



Electric Fence

LDRAB Subcommittee Meeting

November 26, 2012



Key Dates (Tentative*)

- December 6, 2012 Zoning Commission - Variance
 - December 10, 2012 2nd Subcommittee Meeting
 - Dec/Jan – Possible 3rd Subcommittee Meeting
 - January 23, 2013 LDRAB/LDRC Hearing
 - February 28, 2013, BCC Req. for Permission to Ad.
 - March 28, 2013, BCC Adoption Hearing
 - April 2013, Effective Date
- * All dates subject to change.



Existing Code Language

- **Article 5.B.1.A.2.C, Dangerous Materials**
 - 1) Fences or walls in any zoning district, shall not be electrified or contain any substance such as broken glass, spikes, nails, barbed wire, razors, or any other dangerous material designed to inflict discomfort, pain or injury to a person or animal, except as allowed below. **[Ord. 2010-005] [Ord. 2011-001]**
 - 2) Barbed Wire Exceptions
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Variance Application

Dec. 6, 2012 Zoning Commission Hearing

APPLICATION NO.	CODE SECTION	REQUIRED	PROPOSED	VARIANCE
ZV-2012- 02802	5.B.1.A.2.c.2 c) Fences, Walls, and Hedges - Dangerous Material - Barbered Wire	No electrified fencing	Electrified fencing	to allow fence to be electrified
	5.B.1.A.2.f Fences Walls and Hedges Non Residential Districts	Front setback maximum height 6 feet	Front setback maximum height 10 feet	increase of 4 feet in height
	5.B.1.A.2.f Fences Walls and Hedges Non Residential Districts	Side and rear setback maximum height 8 feet	Side and rear setback maximum height 10 feet	increase of 2 feet in height

- To be located adjacent to residential and R-O-W.
- First time this type of variance is requested .
- Two (2) feet or more of visible electric strands .



Variance Request - Aerial View





Existing Theft Issues





Military Trail and Kelly Drive





Military Trail





Kelly Drive Entrance





West PL Abutting Residential





Industry Request Code Change

- Allow for use of electric fences for certain types of developments.
- Allowed in commercial and industrial uses that have outdoor storage areas such as storage agriculture, contractor storage yard, recycling plant, solid waste transfer station, truck stop, utility minor, vehicle sales and rental, water or treatment plant, and communication cell sites.
- To be included in Accessory structures such as generators.
- Adjacent to residential districts and R-O-W.
- Allow for increases in permitted fence height (two to four feet).
- To be located behind another type of fence or wall.
- Electric fence will be two (2) foot higher than fence or wall.
- Include warning signs .



Summary

Advantages?

- Risk of injury lower than for non electric fences especially barbed wire?
- Effective deterrent to prevent trespassing achieved by physical, visible and psychological means?
- Supported by Sheriff.
- Low maintenance?

Disadvantages?

- May be dangerous: children or pets, potential for injury?
- “Prison fence” aesthetic?
- Streetscape aesthetics?
- Communication interference?
- Compatibility with vegetation?
- Landscape maintenance?
- Insurance liability?



Staff Concerns – Aesthetics

Aesthetics





Staff Concerns – Aesthetics





Staff Concerns

Aesthetics - Landscaping





Staff Concerns

Aesthetics - Landscaping





Staff Concerns – Public Safety



WARNING ELECTRIC FENCE

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Xin Luu Y Hang Rao Phat Dien

7,000 V





Mesh/ Tarp Covering





Mesh/ Tarp Cover

