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001453

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HISTORIC STRUCTURES REPORT
PART III
ARCHITECTURAL DATA SECTION
ON
MARIAH WRIGHT HOUSE
Appomattox Court House National Historical Park

August, 1965

Bibliography

Rec# 6010
AUTH: Carroll, Orville W.
TITL: Historic Structures Report, Part III, Architectural Data Section on Mariah Wright House, Appomattox Court House National Historical Park
DRFT:
BIBN: 001453
ALPH: APCO
PROG:
STTY: 54
GRPH: 13/14/15
HOLD: WASO
PLPU:
PUBL: U.S. Department of the Interior, National Park Service
DATE: 08/1965
LCS#: 00041
NTCT:
CSI#:
REST:
PAGS:
VOLS:
CRD#:
BUID:
SRTI:
SRVO:
CHAD: Yes
NTIS:
DSC#: 340/D-16
GPO#:
SHLF:
NOTE:
ABST:
LIBC:
DESC:

001453

HISTORIC STRUCTURES REPORT

PART III

ARCHITECTURAL DATA SECTION

ON

MARIAH WRIGHT HOUSE

Appomattox Court House National Historical Park

Prepared by
Orville W. Carroll
Architect
August 1965

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

MARIAH WRIGHT HOUSE

Appomattox Court House National Historical Park

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

RECOMMENDED

/s/ Lloyd M. Pierson Date 8-9-65
Superintendent

/S/ Robert G. Hall Date 8/2/65
Chief, EODC

APPROVED

/s/ E. M. Lisle Date 8/19/65
Acting Regional Director, Southeast Region

TABLE OF CONTENTS

		Page
I.	FOREWORD	i
II.	HISTORICAL DATA	1
	A. The Master Plan	
	B. Historic Structures Reports	
III.	ARCHEOLOGICAL DATA	3
IV.	ARCHITECTURAL DATA	
	A. Contractual Data	4
	B. Construction Work	5
	1. Excavation, Grading and Site Work	
	2. Concrete	
	3. Masonry	
	4. Carpentry Work	
	5. Porches	
	6. Painting and Finishing	
	7. Interior Work	

ILLUSTRATIONS

DRAWINGS

CONSTRUCTION SPECIFICATIONS

I. FOREWORD

Restoration of the Mariah Wright House was included in the program for fiscal year 1959. Because the programmed funds were inadequate for restoration, the structure was "moth balled" and the restoration deferred until 1965. The reports and drawings prepared in 1959 included an interior rehabilitation to adapt the building for use as quarters. The interior work was not included in the 1965 work, but provisions were made so that it could be accomplished in future years.

With the exterior restored and fencing installed the house appears now much as it would have in 1865 when General Robert E. Lee met with General U. S. Grant in the near by McLean House.

This report outlines the work accomplished in the recent restoration.

Orville W. Carroll
Architect
July 1965

II. HISTORICAL DATA

A. The Master Plan

The Mariah Wright House is shown on the Base Map of the Master Plan for Appomattox Court House National Historical Park as Building No. 20. Nearby, three unidentified outbuildings are shown; one directly east and two on the westerly side. The Wright-Rosser cemetery is located about 160 feet south of the house. Incorporated in the 1943 Master Plan is additional information concerning the Mariah Wright House, compiled and written by Ralph Happel, National Park Service Historian.

B. Historic Structures Reports

1. A typescript copy entitled "Historic Buildings Report Mariah Wright House, Part I, ACH-NHP, Virginia, July 1958," was written under contract by Dr. Marvin Schlegel. His research, restricted by inadequate county records, indicates the house was constructed about 1823 by Pryor Wright, Jr. (Schlegel, p. 2). Major alterations to the structure were made in 1890 by John Rosser; these changes surviving intact up to the time the National Park Service acquired the building in 1937.

2. A Historic Structures Report, Part I, for the Mariah Wright House, Architectural Data Section, was written by Orville W. Carroll, November 1959. This report included seven sheets of

HABS drawings for the house and one sheet of Preliminary Plans showing its proposed restoration. Subsequent working drawings, 3 sheets, were prepared in November 1959. The writing of a Part II, Historic Structures Report was waived in 1959, on the basis that the Part I Report contained all the needed architectural recommendations, the Preliminary Plans and a cost estimate of the proposed work required for official approval, to proceed with the restoration work. Part I Report was recommended for approval by EODC in November 1959.

III. ARCHEOLOGICAL DATA

There has been no archeological investigations around the grounds of the Mariah Wright House. Much work needs to be done to locate and identify as many dependencies as possible. Included with the excavations of the building sites, location of fence lines should be considered since many of the local structures were often placed in fence rows.

IV. ARCHITECTURAL DATA

A. Contractual Data

The exterior restoration of the Mariah Wright House was included as a portion of Contract No. 14-10-0131-1298, awarded to J. E. Sears and Co., Inc., of Appomattox, Virginia, June 18, 1964. The second portion of the contract dealt with the reconstruction of the McLean House Dependencies; the Kitchen, Slave Quarters and Ice House. Low bid submitted for the work on the Wright House was $23,251.00.

At the time specifications were written, May 1964, the writer was not totally aware of the chimney conditions. After work got underway, it was then fully realized that we had to cope with the chimneys in a different manner. Restoration of the house could not be completed with both chimneys leaning toward the south; one preventing the weatherboarding from being nailed to the north gable end and the other chimney leaning hazardously out-of-plumb. A conference was held at the site between the Contractor and the Project Supervisor to determine the best means to upright the chimneys and still preserve the original brick and stone work. A careful examination of the chimneys resulted in the decision to remove the two brick stems, save the stone bases, if possible, by cleaning out the joints and regrouting

the masonry work, upright the stone bases and rebuild the chimney stems using the carefully salvaged bricks. The Contractor prepared a cost estimate in the amount of $1,500.00, deemed necessary to cover the expense of the project. Upon the recommendation of the writer, Change Order No. 1 was written and approved by the Park Superintendent, then submitted to the Southeast Regional Office for its approval which was forthcoming.

Total cost of the project, including Change Order No. 1 was $24,751.00.

B. Construction Work

1. Excavation, Grading and Site Work

Excavation of the foundation and basement area under the house started after the house was shored by placing exterior diagonal struts under the wall plate on the east and west sides, the original foundation stone removed and the rotted sills removed and replaced. A house moving crew placed two steel beams under the first floor joists to permit all wooden cribbing to be released from under the house. Evans and Nash Construction Company of Appomattox, Virginia, was subcontractor for the excavation and site work. Work done with hand-tools and a light farm tractor equipped with a blade involved the removal of earth immediately to the front and sides of both stone chimney bases.

Illustrations Nos. 4 through 9 show this sequence of operation.

Backfilling of the building trench by using a diesel front-end loader and one mechanical tamping machine was done by Evans and Nash Construction Company. Top soil was brought to the site for the final grading.

2. Concrete

Each load of concrete furnished by the J. E. Sears Company of Appomattox, Virginia was inspected by the Project Supervisor to assure getting a mix of proper consistency for obtaining maximum strength. Placement of the mix was carefully supervised to prevent the dropping of concrete mix over heights of three feet, which tends to separate the aggregate. An electric vibrator was used in the wall pour to eliminate entrapped air and to achieve a dense quality. All concrete was poured into wooden forms built on the job.

Immediately in front of the chimney bases, additional reinforcing steel was placed, vertically and horizontally, within the formwork for added strength as a precaution against pressure applied by the chimneys due to the removal of the base soil at the lower level (see Illustrations Nos. 10, 11 and 12, where reinforcing steel can be seen in place).

3. Masonry

The stone masonry work was subcontracted to C. M. Worsham of Madison Heights, Virginia. The stones removed from the original foundation were re-used when the walls were rebuilt above ground level, over a concrete retaining wall. Removal of the clay mortar between the stones of the chimney bases and the regrouting of the joints with sand and cement was done by the Contractor at the time the chimney bases were uprighted. This work involved more labor and materials than was originally specified; as a result, the Contractor was reimbursed for the actual costs of labor and materials plus a 15% fixed fee of the total amount.

The brick masonry work was subcontracted to Tom Roach of Appomattox, Virginia. When the specifications were written, it was not anticipated that the brick stems would be taken down; rather a removal of the existing mortar and repointing was contemplated. Hence, the issue of Addendum No. 1, which called for the elimination of the flue liners and dampers, would have been impractical to install with the brick flues in place. After the decision was made to remove the brick stems as an aid to save and upright the stone bases, the opportunity to install the flue liners came about. Eight inch by twelve inch flue liners were installed in the north chimney for use with a future oil-fired furnace and

in the south chimney for use with a future fireplace in the living room. The present fireplace opening in the south room, first floor, is not the correct size to function well. It is recommended that the opening be reduced in size and a damper installed just below the flue liner when the house is converted into living quarters.

The brick stems were measured prior to removal and reconstructed to these dimensions. It was found that both chimney stems were originally constructed with a taper of one inch from top to bottom. The east and west sides varied in size of over one inch in depth. The three inch plastered ring just under the chimney cap was replaced. The mortar joints were penciled according to evidence found on the brickwork.

The three brick hearths were laid in the same pattern as measured for HABS in 1959.

The writer does not recommend the use of the two second floor fireplaces; rather these should be blocked off (without damage) and the finished wall extended over the front of the fireplace openings.

4. Carpentry Work

Construction work started the 19th of October; a late date considering the contract was awarded in June. Concentration of the workmen, by the Contractor, on the McLean House Outbuildings accounted for the lapse in time between contract award and con-

struction work on the Wright House. As a consequence, this time delay coupled with days of snow, rain and cold weather throughout the winter months, the project was extended an additional 45 days at the request of the Contractor to complete the work.

Illustration No. 5 shows the condition of the foundation sills after their removal, a pile of termite riddled pieces. Pressure treated (pentachlorophenol) lumber was used throughout for the built-up laminated foundation sills and for the 2" x 10" rough-sawn timbers which were placed beside each of the original floor joists on the first floor for additional strength. Other lumber used for the porch floor, steps and lattice work was pressure treated with a salt solution to prevent discoloring of the natural wood.

The carpentry work was limited primarily to replacement of the architectural features on the exterior of the house. Several original oak studs that were end rotted near the foundation sill were cut off and spliced. One new full length diagonal wall brace was required in the northeast corner on the first floor. Three full length oak studs were used in locations where the original wall members were missing.

Three oak rafters where spliced in the roof from the collar tie to the attic floor on the west side of the house where

the 1890 dormer was located. New sheathing was required to cover this section of the roof in addition to replacing pieces of original boards throughout that were damaged by dry rot.

An attempt to pull the roof structure back into a vertical position ended in failure. After further study of the roof structure, it was concluded that the existing condition of the rafters, wind braces and sheathing, which are over three inches out of plumb, were originally constructed in that manner. The amount of error increasing in the roof from north to south.

5. Porches

The architectural study in 1959 did not uncover any physical evidence in the frame of the house to verify the existence of porches. If the porches existed during the 1860's, as we have shown, these would have been built against the weatherboarding. This evidence was destroyed during the remodeling of 1890. Interviews with local persons in 1959, failed to produce any information relating to the appearance of the house prior to 1890. Thus, the porches are conjectural.

We have evidence that full length porches were used on several buildings in this area, such as, the McLean House (1848); the Clover Hill Tavern and Dining Room Wing (both porches probably built after 1846); the Clover Hill Tavern Guest House (1820); and

the Sweeney Prizery (ca. 1800, which is the best supporting evidence. See Stabilization Report of August 1961). This information and with the view in mind that the house will be adapted to future living quarters, the addition of porches not only enhances the visual quality of the house, but contributes a practical architectural element for the eventual use of the house.

6. Painting and Finishing

As recommended in the Architectural Data Section, Part I, Historic Structures Report, the exterior finish of the house was to remain unpainted and to weather out as was the Kelly House when it was completed in 1959. In 1959 several small sections of original poplar weatherboarding were removed from the exterior of the house. These pieces have been saved to illustrate that the boards were never painted. Fortunately about 30 feet of cornice crown moulding and 18 feet of cornice fascia board survived the remodeling of 1890. It was left intact on the northeast corner of the house. An ell addition was built against this side of the house in 1890 and unwittingly (to John Rosser) preserved for posterity, this portion of the original fabric. Some of these same cornice pieces were reused on the east elevation, where they were found to serve as a record for future maintenance work.

All of the original window and door frames and casings

(interior and exterior architraves), original corner boards and sections of the weatherboarding that were removed and replaced on the building have been saved for recording purposes. One of the most neglected phases of the Park records is the identification and preservation of the historic artifacts and architectural elements removed from the various buildings in the village. Many valuable pieces of mouldings, mantels, etc., have been indiscriminately discarded. Future maintenance work cannot depend upon the accuracy of presently replaced pieces, rather the original members must be used for reproduction purposes.

7. Interior Work

Interior work was limited to the repair of the floor boards, installation of the door and window casings and the laying of three brick hearths (to their original pattern as measured for HABS in 1959). Provisions were made for the future use of the house as living quarters. Electrical and telephone conduits, wall sleeves for water entry and oil tank levelometer tubing, two copper tubes for fuel oil supply and return, cast iron drains for kitchen, bathroom and washing facilities were incorporated into the basement area. These pipes, for the most part, extend beyond the basement foundation wall a few feet and are capped off. The location of these utility features are indicated on Drawing No. NHP-ACH 3072C

and can be readily found by digging near the foundation wall to the footing level. Care must be taken during earth removal to prevent breaking of the terra cotta footing drain pipe. Electrical conduit was placed in the ceiling of both porches for future recessed lighting fixtures. The conduit extends into the main house about four inches.

Plans for the future use of air conditioning units will need to be worked out on the job when quarters are installed. Without air conditioning, the second floor will be almost unuseable. A high ceiling return should be incorporated into the heating-ventilating system on the second floor level to achieve a more workable system.

ILLUSTRATION NO. 1

The west elevation of the Mariah Wright House prior to stabilization work accomplished in 1959. The major alterations to the house, i.e., changes to doors, windows, weatherboarding, porch and dormer were done in ca. 1890 by John Rosser.

Photo: National Park Service
Jack E. Boucher, December 1958

EODC Neg. No. 106.311



ILLUSTRATION NO. 2

The south elevation showing the major additions and changes of 1890, mainly the west porch and dormer, cornice extension, weatherboarding and east ell. The small second floor windows approximate the size and location of the original sash.

Photo: National Park Service
Jack E. Boucher, December 1958

EODC Neg. No. 106.54



ILLUSTRATION NO. 3

View from the northeast of the Mariah Wright House five years after the stabilization and moth ball project of 1959.

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

Neg. on file at Park



ILLUSTRATION NO. 4

General construction work started October 19th, although the contract was awarded in June, the Contractor had his men working on the completion of the McLean House dependencies. This view shows the house after the "Homosote" board was removed from the walls and the foundation stone taken from under the house.

Photo: National Park Service
Orville W. Carroll, October 1964

Neg. on file at Park



ILLUSTRATION NO. 5

A pile of rotted foundation sills removed from the building of ca. 1823. These sills were replaced with built-up members of pressure treated lumber. The Contractor, R. A. Sears, stands to the left.

Photo: National Park Service
Orville W. Carroll, October 1964

Neg. on file at Park


CHEVROLET

ILLUSTRATION NO. 6

The house structure was supported by exterior diagonal braces while new laminated sills and additional floor joists were installed. View from the southwest.

Photo: National Park Service
Orville W. Carroll, October 1964

Neg. on file at Park



ILLUSTRATION NO. 7

A one-quarter inch plywood "skin" was nailed to the exterior wall studding for rigidity. View of the south and east walls.

Photo: National Park Service
Orville W. Carroll, October 1964

Neg. on file at Park



ILLUSTRATION NO. 8

Excavation by machine was started after a house moving crew placed a steel beam with wooden cross members under the recently replaced foundation sill. A wide trench was cut at the southeast and southwest corners of the building to permit access by machine. Part of the trench was later utilized to lay drain tile.

Photo: National Park Service
Orville W. Carroll, November 1964

Neg. on file at Park



ILLUSTRATION NO. 9

Machine excavation on the west side of the Mariah Wright House. Wooden cribbing has been installed under the steel beam to support the house while the remaining earth was removed around the chimneys. The finish excavation work was done by hand and a small tractor equipped with a blade.

Photo: National Park Service
Orville W. Carroll, November 1964

Neg. on file at Park



ILLUSTRATION NO. 10

Pouring the concrete footings after the wooden forms and steel reinforcing bars were set in place. Vertical reinforcing steel bars were attached to the standard hooks seen in the footing as placed in front of each chimney base to prevent failure of the concrete wall due to stresses imposed by the weight of the chimney. View of south wall.

Photo: National Park Service
Orville W. Carroll, November 1964

Neg. on file at Park



ILLUSTRATION NO. 11

The concrete footing and foundation wall as it appeared on the east side after the wooden forms were removed. The bulkhead to the right will be exterior steps to basement. The house sewer line leaves the building near the juncture of the basement steps and the main foundation wall in the foreground.

Photo: National Park Service
Orville W. Carroll, December 1964

Neg. on file at Park



ILLUSTRATION NO. 12

Workman laying the foundation tile drain around the east wall after waterproofing of walls was accomplished with an application of foundation cement and polyethylene film.

Photo: National Park Service
Orville W. Carroll, December 1964

Neg. on file at Park



ILLUSTRATION NO. 13

Gravel fill being placed above the four inch terra cotta tile foundation drain along the west wall. Shown is the foundation flashing, cut and soldered in place.

Photo: National Park Service
Orville W. Carroll, December 1964

Neg. on file at Park

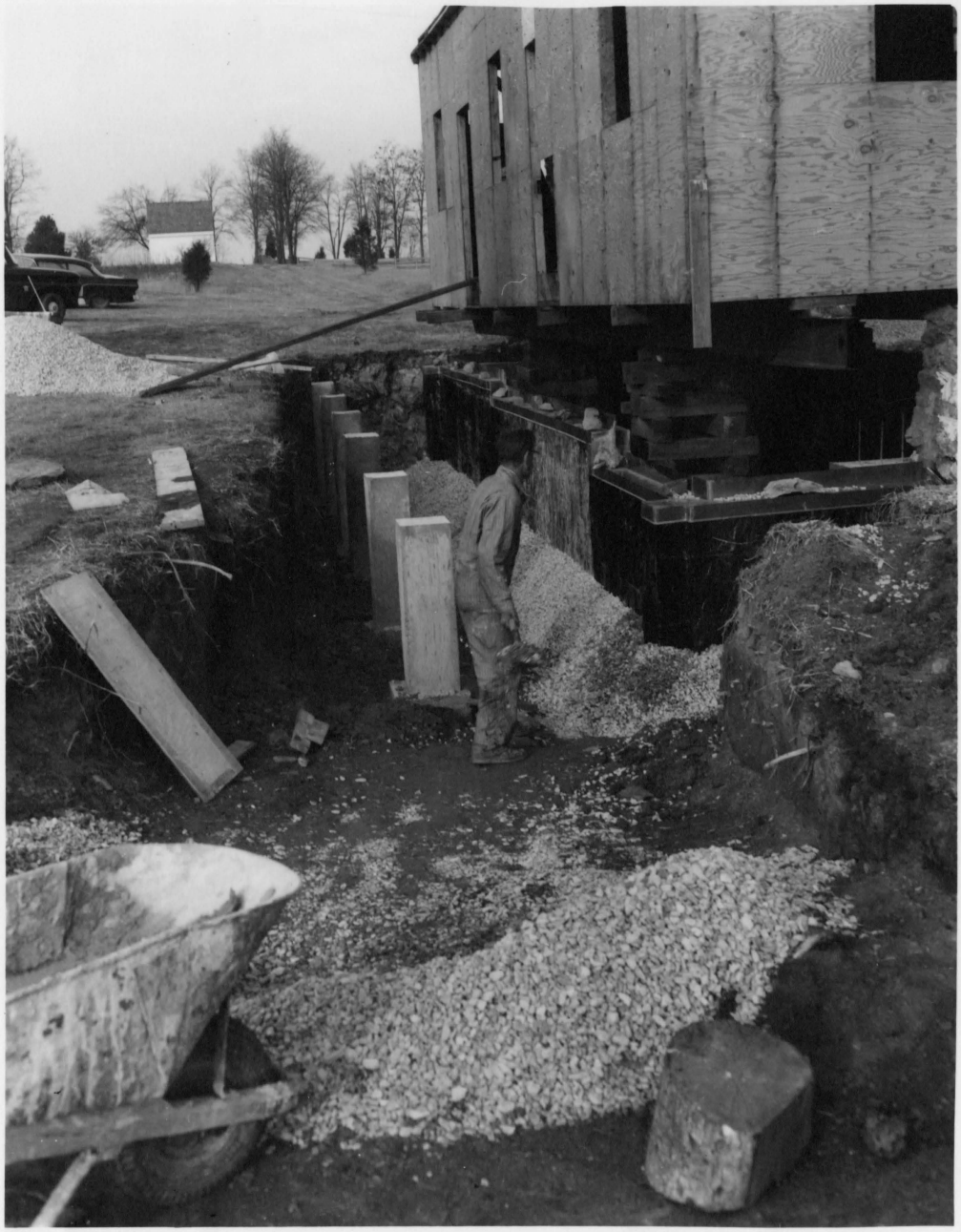


ILLUSTRATION NO. 14

Mr. Grover Childers is shown laying the 4" terra cotta tile that connects to the foundation drain. The tile runs southeast about 90 feet from the house corner to a surface outlet.

Photo: National Park Service
Orville W. Carroll, December 1964

Neg. on file at Park

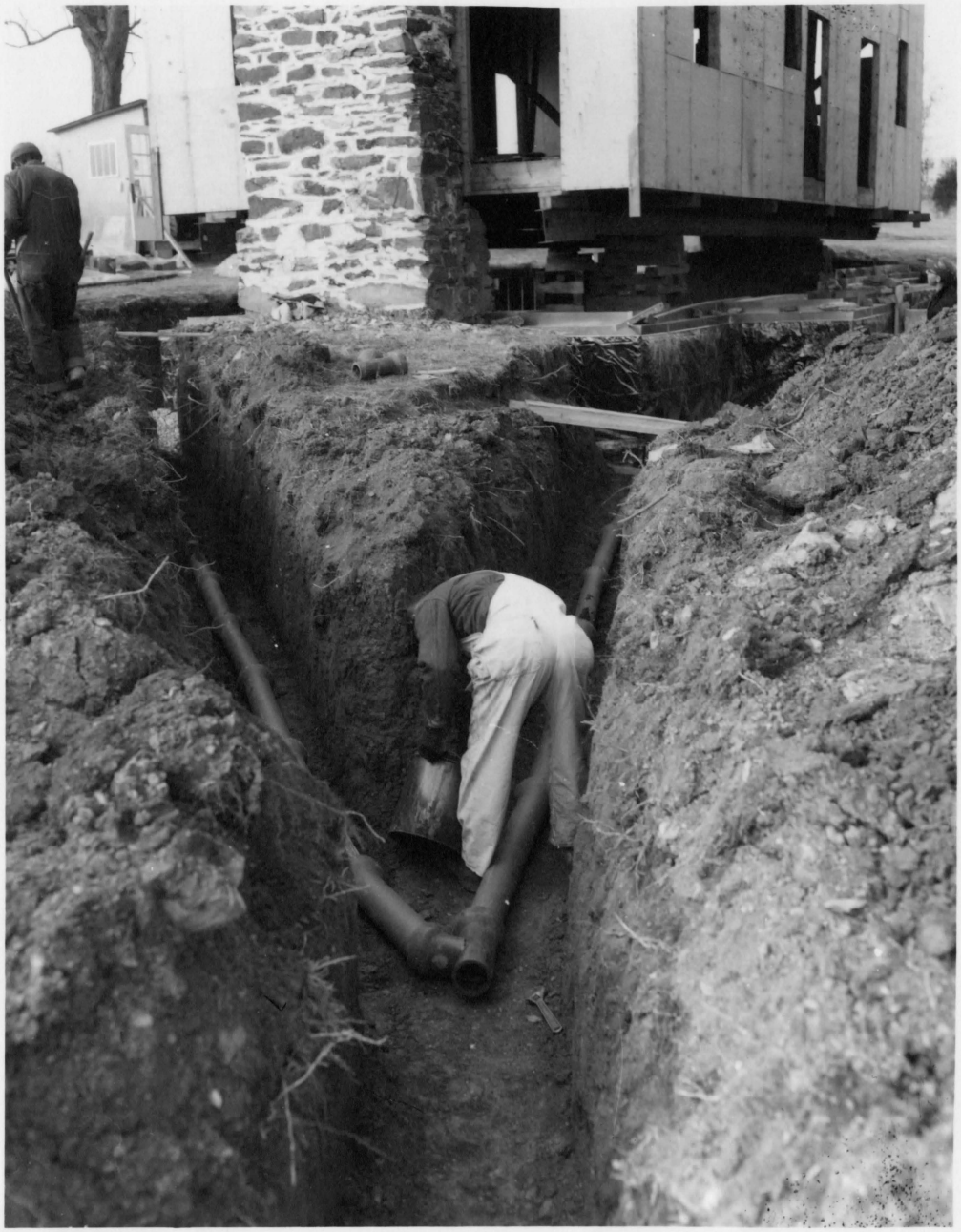


ILLUSTRATION NO. 15

Backfilling was accomplished by using a front-end loader and a mechanical tamping machine. The stone masons have begun the stone foundation wall on the east side.

Photo: National Park Service
Orville W. Carroll, January 1965

Neg. on file at Park



ILLUSTRATION NO. 16

The clay fill was removed from the stone chimney bases and replaced by forcing a stiff mortar composed of cement and sand into the voids. Removal of the brick chimney stems occurred in November to permit the uprighting of the stone bases. View from the southwest.

Photo: National Park Service
Orville W. Carroll, January 1965

Neg. on file at Park



ILLUSTRATION NO. 17

Application of the beaded poplar weatherboarding on the east wall.

Photo: National Park Service
Orville W. Carroll, January 1965

Neg. on file at Park



ILLUSTRATION NO. 18

Workmen have started to build the porch frame for the floor on the west side of the house. The lumber is nominal size, but has been pressure treated for termite resistance.

Photo: National Park Service
Orville W. Carroll, January 1965

Neg. on file at Park



ILLUSTRATION NO. 19

View of the southwest walls after door-window frames, weatherboarding and cornice had been installed. The workmen are preparing to jack the south stone chimney base against the wall.

Photo: National Park Service
Orville W. Carroll, January 1965

Neg. on file at Park



ILLUSTRATION NO. 20

Looking northeast. The north brick chimney stem has been completed and work has begun on the south chimney. Flue liners were placed in both chimneys for future use. The roof scaffolding was built above the chimney bases to permit guide lines to be used in rebuilding the brick stems to their original size. Both stems tapered one inch to the top and had unequal side dimensions varying over one inch. The plastered ring under the chimney cap is unique in this area. The wooden shingled roof is nearing completion on both sides.

Photo: National Park Service
Orville W. Carroll, February 1965

Neg. on file at Park



ILLUSTRATION NO. 21

West elevation showing the porch construction. At this stage of construction, the porches remain the last item to be completed.

Photo: National Park Service
Orville W. Carroll, February 1965

Neg. on file at Park



ILLUSTRATION NO. 22

South elevation. Photograph indicates the rate of construction progress by February 26th.

Photo: National Park Service
Orville W. Carroll, February 1965

Neg. on file at Park

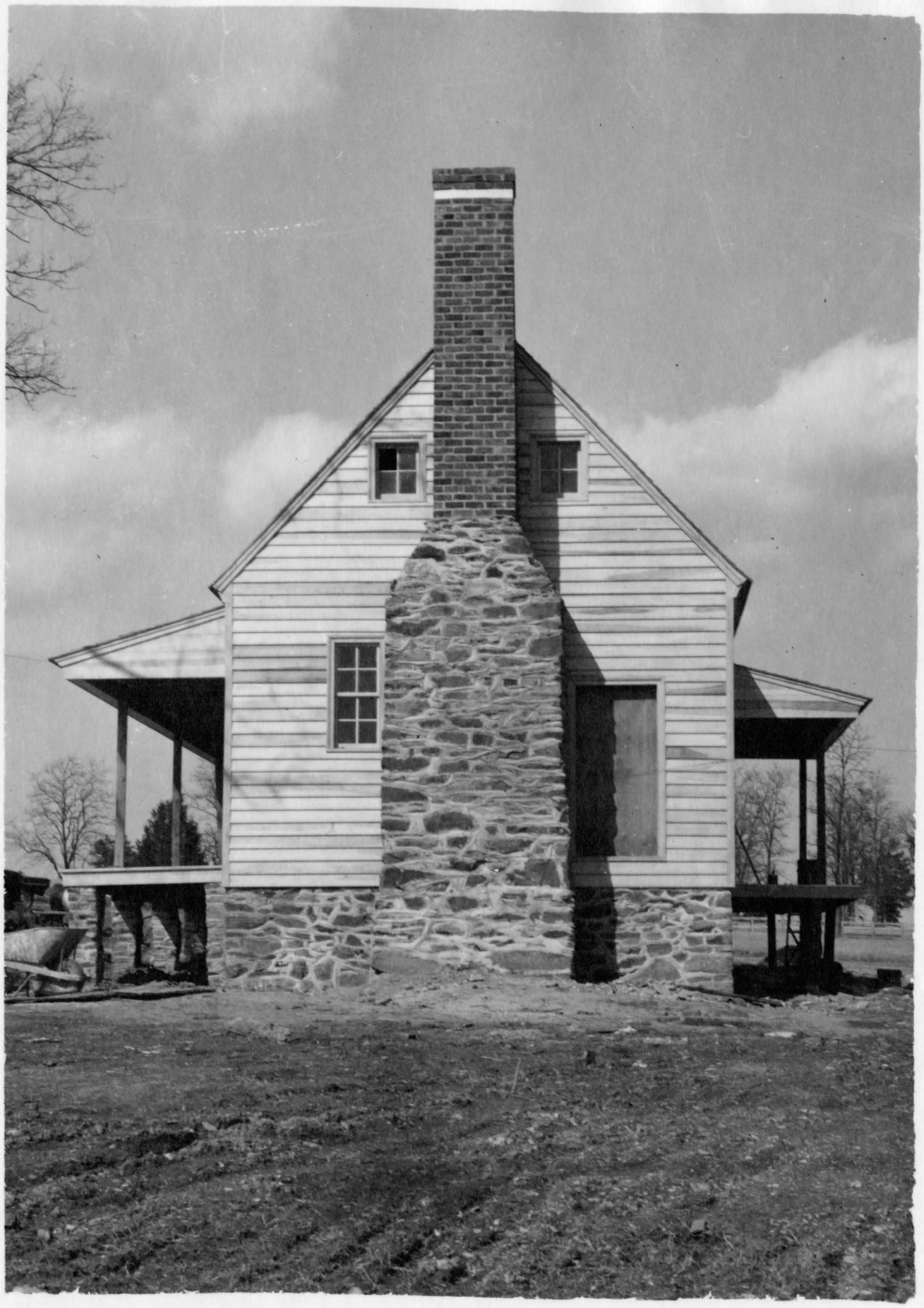


ILLUSTRATION NO. 23

The Mariah Wright House as seen from U. S. Route No. 24, the by-pass highway skirting the old village of Appomattox Court House. View looking back at the village to the north-northwest.

Photo: National Park Service
Orville W. Carroll, March 1965

Neg. on file at Park



ILLUSTRATION NO. 24

A close-up view of the southeast corner showing the south and east walls. The cellar bulkhead door was not original to the house and serves only as an outside entrance into the basement.

Photo: National Park Service
Orville W. Carroll, March 1965

Neg. on file at Park



ILLUSTRATION NO. 25

The completed building; looking southwest.

Photo: National Park Service
Orville W. Carroll, March 1965

Neg. on file at Park



ILLUSTRATION NO. 26

The interior trim (window and door architrave) was changed slightly from the approved plans to conform to a newly found piece of interior trim matching the size of the original window frames. The same profile moulding (one piece) was used on the door frames.

Photo: National Park Service
Orville W. Carroll, March 1965

Neg. on file at Park

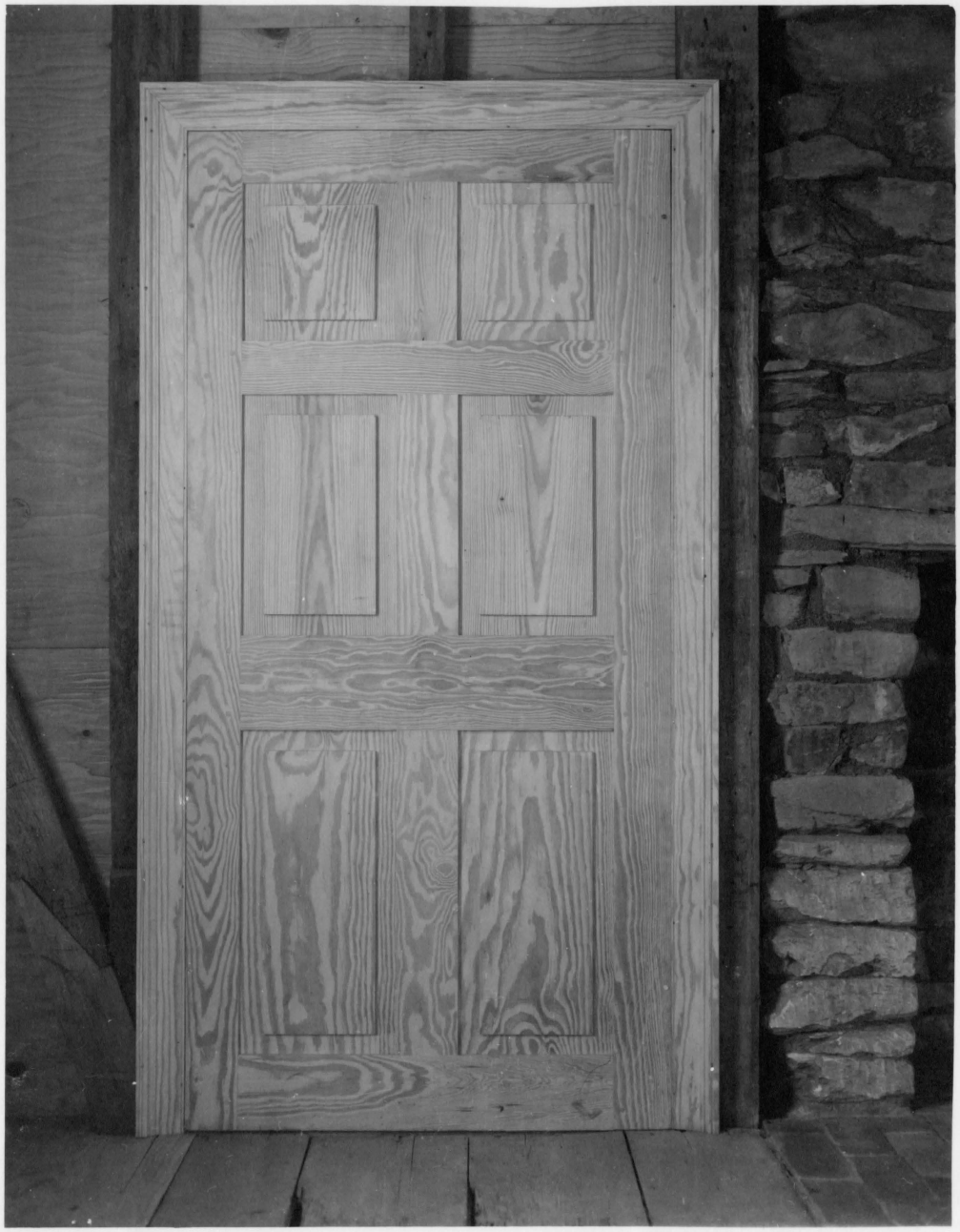


ILLUSTRATION NO. 27

Interior view of the basement, looking north. Two conduits for the telephone and electrical service can be seen near the center; in front of the conduits is a 4" sewer hook-up. To the rear is copper tubing for a fuel oil line and in the wall is a chimney thimble for a furnace hook-up. These utility items were placed for ease of future adaption of the house into living quarters.

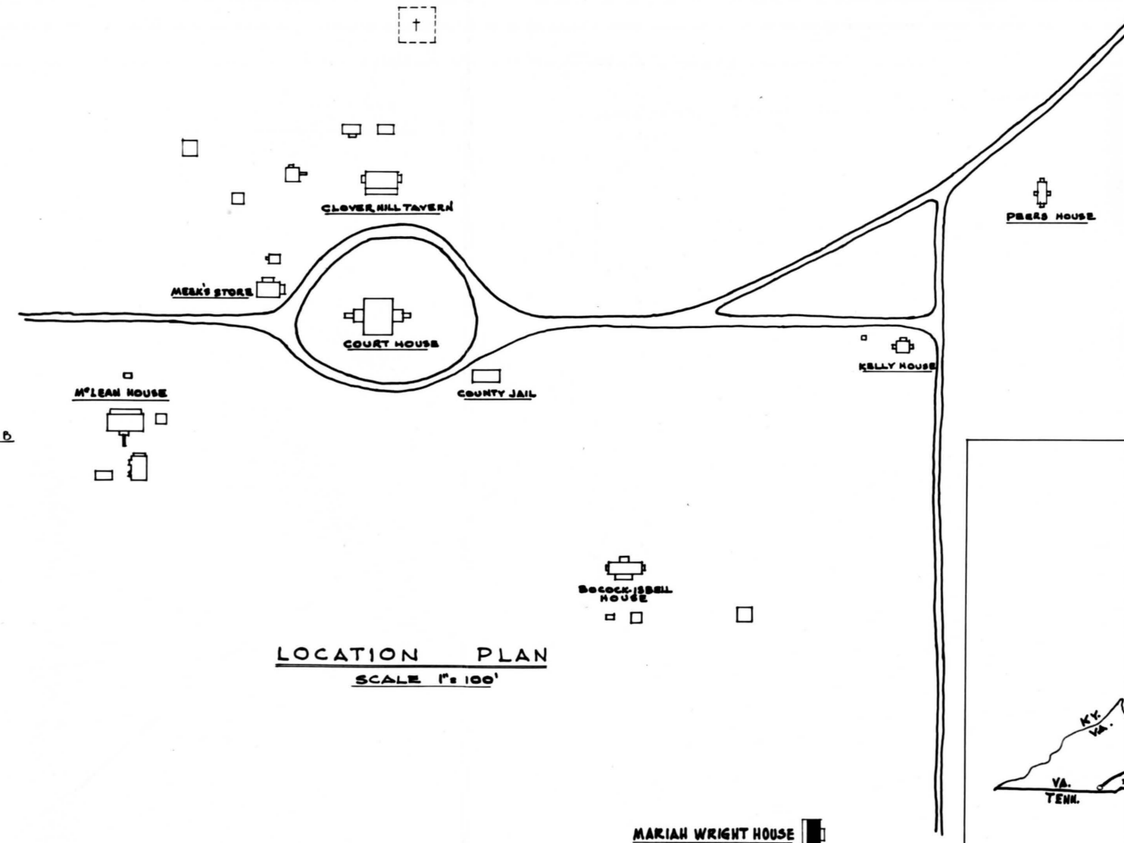
Photo: National Park Service
Orville W. Carroll, March 1965

Neg. on file at Park



Appomattox Court House National Historical Park

RESTORATION OF MARIAH WRIGHT HOUSE



LOCATION PLAN
SCALE 1"= 100'

SCHEDULE OF DRAWINGS

RESTORATION OF MARIAH WRIGHT HOUSE — NHP-ACH 3072 B

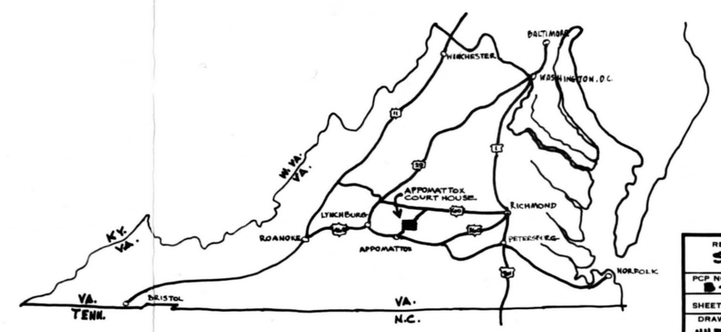
0 Cover Sheet . Location Plan
1 Floor Plans
2 Elevations
3 Details

This drawing has been prepared in compliance with Preliminary Drawing contained in Historic Structures Report, Part I approved by

Robert E. Smith — Chief Architect NPSC
Name — Title

on 12-[illegible]-59
Date

Robert E. Hall — 5-20-64
Chief, EODC — Date



LOCATION MAP

REGION	SE
PCP NO.	B-15-5
SHEET	0 OF 3
DRAWING NO.	NHP-ACH 3072-B
DATE	MAY 1964

BASIC DATA APPOMATTOX COUNTY - VA. APPROVED HISTORIC STRUCTURES REPORT

EXISTING FLOOR
REPLACE ROTTED SILL WITH BUILT-UP HEADERS (PRESSURE TREATED)
STREAKING THRU JOISTS
HINGE ROD
½" SQ STOP
THUMB LATCH
CAULK SILL, JAMB & HEAD MEMBERS
STONE WALL

BASEMENT WINDOW & FRAME SECTION 1½" = 1'-0"

½" PLYWOOD
⅞" x 7" V. POPLAR WEATHERBOARDING
1'-0"
1'-3¾"
1'-10¾"
2'-0"

BASEMENT WINDOW & FRAME ELEVATION 1½" = 1'-0"

BALUSTER 1⅛" x 1⅛" W/ FILLER

UPPER — FULL SIZE PORCH RAILINGS — LOWER

NOMINAL SIZED JOISTS (2"x6" PRESSURE TREATED)
WALL JOIST

PORCH FRAMING (EAST)

2" x 6" RAFTER 2'-0" O.C.
1"x4" ROOF BOARDS
18" WOOD SHINGLES @ 5"
NAIL 2"x 4" CEILING JOIST - 2'-0" C
2" x 4" PLATES
5" OVERHANG ON PORCH ROOF
5" OVERHANG ON MAIN ROOF
BEADED BOARDS (BEAD TO MATCH VERT. BOARDS OF STAIRWAY) T&G
EXTEND BEADED END BOARDS PAST CORNICE AND SHAPE ENDS OF BOARDS TO THIS PROFILE -- APPLY VERGE BD. OVER BEADED BOARDS.
5½"
COLUMN LENGTH 7'-0½"
CHAMFER COLUMNS (4 SIDES)

PORCH CORNICE SECTION 3" = 1'-0"

NEW CORNER BOARDS (MATCH ORIGINAL) EXISTING WALL CURT AND STUDDING
EXTEND ROOF SHINGLES 5" BEYOND CORNICE
FLASHING UNDER SHINGLES AND WEATHERBOARDING
2"x6" RAFTERS
2"x4" JOISTS
2"x 4" PLATES
5" BEADED CEILING BOARDS FULL PORCH LENGTH. BOTH PORCHES NAIL BIG HEAD (ROOFING) NAILS ON 2'-0" CENTERS - FACE NAIL-T&G
PBG TENONS
1⅛" SQ BALUSTERS SPACED 2½" APART
LEAVE EXISTING FLOOR
REPLACE ROTTED SILLS WITH NEW MATERIAL
2"x 6" JOISTS (PRESSURE TREATED)
LATTICE WORK 2"x 4" FRAME ½"x 2½" LATTICE (PRESSURE TREATED)
NAIL FLASHING UNDER FRAMING
CREASING & COVERED WITH BEADED BD. ⅞"x 12"
WHEEL POST @ 3'-1'-0"
⅝" CHAMFER (4 SIDES)

PORCH CONSTRUCTION SCALE ½" = 1'-0"

40'-0"
10'-0"
15'-5"
10'-0"
7'-0½"
7'-0½"
15'-0"
8'-4"
CONNECT FLOOR DRAINS AND 4" FOOTING TILE DRAIN TO 4" T.C. CEMENT JOINTS & DAYLIGHT TO SOUTH - SLOPE 1/8"/FT.
FOOTING W=12 D=10"
CONNECT TO 4" TERRA COTTA DRAIN
4" C.I. HOUSE SEWER T.O. BEYOND FOUNDATION & CAPPED OFF SLOPE ¼"/FT
FLOOR DRAIN
WIRE MESH
4" CONC. SLAB - REINF. CAC"x4" 10 MESH
CAP OFF 1" SLEEVE
4" SLEEVE (CAP)
SILL
NEW DOOR 3'-0"x 6'-8"
UP TO KITCHEN SOUND OFF 2" C.I. Y & CAP 18" ABOVE THE FLOOR
FUTURE DRAIN IN FLOOR, 8" FOR WASHER, CAP OFF: 12" HIGH
TWO - ¾" COPPER TUBES FOR FUEL OIL SUPPLY 12" ABOVE THE FLOOR
FOOTING W=12 D=10"
4" C.I. HOUSE DRAIN
FLOOR DRAIN CI.
2" C.I. FLOOR DRAIN LINE
FOUNDATION DRAIN SLOPE ½"/FT TO THIS POINT
STABILIZE EXISTING CHIMNEY BASES
10'-0"
5'-4"
2" FLUE CEMENT
12" ABOVE FL.
3'-6"
4" TO 3" COPPER 10 C.I. ADAPTER 12" ABOVE FLOOR (CAP OFF) 4" BL CLEAN-OUT AT FLOOR LEVEL (CAP OFF)
10'-4"
3'-6"
12"x12" PIER D'-8"
4" CONCRETE FLOOR SLAB - REINFORCE WITH 6"x6" NO 10 WIRE MESH - SLOPE TO DRAINS. 3-#4 DEFORMED BARS CONT. IN FOOTINGS
(SEE DETAIL THIS SHEET) ALL NEW WINDOWS & FRAMES
FOOTING LINE

18"x18"x 8' DEEP CONC. FOUNDATIONS
12"x 12" STONE PIERS OVER
7'-0"
8'-0"
7'-2"
8'-0"
7'-8"
38'-6"

BASEMENT PLAN

16'-8¾"
4⅝"
7'-11 ⅜"
7'-11 ⅜"
4⅝"
6'-0"
PORCH
SLOPE FLOOR 1"
NEW DOOR (FASTEN CLOSED)
NIGHT LATCH TO OPERATE FROM EXTERIOR OF DOOR
EXISTING PARTITION
EXISTING PARTITION
NEW DOOR (FASTEN CLOSED)
NEW STEPS
(DETAILS TO BE FURNISHED)
BUILD BULKHEAD DOOR (BOARD & BATTEN - CLINCHED AND WROUGHT NAILS) HARDWARE - HINGES - HASP & PADLOCK
NOTE: NAIL DESIGN

NO INTERIOR WORK EXCEPT AS INDICATED

REPAIR HEARTH (REPLACE BRICKWORK) MATCH OLD PAVE.
8" x 12"
DOOR AND WINDOW LOCATIONS ARE ORIGINAL 1823 CONSTRUCTION POSITIONS - MATCH PROFILE OF FRAMES - DIMENSIONS OF ALL ORIGINAL WOODWORK.
REPAIR HEARTH (REPLACE BRICKWORK)
REPLACE BEAM UNDER PARTITION
REPAIR FLOOR BOARDS WHERE REQUIRED REINF. CRACKED CEILING BEAMS
ALL NEW WINDOWS AND DOORS REQ'D
NEW DOOR (FASTEN CLOSED)
EXISTING SLOPE
NEW DOOR - WITH NIGHT LATCH TO OPERATE FROM INTERIOR ONLY
REMOVE & REPLACE 10"x10" FOUND SILL
PORCH FLOOR - RANDOM WIDTHS 8"-9"-10"-11" T&G - Y.P. - 1⅛" THICK - PRESSURE TREATED - SET T & G IN WHITE LEAD PASTE - REMOVE ALL MARRING MARKS BY SANDING NAIL WITH 10d NAILS WITH HALO HEADSHOT HEADS SHOWING - FACE NAIL IN 2'-0" CENTERS
PORCH
SLOPE FLOOR 1"
8'-0"
4⅝"
7'-11¼"
8'-0"
7'-2"
8'-0"
7'-11⅛"
4⅝"
39'-9¾"

FIRST FLOOR PLAN

SCALE ¼" = 1'-0"

NOTE: CONTRACTING OFFICER TO VERIFY AND APPROVE RECORDING OF 1ST FLOOR LEVEL BEFORE WORK BEGINS.

PORCH FLOOR BDS
NOMINAL SIZE 2"x 6" JOISTS PRESSURE TREATED
1'-2"x6"
2-2"x6"
3-2"x6"

PORCH FRAMING (WEST) SCALE ½" = 1'-0"

EXTEND ROOF SHINGLES 5" BEYOND CORNICE
FLASHING UNDER SHINGLES AND WEATHERBOARDING
2"x6" RAFTERS
2"x4" JOISTS
2"x 4" PLATES
PBG TENONS
1⅛" SQ BALUSTERS SPACED 2½" APART
LEAVE EXISTING FLOOR
REPLACE ROTTED SILLS WITH NEW MATERIAL
2"x 6" JOISTS (PRESSURE TREATED)
LATTICE WORK 2"x 4" FRAME ½"x 2½" LATTICE (PRESSURE TREATED)
NAIL FLASHING UNDER FRAMING
CREASING & COVERED WITH BEADED BD. ⅞"x 12"
3'-6"
2'-0"
2'-0"
1'-6"
2'-0"
ORIGINAL STUDDING
½" PLYWOOD
LEAVE ORIGINAL FLOOR
STREAKING THRU ORIGINAL 18" OAK JOISTS WITH DOUBLE FIR JOISTS
WEATHERBOARDING TO BE YELLOW POPLAR - RETAIN ORIGINAL BEADING - LEAVE UNPAINTED BUT APPLY TWO FLOOD COATS OF "HYDROZO" (HYDROZO IS A CLEAR WATERPROOFING AGENT)
½"x 8' BOLT ON 8' CENTERS
NOTE: PRESSURE TREAT ALL NEW SILLS & JOISTS WITH PENTACHLOROPHENOL.
REUSE STONE REMOVED FROM ORIGINAL FOUNDATION WALL - MATCH MORTAR COLOR, POINTING AND MORTAR TEXTURE.
COPPER FLASHING CONTINUOUS
DEPTH OF STONE VARIES WITH GRADE CONDITIONS.
POLYETHYLENE ABARRANE .006 MIL APPLY WITH ASPHALT BASE
12"
7'-6"
4" CONC. SLAB - REINF. 6"x6"x10 MESH
EXPANSION STRIP
GRAVEL FILL
4" CONC. SLAB
4" GRAVEL
POLYETHYLENE UNDER SLAB .006 MIL
4" TILE DRAIN T.C.
3-#4 CONT. BARS
1'-0"

SECTION THROUGH BASEMENT WALL SCALE ¾" = 1'-0"

FULL SIZE VERGE BOARD 3/4" x 5" (FADER AS SHOWN)

ORIENTATION

PREPARED EXISTING
DESIGNED
CAROLL
DRAWN
CHECKED
DATE | INITIAL
REVISED

WORKING DRAWINGS
SCALE AS SHOWN

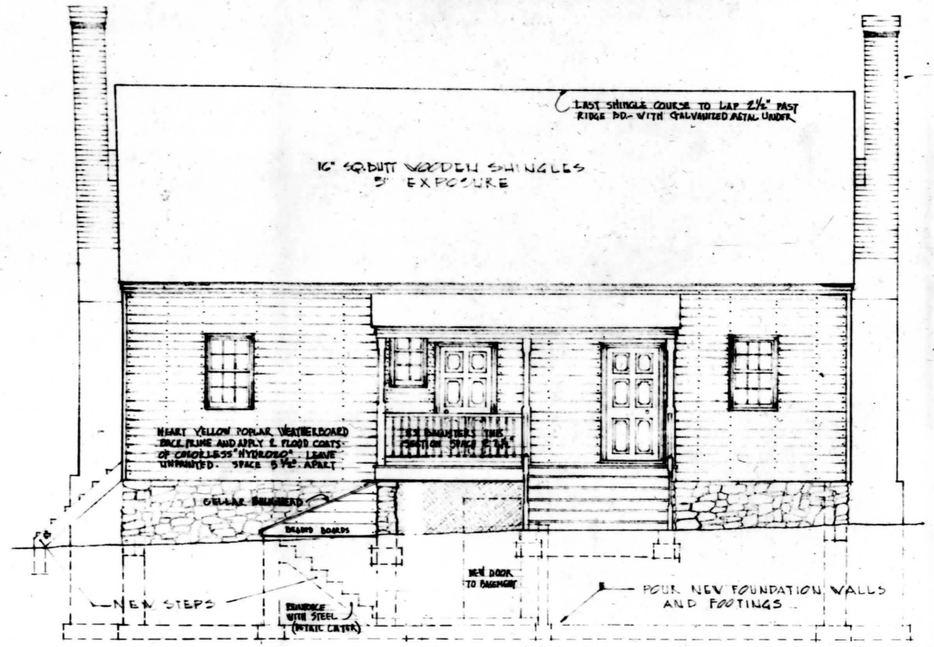
RECOMMENDED
CHIEF EODC — DATE
SUPERINTENDENT ALH/MP
SOUTHEAST REGIONAL DIRECTOR
APPROVED
DIRECTOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
PREPARED BY
EASTERN
OFFICE

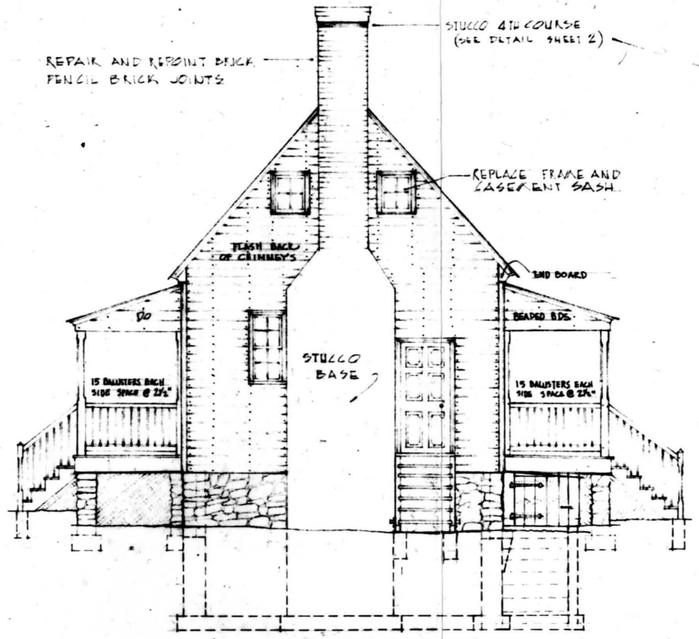
RESTORATION OF THE MARIAN WRIGHT HOUSE
TITLE OF DRAWING
VILLAGE AREA
LOCATION WITHIN PARK
APPOMATTOX COURT HOUSE NATIONAL HISTORICAL PARK
NAME OF PARK

REGION SOUTHEAST
PCP NO. A-15-5
SHEET 1 OF 3
DRAWING NO. NHP-ACH 3078-B
DATE MAY 1964

BASIC DATA APPROVED HISTORIC STRUCTURES REPORT 12-10-59 · · · EXISTING STRUCTURE LOCATED IN APPOMATTOX COUNTY · VIRGINIA

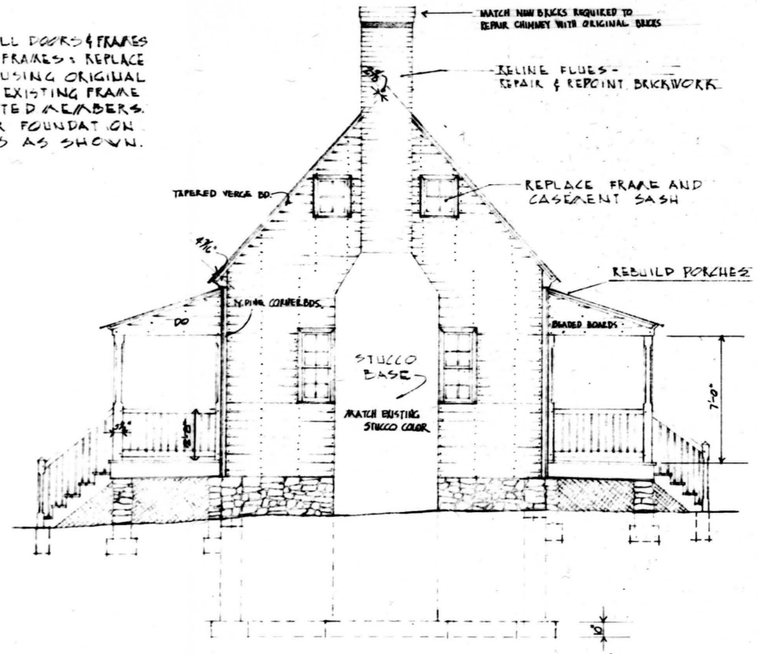


EAST ELEVATION

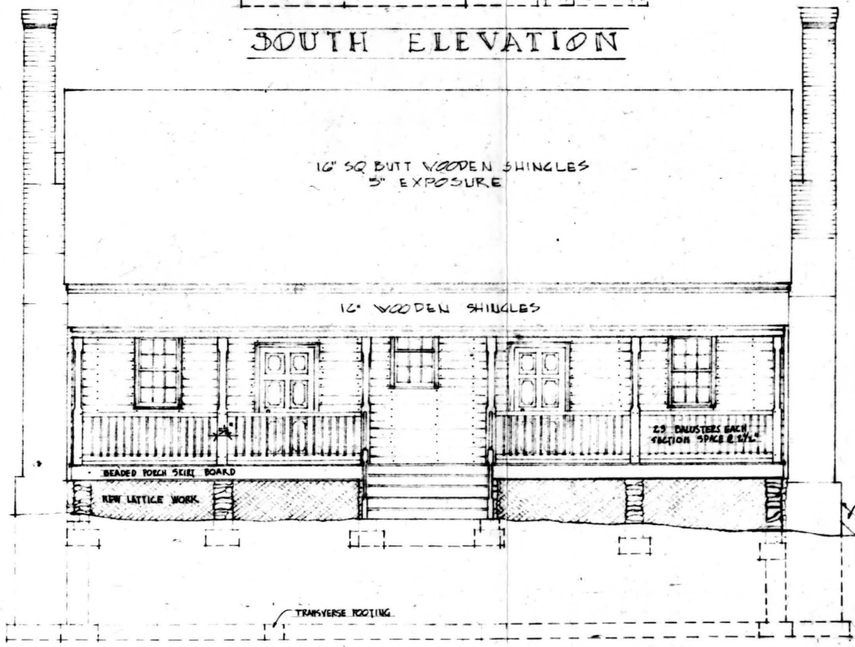


SOUTH ELEVATION

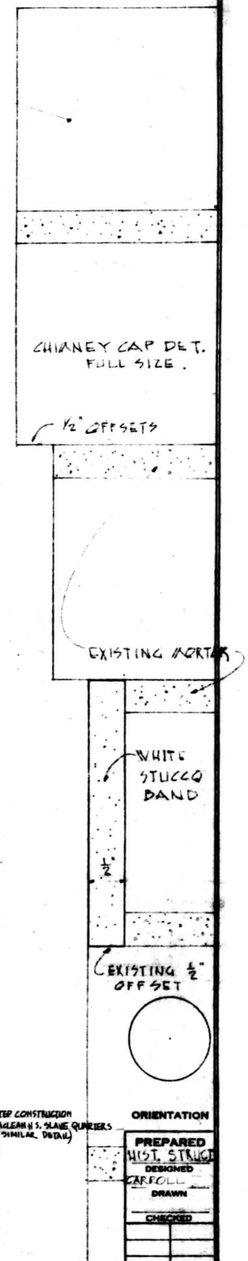
NOTES: REPLACE ALL DOORS & FRAMES REPLACE ALL SASH & FRAMES: REPLACE WEATHERBOARDING USING ORIGINAL PROFILE: REPAIR EXISTING FRAME AND REPLACE ROTTED MEMBERS. EXCAVATE & POUR FOUNDATION WALLS & FOOTINGS AS SHOWN.



NORTH ELEVATION



WEST ELEVATION



ORIENTATION

SCALE ¼" - 1FT-0"

MARK	DESCRIPTION OF REVISION	DATE	INITIAL

PREPARED HIST. STRUCT.
DESIGNED CARROLL
DRAWN
CHECKED

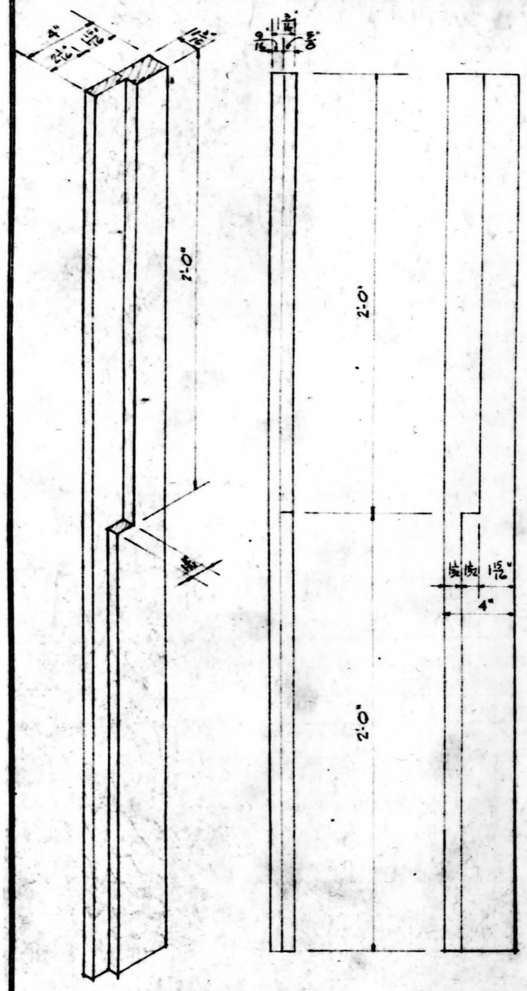
RECOMMENDED _____ DATE
APPROVED _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
PREPARED BY EASTERN OFFICE

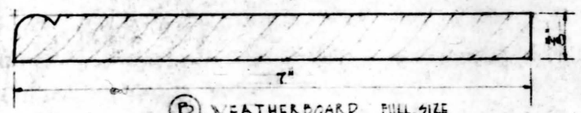
RESTORATION OF THE MARIAN WRIGHT HOUSE
TITLE OF DRAWING
VILLAGE AREA
LOCATION WITHIN PARK
APPOMATTOX COURT HOUSE NAT HIST PARK
NAME OF PARK

REVISED
REGION SE
DRAWING NO. NHP-ACH 2017-B
DATE 11-20-39

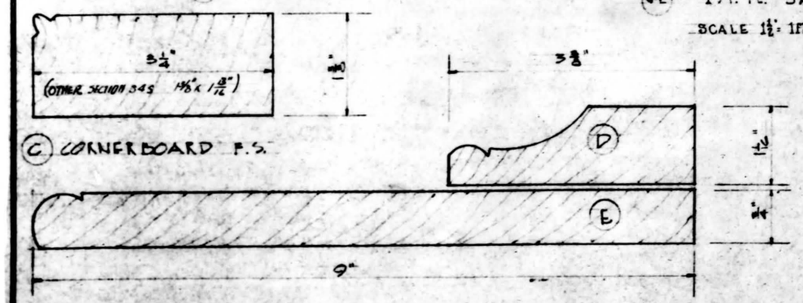
BASIC DATA EXISTING STRUCTURE IN APPOMATTOX COUNTY · VIRGINIA



(A) WINDOW JAMB 3"=1FT-0"

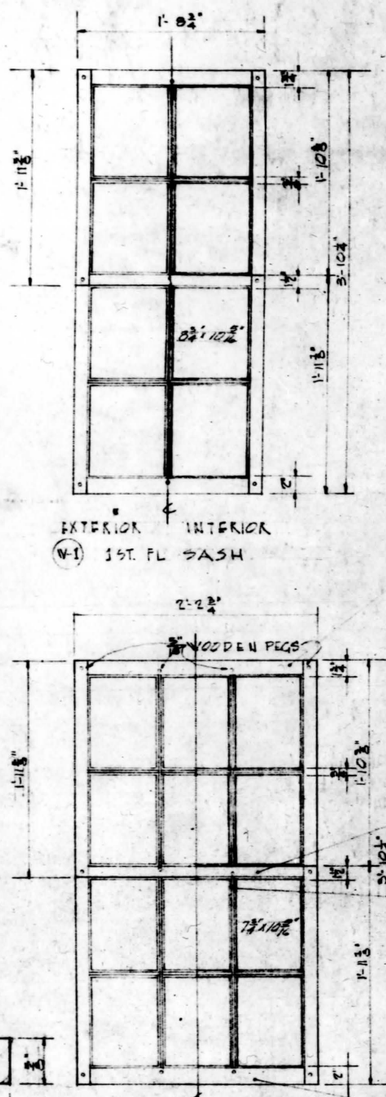


(B) WEATHERBOARD FULL SIZE



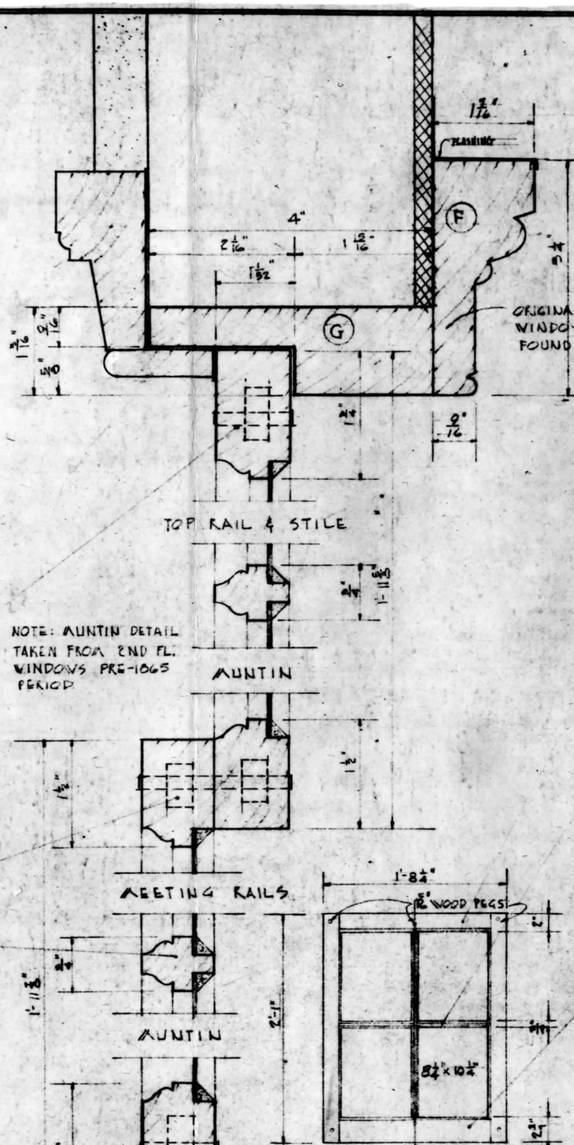
(C) CORNERBOARD F.S.

CORNICE BOARD AND TRIM F.S.



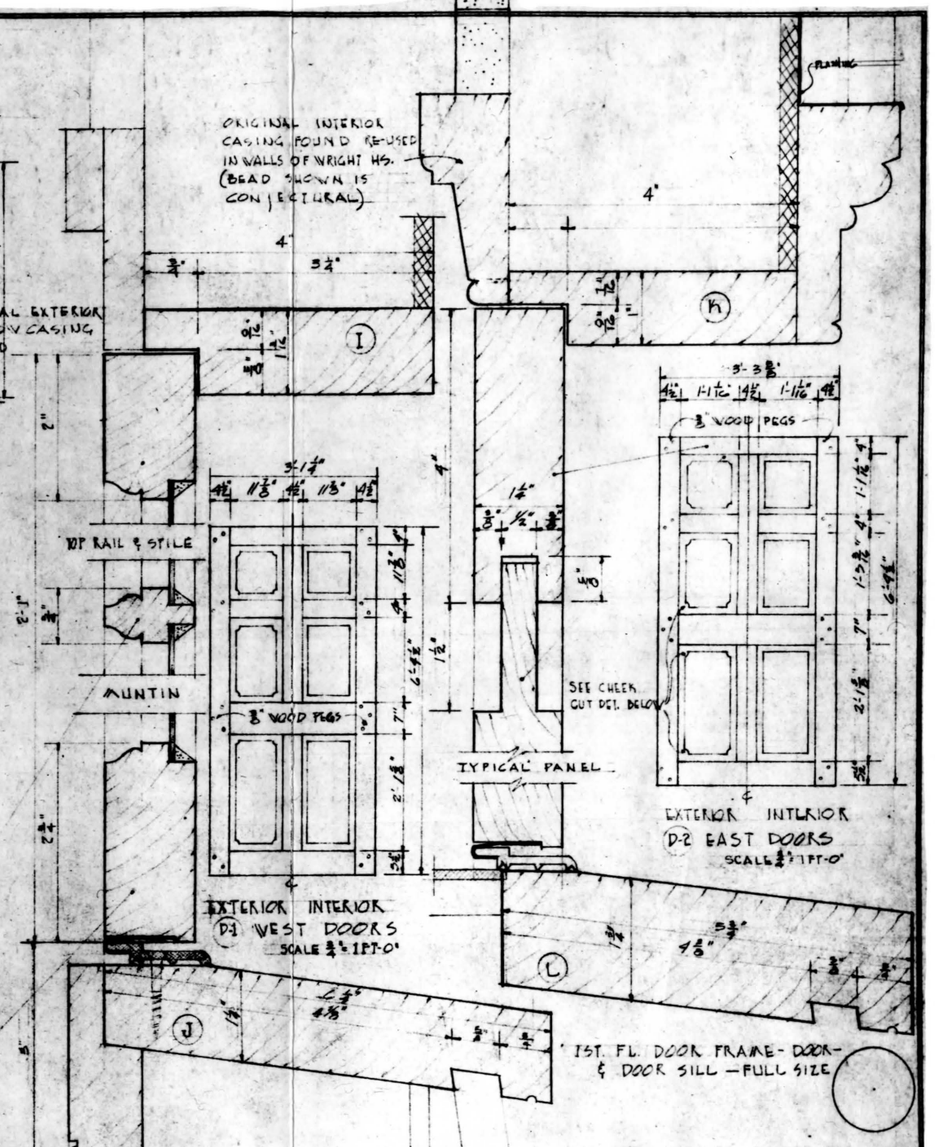
(W-1) 1ST. FL. SASH

(W-2) 1ST. FL. SASH
SCALE 1 1/2"=1FT-0"



1ST. FL. WINDOW FRAME - SASH - STRIM & WINDOW SILL - FULL SIZE

(W-3) END. FL. SASH
SCALE 3/4"=1FT-0"

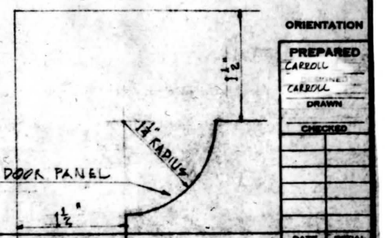


EXTERIOR INTERIOR
(D-1) WEST DOORS
SCALE 3/4"=1FT-0"

(D-2) EAST DOORS
SCALE 3/4"=1FT-0"

1ST. FL. DOOR FRAME - DOOR - & DOOR SILL - FULL SIZE

2ND FL. WINDOW FRAME - SASH & SILL F.S.



CHEEK CUT ON EXT. DOOR PANEL
DETAIL F.S.

BASIC DATA EXISTING ORIGINAL CONDITIONS & USE OF TWOMEY HOUSE FOR DOOR DETAIL

SCALE AS SHOWN

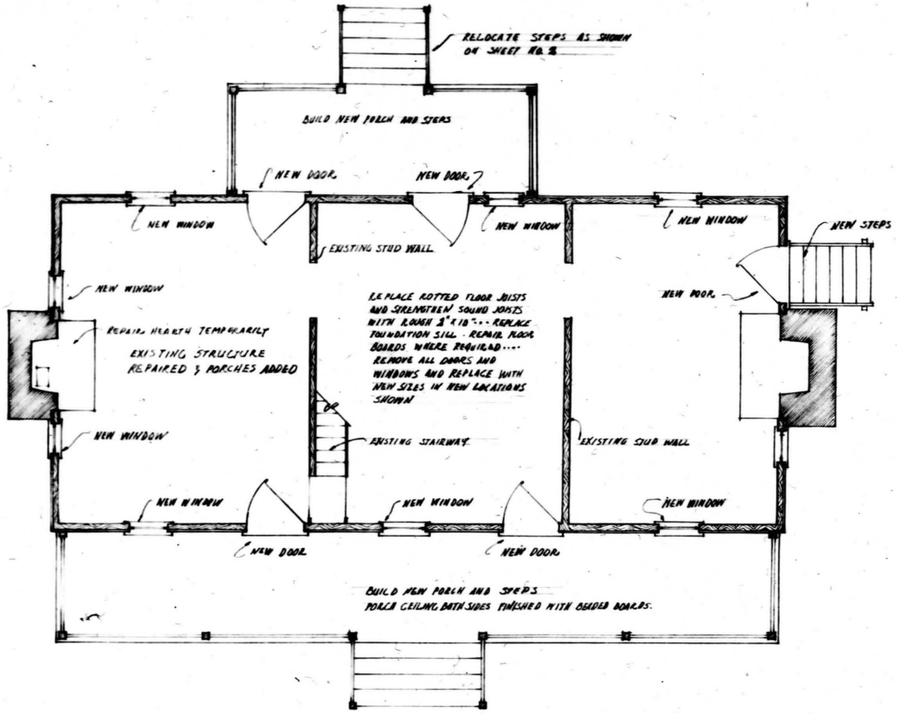
MARK	DESCRIPTION OF REVISION	DATE	INITIAL

RECOMMENDED
DATE
APPROVED

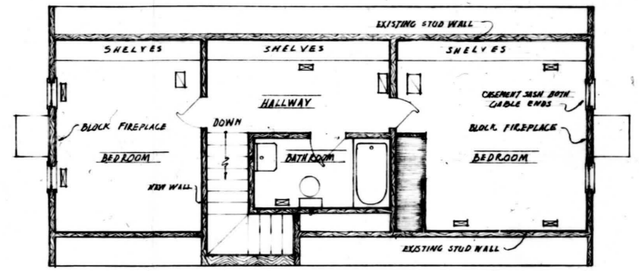
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
PREPARED BY
EASTERN
OFFICE

RESTORATION OF THE MARIAN WRIGHT HOUSE
TITLE OF DRAWING
VILLAGE AREA
LOCATION WITHIN PARK
APPOMATTOX C.H. NAT HIST. PARK
NAME OF PARK

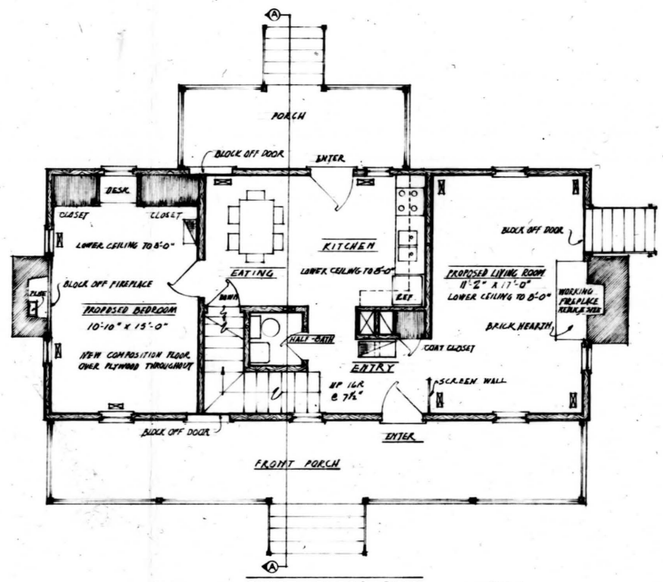
ORIENTATION
PREPARED
CARROLL
CARROLL
DRAWN
CHECKED
DATE
INITIAL
REVISED
REGION
SE
PCP NO.
SHEET 5 OF
DRAWING NO.
NHP-ACH
80170
SUPERSEDES



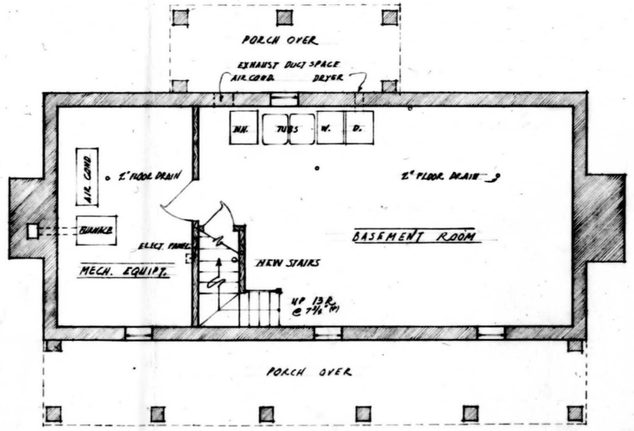
FIRST FLOOR PLAN SCALE 1/16"=1'-0"



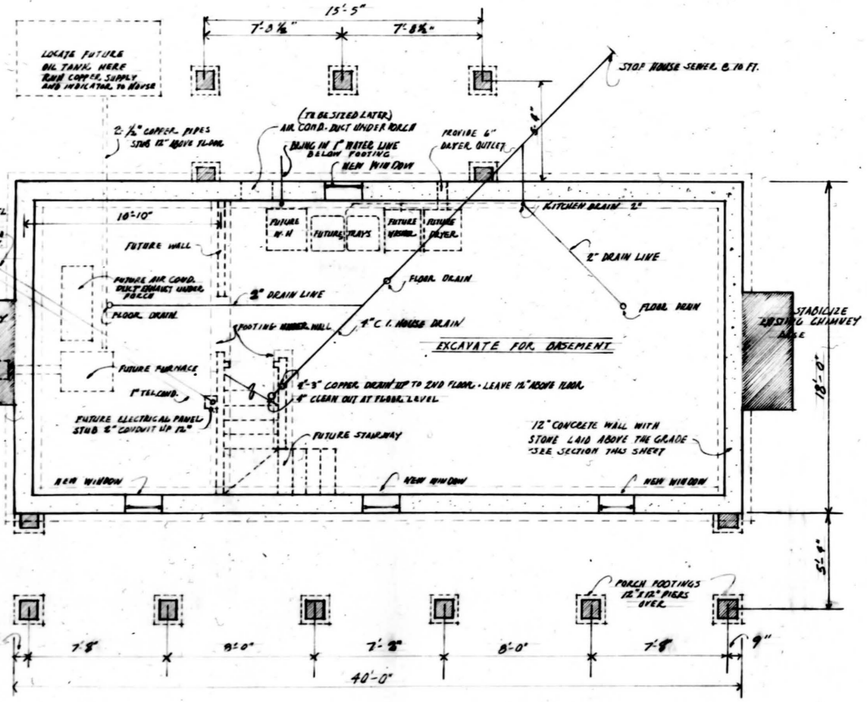
SECOND FLOOR PLAN SCALE 1/16"=1'-0"



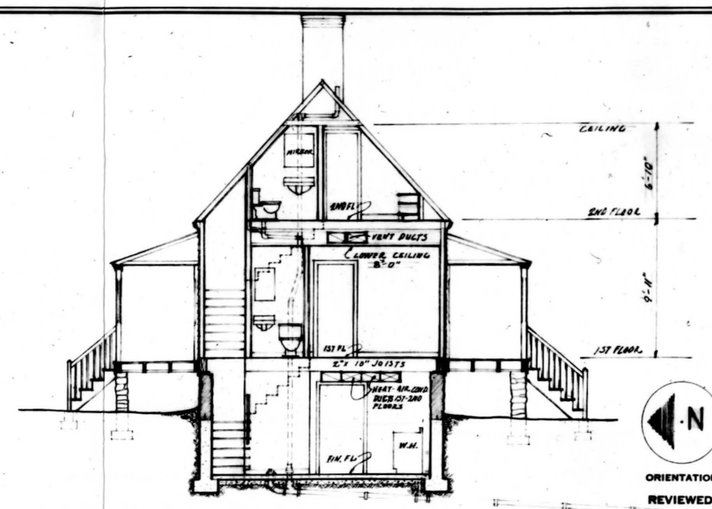
FIRST FLOOR PLAN SCALE 1/16"=1'-0"



BASEMENT PLAN SCALE 1/16"=1'-0"

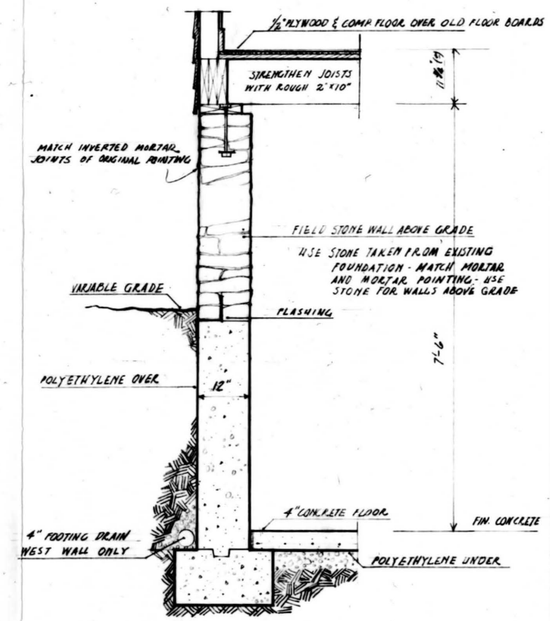


BASEMENT PLAN SCALE 1/16"=1'-0"



SECTION A-A

SCALE 1/16"=1'-0"



SECTION THROUGH BASEMENT WALL

SCALE 3/4"=1'-0"

ORIENTATION REVIEWED

OPERATIONS REGION — WASHINGTON

INTERP. REGION — WASHINGTON

COOP. ACTV. REGION — WASHINGTON

DES. & CONST. STERN — A. E. L.A. — WASHINGTON A. E. L.A. — OTHER

PREPARED CARROLL
DESIGNED CARROLL
DRAWN
CHECKED

REVISED

DATE	INITIAL
JAN 1968	CMC

REGION SOUTHEAST
PCP 8-15-5
SHEET 1 OF 1
DRAWING NO. NHP-NCH 3078:C
DATE JAN 1968

REVISED WORKING DRAWINGS

SCALE AS SHOWN

RECOMMENDED

	DATE
CHIEF, BDC. :	
SUPERINTENDENT: NCH NHP	
SOUTHEAST REGIONAL DIRECTOR	

APPROVED

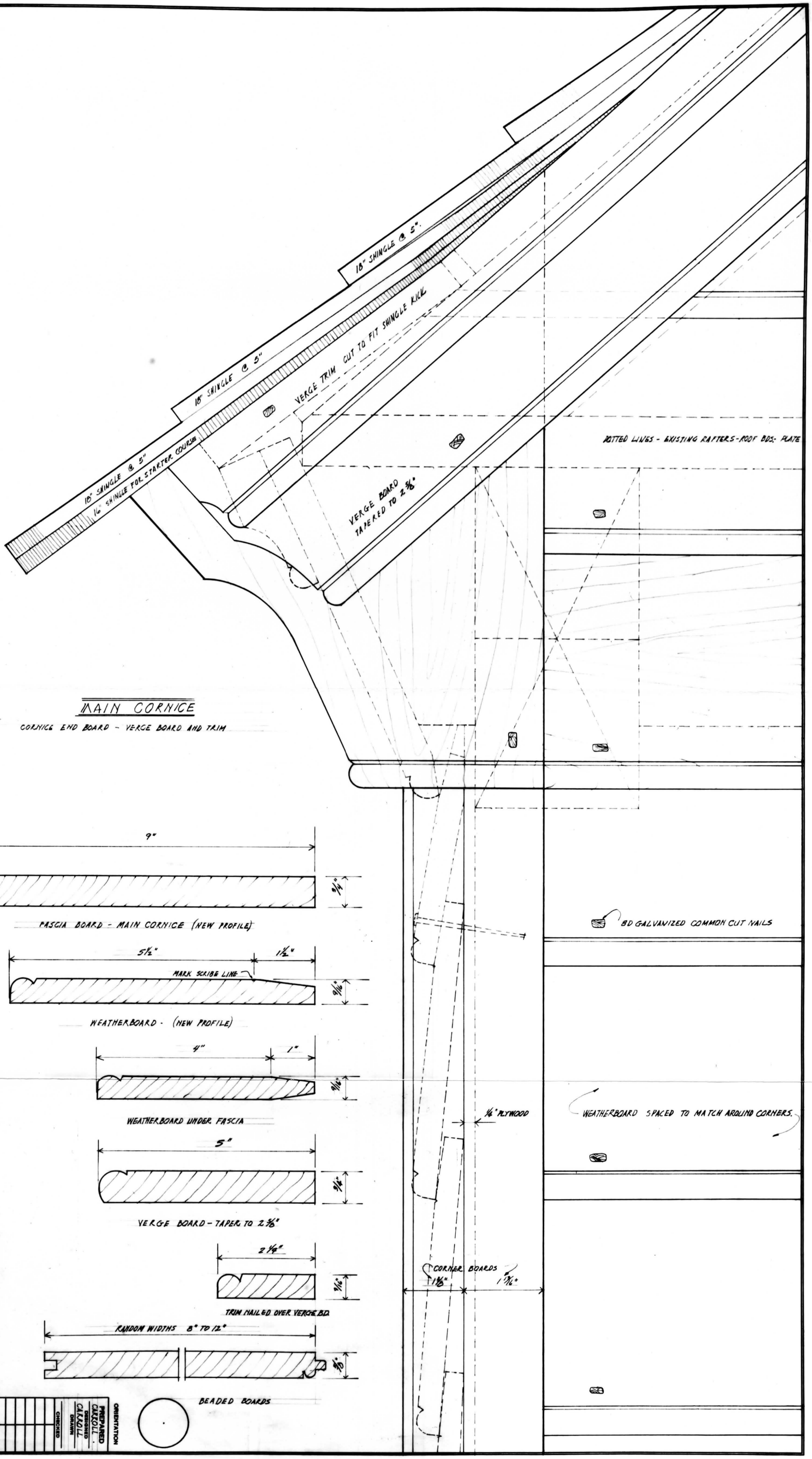
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
PREPARED BY EASTERN OFFICE

RESTORATION OF THE MARIAN WRIGHT HOUSE
TITLE OF DRAWING
VILLAGE AREA
LOCATION WITHIN AREA
APPOMATTOX COURT HOUSE NATIONAL HISTORICAL PARK - VIRGINIA
NAME OF AREA

BASIC DATA

PROPOSED EXTERIOR RESTORATION SHOWN FOR EXISTING STRUCTURE SCALE 1/16"=1'-0" • FUTURE LIVING QUARTERS FOR PARK EMPLOYEES SHOWN AT SCALE 3/16"=1'-0" • APPOMATTOX COUNTY · VIRGINIA

BASIC DATA EXISTING STRUCTURE LOCATED IN APPOMATTOX COUNTY, VIRGINIA



MAIN CORNICE

CORNICE END BOARD - VERGE BOARD AND TRIM

RECOMMENDED

APPROVED

DATE

SCALE FULL SIZE

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
PREPARED IN EASTERN

RESTORATION OF THE ANDREW WRIGHT HOUSE
TITLE OF DRAWING
VILLAGE AREA
LOCATION WITHIN PARK
APPOMATTOX COURT HOUSE NATIONAL HISTORICAL PARK
NAME OF PARK

DRAWING NO. NHP-ACH 3025-D

SHEET 1 OF 1

FILE NO. B-13-5

REGION SOUTHEAST

ORIENTATION

PREPARED CARROLL

DESIGNED CARROLL

DRAWN

CHECKED

DATE INITIAL REVISED

DATE NOV 28 '84

PART B

MARIAH WRIGHT HOUSE

SECTION 1

Site Preparation, Excavation and Grading

1. GENERAL: All items covered in the specifications for the McLean House Outbuildings shall apply as well as the following items specified herein and as shown on the drawings.

2. ITEMS TO BE REMOVED AND REPLACED: All stones in the existing foundation of 1823 shall be removed and stored on the site for reuse in the new foundation work. Prior to removal of foundation, building will require adequate shoring and bracing. Establish original elevation of existing foundation by erecting batter boards and recorded transit readings before removal of stone or any part of the building structure. The chimneys will not be removed or damaged except to permit the installation of flue liners as shown. Remove existing "Homosote" board from sidewalls, asphalt roofing paper and nails, interior shoring. Remove all materials on the interior and store at the Utility Area. Remove "S" anchors and tie rod in attic. Remove all modern wall studding and replace with full sized members. Remove all original window and door frames still intact in the walls, tag location where found and deliver to Utility Area for storage. Remove east door, transom and door frame. Remove all rotted foundation sills and floor joists and beams. Replace all rotted members and strengthen remaining joist with full depth members.

3. EXCAVATION: Excavate area under building to depth shown in drawings. Protect chimney bases from collapsing. Shoring, bracing, cribbing members necessary to stabilize and hold the house in position during excavation will be the responsibility of the Contractor. Excavation by machine will be permitted.

4. DRAIN TILE: Provide 4" vitrified drain tile as indicated on drawings. Connect all basement floor drains to foundation drain tile. Vitrified tile to connect to bell and hub t.c. tile and extend to daylight drain, slope at 1/8"/ft. Provide screen over last tile joint.

END OF SECTION

SECTION 2

Concrete Work

1. GENERAL: All items covered in the specifications for the McLean House Outbuildings shall apply as well as the following items specified herein and as shown on the drawings.

2. FORMWORK: Construct in approved manner of sound lumber, secure against warping or displacement and true, plumb and rigid. Leave no part of forms, stakes, above or below ground. All forms to be removed at Contractor's risk.

3. FILL: Gravel or crushed stone; washed, hard, free from clay and other organic matter. ASTM C-33. Well graded, pass over 1/4" and through 1-1/2" sieve.

END OF SECTION

SECTION 3

Brick and Stonework

1. STONEWORK: All items covered in the specifications for the McLean House Outbuildings shall apply as well as the following items specified herein.

a. Materials:

(1) Stone: Reuse stone removed from the existing foundation of the Mariah Wright House. Additional stone shall be obtained by the Contractor. All stone removed in excess of requirements shall be hauled to the Utility Area for storage.

b. Laying Stone: Install copper flashing strip as shown on the drawings. Make all joints leakproof. Match stonework in the original foundation. Stone mason will be responsible to inspect the existing wall before it is removed to determine how the stones are to be laid. Keep side walls straight and even. All cut faces to be to the inside.

c. Masonry Pointing: Use an exposed "V"-type mortar joint on exterior of foundation stone. Interior stonework in basement to be flush joints. Stonework in chimney bases will be covered with stucco. Match existing stucco color, texture and general method of application. Clean all surfaces of stonework after work is completed.

2. BRICKWORK:

a. Materials:

(1) All brick required to top chimney caps and to replace in brick hearths shall match original size, texture, and color of original bricks. Approval of brick shall be obtained from the Contracting Officer or his representative.

(2) Mortar: To match existing mortar.

b. Bricklaying: To match existing brickwork. Mortar joints of brick chimney stem shall be penciled with a small brush and white lead paint as directed on job. Stucco white mortar band around first brick course below chimney cap offset.

c. Flue Liners: Install one 8" x 12" flue liner for future furnace in north chimney. Extend to basement and provide t.c. thimble through basement wall. Install one 8" x 12" flue liner in south chimney to be used for first-floor fireplace.

d. Fireplace Damper: Install 1 cast-iron damper with external control in south chimney for use in fireplace on first floor. Rotary controlled.

e. Fireplace Hearths: Lay handmade brick in first-floor hearths (2). Brick to be furnished by Contractor and shall match size of the original hearth brick. Pattern of hearth brick to be approved by the Contracting Officer.

END OF SECTION

SECTION 4

Carpentry and Millwork

1. GENERAL: All items covered in the specifications for the McLean House Outbuildings shall apply as well as the following items specified herein and as shown on the drawings.

2. GRADES AND SPECIES:

a. Framing Lumber:

(1) Foundation Sills and Joists: (nominal and net sizes shown)	Construction Grade D.F. 1500f
(2) Repair and replacement studding and rafters, wall plates. Sizes to match original members.	1st & 2nd SAS Oak, Air-dry 19%
(3) Roof boards replacements where required net to match existing roof boards.	Standard Grade B & Better-Yellow Pine
(4) Porch columns, net size 5-1/2" x 5-1/2" all door sills.	C & Better D.F. 2000f

b. Finish Lumber:

(1) Weatherboarding, beaded one edge; beaded boards for porch and bulkhead ends.	Heart Yellow Poplar - 1st Grade
(2) Window and door frames, thresholds, window and door casings (interior and exterior), window apron, window stool, window sill, cornice board and moulding, paneled doors, porch balustrade (balusters, top and bottom rail), newel posts, step construction, two-piece corner boards (Note: only the beaded section of a two-piece corner board is shown), lattice work, window sash, board and batten bulkhead door, beaded ceiling boards of porch.	C and Better Yellow Pine

(3) Shingles: Western Red Cedar shingles, 18" long, Red Label Grade No. 1. Turn saw marks down during installation. Maximum width of shingles 7", minimum width 4". Square butts throughout. Starter course to overhang 5" at eaves, 3/4" at gable ends, use 16" shingle for starter undercourse. Use No. 3d hot-dipped zinc-coated shingle nails, 2 nails per shingle. Length of nail not to extend through the roof boards. Treat shingles after installation with 2 flood coats of "Hydrozo", a colorless waterproofing agent. Install shingles with 3/16" space between individual shingles. Extend ridge row on west roof to give weather lap of 2-1/2". Apply sheet metal under last row at ridge.

3. WOOD PRESERVATIVE: All framing lumber for foundation sills, floor joists, porch floor construction including floor joists, built-up sills, porch floor boards, all exterior steps, tread, risers, carriages, lattice and lattice construction, porch columns, door sills, basement window frames and sill, basement door frame and sill and related items in contact with or near the stone foundation. All existing studding and joist on the first floor shall be given 2 brush coats of pentachlorophenol. Pressure-treated items shall be given a 12 lb. retention treatment with pentachlorophenol in a "light petroleum carrier such as 'Varsol'".

4. ROUGH HARDWARE: Provide nails, bolts, straps, sleeves, anchors, screws, as necessary. All nails that will be exposed to view such as for weather-boarding, verge board, cornice, crown moulding, window and door frames and casings (both interior and exterior), beaded boards for porch and bulkhead construction step treads and porch floors shall be either hand-wrought nails or cut nails with heads offset by hand to resemble heads of hand-wrought nails. Approval of nails for all exterior use must be obtained from the Contracting Officer or his representative.

5. GENERAL CARPENTRY WORK:

a. Framing: Shall be accurately set to required levels and lines and rigidly set in place. Provide special framing or construction not explicitly indicated on plans but necessary to complete work in the best workmanship manner.

(1) Studs: Oak net size to match original size 3" x 4";repair by splicing with scarf joints.

(2) Sills and Joists: Pressure-treated; set level, fasten to foundation wall with bolts every 8 feet.

(3) Rafters: Replace or splice rafters with full size oak members; use scarf joint.

(4) Porch Construction: Nominal sizes, pressure-treated 2" x 6" members.

(5) Basement Window and Door Frames: Nominal sizes, pressure-treated lumber.

(6) Lattice Work: 1/2" x 2-1/2" pressure-treated Y.P. Provide framework for nailing lattice. Nail with hand-wrought nails.

b. Weatherboarding: Prime all surfaces with "Hydrozo" before installation. One flood coat of "Hydrozo" after installation. Apply when weather is above

70°F. and product is in a thin liquid form. Provide full length boards of stock material where shown. Splices in weatherboarding to be made only at approved studding. Dip ends of boards that are sawn into "Hydrozo" prior to nailing board on wall. Nail weatherboarding with hand-wrought nails or with cut nails having the heads offset by hand to resemble hand-wrought nails. Predrill each nail hole before nailing. All weatherboarding shall be sanded to remove machine marks. Use 8d common cut nail, nail into original wall studding.

c. Beaded Porch Boards, Bulkhead: Remove machine marks by sanding. Nail with hand-wrought nails, 8d. Set tongue and groove into white lead paste. Treat with "Hydrozo". Predrill nail holes.

d. Porch Columns, Steps and Balustrade: Net sizes as shown; remove all machine marks by sanding; pressure-treated; mortise and tenon rails into columns and posts. Chamfer "Lamb's tongue" design on porch columns. Leave unpainted. Nail with hand-wrought nails or nails with simulated hand-wrought heads.

e. Porch Floor: Random widths, 9" and above, 1-3/16" thickness, T & G; set in white lead paste; pressure-treated; full length; face nail with hand-wrought nails, 2 to 3 nails each board. Remove machine marks by sanding.

6. INTERIOR FINISH AND MILLWORK - GENERAL:

a. Millwork on the interior shall be limited to the installation of door and window casings. Use hand-wrought nails as directed by the Contracting Officer or his representative. Leave interior woodwork untreated on exposed surfaces. Repair floor boards where required using Yellow Pine board of identical width, length and thickness.

b. Doors: Shall be limited to 6 exterior paneled mortise and tenon doors, 1 board and batten bulkhead door. Basement door to match doors on first floor.

c. Windows: Construct as shown with mortise and tenon joints held together by 1/4" wooden pegs. All lower sash to be movable. Top sash is fixed. Second-floor window sash are casement hung. Leave unpainted, treat with "Hydrozo". Provide sash locking pins with flat leather strap on first-floor sash.

(1) Glass Sizes: All sizes shall be taken from the actual frames.

(2) Glass: 50% of "antique" glass will be furnished by the National Park Service. The Contractor shall be responsible for cutting and installing the glass and furnishing the remaining 50% of Grade B glass.

(3) Installation: As covered in Part A.

d. Floors: Repair as needed.

END OF SECTION

SECTION 5

Sheet Metal

1. GENERAL: All items covered in the specifications for the McLean House Outbuildings shall apply as well as the following items specified herein and as shown on the drawings.

2. MATERIALS:

a. Flashing: Provide flashing over exterior window and door frames, between weatherboarding and brick chimney, and on ridge of shingle roof under last course of shingles. Use 26-gauge galvanized metal painted both sides. Use continuous copper flashing on wall foundation as shown; solder all joints. Use galvanized metal flashing at juncture of porch roof and side walls, install with galvanized nails. Flashing to be concealed under weatherboarding or cornice and extend under top shingle course.

END OF SECTION

SECTION 6

Painting and Finishing

1. GENERAL: All items covered in Section 7 specifications for the McLean House Outbuildings shall apply as well as the specifications written herein and as shown on the drawings.

2. REQUIREMENTS: All exposed wood surfaces shall have machine marks removed by sanding prior to priming requirements. It shall be the responsibility of the Contractor and the painters to examine all surfaces prior to paint application to assure proper treatment has been given.

3. EXTERIOR WORK:

a. Roof Shingles: Two flood coats of colorless "Hydrozo". Apply only when temperature is above 70°F. and product is in liquid form.

b. Weatherboarding, verge board, cornice, beaded porch boards, steps, porch columns, balustrades, porch skirt board, window and door casings, windows and doors, lattice and all exterior wood surfaces, shall have 2 flood coats of "Hydrozo", 1 flood coat to be applied prior to installation and 1 flood coat to follow final completion of work. Exclude porch floor and treads from "Hydrozo" treatment. See item C.

c. Porch Floor, Treads: Porch floor boards to be pressure-treated. Set tongue and groove in white lead paste. Apply 2 coats of a mixture of linseed oil, turpentine and paste lamp black to top surface of floor.

4. INTERIOR WORK: No interior painting or finishing will be required.

END OF SECTION

SECTION 7

Hardware

1. GENERAL: Furnish all hardware and related items necessary to complete the work shown on drawings or specified herein. Include necessary screws, bolts, washer, cut nails, hand-wrought nails, hand-wrought hinges required to complete the job.

2. HARDWARE SCHEDULE:

a. Exterior Doors, First Floor:

(1) One dummy knob for each of 5 doors on exterior. Brass Knob No. F-32, Round Knob 1-3/4" w/turned cast-brass rosettes and fastening bolt. Furnish 5 brass escutcheon plates w/brass screws No. L-200, size 1-3/4" x 1-1/4", Ball and Ball, Whitford, Pa. Mount as directed.

(2) Two night latches on operating doors. East latch to operate by exterior key, Sargent and Company. One pr. hinges each on operating doors. Use cast-iron butt hinges if obtainable (J.E.Sears & Co., Appomattox, Va.) or 3-1/2" x 3-1/2" Butts 1241-US26D.

b. Basement Door - One Each:

(1) 1 lockset 6G05 DA2 x C2 x US28.

(2) 1-1/2 pr. butt hinges 1241 - 3-1/2" x 3-1/2" US26D.

c. Cellar Bulkhead Door:

(1) 1 pr. hand-forged strap hinges w/pintles and hand-wrought nails with sufficient length to clinch. Furnish 1/2" x 1/2" leather washer under each nail head. Use similar hinge detail as shown for McLean House Kitchen.

(2) 1 "antique" padlock reproduction (may be obtained from Colonial Williamsburg, Inc.).

(3) 1 light chain w/staples 3'-0" long.

(4) 1 hand-forged hasp w/staples (sample may be obtained from National Park Service for reproduction use).

(5) 1 night latch similar to Sargent & Co.

d. Keying: All cylinder locks and night latches are to be master-keyed in certified key system set up in the Visitor Center, the type of key to be approved by the Contracting Officer. Furnish 3 keys for each lock.

e. Windows: Furnish 9 sash locking pins with flat leather strap 5/16" wide x 8" long nailed to jamb w/hand-wrought nail. Drill slanted hole into frame just above the meeting rail of the lower sash to receive pin for locking purposes.

END OF SECTION

SECTION 8

Electrical

1. GENERAL: All items specified in the McLean House Outbuildings, Part A, shall apply in addition to the following specifications and as shown on the drawings.

2. MATERIALS:

a. Furnish 2" rigid conduit for future electrical service. Install below floor slab and extend 12" above floor slab and 5'-0" beyond footing line in location shown on drawings. Cap off both ends.

b. Furnish 2" rigid conduit for future telephone service. Install below floor slab and extend 12" above floor slab and 5'-0" beyond footing line in location shown on drawings. Cap off both ends.

3. TEMPORARY POWER: The Contractor shall be responsible for obtaining temporary electric power to the job. The present aerial line can be utilized if possible. Obtain the approval of the Contracting Officer for all connections considered.

END OF SECTION

SECTION 9

Water, Sewage and Miscellaneous Lines

1. GENERAL: All items specified in the McLean House Outbuildings, Part A Specifications, shall apply in addition to the following specification and as shown on the drawings.

2. MATERIALS:

a. Furnish one 4" sleeve through concrete wall on east side for future water supply. Cap off on exterior side, 12" above floor slab. Furnish one 1" sleeve for future fuel oil tank liquid level gauge.

b. Furnish 2 separate 1/2" copper lines for future oil furnace operation. Install below floor slab and extend 12" above floor slabs and 12" beyond footing as shown on the drawings.

c. Furnish and install below floor slab, 4" cast-iron soil pipe house drain with cleanout as shown on the drawings. Slope 1/8"/ft. to 5'-0" outside building foundation and cap off. Cap off interior lines as indicated on drawings.

d. Furnish and install below floor slab 2" cast-iron soil pipe drain with Josam Series 200A, No. 242-A floor drains with a 2" outlet as shown on the drawings. Slope drain line and extend beyond the foundation. Connect to 4" t.c. foundation drain tile. Extend foundation tile drain to southeast, slope 1/8"/ft. and daylight last joint of tile. Cover last joint with copper screen. The Contractor shall furnish all machinery required to ditch drain line to required depth. Backfill trench in 8" layers of soil, tamping each layer. Keep backfill soil free of stones, roots and debris.

e. Furnish and install 4" loose joint t.c. tile around foundation footing. Connect to bell and hub 4" t.c. tile and cement joints. Cover loose joint t.c. tile with 12" of 3/4" gravel.

3. WORKMANSHIP: All work shall be installed by qualified craftsmen in a neat and orderly manner. Ends of pipe shall be reamed and kept free of foreign matter until ready for connection. Soil pipe joints shall be caulked with oakum and sealed with poured lead. Copper tubing shall be soldered by heating joints to proper temperature so that solder is sucked into joint without any build-up of solder on the outside of joints. Use only new materials. Perform flow tests on all soil, waste and drain pipes before placing backfill.

END OF SECTION

Date_____

Equipment_____

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Labor Force_____

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Work_____

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Date_____

Equipment_____

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Labor Force_____

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Project Supervisor

CONSTRUCTION PROJECT PROGRESS REPORT

Date_____

AREA Appomattox Court House National Historical Park PCP B-15-5

DRAWING NO. NHP-ACH 3072B (3 sheets) PROJECT DESCRIPTION Restoration of the Mariah Wright House

BIDS OPENED, DATE June 18, 1964 Low Bid $23,251.00 Contract No. 14-10-0131-1298

Project Started July 10, 1964 Programmed Amount

Contractor J. E. Sears Company, Inc.

Address Appomattox, Virginia

	Construction Items	Unit	Quan. Estimates	As Built	Unit Cost	Per cent Complete 10	20	30	40	50	60	70	80	90	100	Total Cost
1	Site Preparation-Excavating-Grading															$ 3,000.00
2	Concrete Work															1,350.00
3	Brick and Stone Work															2,000.00
4	Carpentry and Millwork															11,430.00
5	Sheet Metal															1,198.00
6	Painting and Finishing															1,140.00
&	Hardware															775.00
8	Electrical															154.00
9	Termite Control															120.00
10	Plumbing Rough-in															504.00
11	Miscellaneous Items															580.00
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