

AR Consultants, Inc.

***Cultural Resource Findings
during Section 106 and
Texas Antiquities Act
Investigations***

Society of Texas Environmental Professionals

Joe T. Garcia's, Fort Worth, Texas

August 24, 2018

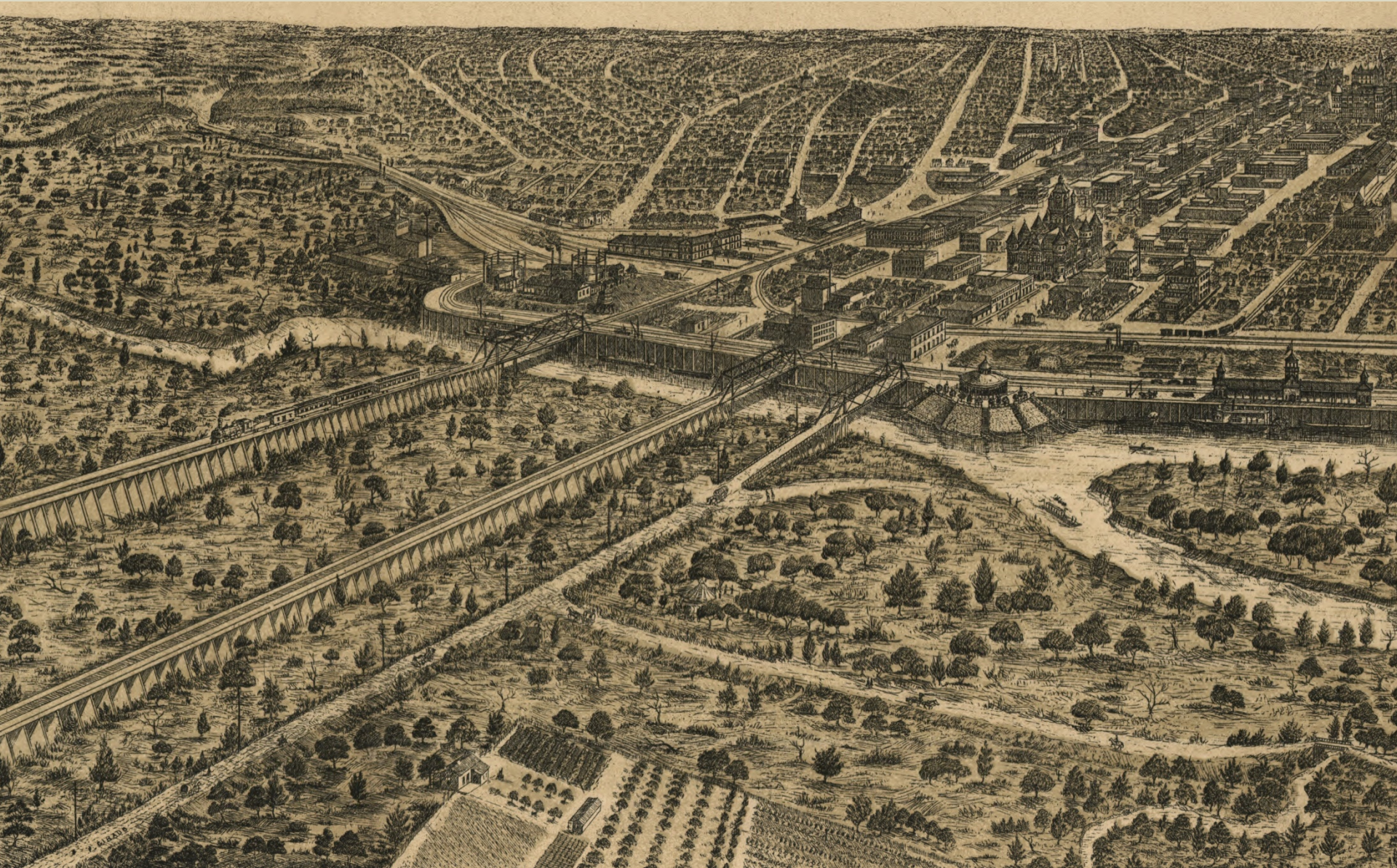
Federal Laws

- Antiquities Preservation Act of 1906
- National Historic Preservation Act of 1966 (i.e. Section 106)
- National Environmental Policy Act (NEPA) of 1969
- NAGPRA-Native American Graves Protection and Repatriation Act of 1989
- The American Indian Religious Freedom Act (AIRFA)

State Laws

- Antiquities Code of Texas (Chapter 26 of the Texas Natural Resource Code) adopted 1969
- Section 711.012(c) of the Texas Health and Safety Code-(Cemetery and Burial Protection)

1892 Dallas Lithograph



Margaret Hunt Hill Bridge






TRINITY GROVES

1968



Scott Cemetery Relocation

 Approximate Cemetery Location



Coordinate System: NAD 1983 UTM Zone 14N
Data Source: 1968 USGS Aerial Photograph (USGS EarthExplorer)

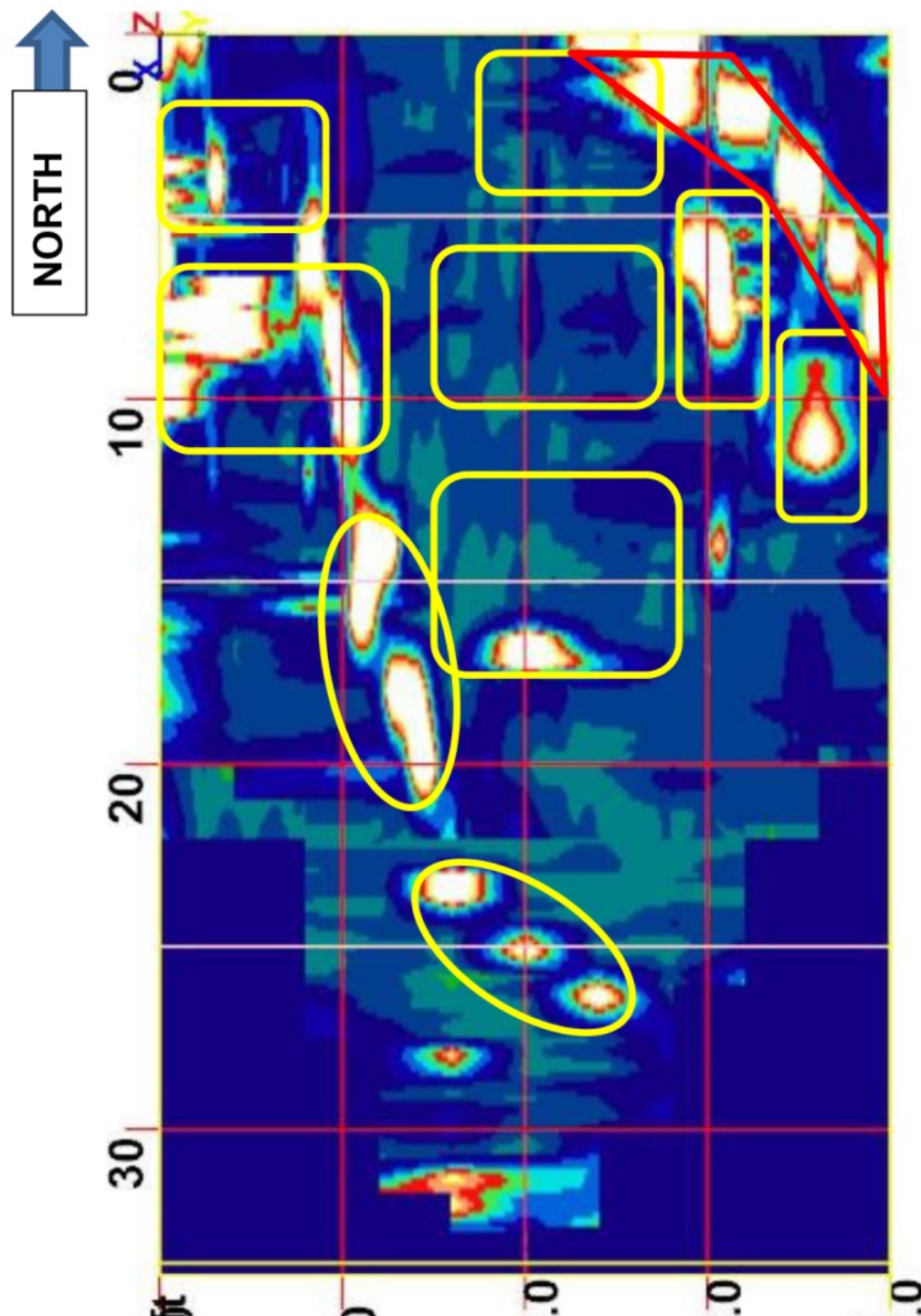


ARC No: 151104
Drawn By: NAC
Date: 10/4/2016

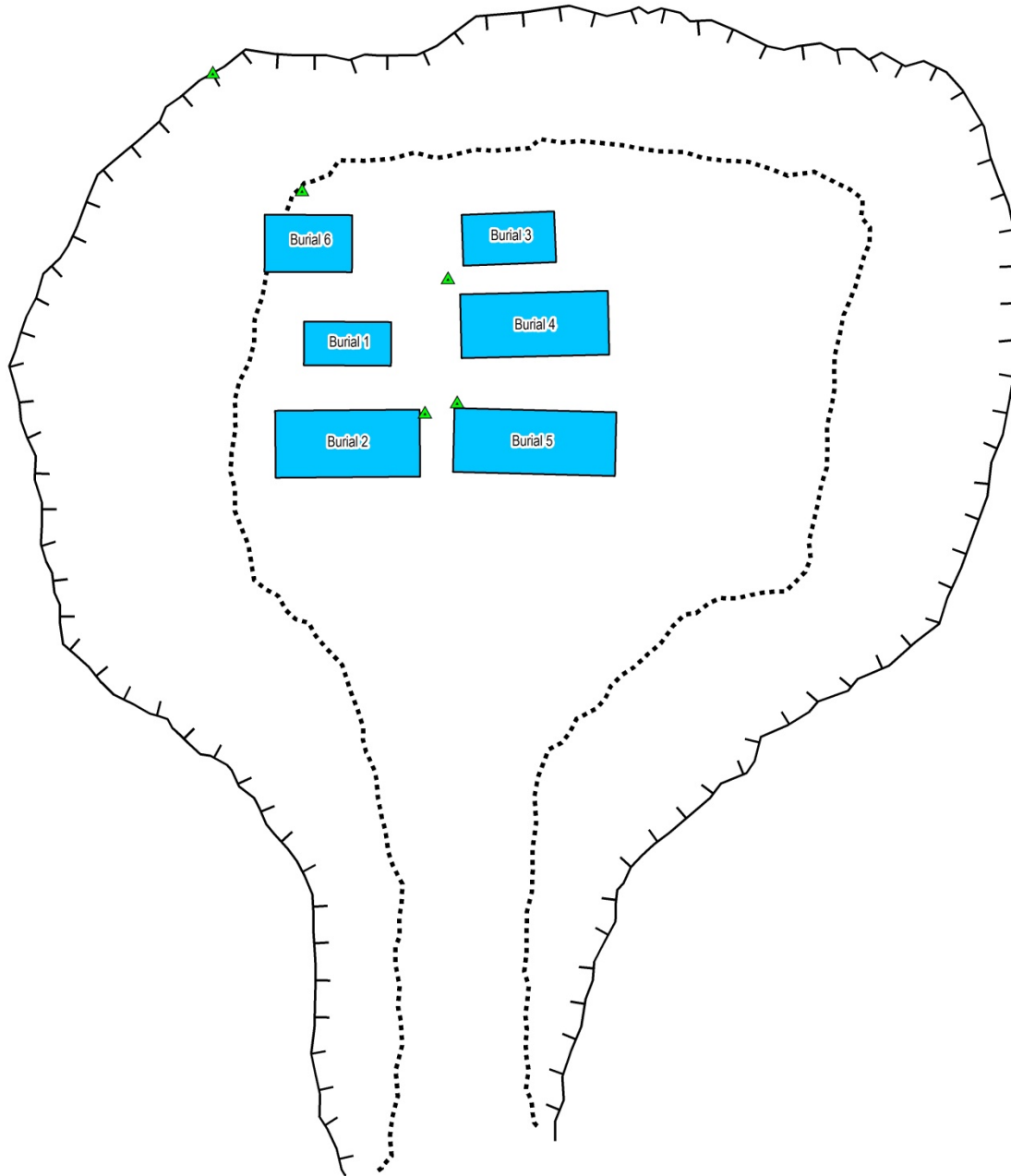
AR Consultants, Inc.
805 Business Parkway, Richardson, TX - arc@arc-digs.com - (214) 368-0478

Cleared Cemetery Site





Ground
Penetrating
Radar (GPR)
Anomalies,
thanks to
Terracon



Scott Cemetery Relocation

▲ Datum ■■■ Pit Floor Edge

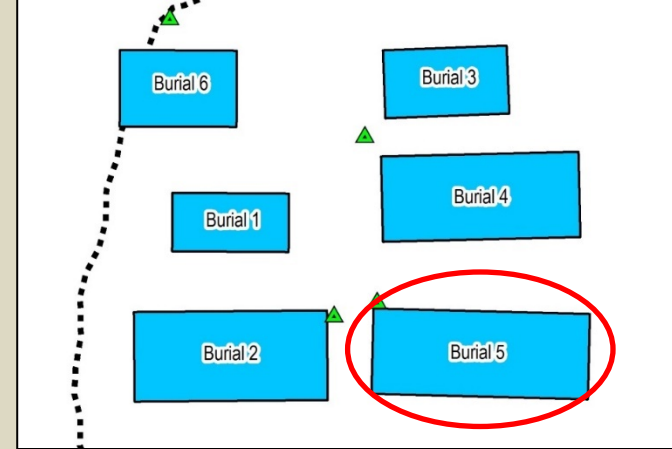


Coordinate System: NAD 1983 UTM Zone 14N
Data Source: Cemetery boundary derived from historic plat maps; pit rim edge, pit floor edge, and grave shafts were mapped



ARC No: 151104
Drawn By: NAC
Date: 10/4/2016

Burial 5





Oak Grove Memorial Gardens Cemetery - Irving





5/22/2012 10:10

Collapsed House



5/22/2012 9:47
Pinned Bois
d'Arc logs



Redwine House - Farmersville



8/15/2012 8:50

Cistern, log foundation,
and brick wall



08/04/2011 13:25







The Chisholm Trail
in later years, 1876-84



• Cow covered with ticks

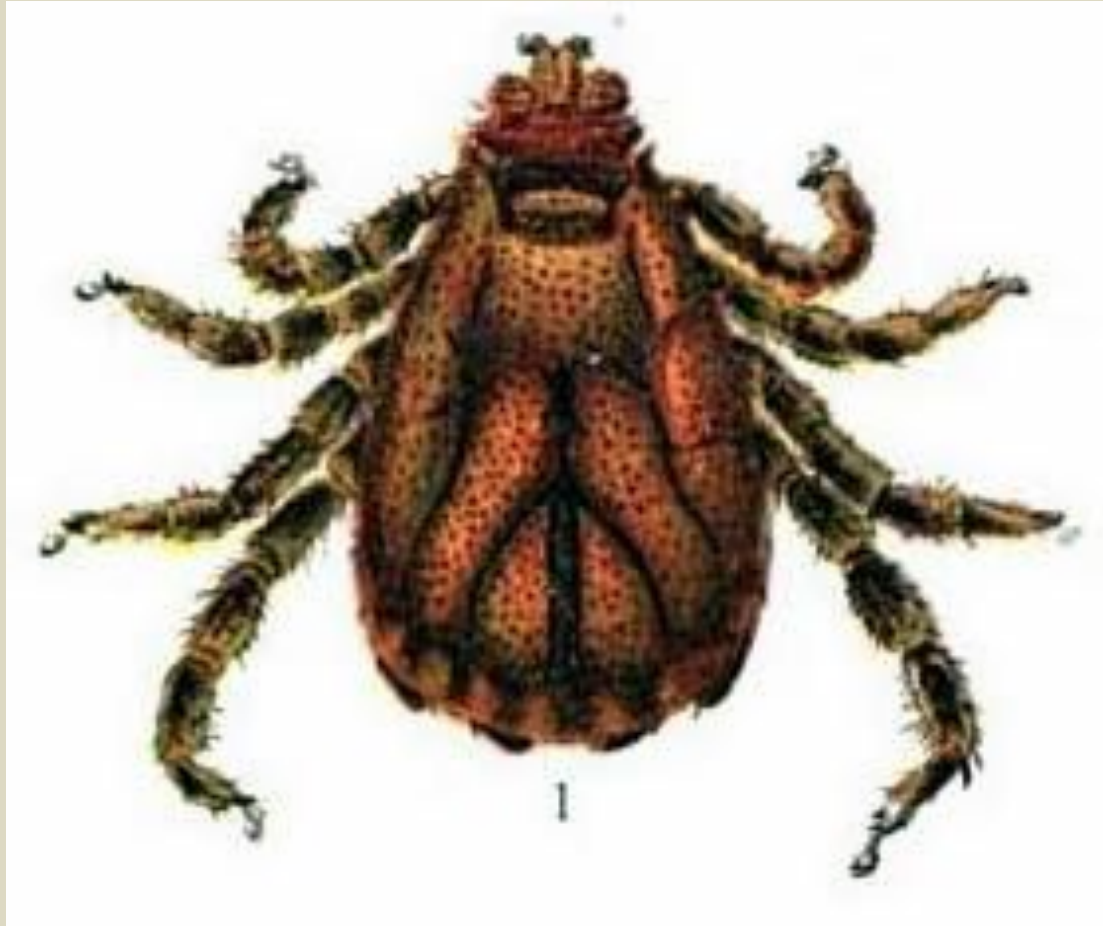


WESTERN DIAMONDBACK RATTLESNAKE

King Ranch, Texas



USDA Tick Eradication 1906-1943



- **Dorsal View of Texas Fever Tick**

The Solution

- 500 gallons water
- 8 pounds white arsenic
- 24 pounds of carbonate of soda
- One gallon of pine tar





08/05/2011 08:04

Archer County, Texas



Modern Dipping Vat



Elevated Gin Floor



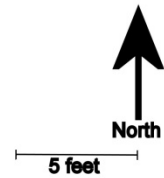
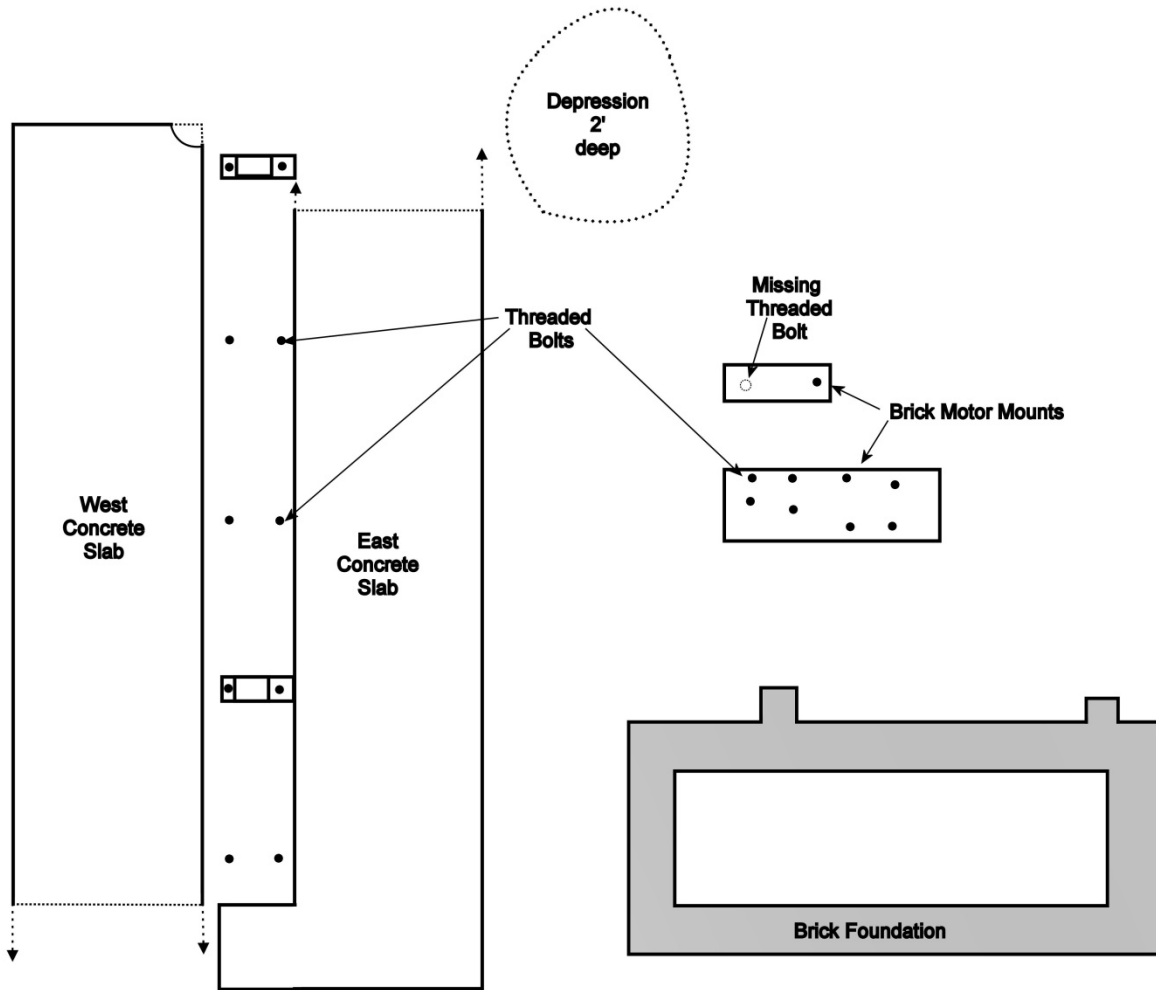
Steam Boiler Foundation



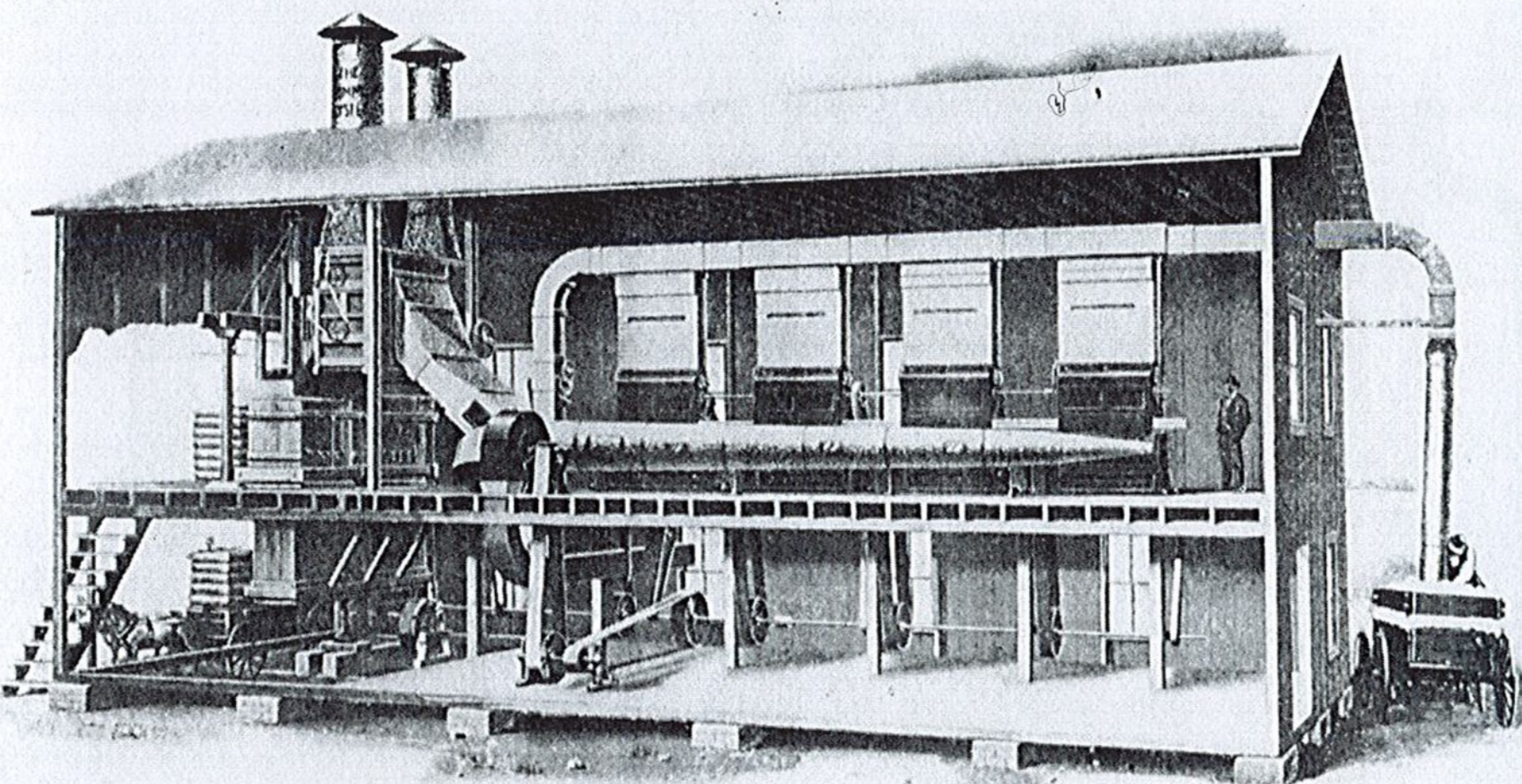
Globe (1904-1924)

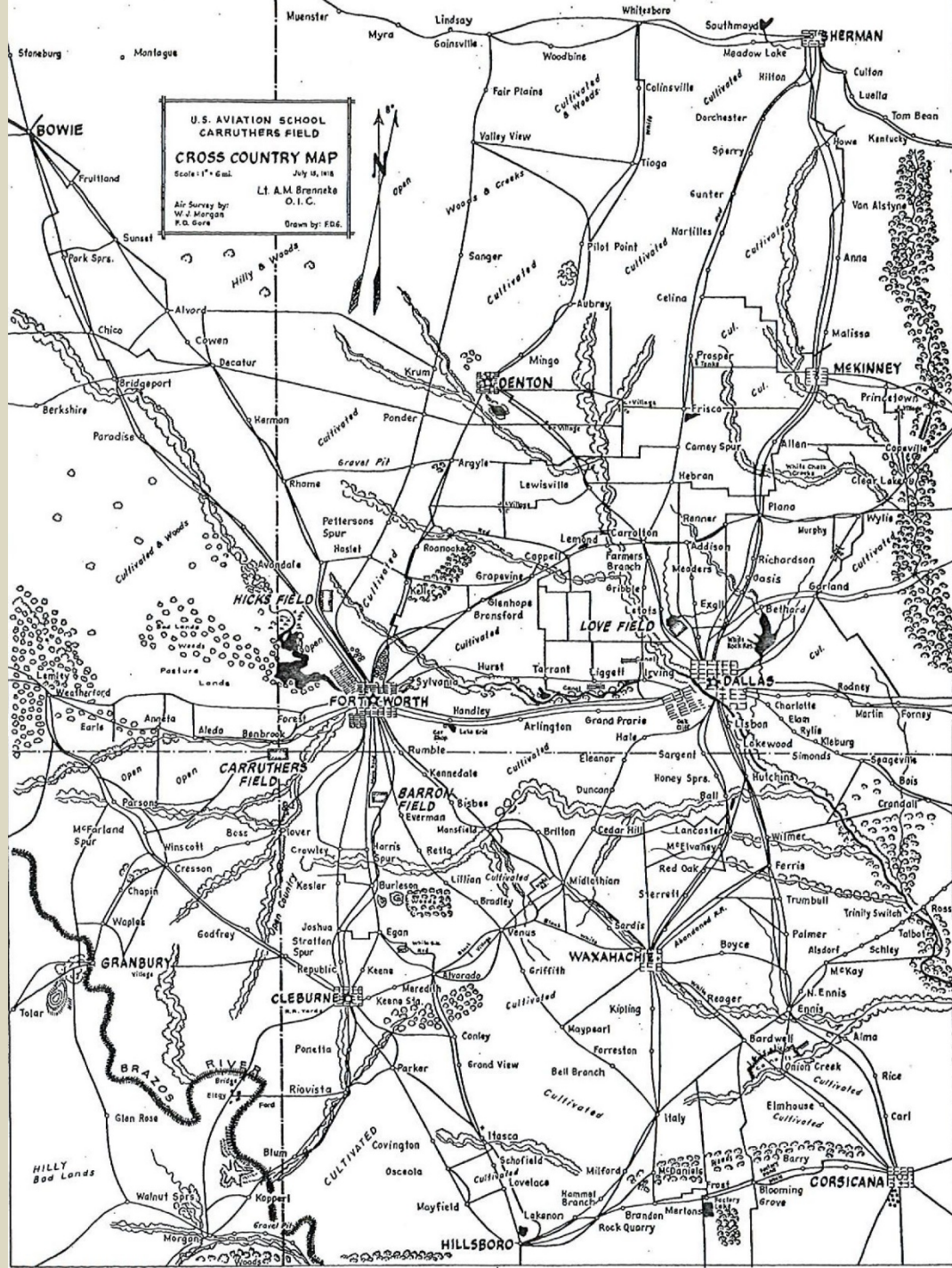


Cotton Gin Plan Map



Tyler Gin
41FN243





**U.S. AVIATION SCHOOL
CARRUTHERS FIELD**

CROSS COUNTRY MAP

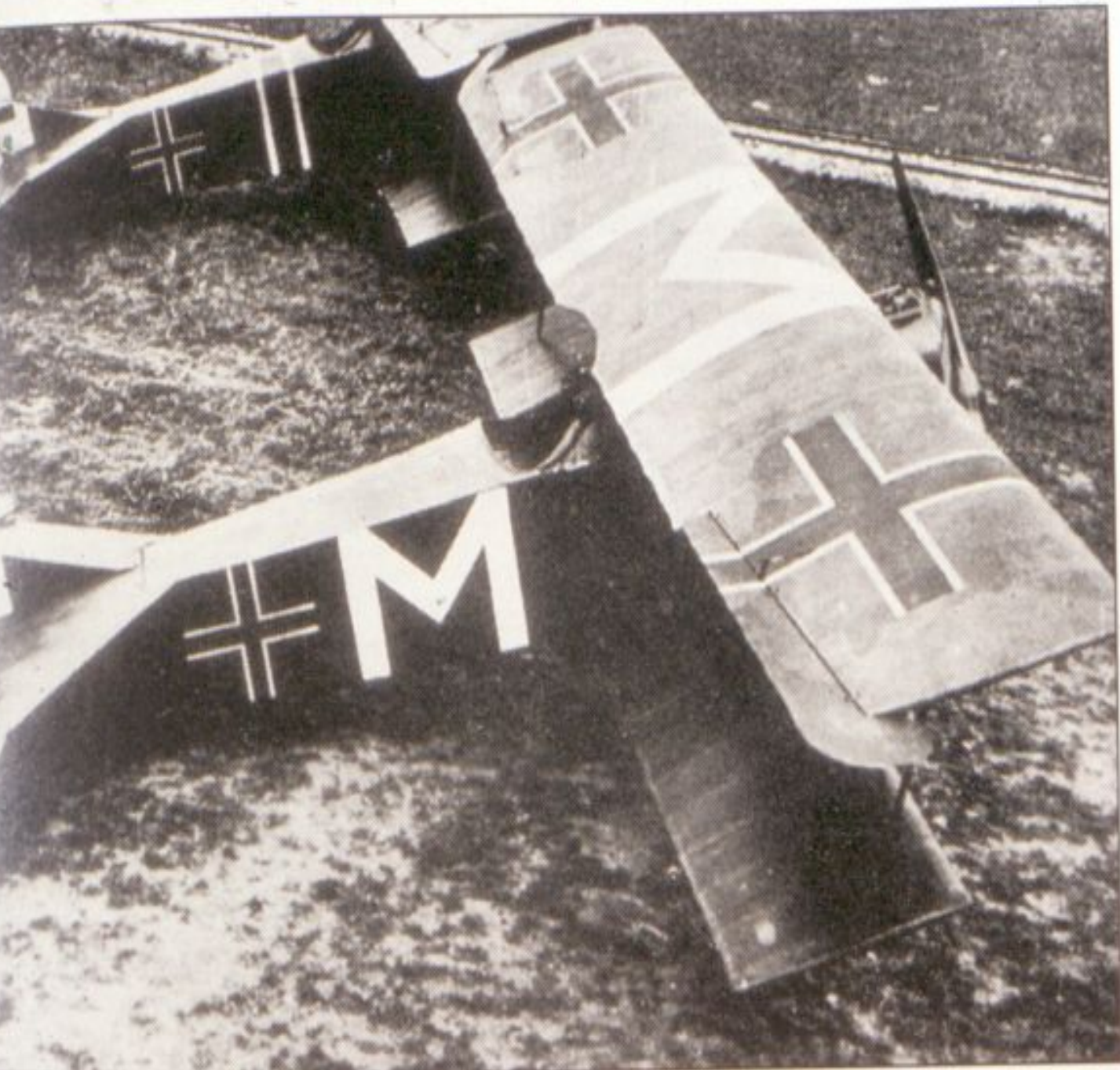
Scale: 1" = 6 mi. July 19, 1918

Lt. A.M. Branncke
D.I.C.

Air Survey by:
W. J. Morgan
P. O. Gore

Drawn by: F.D.G.



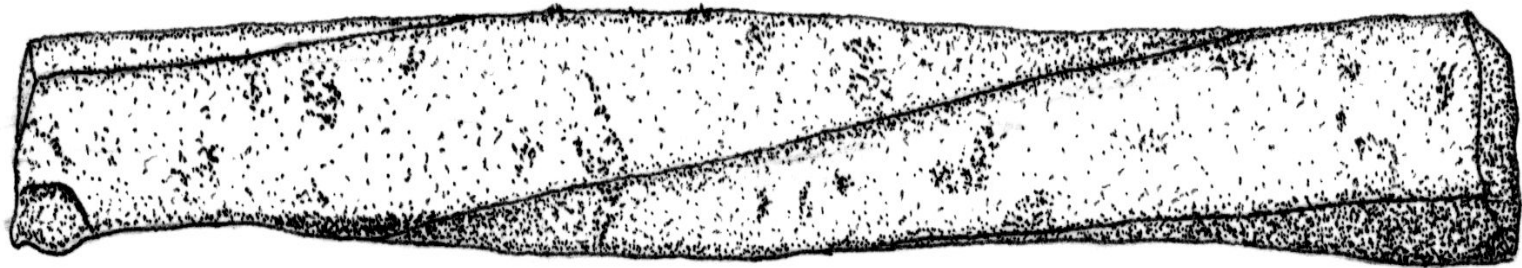


The personally
marked Fokker D
VII of Ober-
leutenant Carl
Menckhoff,
brought down by
Walt Avery of the
95th.



Concrete Airplane at
Taliaferro Field

8/23



- Damascus twist rebar



Concrete Airplane
Aerial View, note
fence

Due Diligence



• Collin County, TX

Discarded Headstone

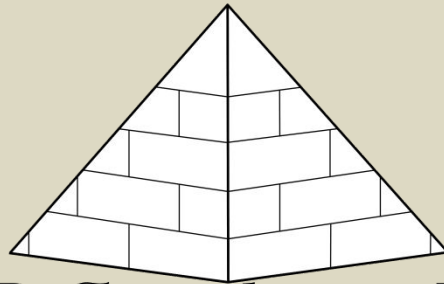


- All are more than 50 years old
 - All were unexpected
- Most were on private property
- All were investigated in conjunction with federal or state environmental legislation
- Other Unique Historic Resources are out there to be found

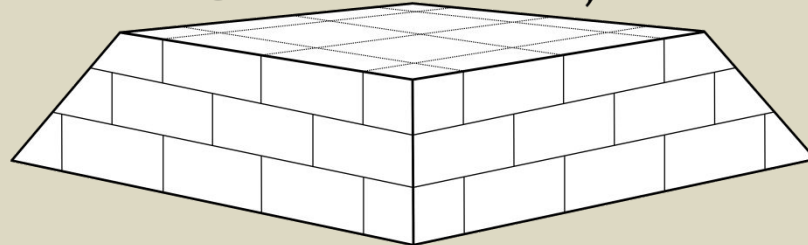
REMEMBER

- Cultural resource legislation is administered primarily by archaeologists, historians, and environmentalists and a certain amount of interpretive flexibility is possible.

An
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Presentation



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Archaeology and Environment