearance from a public way or waterbody, the illumination of the night sky, or adjoining properties.

e. Waterfront Lot Width

Waterfront lots must provide a minimum straight-line width of one (100) hundred feet between side lot lines, as measured at the side lot lines' points of intersection with the Ordinary High Water mark (OHWM) of a water body or the bank of a watercourse.

f. Impervious Surface

The maximum percentage of lot coverage a lot within the waterfront overlay district with impervious surfaces ~~such as roofs, structures, asphalt, concrete, etc.~~ shall be twenty-five (25) percent.

g. Innovative Stormwater

Stormwater flow from lots within the waterfront overlay district shall **not discharge to surface waters or wetlands, and shall** be directed to the non-lakeward side of any principal structure, be treated/disposed of on-site, not leave the subject parcel above pre-development rates, and shall utilize innovate stormwater treatment methods such as rain gardens, groundwater infiltration structures and/or constructed wetlands.

~~h. Additional Standards~~

- ~~1. Each legally created lakefront lot shall be entitled to one (1) seasonal dock, one (1) mooring, and one (1) boat hoist/shore station or similar structure. A minimum of two (200) hundred feet of frontage is required for a second dock. Each additional dock or boat hoist/shore station shall require an additional one (100) hundred feet of water frontage.~~
- ~~2. **Docks may only extend lakeward to achieve a three (3) foot maximum water depth, as measured during the summer elevation of S. Lake Leelanau.**~~
- ~~3. Not more than two (2) motor powered watercraft shall be docked at any single dock at any time.~~
- ~~4. One swimming/diving raft, water trampoline, water pad, floating mat or similar apparatus is allowed per legally created waterfront lot. A minimum of two (200) hundred feet of water frontage is required for a second raft or similar apparatus. Each additional raft or similar apparatus shall require an additional one (100) hundred feet of water frontage.~~
- ~~5. All waterfront parcels are required to utilize underground utilities.~~

17.4 Area, Width and Setback Requirements

Lot area, width and setback requirements are listed in the Schedule of Zoning Regulations, Article IV, Section 4.4. In instances where the development standards outlined above require greater width or setbacks at the discretion of the Planning Commission, then such standards shall apply.

ARTICLE XVIII MINERAL EXTRACTION OVERLAY DISTRICT

18.0 Purpose

To promote the public health, safety and general welfare; to encourage the use of land in accordance with its character, adaptability and suitability for particular uses; to meet the needs of residents and industry; to promote the orderly development of quarrying, the encouragement of good quarrying practices, and the recognition and identification of the beneficial aspects of quarrying; to control possible adverse effects of quarrying; to preserve the rural character, natural resources and encourage the planning of future land use and to provide for reclamation of lands following the completion of the quarrying of minerals. To comply with MCL 125.320, Section 205(5) of the Michigan Zoning Enabling Act, P.A. 110 of 2006, as amended.

18.1. Intent

To establish and zone lands for the preservation, protection and extraction of minerals; to prevent non-compatible land uses from denying the use of minerals; to protect mineral deposits; to provide for the orderly economic growth of Centerville Township and Leelanau County; to provide for proper environmental protection during the site planning, operation and reclamation stages of the extraction process; and to provide the Township with information important to the overall planning process. As set forth in *Silva v. Ada Township*, 416 Mich 153 (1982), an Applicant shall comply with this Section following the (*Township Zoning Administrator, Planning Commission, or Township Board of Trustees*) determination that very serious consequences would result from the proposed extraction, by mining, of topsoil, clay, sand, gravel, cobble, stone, regolith, mineral or non-mineral.

18.2 Permitted Uses

All uses and structures necessary or convenient for the mining, excavation, excavation operation, mineral extraction and processing of minerals, agricultural and **silvicultural** uses. Uses allowed under this mineral extraction overlay district shall be subject to review and approval under Article 13 : Site Plan Review and Article 14: Standards for Special Land Uses of this Ordinance.

18.3. Special Uses

Special uses shall include all special uses in the Agricultural District of the Centerville Township Zoning Ordinance.

18.4. Regulations

No new building or operation shall commence, after adoption of this Section, until the Owner/Operator has complied with this Section. If any of the following is available in the form of any existing environmental assessment, report, permit or other appropriate document which is required to be submitted to state and/or federal agencies, a copy of such assessment, report, permit or document may be submitted in place of the following appropriate items. As of (*insert the date of passage of the ordinance*), any existing Owner/Operators shall be "grandfathered" and considered a legal nonconforming use under the regulations that were in place at the date they commenced their operation. Any expansion of existing operation as of (*insert amendment effective date*) shall fully comply with this Section.

The Applicant (a.k.a. Owner/Operator) shall provide the following plans and documents, including a cover letter with the signature of the Owner/Operator or the Owner/Operator's

authorized agent, with the Township Zoning Administrator.

A. Site Plan containing:

1. The boundary lines of the area included in the site plan including angles, dimensions and reference to a section corner or point on a recorded plat, an arrow pointing north, and the lot area of the land included in the site plan.
2. Existing and proposed grades and drainage systems and structures with two (2) foot topographic contour intervals.
3. The shape, size, location, height and floor area of all structures; the floor area and lot coverage ratios including all graded areas, driveways, parking areas, roads, etc. and the finished ground and basement floor grades.
4. Natural and cultural features such as woodlots, wetlands, steep slopes, streams, lakes or ponds, historic features and man-made features such as existing roads and structures, with identification as to which are to be retained and which are to be removed or altered, and an assessment of the proposed operations impact on the natural, historic, economic and community features. Adjacent properties and uses shall also be identified.
5. Proposed streets, roads, driveways, parking spaces, loading spaces and sidewalks. The width of streets, driveways, roads, and sidewalks and the total number of parking spaces shall be shown.
6. The size and location of all existing and proposed public and private utilities and required landscaping.
7. A vicinity sketch showing the location of the site in relations to all required setbacks, and the surrounding street and road system.
8. A legal description of the land included in the site plan; and the name, mailing and email addresses, and telephone numbers of the Owner/Operator.
9. Proposed location, with an areal view and an estimated depth and time table of mineral exaction.
10. Proposed location of spoil piles, ponds, sediment basins, stockpiles and other permanent or temporary facilities used in mining.
11. A hydrological study which will provide a description of the general surface and groundwater conditions, including streams, lakes, ponds and wetlands on and adjacent to the mining site. The study will describe the surface-ground water connections and the chemical characteristics of water on the site. In addition, the study will specify anticipated hydrological impacts of the operation. The owner/operator must identify plans to alleviate possible problems in the water table supply to adjacent land owners and indemnify adverse impacts.

B. Operation Plan containing:

1. A description outlining the estimated life span which the operation will cover; the type of material to be extracted; the type of mining operation and processing equipment to be used; measures to control noise, vibration, dust and air, water and other pollution from the operation; plans for blasting, if any; effect on groundwater flow; proposed frequency of and travel route to be used to transport the mined material to processing plants and markets, and the proposed steps to be taken to relieve adverse effects.

2. A description of the social and economic impact on Centerville Township and Leelanau County, including an estimate of the number of potential employees, proposed transportation routes for employees and product, and impacts or changes in the present road system that might be made necessary by the proposed operation. Roads to be used must meet the guidelines for Geometric design of local roads established by American Association of State Highway and Transportation Officials (AASHTO) for sight distance and stopping distance and driveway design standards set by Michigan Department of Transportation (MDOT). Additionally, proof that the existing roads, from point of egress from the site will utilize a road in each direction to connect to a Class A road, with a width of twenty (22) feet to twenty-four (24) feet with a cross section and depth capable of holding up under vehicles with a gross weight allowed to travel on Michigan roads.

3. The site plan application will include a study of the ability of all connecting road to handle the projected traffic, including a study of the road bed, shoulders, road width, expected road bed deterioration, site distance analysis, expected daily traffic at peak times, in compliance with the AASHTO and MDOT standards cited in this Section.

4. Proof of all required county, state and federal permits or affidavit of application for county, state and federal permits relating to environmental protection and pollution control.

5. A description of the measures to be taken to ensure that any dangerous excavations, pits, pond areas, banks, or slopes be adequately guarded by rail and/or fenced and posted with signs to prevent injury to any individual.

6. Identification of plans for utilities, access, roads, drains, streams and water bodies, traffic plans, and other on-site development showing appropriate measures that have been or are to be provided to prevent very serious damages from occurring to the Township.

7. Measures to limit noise, vibration, and dust levels at the property line to prevent harm or nuisance to adjacent and vicinity properties. A plan for the secondary containment, storage, loading and off-loading of petroleum products, associated wastes and any other hazardous or potentially hazardous substances and materials associated with the mineral extraction operation. A copy of an EGLE-approved Pollution Incident Prevention Plan (PIPP) or Spill Prevention Counter Control (SPCC) plan as required by state law.

C. Reclamation Plan containing:

1. Final grading, anticipated final slope angles, wall reduction, benching and terracing of slopes, slope stabilization and re-vegetation, erosion control, and alternative future land uses. All site reclamation planting shall utilize native tree, shrub and form plant species, and include the control of invasive and exotic plant species.

2. Description of topsoil stripping, if any, storage/staging location, and conservation measures during storage and replacement.

3. Plan description of anticipated final topography, water impoundments, ponds, and/or other artificial waters on the property.
4. Plans for disposition of surface structures, roads and related facilities after the cessation of mining.
5. A plan for disposal or treatment of any harmful or toxic materials found in any formation penetrated by the mining operations or produced during processing or minerals, and of chemical or materials used during the mining or processing operations.

D. Regulations. All mineral extraction operations shall be subject to the following regulations.

1. Minimum lot size shall be forty (40) acres.
2. Operating hours shall be Monday to Friday, from dawn to dusk only.
3. On-site mineral processing, such as crushing, screening, washing, dewatering, sorting, conveyor belt usage, storage, and similar processing is prohibited. All mineral processing shall occur off-site.
4. The Owner/Operator shall not cause or permit unreasonable air pollution, nuisance noise, blasting, or water contamination.
5. No land shall be mined, disturbed nor any structure erected (except for berm or required vegetative buffer and screen) within two-hundred (250) feet of any site lot line, wetland, lake, pond, or stream.
6. The Owner/Operator shall effectively berm or screen between a mineral extraction operation, and associated disturbed land areas, and any part of a boundary within two hundred and fifty (250) feet of any extraction operation and associated disturbed land areas. Such berm or screen shall be deemed effective by the Zoning Administrator and Planning Commission from any adjoining parcel and public right of way.
7. Vegetative buffers within the required 250 foot setback shall be placed and maintained: (1) existing natural vegetation shall not be removed from the required setbacks; (2) where existing vegetation is insufficient or nonexistent, three (3) rows of conifer trees (min. 8' in height) shall be triangularly planted, spaced seven (7) feet apart, and permanently maintained within the 250 foot required setback. Perimeter areas adjacent to public road right-of-ways will be planted outside the right-of way.
8. Reclamation. When mineral supply is exhausted, pit abandoned or inactive for a period of two (2) consecutive years, the Owner/Operator shall be responsible for the re-grading the site to conform and blend with the surrounding terrain, and the entire site shall be revegetated with native vegetation subject to a Part 91 Permit issued by the Leelanau County Soil Erosion Control Officer. Slopes shall not exceed 3:1 (i.e., one foot of vertical rise per three foot horizontal run).

9. Signs shall be conspicuously posted around the perimeter of any lot being used for mineral extraction operations in order to warn individuals of the hazards associated with trespass. The Owner/Operator shall post the portion of any boundary within five hundred (500) feet of a mineral extraction operation.
10. The Owner/Operator shall comply with state and federal law, including the common law and all environmental regulation.
11. The Owner/Operator shall post a site reclamation bond within thirty (30) days of the effective date of the issuance of a permit under this Ordinance. The Township shall consult with an industry expert and/or attorney as the appropriate bond amount.
12. New Owners/Operators shall post a bond prior to commencement of new operations. The bond shall cover the entire period of the proposed mineral extraction operation.
13. The Planning Commission shall verify to the Township Board, Owner/Operator and the issuer of any surety bond the filings of such bond and the reclamation of any abandoned lands (or previously disturbed lands) and the number of acres so reclaimed within thirty (30) days following receipt of the Annual Plan and certification of such reclamation by the Owner/Operator.
14. The Owner/Operator shall install and maintain a minimum of three (3) groundwater monitoring wells as indicated by the hydrological plan on the lands of the Owner/Operator within this District. The location and depth of such wells shall be agreed upon by the Owner/Operator and the Township Zoning Administrator. The Owner/Operator shall submit to the Township Zoning Administrator data regarding water levels data and water quality data gathered at such wells at least annually, and more frequently at the request of the Township Planning Commission or Township Zoning Administrator.
15. The bonding requirements herein set forth shall be reviewed annually by the Township Board. In the event that the Township Board shall determine that such bonding requirements are inadequate or excessive, it shall immediately initiate proceedings for the adoption of an appropriate amendment to this Ordinance.

G. Procedure for submission, review, approval, rejection and revision of site, reclamation and operational plans. Within ninety (90) days of acquisition, expansion or transfer, a new Owner/Operator or existing Operator that is expanding an existing operation within the Mineral Extraction Overlay shall submit a new administratively complete site plan, reclamation plan, and operational plan to the Township Zoning Administrator. No reclamation plan shall be required for the extraction of less than five hundred (500) cubic yards of minerals from a site of less than one (1) acre so long as such site is reclaimed within twelve (12) months following completion of extraction. Within ten (10) working days of receipt of such plans, the Township Zoning Administrator shall provide the Owner/Operator and the Township Clerk a written report identifying any information or document required by this Ordinance or inadequacy of any plan and any changes which the Township Zoning Administrator recommends. Within ninety (90) days of receipt of the written report and analysis from the Township Zoning Administrator, the Township Board shall conduct a public

hearing for the purpose of receiving comment on the Plans, and within thirty (30) days of the date of the conclusion of such public hearing the Township Board shall accept or reject the Plans and shall provide written notification to the Applicant of such approval, approval with conditions or denial. In the event of denial the Township Board shall simultaneously provide a written statement of the specific findings of fact and specific basis or bases for the approval, approval with conditions or denial of such Plans. The Applicant may request a review by the Zoning Board of Appeals and/or a rehearing before the Township Board. If the Applicant requests a Board rehearing, and if all fees have been paid, the Township Board shall conduct same within fourteen (14) to thirty (30) days after its next regular meeting. The Applicant may appeal a final Township Board or Zoning Board of Appeals decision on a Plan to the Leelanau County Circuit Court. No new mining activity shall commence, nor shall existing mining operator expand the boundaries of the mineral district until such Plans have received approval or approval with conditions from the Township Board or a court of competent jurisdiction.

H. Annual Plans. As of *(insert date of amendment adoption mm/dd/yy)* the Owner/Operator of a new mineral extraction operation or an expanded existing operation shall submit Annual Plans to the Township Zoning Administrator for review based upon approved Site, Operational and Reclamation Plans. The Annual Plans shall contain the following:

1. Location and perimeter of disturbed mining land;
2. Location and perimeter of abandoned mining land;
3. Location and perimeter of inactive and/or reserved mining land;
4. Open mining pit(s);
5. Stockpile(s);
6. Road(s) internal to the mining operation;
7. Changes in open pit and stockpile areas during the preceding year indicated by vertical (north-south) cross-hatching;
8. Anticipated changes in open pit and stockpile areas during the following year indicated by horizontal (east-west) crosshatching;
9. Dates of operation;
10. Name of and contact information for the individual responsible for the preparation of the Annual Plan.
11. Proof of liability insurance, pollution liability insurance or the ability to obtain such insurance in the total amount of at least \$5 million dollars, with at least one million dollars (\$1,000,000.00) per occurrence covering the proposed or existing operation.

The Township Zoning Administrator shall review the Annual Plan within thirty (30) days of its submission by the Owner/Operator, to ensure compliance with approved Site, Operation and Reclamation Plans, and the Township Zoning Administrator shall provide the Owner/Operator with written specification of any alleged non-compliance therewith. The cost of such a review will be borne by the Applicant. At the request of the Owner/Operator, the Township Zoning Board of Appeals shall review the findings of the Township Zoning Administrator.

I. Changes in Plans. The Owner/Operator may alter, change or amend a Site Plan, Reclamation or Operational Plan at any time by a submission of the same for review, reporting, hearing, decision, rehearing and appeal provisions. If alteration, change or amendments are made prior to the hearing, the process will re-start with the timelines delineated in the Section G above.

J. Costs. In addition to fees assessed by the Township for a land use permit, Site Plan Review and Special Use Permit review, the Owner/Operator shall comply with the Fee Schedule of the Centerville Township Zoning Ordinance including additional zoning fees assessed by the Township and held in escrow in the Owner/Operator's name to be used solely for the full cost of such additional review. New applications from a previous Owner/Operator under this Section shall not be accepted or processed by Centerville Township until unpaid Township fees, or escrow in arrears, if any, have been completely paid.

ARTICLE XIX NUISANCE PER SE: ENFORCEMENT PENALTIES FOR VIOLATION

Section 19.1 Nuisance per se

Uses of land and dwellings, buildings or structures, including tents and mobile homes, used, erected, altered, razed or converted in violation of any provision of this Ordinance or regulations adopted under authority of this Ordinance, are hereby declared to be a Nuisance per se. The Court shall on complaint of the Zoning Administrator made on behalf of the Township or any resident of the Township, order such nuisance abated, and the owner and or agent in charge of such land, dwelling, building, structure, tent or mobile home shall be adjudged guilty of maintaining a nuisance *per se*.

Section 19.2 Penalties

Any person who violates any provision of this Ordinance or who fails to comply with any of the regulatory measures or conditions of the Board of Appeals adopted pursuant hereto, shall be guilty of a municipal civil infraction.

ARTICLE XX ZONING BOARD OF APPEALS

Section 20.1 Creation

A Board of Appeals is hereby established.

Section 20.2 Membership

There shall be three (3) members of the Board of appeals as follows:

- A. Three electors residing in the Township, chosen for a term of three (3) years, by the Township Board: One of the members shall be a member of the Township Planning Commission, but shall not serve as chairperson of the Zoning Board of Appeals. One of the members may be a member of the Township Board, but shall not serve as chairperson of the Zoning Board of Appeals. An employee or contractor of the Township Board may not serve as a member of the Zoning Board of Appeals.
- B. The Township Board shall appoint two alternate members for the same term as regular members to the Zoning Board of Appeals. An alternate member may be called as specified to serve as a member of the Zoning Board of Appeals in the absence of a regular member if the regular member will be unable to attend 1 or more meetings. An alternate member may also be called to serve as a member for the purpose of reaching a decision on a case in which a regular member has abstained for reasons of conflict of interest. The alternate member appointed shall serve in the case until a final decision is made. The alternate member has the same voting rights as a regular member of the Zoning Board of Appeals.
- C. Vacancies must be filled as soon as practical or within one month of term expiry.

Section 20.3 Per Diem

Members of the Board of Appeals will be paid as determined by the Township Board.

Section 20.4 Procedures

The Board of Appeals shall elect one (1) of its members to be Chairman and one (1) to be Secretary, and it shall establish rules and regulations to govern its procedure when acting upon appeals. A majority vote of its members shall be required to reverse any decision or determination of the Zoning Administrator or Planning Commission or to approve any variation in the application of this Ordinance.

Section 20.5 Public Meetings

All meetings of the Board of Appeals shall be open to the public.

Section 20.6 Powers

The Board of Appeals is empowered to act upon the following matters, and upon no others:

- A. Questions arising in the administration of this Ordinance, including interpretation of the Centerville Township Zoning Map.
- B. All matters which this Ordinance properly refers to the Zoning Board of Appeals for determination.
- C. Appeals from actions of the Zoning Administrator or Planning Commission.
- D. Cases in which strict application of the provisions of this Ordinance would result in practical difficulty, provided, that the spirit of this Ordinance is observed, even though certain restrictions may be waived and a non-use variance granted, to provide substantial justice.

Section 20.7 Appeals, How Made

An appeal to the Zoning Board of Appeals may be taken by a person aggrieved or by an officer, department, board, or bureau of the state or local unit of government. Such appeal shall be made in such time as shall be prescribed by the Board of Appeals by general rule by the filing with the body or officer from whom the appeal is taken and with the Zoning Board of Appeals of a notice of appeal specifying the grounds for appeal. The body or officer from whom the appeal is taken shall immediately transmit to the Zoning Board of Appeals all of the papers constituting the record upon which the action appealed is based. The Township Board on an annual basis will set the fee.

Section 20.8 Stay of Proceedings

An appeals stays all proceedings in the action appealed.

Section 20.9 Hearings

The Board of Appeals shall fix a reasonable time for hearing of an appeal, and shall give due notice thereof to all parties concerned and in accordance with the Public Notification Section of the Township Zoning Ordinance. A decision on the issue will be made in a reasonable time, said decision to provide that the spirit of this Ordinance shall be observed, public safety secured, and substantial justice done.

Section 20.10 Standards for Approval of Variances

The Zoning Board of Appeals has the power to authorize specific dimensional variances from site development requirements provided that the findings listed below are met and the record of proceedings of the Zoning Board of Appeals contains evidence supporting each conclusion.

- (1) The dimensional variance requested is the minimum amount necessary to overcome the inequality inherent in the particular property or mitigate the hardship;
- (2) The dimensional variance will relate only to property under control of the Applicant; and
- (3) The hardship or practical difficulty is not economic.(4) A genuine practical difficulty exists because of unique circumstances or physical conditions such as narrowness, shallowness, shape, or topography of the property involved, or to the intended use of the property, that do not generally apply to other property or uses in the same zoning district, and shall not be recurrent in nature;

- (4) Strict compliance with area, setbacks, frontage, height, bulk or density would unreasonably prevent the owner from using the property for a permitted purpose, or would render conformity unnecessarily burdensome;
- (5) The dimensional variance will be in harmony with the general purpose and intent of this Ordinance and will not cause a substantial adverse effect upon surrounding property, property values, and the use and enjoyment of property in the neighborhood or district; and
- (6) The practical difficulty is not a result of the Applicant's own actions.

Section 20.11 Further Appeal

Any decision of the Board of Appeals may be appealed to a Court of competent jurisdiction.

ARTICLE XVIII SEPARABILITY

Section 18.1 Validity

~~If any clause, sentence, sub-sentence, paragraph, section or part of this Ordinance be adjudged by any Court of competent jurisdiction to be invalid, such judgment, shall not affect, impair or invalidate the remainder thereof, but shall be confined in its operation to the clause, sentence, sub-sentence, paragraph, section or part directly involved in the controversy in which said judgment shall have been rendered.~~

ARTICLE XXI EFFECTIVE DATE

Section 21.1 Effective Date

This Ordinance was adopted on April 12, 2023 by the Centerville Township Board of Trustees and will be effective seven (7) days after publication of a notice of adoption, which must be published within fifteen (15) days of its adoption. The Zoning Ordinance effective date is April 27, 2023 and supersedes all previous Centerville Township Ordinances.

Date of Public Meeting Meeting Hearing:	<u>January 11, 2023</u>
Date Adopted By Township Board:	<u>April 12, 2023</u>
Date Published:	<u>April 20, 2023</u>
Effective Date:	<u>April 27, 2023</u>

ZONING MAP

