

CERL's Land and Heritage Conservation Branch



Historic Buildings and Structures



Archaeological Sites and Native American Issues



Historic Military Installation Districts



Report Documentation Page

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Military Installations are Unique in their Mission



Overarching Problems

- Risk to the Mission
- Risk to the Budget
- Risk of Non-Compliance
- Risk to the Historic Resource



Archeological Sites



Geophysical Techniques

Magnetic Gradiometry



Electrical Resistance



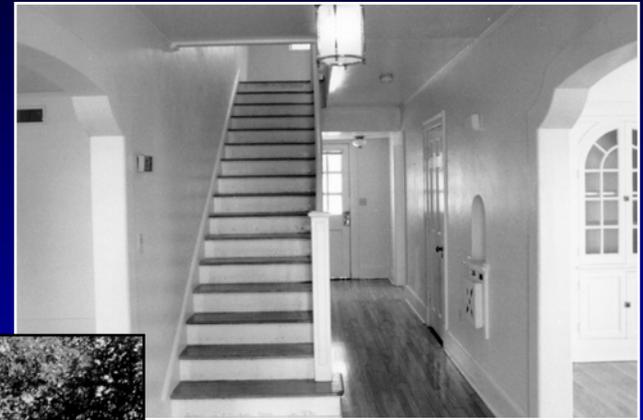
Ground Penetrating Radar



Buildings and Structures



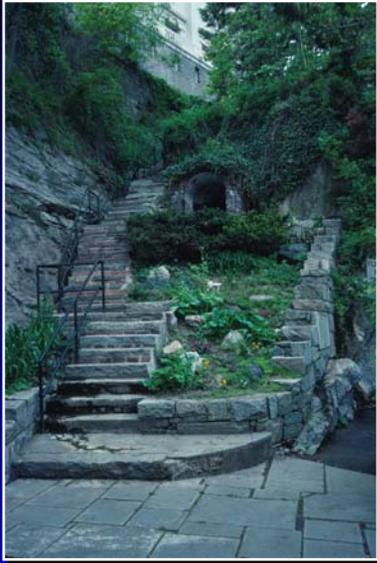
Fort Bliss



Cultural Landscapes



USMA, West Point, NY



Better Ways to Understand Significance & Eligibility

Recent research efforts include:

- **West Point Historic Viewshed Analysis**
- **Landscape Approach to Archeological Sites**
- **National Register Historic Military Installation Districts Bulletin**



Historic Viewshed Analysis

- **Purposes:**
 - Identification**
 - Description
 - Period of Significance
 - Character-defining features

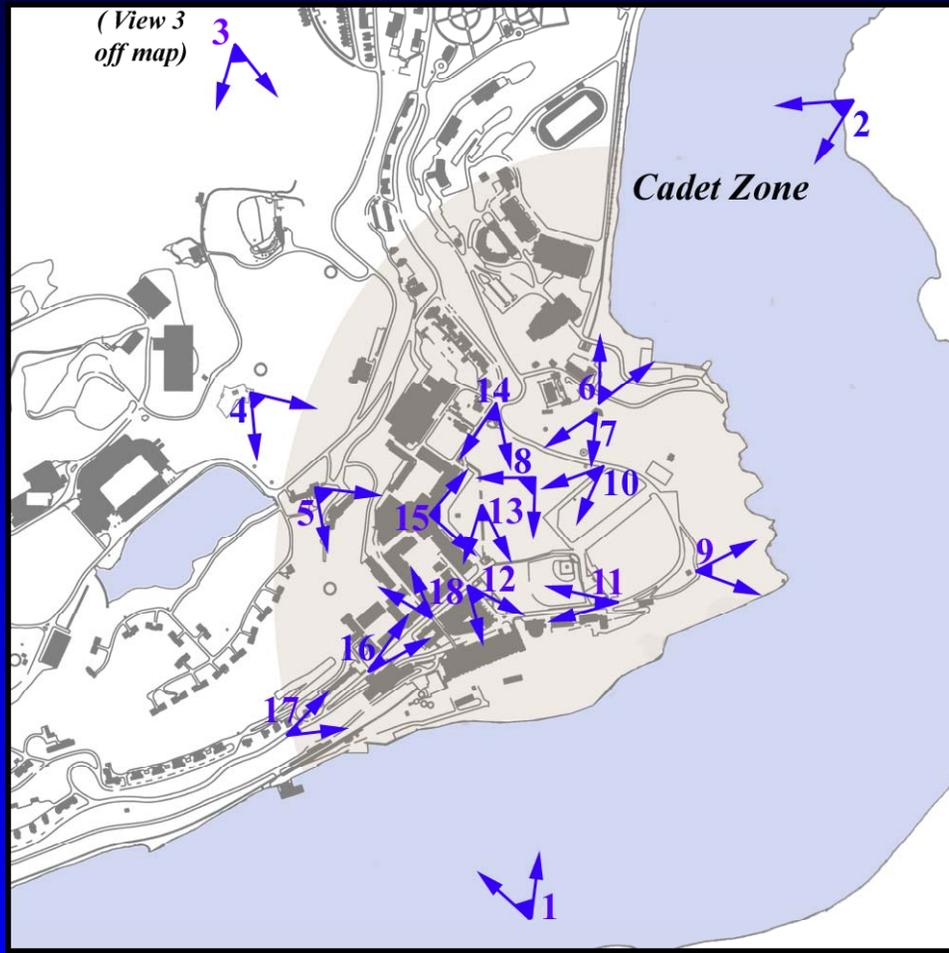


Assessment

- Rating for historic significance
- Rating for integrity



Historic Views at USMA, West Point



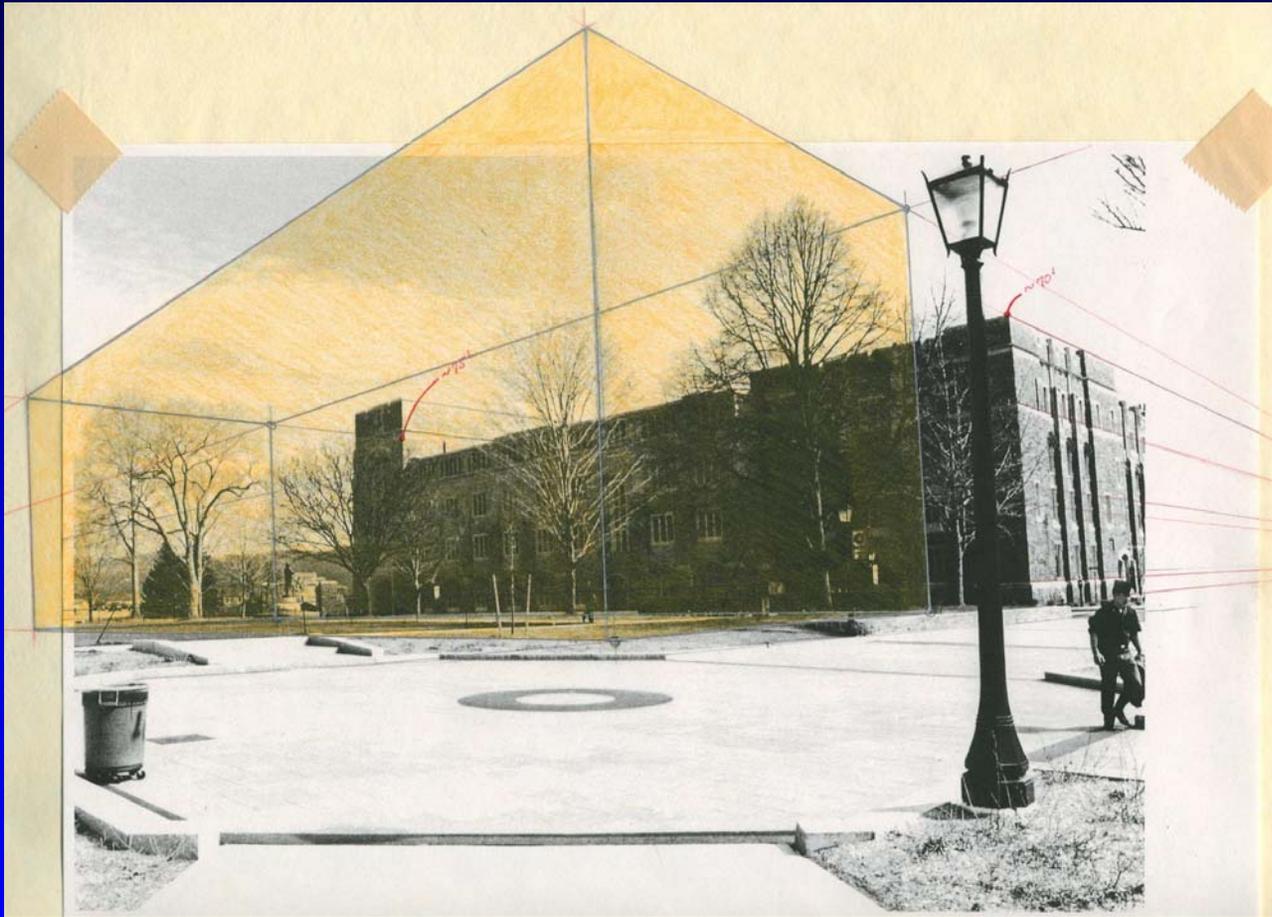
Historic view southwest along Diagonal Walk, circa 1903



Current image of view southwest along Diagonal Walk



Wireframe Massing Image



A Landscape Approach to Determining Significance of Historic Farmsteads at Fort Leonard Wood, MO

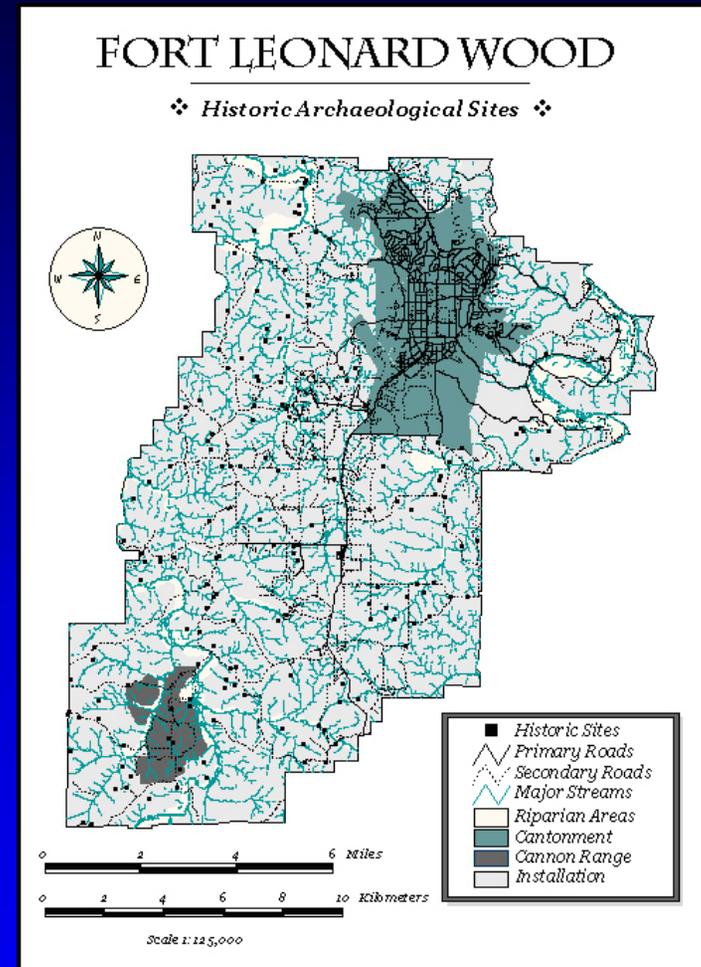


Background and Problem

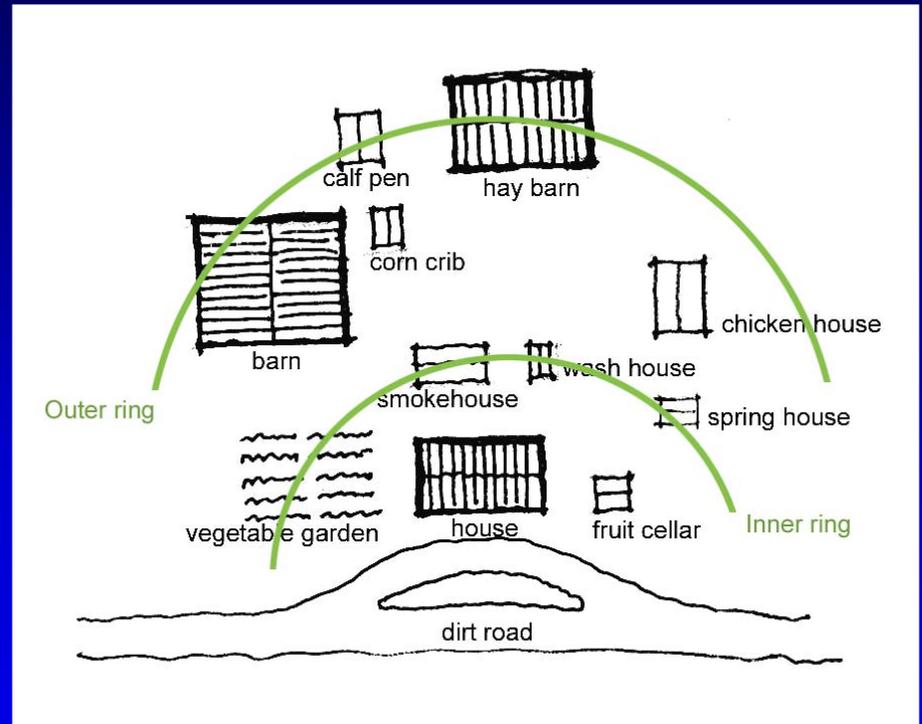
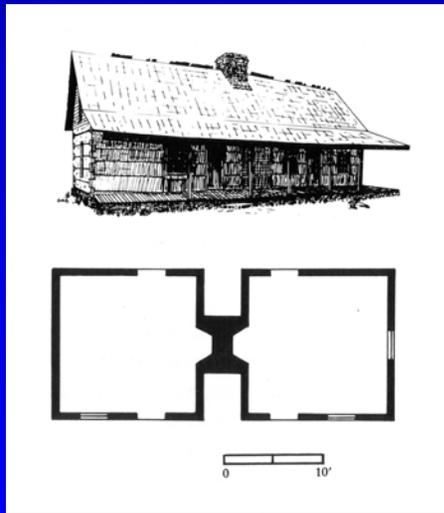
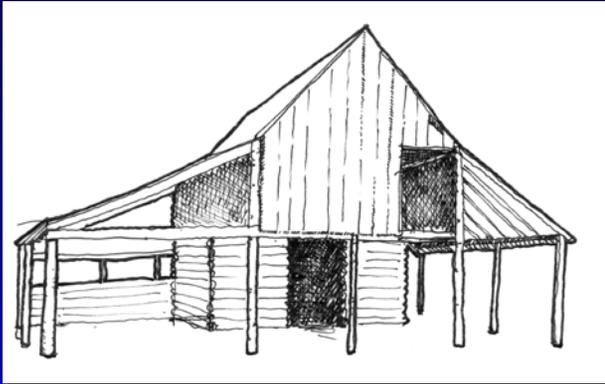
There have been 207 historic archaeological sites identified on the installation.

Needs:

- **Comply with NHPA**
- **Develop a cost effective and efficient process for determining significance**



Architectural Characteristics



National Register Bulletin for Historic Military Installation Districts



Marine Corps Barracks, 1972



Mare Island, 1974



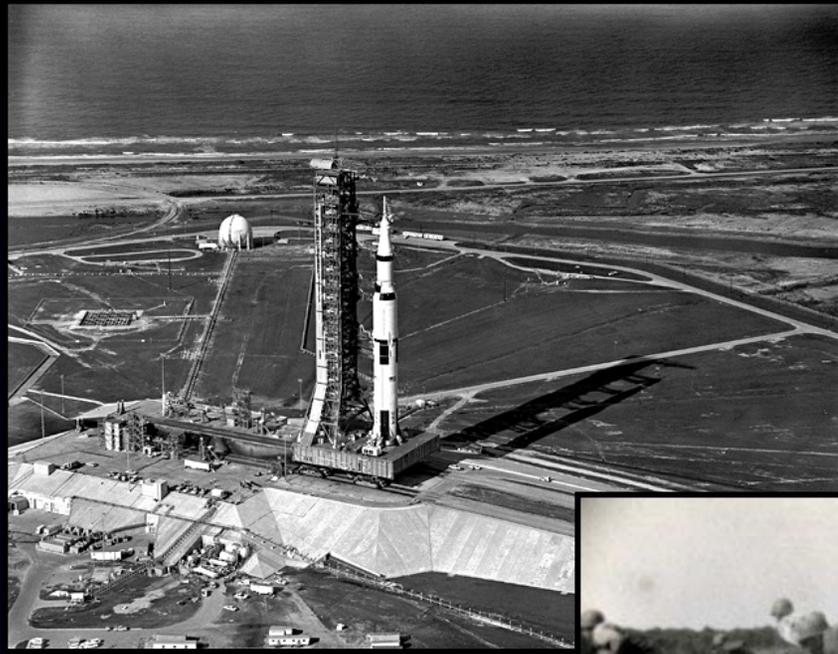
Fort Riley, 1904



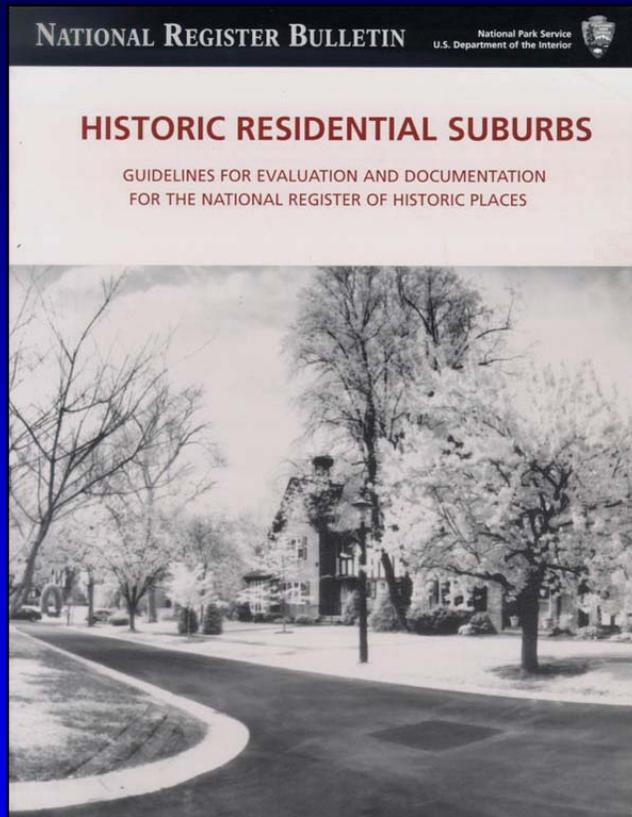
Albrook Air Force Base, 1932



Individual Missions Shape Historic Military Installation Districts



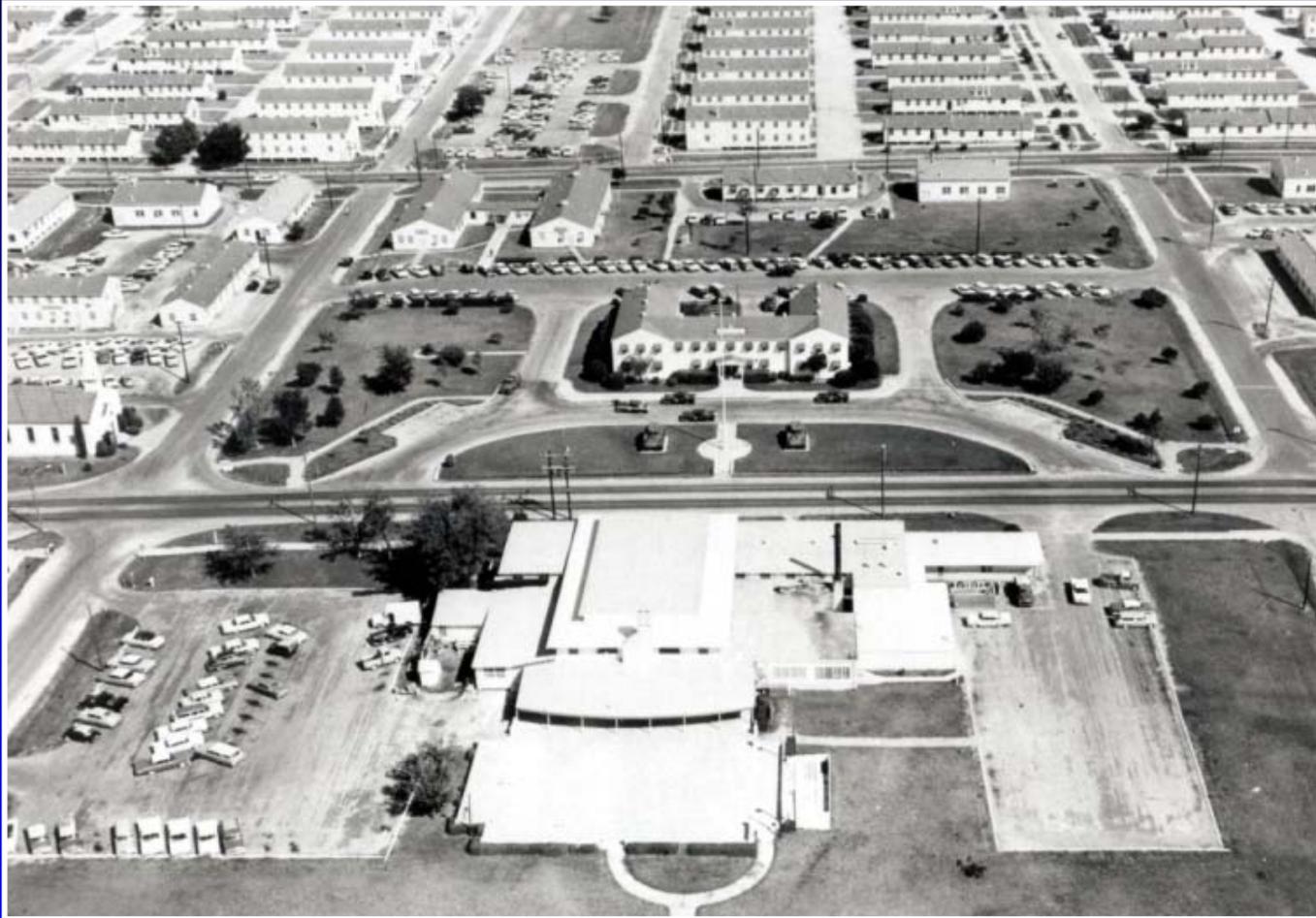
Directed Guidance



- Existing guidance does not take into account the military mission
- Inconsistent use of existing guidance



An Integrated Approach



Model Historic District Inventories

Washington Navy Yard



Washington Navy Yard Waterfront, 1932

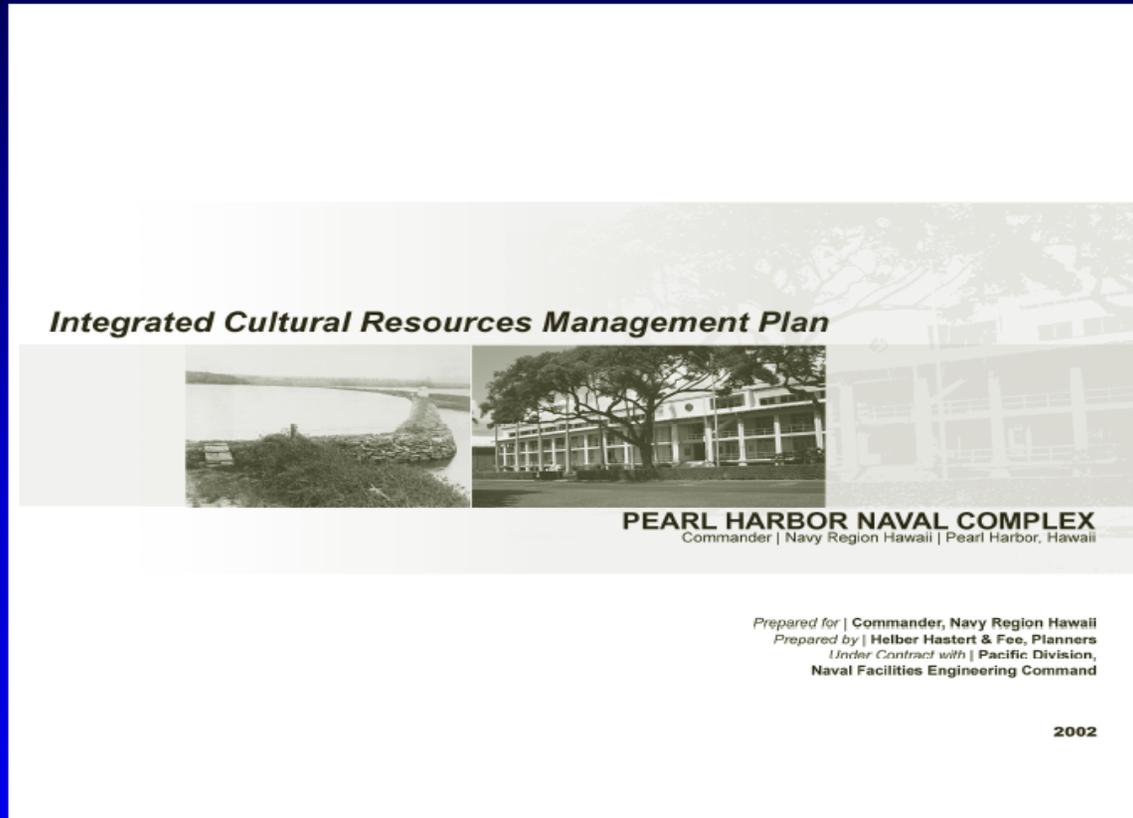
Camp Edwards, MA



Camp Edwards WWII Barracks



Cultural Landscape Approach In Action



Where do new ideas about eligibility take us?

- **More accurate evaluations**
- **More holistic approaches**
- **More systematic methodologies**
- **Incorporation of cultural resource data into the planning process**



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