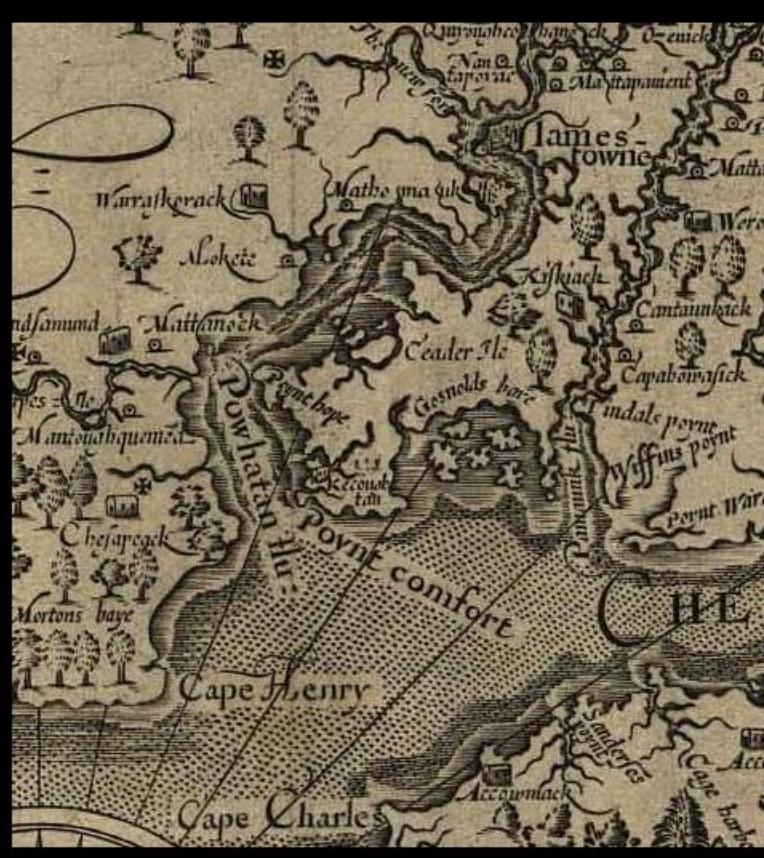
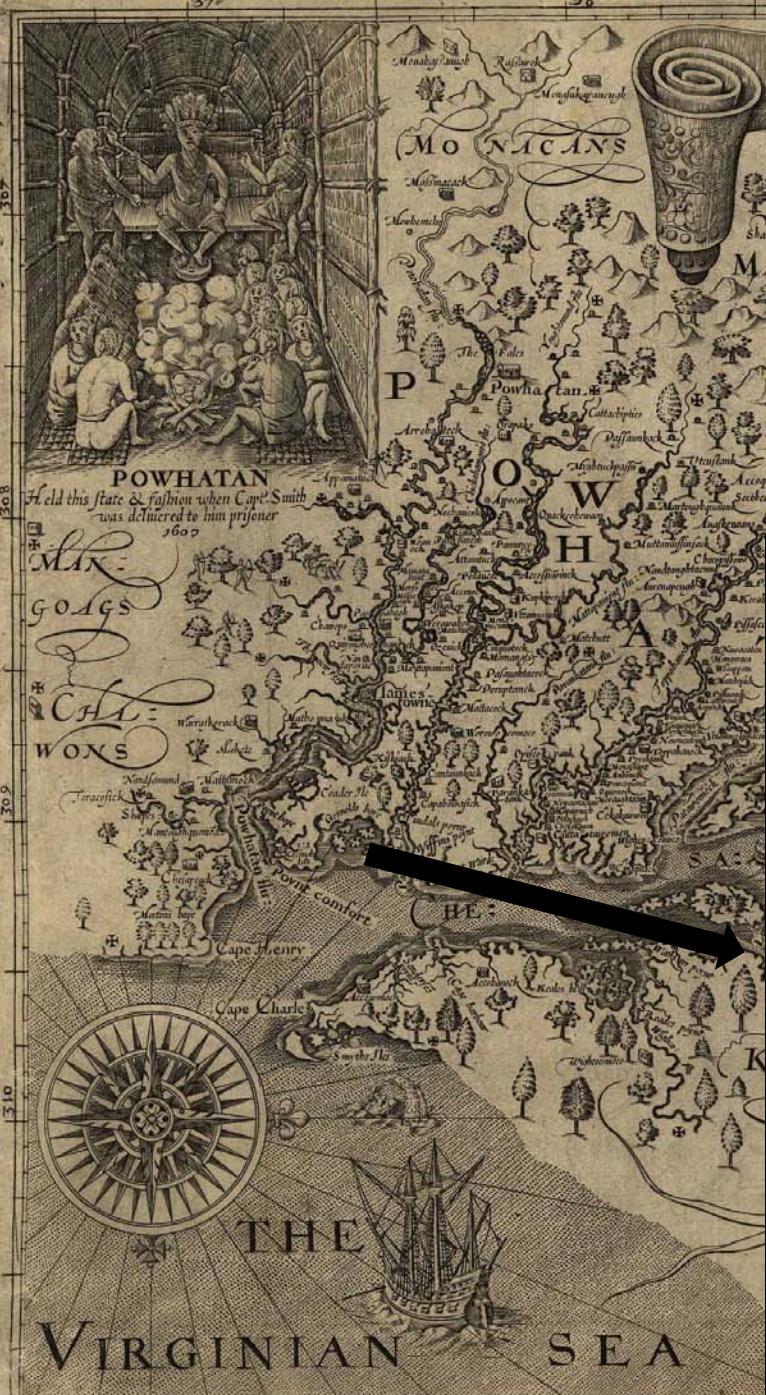


# *Chesterville*

Preserving History at  
NASA Langley Research Center

Sarah E. McCartney and Graham Callaway



Signification of those marks,  
To the crosses hath bin discovered  
what beyond is by relation +  
Kings houses 2  
Ordinary houses 2

Map & Chart  
John & Charles

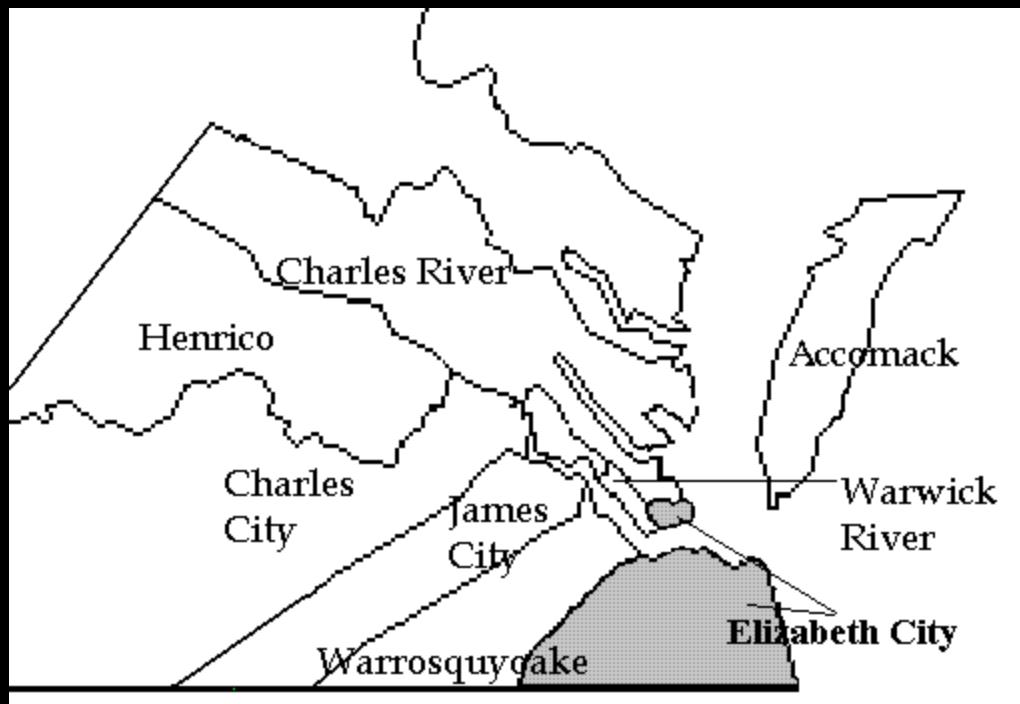
## Elizabeth Stuart



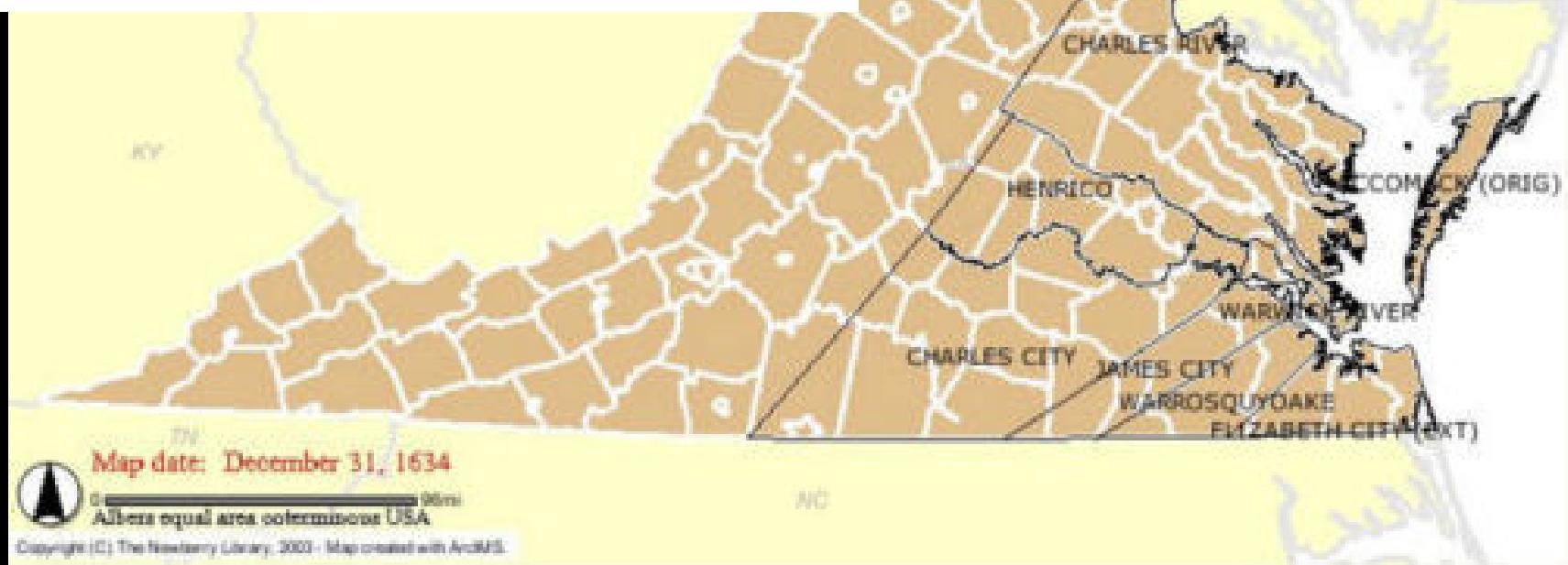
Elizabeth Stuart, Princess of Scotland  
by Robert Peake the Elder, 1606



Elizabeth Stuart, Queen of Bohemia  
by Gerard van Honthorst, 1642



1634 – Formation of Eight Shires

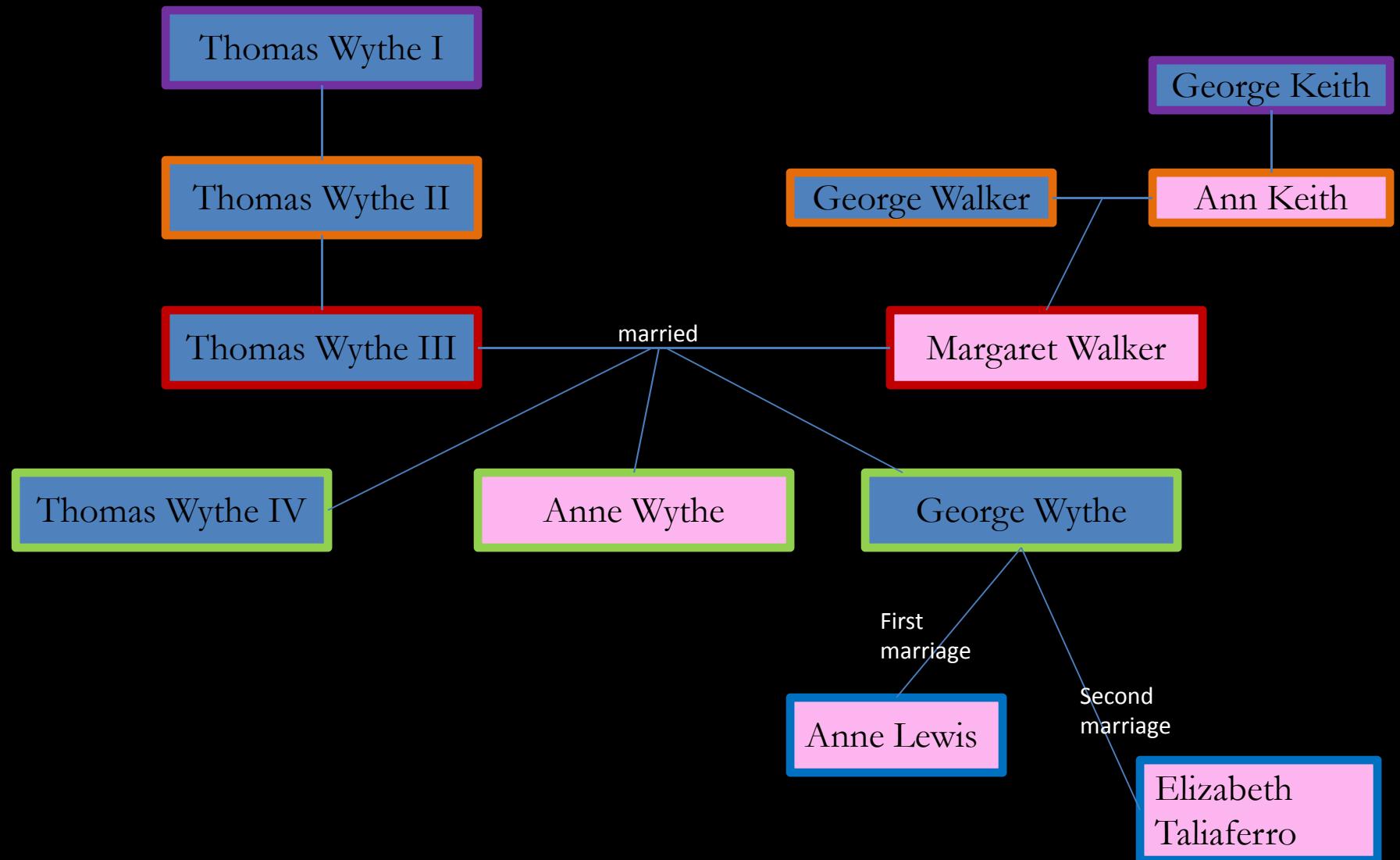


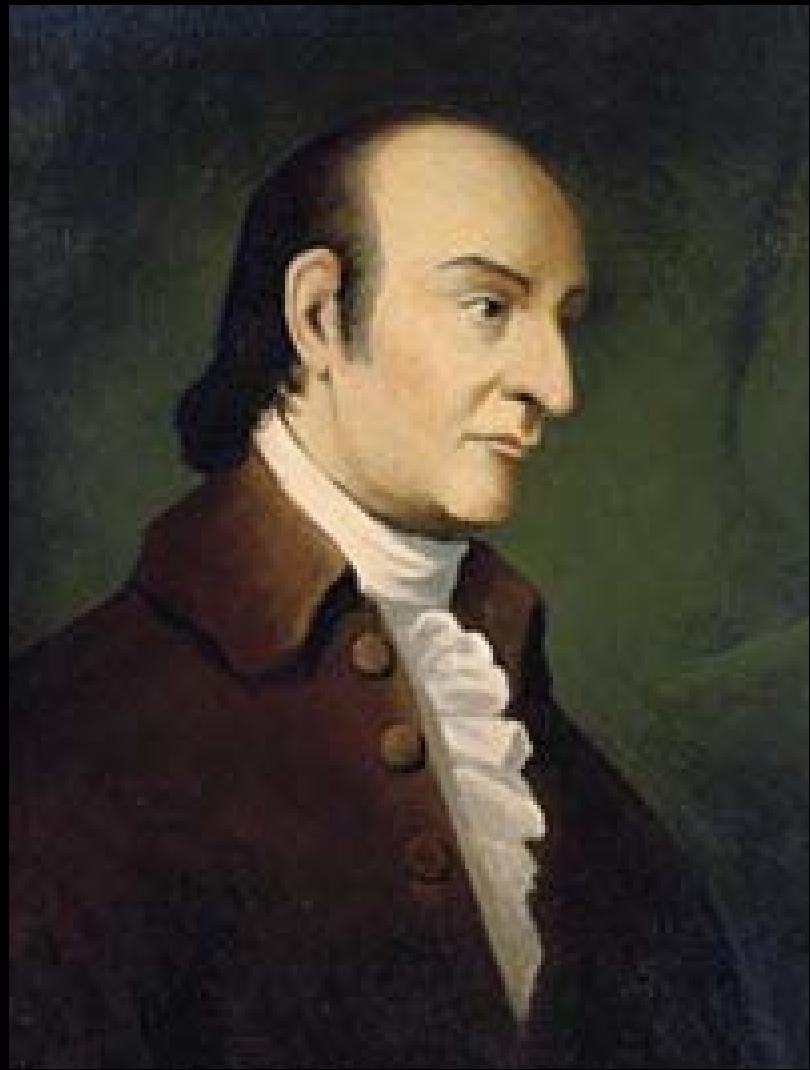
**NASA**  
L-76-4346





George Wythe House – Williamsburg, Virginia





*George Wythe*

*Letter from George Wythe to J.H. Norton, merchant*

*July 18, 1771*

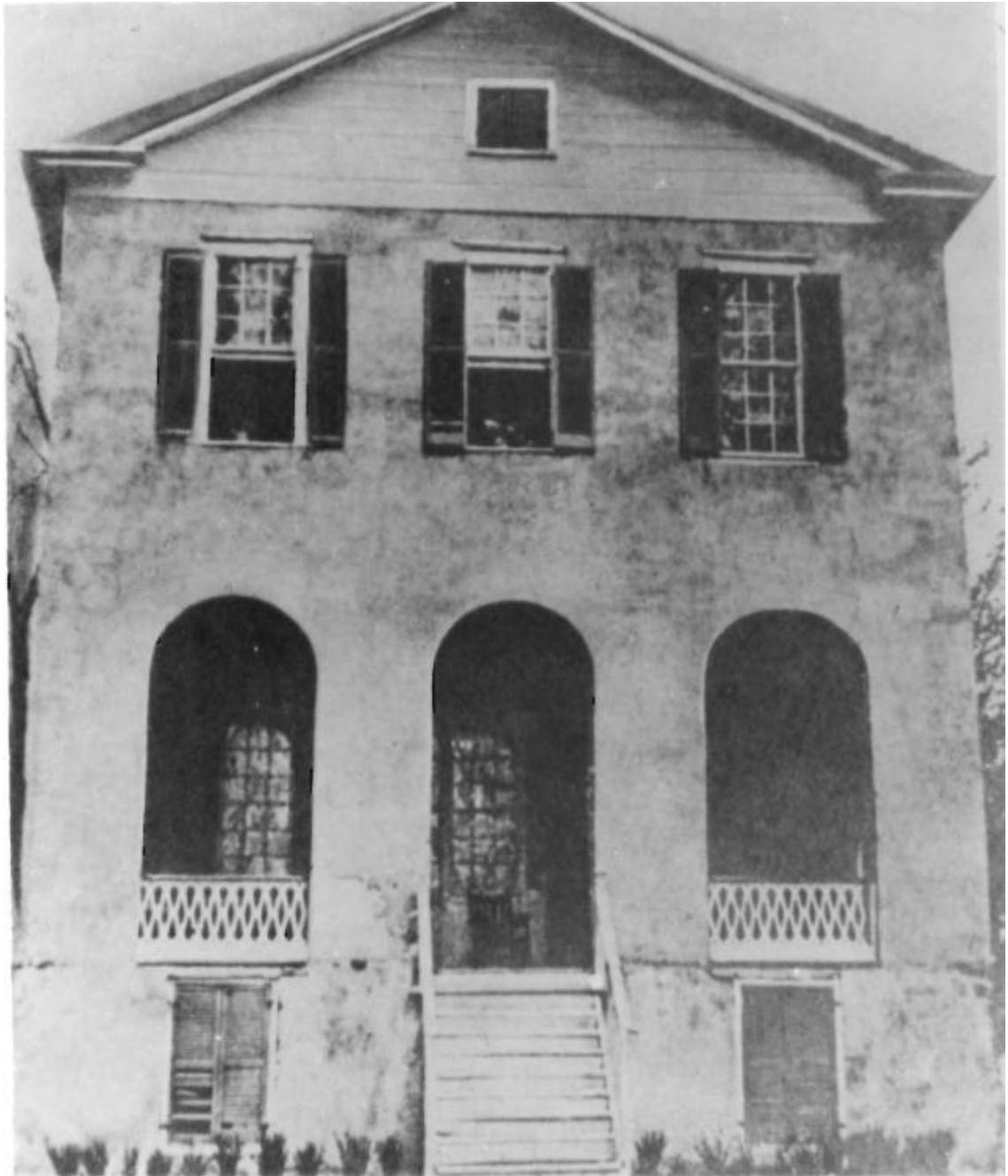
*Dear Sir*

*I am about building a small house, and must be obliged to you for the English materials, which I shall send a bill of exchange to pay the cost...*

A chest of Nice joiner's and other tools, to cost six or seven guineas, or even eight to be complete [...]

oil, colour & brushes to cost	3. 0.0
400 panes of crown glass	20. 0.0
2 Mortis locks large	1.13.0
4 ditto smaller	2.12.0
3 ditto	1. 2.6
6 pr. 4 inch door dovetail hinges	1. 4.0
3 pr. Smaller do.	
48 pr. HL rising joint for shutters	4. 0.0
48 pr. Side hinges        do	2. 0.0
40 2/2 wainscot pulleys for sashes	0. 8.0
65 yds white line for        do	2.10.0
48 brass jointed rings for shutters	1.16.0
10 pieces flywire 3 feet 1 inch square	10.15.0
A cask of nails	

# The Chesterville Plantation House

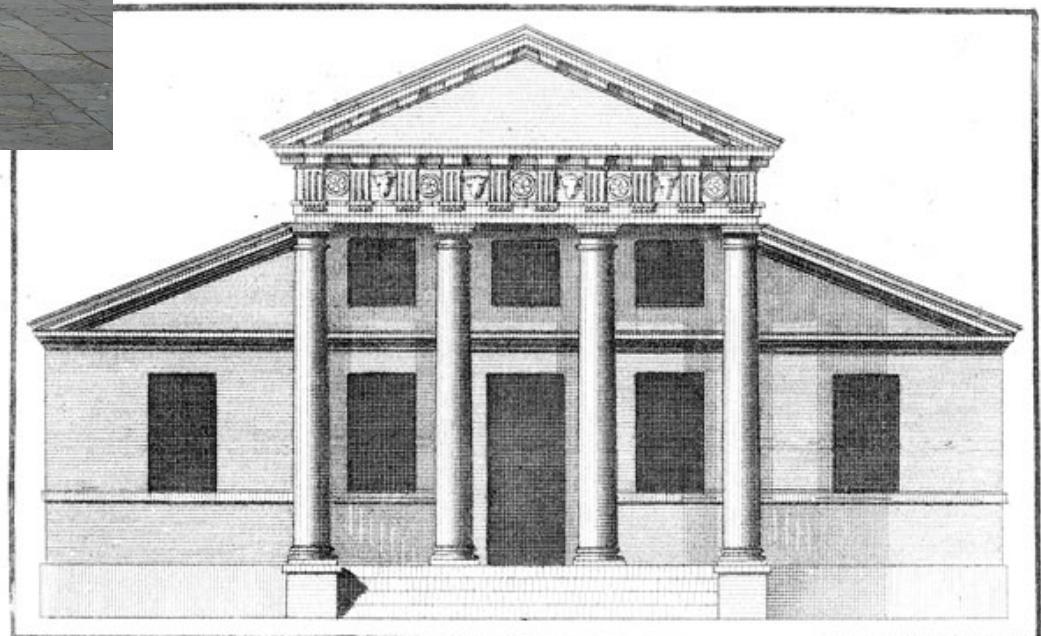


## Andrea Palladio



Palladio's Villa Emo, 1559

from Palladio's *Four Books on Architecture*, 1570



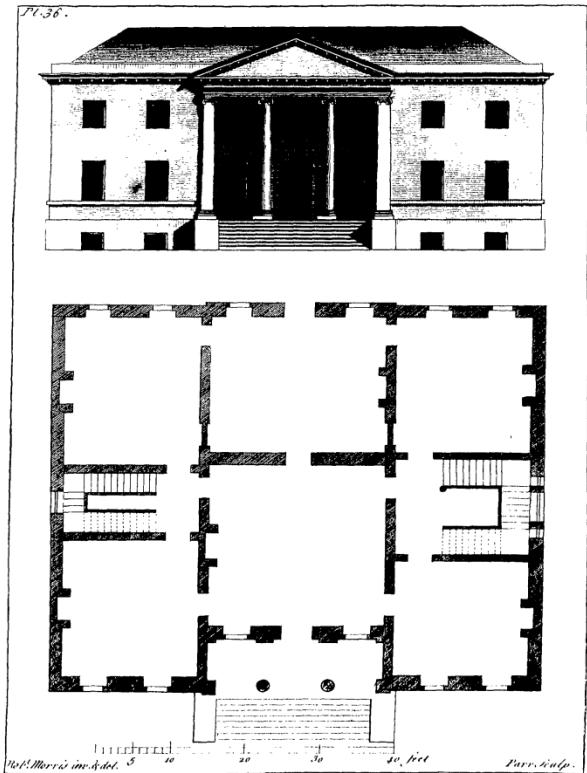
Images from [www.essential-architecture.com](http://www.essential-architecture.com)

# English Palladianism



The Queen's House by Inigo Jones, 1616, image courtesy Wikipedia Commons

Plate from *Select Architecture* by Robert Morris, 1757

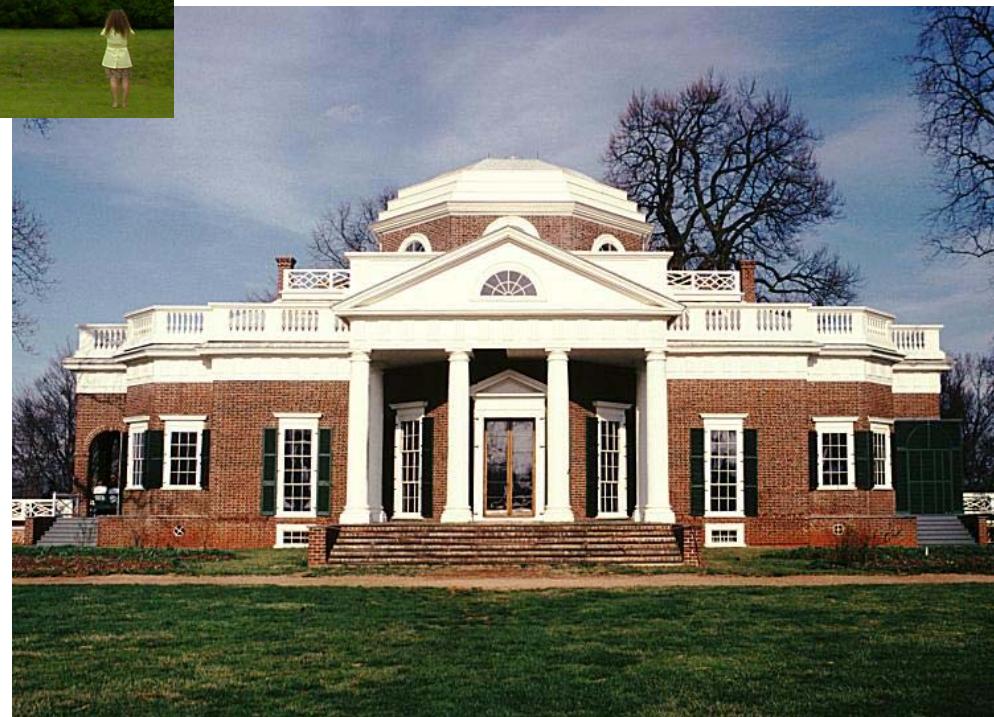


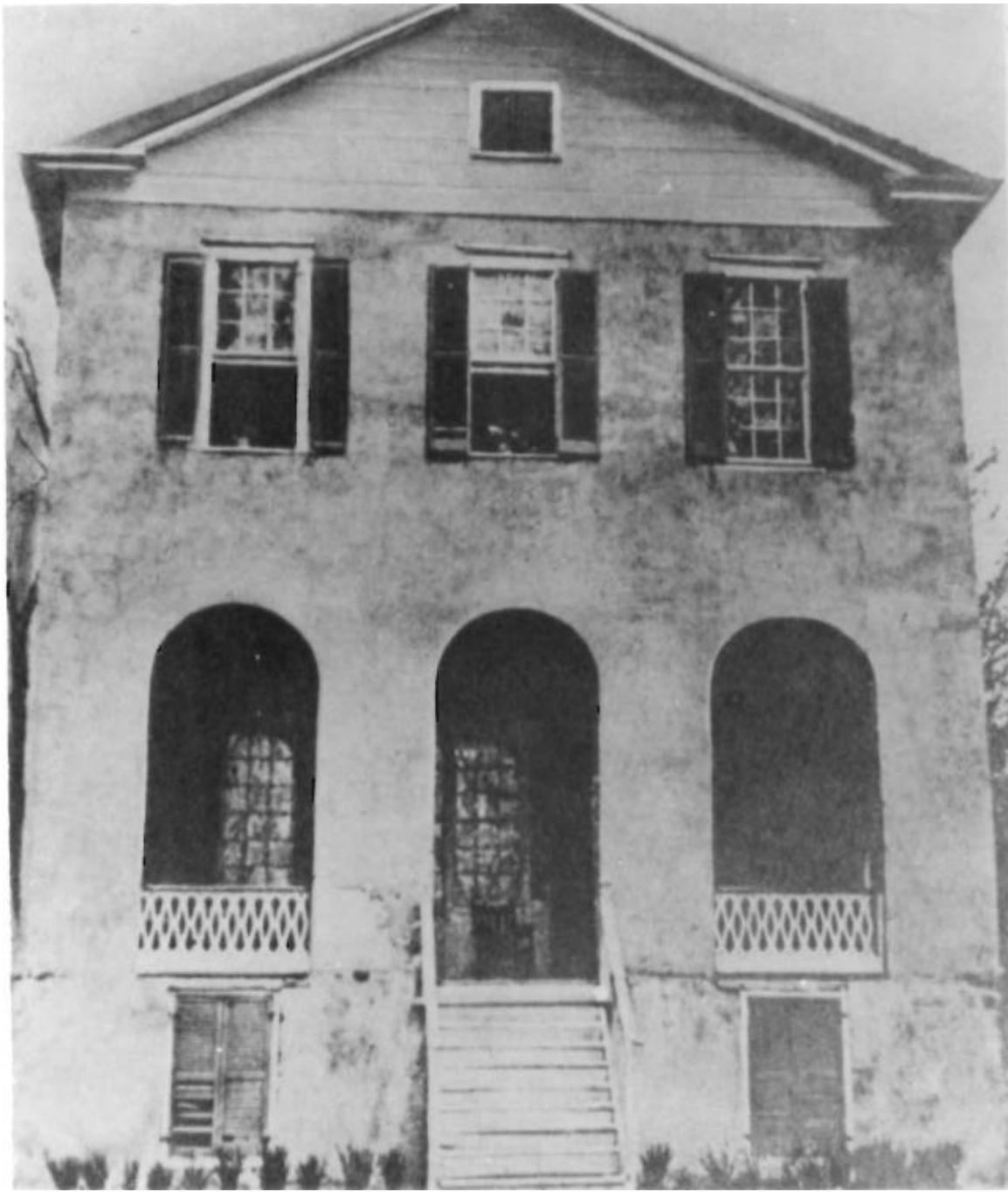
## Palladianism in America

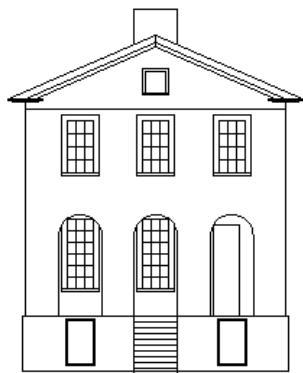


Mount Airy, Richmond County VA

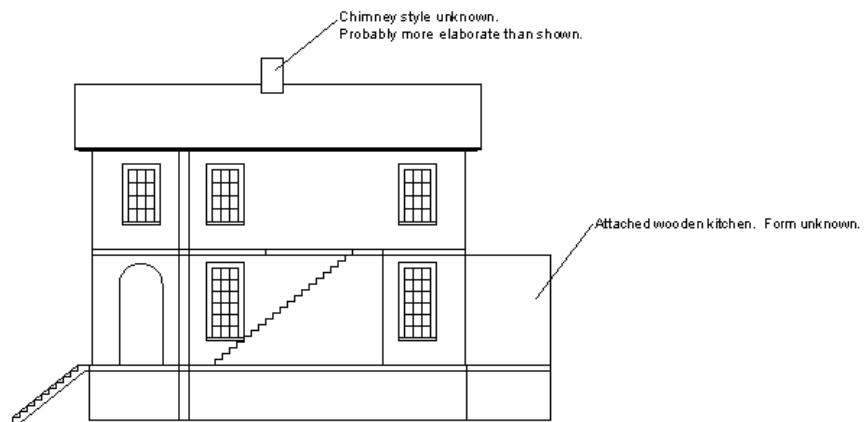
Monticello, image courtesy Mary Ann Sullivan, Bluffton University



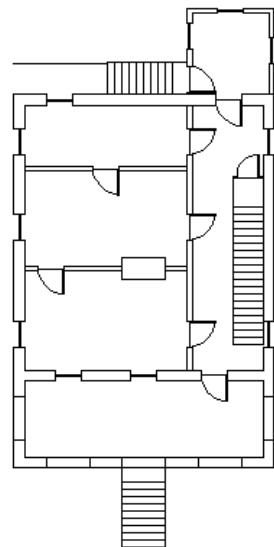




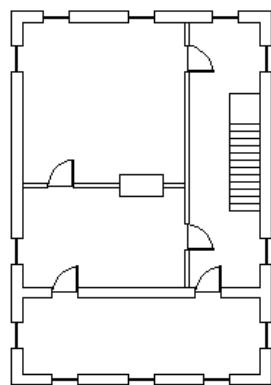
South Elevation (facade)



East Elevation, with some interior details



First Floor



Second Floor

This reconstruction is based principally on the surviving 1905 photograph of Chesterville and on the 1971 plan drawing created with information from Mr. Fay M Collier. The arrangement of rooms, windows, etc. shown in the latter was roughly adhered to, with alterations made as necessary in order to draw the building to scale or where the arrangement shown seemed particularly unlikely.

That said, the size and arrangement of windows, doors, interior walls, etc. is somewhat conjectural, and based partially on comparisons with contemporary or stylistically similar structures.

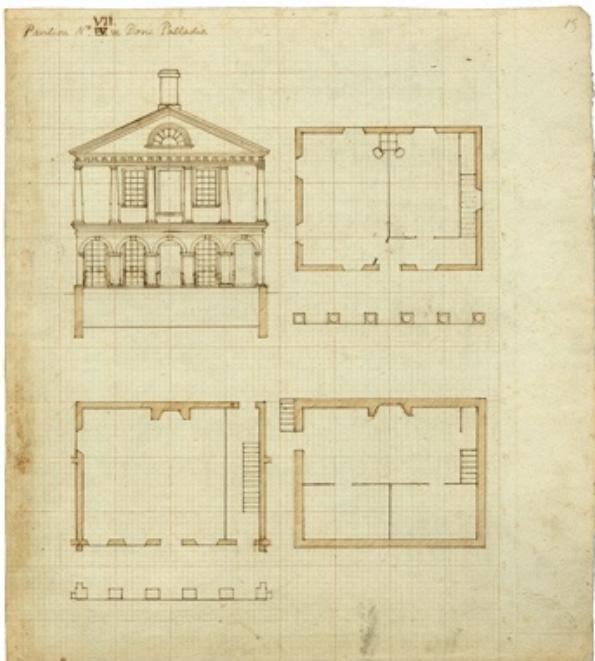
Graham Callaway  
February 2010

# Similar Structures

UVA Pavilion VII



courtesy Mary Ann Sullivan, Bluffton University



courtesy , Special Collections, University of Virginia Library

Berry Hill



**Berry Hill  
Floor Plan**

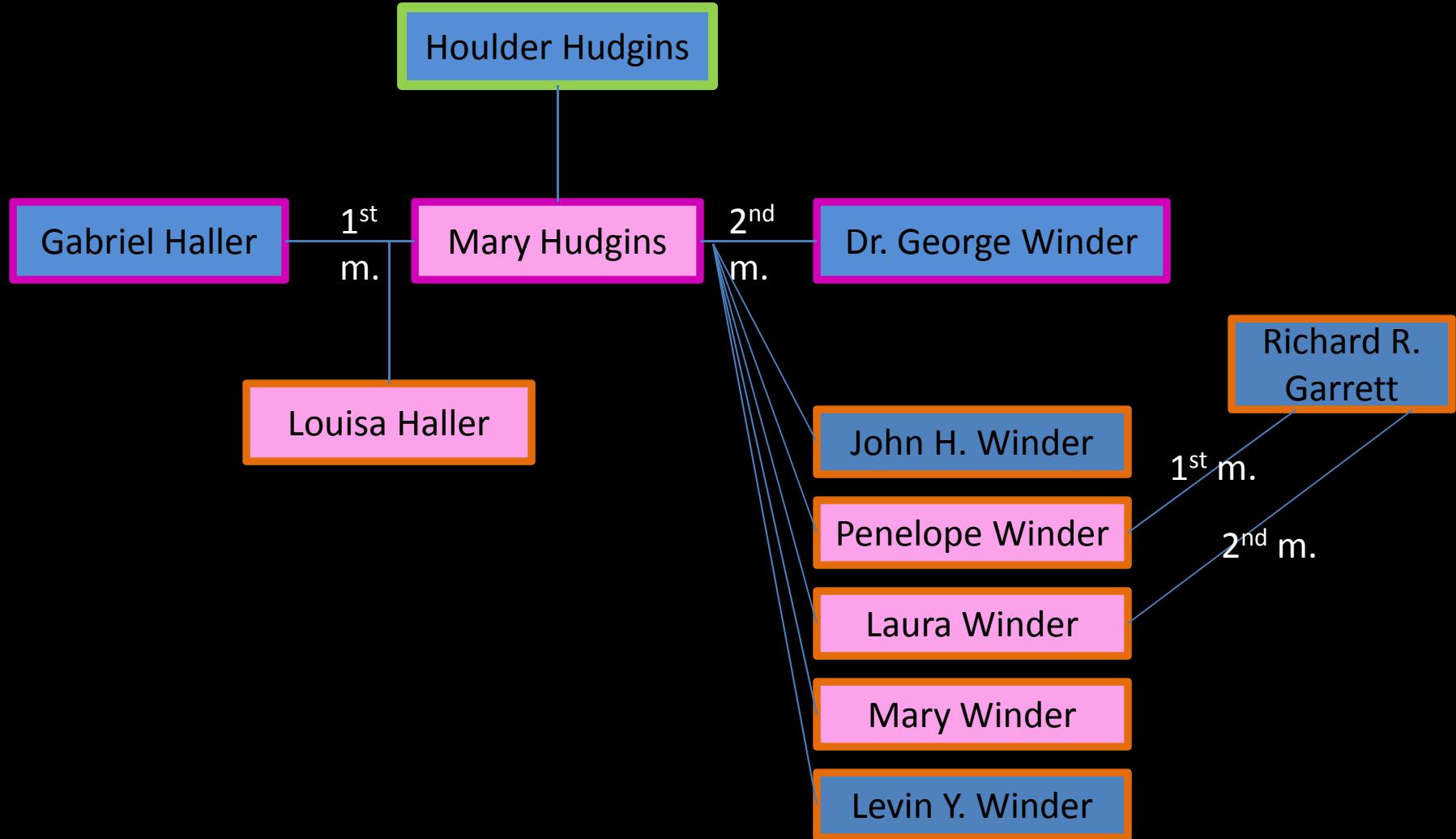


courtesy Robert Nigmond, Realtor in Orange, VA

1802 Deed from George  
Wythe to Houlder Hudgins

232

This Indenture made the Sixth day of December in the year of  
our Lord one thousand eight hundred and two, Between George Wythe of  
the City of Richmond of the one part, and Houlder Hudgins of the  
County of Mathews of the other parts, Nitrofette that you and in  
consideration of Six thousand Dollars paid by the said Houlder Hudgins  
to the said George Wythe, the receipt whereof is hereby acknowledged by  
him, he the said George Wythe hath granted, bargained and sold and by  
this Indenture doth grant, bargain, and sell to the said Houlder Hudgi-  
ns and to his heirs and assigns, all that tract or parcel of land  
called Chesterville situate in the County of Elizabeth City containing  
by estimation seven hundred and fifty Acres except sixtens Acres a  
two thirds of an Acre part thereof formerly sold by Thomas Wy-  
the brother of the said George Wythe to one Thomas Francis on  
tract or parcel of land hereby intended to be sold is Bounded by the  
North Branch of Back River, formerly called old Pogueson River, by  
three lines of the fifty Acres of leasehold land herein after mentioned  
by the lands of Syme Charity School of Mrs. Moore, and Parsons, by  
the lands of Mallory, and by the land herein before said to have  
been sold to Thomas Francis, with all the houses, gardens, orchard  
Marshes, law grounds, Ways, Waters, Woods, and commodities appur-  
tenant to the tract or parcel of land hereby intended to be sold, and  
all the estate, right, title and interest, of him the said George Wythe  
of me and to the same tract or parcel of land with the appurtenances  
and the said George Wythe also doth Assign and transfer to the said  
Houlder Hudgins and to his Assigns the aforesaid fifty Acres of lease-  
hold lands which he doth certain Indenture make, it is witness thereto.



# AMERICAN BEACON

AND

## Virginia and North-Carolina Gazette.

Published three times a week, at \$4 per annum, in advance.

SHELD & ASHBURN, Printers, Publishers and Proprietors.—NORFOLK, VA. SATURDAY, NOVEMBER 12, 1831

{ VOL. XXXIII.—No. 58

**THEATRE.**  
The Tragedy of Hamlet, and the highly amusing Farce of the Wedding Day (collected by our favorite Phillips, for his Benefit) are pieces of such sterling merit, as we think, cannot be otherwise than attractive. We understand the representation of the Danish Prince, by Mr. Barton, is one of his happiest efforts, and is spoken of by those who have witnessed his performance of that character, in terms of the highest commendation, and we certainly hazard nothing in saying, that the interesting Ophelia will be ably supported by our deservedly admired favorite, Mrs. Flynn!

The Farce of the Wedding Day is known to be one of the most attractive, and has drawn overflowing houses in N. York, and other Northern Cities, and we understand Mr. Phillips has never been surpassed in the character of Sir Adam Coste. The pleasing urbanity of deportment and gentlemanly conduct of Mr. Phillips since he has been among us has secured to him a large number of friends in the Borough, and we trust his sterling professional merits, will be remunerated by a fashionable and overflowing House this Evening. METAMORA.

Mr. Gray of Southampton, [who was

written essay against the abominable system of military slavery which the people are now striving to laugh out of countenance, entitled "Remarks on the Militia System, by a Poor Man's Son"—with this appropriate motto, "They bind heavy burdens, and grievous to be borne, and lay them on men's shoulders; but they themselves will not move them with one of their fingers;" Matt. xxiii, 4.—The arguments of the writer are sound and unanswerable.—[N. Y. Eve. Jour.

**Remarkable Preservation.**—A correspondent in Grafton informs us of a most remarkable and Providential instance of preservation of life in that town, on Saturday last. Roland Hapgood of Shrewsbury, a workman on the steeple of the new meeting house, now erecting in Grafton, in attempting to get from a staging seventy feet from the ground to one over his head, lost his balance and fell. He first struck upon the roof of the meeting house, 30 feet from the place where he had been standing, from thence to the eaves of the house was 14 feet, from which he was precipitated to the ground, a further distance of thirty seven feet. Wonderful as it may seem, he escaped without any serious injury except a dislocation of the right shoulder. On Monday he was able

MARRIED, on Tuesday evening last, by the Rev. Mr. Smith, Mr. WILLIAM TERO, to Miss SUSAN HARMON, both of this Borough.

—, on Tuesday evening, 8th Inst. at Chesterville, Elizabeth City Co.—Mr. RICHARD R. GARRETT of Williamsburg, to Miss PENELOPE WYNDER, daughter of Mrs. Wynder,

—, in St. John's Chapel, New York, on the 22d Oct. by the Right Rev. Bishop Onderdonk, ARTHUR L. MAGEN-NIS, Esq. of St. Louis, Missouri, to Miss MARY MCREA, youngest daughter of Col. William McRea, of the U. S. Army.

DIED, on Thursday at the residence of her Son, on Church Street, near Fort Harbour, Mrs. SARAH CARTER, aged 67 years.

(Communicated.)

DIED, on Wednesday the 9th Inst. at the residence of John Hargrove, (Gesport) JULIA B. NORFLEET, aged 22 years. The deceased was painfully afflicted with rheumatism for the last ten years; and for the last three days her sufferings were extremely painful. But having for years devoted herself to the subliae precepts of the gospel, she was prepared, not only to endure her

## SHIP NEWS.

PORT OF NORFOLK AND PORTSMOUTH

FROM THE  
BEACON OFFICE NEWS ROOM BOOK

Thursday, Nov. 10.

### ARRIVED.

Schr. Rising Star, Sargent, New Orleans, 23 days, with merchandise to J. M. Armitage and Roy & Gwathmey.

Packet Schr. Juno, Pieroff, New York, 23

days, with merchandise to W. Rowland, White &

W. H. Johnston, Henop & Howland, Dick-

son & C. Thorburn, R. S. Hutchings & Co. J. H.

Rowland, D. Hartman, Plume & Co. J. Hopkins,

M. A. Doyle, Capron & Tenstall, Maidland, Ken-

nedy & C. J. Dennis & Souter & Bertrand, C.

Bright, F. Pearce, J. T. Flinn, Dillington, V.

Iley, N. Ber-

nett, Col. J. Scott, Schr. Jo-

hnston, with stores.

Schr. H. with count-

Steamer, wi-

thold, R. S. Hutchings & Co. J. H.

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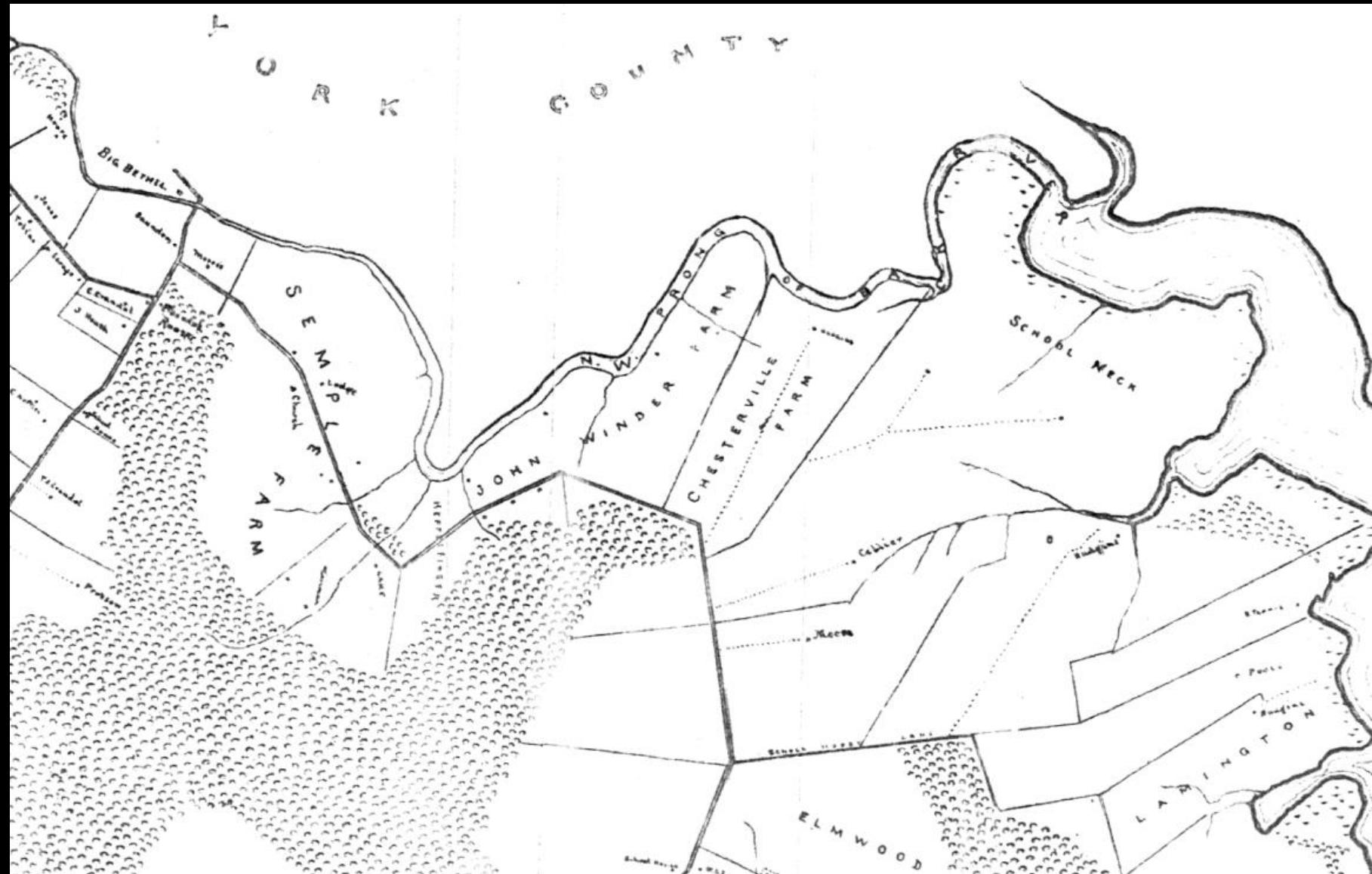
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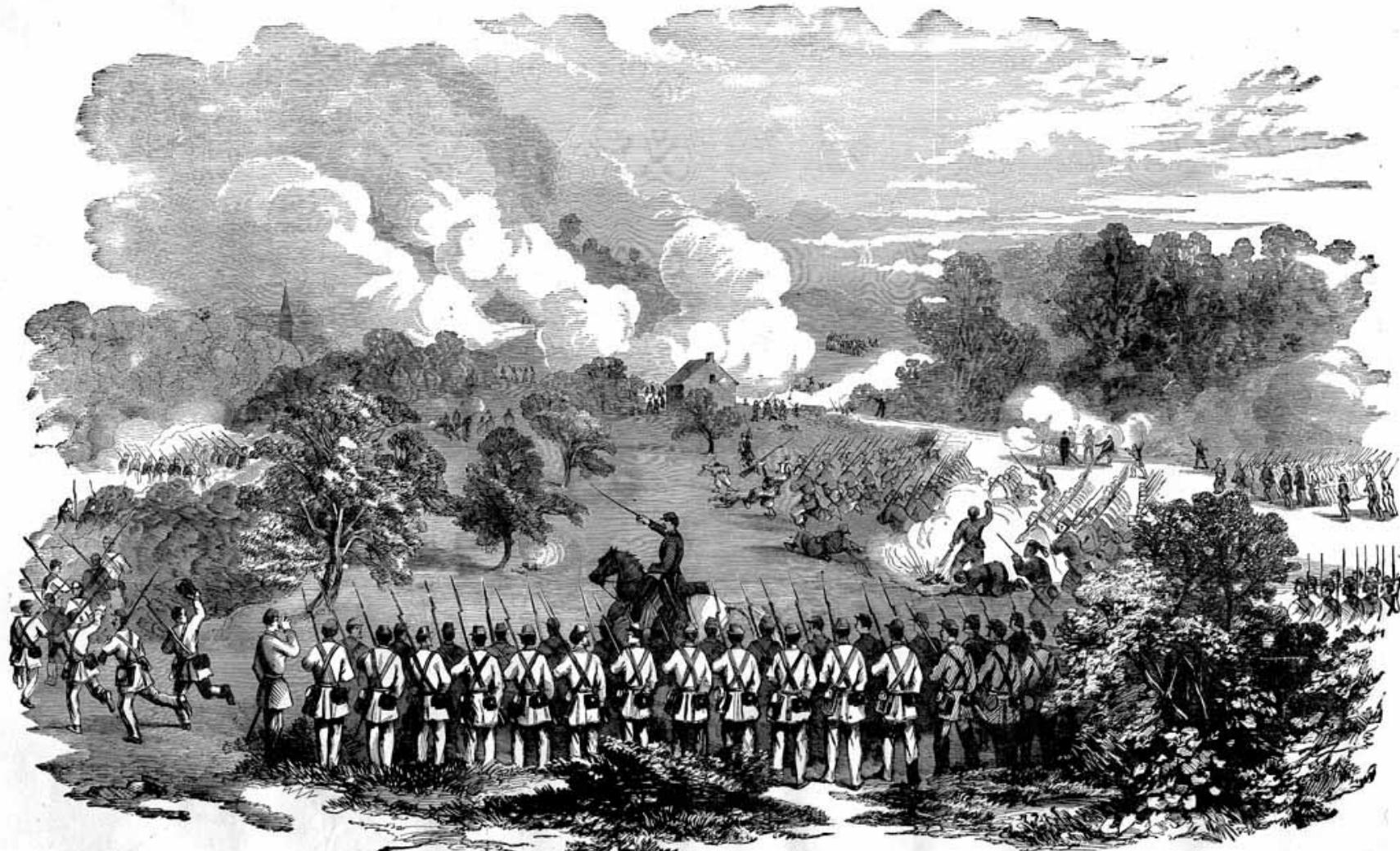
Winder ~ Garrett Cemetery



Section of Semple Map showing John Winder's Farm, Chesterville, and Lamington which was Robert S. Hudgins' home



Section of a map showing the progression of the Union Army from Hampton through Big Bethel and on to Howard's Bridge which crossed the Poquoson River.



Duryee's Zouaves Skirmishing.

Col. Townsend Deploying Two Companies to Act as Skirmishers.

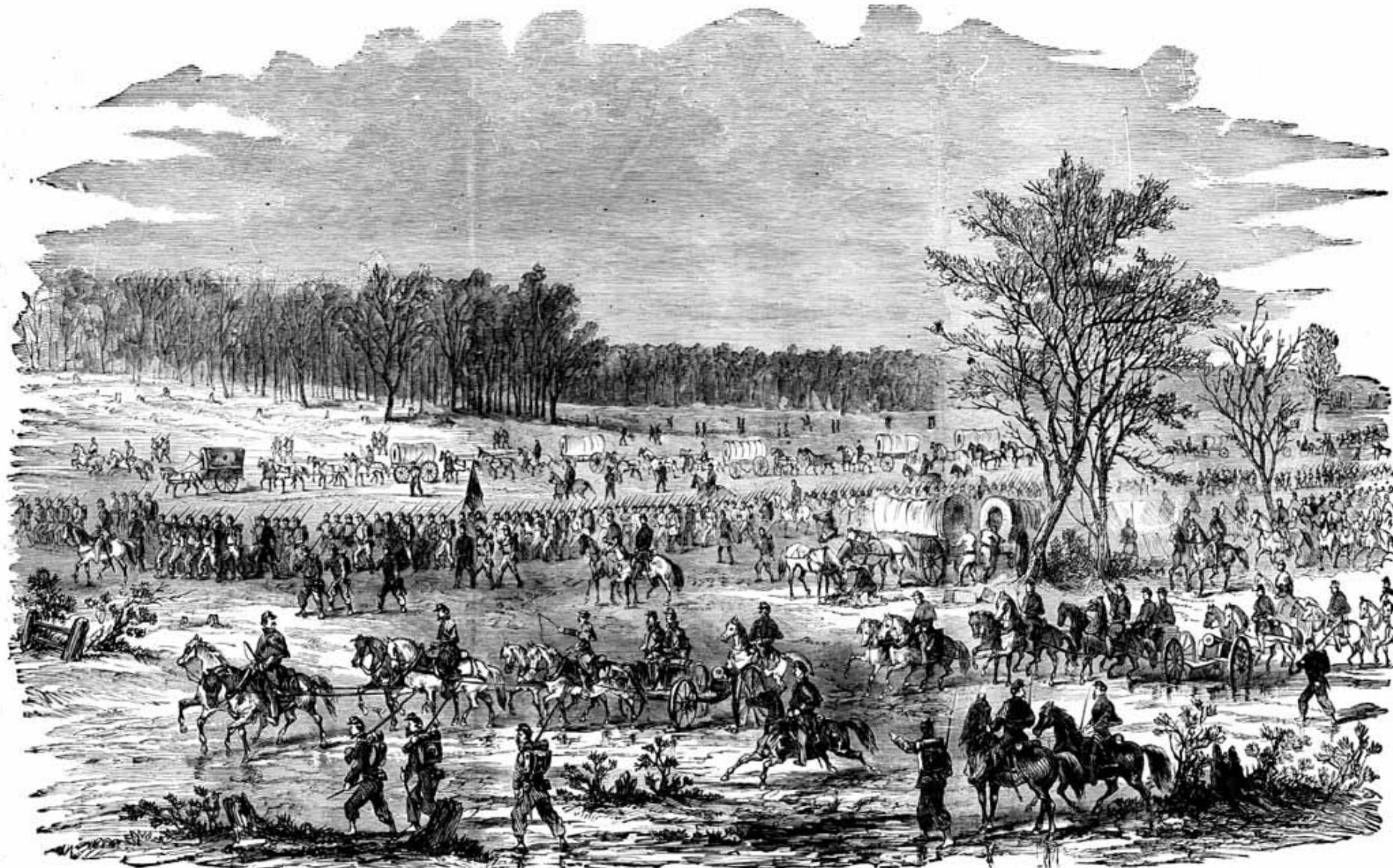
The Steuben Regiment's Assault—Col. Biddle.

Charge of Duryee's Zouaves. Three-gun Battery, Lieutenant Greble.

Albany Regiment, Col. Townsend, in Line of Battle. First New York, Col. Allen. Second New York, Col. Goss.

THE FIRST BATTLE OF THE WAR FOUGHT AT BIG BETHEL, JUNE 10TH, 1861.—FEDERALS UNDER

'AL PIERCE; CONFEDERATES UNDER GENERAL MAGRUDER.

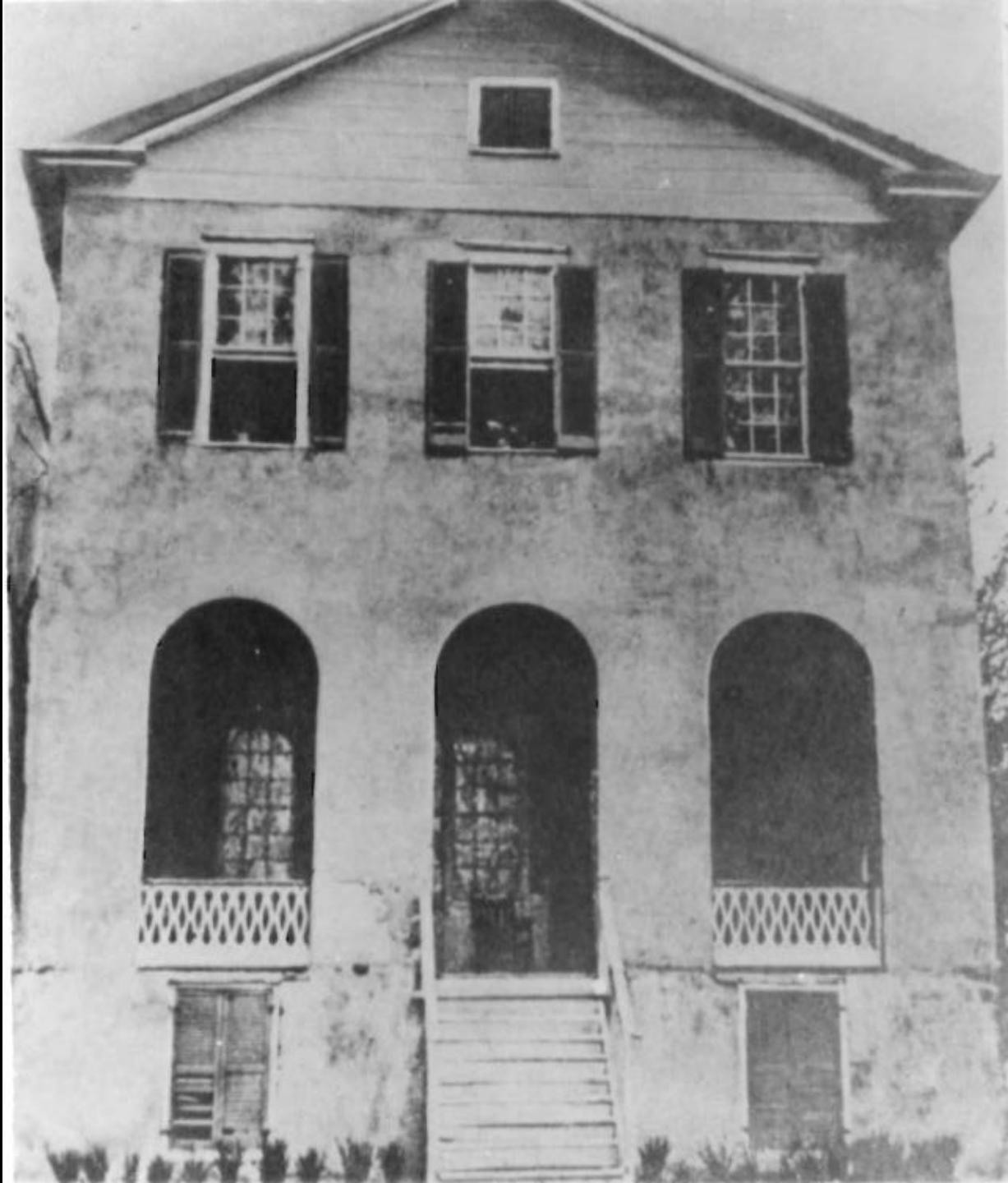


THE FEDERAL ARMY, UNDER GENERAL McCLELLAN, BETWEEN BIG BETHEL AND YORKTOWN, APRIL 6TH, 1862.  
FROM A SKETCH BY E. S. HALE.

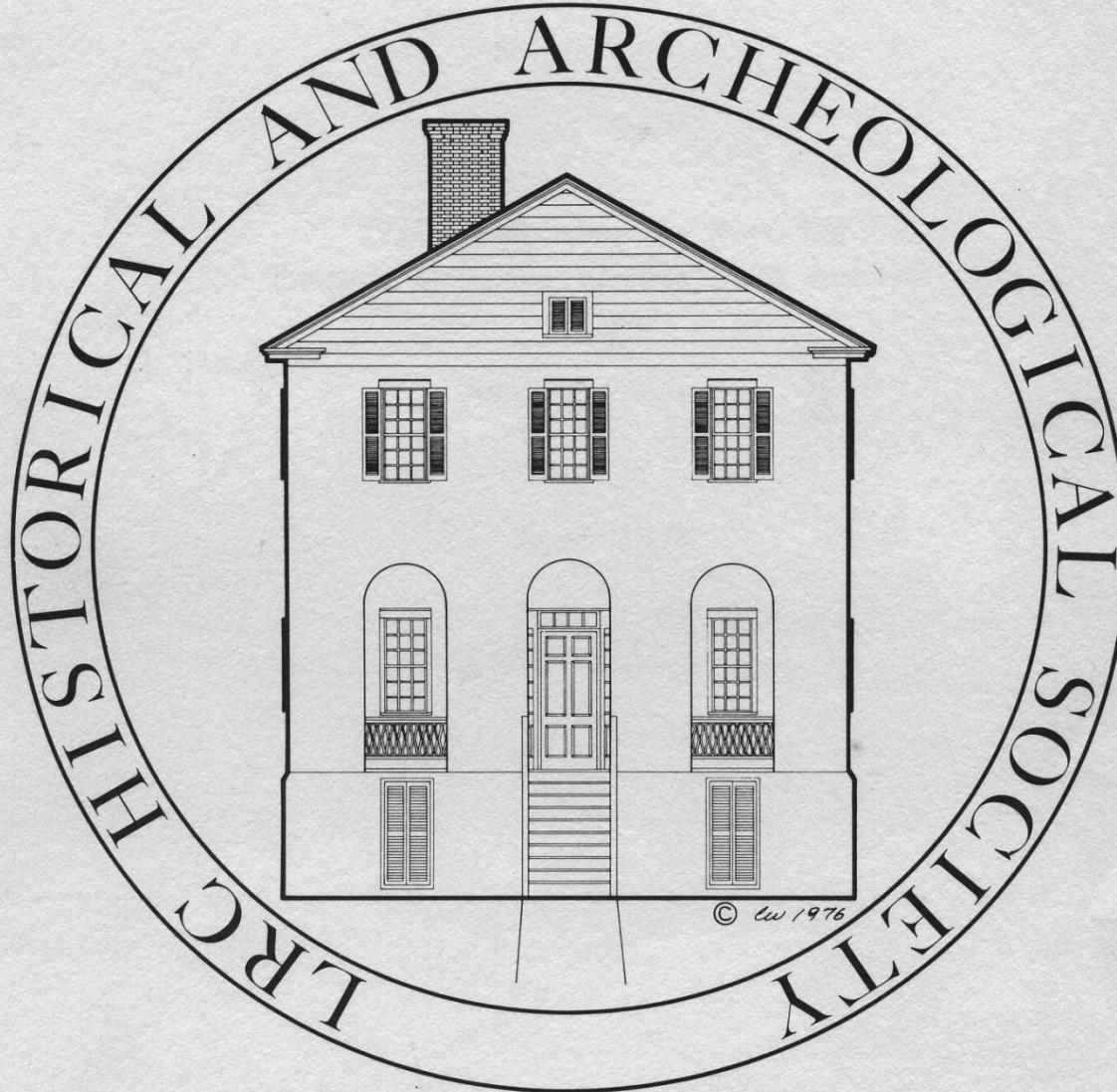


Robert S. Hudgins II

*Recollections of an Old  
Dominion Dragoon*









Chesterville Plantation, Hampton VA

Wharf &  
Granary

ANCESTRAL HOMESITE

GEORGE WYTHE HOMESITE

Brick Kiln

Wilder Cemetery

0 105 210 420 630 840  
Feet

NASA  
L-75-8436





English Delftware



Fork



Glass Bottle Base



Teapot Lid

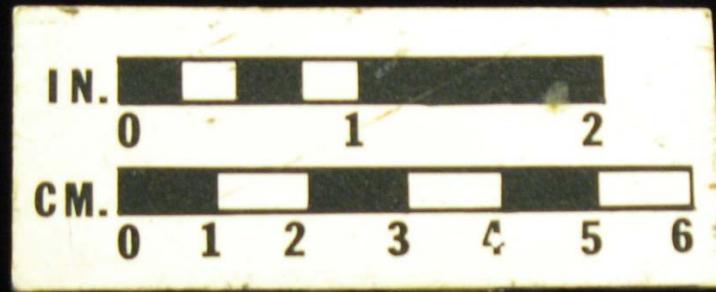


Pan



Brass  
Button

Pins

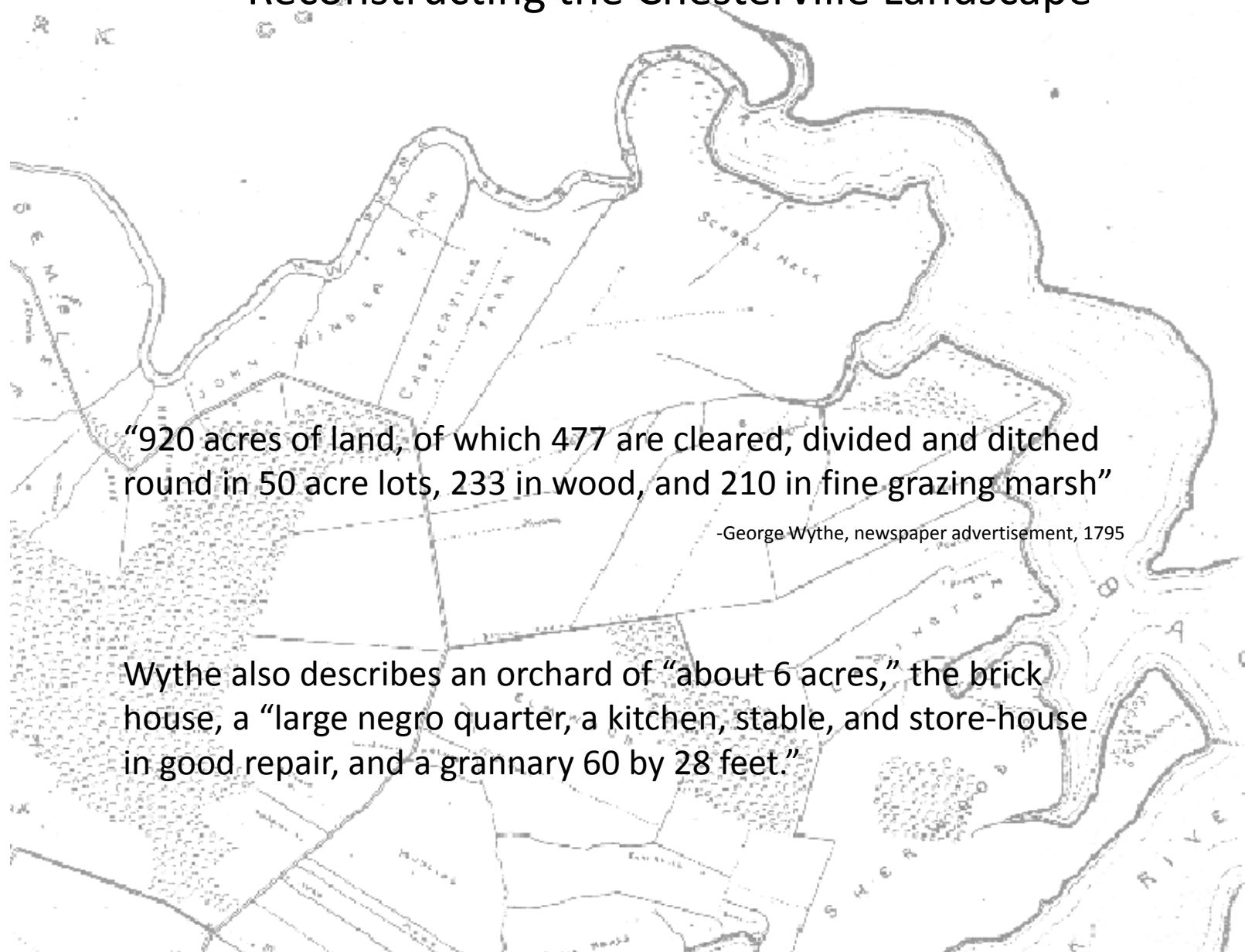


Candlestick  
Base

NASA  
L-76-4345



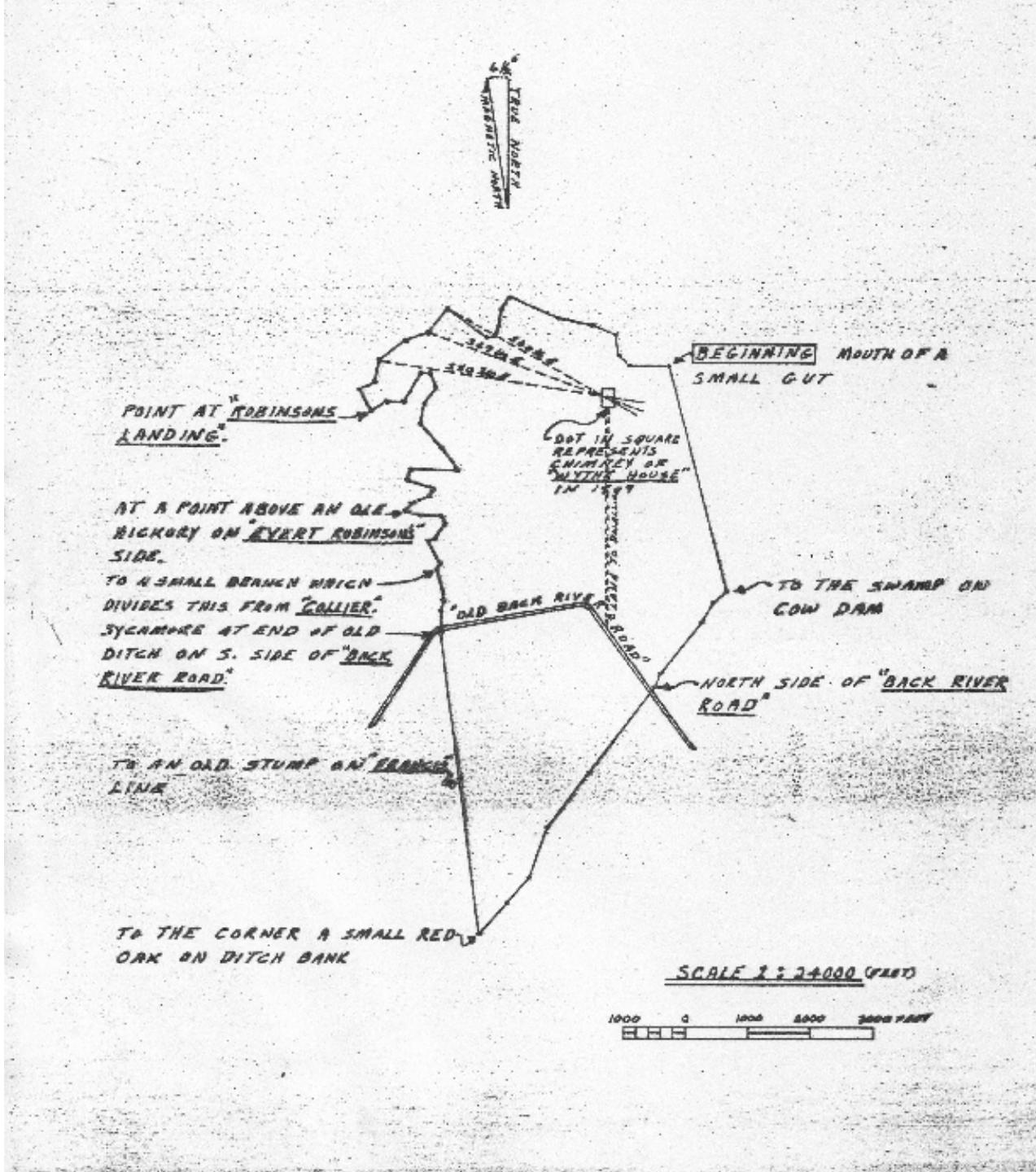
## Reconstructing the Chesterville Landscape



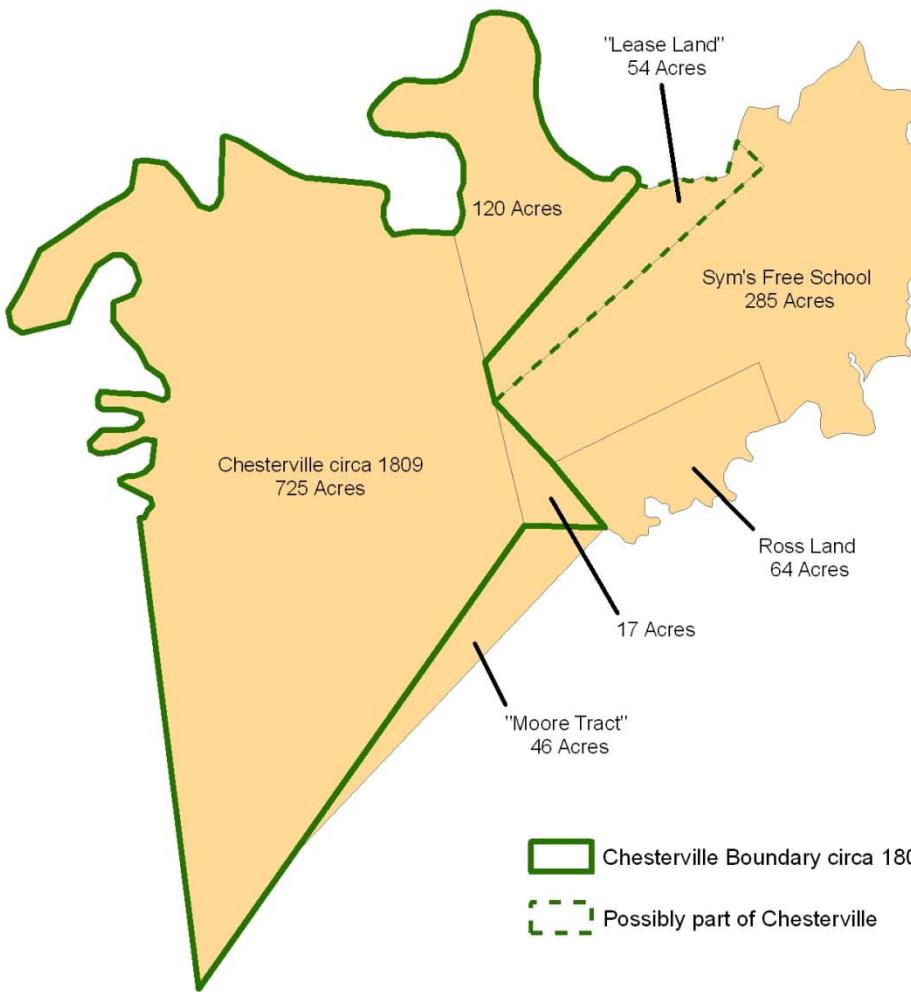
"920 acres of land, of which 477 are cleared, divided and ditched round in 50 acre lots, 233 in wood, and 210 in fine grazing marsh"

-George Wythe, newspaper advertisement, 1795

Wythe also describes an orchard of "about 6 acres," the brick house, a "large negro quarter, a kitchen, stable, and store-house in good repair, and a grannary 60 by 28 feet."



## The Boundary of Chesterville Plantation, circa 1800



# What is LIDAR?

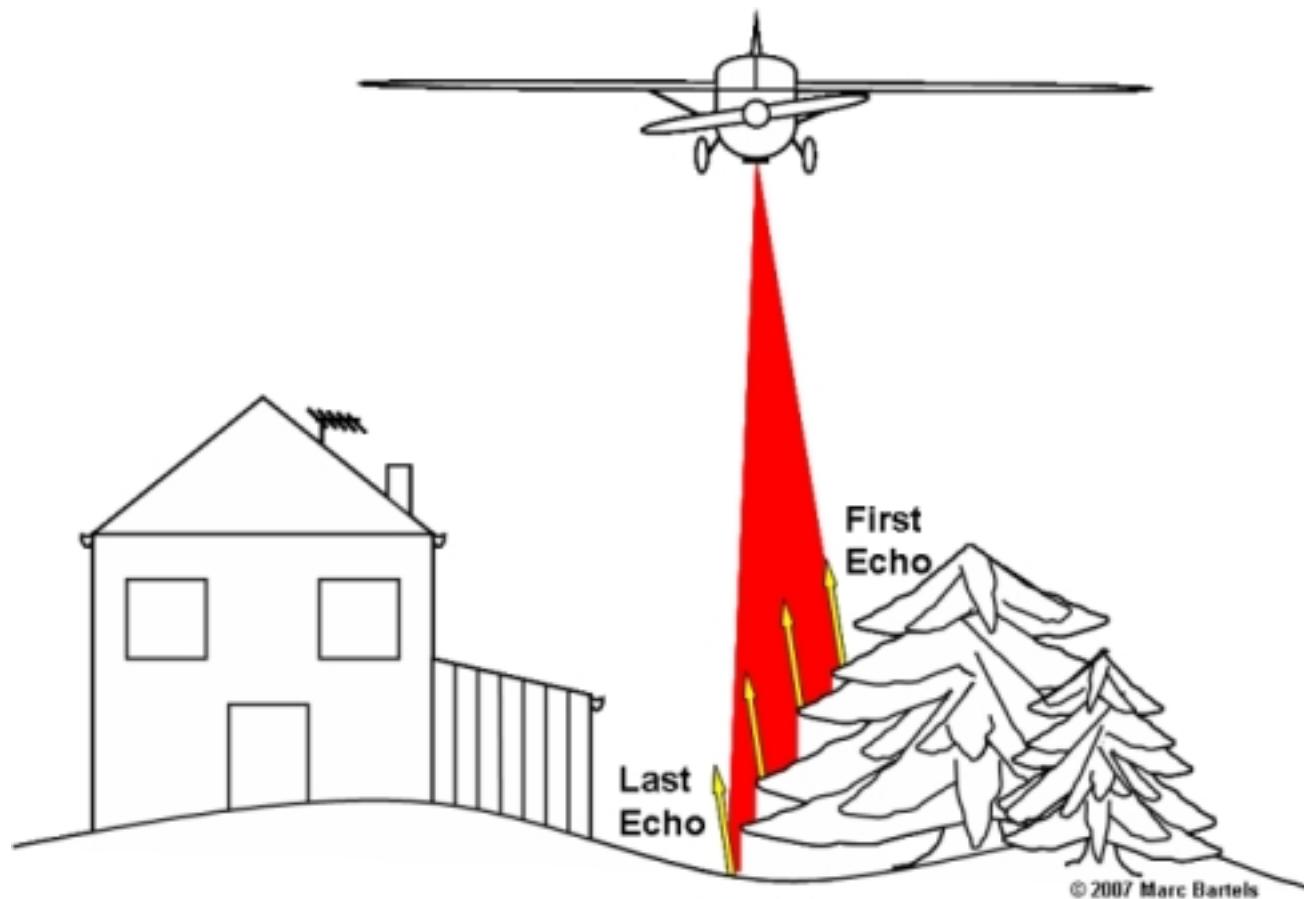
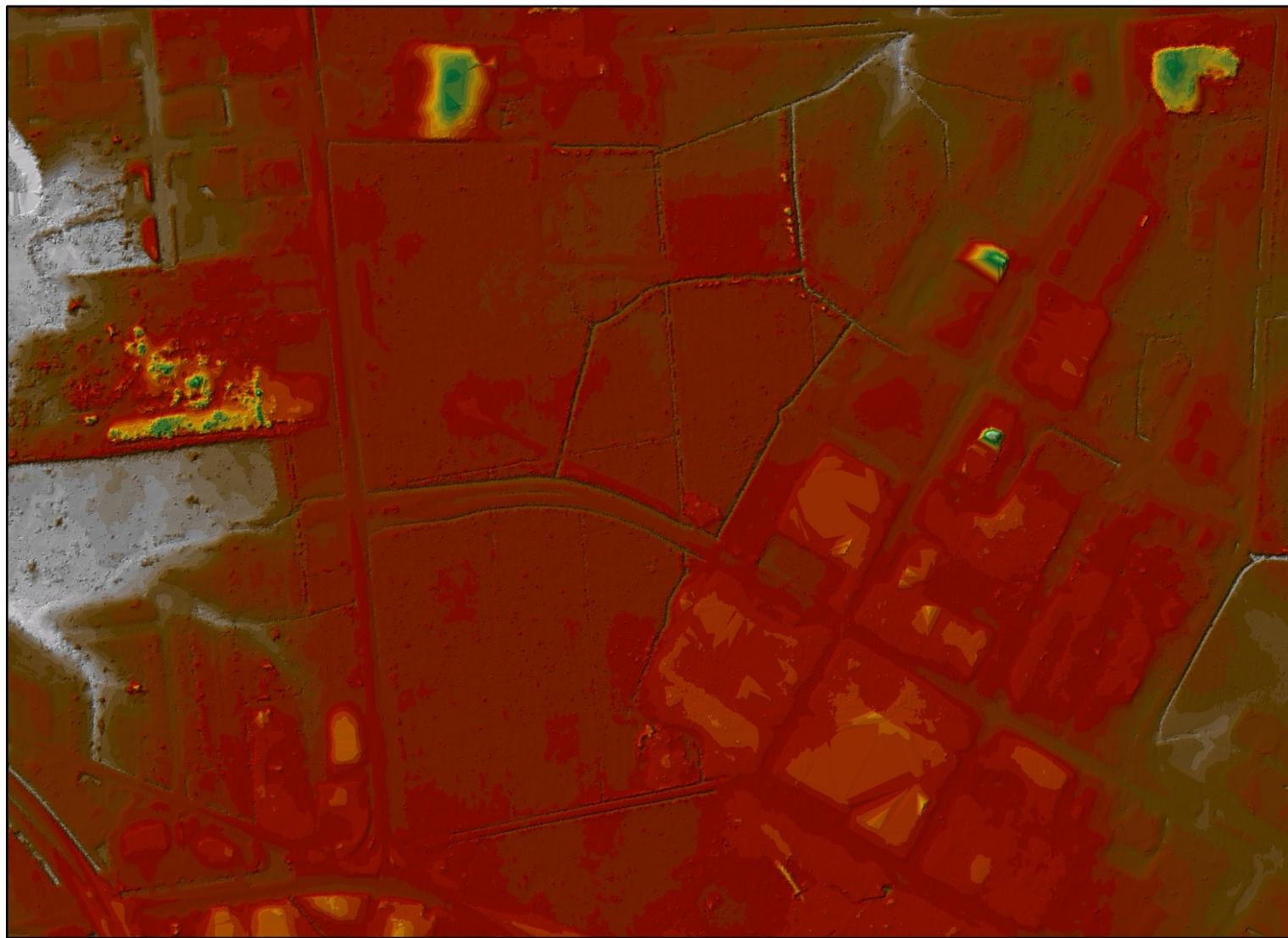


Image from Bartels and Wei,  
<http://www.cvg.rdg.ac.uk/projects/LIDAR/index.html>

LIDAR Elevation Model of Part of NASA Langley showing Ditches

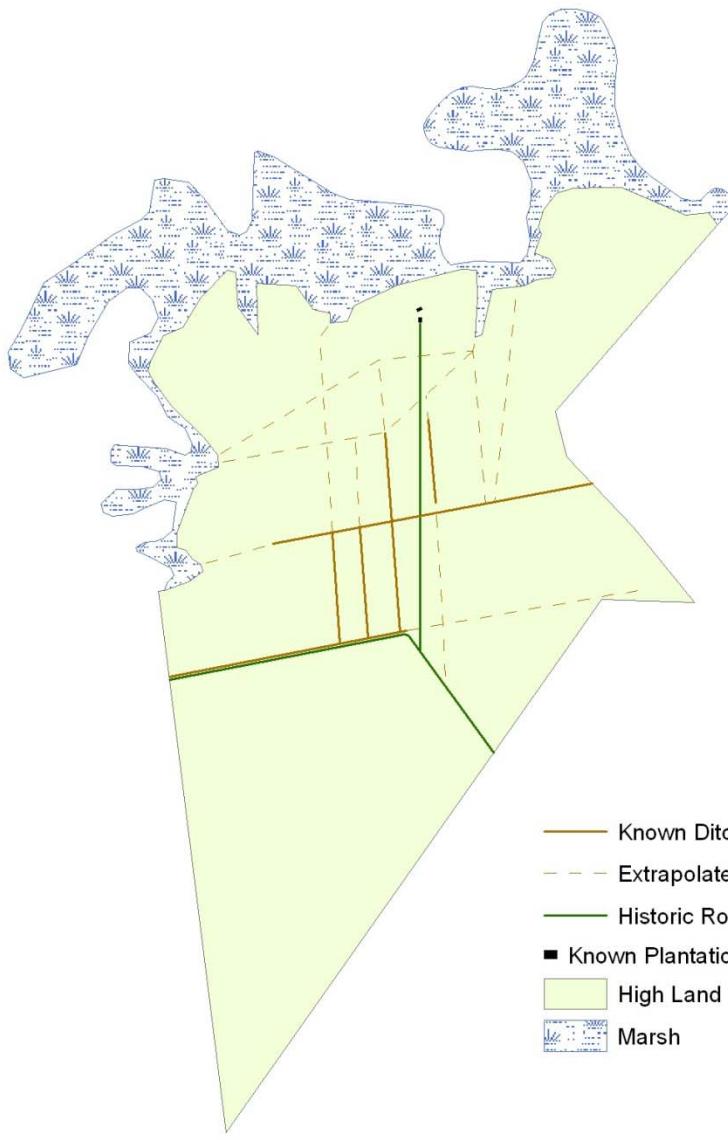




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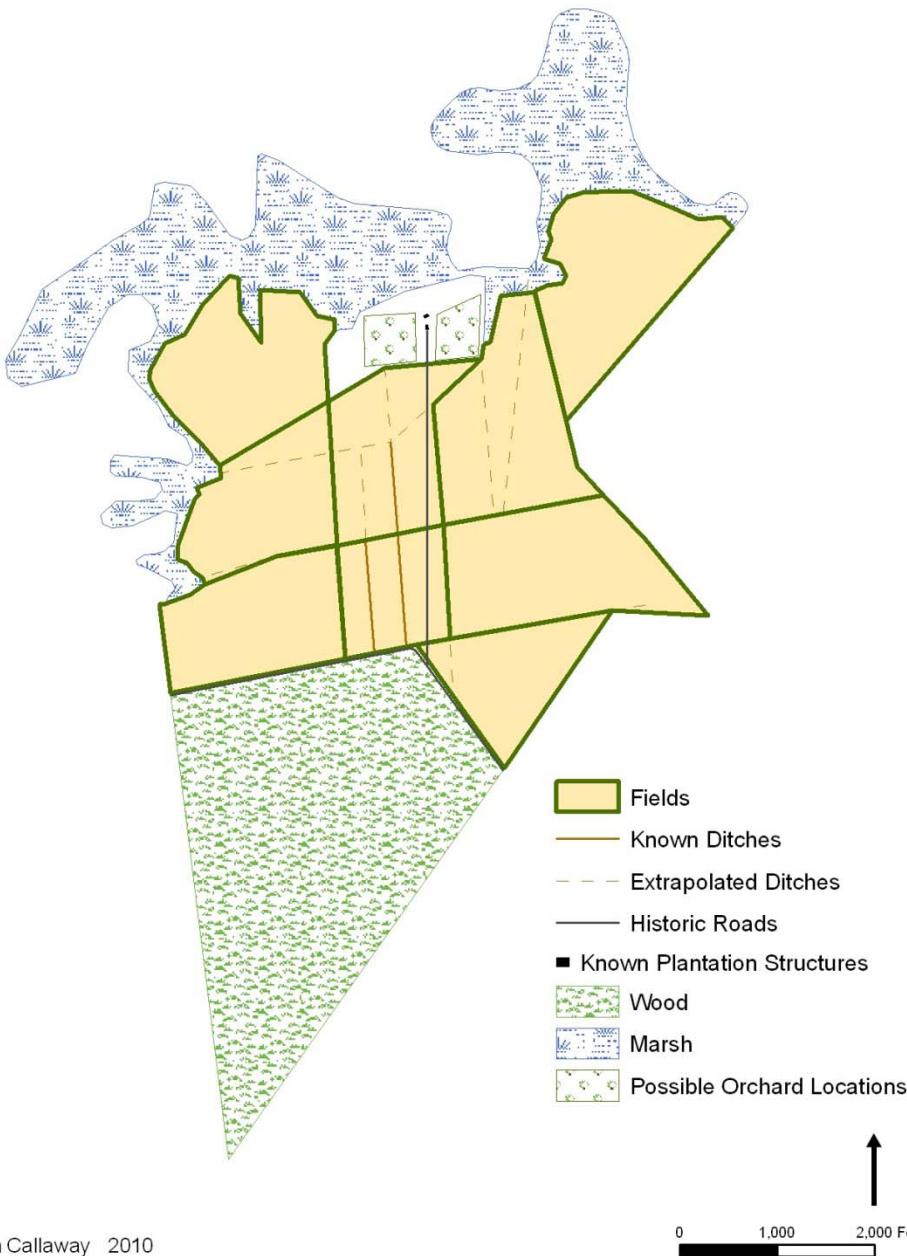


# Ditches on the Chesterville Plantation Land



<b>Wythe's Numbers</b>	<b>My Numbers</b>
920 acres total	862 acres total
477 cleared	448 cleared
233 in wood	222 in wood
210 in marsh	130 in marsh

## A Possible Arrangement of Fields at Chesterville Plantation



Want to learn more?

<http://crgis.ndc.nasa.gov/historic>

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