

#13

ON BIBLIOGRAPHY

001442

HISTORIC STRUCTURES REPORT, PART III
Architectural Data Section on

5

BOCOCK-ISBELL STABLE

By: Orville W. Carroll, Architect

Appomattox Court House NHP

August, 1964

HISTORIC STRUCTURES REPORT

PART III

ARCHITECTURAL DATA SECTION

ON

BOCOCK-ISBELL STABLE

Appomattox Court House National Historical Park
Appomattox, Virginia

Prepared by
Orville W. Carroll
Architect
August 1964

for

United States Department of the Interior, National Park Service
Eastern Office, Design and Construction
Division of Architecture

HISTORIC STRUCTURES REPORT

PART III

ARCHITECTURAL DATA SECTION

ON

BOCOCK-ISBELL STABLE

Appomattox Court House National Historical Park

A P P R O V A L S H E E T

RECOMMENDED

Grover E. Steele

Superintendent

Date By (H30) memo to Reg. Director
9/21/64

Robert G. Hall
Chief, EODC

Date 8-6-64

APPROVED

Albert Cox
Regional Director, Southeast Region

Date 9-28-64

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I. FOREWORD

The reconstruction of the Bocock-Isbell Stable was effected as the result of a dual function, to complete the exterior outbuildings complex of the Bocock-Isbell House and to afford a place for concealing the Superintendent's automobile, thus removing from the scene another modern intrusion.

The erection of the stable leaves the well structure and the exterior chimney block on the east wall of the summer kitchen, the last two significant architectural features that we have knowledge of, to be reconstructed on this property.

Orville W. Carroll
Architect
August 1964

II. HISTORICAL DATA

A. The Master Plan

The Bocock-Isbell Stable is indicated on the Base Map of the Master Plan as building 13c. Its approximate location is shown east of the Kitchen and adjacent to the Bocock-Isbell Lane.

B. Historic Structures Report

A Part I Report containing three sections covering information pertinent to the Administrative, Historical and Architectural Data was written by Park Historian James N. Haskett, March 1961. This is the only report to date, written on the subject of the Bocock-Isbell Stable.

III. ARCHEOLOGICAL DATA

A brief report written by Archeologist Edward Larrabee, April 1961, describing the on-site excavations for the location of the Bocock-Isbell Stable foundations is found on pages 138-39 of his report "Archeological Exploration of the Court House Building and Square," April 1961. The data given in this report was recorded on the "Cumulative Archeological Master Plan" drawn by J. W. Walker, 1962. The location of the excavation trenches as scaled from this drawing, compare favorably with the author's method of using the aerial photograph of ca. 1937, with an established scale of one inch equals 50 feet, in locating the ground position of the stable. Although Larrabee was unable to locate any evidence of the stable foundation, his method of plotting its location by means of triangulation was just as effective a method.

IV. ARCHITECTURAL DATA

The overall size and design of the Bocock-Isbell Stable was determined by a study of a photograph showing the structure as it existed about 1937 (see Illustration No. 1). The original building was basically constructed from logs with weatherboarded gable ends and a wooden shingle roof. Evidence based on the memory of elderly residents from the Appomattox area, as cited in the Part I, Historic Structures Report, suggests that lean-to sheds were built against the north and south walls of the stable. This feature is not an uncommon sight in Virginia. However, if any lean-to's ever existed, they were gone by ca. 1937, the time our photograph was taken. One local resident stated that the stable was "...covered with siding..." (see Haskett, page 9, lines 8-9). This was the approach taken by the author in the design of the building, consequently we have a frame building with walls covered entirely by weatherboarding.

The only definite design features obtained from the photograph of ca. 1937, were the two west doors; one door in the loft and the other opening into the ground floor room. Openings do not appear in the north wall, and it was assumed the south wall was similar. Openings were probably omitted because of the difficulty in framing them in a log constructed building. The door openings in the east end wall are conjectural, the design of the two lower

doors dictated by the use of the stable as automobile storage.

The contract to build the stable was awarded to J. E. Sears and Company, Inc. of Appomattox, Virginia. Construction work started November 26, 1963 and was completed the day before the termination of the contract on March 26, 1964. Final inspection of the project was by the author who acted as project supervisor, the Contractor, Robert A. Sears and Superintendent of the Park, Grover E. Steele.

The stone masonry work was done by C. M. Worsham of Madison Heights, Virginia. The concrete floor slab was poured and finished by McGuire and Johnson of Lynchburg, Virginia.

Additional information can be obtained by a study of the working drawings, specifications and progress photographs included as part of this report. Not all of the progress photographs taken were included in this report. The balance of the photographs are in the files at Appomattox Court House National Historical Park and may be referred to at any time.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FACE SHEET FOR COMPLETION REPORT

Park	APPOMATTOX COURT HOUSE NATIONAL HISTORICAL PARK	Region	Southeast	Work Order No.	B-14
Location in Park	Village Area	State(s)	Virginia	Fund Symbol	14X1035
		County or Counties	Appomattox	Year Programmed	1963
☒ Contract and/or	☐ Day Labor			PCP No.	B-9-2
Work Order Title	Reconstruction Bocock-Isbell Stable			Master Plan No.	NHP-ACH-3019B
				Master Plan Corrected By	
				As Built Drawings By	
				Date Started	11-21-63
				Date Completed	3-18-64
DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)				TOTAL COSTS (For completion by FFO)	
Isbell Stable (Building No. 13C) 100.6 Buildings, Historic					
5,847.12				6,782.66	
TOTAL				\$ 6,782.66	

DISTRIBUTION	THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED			
No.	To	DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES		
3	SERO FFO	Submitted	<i>Grover E. Steele</i>	Title: Superintendent
	Budget	By: Grover E. Steele		Date: 6-15-64
	Program	Approved		Title: _____
1	Appomattox	By: _____		Date: _____
COSTS VERIFIED		J. J. Baer	Title: _____	Date: 6/26/64
BY		Regional Accountant	Regional Accountant	

COMPOSITION OF COST FOR COMPLETION REPORT

Work Order Number

D-14

Fund Symbol

14X1035

Park

Appomattox Court House NH Park

Region

SE

Year Programmed

1963

Location in Park

Village Area

Work Order Title

Reconstruction Bocoock - Isbell Stable

COMPOSITION OF COST

COSTS CHARGED TO FUNDS ALLOTTED TO FIELD FINANCE OFFICE

(1) Personal Services.....	\$	
(2) Travel.....		
(3) Contract Work	5,847.12	
(4) Supplies and Materials.....		
(5) Other Direct Expenses.....		
(6) Operation of Equipment.....		
(7) Depreciation of Equipment.....		
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment		
(10) Other Costs:		
(11) TOTAL COST CHARGED TO FFO FUNDS	xxxxxxxxxxx	\$ 5,847.12

OTHER COSTS:

(12) PS&S, AP, and/or Facilitating Services @ 16 %.....	\$ 935.54	
(13) Inventory and Other Non-Fund Costs		935.54
(14) GROSS WORK ORDER COSTS	xxxxxxxxxxx	\$ 6,782.66
LESS:		
(15) Residual Value of Construction Equipment on Line 8.....	\$	
(16) Other Credits		
(17) NET COST OF FIXED ASSETS	xxxxxxxxxxx	\$ 6,782.66

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

APPOMATTOX COURT HOUSE
NATIONAL HISTORICAL PARK

(Park)

Check One:

Monthly
Estimate

Final
Estimate

☐
☒

L U M P S U M C O N T R A C T

ESTIMATE NO. Four (4)	FOR (period) March 1964	DATE March 26, 1964
CONTRACT NO. 14-10-0131-1179	COMPLETION DATE March 20, 1964 (corrected)	EXTENDED DATE - - -
CONTRACTOR J. E. Sears & Company, Inc., Appomattox, Va.		ORIGINAL CONTRACT \$ 5,695.00
PROJECT Reconstruct Bocoock-Isbell Stable		CHANGE ORDERS* \$ 152.12
LOCATION Village Area		TOTAL CONTRACT \$ 5,847.12

DESCRIPTION	COST BREAKDOWN	PERCENT COMPLETE	VALUE	REMARKS
Excavating-Grading-Site Work		100	100.00	Job Completed
Concrete		"	444.60	" "
Masonry		"	278.05	" "
Structural Steel		"	322.45	" "
Carpentry & Millwork		"	3,702.40	" "
Hardware	125.00	"	277.12	" "
Painting		"	300.00	" "
Electrical		"	247.50	" "
White Control		"	75.00	" "
Miscellaneous Items		"	100.00	" "
Change Order No. 1	152.12			
	31	7575		
TOTAL CONTRACT PRICE	\$5,847.12	100	\$5,847.12	

RECOMMENDED (Project Supervisor)

Orville W. Carroll
Orville W. Carroll

APPROVED (Contracting Officer)

Grover E. Steele
Grover E. Steele, Supt.

DATE

3-26-64

SUMMARY

TOTAL TO DATE.....	\$5,847.12
LESS RETAINED AMOUNT.....	
NET.....	5,847.12
LESS PREVIOUS PAYMENTS.....	4,315.71
LESS LIQUIDATED DAMAGES.....	
DUE THIS ESTIMATE.....	
% COMPLETED TO DATE:	1,531.41

DATE	PROJECT	LOCATION
EXTENDED DATE	CONTRACT NO.	
ORIGINAL	CONTRACTOR	
CHANGES		
Increase in Hardware allowance: Change Order No. 1 \$152.12		

DISTRIBUTION:

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FACE SHEET FOR COMPLETION REPORT

Park	APPOMATTOX COURT HOUSE NATIONAL HISTORICAL PARK	Region	Southeast	Work Order No.	B-14
Location in Park	Village Area	State(s)	Virginia	Fund Symbol	14X1035
		County or Counties	Appomattox	Year Programmed	1963
☒ Contract and/or	☐ Day Labor			PCP No.	B-9-2
Work Order Title	Reconstruction Bocock-Isbell Stable			Master Plan No.	NHP-ACH-3019B
				Master Plan Corrected By	
				As Built Drawings By	
				Date Started	11-21-63
				Date Completed	3-18-64
DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)				TOTAL COSTS (For completion by FFO)	
Isbell Stable (Building No. 13C) 100.6 Buildings, Historic					
5,847.12				6,782.66	
TOTAL				\$ 6,782.66	

DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES			
No.	To	Submitted	Title:	Date:	
3	SERO FFO	By: <i>Grover E. Steele</i>	Superintendent	6-15-64	
	Budget	By: Grover E. Steele			
	Program	Approved	Title:	Date:	
1	Appomattox	By:			
COSTS VERIFIED		BY: <i>J. J. Baer</i>		Date: 6/26/64	
		Regional Accountant		Regional Accountant	

COMPOSITION OF COST FOR COMPLETION REPORT

Work Order Number

D-14

Fund Symbol

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Appomattox Court House NH Park

Region

SE

Year Programmed

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Reconstruction Bocock - Isbell Stable

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(2) Travel.....		
(3) Contract Work	5,847.12	
(4) Supplies and Materials.....		
(5) Other Direct Expenses.....		
(6) Operation of Equipment.....		
(7) Depreciation of Equipment.....		
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment		
(10) Other Costs:		
(11) TOTAL COST CHARGED TO FFO FUNDS	xxxxxxxxxxx	\$ 5,847.12

OTHER COSTS:

(12) PS&S, AP, and/or Facilitating Services @ 16 %.....	\$ 935.54	
(13) Inventory and Other Non-Fund Costs		935.54
(14) GROSS WORK ORDER COSTS	xxxxxxxxxxx	\$ 6,782.66
LESS:		
(15) Residual Value of Construction Equipment on Line 8	\$	
(16) Other Credits		
(17) NET COST OF FIXED ASSETS	xxxxxxxxxxx	\$ 6,782.66

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

APPOMATTOX COURT HOUSE
NATIONAL HISTORICAL PARK
(Park)

Check One:

Monthly
Estimate

Final
Estimate

☐
☒

L U M P S U M C O N T R A C T

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DESCRIPTION	COST BREAKDOWN	PERCENT COMPLETE	VALUE	REMARKS
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Masonry		"	278.05	" "
Structural Steel		"	322.45	" "
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Electrical		"	247.50	" "
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Miscellaneous Items		"	100.00	" "
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TOTAL CONTRACT PRICE	\$5,847.12	100	\$5,847.12	

RECOMMENDED (Project Supervisor)

Orville W. Carroll
Orville W. Carroll

SUMMARY

TOTAL TO DATE..... \$ 5,847.12
LESS RETAINED AMOUNT.....
NET..... 5,847.12
LESS PREVIOUS PAYMENTS..... 4,315.71
LESS LIQUIDATED DAMAGES.....
DUE THIS ESTIMATE.....
% COMPLETED TO DATE: 1,531.41

APPROVED (Contracting Officer)

DATE

Grover E. Steele
Grover E. Steele, Supt.

3-26-64

ILLUSTRATION NO. 1

Photograph of ca. 1937 showing the log stable in center of photograph, between the County Jail on the left and the Bocock-Isbell House on the right. This photograph was taken from the northwest corner of the "Village Green." The reconstruction of the County Court House building in 1963-64 on the site in the foreground obstructs the view of the Stable from this position.

Photo: Unknown, ca. 1937
Neg. on File ACHNHP No. 2381



ILLUSTRATION NO. 2

Workmen excavating the trenches for concrete footings. The Bocock-Isbell House is in the rear foreground and the County Jail and recently reconstructed County Court House building are in the right background.

Photo by: National Park Service, EODC
Orville W. Carroll, December 1963

Neg. on File ACHNHP



ILLUSTRATION NO. 3

The stone foundation which appears to be dry-wall has been completed and the pressure treated sills are in place. This view is looking west with the Bocock-Isbell Kitchen in the background. The well was located in line with the Kitchen and Stable just over the picket fence. Workmen from the J. E. Sears Lumber Company of Appomattox are unloading part of the framing lumber.

Photo by: National Park Service, EODC
Orville W. Carroll, January 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 4

The carpenters are shown placing the wall studding, plates and ceiling joists on the west end of the Stable. The steel I-beam carrying the ceiling joist at mid-span is in place. It is supported by two steel columns placed within the wall structure.

Photo by: National Park Service, EODC
Orville W. Carroll, January 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 5

Carpenters from the J. E. Sears Company,
Mr. Wooten and Mr. Childers, start to raise the
rafters in place on the west end.

Photo by: National Park Service, EODC
Orville W. Carroll, January 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 6

Mr. Wooten, carpenter, nails the let-in corner brace to the southeast corner wall section of the stable. Openings to the right are for double doors to permit automobile storage on the interior.

Photo by: National Park Service, EODC
Orville W. Carroll, January 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 7

Carpenters start to lay Western red cedar shingles to the south roof slope. This view is looking northwest. The north slope of the roof has been shingled.

Photo by: National Park Service, EODC
Orville W. Carroll, February 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 8

Weatherboarding the north wall of the stable. Mr. Childers, right, prepares to apply white lead paint to the newly sawn end of a board prior to nailing it on the wall. A view of the northwest corner.

Photo by: National Park Service, EODC
Orville W. Carroll, February 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 9

McGuire and Johnson, Lynchburg, Virginia,
are shown pouring and finishing the concrete floor
slab on the interior of the stable. A three foot
concrete ramp extends beyond the building to per-
mit automobile access into the stable.

Photo by: National Park Service, EODC
Orville W. Carroll, March 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 10

Underground trench for the direct burial of electric cable extending from the Bocock-Isbell House to the stable. The service entrance to the house is about two feet east of the cellar entrance and about two feet underground at this point. The main underground electric cable running from the 50 KVA transformer just south of the County Jail building, enters the Bocock-Isbell House on the north side. The house distribution panel is located on the north cellar wall. The electric service for the stable connects to this point by means of exposed conduit on the interior of the cellar.

Photo by: National Park Service, EODC
Orville W. Carroll, January 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 11

Underground trench for the direct burial of electric cable running from the stable to the Bocock-Isbell House. The electrical installation was done by Ranson Electric Co. of Evergreen, Virginia.

Photo by: National Park Service, EODC
Orville W. Carroll, January 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 12

View from the southeast showing the completed stable. Filling and grading of the ramp approach was done by the Park maintenance men.

Photo by: National Park Service, EODC
Orville W. Carroll, May 1964

Neg. on File ACHNHP



ILLUSTRATION NO. 13

View of the completed building from the
northwest.

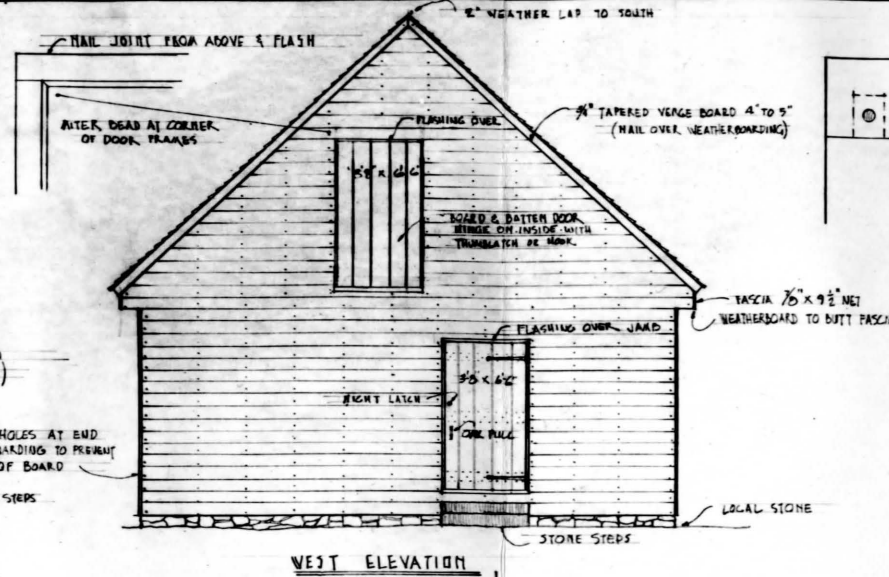
Photo by: National Park Service, EODC
Orville W. Carroll, July 1964

Neg. on File ACHNHP

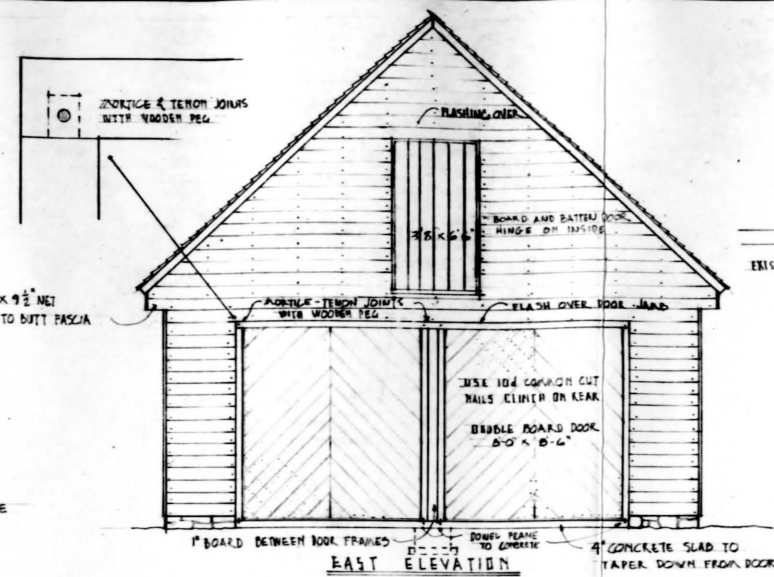




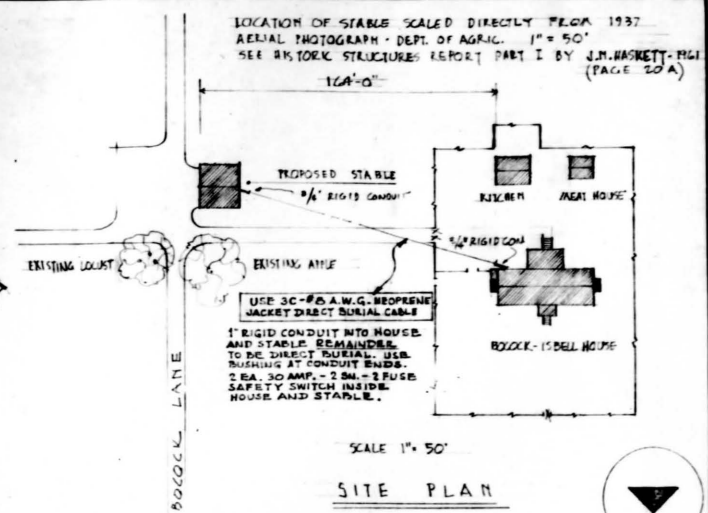
NORTH AND SOUTH ELEVATIONS



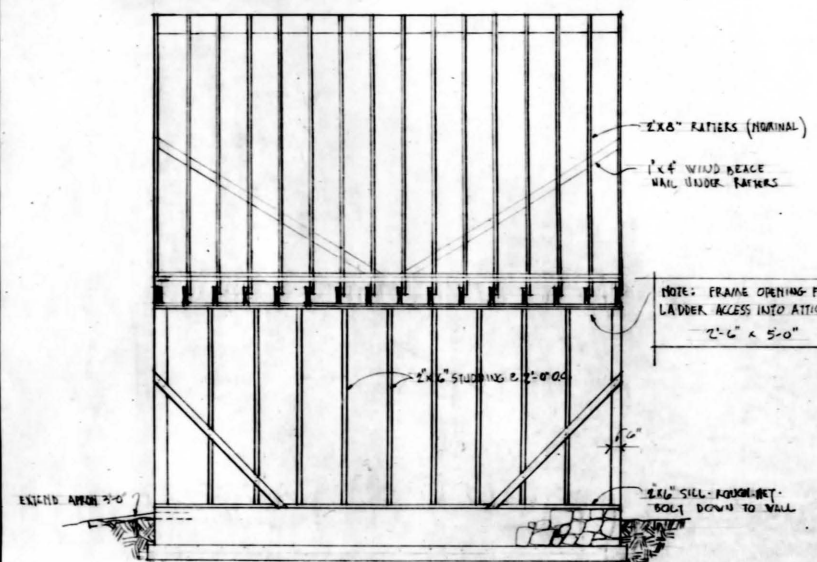
WEST ELEVATION



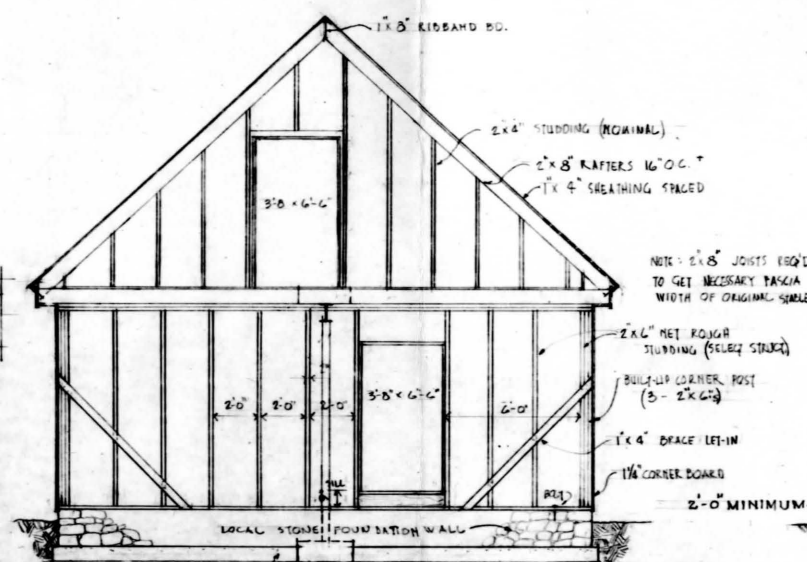
EAST ELEVATION



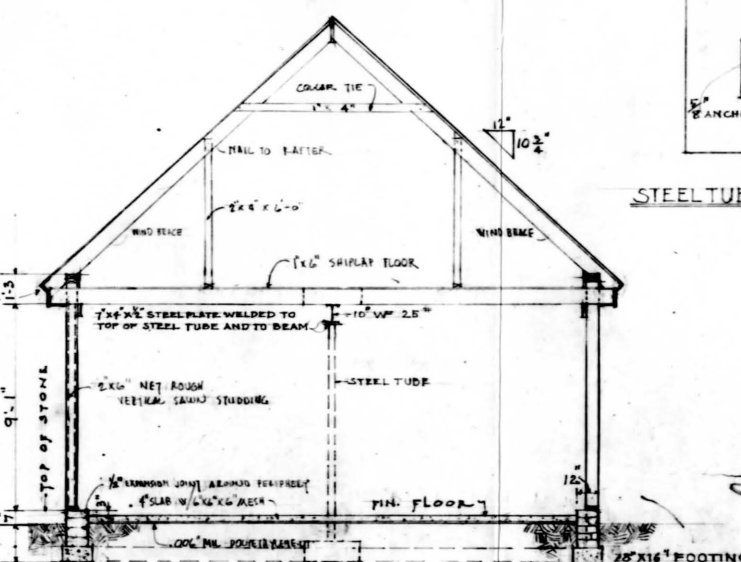
SITE PLAN



FRAMING FOR NORTH & SOUTH SIDES



FRAMING FOR WEST END

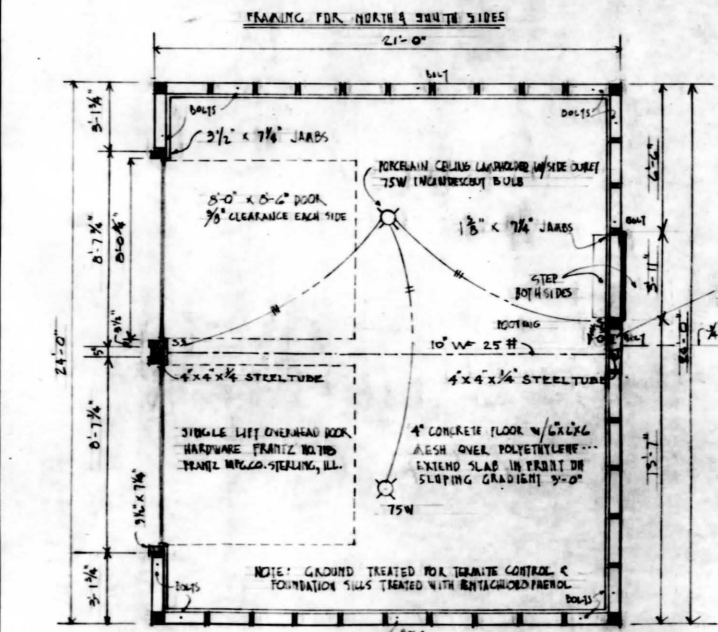


SECTION

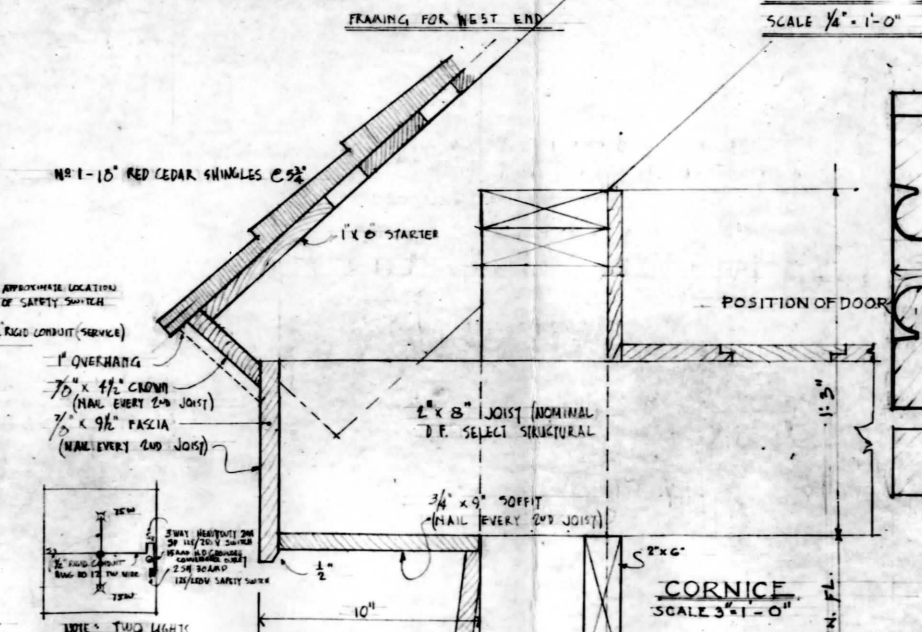
STEEL TUBE AND FOOTING



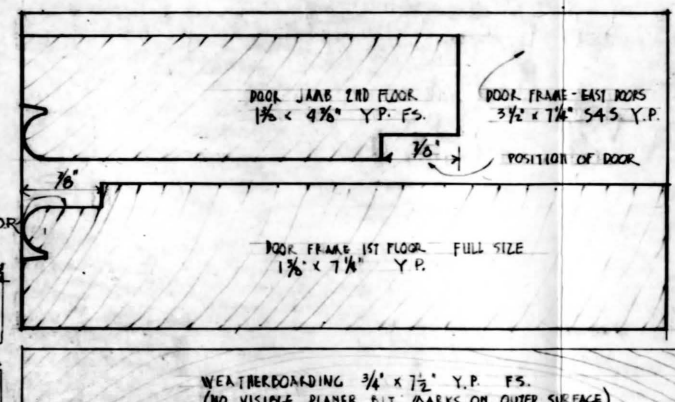
THE WEST END



PLAN



CORNICE



CORNER BOARDS Y.P.

FULL SIZED DETAILS

BASIC DATA
STABLE DESIGN ADAPTED FROM PHOTOGRAPHS OF EARLY LOG STRUCTURE STANDING ON SITE - APPROXIMATE COURT HOUSE - APPROXIMATE COUNTY - VIRGINIA

WORKING DRAWING
This drawing has been prepared in compliance with Preliminary Drawing No. NHP-ACH 3019A, approved by ELBERT COX, NRG DIRECTOR, on JULY 9, 1958.
APPROVED ELBERT COX (MEMO) REGIONAL DIRECTOR - SOUTHEAST REGION

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
RECONSTRUCT 60002-15BELL STABLE
VILLAGE AREA
NHP: ACH 3019B
DATE JULY 1958

OPERATIONS REGION	
WASHINGTON	
INTERP. REGION	
WASHINGTON	
COOP. ACTV. REGION	
WASHINGTON	
DES. & CONST. STERN	
A.	
E.	
WASHINGTON	
A.	
E.	
OTHER	
PREPARED	
CARROLL	
DESIGNED	
CARROLL	
DRAWN	
JUDD	
CHECKED	
REVISED	
DATE	
INITIAL	
REGION	SOUTHEAST
PCP	B-9-1
SHEET	OF 1
DRAWING NO.	NHP: ACH 3019B
DATE	JULY 1958

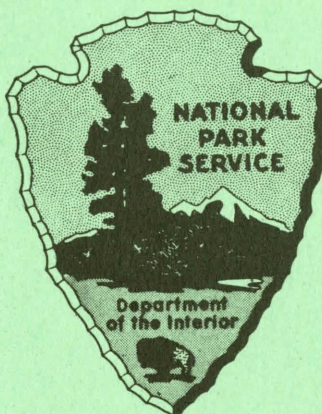
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FILE NUMBER
OR SUBJECT:

SPECIFICATIONS

(Park or Office)

RECONSTRUCTION BOCOCK ISBELL STABLE
VILLAGE AREA
APPOMATTOX COURT HOUSE
NATIONAL HISTORICAL PARK, VIRGINIA



PLEASE RETURN THIS FILE PROMPTLY TO

(Activity)

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

FROM:

(Date)

TO:

(Date)

EASTERN OFFICE
DESIGN AND CONSTRUCTION

143 S. THIRD STREET, PHILADELPHIA 6, PA.

CONTENTS

Paragraph

GENERAL PROVISIONS (Reverse of Standard Form 19)

LABOR STANDARDS PROVISIONS (Standard Form 19A) with Wage Rates

SPECIAL PROVISIONS

SPECIFICATIONS

EXCAVATION, BACKFILL AND GRADING	1
CONCRETE WORK	2
STONE MASONRY	3
CARPENTRY AND MILLWORK	4
SHEET METAL	5
MISCELLANEOUS METAL	6
PAINTING	7
HARDWARE	8
ELECTRICAL	9

INVITATION, BID, AND AWARD
(Construction, Alteration or Repair)

REFERENCE

(Include in correspondence)

INVITATION FOR BIDS

DATE ISSUED: October 18, 1963

ISSUING OFFICE Superintendent

BID RECEIVING OFFICE

Appomattox Court House National Historical Superintendent
Park, Hq. Location: 3 Miles Northeast of Appomattox Court House Nat'l Historical
town of Appomattox, Va., on Va. Rt. 24 Park, P.O. Box 218, Appomattox, Va.-24522

INFORMATION REGARDING BIDDING MATERIAL MAY BE OBTAINED FROM THE ISSUING OFFICE

SEALED BIDS in duplicate covering work described in specifications, schedules, drawings and conditions entitled and
dated as follows: Reconstruction Bocock Isbell Stable, Village Area, Appomattox Court House
NHP, Drawing No. NHP-ACH 3019B (1 sheet) July, 1963

will be received at the Bid Receiving Office until 2:00 p.m. local time November 6, 1963
(Time) (Date)
and then publicly opened.

Sealed envelopes containing bids shall be addressed to the Bid Receiving Office and shall be marked to show: Bidder's Name and Address;

Reference Reconstruction, ; Time and Date of Opening: 2:00 p.m. local time, Nov. 6, 1963
Bocock-Isbell Stable

BID (This Section to be completed by Bidder)

DATE BID SUBMITTED:

The undersigned agrees, if this bid is accepted within _____ calendar days after date of opening, to complete all work specified in strict accord-
ance with the above-identified documents and the General Provisions on the reverse hereof, within _____ calendar days after receipt of notice to
proceed, for the following amount _____

including all applicable Federal, State, and local taxes.

BIDDER REPRESENTS: (Check appropriate boxes)

1. That he ☐ is, ☐ is not, a small business concern. For this purpose, a small business concern is one that (a) is independently owned
and operated, (b) is not dominant in its field of operation, and (c) with affiliates, had average annual receipts for the preceding three
years of \$5,000,000.00 or less. (See Code of Federal Regulations, Title 13, Part 121, as amended, for additional information.)
2. That he operates as an ☐ individual, ☐ partnership, ☐ corporation, incorporated in the State of _____

The undersigned further agrees, if this bid exceeds \$2,000.00 to comply with
Labor Standards Provisions applicable to contracts in excess of \$2,000.00
(Standard Form 19A) in lieu of those in provisions 10 hereof: To pay not less
than the minimum hourly rates of wages set forth in the specifications; and to
furnish a performance bond in an amount equal to 50% and a payment bond in an
amount equal to 50% of the contract price, with sureties acceptable to the
Government.

NAME AND ADDRESS OF BIDDER (Street, city, zone, and State. Type or print.)

SIGNATURE OF PERSON AUTHORIZED TO SIGN THIS BID



TYPE OR PRINT SIGNER'S NAME AND TITLE

AWARD (This Section for Government only)

DATE OF AWARD:

The above Bid is accepted in the amount of \$

- ☐ You are directed to proceed with the work upon receipt of this Award.
☐ Notice to proceed will be issued upon receipt of acceptable payment and performance bonds.

THE UNITED STATES OF AMERICA

BY _____
(Contracting Officer)

(Title)

GENERAL PROVISIONS

1. CHANGES AND CHANGED CONDITIONS.—

(a) The Contracting Officer may, in writing, order changes in the drawings and specifications within the general scope of the contract. (b) The Contractor shall, before proceeding further, notify the Contracting Officer in writing of sub-surface or latent conditions differing materially from those indicated in this contract or unknown unusual physical conditions at the site.

(c) If changes under (a) or conditions under (b) increase or decrease the cost of, or time required for, performing the work, upon assertion of a claim by the Contractor before final settlement of the contract, a written equitable adjustment shall be made; except that no adjustment under (b) shall be made unless the notice required therein was given or unless the Contracting Officer determines the facts justify its waiver. If the adjustment cannot be agreed upon, the dispute shall be decided pursuant to Clause 3.

2. TERMINATION FOR DEFAULT—DAMAGES FOR DELAY—TIME EXTENSIONS.—

(a) If the Contractor does not prosecute the work so as to insure completion, or fails to complete it, within the time specified, the Government may, by written notice to the Contractor, terminate his right to proceed. Thereafter, the Government may have the work completed and the Contractor shall be liable for any resulting excess cost to the Government. If the Government does not terminate the Contractor's right to proceed, he shall continue the work and shall be liable to the Government for any actual damages occasioned by such delay unless liquidated damages are stipulated.

(b) The Contractor's right to proceed shall not be terminated nor the Contractor charged with actual or liquidated damages under (a) above because of any delays in completion of the work due to causes other than normal weather, beyond his control and without his fault or negligence, including but not restricted to, acts of God, acts of the public enemy, acts of the Government (in either its sovereign or contractual capacity), acts of another contractor in the performance of a contract with the Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather, or delays of subcontractors or suppliers due to causes beyond their control and without their fault or negligence: *Provided*, That the Contractor shall within 10 days from the beginning of any such delay, unless the Contracting Officer shall grant a further period of time prior to the date of final settlement of the contract, notify the Contracting Officer in writing of the causes of delay. The Contracting Officer shall ascertain the facts and the extent of the delay and extend the time for completing the work when in his judgment the findings of fact justify such an extension, and his findings of fact shall be final and conclusive on the parties hereto, subject only to appeal as provided in Clause 3 hereof.

3. DISPUTES.—

Any dispute concerning a question of fact arising under this contract, not disposed of by agreement, shall be decided by the Contracting Officer, who shall reduce his decision to writing and furnish a signed copy to the Contractor. Such decision shall be final and conclusive unless, within 30 days from the date of receipt thereof, the Contractor mails or otherwise furnishes to the Contracting Officer a written appeal, addressed to the head of the Federal agency. The Contractor shall be afforded an opportunity to be heard and to offer evidence. The decision of the head of the Federal agency or his authorized representative, shall be final and conclusive unless fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of the contract and in accordance with the Contracting Officer's decision.

4. RESPONSIBILITY OF CONTRACTOR.—

At his own expense the Contractor shall: (a) obtain all required licenses and permits; (b) provide competent superintendence; (c) take precautions necessary to protect persons or property against injury or damage and be responsible for any such injury or damage that occurs as a result of his fault or negligence; (d) perform the work without unnecessarily interfering with other contractors' work or Government activities; (e) be responsible for all damage to work

performed and materials delivered (including Government-furnished items), until completion and final acceptance.

5. MATERIALS AND WORKMANSHIP.—

The work shall be under the general direction and subject to the inspection of the Contracting Officer or his duly authorized representative who may require the Contractor to correct defective workmanship and materials without cost to the Government.

6. PAYMENTS.—

Progress payments equal to 90 percent of the value of work performed may be made monthly on estimates approved by the Contracting Officer. Upon payment therefor, title to the property shall vest in the Government. The Contractor will notify the Government when all work is complete. Final payment will be made after final acceptance.

7. OFFICIALS NOT TO BENEFIT.—

No Member of or Delegate to Congress, or Resident Commissioner, shall be admitted to any share or part of this contract, or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

8. BUY AMERICAN ACT.—

The Contractor, subcontractors, material men, and suppliers must comply with the Buy American Act of March 3, 1933 (41 U.S.C. 10a-10d) and Executive Order 10582 of December 17, 1954 (19 Fed. Reg. 8723). (In substance the above require use of domestic materials except as otherwise authorized by the Act and Executive Order.)

9. NONDISCRIMINATION IN EMPLOYMENT.—

(a) In connection with the performance of work under this contract, the Contractor agrees not to discriminate against any employee or applicant for employment because of race, religion, color, or national origin. The aforesaid provision shall include, but not be limited to, the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by Contracting Officer setting forth the provisions of the discrimination clause.

(b) The Contractor further agrees to insert the foregoing provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.

10. LABOR STANDARDS PROVISIONS APPLICABLE TO CONTRACTS NOT IN EXCESS OF \$2,000.—

(a) *Eight-Hour Laws—Overtime Compensation.*—The Eight-Hour Laws (40 U.S.C. 321-326) are applicable to this contract. (In substance they provide that laborers and mechanics employed by the Contractor or his subcontractors shall be paid not less than time and a half for work in excess of 8 hours a day. Violations are punishable as prescribed in 40 U.S.C. 322-324.)

(b) *Nonrebate of Wages.*—The Regulations issued by the Secretary of Labor (29 CFR, Part 3) pursuant to the Anti-Kickback Act, as amended (40 U.S.C. 276 (c), 18 U.S.C. 874), are applicable to this contract. (In substance they provide that no deductions may be made from wages except those required by law or permitted by the Regulations, that contractors and subcontractors shall preserve for 3 years after completion of the work payrolls which contain for each employee, his name, address, correct classification, rate of pay, daily and weekly number of hours worked, deductions made, and actual wages paid, and shall submit weekly a statement of compliance, the form of which is stated in the Regulations.)

(c) *Subcontractors—Termination.*—The Contractor agrees to insert paragraphs (a) and (b) immediately above in all subcontracts. The term "Contractor" as used in such paragraphs in any subcontract shall be deemed to refer to the subcontractor. Breach of the requirements of this Clause 10 may be grounds for the termination of this contract.

11. CONVICT LABOR.—

In connection with the performance of work under this contract, the Contractor agrees not to employ any person undergoing sentence of imprisonment at hard labor.

a. MINIMUM WAGE RATES: Minimum wage rates as required by Labor Standards Provisions, Article 1, Form 19A, and in compliance with the Davis-Bacon Act are a part of this contract. The Secretary of Labor has made a determination as of August 20, 1963, Decision No. AC-2,847, covering minimum prevailing wage rates to be paid the following classes of labor to be employed on this work:

<u>CRAFTS</u>	<u>RATES PER HOUR</u>
Asbestos workers	\$3.725
Asbestos workers' imp.	
<u>1st year</u> <u>2nd year</u> <u>3d year</u> <u>4th year</u>	
1.86 2.24 2.61 2.98	
Boilermakers	4.15
Boilermakers' helpers	3.90
Bricklayers	3.35
Carpenters	2.00
Cement masons	2.00
Electricians	3.40
Glaziers	1.85
Ironworkers, structural	3.65
Ironworkers, ornamental	3.65
Ironworkers, reinforcing	3.50
Laborers	1.15
Air tool op. (jackhammer, vibrator)	1.25
Mason tenders	1.30
Mortar mixers	1.25
Pipelayers (concrete and clay)	1.25
Plasterers' tenders	1.25
Lathers	2.50
Air compressors	2.00
Hoists - 1 drum	2.20
Hoists - 2 drums & over	3.00
Painters, brush	1.85
Plasterers	2.75
Plumbers	3.64
Roofers	2.40
Sheet metal workers	3.75
Soft floor layers	2.00
Steamfitters	3.64
Tile setters	2.75
Tile setters' helpers	1.55
Welders--receive rate prescribed for craft performing operation to which welding is incidental	
Truck drivers	1.40
Pumps	2.00
Trenching machines	2.00

SPECIAL PROVISIONS

1. SCOPE: Include labor, materials, transportation, tools, supplies, equipment, permits necessary for the complete and satisfactory reconstruction of Bocoek Isbell Stable, Village Area, Appomattox Court House National Historical Park, Virginia.
2. LOCATION: Village Area, Appomattox Court House National Historical Park, Virginia.
3. DRAWINGS AND SPECIFICATIONS: The drawing for the work is NHP-ACH 3019B (1 sheet). This drawing and the specifications, together with the latest revised editions of the Federal Specifications, as applicable, are a part of this contract.
4. RETURN OF PLANS AND SPECIFICATIONS: All except bidder to whom award is made are required to return bidding documents to the Superintendent, Appomattox Court House National Historical Park, Virginia.
5. CONTRACT APPROVAL: This contract will be subject to the written approval of the Superintendent, Appomattox Court House National Historical Park.
6. COMMENCEMENT, PROSECUTION AND COMPLETION: Contractor shall commence work under this contract within ten days after date of receipt of notification to proceed. He shall prosecute the work with faithfulness and energy, in a neat and orderly manner so as to complete the work under contract within 120 calendar days after date of receipt of notification to proceed. Above interval of 120 days is hereby agreed upon as the time necessary for completion of entire work. When conditions are unfavorable to the suitable prosecution of work a stop order will be placed against the contract and the time consumed by such a stop order is not chargeable against the contract time.
7. LIQUIDATED DAMAGES: Liquidated damages in lieu of actual damages will be deducted from the contract amount for the entire delay in completing the work beyond the time fixed and agreed upon in the contract for its completion, or beyond such time as may be established because of justifiable extensions of time, granted pursuant to other provisions of the contract, as follows: \$15.00 per day for each calendar day until completion and acceptance in writing, as described in the General Provisions.
8. INSPECTION: All work done under this contract will receive daily supervision by a member of the National Park Service staff. In addition, it will receive intermittent and general architectural supervision by a technically qualified member of the Eastern Office, Design and Construction, representing the Contracting Officer whose salary will be paid by the United States. In all questions relating to the interpretation of these specifications or drawings, the decision of the Contracting Officer shall be final.

Special Provisions

9. REPUTATION OF BIDDERS: The Contracting Officer shall have the right to submit questionnaires to bidders concerning their financial resources, experience and equipment, and to reject a bid if bidder fails to reply to the questionnaires or if the reply thereto is unsatisfactory. The information contained in the reply will be considered confidential.

10. CONTRACTS AND BONDS: Standard Government Form of Contract for Construction, Form 19, Form of Performance Bond 25, and Form of Payment Bond 25A are a part of these specifications.

11. MANUFACTURED PRODUCTS: Where manufactured products or materials are specified herein, strict adherence to the manufacturer's printed recommendations for shipping, handling, storage, erection, installation and/or use is intended and must be observed.

12. QUESTIONS: Questions concerning the interpretation of these specifications or of the drawings should be addressed in writing to: Chief, Eastern Office, Design and Construction, National Park Service, 143 South Third Street, Philadelphia, Pa. - 19106, so as to arrive at least five days prior to bid opening. If questions are received, the answers to which would affect more than one bidder, a bulletin will be distributed to all prospective bidders.

13. CASH ALLOWANCE: The Contractor shall include in the Contract Sum all the cash allowance named in the Contract Documents. This allowance is the net amount for the Purchases by the Contractors and it includes transportation to the site. The allowance does not include the Contractor's profit and overhead.

Should the cost exceed the allowance, the Government will pay the excess; if less, the difference will be deducted from the Contract Price.

14. GOVERNMENT CHANGES: The Government reserves the right to change the quality of materials or supplies or to increase or decrease any or all quantities or totally eliminate or change minor portions provided that the total cost of the work shall not be changed by more than 25 per cent. The provisions of Clause 1 of Standard Form 19, General Provisions, are to be supplemented in considering claims for an adjustment of the contract. The value of the changes shall be determined by one of the following methods:

- a. On the basis of a negotiated lump sum price agreed upon in advance.
- b. On the basis of actual cost of the extra work to the Contractor (including rental or hire of such plant as may be used exclusively for such extra work and including Workman's Compensation Insurance, but excluding overhead), plus a fixed fee as agreed upon, not to exceed fifteen per cent (15%) of that cost to cover profit and all indirect charges.

Special Provisions

In either case, an appropriate extension of the working time, if such is necessary, will also be agreed upon and stated in the written order in which the extra work or change is requested or otherwise established.

15. TEMPORARY FACILITIES: Before submitting his bid, the Contractor should visit the site and should confer with the National Park Service Superintendent and the owners of the facilities to determine the use and availability of existing water, sanitary facilities, electric power, personnel housing and messing facilities, and storage space, and to determine the extent to which the Contractor will be required to provide or supplement these and other necessary facilities at his own expense.

Where existing toilet facilities are not available, the Contractor shall provide and maintain in a sanitary condition an enclosed fly-tight toilet located as directed by the Contracting Officer.

16. CONTRACTOR'S PROTECTION: The General Contractor shall during the continuance of work under this Contract, and also extra work in connection therewith maintain liability insurance in sufficient amount to protect himself from any liability or damage for injury to any employees, the public or other person, including any liability or damage which may arise by virtue of any statute.

The policies shall be, in all respects, satisfactory to the Contracting Officer. Evidence that such insurance is in force shall be submitted immediately upon the signing of the Contract, by either presenting the policies for inspection, or the liability company's usual form of certificate. The policies and certificates shall certify, among other things, that the insurance will not be cancelled or lapsed during the progress of the work covered by these specifications.

All insurance policies shall be issued only by companies authorized to do business under the laws of the State in which the work is to be accomplished, and copies of all policies shall be filed with the Contracting Officer before the work is started.

END OF SPECIAL PROVISIONS

Special Provisions

SPECIFICATIONS

1. EXCAVATION, BACKFILL AND GRADING:

- a. Excavation: Excavate to depths indicated or required. All footing to bear on undisturbed earth. All excavation is unclassified. Strip and stockpile all topsoil.
- b. Backfill: Where required, backfill with approved material to within 4" of finish grade. Place in 8" layers and puddle and tamp. Do not backfill until preparatory work has been approved.
- c. Grading: Grade around building to within 4" of finish grade. Finish grading is not in the contract. Unless otherwise shown, rough grading is limited to 20 feet from the building.
- d. Treating Earth: Earth below floor slab and at the perimeter of the building shall be treated for destruction of termites. Contractor shall furnish the Contracting Officer a certificate stating that the earth has been toxic treated.

2. CONCRETE WORK:

- a. Concrete: Footings and slab to be 1:2:4 mix concrete. Steel trowel finish all wearing surfaces. Reinforce as shown on drawing. Place on gravel fill. Pour concrete floor slab over 6 mil. polyethylene sheeting. Taper floor slab down on outside of overhead doors.
- b. Premolded filler: Use asphalt saturated fiber premolded expansion joint around slab perimeter.

3. STONE MASONRY:

- a. Stone: Use local field stone. Selection of size, color, and quality to be subject to approval by Contracting Officer.
- b. Laying Stone: Horizontal beds in the face shall not run in an unbroken line through more than 4 to 6 stones. Beds off level shall not be carried through more than 2 stones in a generally continuous line. Tipped or unbalanced stones shall be avoided. Horizontal beds and vertical joints may vary within the joint or bed from $\frac{1}{4}$ to $1\frac{1}{4}$ inches in width. Adjacent stones shall be sufficiently close that joints and beds are not uniformly wide, the allowable variations in width being permitted only to take up variations in abutting beds and joint faces. No spalls shall be used in the face of the work.

Set all stones in full beds of mortar and fill all vertical joints and space between stonework solid with mortar.

Before the mortar has set hard, all joints and beds in exposed faces shall be raked out clean to a depth of $\frac{1}{4}$ to 1 inch, as directed.

c. Precautions: Lay no masonry in freezing weather. When the ambient temperature is 40° or less, no work may proceed without permission. Do not build on frozen work or lay units which have a surface film of frost.

4. CARPENTRY AND MILLWORK:

a. General: Grade mark or certificate required for all wood. Only lumber having the recognized official mark of the association under whose rules it is graded will be acceptable. Lumber and boards shall be dressed 4 sides and shall be sound and free of warpage. Protect material stored at the site.

b. Grades and Species:

(1) Framing Lumber: Grades specified herein unless otherwise mentioned are for Douglas Fir. Other species of lumber in equivalent grades may be substituted if approved by the Contracting Officer. Moisture content not to exceed 19% for structural lumber and 12% for finish material. All lumber kiln-dried.

(a) Joists, Lintels, rafters, and collar ties	Construction Grade 1500f
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(b) Vertical framing members, posts, studs, sills and plates	Standard Grade
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(c) Corner and wind bracing and blocking	Standard Grade
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(2) Finish Woodwork:

(a) Trim, fascia, weather boards, door frames, corner boards, plank doors, and verge boards	B and Better Yellow Pine
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(b) Shingles	16" Red Label Grade Red Cedar
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(c) Flooring	D-Flat or mixed grain fir.
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(3) Roof Sheathing: 1" x 4" nominal Utility grade boards, strip sheathing.

(4) Wood Preservative: All wood in contact with stone masonry, including wood sills and door frames shall be toxic treated by approved process with a wood preservative such as pentachlorophenol. Brush coat all edges cut after treatment.

c. Rough Hardware: Provide nails, bolts, straps, screws, anchors, etc., as necessary.

d. Workmanship:

- (1) Studs: 16" o.c. double at sides and heads of opening and at top plates. Triple at corners. Provide corner bracing let-in to studs.
- (2) Sills: Set level in mortar bed. Bolt to foundation 4'-0" o.c.
- (3) Rafters: Provide full bearing on plate. Nail to 1" x 8" board at ridge. Use 2" x 8", 16" o.c. for rafters.
- (4) Joists: 2" x 8" @ 16" o.c. Nail joists to rafters.
- (5) Siding: Provide weatherboard siding. Nail with 10d common cut nails. Nail boards to studs. Shingles to be butt nailed in accordance with recommendations of the Red Cedar Shingle Bureau. Use type ES (self-clinching) nails in undercourse.
- (6) Strip Sheathing: Nail strip sheathing once at each bearing.
- (7) Door Jambs, Trim, Fascia and Soffit: Use finishing or casing nails for exterior trim. Run trim in unbroken lengths where possible. Set exterior joints in lead paste.

e. Doors:

- (1) Board and Batten Doors: Construct board-and-batten doors as indicated. Provide Z brace on inside of doors. Use common cut nails for assembling. Door boards shall be 7/8" thick yellow pine, random width, T and G boards 4" to 10". Entrance door at ground floor shall have an oak pull installed.
- (2) Overhead Doors and Frames: Provide two single lift overhead doors of the size indicated. Doors shall be double board doors constructed in the herringbone pattern, and assembled with No. 10d. common cut nails. Overhead door frames shall be accurately constructed using mortice and tenon joints secured with wood pegs. Overhead door hardware shall be Frantz No. 118 as manufactured by Frantz Manufacturing Co., Sterling, Illinois. Each door shall also be furnished with a lift handle and locking device. Doors shall be manually operated.
- (3) Access Panel: Provide 2'-6" x 5'-0" opening in attic floor. Frame around opening with 2" x 8"s and construct 1" thick t.&g. wood panel to be hinged to opening frame.

f. Wood Shingle Roofs:

- (1) Shingles: No. 1 grade Western Red Cedar shingles and of rough texture on exposed surfaces; length 18", square, butt thickness $\frac{1}{2}$ ".

(2) Finish: Shingles shall be left unstained and without preservative treatment so that they may acquire a natural weathered finish.

(3) Installation: Shingles shall be laid in regular, even courses 5-3/4" to weather, doubled at all starter courses. Lay shingles with 1/8" joints between. Break joints by 2" side lap above the butts and 1" from the sides using 8-penny hot-dipped zinc-coated shingle nails with corrugated shank and large head.

(4) Ridges: Ridges shall be covered with shingles in even widths, alternately side and edge butted, and top joints sealed with caulking compound or white lead paste colored to match shingles. Before top course of shingles below ridges is placed metal flashing shall be installed. Nailing of shingles through flashing shall be done with hot-dipped zinc coated shingle nails of sufficient length to penetrate the wood stripping below.

5. SHEET METAL:

a. Materials:

(1) Flashing: 26 gauge galvanized steel. Galvanized accessories.

b. Workmanship:

(1) Sheet Metal: Form to accurate profiles. Attach securely through wall to outside and extend flashing beyond door trim to form drip. Turn under 1/2" to stiffen edge.

6. MISCELLANEOUS METAL:

a. General: Provide all miscellaneous metal items required to complete the construction whether shown, mentioned herein, or not.

b. Columns: Provide two 4" x 4" x 1/8" steel tubular square columns with 10" x 10" x 3/4" steel base plates and 7" x 4" x 1/2" steel top plate welded thereto. Secure columns to concrete foundations with two 5/8" dia. anchor bolts. Give steel columns and plates below floor line an emulsified asphalt coating.

c. Beams: Provide American Standard Section 10" WF #25 as shown.

7. PAINTING:

a. Painting:

(1) Materials: Paints shall be nationally advertised brands, approved by the Contracting Officer. Deliver in original containers, seals unbroken, labels intact. Colors to be selected.

(2) Precautions and Application: Surfaces to be clean, free from dust, oil or grease. Apply in strict accordance with manufacturer's directions following approved samples and color scheme furnished. Do no painting when weather is predicted below 40°, materials are damp or conditions are unfavorable in the opinion of the Contracting Officer.

(3) Exterior:

(a) Wood trim, all doors, frames, etc.: One coat exterior wood primer, two coats oil base exterior sash and trim paint as selected. Paint overhead doors both sides.

(b) Wood siding: One coat exterior wood primer and two coats of oil base exterior house paint. Shingles will be allowed to weather and shall receive no paint or stain.

(c) Ferrous Metal: One coat rust inhibitive metal primer, 2 coats exterior house paint.

(d) Galvanized Metal: One coat zinc dust primer, 2 coats exterior house paint. Prime coat galvanized metal before installing.

8. HARDWARE: For this structure allow \$125.00 exclusive of profit, overhead, and installation for all finish hardware, including hardware for overhead doors. Install hardware neatly, securely and in proper adjustment. Remove and replace for painting. Hardware for overhead doors is specified in section "Carpentry and Millwork." Hardware shall be steel, bonderized and prime coated for painting.

9. ELECTRICAL:

a. Scope: Furnish a fused safety switch near location of electric service in Bocock Isbell House and connect to this service. Run rigid conduit from switch to outside of building underground and provide bushing to protect cable. Install a safety switch in stable and run rigid conduit from switch to outside stable underground and provide bushing. Run underground direct burial cable from switch in house to switch in stable using conduit to enter buildings. Minimum cover over the cable to be 18". Provide circuit to light fixtures and three-way switches from safety switch in stable using No. 12 AWG Romex cable.

b. Safety Switches: Shall be normal duty fused safety switches 30 Ampere capacity with 2 blades, 2 fuses and solid neutral per 120-240 volt service.

c. Conduit: Shall be galvanized rigid steel conduit, 1" size.

d. Cable: Shall be underground neoprene sheathed cable suitable for direct burial underground. 3 conductors No. 8 AWG size.

e. Light Fixtures: Shall be porcelain ceiling lampholders with 75 watt lamps.

f. Inside wiring to be No. 12 Romex cable.

g. Outlet boxes: Shall be standard galvanized steel boxes of size required for fixtures and switches.

h. Local switches to be flush tumbler type rated at 10 amperes 125 volts with face plates.

i. Grounding to be by one of the methods approved by the National Electric Code.

END OF SPECIFICATIONS