

RICHMOND NATIONAL BATTLEFIELD PARK

GARTHRIGHT HOUSE

HISTORIC STRUCTURES REPORT

ARCHITECTURAL DATA



March 1971

RICHMOND NATIONAL BATTLEFIELD PARK

GARTHRIGHT HOUSE

by

Russell Jones

Contributions by James Askins



**Office of History and Historic Architecture
Eastern Service Center
Washington, D.C.
March 1971**



DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

HISTORIC STRUCTURES REPORT

GARTHRIGHT HOUSE

Richmond National Battlefield Park

Virginia

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

RECOMMENDED

Chief, Office of History and Historic Architecture

Date _____

Chief, Office of Archeology and Historic
Preservation

Date _____

Superintendent, Richmond National Battlefield Park

Date _____

APPROVED

Regional Director, Southeast Region

Date _____

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ADMINISTRATIVE DATA

- a. Name and number of building.

Garthright House - Building Number 6.

- b. Proposed use of structure.

The exterior of the house will be restored as an in-place exhibit. The interior will be modified for quarters.

- c. Justification for action.

In May 1970 the house was seriously damaged by a fire, thought to be set by vandals. The use of the house as quarters would provide greater protection to the building. The master plan, now in preparation, will reflect this management decision.

- d. Provisions for operating structure.

The operating cost will be covered by the park quarters account.

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1	Richmond NBP

PROJECT CONSTRUCTION PROPOSAL

1. STATEMENT OF MANAGEMENT'S REQUIREMENTS, PROPOSED WORK, AND ITS RELATIONSHIP TO OTHER FACETS OF THE PARK PROGRAM. (Provide detail data for "Management Information" on Form 10-411a, Supplemental Sheet and attach.)

The historic Garthright House (Hospital During Cold Harbor Battle) was severely damaged by fire in May, 1970. The house was an exterior restoration and the interior used as a meeting place for the Pamunkey Womans Club. After the fire and inspection by Historical Architect Askins, ESC, a management decision was made to restore the exterior of the house as an exhibit-in-place but to utilize the interior of the house as a residence for a Park Ranger. This would provide greater protection for the northern half of the park (Cold Harbor, Gaines Mill, Beaver Dam Creek, Chickahominy Bluff, and Garthright House). The new master plan which is presently in draft form will recommend this action.

2. ADVANCE REQUIREMENTS DATA

LAND STATUS	MASTER PLAN NO.	APPROVAL DATE
Government owned	NBP-RIC-3103A	October 1961
PCP NUMBERS OF PREVIOUSLY COMPLETE PORTIONS	INTERRELATED & DEPENDENT PROJECT PCP NUMBERS	
B-13		
INTERPRETIVE PROSPECTUS APPROVAL DATA		DATE
Prospectus to be prepared		
WATER RIGHT NEEDS & STATUS		
N/A		
RESEARCH NEEDS & STATUS		
Historic Structures Report		
OTHER		

HABS Drawings - VA76

Acting SERO

3. RECOMMENDED BY SUPERINTENDENT (Signature & Date)	4. APPROVED BY REGIONAL DIRECTOR (Signature & Date)
Hobart G. Cawood (signed) 7/14/70	Vincent Ellis, Actg. Dir. (signed) 7/23/70
5. LOCATION WITHIN AREA OR TERMINI	6. BLDG. OR RT.# AND SEC.
Va. Route 156 - 7.5 miles west of Mechanicsville	State Route 156
7. REGION	7 miles west of
SE	Mechanicsville
8. PARK	
Richmond National Battlefield Park	
9. PROJECT	
Restore and Modify Garthright House	
	Hanover
	(County)
	Virginia
	(State)
	10. PCP INDEX NO.
	B-16

CLASS ☐ (A) - Estimate based on working Drawings
 CLASS ☐ (B) - Estimate based on preliminary plans
 CLASS ☐ (C) - Estimate based on similar facilities in other parks

P. S. & S. by

BPR ☐

NPS ☐

ESTIMATE

ITEM	QUANTITY	COST
Restore and modify Garthright House	lump sum	27,250

RESEARCH ESTIMATE APPROVED:

 (Asst. Director, Resource Studies)

 (Date)

CONSTRUCTION ESTIMATE APPROVED:

 (Design Office Chief)

 (Date)

INTERPRETIVE ESTIMATE APPROVED:

 (Asst. Regional Director, Operations)

 (Date)

ESTIMATE TOTALS	
RSU - 8/10/70	
RESEARCH	8,000
Construction.....75%	27,250
Plans, Surveys, and Supervision.....15%	5,450
Contingencies10%	3,600
CONSTRUCTION SUB TOTAL	36,300
INTERPRETIVE SUB TOTAL (100%)	
GRAND TOTAL	44,300

SUPPLEMENTAL INFORMATION FOR PROJECT CONSTRUCTION PROPOSAL

PARK Richmond NBP	FACILITY Garthright House	P.C.P. NO. B-16
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1. MANAGEMENT INFORMATION

2. TECHNICAL INFORMATION

See attached schedule of work and estimate of costs prepared by Architect Askins, Eastern Service Center.

A temporary emergency roof was placed on the House the day after the fire in order to protect the structure from weather damage. The restoration and modification should be accomplished as soon as possible in order to more completely protect the historic structure.

A new deep well will be required.

A farm outbuilding should be reconstructed to provide vehicle storage space.

ALTERNATE # 3
Cost: \$27,250.00
Historic Structure Report Required.

1. Roof		
a. Rafters		
b. Sheathing		
c. Wood shingles	2500.00	
2. Cornice		
a. Remove existing		
b. Replace with period type	750.00	
3. Weatherboarding		
a. Remove post period		
b. Replace period	3000.00	
4. Electrical		
a. Repair existing		
b. Underground service		
c. Additional as required	1300.00	
5. Heating		
a. Repair existing		
b. Air conditioning	1300.00	
6. Plumbing		
a. Repair existing		
b. Provide bath tub, 2nd floor		
c. Provide 1/2 both, 1st floor	1150.00	
7. Masonry repairs		
a. Exterior 1st floor & foundation		
b. Chimneys	4500.00	
8. Interior repairs		
a. Plastering		
b. Floors		
c. Millwork		
d. Addition for residence	5500.00	
9. Exterior painting	1000.00	
10. Interior painting	800.00	
15% Overhead	3270.00	
10% Profit	2180.00	
Total		27,250.00

DESCRIPTION OF STRUCTURE

The Garthright House as we see it today is a typical product of house evolution. Originally it was a one-and-a-half-story brick house with end chimneys and partial basement. It perhaps had only two rooms with center hall on the first floor and a garret above. It may have had one or two dormers.

For some unknown reason, perhaps a fire, the portion west of the hall was removed. A full-story frame second floor containing one room and hall was added above the remaining brick structure. Later a two-story frame addition replaced the previously destroyed brick portion. This consisted of one room on each floor resulting in the ordinary one-room-deep, two-story, center-hall Virginia farmhouse with end chimneys.

Although all walls and ceilings are plaster on wood lath, there are definite variations in the framing and workmanship details to indicate that the frame portions of the present building were not constructed at one time.

The building was restored in 1935. At this time alterations were made to the west second-floor room and a bath was added on the second floor. The central heating system was installed in 1961.

PRESENT CONDITION OF STRUCTURE

FOUNDATIONS

There is no evidence of foundation failure anywhere in the building.

BRICKWORK

All of the brickwork requires repointing due to weathering and inadequate maintenance. A number of brick have disintegrated.

FRAMING

The fire in May 1970 damaged the sills, studs and plate of the south (rear) wall and the partition between the hall and west rooms. Some floor joists of the first and second floor and all second-floor ceiling joists were damaged beyond repair. The entire roof was completely destroyed. In addition to the fire damage, the hall partition is badly infected with rot and termites.

SIDING

The siding is in bad condition generally due to warping, splitting, and rot. The rear wall was damaged by the fire.

EXTERIOR DOORWAYS

One rear door was destroyed in extinguishing the fire. The other two doors are weathered. All door frames, sills and trim are in need of repair and replacement. Extensive damage has occurred in the trim due to the entrance of water at the door heads.

WINDOWS

The sash, frames, sills and trim are deeply weathered and infected with rot. The sash need reglazing. A number of window panes are broken.

CORNICE

Although not evident when viewed from the ground, the cornice was damaged beyond repair by the fire.

ROOFING

The present roof is a temporary structure protecting the building since the fire.

EXTERIOR STEPS

The open riser wood steps at the three exterior doors are not historically correct and are in very poor condition.

BRICK DRAINS

The brick drains installed along the front and rear walls are not in character with a Virginia farmhouse and are causing serious damage to the wall bricks by splashing the water against the walls.

PLASTER WALLS AND CEILINGS

All first and second floor walls and ceilings are plaster on wood lath. There is no plaster in the basement. The entire

second-floor ceiling and about half of the ceiling in the north room, first floor, were destroyed by the fire. All second-floor walls, except the south room, and two walls on the first floor were destroyed by the fire or during the structural investigation.

FLOORS

The basement floor is concrete, covered with asbestos tile which is in very poor condition. The flooring of the first and second stories is wood, some of it dating from the historic period. It is in fair condition. A few of the boards are split or splintered beyond repair.

INTERIOR DOORS

All of the interior doors, except the three destroyed by the fire, are in usable condition.

INTERIOR TRIM

The interior trim is very complete and in good condition except where damaged by the fire and at two or three places where leaking has occurred around windows causing some rot in the sills and stools.

STAIRWAYS

The basement stairway is structurally sound but very unsafe due to inadequate headroom.

The stairway from the first to second floor is sound but due to termite damage in the adjacent partition it must be realigned. One baluster is missing.

FINISH HARDWARE

The finish hardware is fairly complete but much of it has been replaced with post-historic period items.

FIREPLACES

The four fireplaces have been closed. All four mantels are in place but appear to have parts missing. All fireplaces and chimneys would require extensive repair and installation of flue linings to make operable.

HEATING SYSTEM

The central forced air heating system was installed in 1961 and is assumed to be adequate and operational. All of the ducts located in the attic were completely destroyed by the fire. All other ducts appear to be in good condition.

ELECTRICAL SYSTEM

The existing 60 amp electrical service was damaged extensively by the fire. Although complete with fixtures and outlets, it would be unsafe and inadequate to serve the proposed quarters.

WATER SYSTEM, PLUMBING AND FIXTURES

The well and pressure water system will be tested by the Park to determine if adequate to serve the proposed quarters. The present sewerage system should be large enough to service the quarters. Certain portions of the hot and cold water supply lines and drain pipes were damaged by the fire.

The bathroom fixtures are in fair condition. The tub cannot be used in the proposed bath and, since the fixtures are in color, replacement of the tub would create a problem in matching color.

INSULATION

All exterior frame walls are insulated with 2" blanket insulation. This is inadequate for the winter temperatures of the Richmond area.

INTERIOR PAINT

The painted surfaces throughout the building are in poor to fair condition.

PROPOSED RESTORATION AND MODIFICATION

BRICKWORK

Clean and repoint mortar joints. Repair lintels. Replace broken and disintegrated bricks. Reinforce brick chimneys with concrete cores. Repair brick chimney caps.

FRAMING

Replace all framing damaged by the fire. Replace all framing damaged by rot and termites. Install new second-floor ceiling joists. Install new roof and gable framing.

SIDING

Replace all deteriorated and fire-damaged siding. The existing siding shall be used as a model for the new material. All sound existing material shall be reused.

EXTERIOR DOORWAYS

Replace one door. Repair other two doors. Repair or replace as required frames, sills, thresholds and trim. Install flashing at all doors and windows.

WINDOWS

Repair or replace all sash, frames, sills and trim. Replace broken glass and reglaze all sash. Original sash trims, etc., shall be used as a model for the replacement items.

CORNICE

Reconstruct the entire cornice and all large boards. The replacement moldings shall duplicate the original items.

ROOFING

Cover roof with red cedar shingles laid on open sheathing.

EXTERIOR STEPS AND PORCHES

Remove existing front steps and replace with open riser wood steps and brick pad.

From a safety standpoint, since the building will be converted to quarters, it is recommended that the steps serving the two rear doors be replaced by small porches with railings, copied from similar structures of the historic period.

FLASHING

Install new lead-coated copper flashing at both chimneys and all door and window heads to make watertight.

EXTERIOR PAINTING

At the time of the 1935 restoration it was believed that the exterior of the building was not painted. However, during the present investigation, evidence was found to indicate that the exterior had at one time been painted a blue-gray.

In keeping with this evidence and to preserve the exterior wood surfaces, it is proposed the exterior wood surfaces be painted. Colors to be selected jointly by the Superintendent, Restoration Specialist and the Restoration Architect based on the research findings.

NEW CONSTRUCTION

Shall include the installation of a powder room and a coat closet located in the entry hall, first floor and a storage room

located in the stair hall, second floor. All new construction shall be removable without damage to the historic fabric.

PLASTER WALLS AND CEILINGS

Install new plaster on metal lath on wall and ceiling areas damaged by the fire and where it was necessary to remove plaster for repair of rot and termite damage. New plaster to be a three-coat job.

FLOORS AND FLOOR COVERING

Remove existing asbestos floor tile in basement and install vinyl-asbestos tile and rubber base. Repair all wood floors and install indoor/outdoor carpeting in all areas except powder room, kitchen area, storage room and bathroom, which shall receive underlayment and vinyl-asbestos tile and rubber base. Color to be selected by the Superintendent.

INTERIOR DOORS

Replace the three doors destroyed by the fire. Repair, refasten and refit all other interior doors.

INTERIOR TRIM

Repair and refasten existing trim. Replace where necessary. New trim shall match existing adjacent trim in design, size and material.

STAIRWAYS

Install new stairs from basement to first floor to provide additional headroom.

Realign and refasten stairs from first to second floor. Replace all components damaged by fire, rot or insects. Replace missing baluster.

FIREPLACES AND MANTELS

Close all four fireplaces with masonry. Remove the mantels from the kitchen-dining room (west room first floor) and both second-floor rooms. Mantel in living room (east room first floor) shall remain in place, repair as necessary. The three mantels removed from the building shall be provided safe storage in the attic of the house.

KITCHEN AND DINING ROOM CABINETS

Install cabinets as indicated by the drawings. Kitchen base cabinets to have formica work top.

FINISH HARDWARE

Replace all non-historic hardware with items of the correct historic period. Repair historic hardware as necessary to make operational.

STORM SASH

Install interior type storm sash at all windows. No storm doors will be provided.

INSULATION

Install 4" blanket insulation under the floor of the west room, first floor, all exterior frame walls and the entire second-floor ceiling.

HEATING - AIR CONDITIONING

Inspect, clean and adjust existing furnace for proper operation. Install air conditioning complete with all piping, condensers, and blowers as required for proper operation. Replace all ducts damaged by the fire. Make necessary alterations to existing ducts as may be required by the installation of air conditioning. Insulate all ducts located in unheated area.

ELECTRICAL

Remove existing panel, wiring, outlets, switches and fixtures. Install new underground service from terminal pole (approximately 350' north of building), 150 amp panel wiring, outlets, switches and install all government fixtures as shown on the drawings. Provide fused switch for water pump. Provide necessary outlets for electric range and clothes dryer. Provide and install exhaust fan in powder room. Provide all necessary wiring and switches for heating and air conditioning.

All electrical work shall be inspected and certified as complying with all national, state, local and underwritten codes.

PLUMBING

Remove former basement kitchen supply and drain lines. Replace all undersized or fire-damaged supply and drains serving the second-floor bath; and relocate as required by the new fixture arrangement. Install all supply and drain lines as required for the powder room and new kitchen. Relocate water system pump and pressure tank. Provide and install new 50-gallon electric water heater. Provide new fixtures for second-floor bath. Install lavatory and water closet from bath in new powder room. Provide connections for washing machine. Insulate all hot water supply lines and cold water supply lines and drains in unheated areas. Make all necessary connections to existing water system and septic tank.

PRESERVATIVE TREATMENT

All existing and new timbers in contact with brick foundations and piers shall be given a standard preservative treatment.

INTERIOR PAINTING

Give all previously painted surfaces two coats of oil paint. All new material shall receive three coats of oil paint. Color to be selected by the Superintendent.

GRADING

Remove the brick gutters at front and rear walls. Regrade on all four sides of the building to direct surface water away from the walls.

PHOTOGRAPHS

PLATE I

Copy of a photograph of the Garthright House thought to
have been taken in the 1880s.



PLATE II

Copy of a photograph supposedly made in 1887.

(See PLATE III for reverse side.)



PLATE III

Reverse side of photograph shown in PLATE II. Garthright House is listed as #10. Note the difference in spelling.

LIST OF VIEWS

*Made during the Excursion, May, 1887, of the
57th and 59th Massachusetts to the*

»BATTLEFIELDS ❖ OF ❖ VIRGINIA.«

1. Group of Excursionists in Fort Steadman.
2. Fort Steadman, looking towards Petersburg.
3. The Crater.
4. Gen. Mahone and Excursionists in Crater.
5. View across the field on which the Union troops charged, July 30, 1864, also showing location of Tunnel which entered the Mine.
6. Tablet showing advanced position of the 58th Massachusetts, July 30th, 1864.
7. Tablet showing camp ground of the 58th Massachusetts, near Fort Meikle.
8. Hotel Albermarle—Petersburg.
9. Old Cold Harbor House
10. Gathwright House—Cold Harbor.
11. View in National Cemetery—Cold Harbor.
12. View showing where Hancock's troops charged June 3d, 1864—Cold Harbor.
13. House at Mechanicsville, occupied both by McClellan and Lee, as headquarters.
14. Gaines' Mills—2 views.
15. Spottsylvania Court House and group.
16. Group of Members of the 56th Massachusetts on the banks of Ny river.

Group on steps of Beveridge House—Spottsylvania.

PLATE IV

Front view of Garthright House before 1935 restoration.

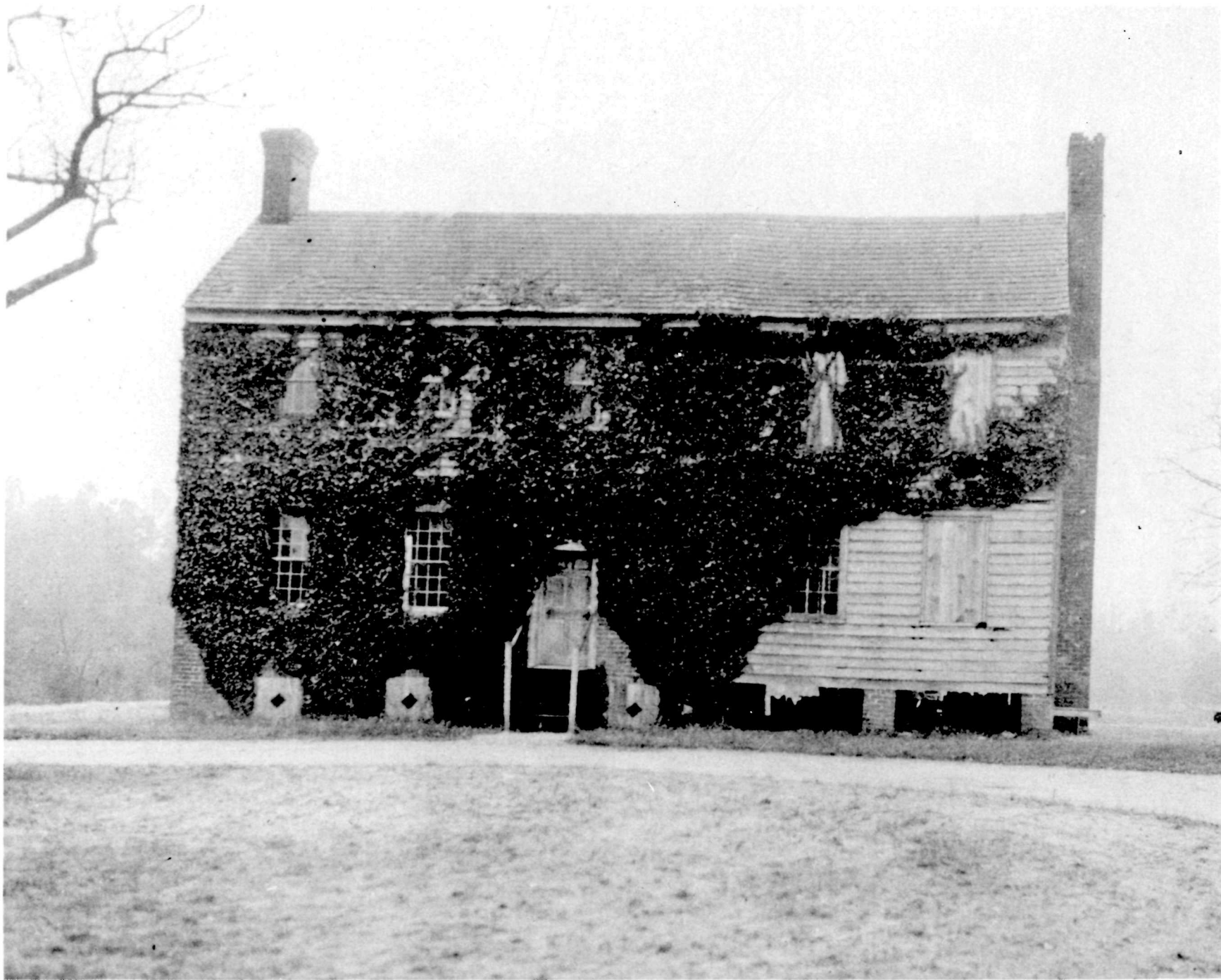


PLATE V

Rear of Garthright House before 1935 restoration.

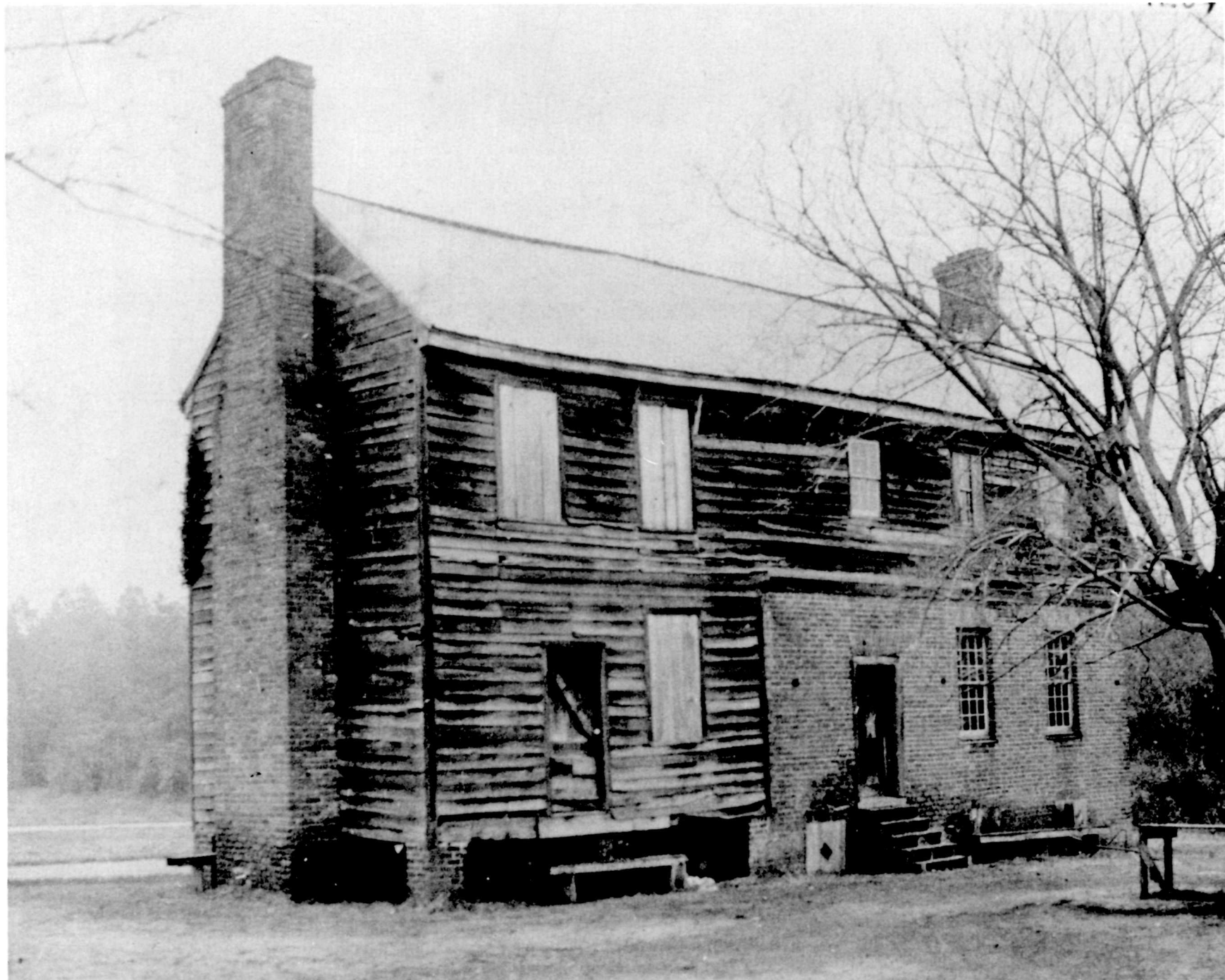


PLATE VI

The Garthright House during the 1935 restoration.

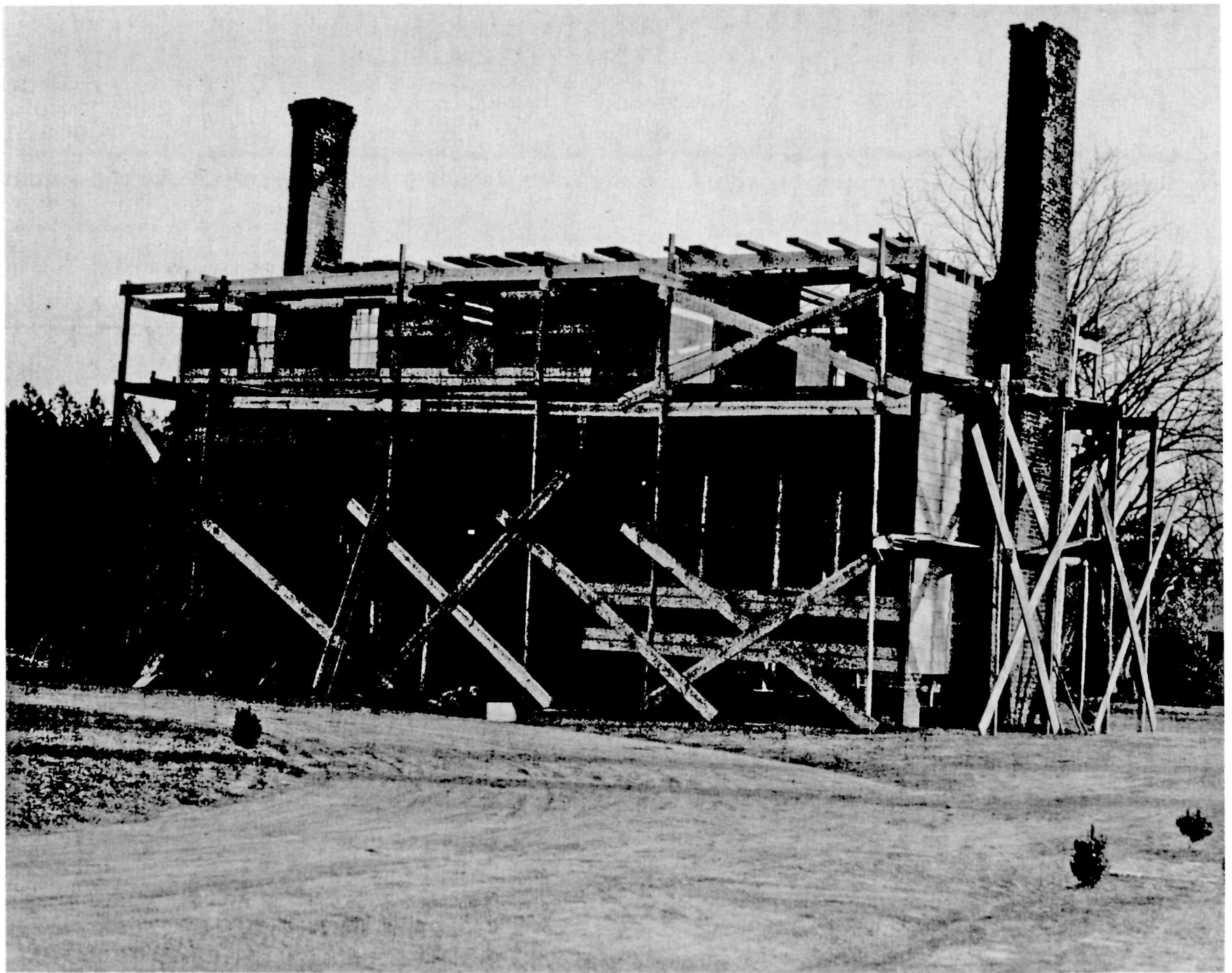


PLATE VII

Garthright House, Feb. 1971. Note temporary roof installed to protect the building after the fire of 1970.



PLATE VIII

West elevation showing fire damaged gable
and condition of chimney.

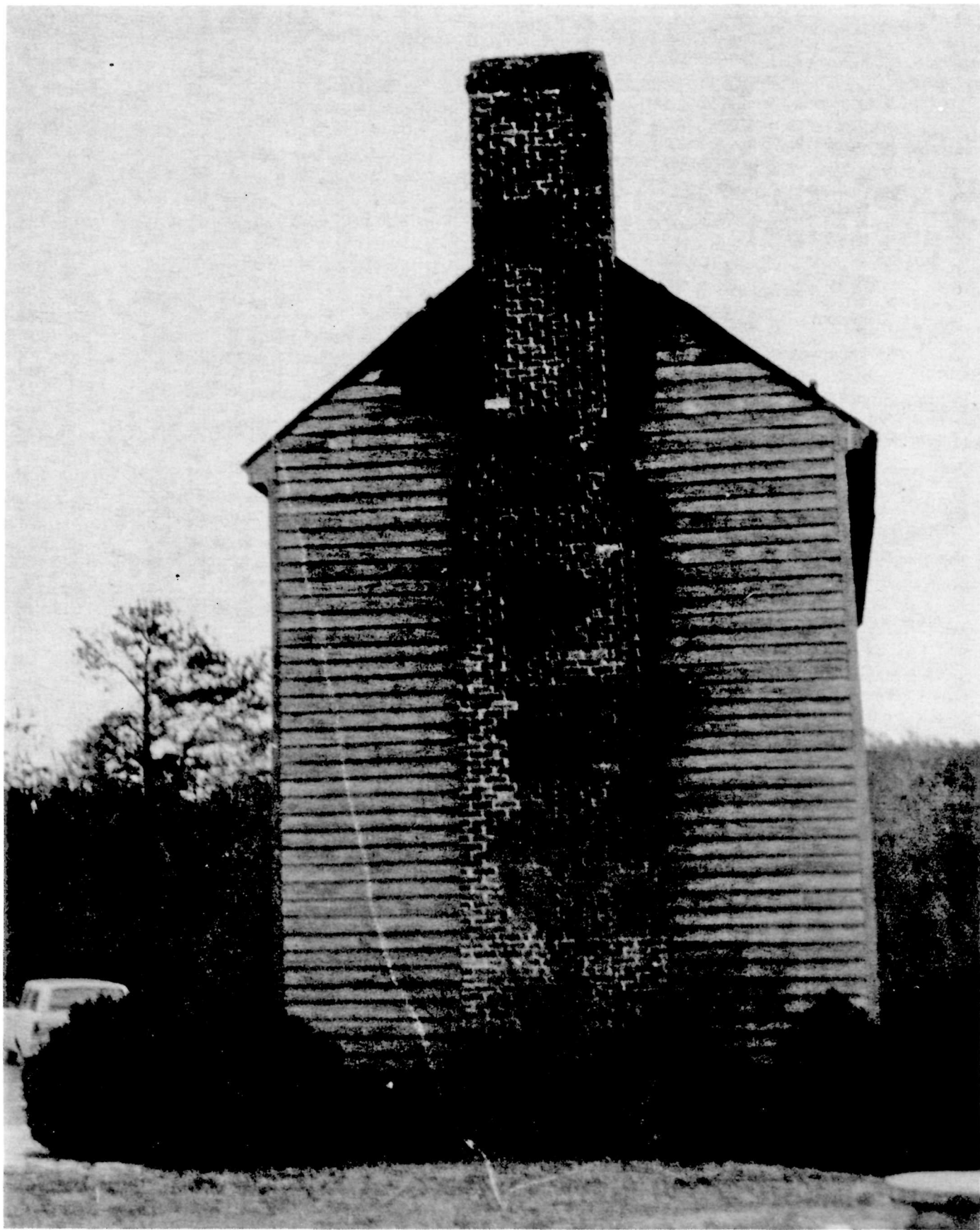


PLATE IX

Rear elevation showing extent of fire damage to this side.



PLATE X

The gables were damaged more extensively by the fire than appears from the outside. Note the appearance of the masonry due to poor workmanship in repainting.

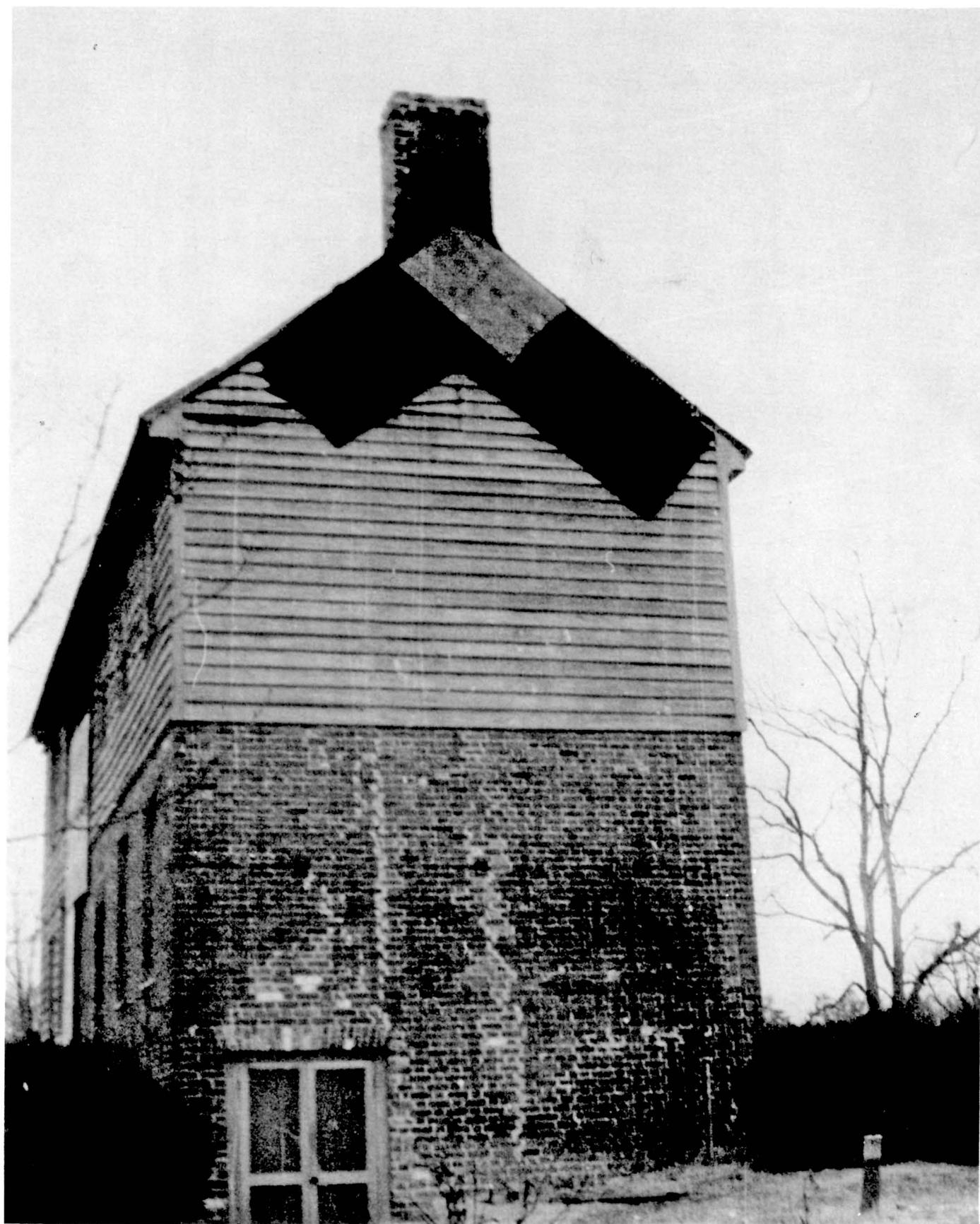


PLATE XI

View of the foundation showing lack of maintenance.



PLATE XII

The weathering of the lower portion of the walls has been accelerated by water splashing from the brick drains.



PLATE XIII

Outside basement entrance. This will be investigated during the restoration to determine its historic accuracy.



PLATE XIV

A close-up of the south elevation showing the general condition. Note "Pud Lock" hole to facilitate scaffolding during construction.



PLATE XV

While not historically accurate, the basement windows are in good condition and will not be replaced at this time due to limited funds. They should be corrected as soon as possible.

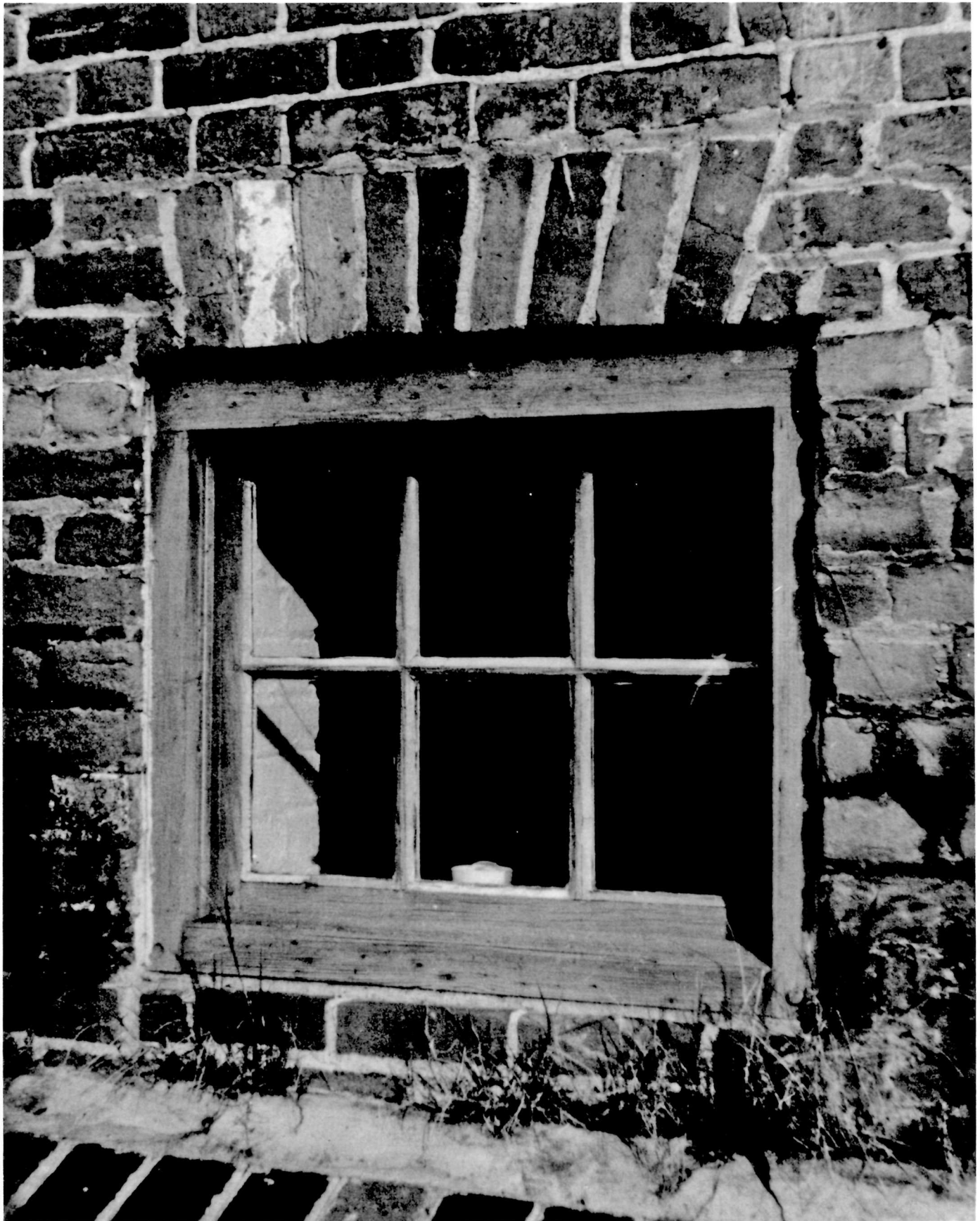


PLATE XVI

Front door and steps. The present steps will be replaced with a historically accurate reproduction.



PLATE XVII

This close-up photograph of a window in the masonry portion of the building illustrates the extent of deterioration and repair necessary.



PLATE XVIII

This rear door was damaged beyond repair during the fire. Note the condition of the trim and threshold and the attempt to seal the siding at the door frame. Flashing must be installed to correct this condition.



PLATE XIX

Window in frame portion of building showing
typical condition.



PLATE XX

Much of the siding must be replaced and properly fastened to prevent this condition from recurring.



PLATE XXI

View showing fire damage at eaves, south (rear) wall.

Observe detail at junction of frame wall over masonry
portion and the abutting two story frame addition.

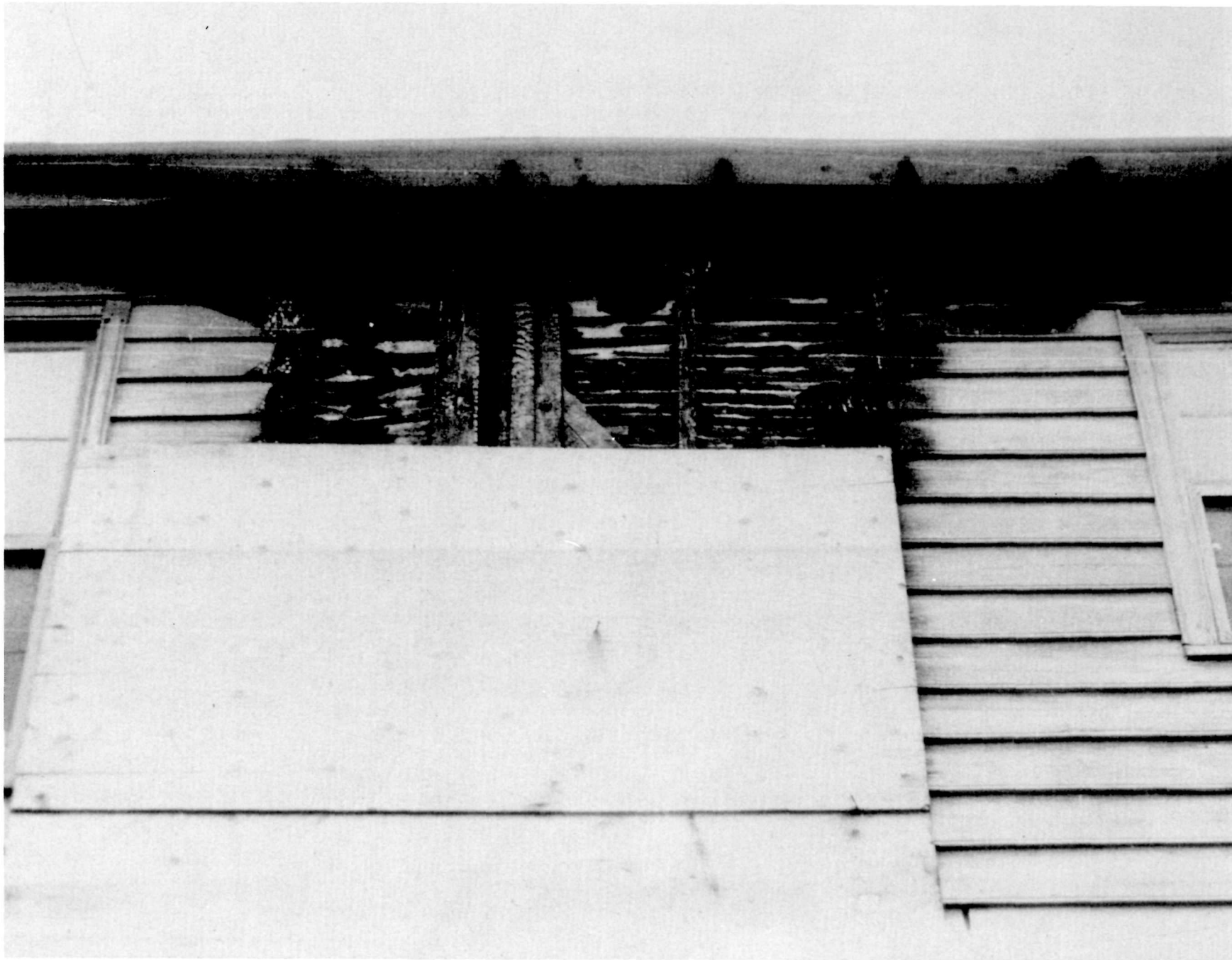


PLATE XXII

This close-up photograph of the cornice does not reveal the extensive internal damage caused by the fire.

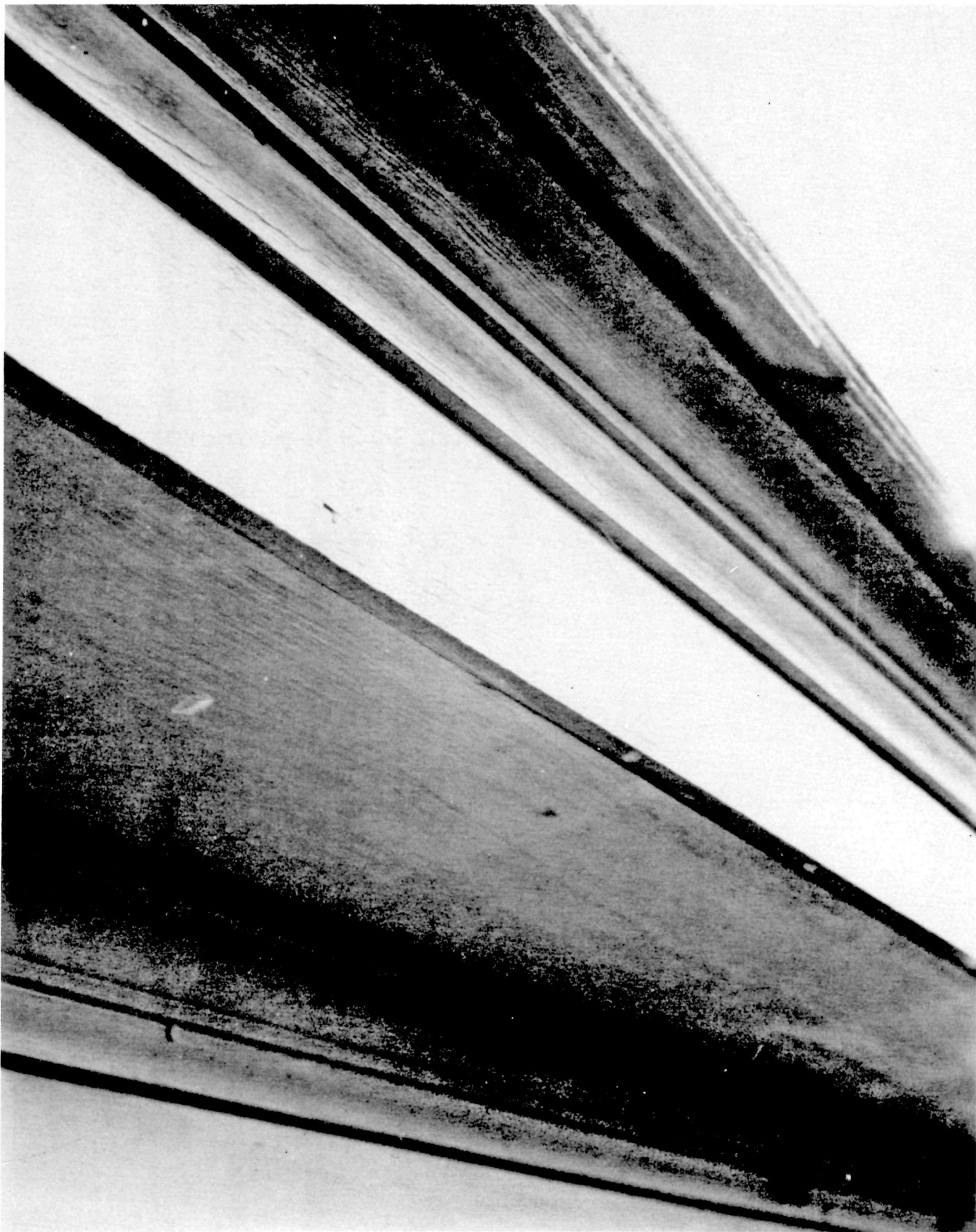


PLATE XXIII

Interior view of south wall and cross partition
first floor showing fire damage.

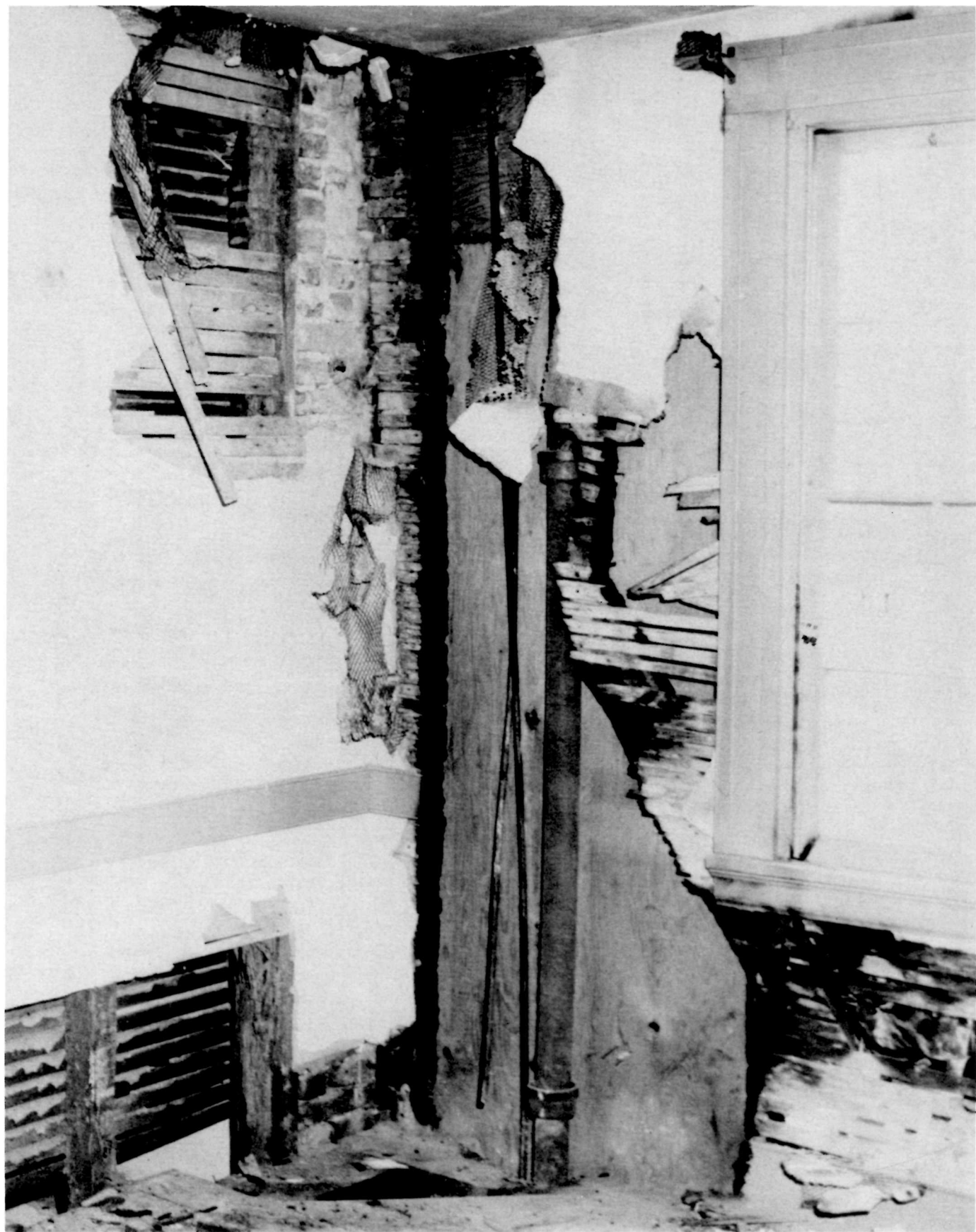


PLATE XXIV

Second floor fire damage

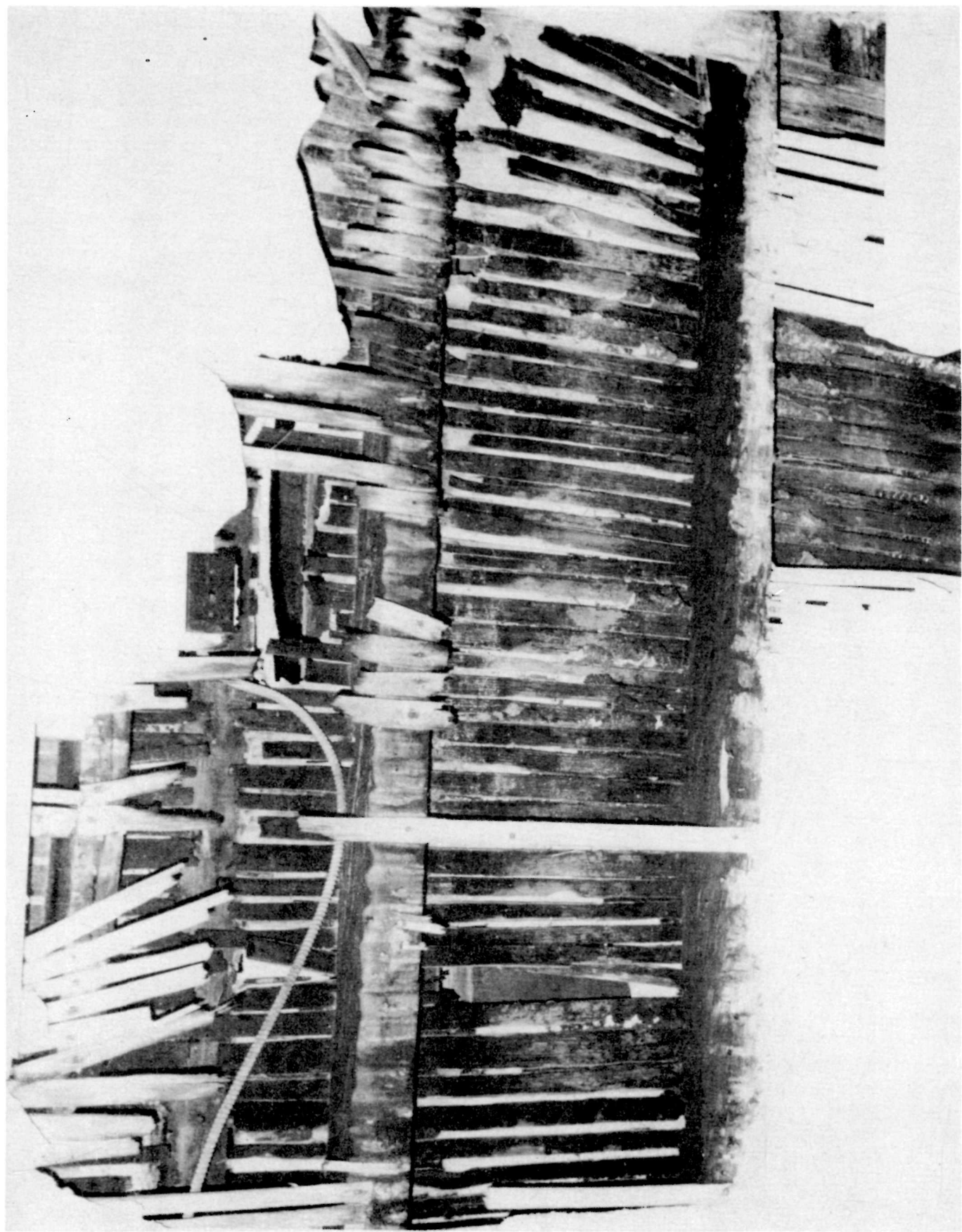


PLATE XXV

Fires do strange things. This is the inside face
of the closet door, south room, second floor.

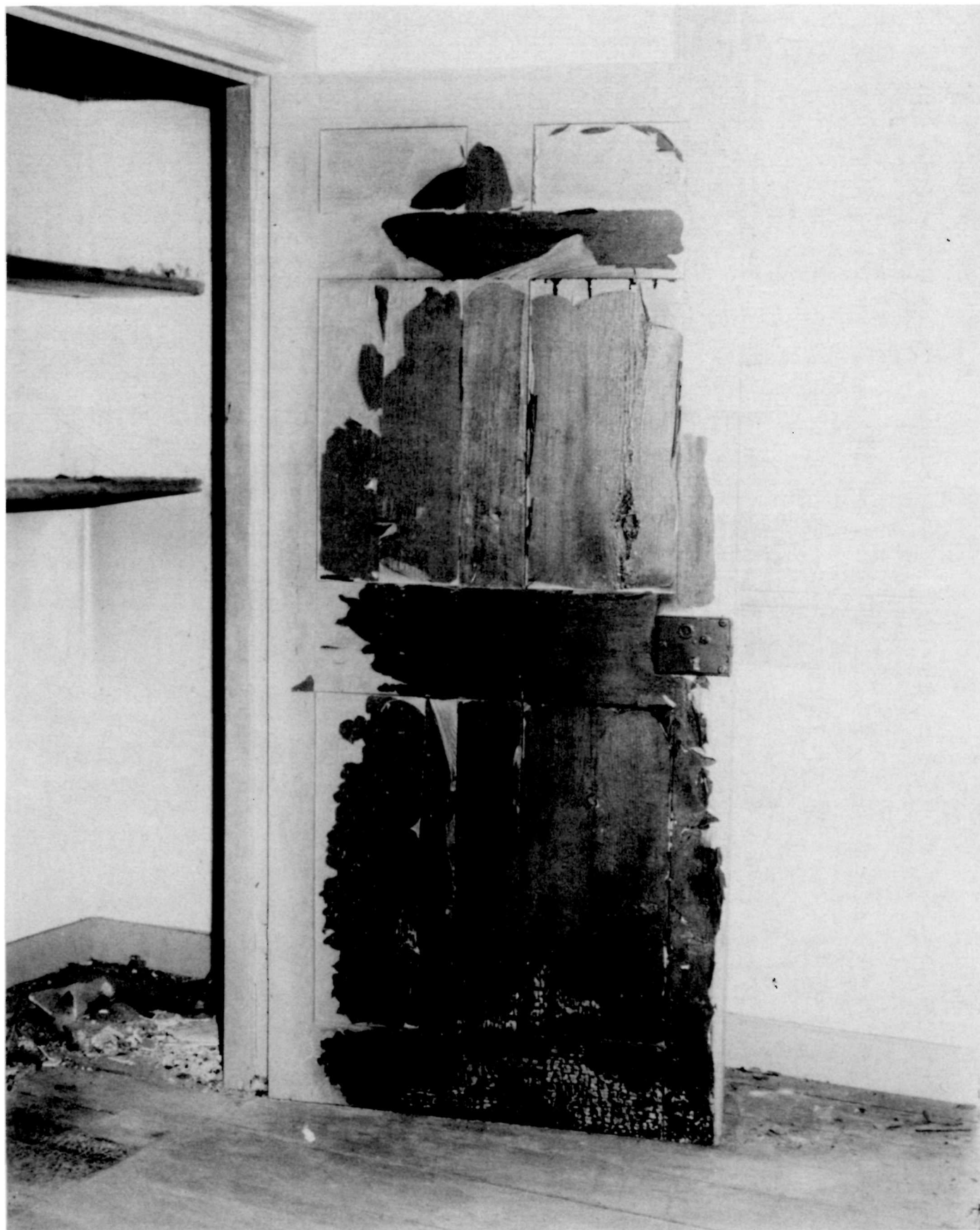


PLATE XXVI

Termite damage to first floor partition studs
was revealed during the investigation to determine
the extent of fire damage.

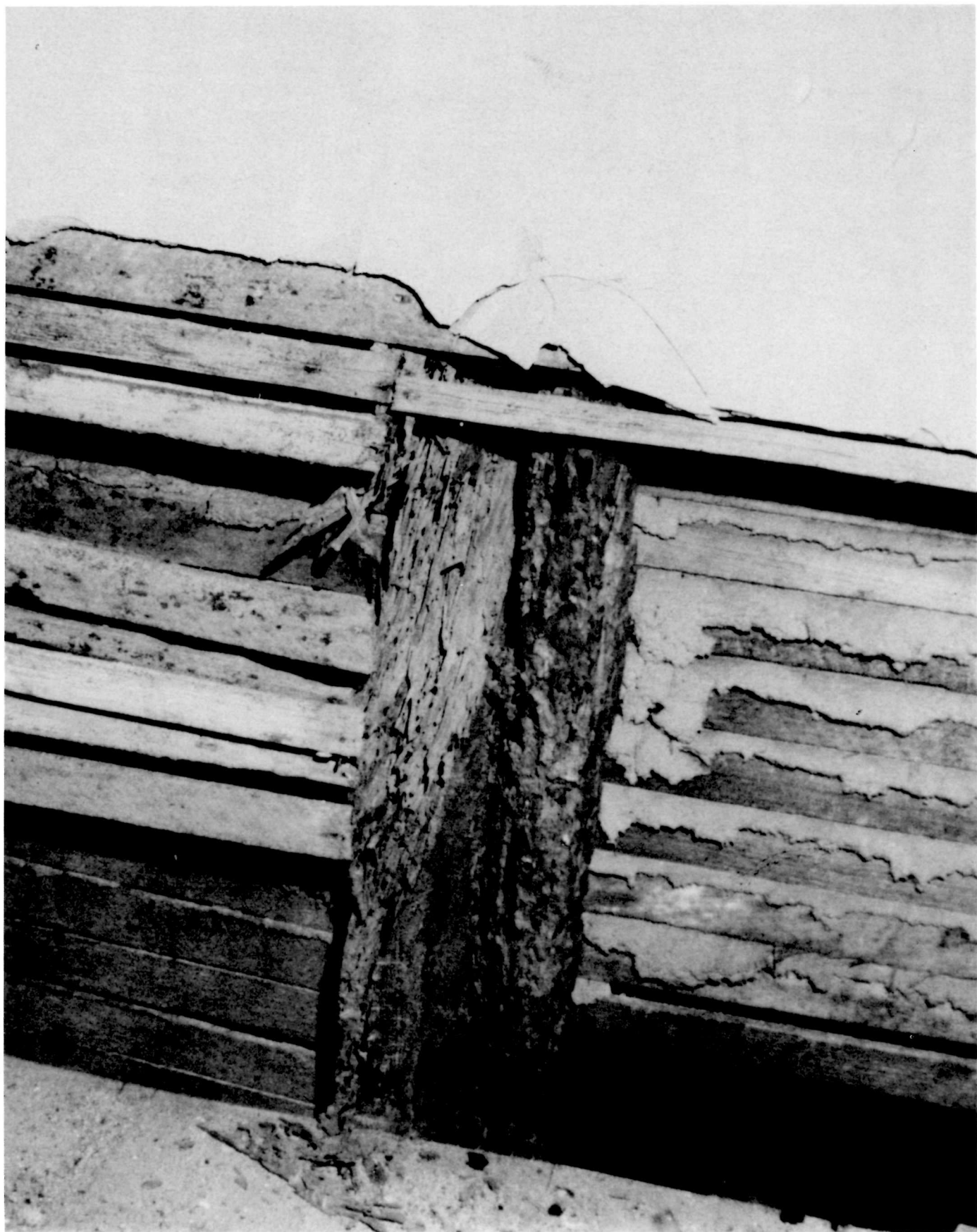


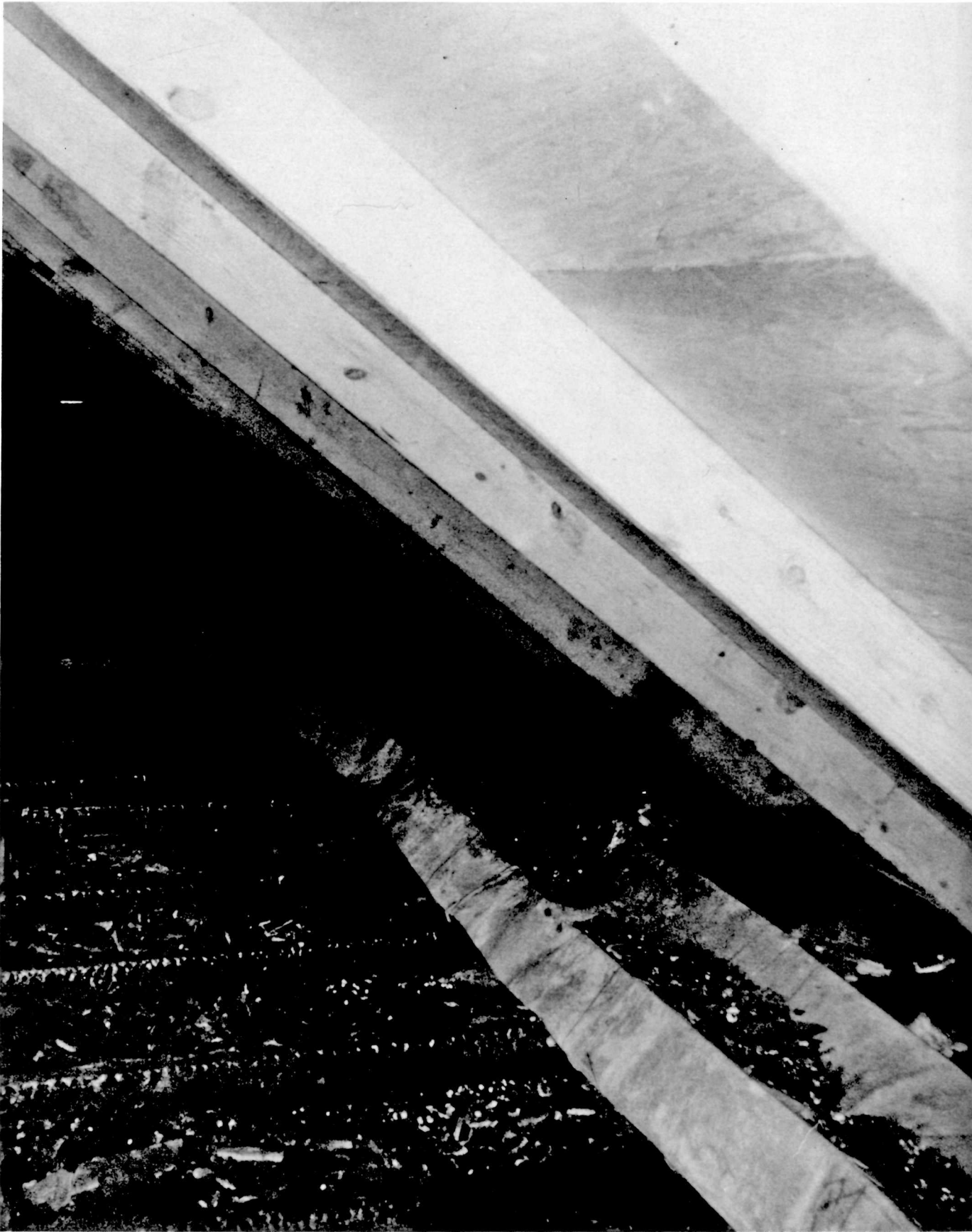
PLATE XXVII

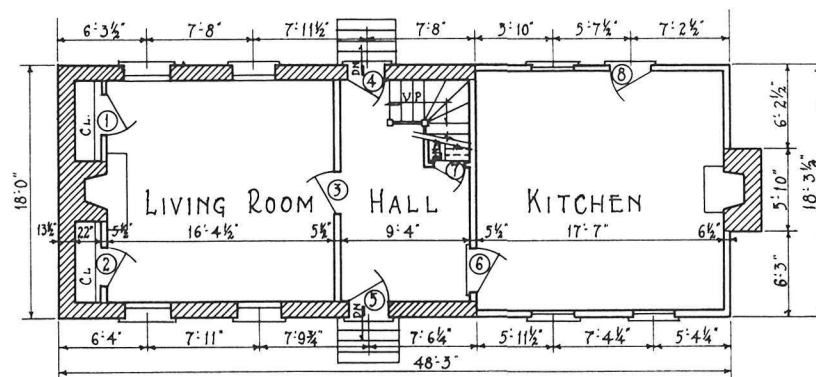
This photograph of the attic shows the extent of the fire damage in this area. Note underside of temporary roof construction.



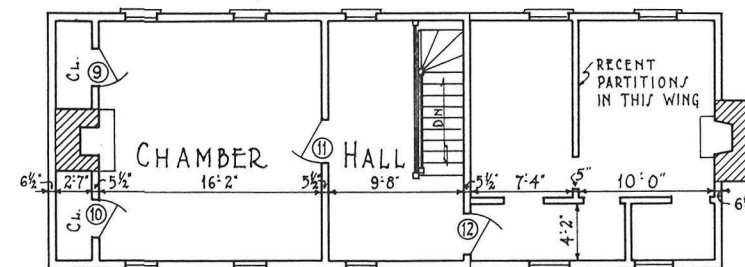
PLATE XXVIII

Heating ducts located in the attic were completely destroyed.

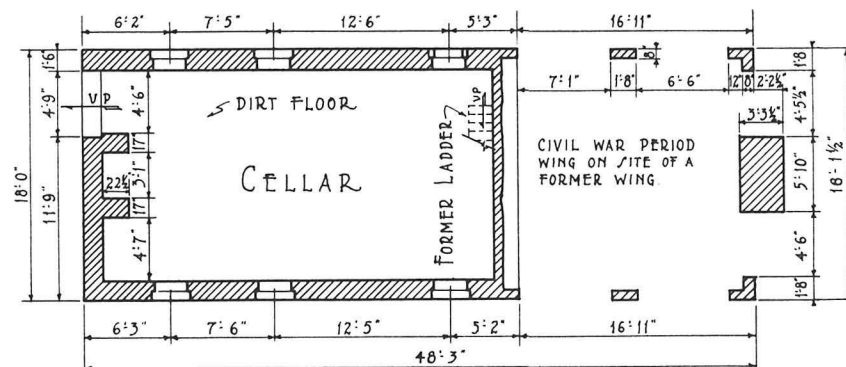




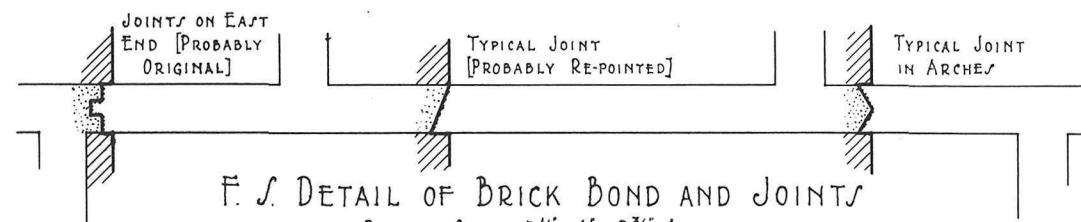
FIRST FLOOR PLAN
SCALE 1/8" = 1'-0"



SECOND FLOOR PLAN
SCALE 1/8" = 1'-0"



BASEMENT PLAN
SCALE 1/8" = 1'-0"



F.S. DETAIL OF BRICK BOND AND JOINTS
BRICK SIZE 2 1/2" x 4" x 8 3/4" AVERAGE
HEIGHT OF 4 COURSES + 4 JOINTS = 11 3/4"

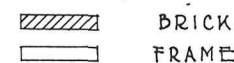
DOOR	SCHEDULE
1	2'-8" x 5'-11" x 1 1/4"
2	2'-8" x 5'-11" x 1 1/4"
3	2'-11" x 6'-3" x 1 3/8"
4	3'-0" x 6'-3 1/2" x 1 3/8"
5	3'-0" x 6'-3 1/2" x 1 3/8"
6	2'-11 1/2" x 6'-2 1/2" x 1 3/8"
7	2'-4 3/8" x 5'-4 1/2" x 1 1/8"
8	2'-10" x 6'-6" x 1 1/8"
9	2'-8" x 5'-11" x 1 1/4"
10	2'-8" x 5'-11" x 1 1/4"
11	2'-11 1/2" x 6'-11 1/2" x 1 1/8"
12	2'-10" x 5'-9 1/2" BATTEN

NOTE:

CLIFTON L. MCGHEE, HUSBAND OF A FORMER RESIDENT SAYS THAT "THE WEST WING WAS BUILT 3 OR 4 YEARS BEFORE CIVIL WAR, AFTER A 1 1/2 STOREY BRICK WING HAD BEEN TORN DOWN."



LEGEND



A. A. DAVIS, DEL.

U.S. DEPARTMENT OF THE INTERIOR
OFFICE OF NATIONAL PARKS, BUILDINGS, AND RESERVATIONS
BRANCH OF PLANS AND DESIGN

NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER CO., VA.



SURVEY NO.
VA 76

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 1 OF 13 SHEETS

INDEX NO.

PART ELEVATION
EAST CHIMNEY CAP
SCALE 1"=1'-0"



MATERIALS

INTERIOR
WALLS----- PLASTER
CEILINGS----- PLASTER
FLOORS----- PINE
TRIM----- PINE

EXTERIOR
WALLS----- BRICK - FRAME
FOUNDATION----- BRICK
CHIMNEYS----- BRICK
ROOF----- WOOD SHINGLES
CORNICES----- WOOD
SIDING----- DEADED 3/4" x 7 3/4", ABOUT
5 1/2" TO THE WEATHER.

COLORS

INTERIOR
WALLS----- WHITE
FLOORS----- NATURAL PINE
CEILINGS----- WHITE
WOODWORK----- BLACK
FORMERLY GRAY-GREEN.

EXTERIOR
SHINGLES----- NATURAL
SIDING----- FORMERLY WHITE
VERY WEATHERED.
TRIM----- FORMERLY WHITE
VERY WEATHERED
BRICK----- LIGHT & DARK REDS

NOTE: ALL SASH SHOWN
EXCEPT THE ONE IN THE FRAME
ADDITION ARE RECENT RE-
PLACEMENTS. SOME OF THE
OLD SASH EXIST, DETACHED.

NORTH [FRONT] ELEVATION
SCALE 1/4"=1'-0"

SCHEDULE OF OPENINGS

SECOND STOREY WINDOW-OLD PART-SASH 2'-3 5/8" x 3'-8 5/8"
SECOND STOREY WINDOW-ADDITION-SASH 2'-10 3/4" x 5'-2 3/8"
FIRST STOREY WINDOW-OLD PART-SASH 3'-0" x 5'-4 1/8" BRICK OPG. 3'-0 1/2" x 5'-11"
FIRST STOREY WINDOW-ADDITION-SASH 2'-10 3/4" x 5'-2 3/8"
ENTRANCE DOOR 3'-0" x 6'-3 1/2"
CELLAR WINDOW-BRICK OPG. 2'-5" x 2'-3 1/2"



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U.S. DEPARTMENT OF THE INTERIOR
OFFICE OF NATIONAL PARKS, BUILDINGS, AND RESERVATIONS
BRANCH OF PLANS AND DESIGN

NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER COUNTY, VA.



SURVEY NO.
VA 76

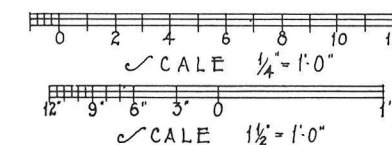
HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 2 OF 13 SHEETS

INDEX NO.



SOUTH [REAR] ELEVATION
SCALE 1/4" = 1'-0"

NOTE: SIZE OF OPENINGS SAME AS ON
NORTH ELEVATION, SHEET 2,
EXCEPT ENTRANCES DOORS - SEE
DOOR SCHEDULE, SHEET 1.



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BRANCH OF PLANS AND DESIGN

NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER COUNTY, VA.

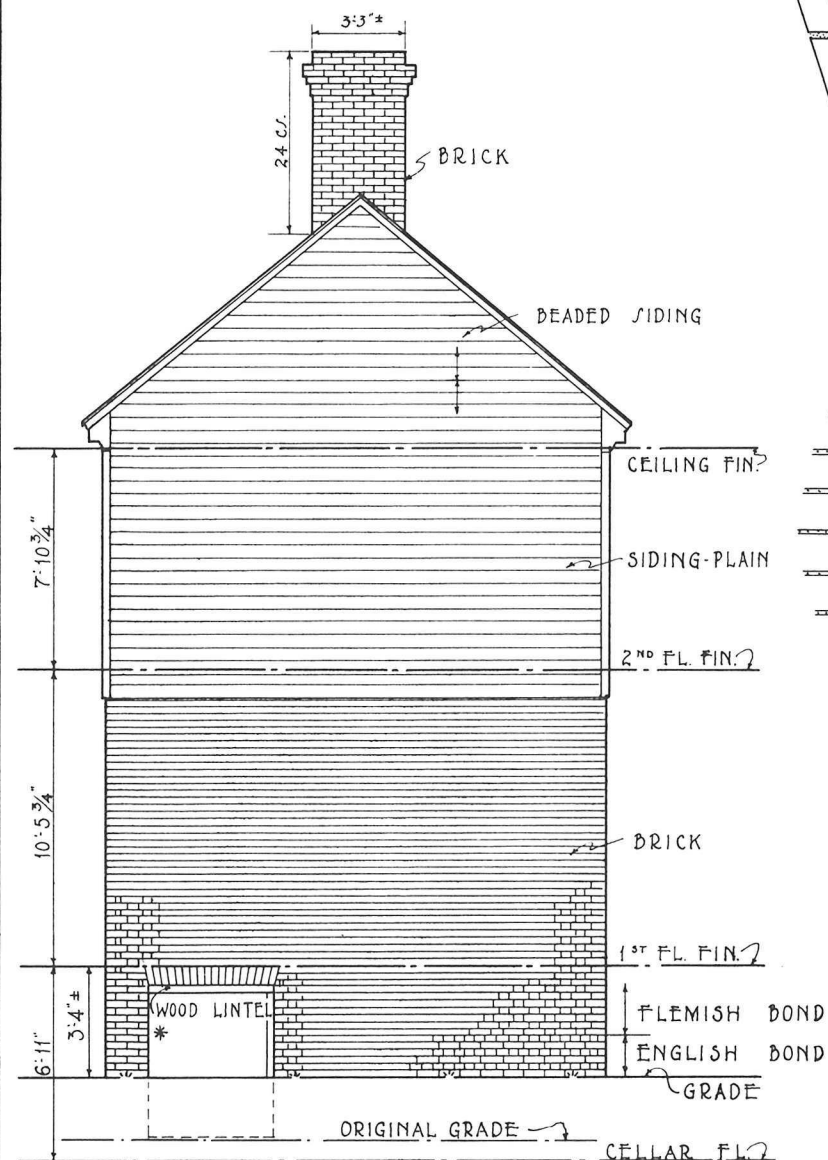


SURVEY NO.
VA 76

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 3 OF 3 SHEETS

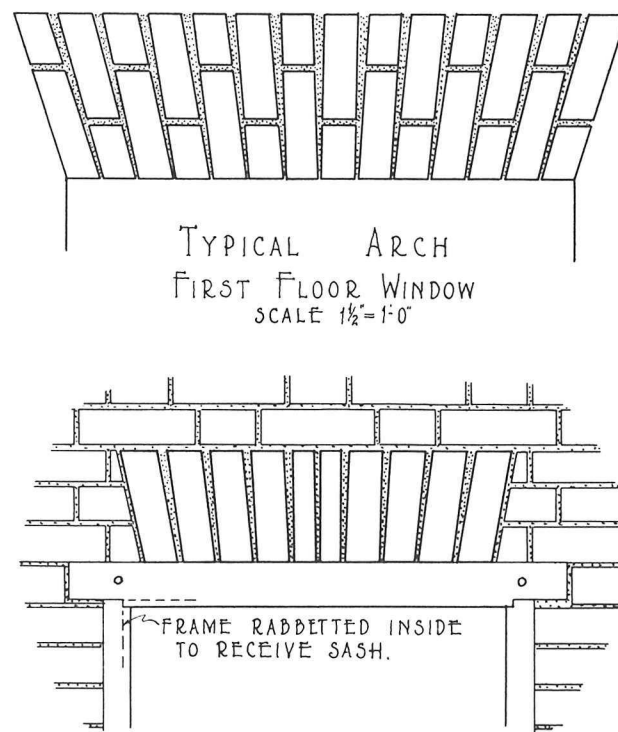
INDEX NO.

METRIC SCALE

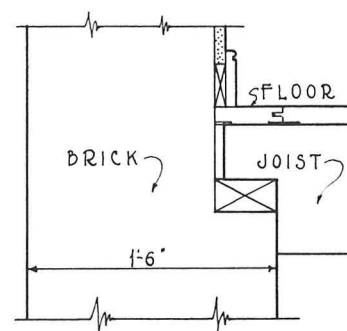


EAST [SIDE] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$

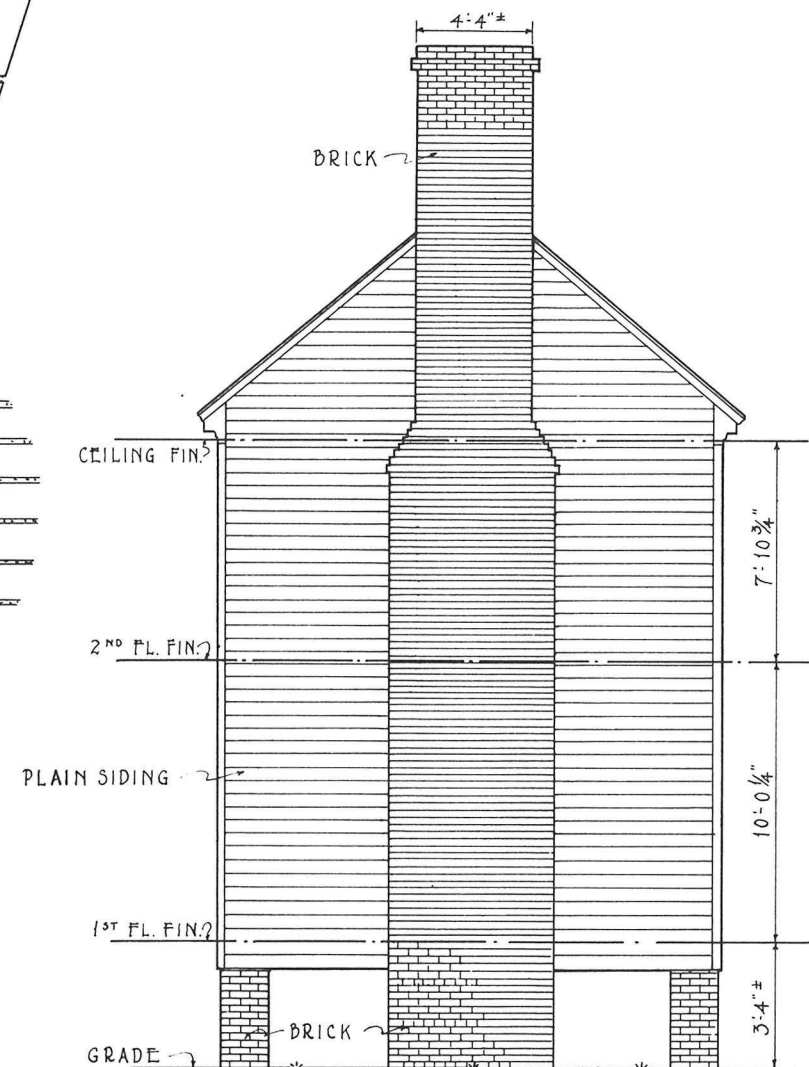
* BRICK OPENING 4'-9" x 5'-5 1/2"



TYPICAL ARCH
CELLAR WINDOW
SCALE $\frac{1}{2}" = 1'-0"$

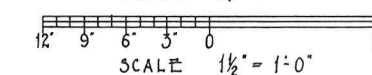
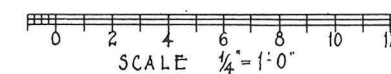


SECTION THRU
CELLAR WALL
SCALE $\frac{1}{2}" = 1'-0"$



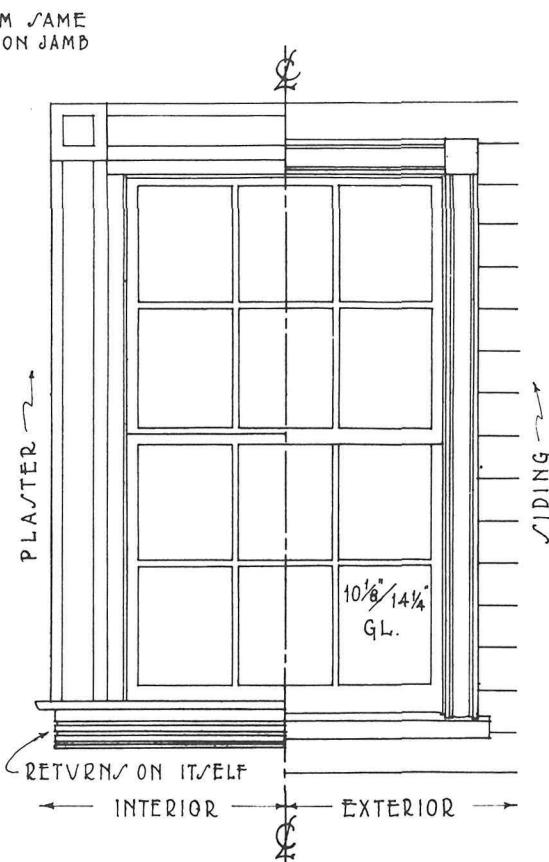
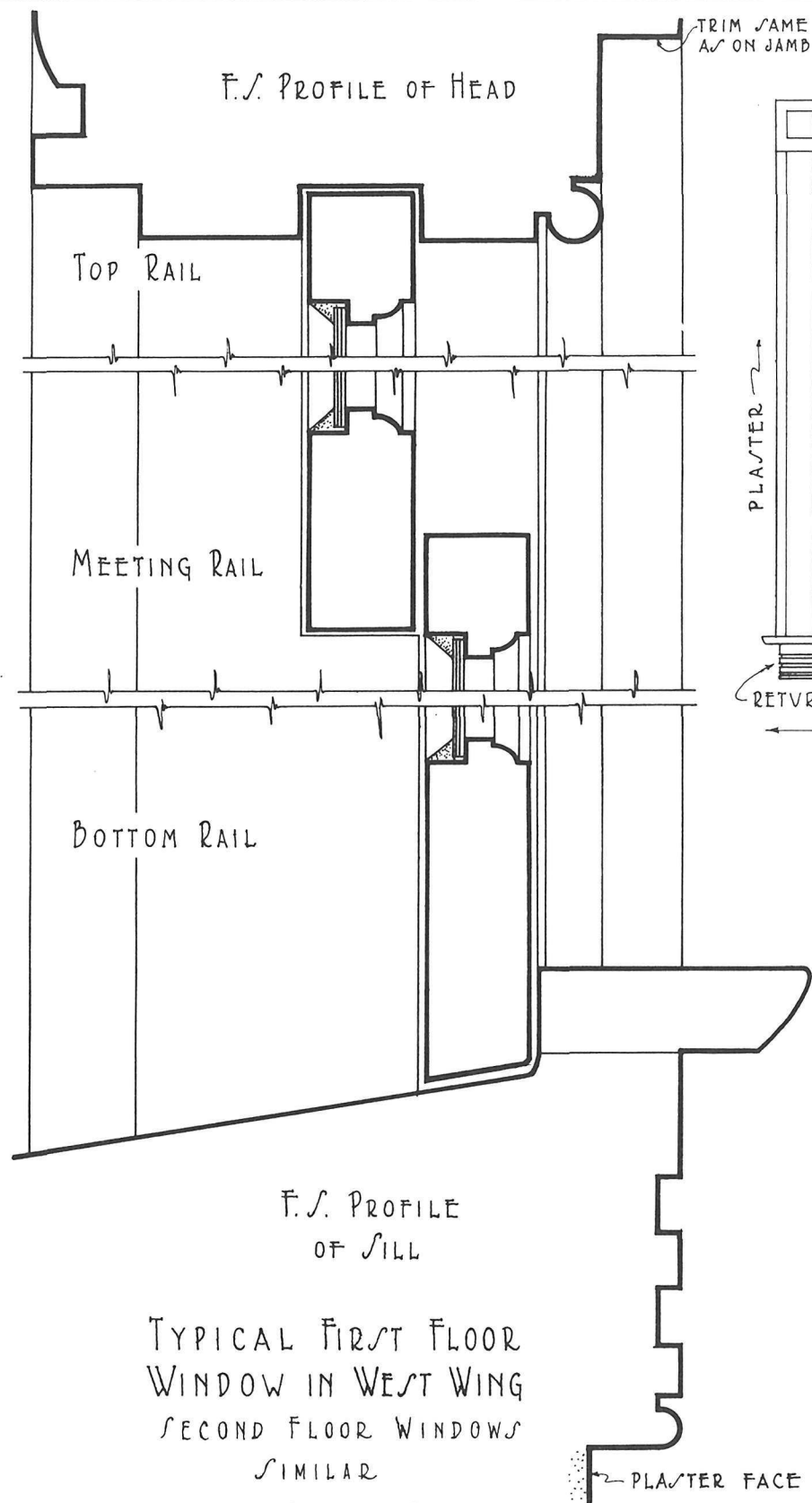
WEST [SIDE] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$

BRICK BOND-WEST CHIMNEY: 70 COURSES ABOVE
GRADE, COMMON BOND. HEADER COURSE
EVERY 6TH ROW. REMAINING 67 COURSES-
STRAIGHT STRETCHER BOND.

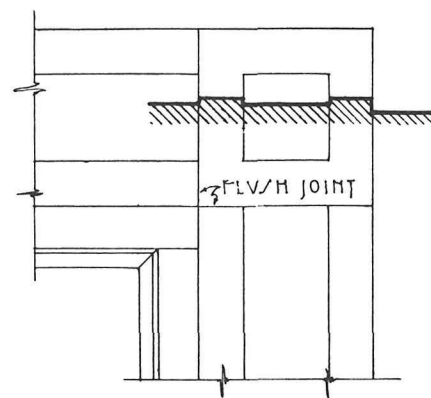


METRIC SCALE

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ELEVATION
SCALE 1"=1'-0"



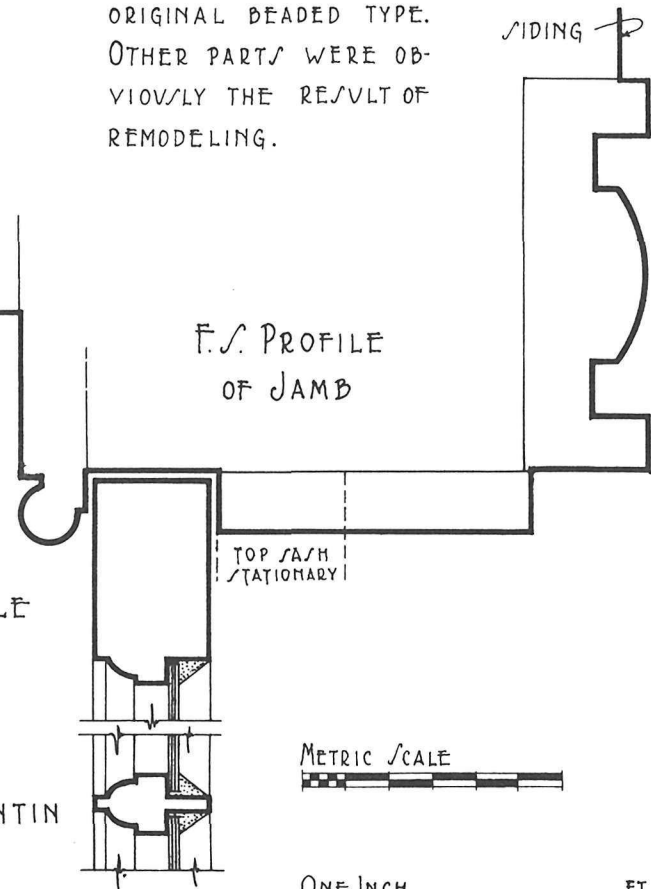
SCALE 3"=1'-0"

NOTE: WINDOW SHOWN HERE HAS THE ONLY ORIGINAL SASH REMAINING IN THE WEST WING.

IT SHOULD ALSO BE NOTED THAT THE UPPER SASH HAS APPARENTLY BEEN HUNG UPSIDE DOWN.

COMPARISON WITH OTHER PLATES IN THIS SET WILL BRING OUT THE DIFFERENCE OF STYLES AS USED IN THE ORIGINAL HOUSE AND IN THE ADDITION

PARTS OF THE SIDING ARE THE ORIGINAL BEADED TYPE. OTHER PARTS WERE OBVIOUSLY THE RESULT OF REMODELING.

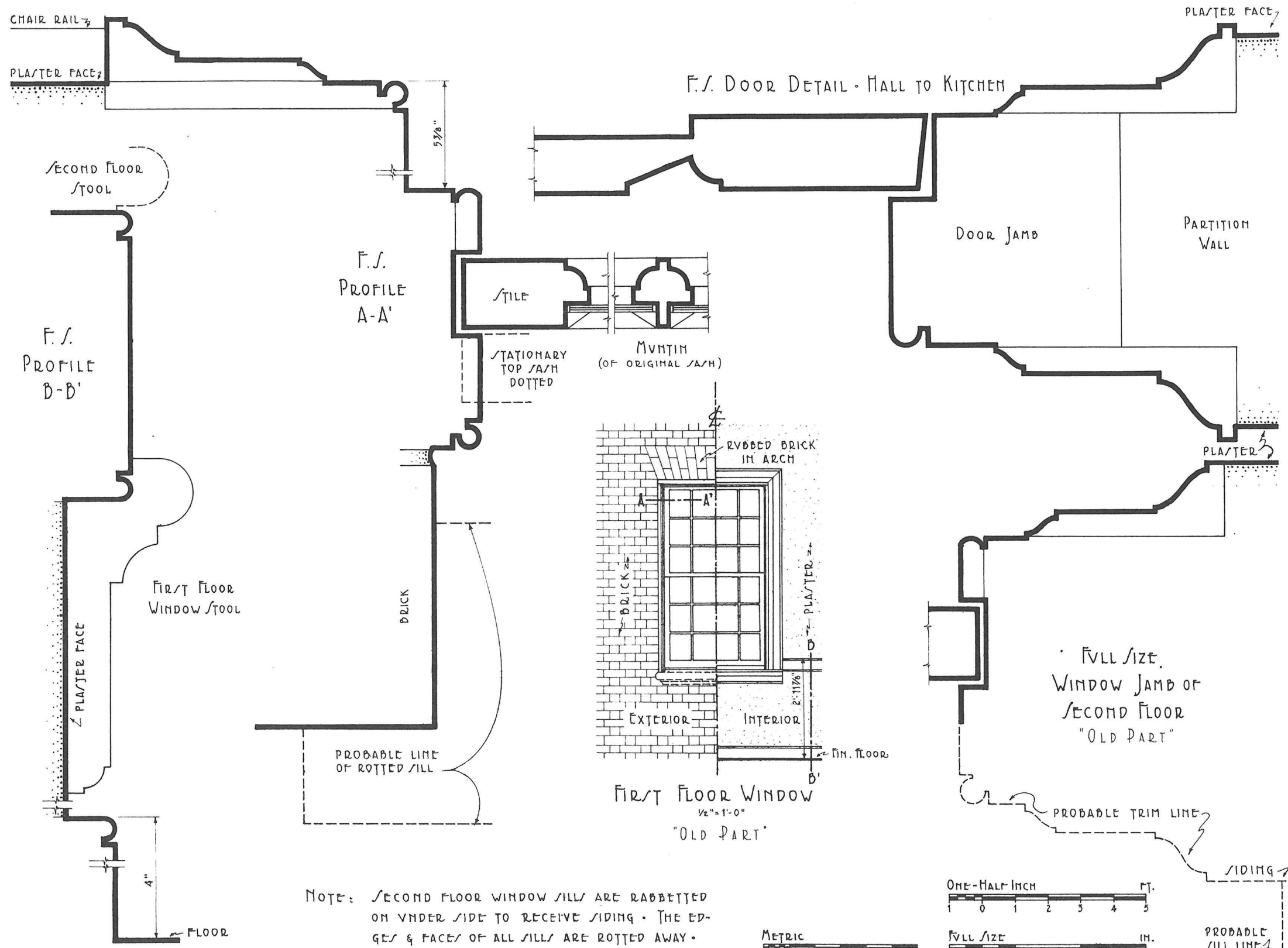


METRIC SCALE

ONE INCH
0 1 2

THREE INCHES
0 1

FULL SIZE
0 1 2



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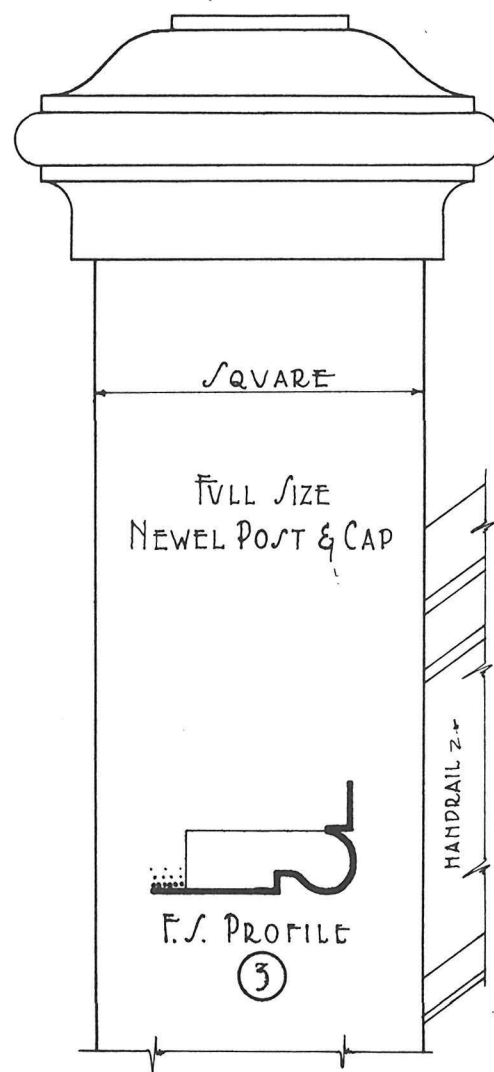
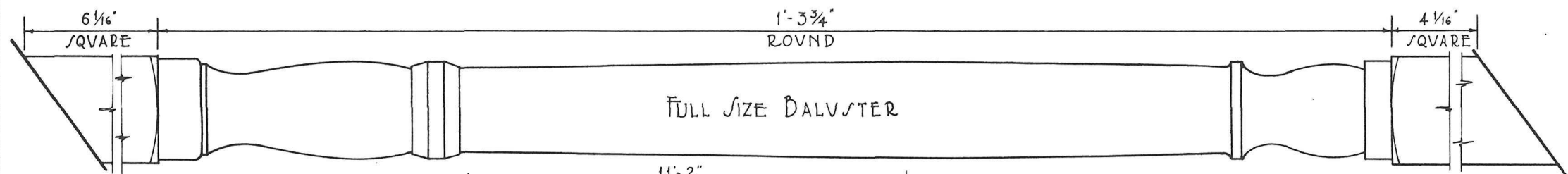
NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER CO., VA.



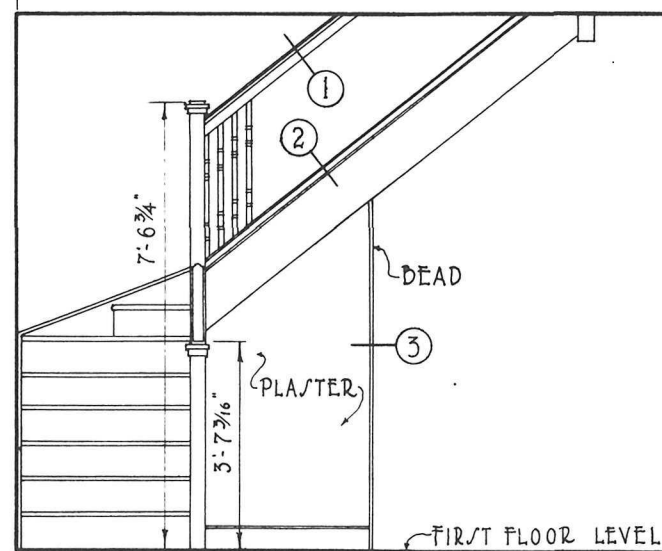
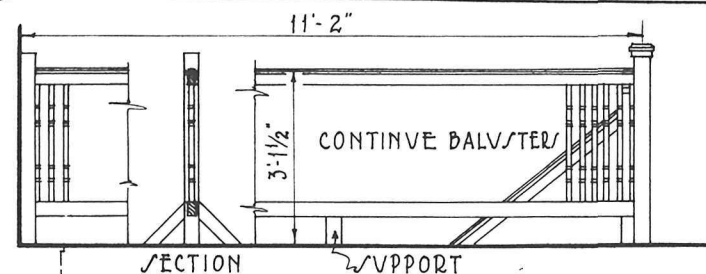
SURVEY NO.
VA 76

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 6 OF 13 SHEETS

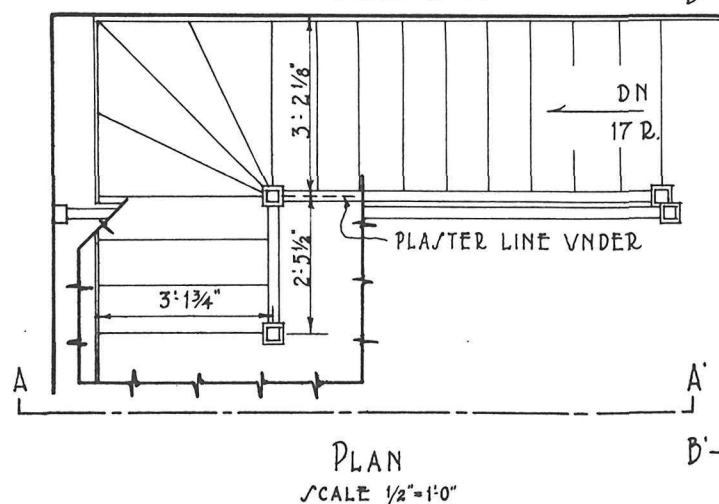
INDEX NO.



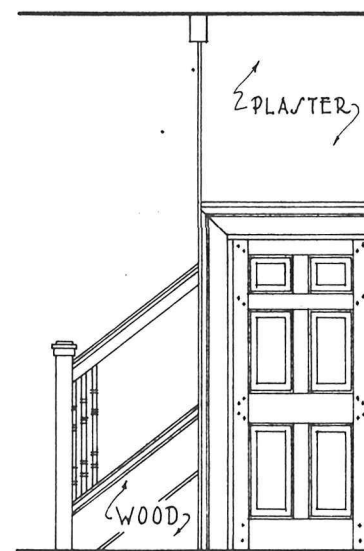
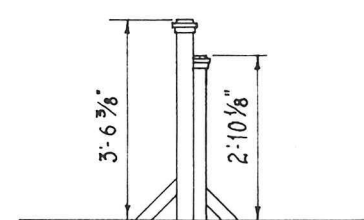
MATERIALS
BALUSTERS, RAILS & NEWELS - POPLAR
TREADS & RISERS - PINE
COLORS
WOODWORK - BLACK (FORMERLY GRAY GREEN)
PLASTER - WHITE
A.A. DAVIS & H.W. SHUPE, DEL.



SECTION A-A'
SCALE 1/2" = 1'-0"

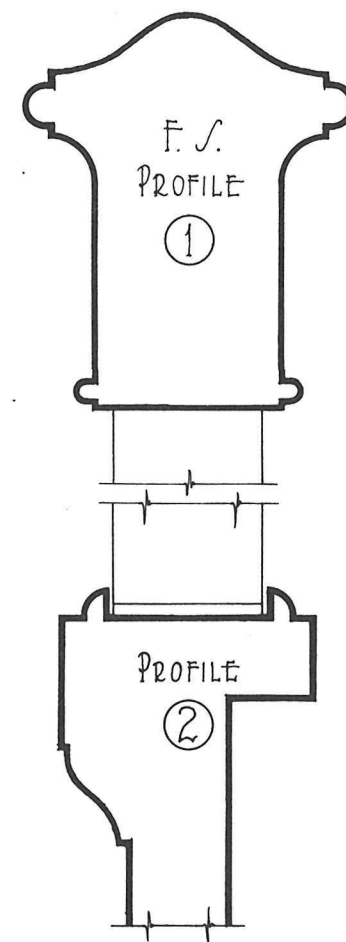


PLAN
SCALE 1/2" = 1'-0"

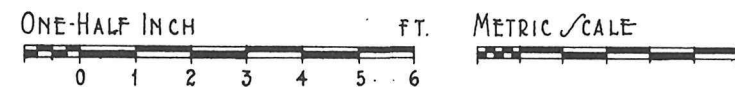
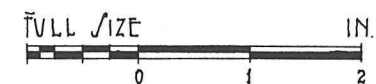


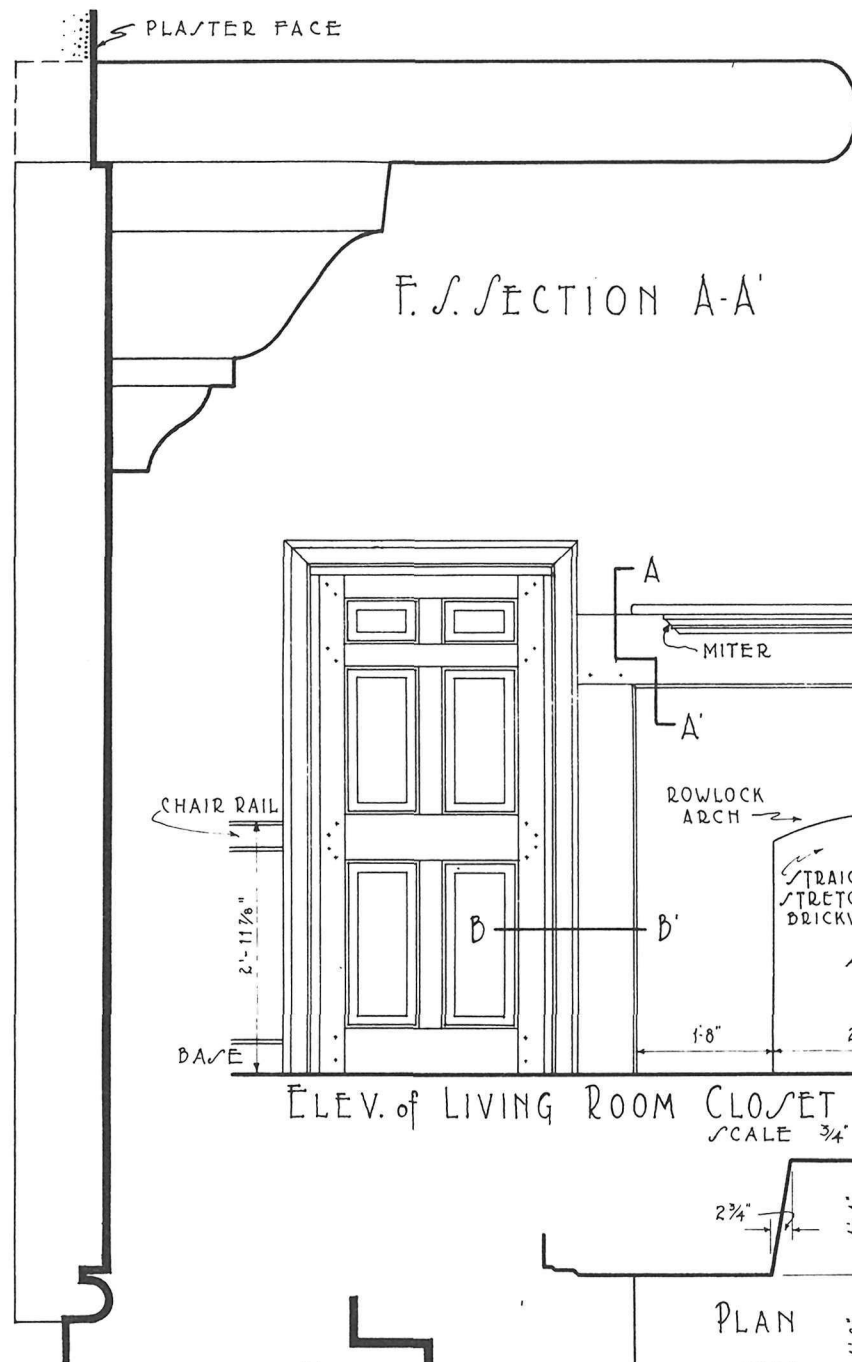
SECTION B-B'
SCALE 1/2" = 1'-0"

DETAIL OF
MAIN
STAIRWAY

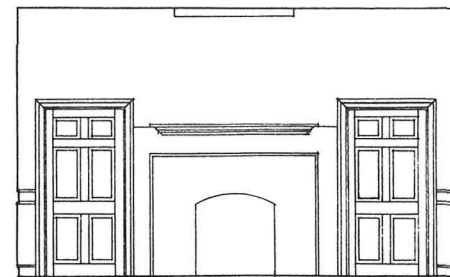


SCALES

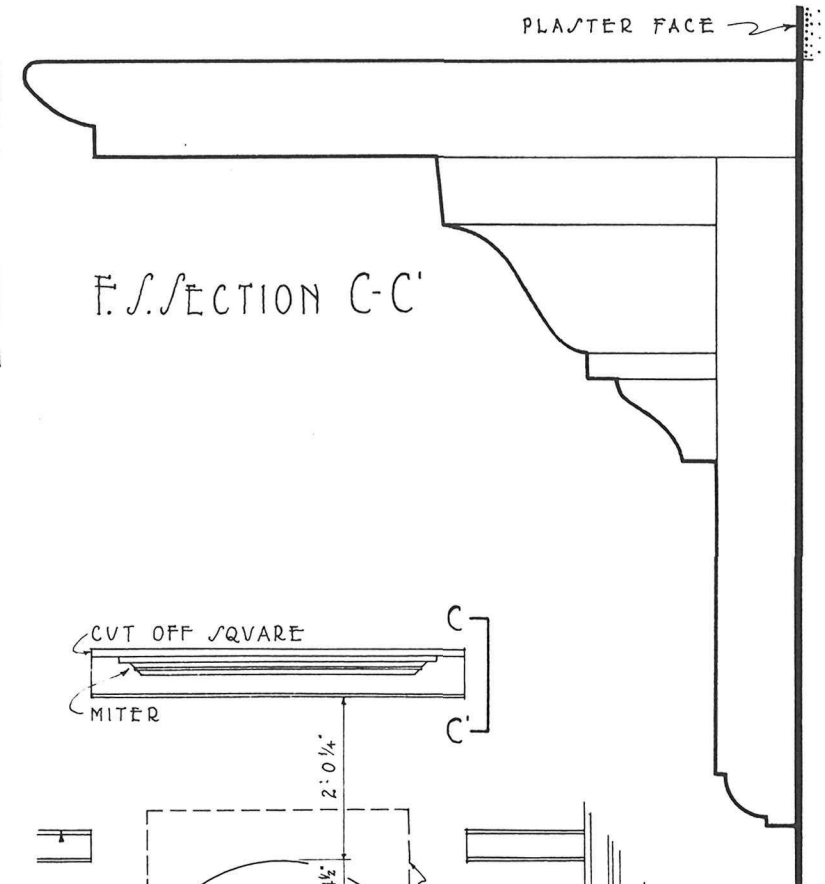




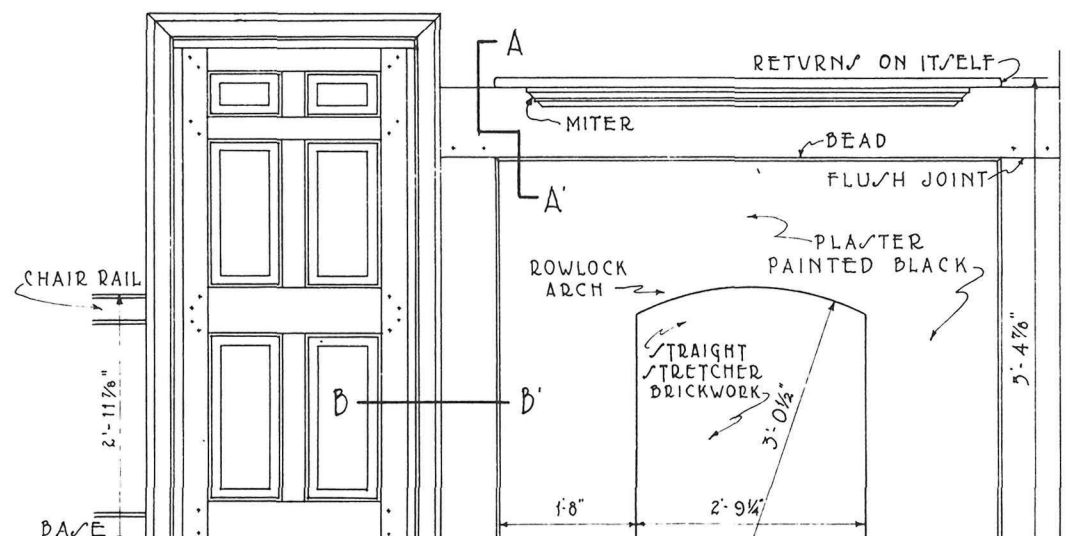
F.S. SECTION A-A'



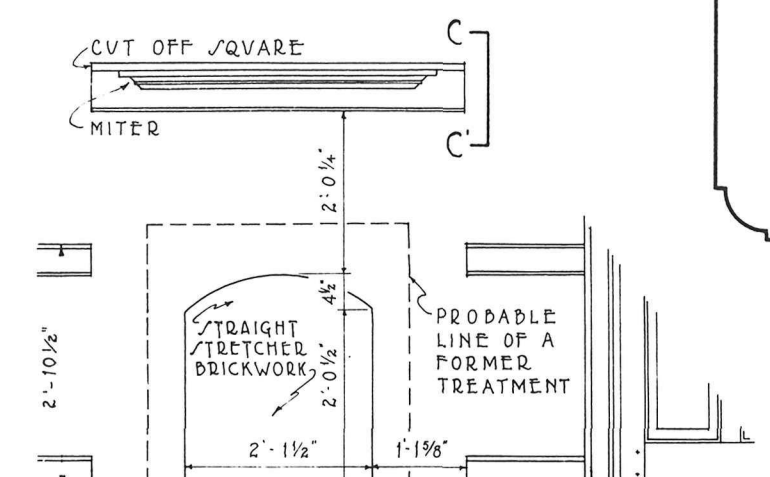
EAST ELEVATION of LIVING ROOM
SCALE 1/4" = 1'-0"



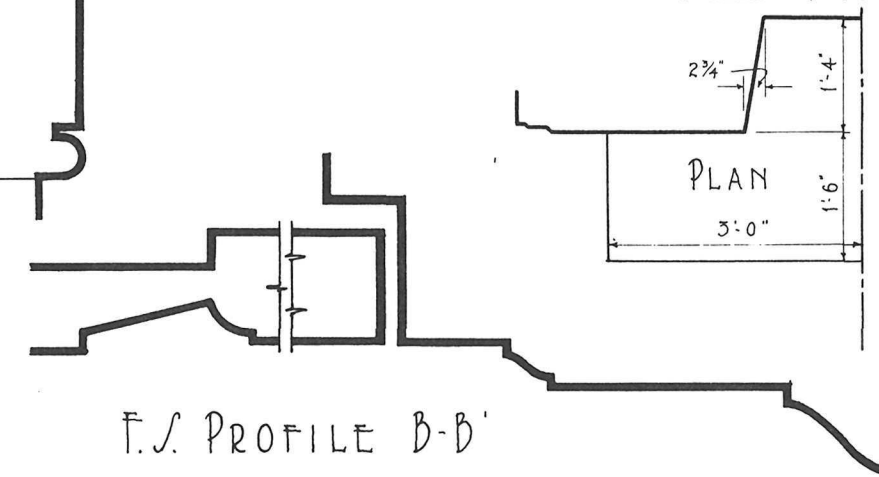
F.S. SECTION C-C'



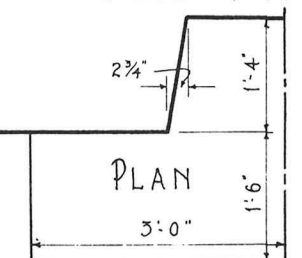
ELEV. of LIVING ROOM CLOSET DOOR & MANTEL
SCALE 3/4" = 1'-0"



ELEV. of BED ROOM MANTEL
SCALE 3/4" = 1'-0"



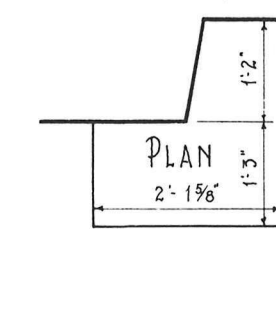
F.S. PROFILE B-B'



PLAN

NOTE - DOORS AND
MANTELS ARE OF PINE
AND ARE NOW PAINTED
BLACK - FORMERLY A
GRAY-GREEN.

CLOSET DOORS
IN BOTH LIVING & BED
ROOMS ARE SIMILAR.



PLAN

METRIC SCALE

ONE-FOURTH INCH FT.

THREE-FOURTHS INCH FT.

FULL SIZE IN.

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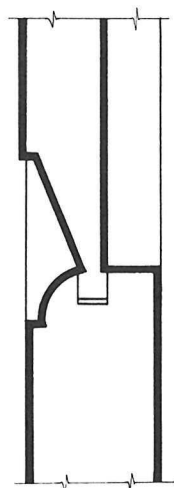
U.S. DEPARTMENT OF THE INTERIOR
OFFICE OF NATIONAL PARKS, BUILDINGS, AND RESERVATIONS
BRANCH OF PLANS AND DESIGN

NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER COUNTY, VA.

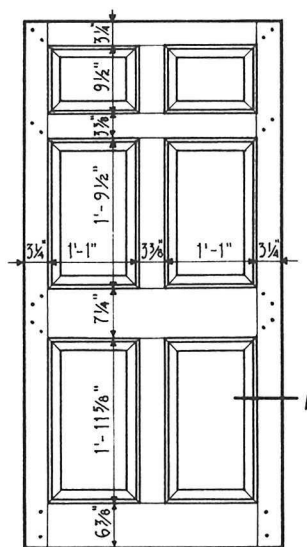
SURVEY NO.
VA 76

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 8 OF 13 SHEETS

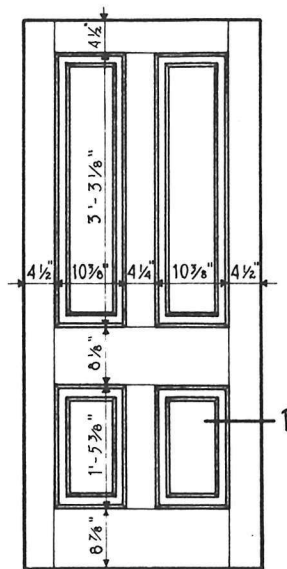
INDEX NO.



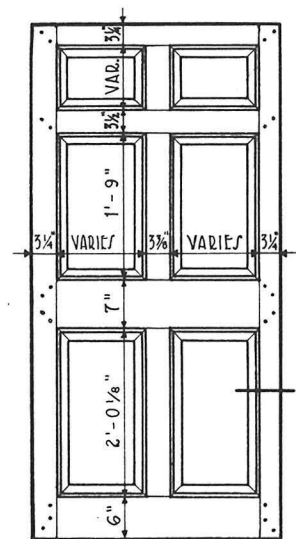
F.S. DETAIL OF
PANEL JOINT "A"



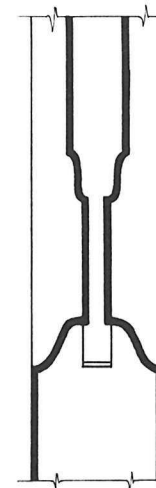
THE OLD ENTRANCE
DOOR



OUTSIDE DOOR OF
ADDITION ⑧

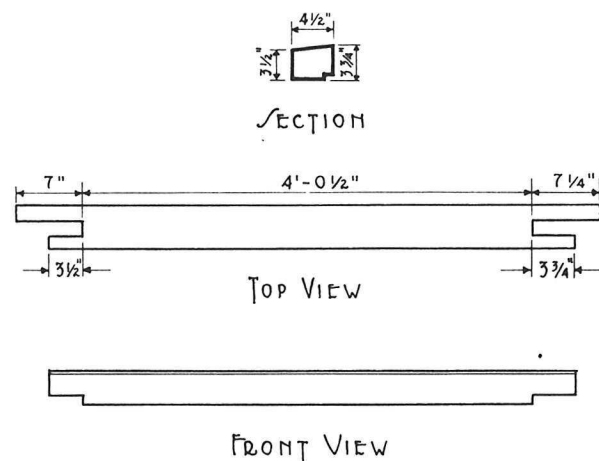


TYPICAL DOOR OF THE
INTERIOR

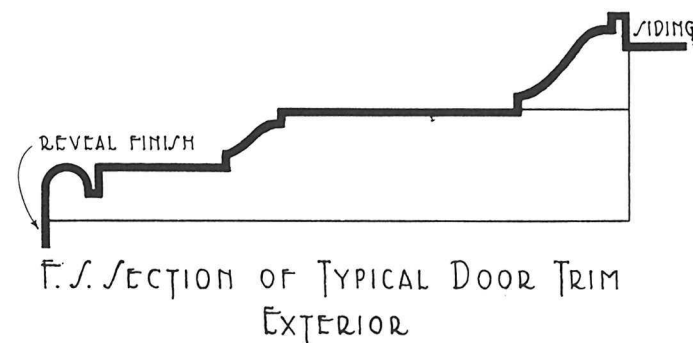


F.S. DETAIL OF
PANEL JOINT "B"

ELEVATIONS OF DOORS 3/4" = 1'-0"



TYPICAL DOOR DETAILS.



OAK LINTEL OVER
BASEMENT DOOR
1" = 1'-0"



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BRANCH OF PLANS AND DESIGN

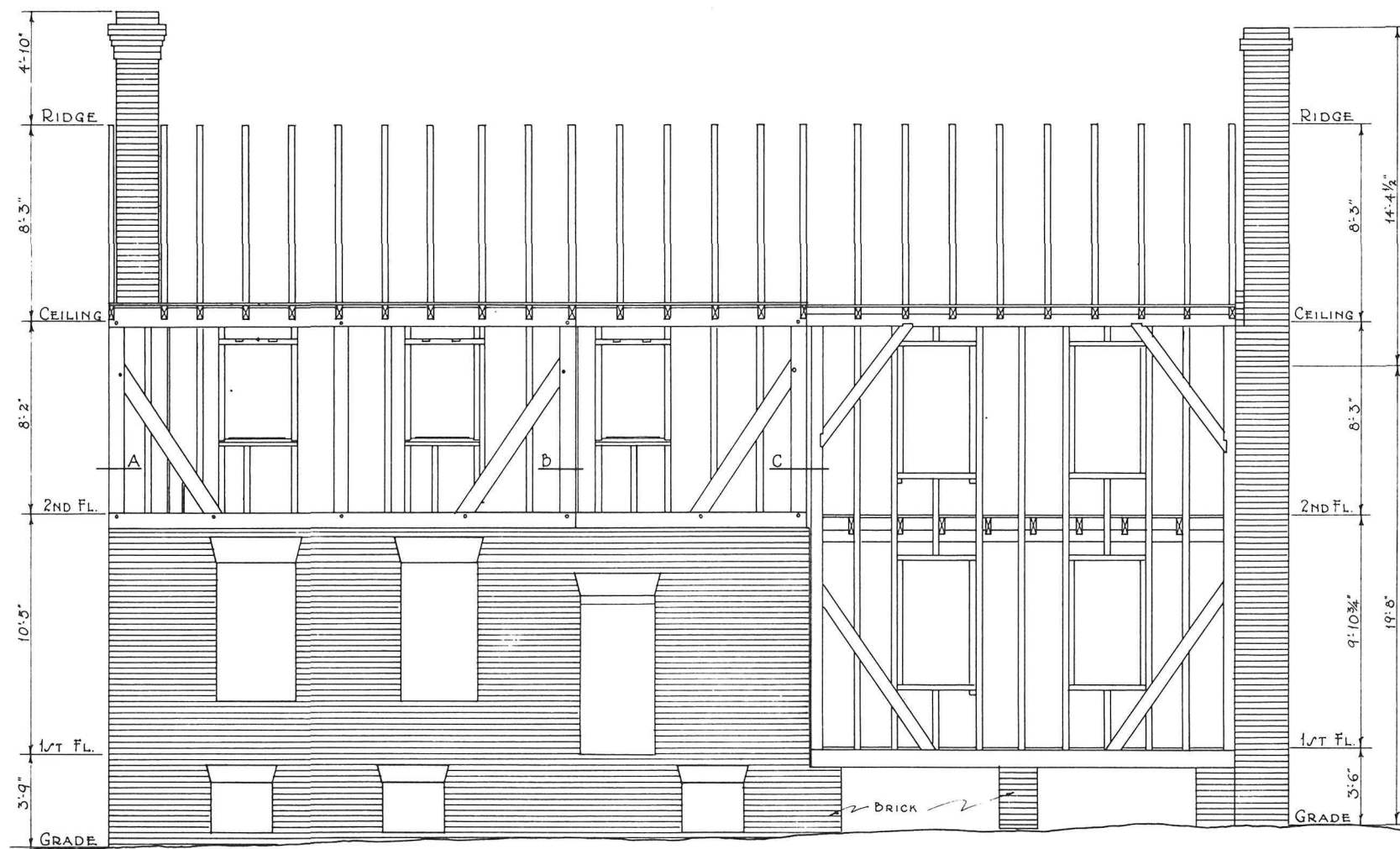
NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, MANOVER CO., VA.



SURVEY NO.
VA 76

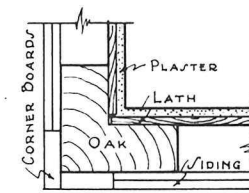
HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 10 OF 13 SHEETS

INDEX NO.



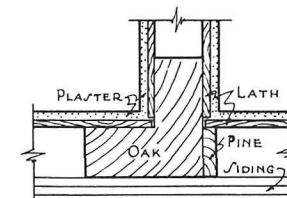
NORTH [FRONT] ELEVATION

SCALE $\frac{1}{4}'' = 1'-0''$



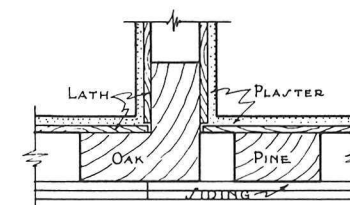
SECTION A

SCALE $\frac{1}{2}'' = 1'-0''$



SECTION B

SCALE $\frac{1}{2}'' = 1'-0''$



SECTION C

SCALE $\frac{1}{2}'' = 1'-0''$

GENERAL NOTES

ALL RAFTERS ARE 3"x4" PINE. COLLAR BEAMS ARE 2"x4" PINE, LET-IN TO RAFTERS 5'-0" ABOVE CEILING JOIST. RAFTERS WERE ALSO MORTISED TO RECEIVE COLLAR BEAMS 4'-0" ABOVE CEILING JOIST. CEILING JOISTS ARE: ORIGINAL HOUSE 3"x8" PINE; ADDITION 3"x6" PINE. PLATES ARE: O.H. 4"x10" PINE; ADD. 4"x6" PINE. CORNER POSTS ARE: O.H. 8 1/2"x8 1/2" V-SHAPED, OAK; ADD. 4"x6" PINE. CORNER BRACES ARE: O.H. 4"x8" PINE; ADD. TOP 1"x8" PINE, BOTTOM 4"x8" PINE. ALL STUDS ARE 3"x4" PINE. SECOND FLOOR SILLS, O.H., ARE 10"x8 1/2" PINE. SECOND FLOOR JOISTS, ADD, ARE 2"x8" PINE. RIBBON BOARDS, ADD, ARE 1"x8" PINE. FIRST FLOOR JOISTS, ADD, ARE 2"x8" PINE. SILLS, ADD, ARE 10"x10" PINE. SECOND STOREY WINDOW SILLS, O.H., SHOWN ARE THE FINISHED SILLS.

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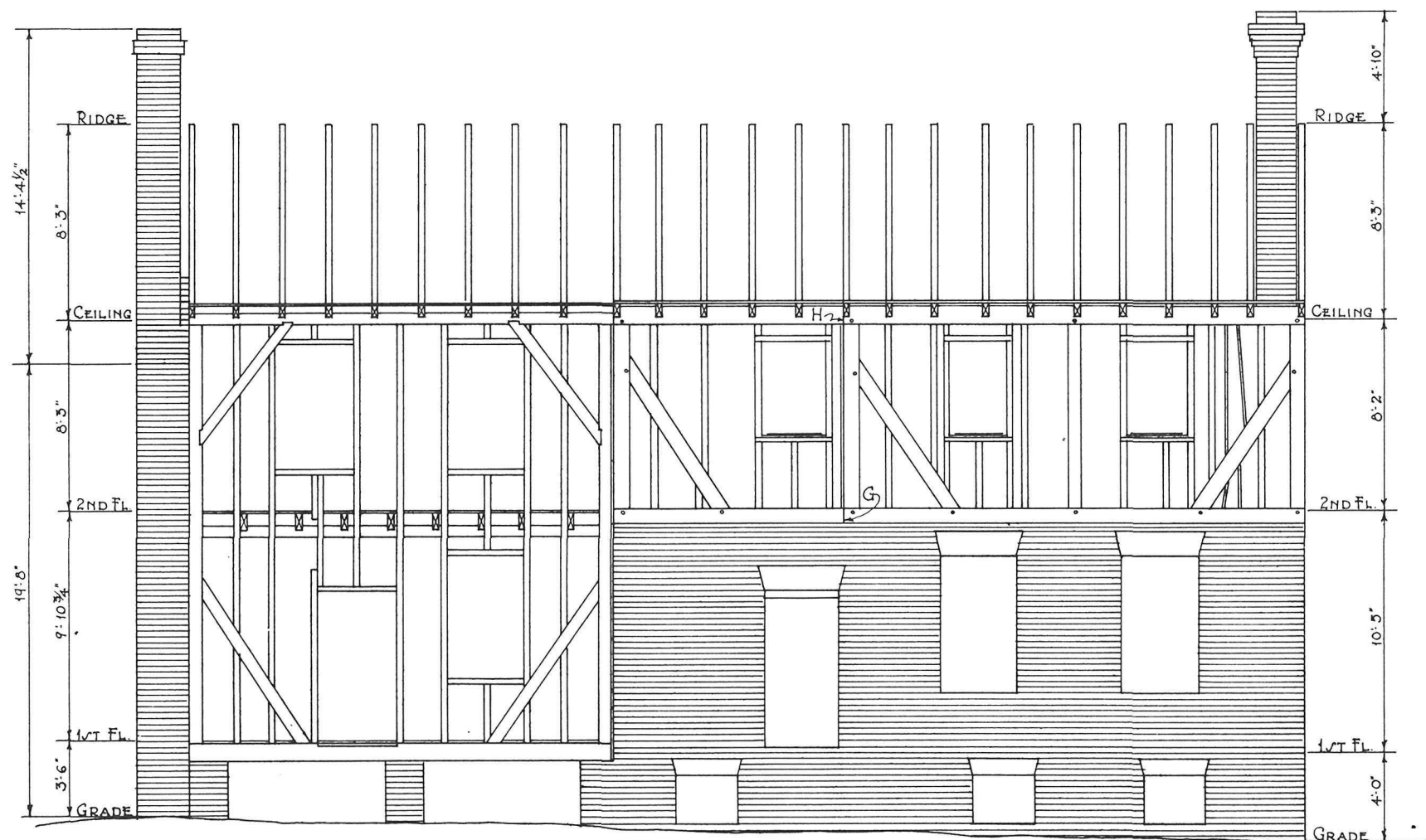
U.S. DEPARTMENT OF THE INTERIOR
OFFICE OF NATIONAL PARKS, BUILDINGS, AND RESERVATIONS
BRANCH OF PLANS AND DESIGN

NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER COUNTY, VA.

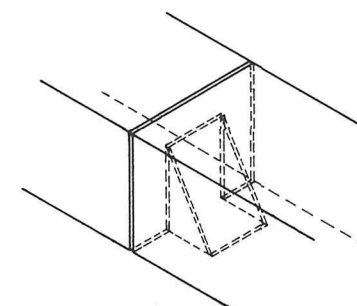
SURVEY NO.
VA-76

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 11 OF 13 SHEETS

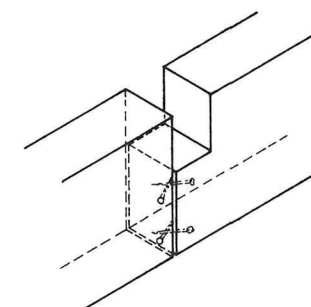
INDEX NO.



SOUTH [REAR] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$



JOINT AT 'G'
SCALE $1\frac{1}{2}" = 1'-0"$



JOINT AT 'H'
SCALE $1\frac{1}{2}" = 1'-0"$

GENERAL NOTES

GENERAL NOTES ON SHEET WITH NORTH ELEVATION APPLY TO THIS SHEET ALSO. LINTEL UNDER ARCH OF HALL ENTRANCE IS OAK. NONE OF THE INTERMEDIATE RAFTERS SHOW ANY EVIDENCE OF HAVING HAD A GABLE END CONSTRUCTED ON THEM. THE SECOND STOREY WINDOW SILLS SHOWN ARE THE FINISHED SILLS.

ONE-FOURTH INCH FT.

ONE AND ONE-HALF INCH FT.

METRIC SCALE

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BRANCH OF PLANS AND DESIGN

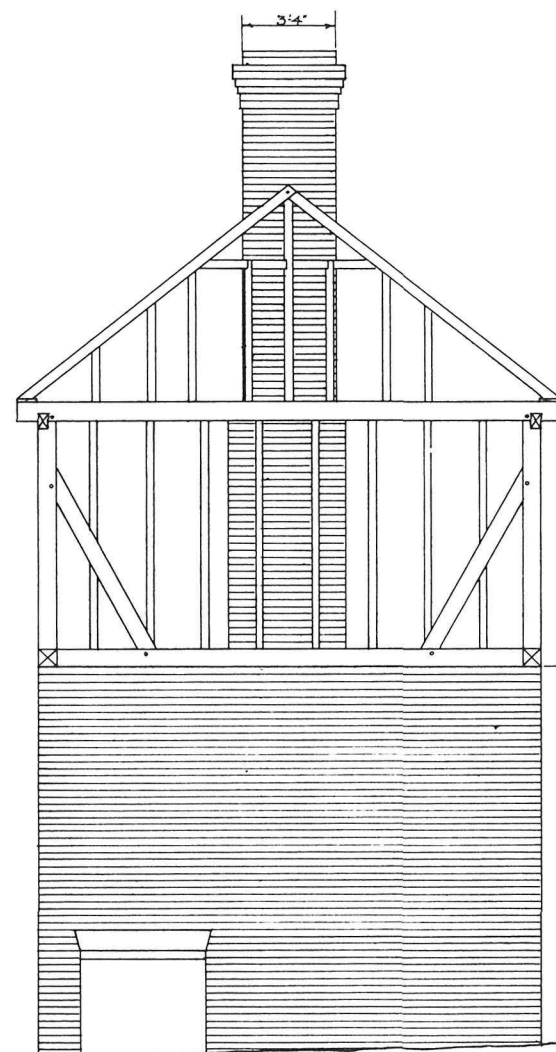
NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER COUNTY, VA



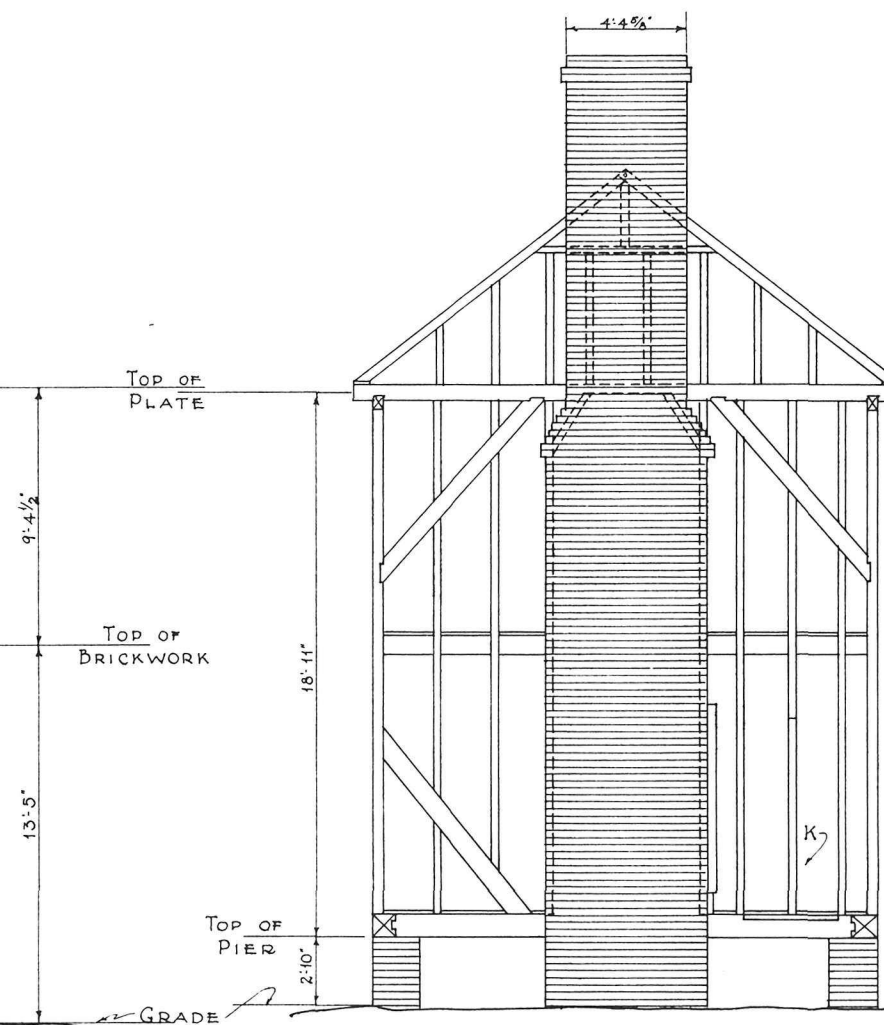
SURVEY NO.
VA-76

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 12 OF 13 SHEETS

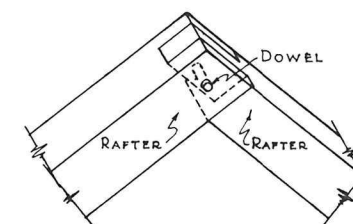
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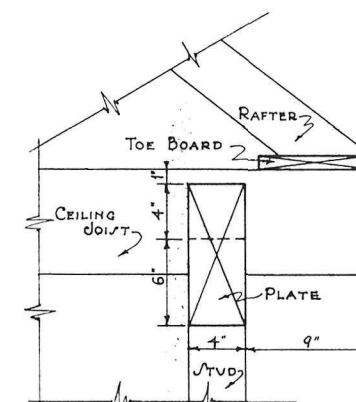
EAST [SIDE] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$



WEST [SIDE] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$



RIDGE JOINT OF RAFTERS
SCALE $\frac{1}{2}" = 1'-0"$



SECTION
FRAMING AT EAVES
SCALE $\frac{1}{2}" = 1'-0"$

GENERAL NOTES

GENERAL NOTES ON SHEET WITH NORTH ELEVATION APPLY TO THIS SHEET ALSO. LINTEL SHOWN UNDER ARCH OF BASEMENT ENTRANCE IS GAK. FRAMING AT 'K' INDICATES THAT IT WAS FRAMED FOR A DOOR. HOWEVER, THERE IS NO EVIDENCE THAT THE DOOR FRAME WAS SET.



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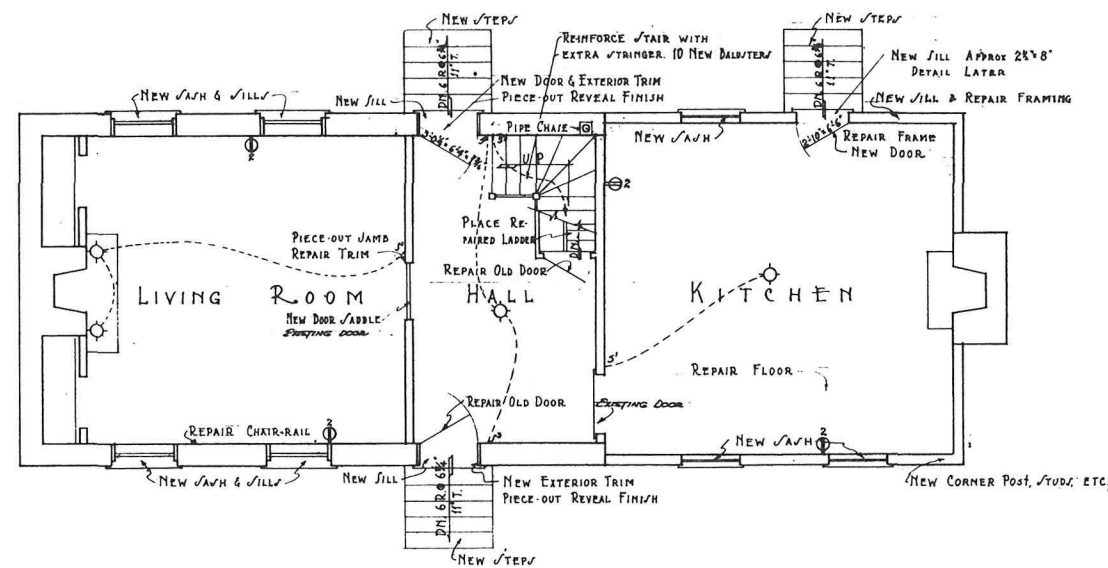
NAME OF STRUCTURE
GATHWRIGHT HOUSE
OLD COLD HARBOR, HANOVER COUNTY, VA.



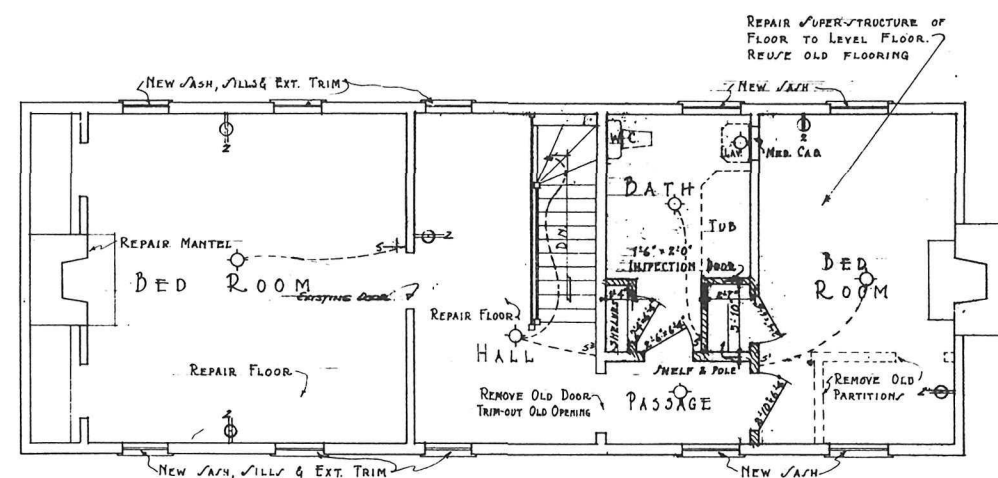
SURVEY NO.
VA-76

HISTORIC AMERICAN
BUILDINGS SURVEY
SHEET 13 OF 13 SHEETS

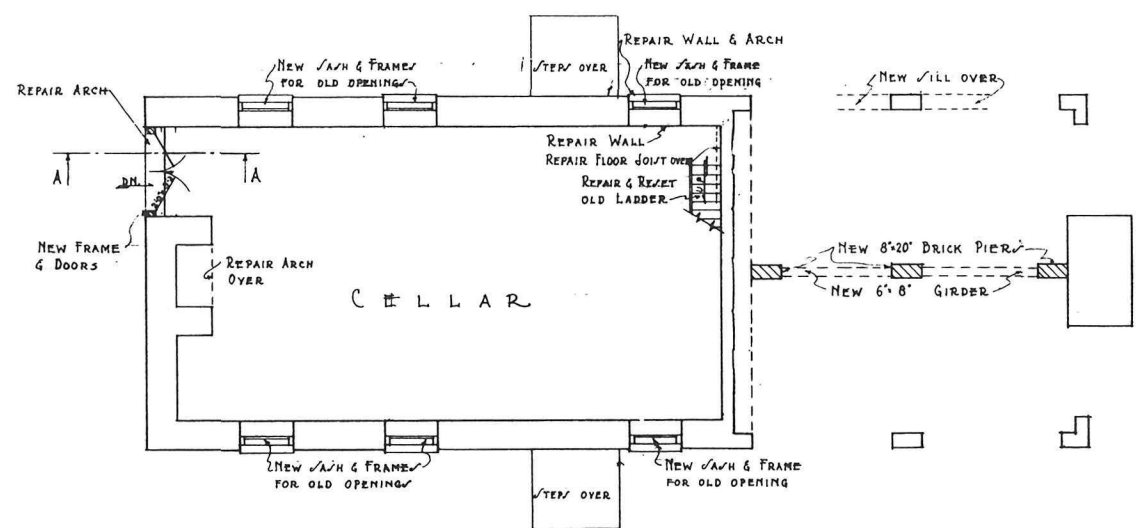
INDEX NO.



FIRST FLOOR PLAN
SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN
SCALE 1/4" = 1'-0"



BASEMENT PLAN
SCALE 1/4" = 1'-0"

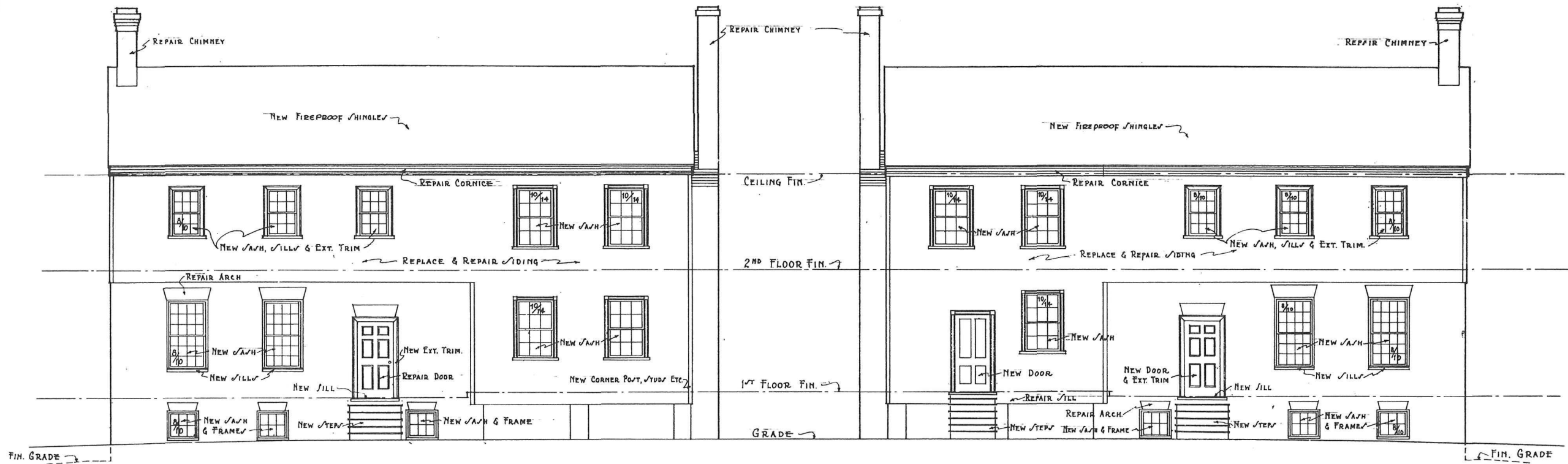
GENERAL NOTES

REPLACE AND REPAIR OLD SIDING, WHERE NECESSARY.
 REPAIR CORNICE, USE ALL OLD CROWN AND BED MOULDS THAT ARE SOUND.
 NEW VERGE BOARDS, APPROXIMATE DETAIL SHOWN, BUT EXACT DETAIL WILL BE FURNISHED LATTER.
 PATCH ALL PLASTER, WHERE NECESSARY, THE ENTIRE SECOND STOREY CEILING WILL BE NEW PLASTER.
 POINT-UP AND REPAIR ALL BRICKWORK, WHERE NECESSARY, RECAP CHIMNEYS, REPLACE ARCHES ETC.
 ALL NEW MILLWORK WILL BE EXACTLY AS DETAILED AND OF THE MATERIAL SPECIFIED.
 THE PLUMBING FIXTURES AND ELECTRIC WIRING SHOWN WILL BE ROUGH-IN FOR, ONLY IF SO DIRECTED BY ARCHITECTURAL FOREMAN
 ALL OLD DOOR AND WINDOW FRAMES SHALL BE LINED-UP AND ALL NECESSARY REPAIR DONE BEFORE NEW DOORS OR WINDOWS ARE HUNG.
 REPLACE ALL NECESSARY SECOND STOREY CEILING JOIST AND PLATES.
 REPLACE ALL OLD RAFTERS WITH 2"x8" #1 COMMON PINE RAFTERS 2'0" O.C. REPLACE SHEATHING.
 THERE SHALL BE AN ENTIRE NEW FIRE-PROOF SHINGLE ROOF. THE SHINGLES SHALL MATCH THE OLD SHINGLES IN SIZE AND COLOR.

NOTE: THE MILLWORK CONTRACTOR MUST
 CHECK ALL MEASUREMENTS AND DETAILS
 BEFORE COMMENCING WORK ON MATERIAL,
 AND SHALL BE RESPONSIBLE FOR SAME.

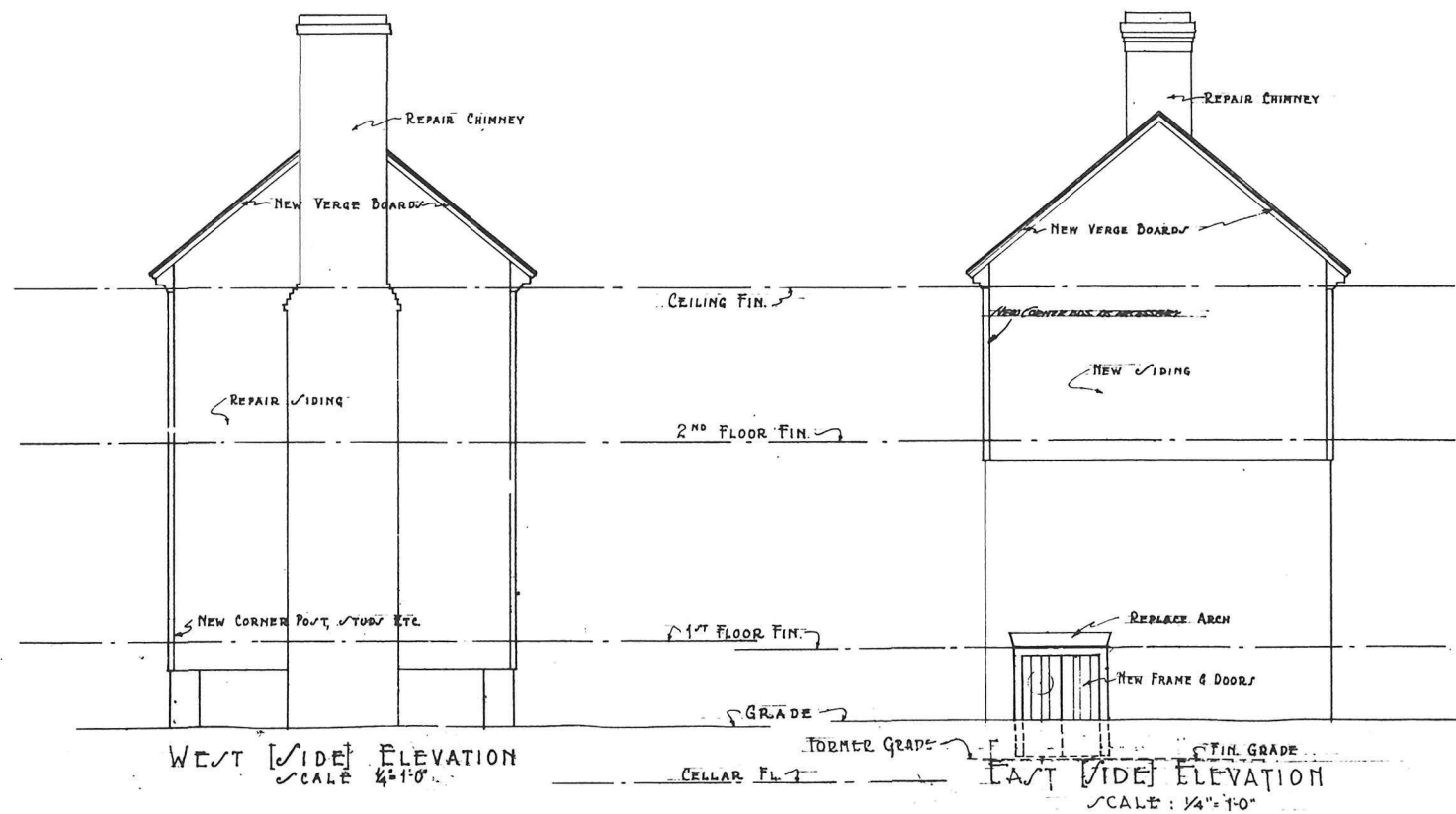
M

Dr. by A.A.D.	Recommended <i>Arthur H. Brown</i>	Date 8/16/35	U.S. DEPARTMENT OF THE INTERIOR	Date
Tr. by A.A.D.	Cleared for <i>John E. Taylor</i>	Date 8/17/35	NATIONAL PARK SERVICE	AUG. 8, 1935
EA by <i>John E. Taylor</i>	Approved <i>John E. Taylor</i>	Date 8/18/35	RICHMOND BATTLEFIELD PARK	Sheet 1
Revised	Concurred <i>John E. Taylor</i>	Date 8/18/35	THE GATHWRIGHT HOUSE	of 4 Sheets
	Approved <i>John E. Taylor</i>	Date 8/18/35	DRAWN FOR EASTERN DIVISION, BRANCH OF PLANS & DESIGN	Dwg. No.
				RICH. 1000



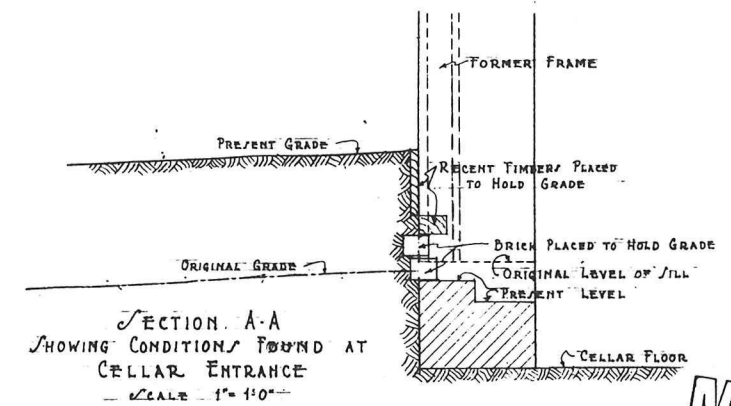
NORTH [FRONT] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$

SOUTH [REAR] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$



WEST [SIDE] ELEVATION
SCALE $\frac{1}{4}" = 1'-0"$

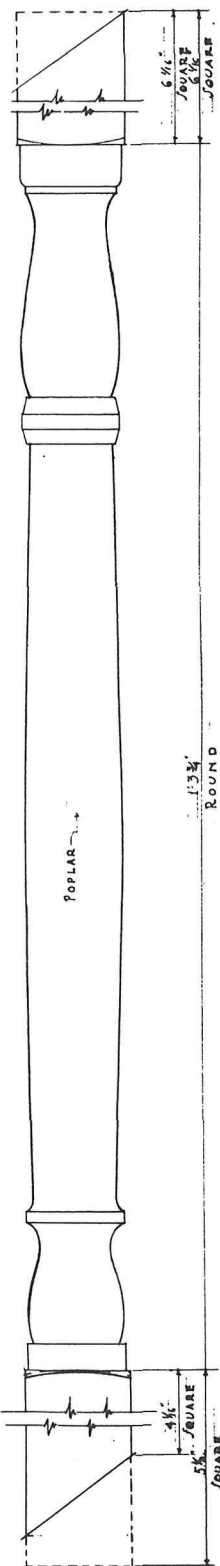
EAST [SIDE] ELEVATION
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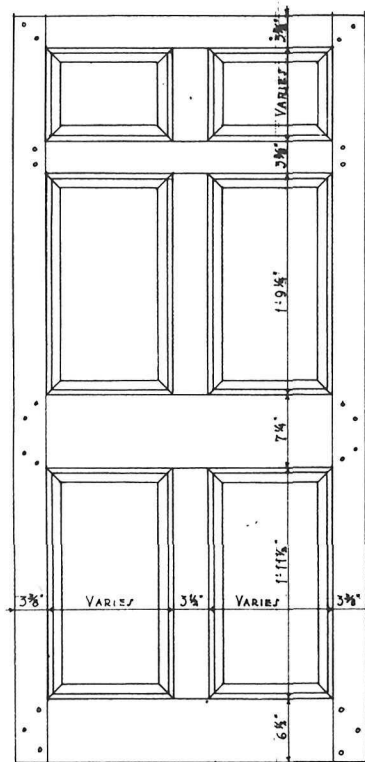
SECTION A-A
SHOWING CONDITIONS FOUND AT
CELLAR ENTRANCE
SCALE 1" = 1'-0"

NOTE: THE MILLWORK CONTRACTOR
MUST CHECK ALL MEASUREMENTS
AND DETAILS BEFORE COMMENCING
WORK ON MATERIAL, AND SHALL
BE RESPONSIBLE FOR SAME.

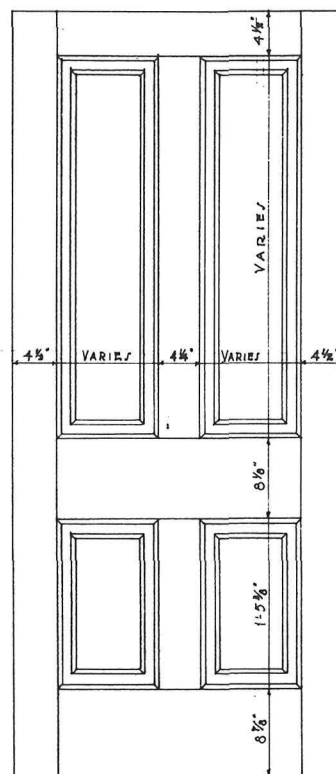
Drawn by A.A.D. Tr. by A.A.D. Checked by J.P.D. Revised	U.S. DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE RICHMOND BATTLEFIELD PARK THE GATHWRIGHT HOUSE DRAWN FOR EASTERN DIVISION, BRANCH OF PLANS & DESIGN	Date Aug. 6, 1935 Sheet 2 of 4 Sheets Dwg. No. Rich. 1075
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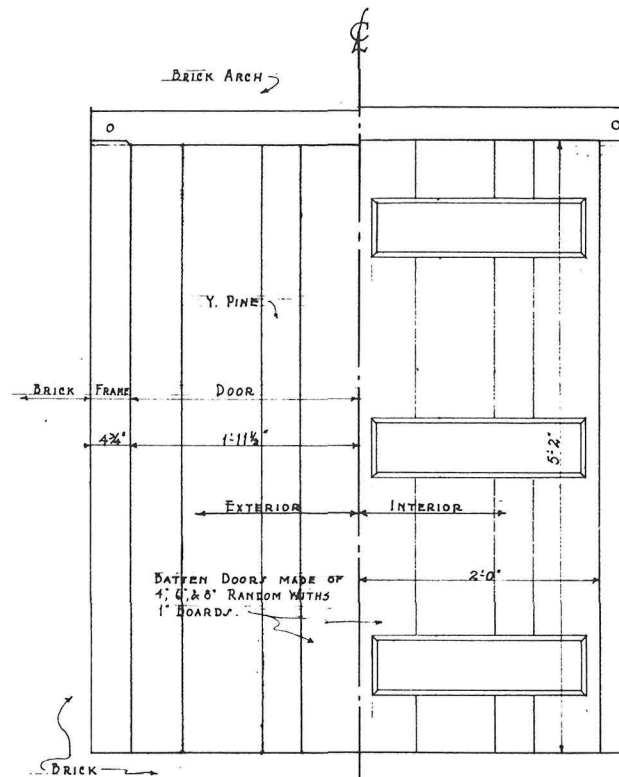
F.S. ELEVATION
BALUSTER
BALUSTER ON KARE SHOWN
BALUSTER ON HORIZONTAL RUN DOTTED



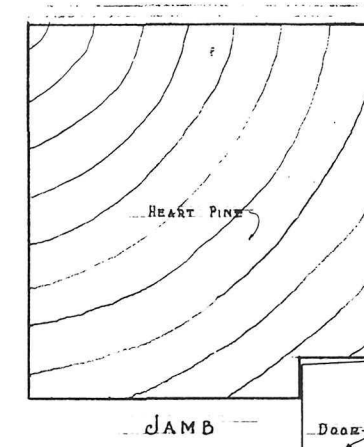
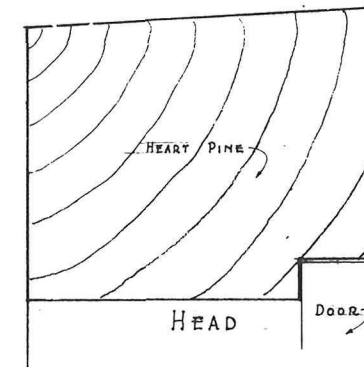
ELEVATION
NEW REAR DOOR
(OLD PART)
SCALE 1 1/2\"/>



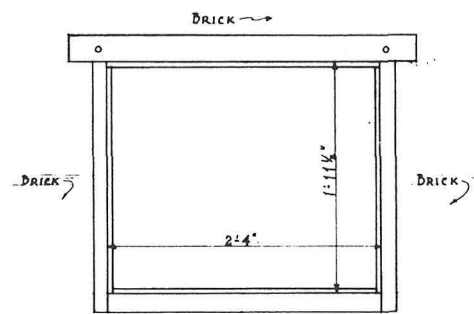
ELEVATION
NEW DOOR
(ADDITION)
SCALE 1 1/2\"/>



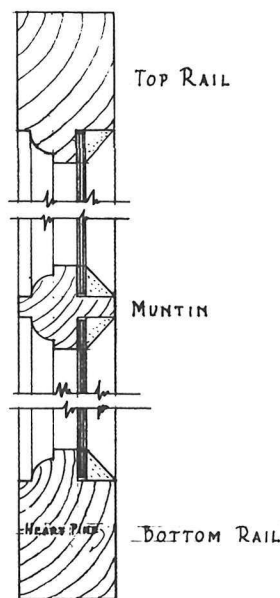
ELEVATION
CELLAR ENTRANCE DOOR
SCALE 1 1/2\"/>



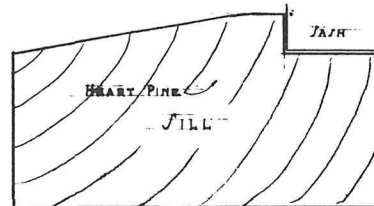
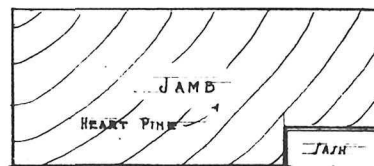
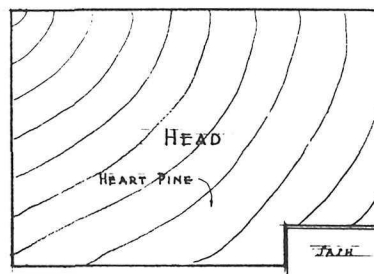
F.S. SECTION
CELLAR DOOR FRAME



INTERIOR ELEVATION
CELLAR WINDOW FRAME
SCALE 1 1/2\"/>

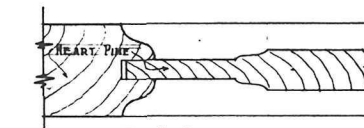


F.S. SECTION
CELLAR WINDOW SASH
NOTE: STYLE SAME AS BOTTOM RAIL

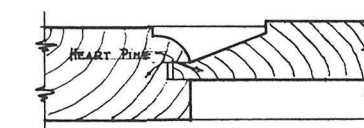


F.S. SECTION
CELLAR WINDOW FRAME

NOTE: THE MILLWORK CONTRACTOR MUST
CHECK ALL MEASUREMENTS AND DETAILS
BEFORE COMMENCING WORK ON MATERIAL
AND SHALL BE RESPONSIBLE FOR SAME.

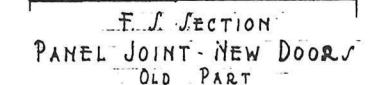
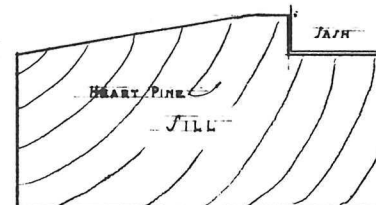
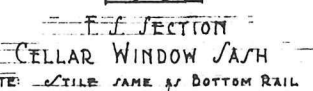
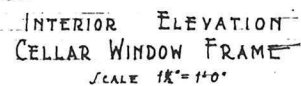
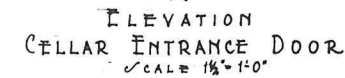
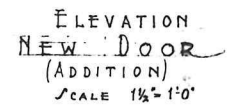
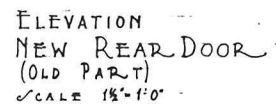


F.S. SECTION
PANEL JOINT - NEW DOORS
ADDITION

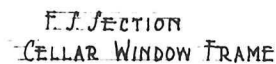


F.S. SECTION
PANEL JOINT - NEW DOORS
OLD PART

Des. by AAD. Arch. by AAD. Checked by [Signature] Revised	U.S. DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE RICHMOND DATTLEFIELD PARK THE GATHWRIGHT HOUSE DRAWN FOR EASTERN DIVISION, BRANCH OF PLANS & DESIGN	Date AUG 8, 1935 Sheet B of 4 Sheets Drawn by RICK: MRS
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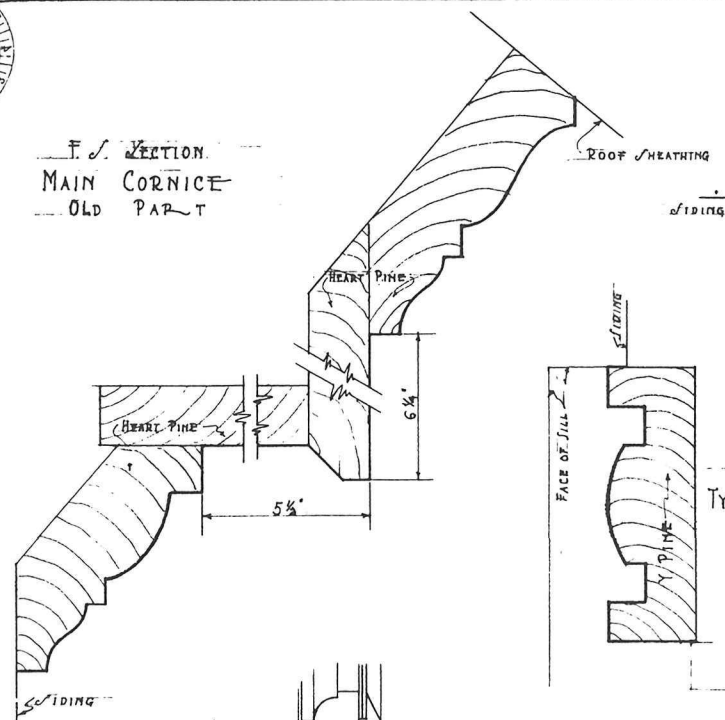


NOTE: THE MILLWORK CONTRACTOR MUST CHECK ALL MEASUREMENTS AND DETAILS BEFORE COMMENCING WORK ON MATERIAL AND SHALL BE RESPONSIBLE FOR SAME.

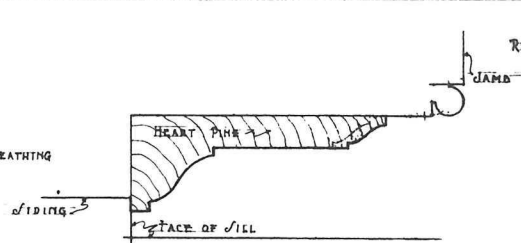


Dr by AAD Dr by AAD Dr by <u>AAD</u> Revised	U.S. DEPARTMENT OF THE <u>INTERIOR</u> NATIONAL PARK SERVICE RICHMOND DATTLEFIELD PARK THE GATHWRIGHT HOVSE DRAWN FOR EASTERN DIVISION, BRANCH OF PLANS & DESIGN	Date AUG 9, 1935 Sheet 5 of 4 sheets Draw. No. RICK: 1000
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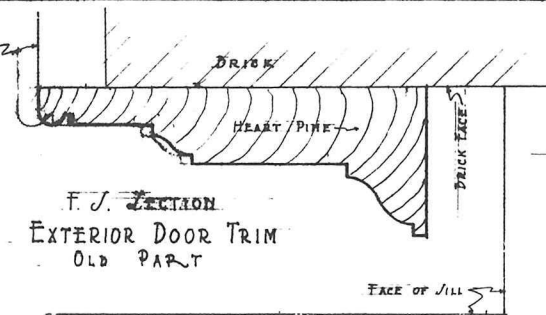
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MAIN CORNICE
OLD PART



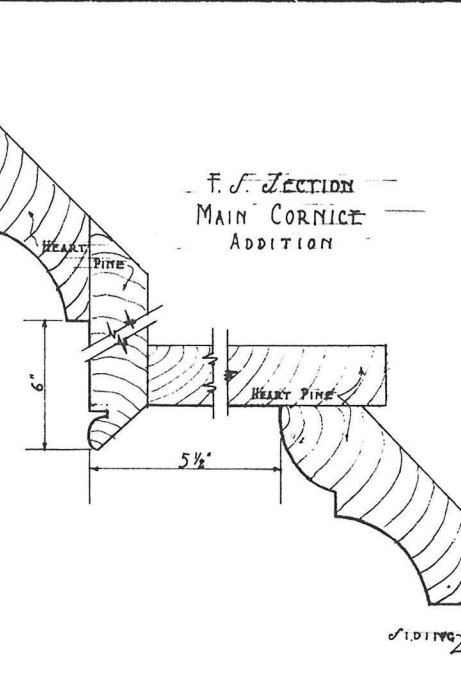
F. S. SECTION
EXTERIOR TRIM - 2ND STOREY WINDOW
OLD PART



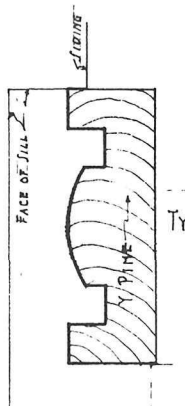
F. S. SECTION
EXTERIOR DOOR TRIM
OLD PART



F. S. SECTION
MAIN CORNICE
ADDITION



F. S. SECTION
TYPICAL EXT. TRIM
ADDITION



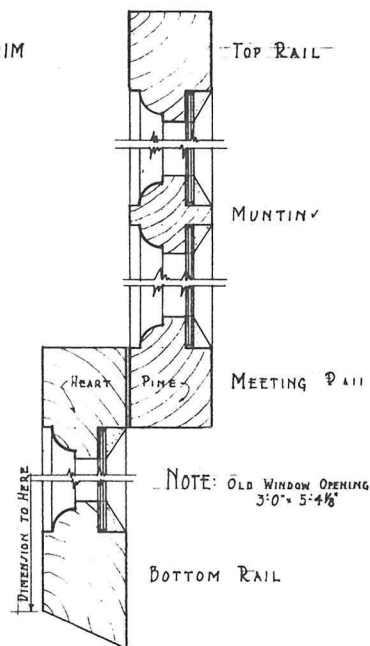
TOP RAIL

MUNTIN

MEETING RAIL

NOTE: OLD WINDOW OPENING
3'0\"/>

BOTTOM RAIL



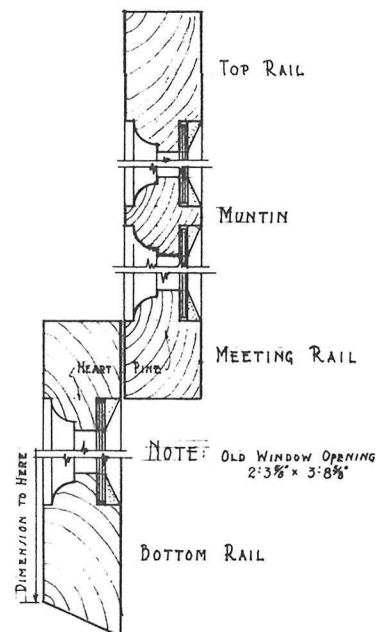
TOP RAIL

MUNTIN

MEETING RAIL

NOTE: OLD WINDOW OPENING
2'3 3/8\"/>

BOTTOM RAIL



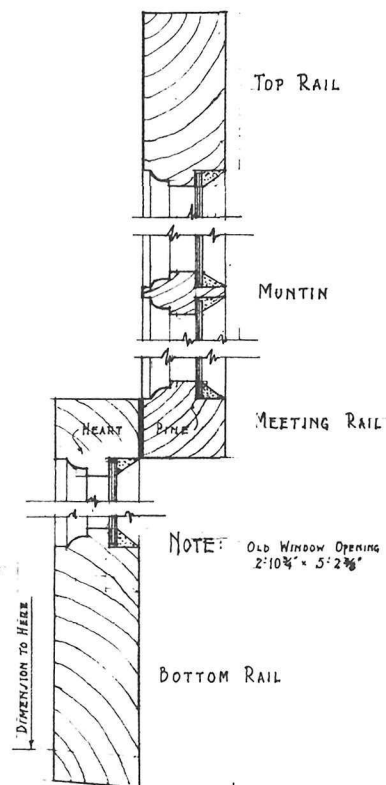
TOP RAIL

MUNTIN

MEETING RAIL

NOTE: OLD WINDOW OPENING
2'10 1/4\"/>

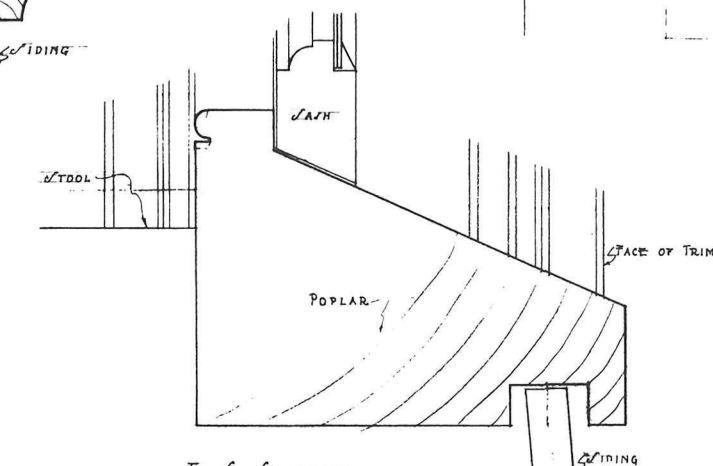
BOTTOM RAIL



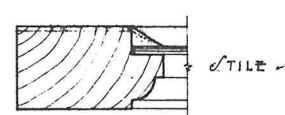
F. S. SECTION
INTERIOR DOOR TRIM
OLD PART



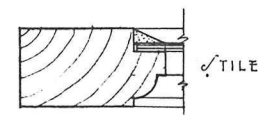
F. S. SECTION
SECOND STOREY WINDOW SILL
OLD PART



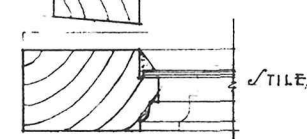
F. S. SECTION
FIRST STOREY WINDOW SASH
OLD PART



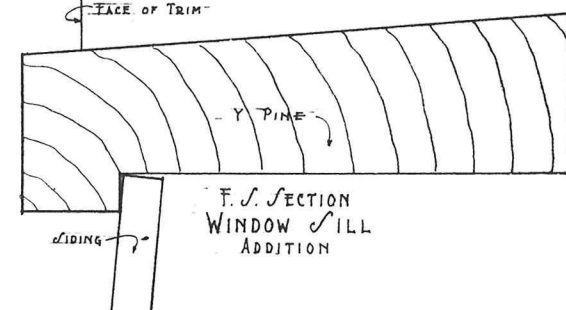
F. S. SECTION
SECOND STOREY WINDOW SASH
OLD PART



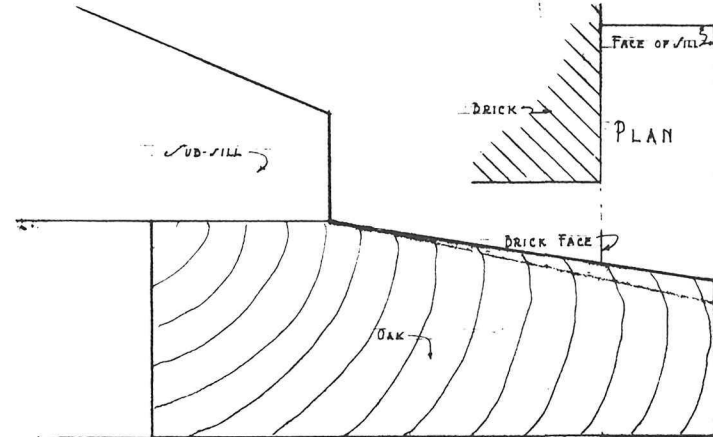
F. S. SECTION
TYPICAL WINDOW SASH
ADDITION



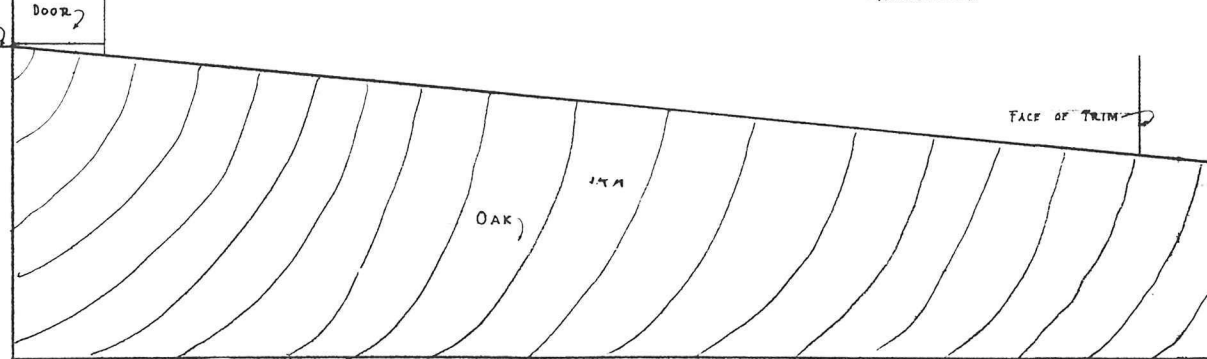
F. S. SECTION
WINDOW SILL
ADDITION



F. S. SECTION
FIRST STOREY WINDOW SILL
OLD PART

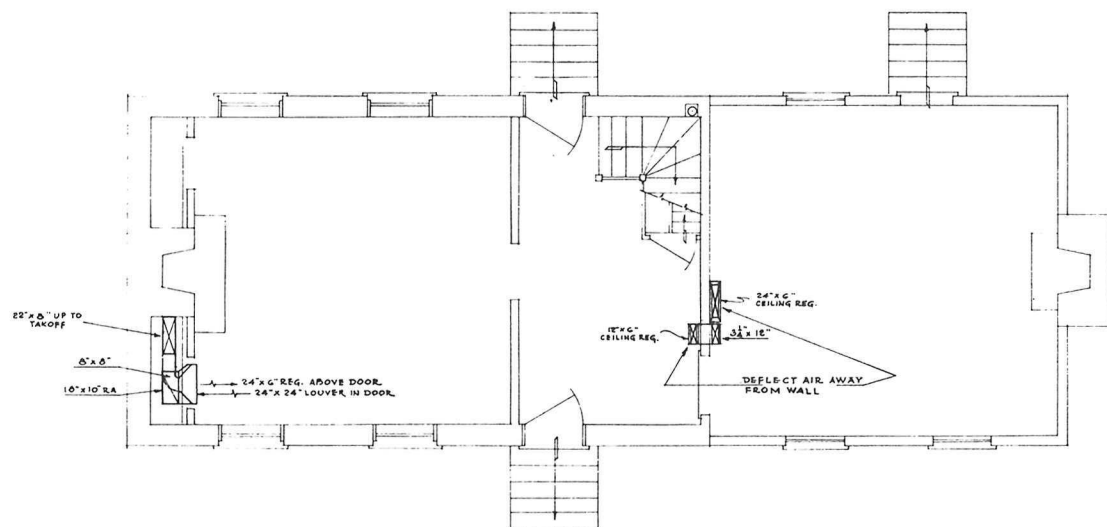


F. S. SECTION
DOOR SILL
OLD PART

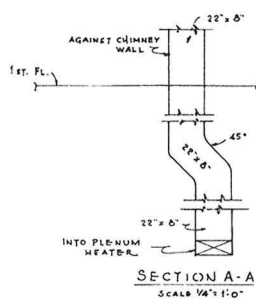


NOTE: THE MILLWORK CONTRACTOR MUST CHECK ALL MEASUREMENTS AND DETAILS BEFORE COMMENCING WORK ON MATERIAL, AND SHALL BE RESPONSIBLE FOR SAME.

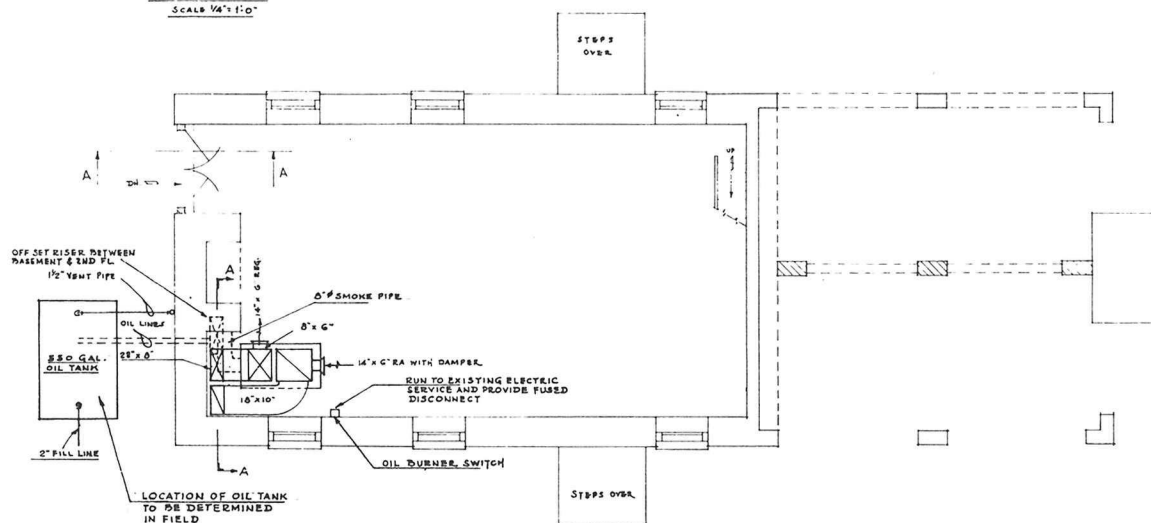
Drawn by AAD	U.S. DEPARTMENT OF THE INTERIOR	Date
Checked by AAD	NATIONAL PARK SERVICE	AUG 8, 1935
Revised	RICHMOND BATTLEFIELD PARK	Sheet 4
	THE GATHWRIGHT HOUSE	Dwg. No.
	BRANCH EASTERN DIVISION, BRANCH OF PLANS & DESIGN	RICH 1083



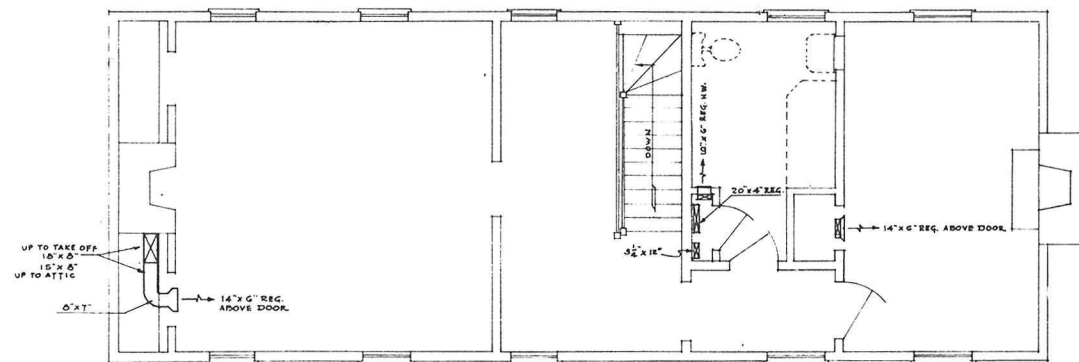
FIRST FLOOR PLAN
SCALE 1/4" = 1'-0"



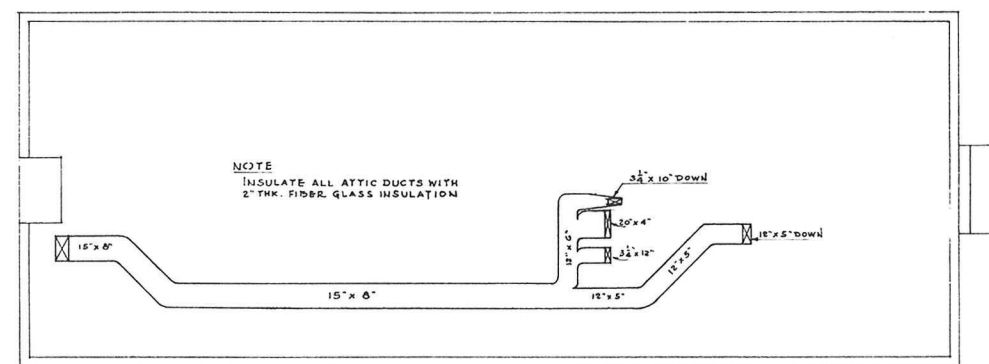
SECTION A-A
SCALE 1/4" = 1'-0"



BASEMENT PLAN
SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN
SCALE 1/4" = 1'-0"



ATTIC PLAN
SCALE 1/4" = 1'-0"

NOTE
INSULATE ALL ATTIC DUCTS WITH
2" THK. FIBER GLASS INSULATION

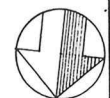
WORKING DRAWING
HEATING

SCALE AS SHOWN

This drawing has been prepared in compliance with Preliminary Drawing No. NBP-21C/3103-A, approved by
H. REESE SMITH REG. DIR.
Name Title
on 10-31-61 Date
Robert H. Hall 11-15-61 Date
Chief, BDDC

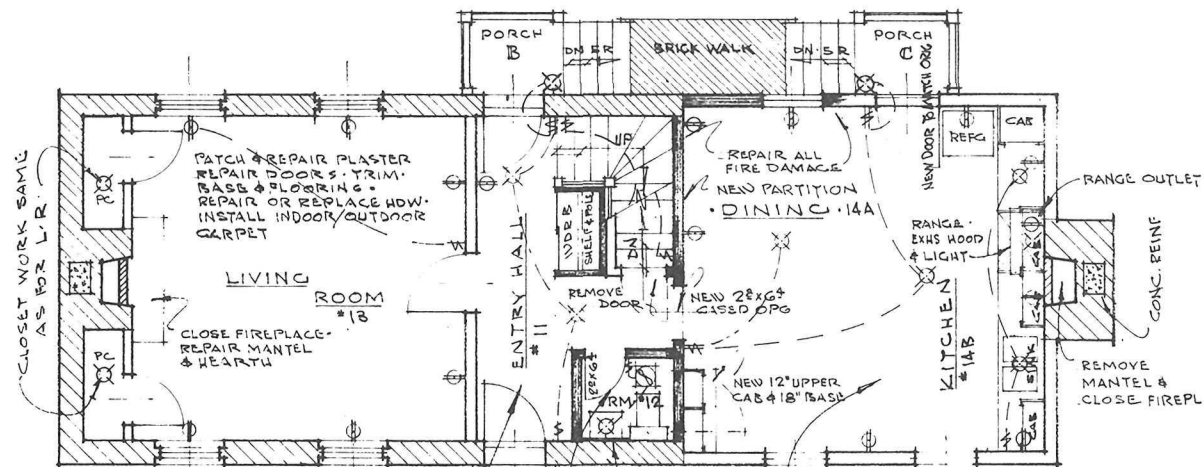
RECOMMENDED
DATE
APPROVED

MARK	DESCRIPTION OF REVISION	DATE	INITIAL
	UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE DIVISION OF DESIGN AND CONSTRUCTION PREPARED BY EASTERN OFFICE		REGION ONE
	THE GARTHRIGHT HOUSE TITLE OF DRAWING COLD HARBOR LOCATION WITHIN PARK RICHMOND BATTLEFIELD PARK NAME OF PARK		PCP NO. D-13 SHEET 1 OF 1 DRAWING NO. NBP-21C- 3103-A DATE OCT. 20, 1961

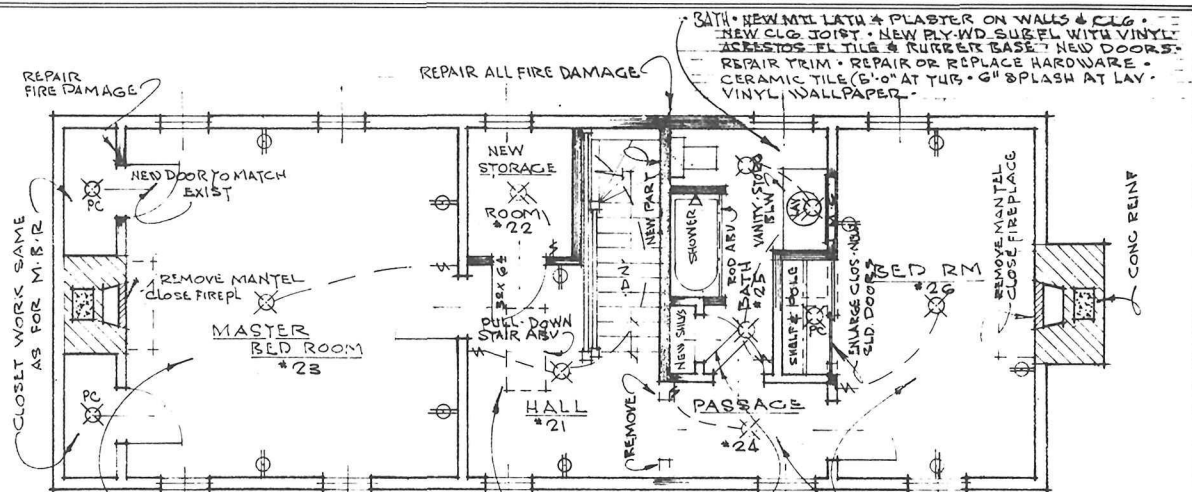


ORIENTATION

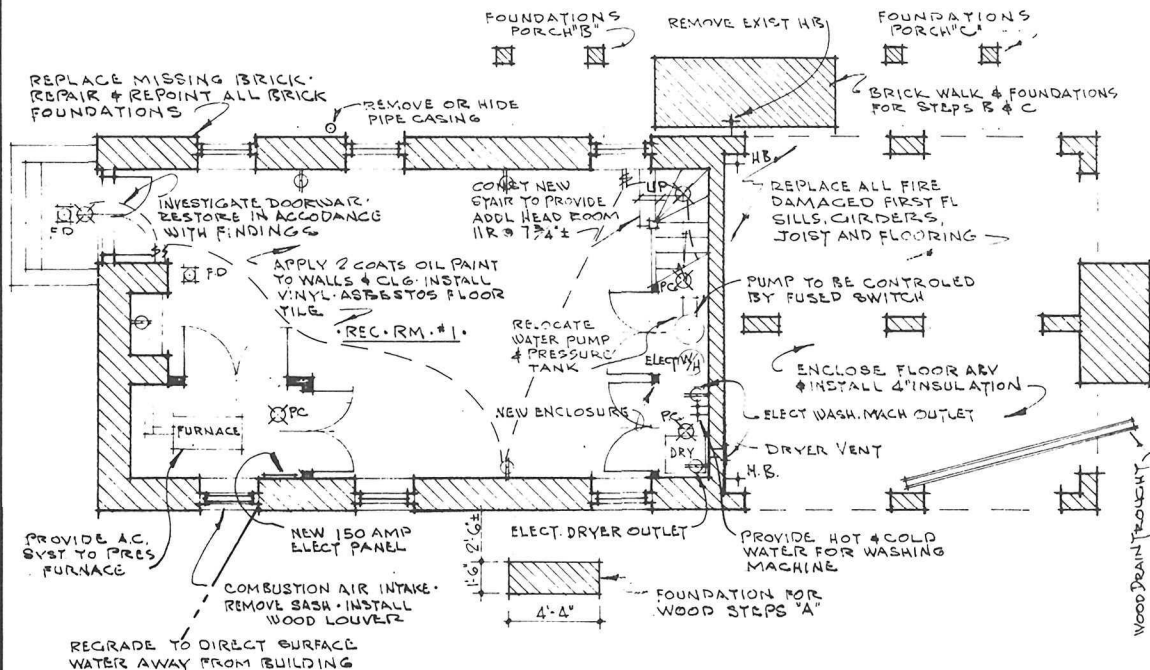
PREPARED
SHULPOFF
DESIGNED
JUMP
DRAWN
SHULPOFF
CHECKED



FIRST FLOOR



SECOND FLOOR



BASEMENT

PLUMBING SPECIFICATION

- SCOPE**
Furnish and install hot and cold water piping, sanitary waste, vents, drain lines, faucets, hose bibbs and fixtures. Relocate water heater, water pump and pressure tank. Make necessary corrections to existing water and sewerage systems.
- CODES**
All work and materials shall conform with local, county and state codes.
- TEST**
a. Soil lines - Water filled to 10 feet above highest horizontal line and maintain level for one hour.
b. Water lines - 100 lbs p.s.i. hydrostatically.
c. Test to be observed by Project Supervisor.
- MATERIALS**
a. Supply piping - Type "L" hard copper with wrought copper, solder-type fittings and valves.
b. Waste piping above ground - D.W.V. copper.
c. Underground sewer piping - Service weight cast iron.
d. Hose bibbs - frostproof type.
- FIXTURES**
a. Water Closet - American Standard, or equal, #2109 v/c "Cadet" with elongated bowl. Fittings to be #43-20312 closet supply with angle stop and 3/8" x 3 C.P. nipples. Seat and cover to be Stasco, or equal #794-E elongated seat and cover.
b. Tub - American Standard, or equal #2605.103 five foot tub with "Stan-Sure" Delta, or equal #632-B & S fittings. #1576.016 pop-up tub waste five foot aluminum shower curtain rod with flanges.
c. Lavatory - American Standard, or equal #3201.035 18" round E. L. lavatory with #1250 1 1/4", 17 gage C.P. "P" trap, #41-20312 lavatory supplies with angle stops and 3/8" x 3 C.P. nipples. Delta, or equal #522 pop-up lavatory waste.
d. Sink - Elkey, or equal #CR3-332 stainless steel sink with #40.022 basket strainer. Elco or equal #57-140 1 1/2" x 16 sink waste and #1260 "P" trap. Delta, or equal #400 sink faucet with spray.

ELECTRICAL SPECIFICATIONS

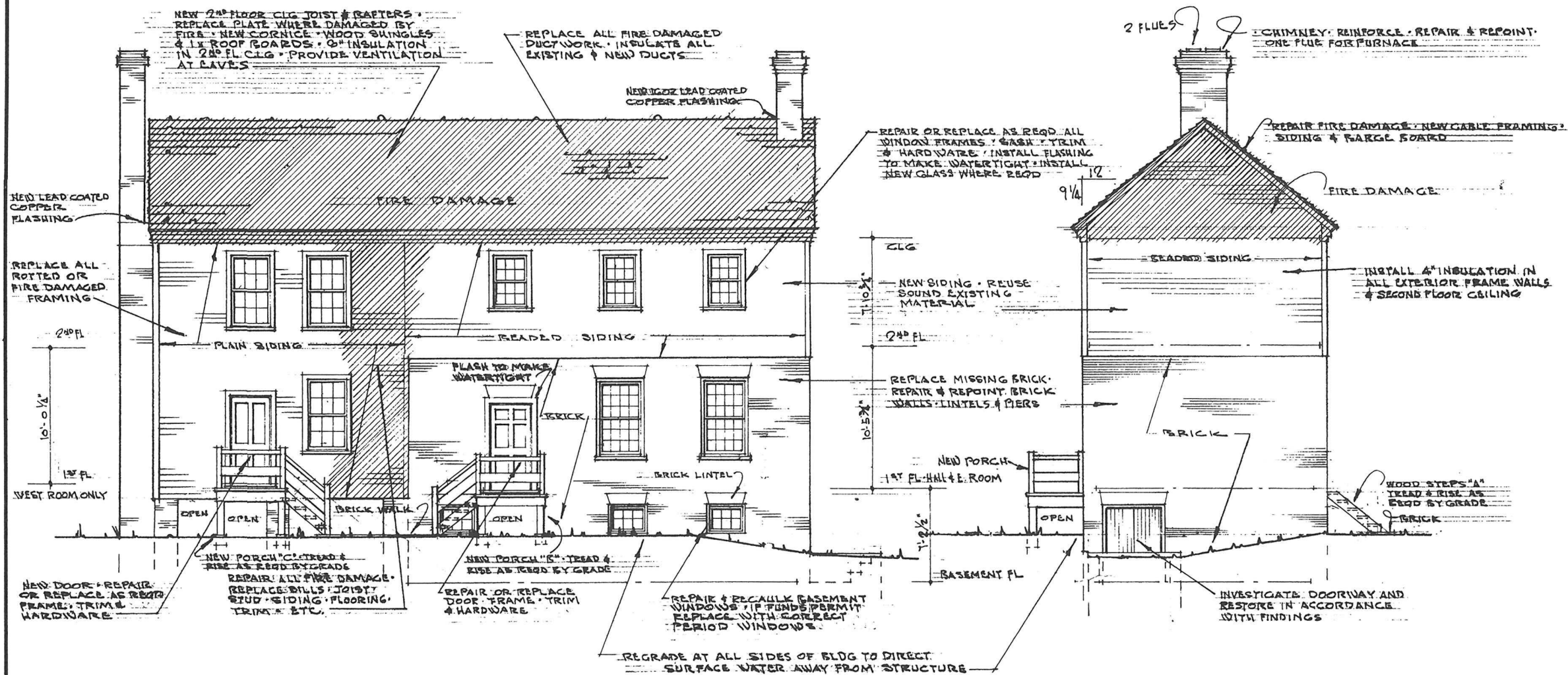
- SCOPE**
Furnish and install underground service, distribution panel, branch circuit wiring, switches, outlets, boxes, and connections for a complete electrical system. Install government furnished light fixtures.
- CODES**
Comply with all local, county, state and national codes.
- INSPECTION**
Arrange for Board of Fire Underwriters inspection, pay all fees and deliver certificates of approval to Project Supervisor before final payment is made.
- TEST**
After the electrical installation is completed, and at such time as the Project Supervisor shall direct, the contractor shall demonstrate that all equipment operates in all acceptable manner.
- MATERIALS**
Service cable - Three conductor, 3/0 copper direct burial cable, OR 250 MCM ALUMINUM CABLE.
- PANEL**
Circuit breaker type, 150 amp rating.
- INTERIOR WIRING**
Non-metallic cable with ground wire. Minimum wire size shall be No. 12 A.W.G.
- GOVERNMENT LIGHT FIXTURES**
Install government furnished light fixtures at locations indicated on the drawings.

SCALE: 1/4" = 1'-0" 12' 0" 8' 4' 6' 8' 10'

BASIC DATA: FIELD INVESTIGATIONS BY R. JONES & J. ASKINS • NOV 1970 & JAN 1971

RECOMMENDED HARRY W. JONES Chief HHA	DATE 5/3/71	WORKING DRAWINGS PLANS	PREPARED R. JONES	DRAWING NO. 367
ERNEST A. CONNALLY Chief OAHF	5/16/71	HISTORY & HISTORIC ARCHITECTURE U. S. DEPARTMENT OF THE INTERIOR	DESIGNED R. JONES	94000
W. H. HART & C. WOOD SUPERINTENDENT	5/12/71	NATIONAL PARK SERVICE EASTERN SERVICE CENTER 4228 WISCONSIN AVE. N.W. WASHINGTON, D.C. 20242	CHECKED 3/4/71	1
APPROVED GORDON P. COX Act. Regional Director	5/12/71		DATE	3

CARTHRIGHT HOUSE
RESTORATION AND MODIFICATION
RICHMOND NATL. BATTLEFIELD PARK
SOUTHEAST HANOVER VIRGINIA



• REAR (SOUTH) • ELEVATION •

• LEFT (EAST) • ELEVATION

12" 0 2' 4' 6' 8' 10'

SCALE • 1/4" = 1'-0"

PREPARED R. JONES	DESIGNED R. JONES	DRAWN	CHECKED 3-4-71	DATE
<p>• GARTHRIGHT HOUSE •</p> <p>• RESTORATION AND MODIFICATION •</p> <p>• WORKING DRAWINGS •</p> <p>• ELEVATIONS •</p>				
DRAWING NO. 367 94000				SHEET 3 3

