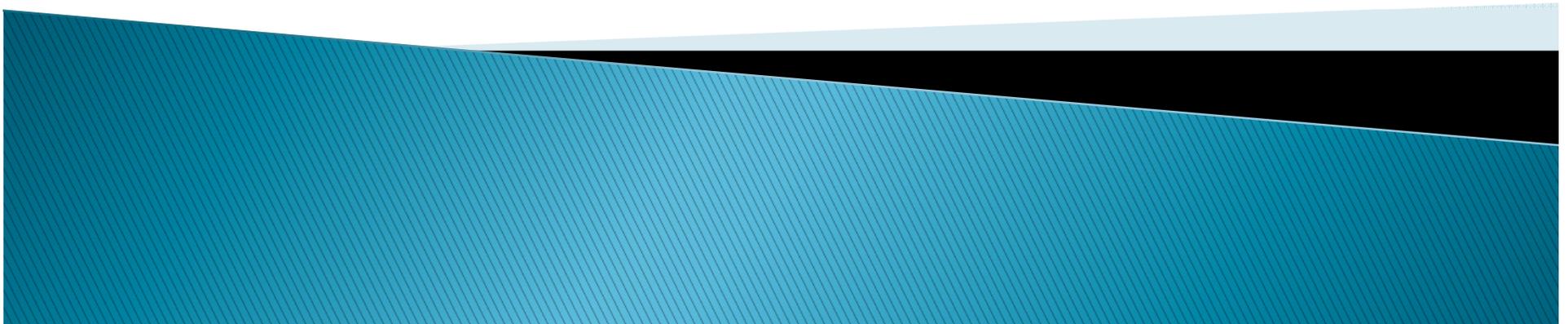


CITY of WINCHESTER

RADIO COMMUNICATION PROJECT



Project Background

- ▶ **Initial Communications Study 2005**
- ▶ **Strategic Communications Plan 2007**
- ▶ **Request for Proposal Formulated & Distributed**
- ▶ **Responses to Request for Proposal February 2012**
- ▶ **Contract Executed Motorola Solutions 11.2012**



Communication Study Determinations

- **Existing System Consist of Stove Pipes**
- **Lacks Interoperability – Internal & External**
- **Equipment Exceeded Life Expectancy**
- **FCC Regulatory Issues Relating to Narrowbanding**



Partners/Stakeholders

- ▶ Police
- ▶ Fire & Rescue
- ▶ Emergency Communications
- ▶ Emergency Management
- ▶ Public Services
- ▶ Public Works
- ▶ Winchester Public Schools
- ▶ Utilities
- ▶ Winchester Transit
- ▶ Parking Authority
- ▶ Social Services
- ▶ Parks & Recreation
- ▶ Zoning & Inspections
- ▶ IT
- ▶ Finance



System Elements

- Infrastructure Equipment
 - Base Stations
 - Consoles
 - Shelter
 - Micro Wave
- Subscriber Units
 - Mobile Radios
 - Portable Radios
- Control Points
 - Facility Offices
- Communications Tower
 - Jefferson Street

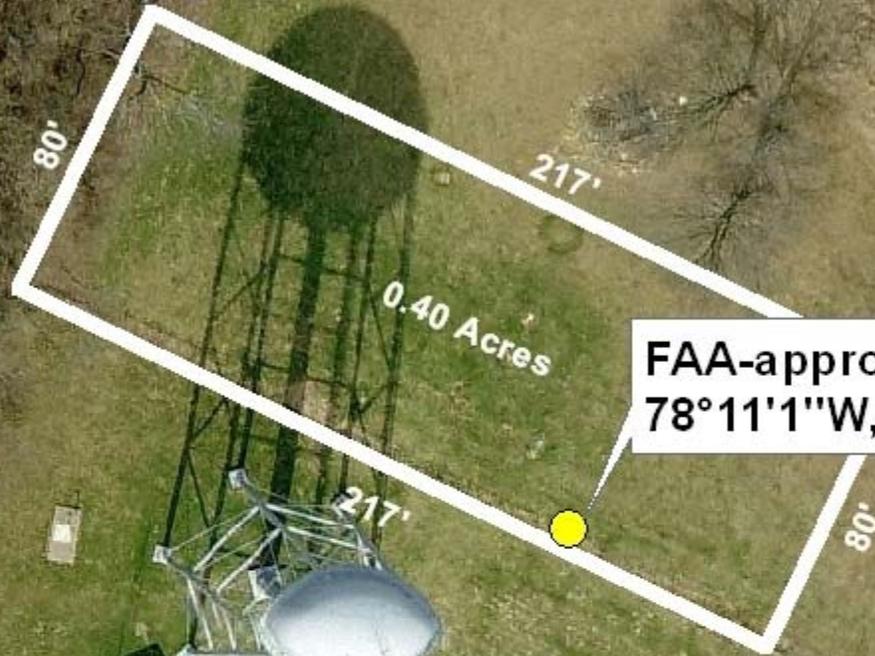


1 inch = 50 feet

Produced by: City of Winchester GIS
15 N. Cameron St.
Winchester, VA 22601
March 1, 2013

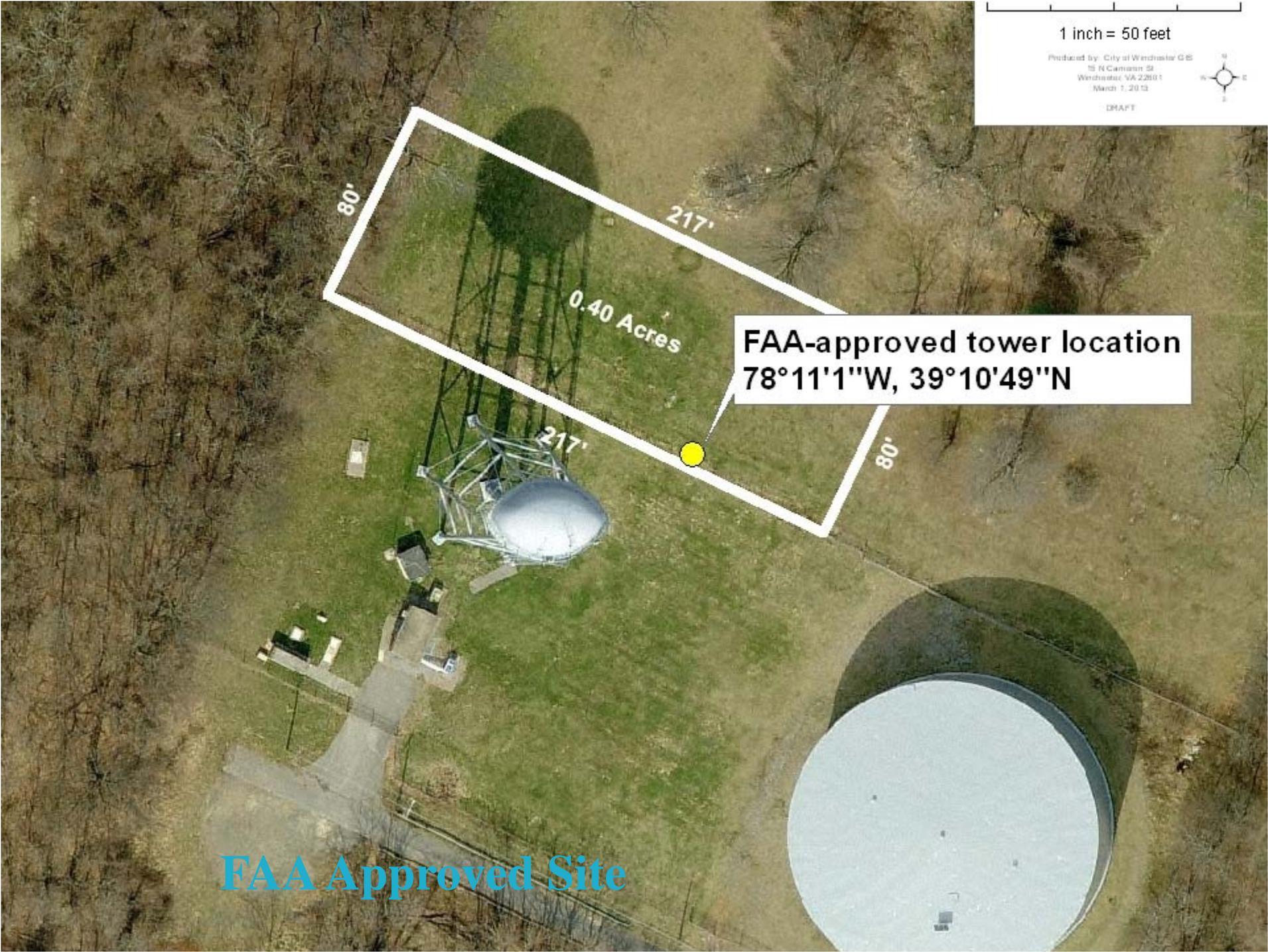


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**FAA-approved tower location
78°11'1"W, 39°10'49"N**

FAA Approved Site



1 inch = 50 feet

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Winchester, VA 22601
March 1, 2013

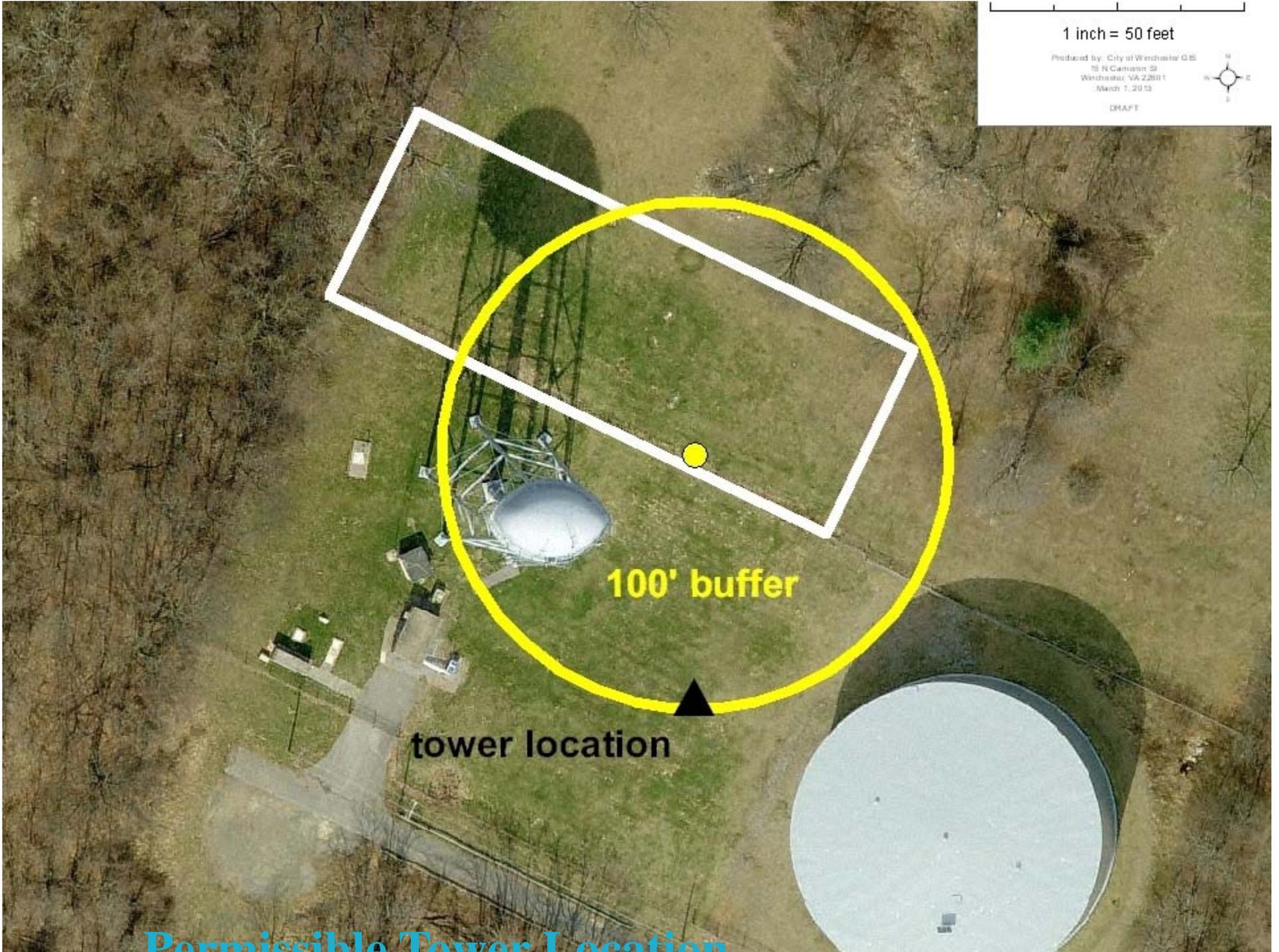


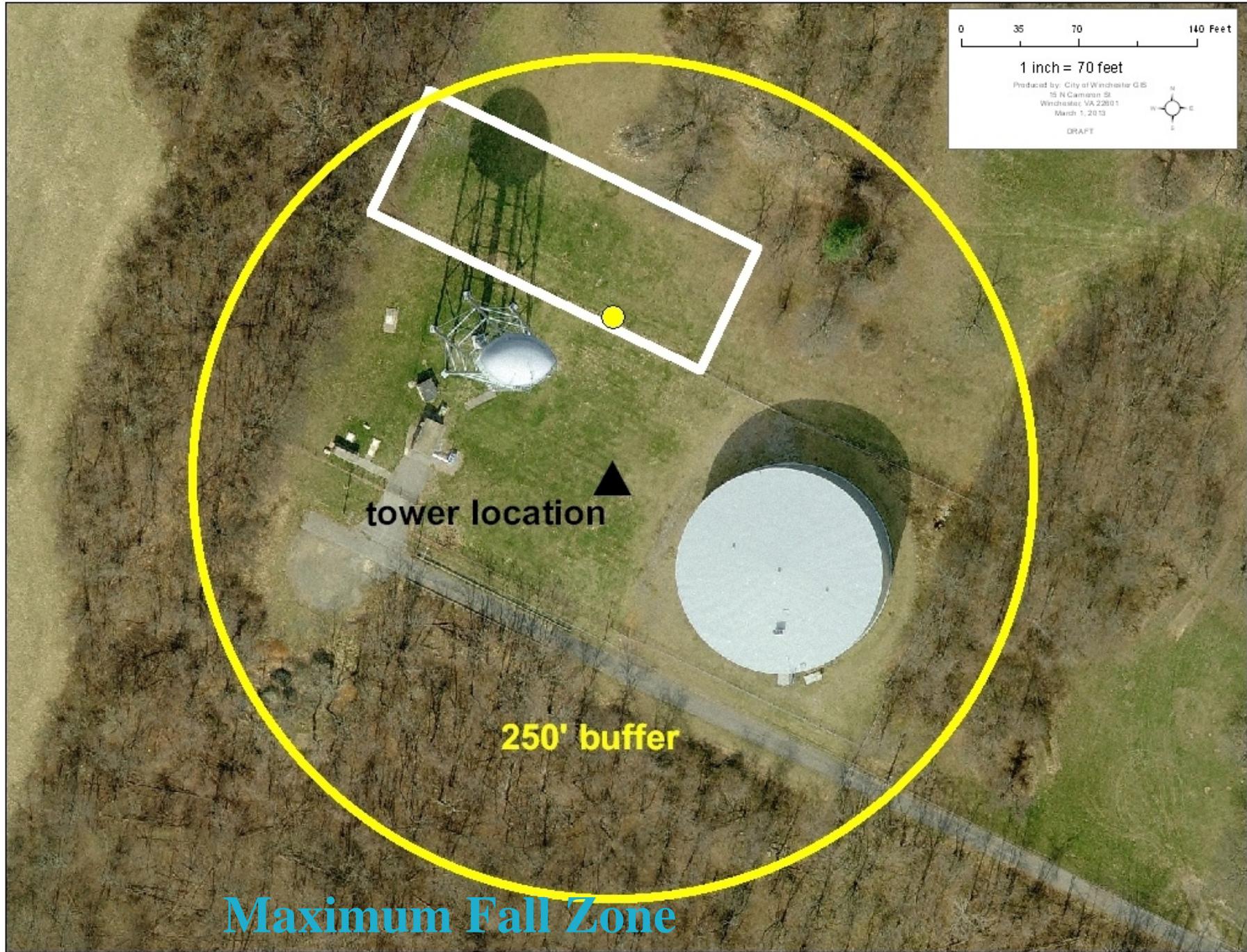
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100' buffer

tower location

Permissible Tower Location





tower location ▲

250' buffer

Maximum Fall Zone

0 35 70 140 Feet

1 inch = 70 feet

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Questions

