National Park Service
U.S. Department of the Interior

Historic Architecture Program
Northeast Region

MUSEUM BUILDING

Morristown National Historical Park
Morristown, New Jersey

Historic Structure Report
Volume II

MUSEUM BUILDING

Morristown National Historical Park

HISTORIC STRUCTURE REPORT

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Northeast Cultural Resources Center, National Park Service
U.S. Department of the Interior
Lowell, Massachusetts

2007

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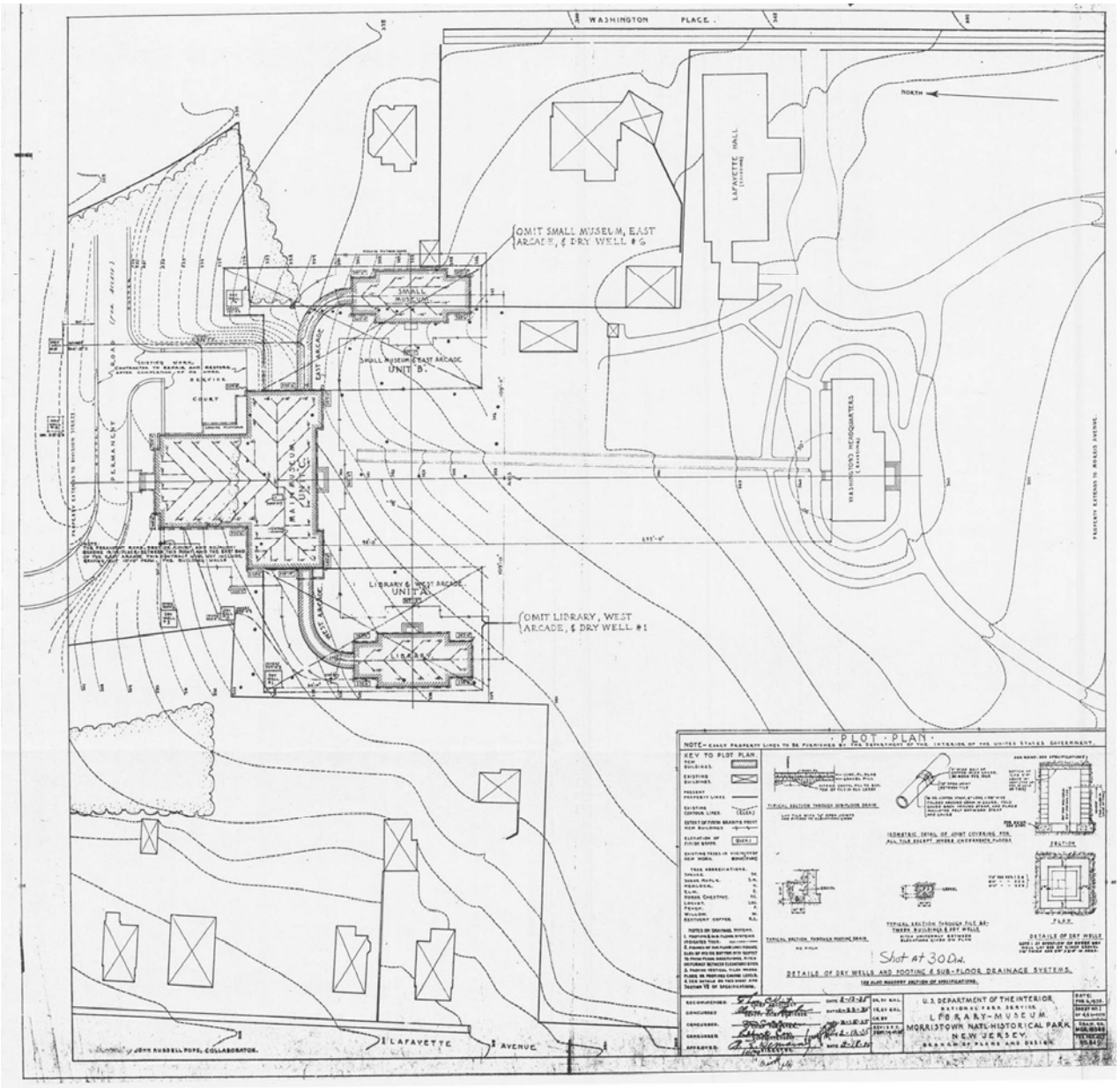
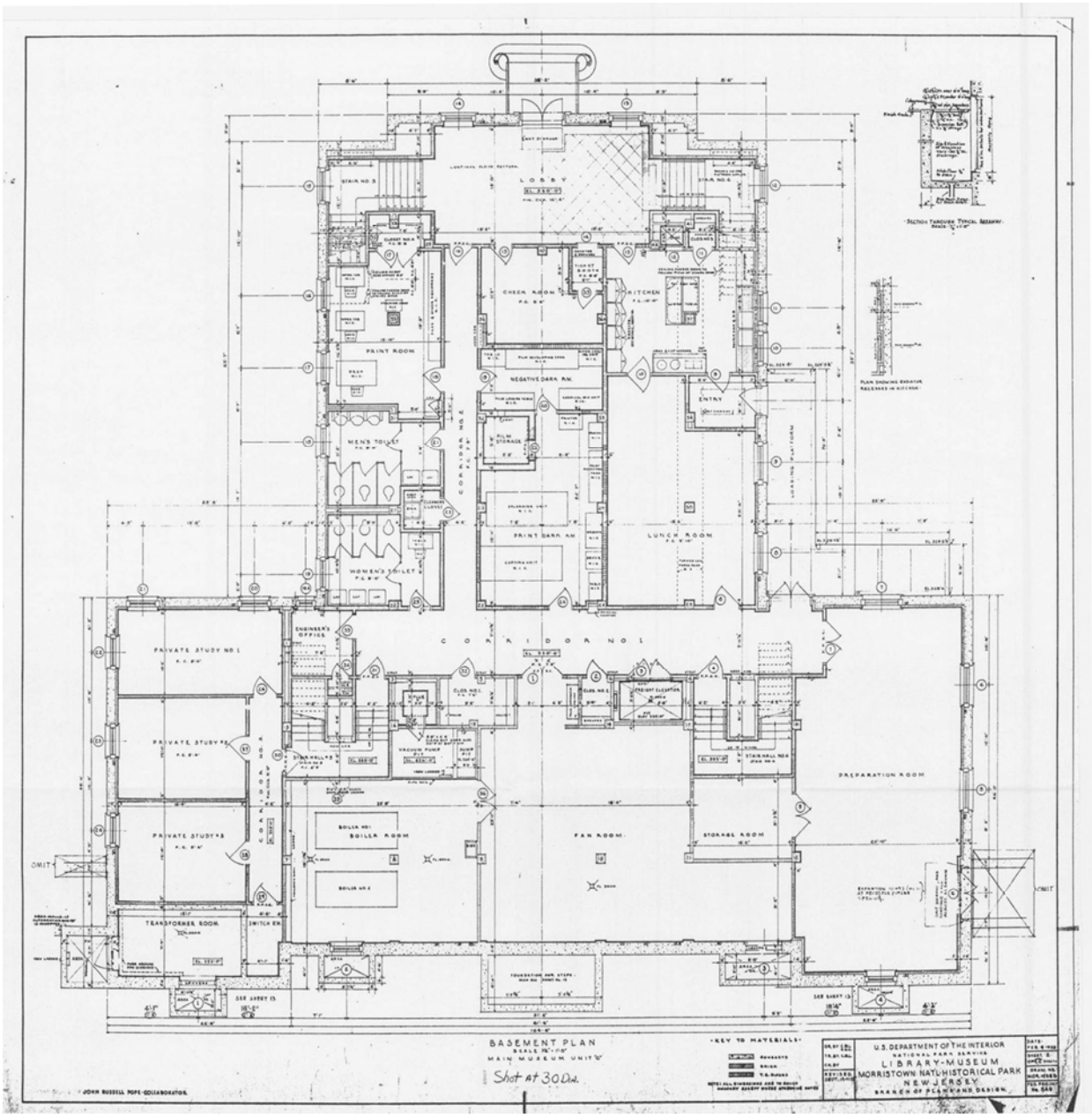
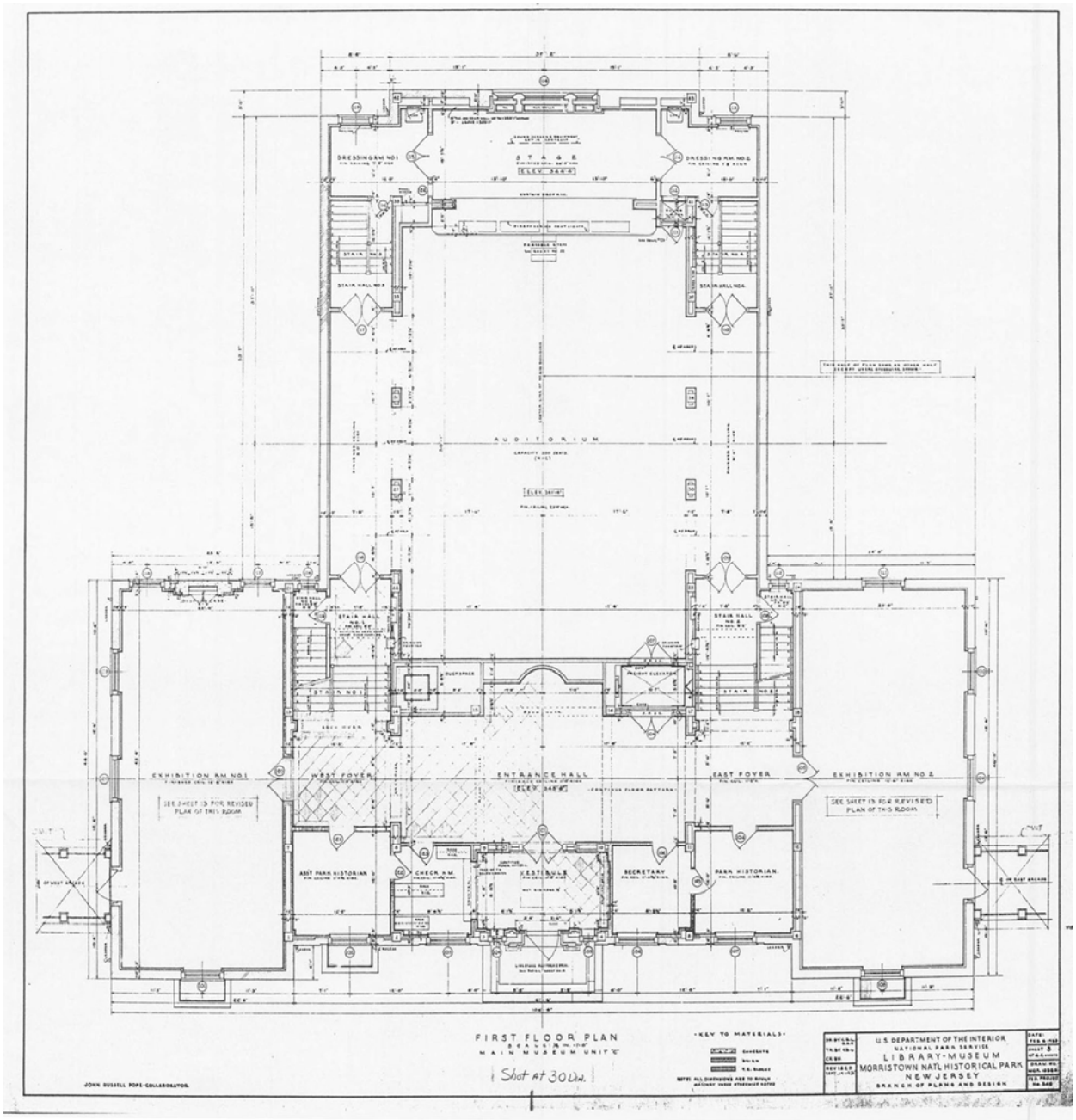
MORRISTOWN NAT'L HISTORICAL PARK
JOHN RUSSELL POPE COLLABORATORS"

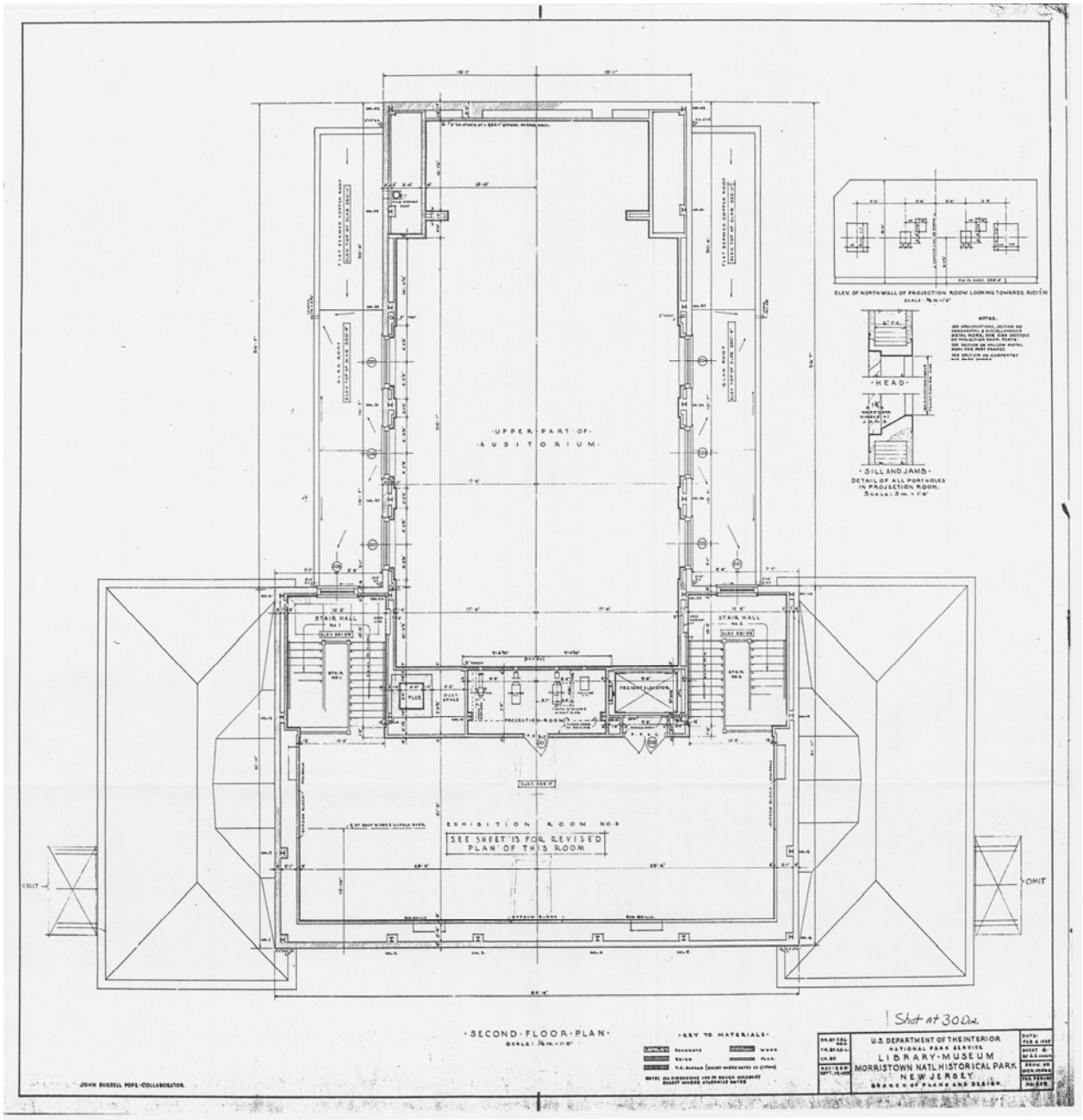
Measured Drawings, 1935

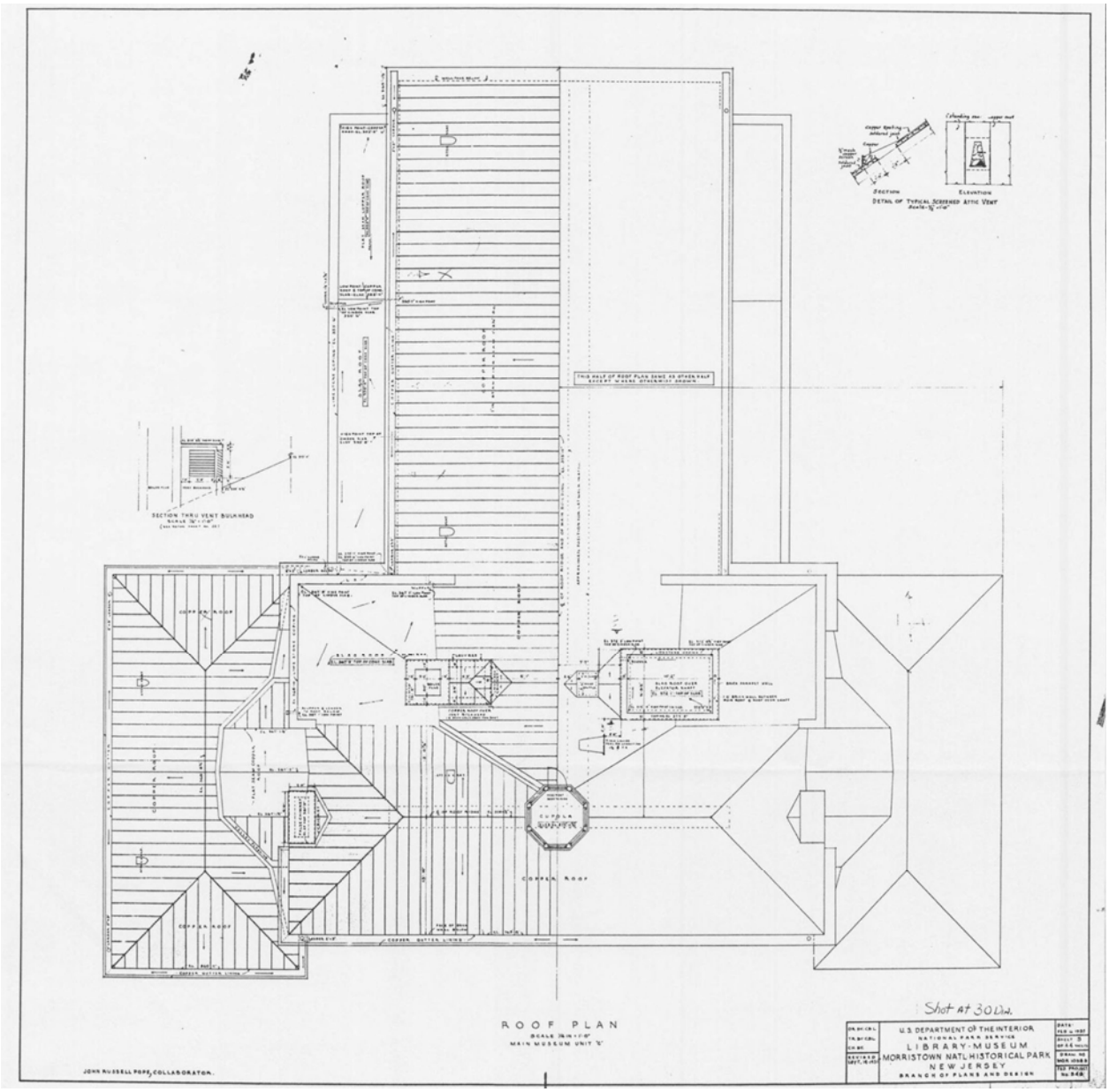
A copy of the entire set of 1935 measured drawings is reprinted on the following pages. The drawings include four pages of revisions as well as drawings of the pavilions and arcades that were never built. The drawing copies have been reduced in size to facilitate their inclusion in this report. Full- size drawings are on file at Morristown NHP.


WASHINGTON PLACE.
NORTH
LAFAYETTE HALL
(OMIT SMALL MUSEUM, EAST ARCADE, & DRY WELL #6
SMALL MUSEUM
SMALL MUSEUM & EAST ARCADE UNIT B.
EAST ARCADE
COURT
MAIN MUSEUM
LIBRARY & WEST ARCADE UNIT A.
WEST ARCADE
LIBRARY
(OMIT LIBRARY, WEST ARCADE, & DRY WELL #1
WASHINGTON HEADQUARTERS
PLOT PLAN
KEY TO PLOT PLAN
DETAILS OF DRY WELLS AND FOOTING & SUB-FLOOR DRAINAGE SYSTEMS.
Shot at 30 Dw.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
LAFAYETTE
AVENUE

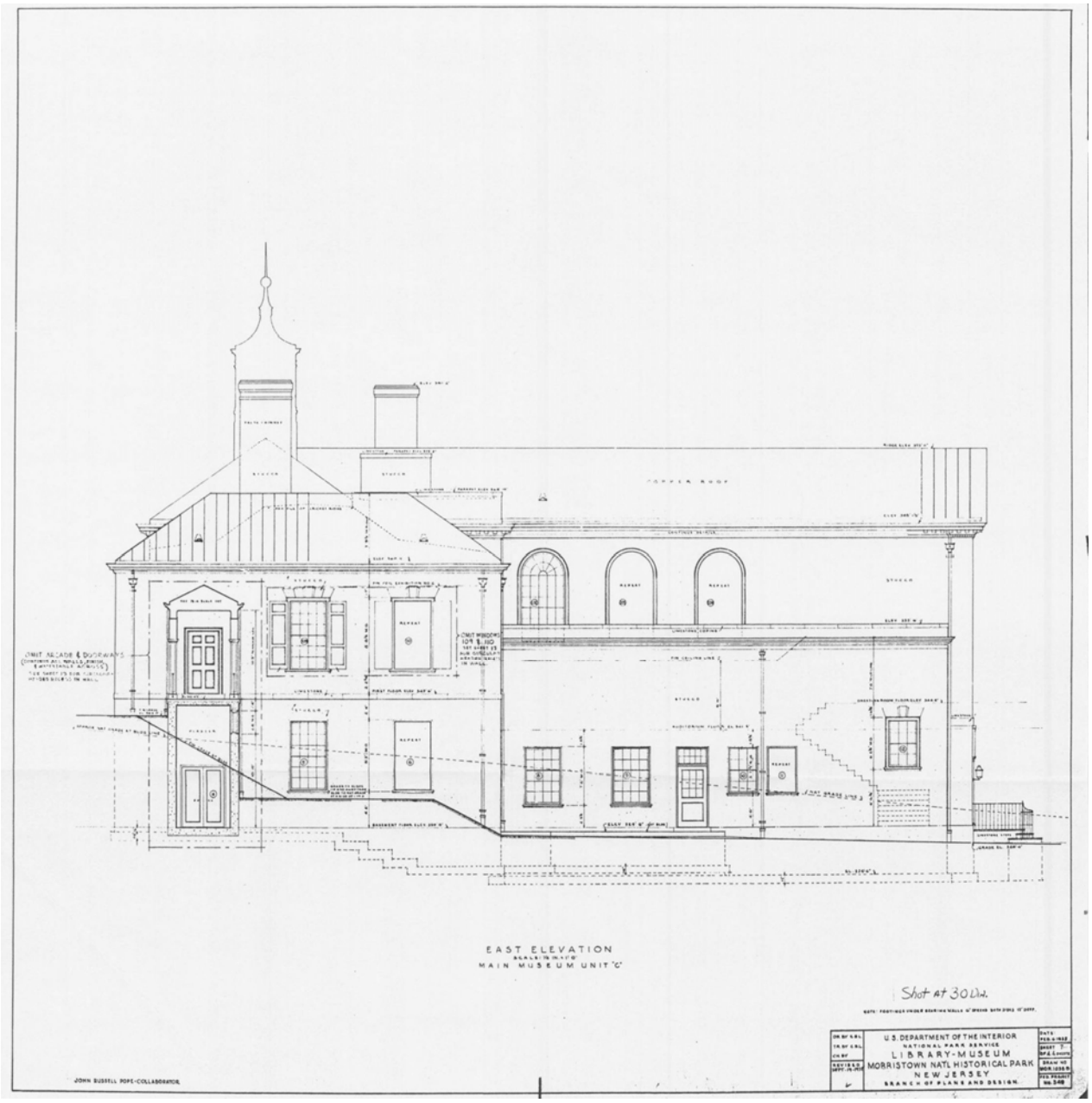

LOBBY
STAIR NO 3
STAIR NO 4
CHECK ROOM
KITCHEN
PRINT ROOM
NEGATIVE DARK RM.
ENTRY
MEN'S TOILET
WOMEN'S TOILET
CORRIDOR NO 2
PRINT DARK RM.
LUNCH ROOM
CORRIDOR NO 1
ENGINEER'S OFFICE
PRIVATE STUDY NO 1
PRIVATE STUDY NO 2
PRIVATE STUDY NO 3
CORRIDOR NO 3
STAIR HALL NO 5
VACUUM PUMP
FREIGHT ELEVATOR
STAIR HALL NO 6
PREPARATION ROOM
BOILER NO 1
BOILER ROOM
BOILER NO 2
FAN ROOM
STORAGE ROOM
TRANSFORMER ROOM
SWITCH RM
OMIT
SEE SHEET 13
BASEMENT PLAN
MAIN MUSEUM UNIT
Shot at 30 Dia.
KEY TO MATERIALS
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NAT'L HISTORICAL PARK
NEW JERSEY
JOHN RUSSELL POPE-COLLABORATOR

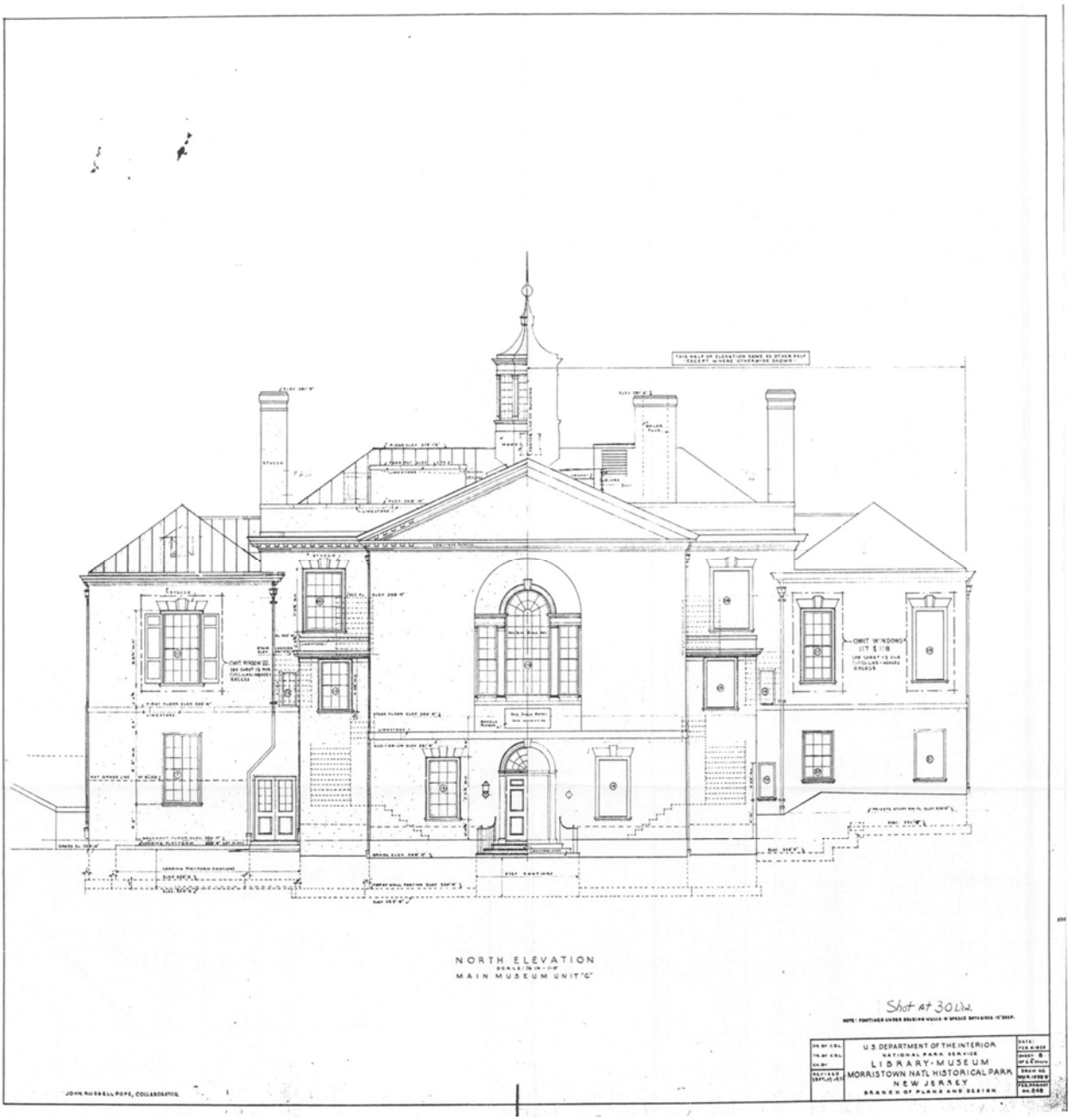

FIRST FLOOR PLAN
MAIN MUSEUM UNIT "C"
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
AUDITORIUM
ENTRANCE HALL
WEST FOYER
EAST FOYER
EXHIBITION RM. NO. 1
EXHIBITION RM. NO. 2
ASST PARK HISTORIAN
CHECK RM.
VESTIBULE
SECRETARY
PARK HISTORIAN
STAIR HALL NO. 1
STAIR HALL NO. 2
STAIR HALL NO. 3
STAIR HALL NO. 4
DRESSING RM. NO. 1
DRESSING RM. NO. 2
JOHN RUSSELL POPE-COLLABORATOR.
Shot at 30 Dia.


UPPER PART OF AUDITORIUM
STAIR HALL No. 1
STAIR HALL No. 2
PROJECTION ROOM
FREIGHT ELEVATOR
EXHIBITION ROOM No. 3
SEE SHEET 15 FOR REVISED PLAN OF THIS ROOM
OMIT
OMIT
ELEV. OF NORTH WALL OF PROJECTION ROOM LOOKING TOWARDS AUDITM.
HEAD
SILL AND JAMB
DETAIL OF ALL PORTHOLES IN PROJECTION ROOM.
SECOND FLOOR PLAN
KEY TO MATERIALS
Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE-COLLABORATOR.

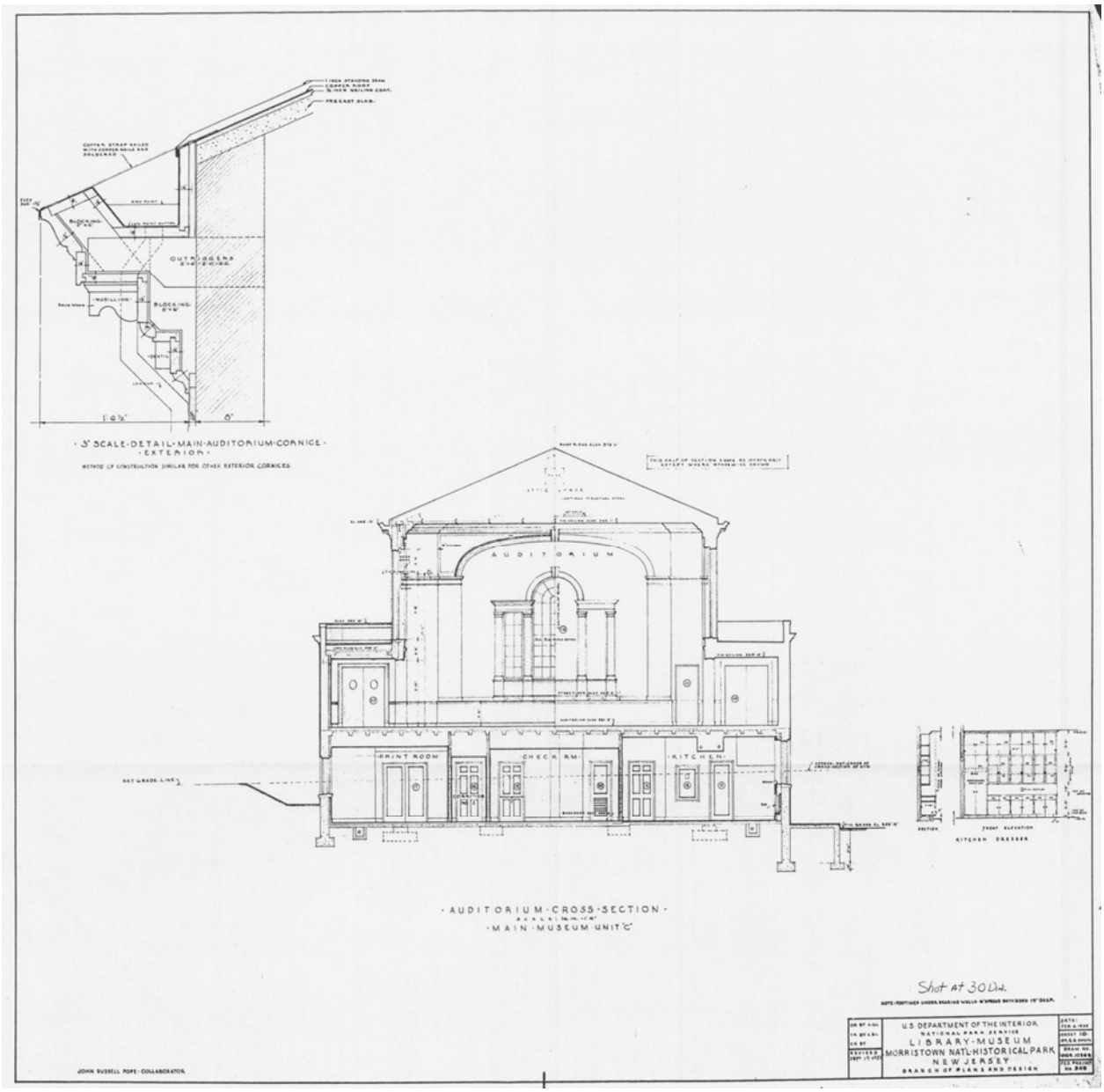

ROOF PLAN
SCALE 3/8"=1'-0"
MAIN MUSEUM UNIT "B"
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR.
Shot at 30 Dia.
SECTION THRU VENT BULKHEAD
DETAIL OF TYPICAL SCREENED ATTIC VENT
SECTION
ELEVATION
COPPER ROOF
CUPOLA
COPPER ROOF
COPPER ROOF
COPPER GUTTER LINING

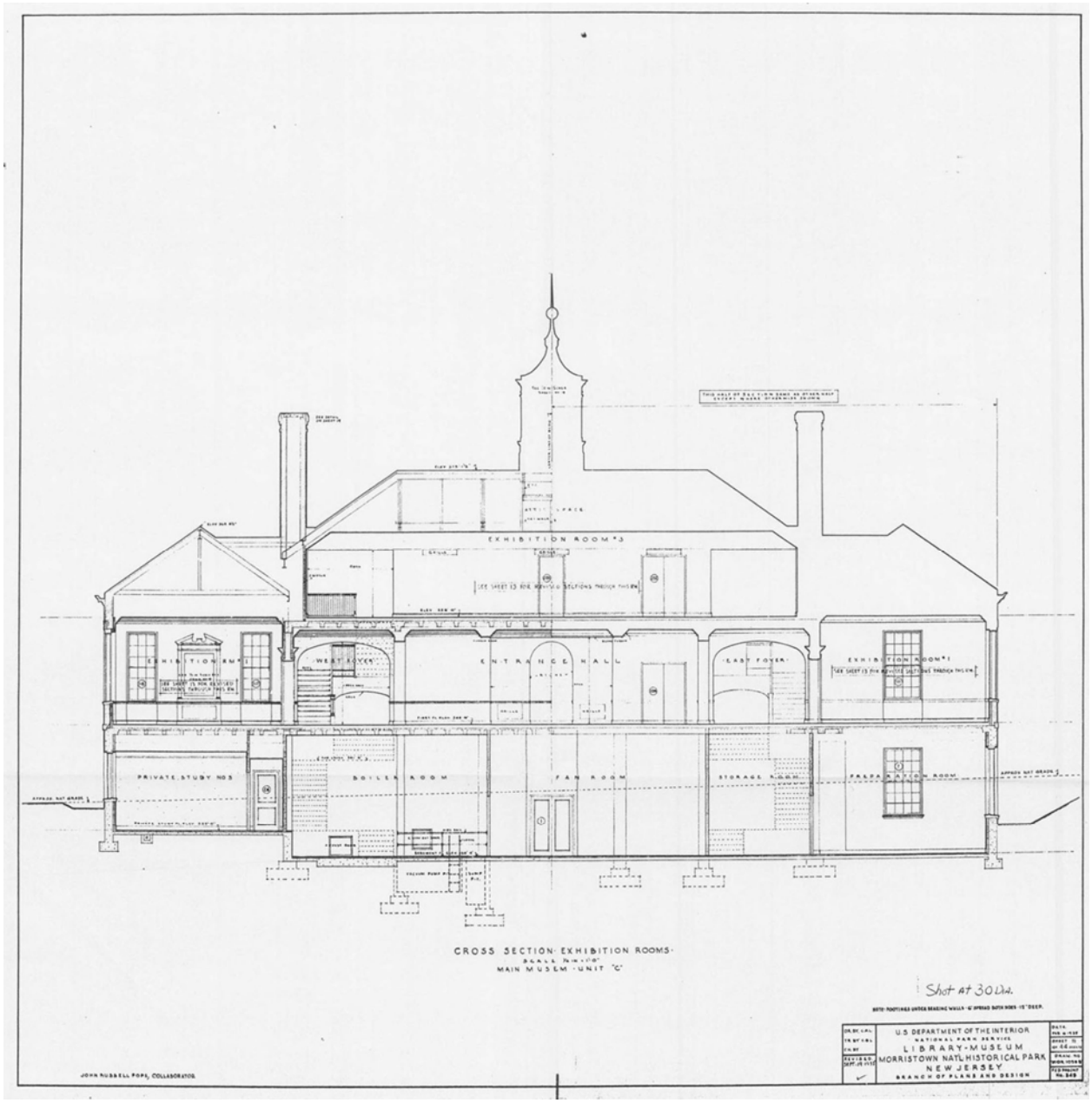

SOUTH ELEVATION
MAIN MUSEUM UNIT 'C'
Shot at 30'12
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE-COLLABORATOR

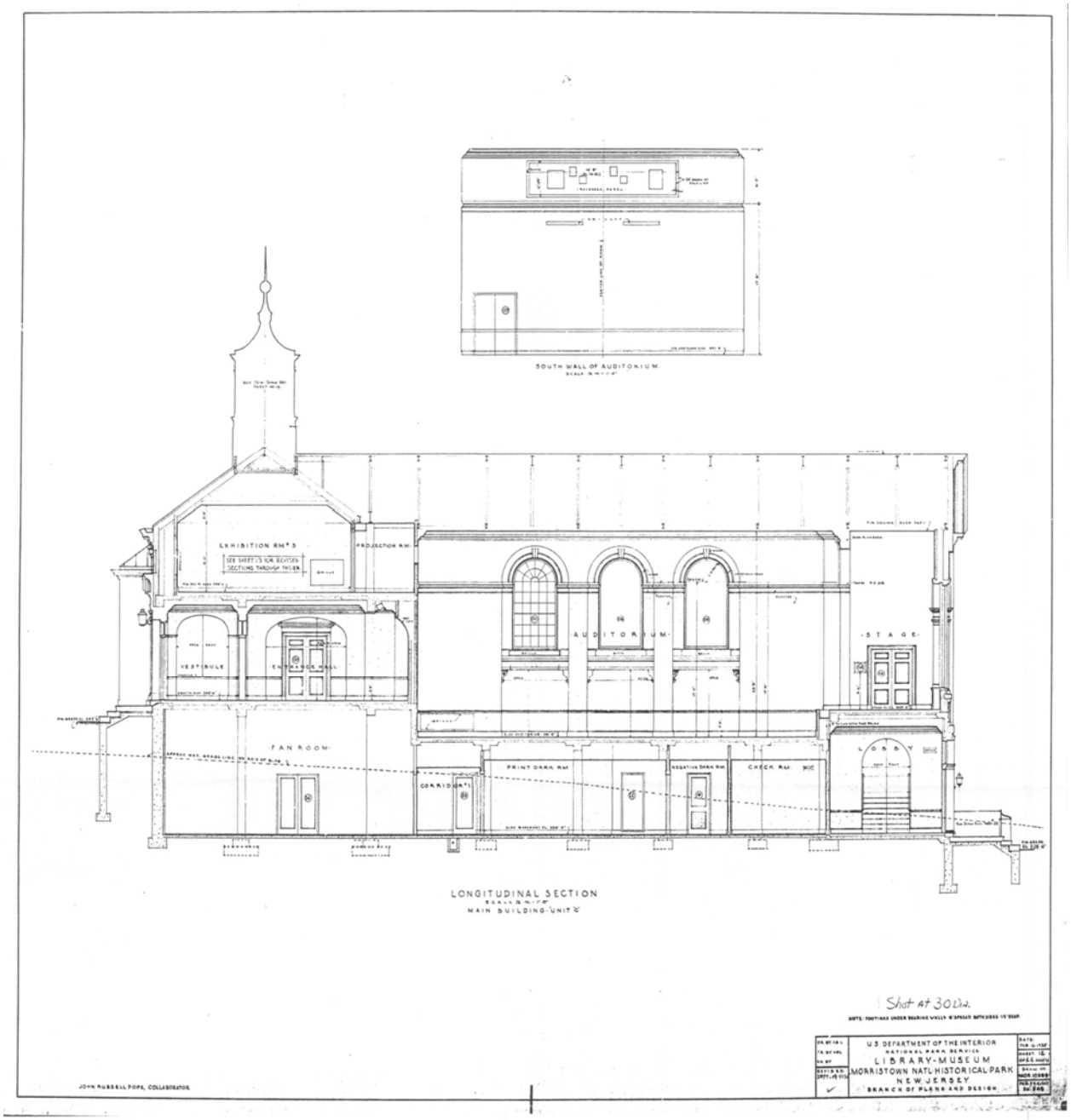

EAST ELEVATION
MAIN MUSEUM UNIT "C"
Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN.
JOHN RUSSELL POPE-COLLABORATOR.

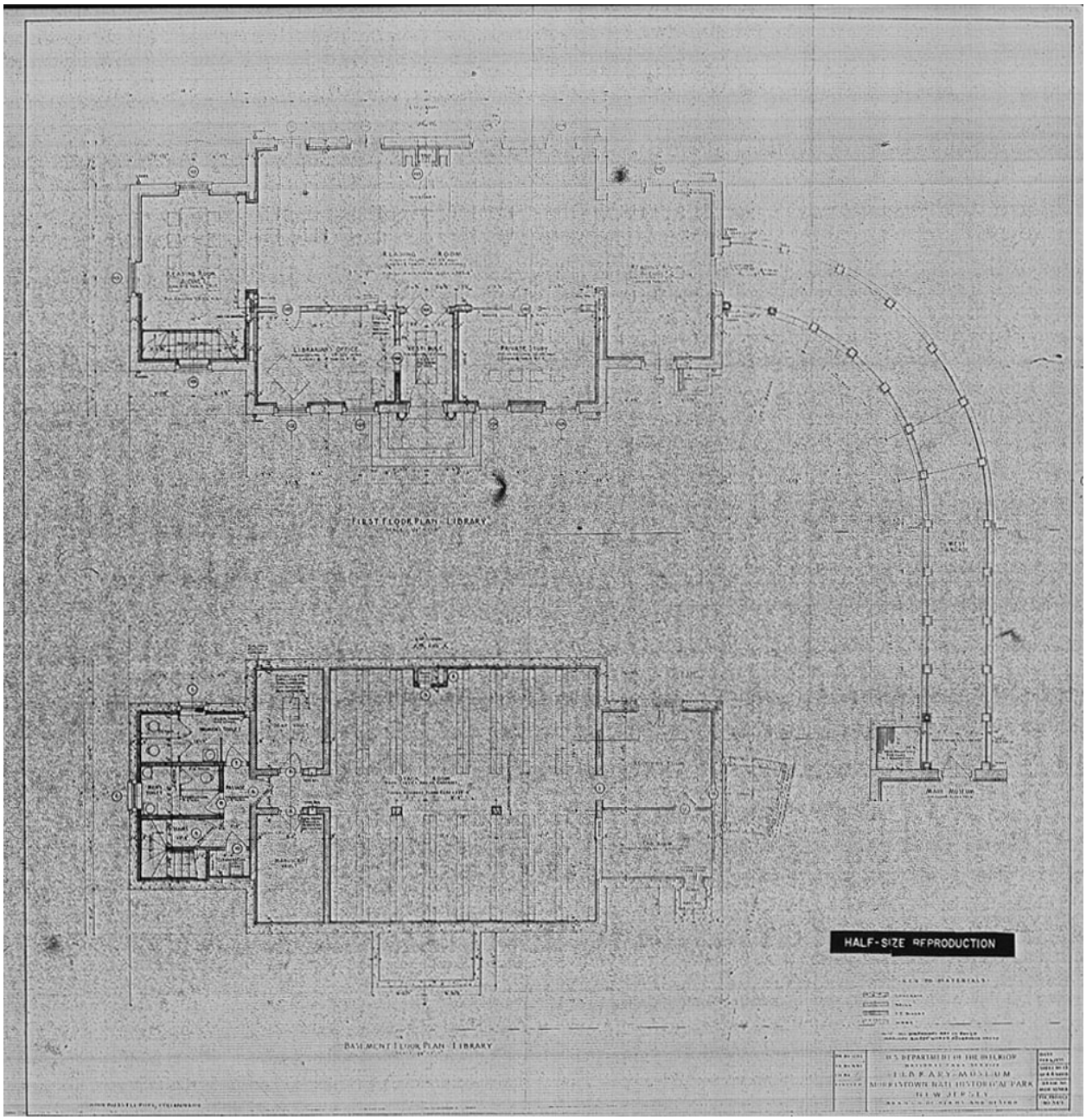

NORTH ELEVATION
MAIN MUSEUM UNIT "C"
Shot at 30 L.W.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

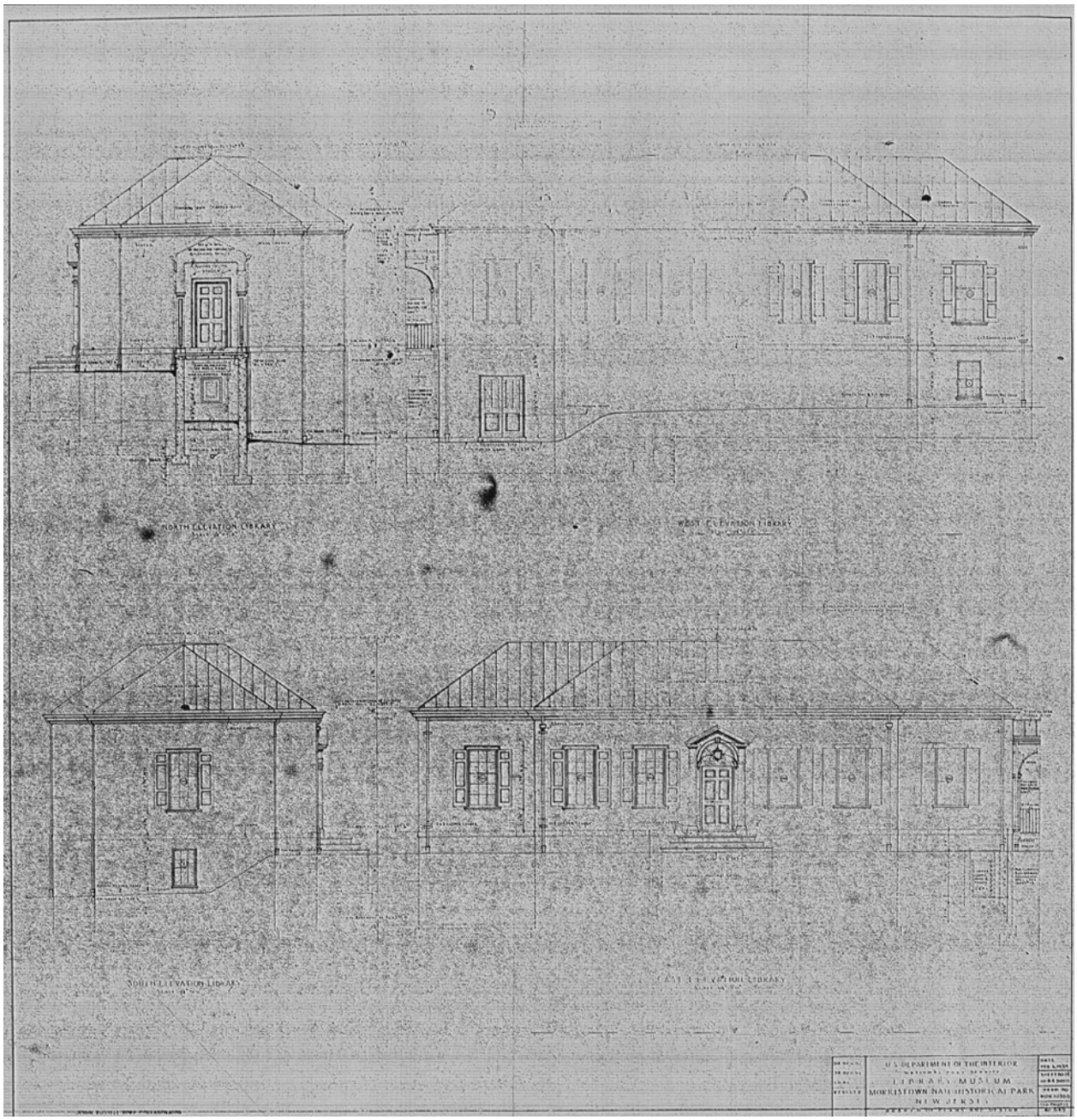

WEST ELEVATION
MAIN MUSEUM UNIT "C"
Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

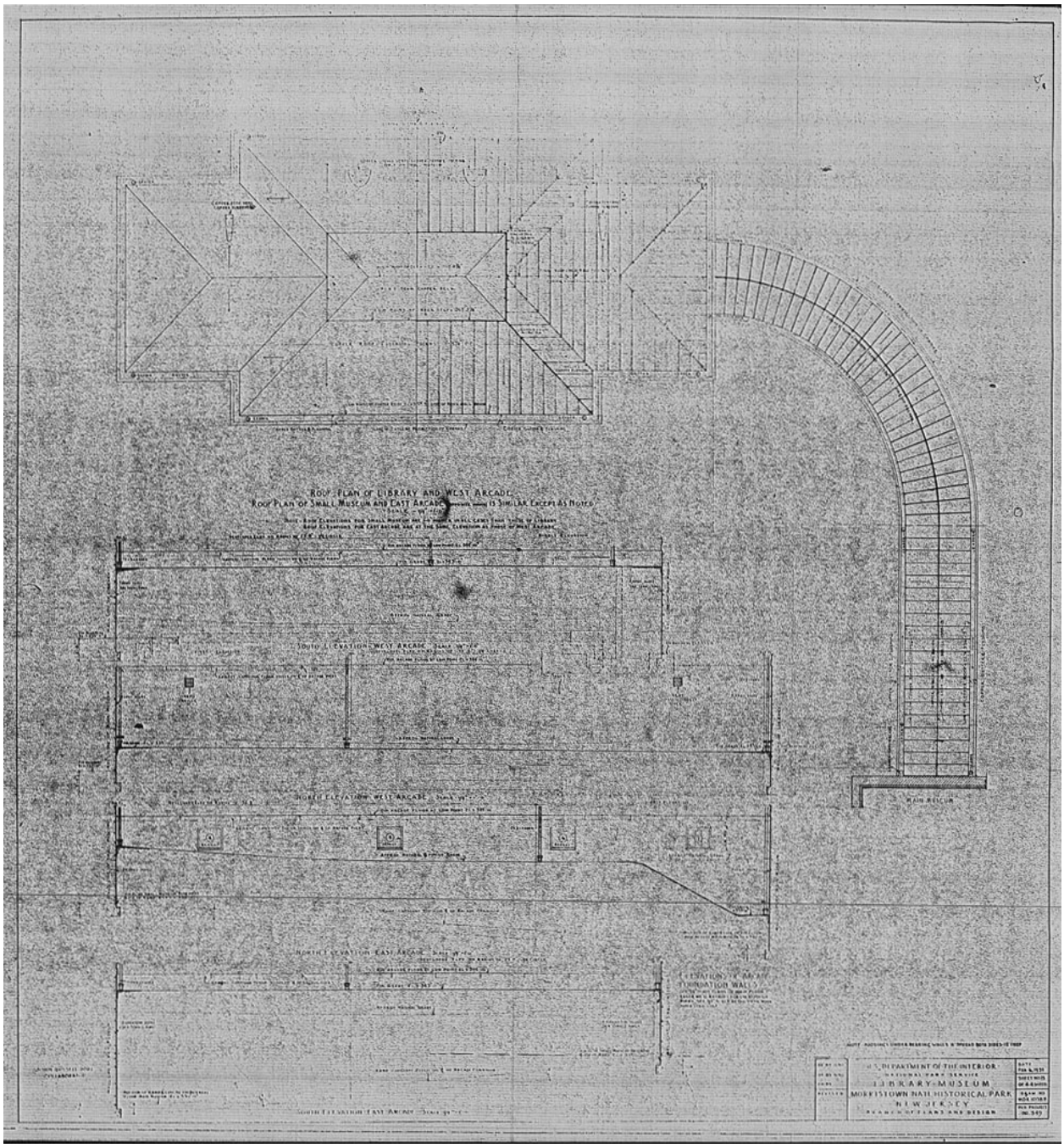

3" SCALE-DETAIL-MAIN-AUDITORIUM-CORNICE-
-EXTERIOR-
METHOD OF CONSTRUCTION SIMILAR FOR OTHER EXTERIOR CORNICES.
AUDITORIUM
PRINT ROOM
CHECK RM.
KITCHEN
NAT. GRADE LINE
-AUDITORIUM-CROSS-SECTION-
-MAIN-MUSEUM-UNIT "C"
Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NAT'L HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE-COLLABORATOR.

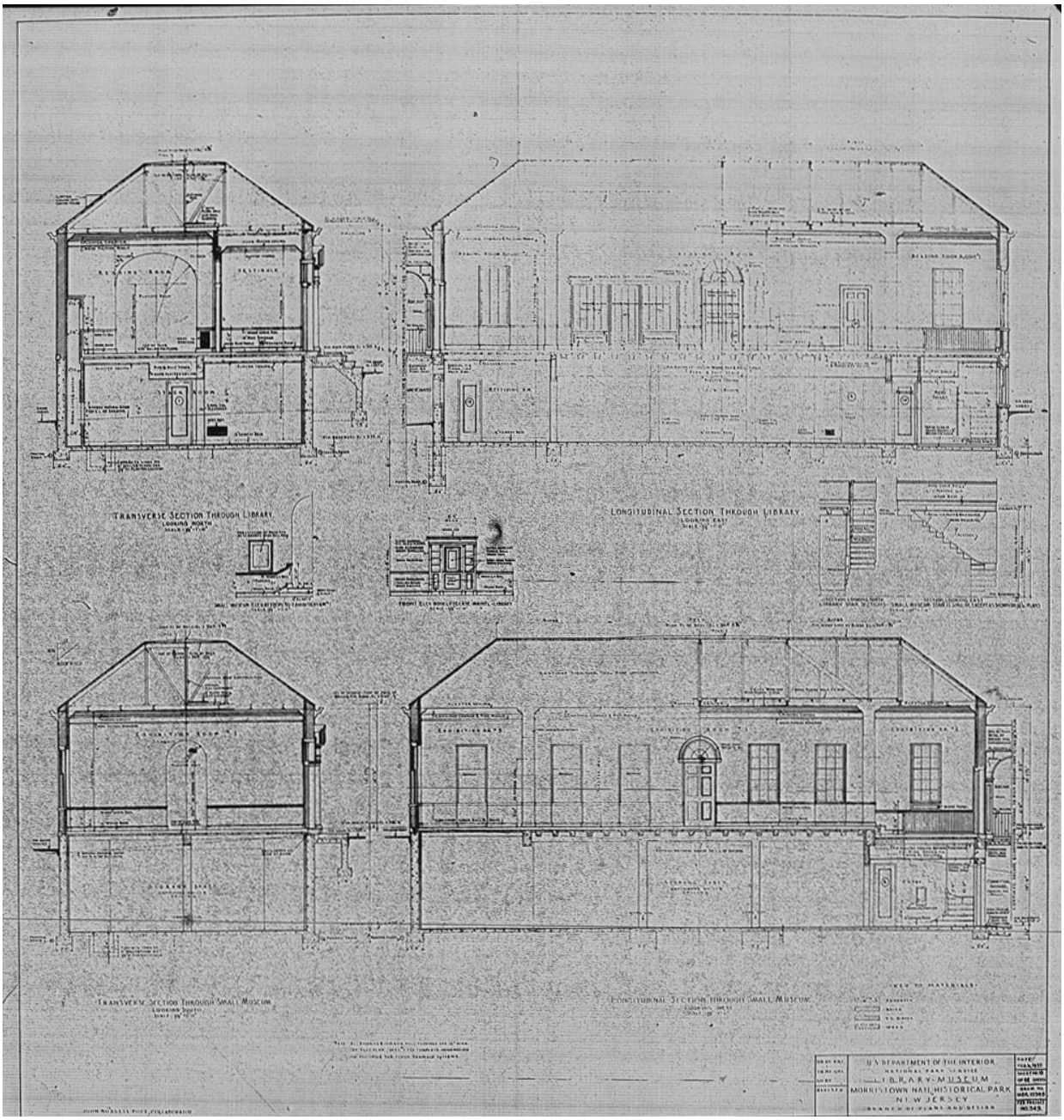

EXHIBITION ROOM #3
EXHIBITION RM #1
WEST FOYER
ENTRANCE HALL
EAST FOYER
EXHIBITION ROOM #2
PRIVATE STUDY NO 3
BOILER ROOM
FAN ROOM
STORAGE ROOM
PREPARATION ROOM
CROSS SECTION EXHIBITION ROOMS
MAIN MUSEM UNIT "C"
Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

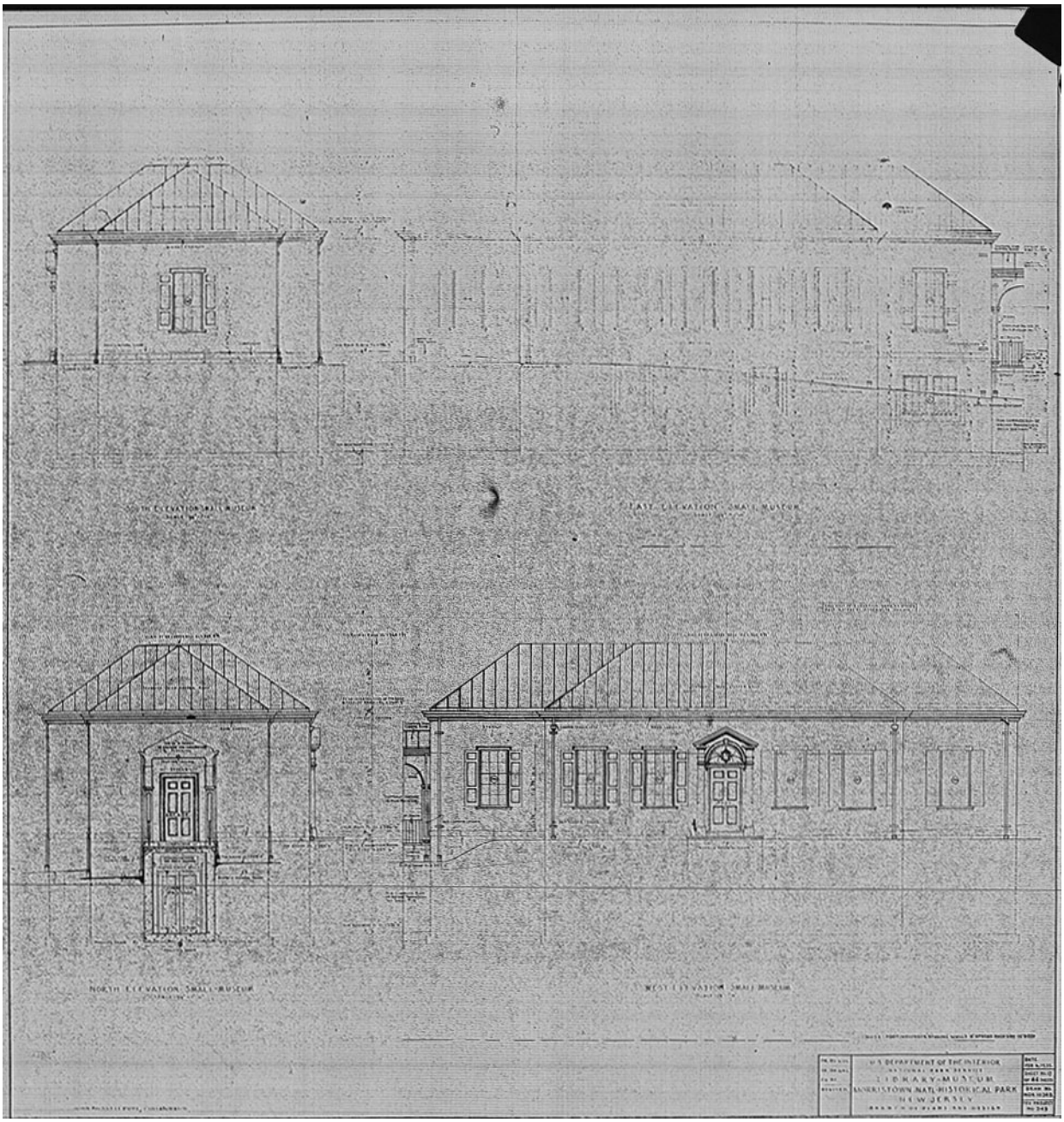

SOUTH WALL OF AUDITORIUM.
EXHIBITION RM. 3
SEE SHEET 13 FOR REVISED SECTIONS THROUGH THIS RM.
PROJECTION RM.
VESTIBULE
ENTRANCE HALL
AUDITORIUM
STAGE
FAN ROOM
CORRIDOR
PRINT DARK RM.
NEGATIVE DARK RM.
CHECK RM.
LOBBY
LONGITUDINAL SECTION
MAIN BUILDING-UNIT 'C'
Shot At 30 Lin.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN.
JOHN RUSSELL POPE, COLLABORATOR.

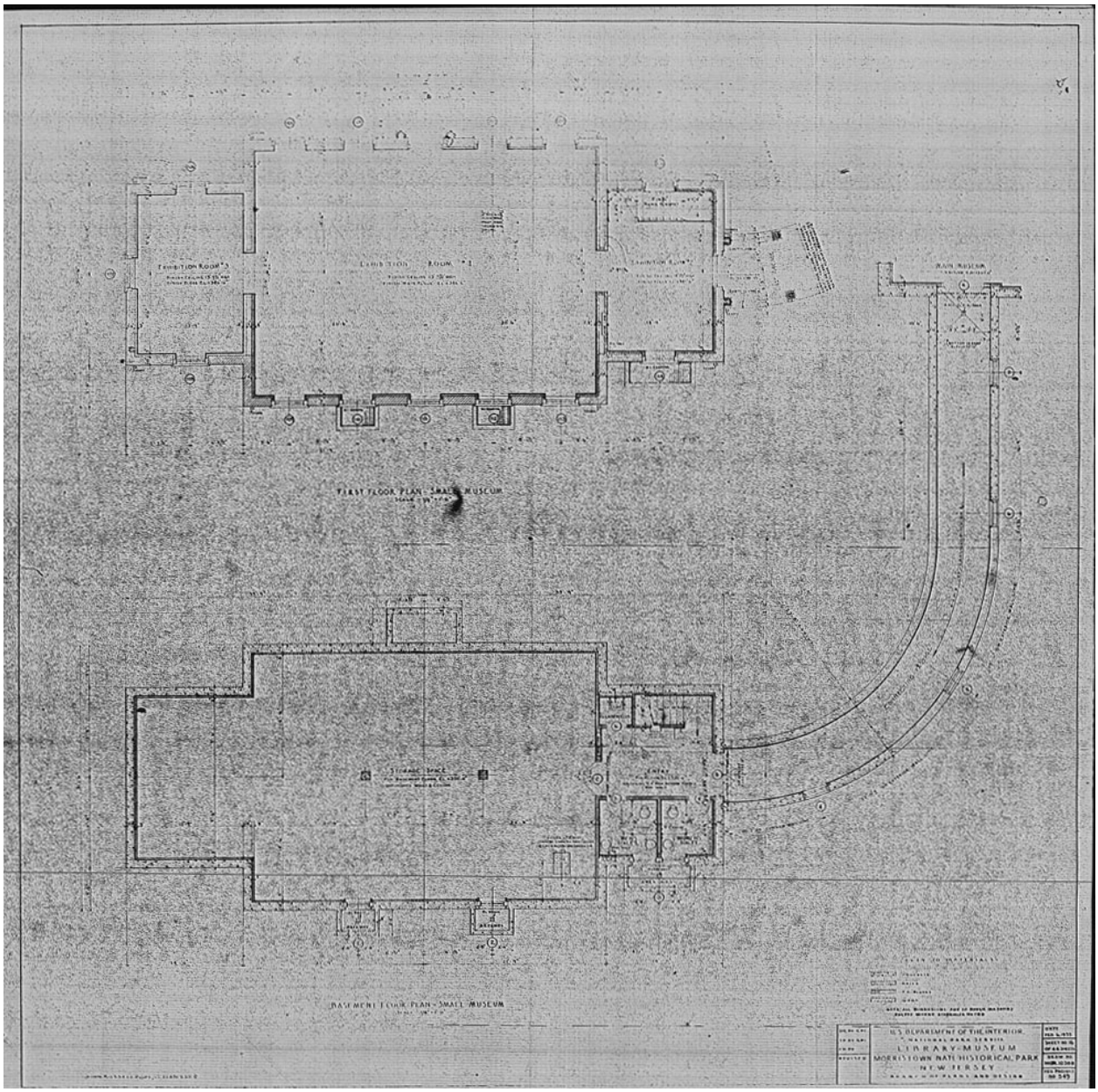

FIRST FLOOR PLAN - LIBRARY
BASEMENT FLOOR PLAN - LIBRARY
HALF-SIZE REPRODUCTION
U.S. DEPARTMENT OF THE INTERIOR
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY

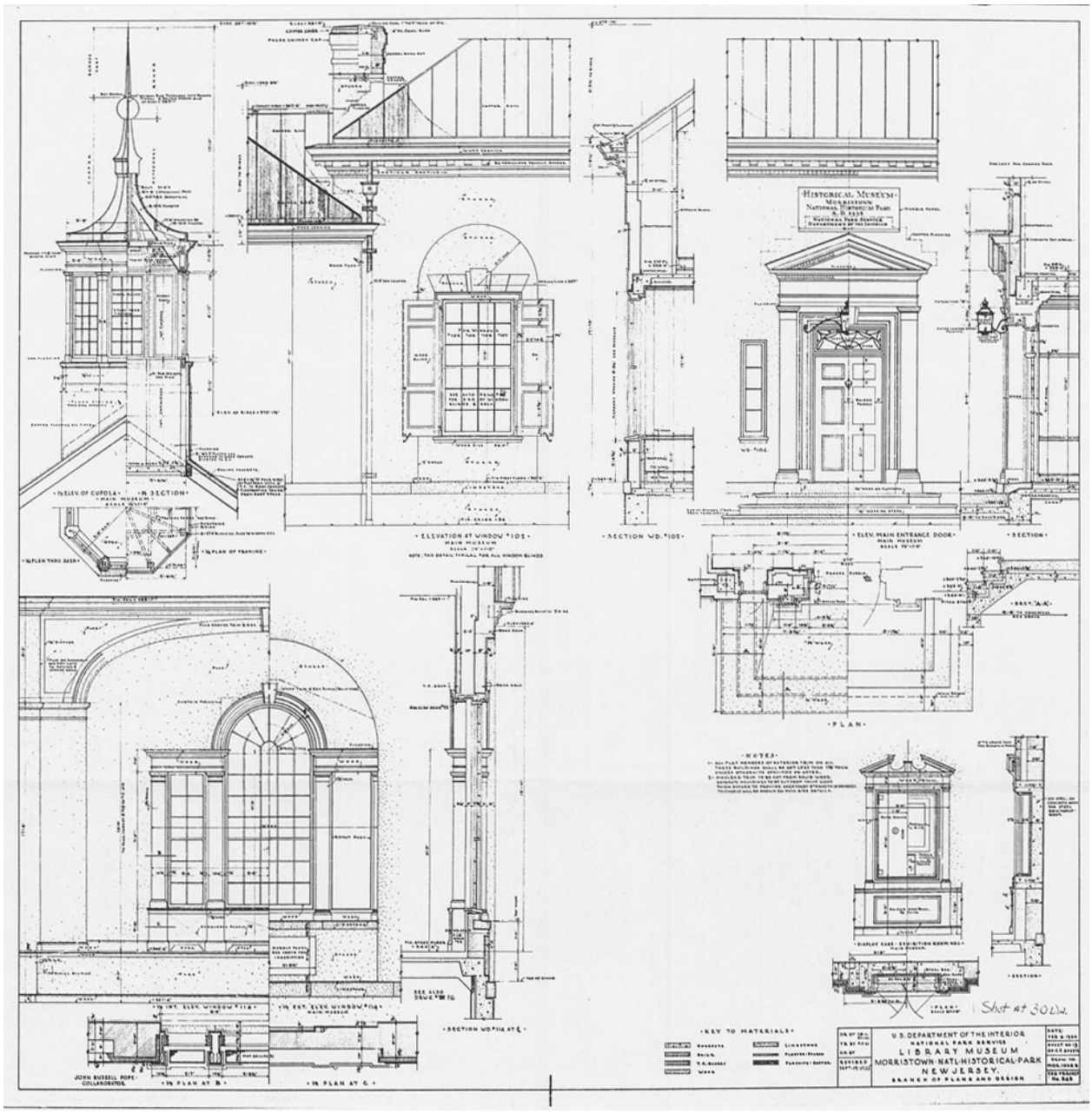

NORTH ELEVATION LIBRARY
WEST ELEVATION LIBRARY
SOUTH ELEVATION LIBRARY
EAST ELEVATION LIBRARY
U.S. DEPARTMENT OF THE INTERIOR
LIBRARY MUSEUM
MORRISTOWN NATIONAL HISTORICAL PARK
NEW JERSEY

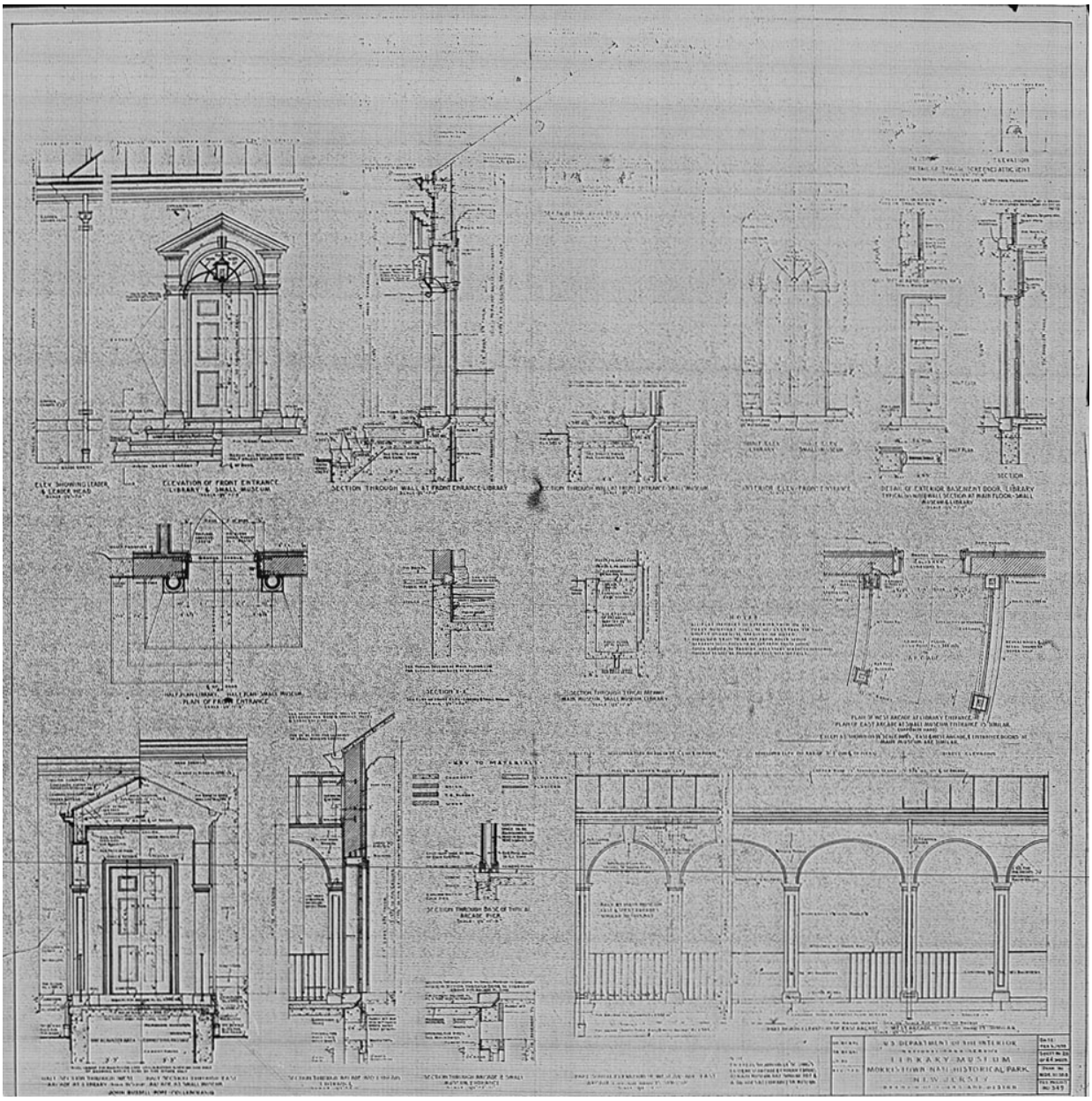

ROOF PLAN OF LIBRARY AND WEST ARCADE
ROOF PLAN OF SMALL MUSEUM AND EAST ARCADE
SOUTH ELEVATION WEST ARCADE
NORTH ELEVATION WEST ARCADE
NORTH ELEVATION EAST ARCADE
SOUTH ELEVATION EAST ARCADE
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN

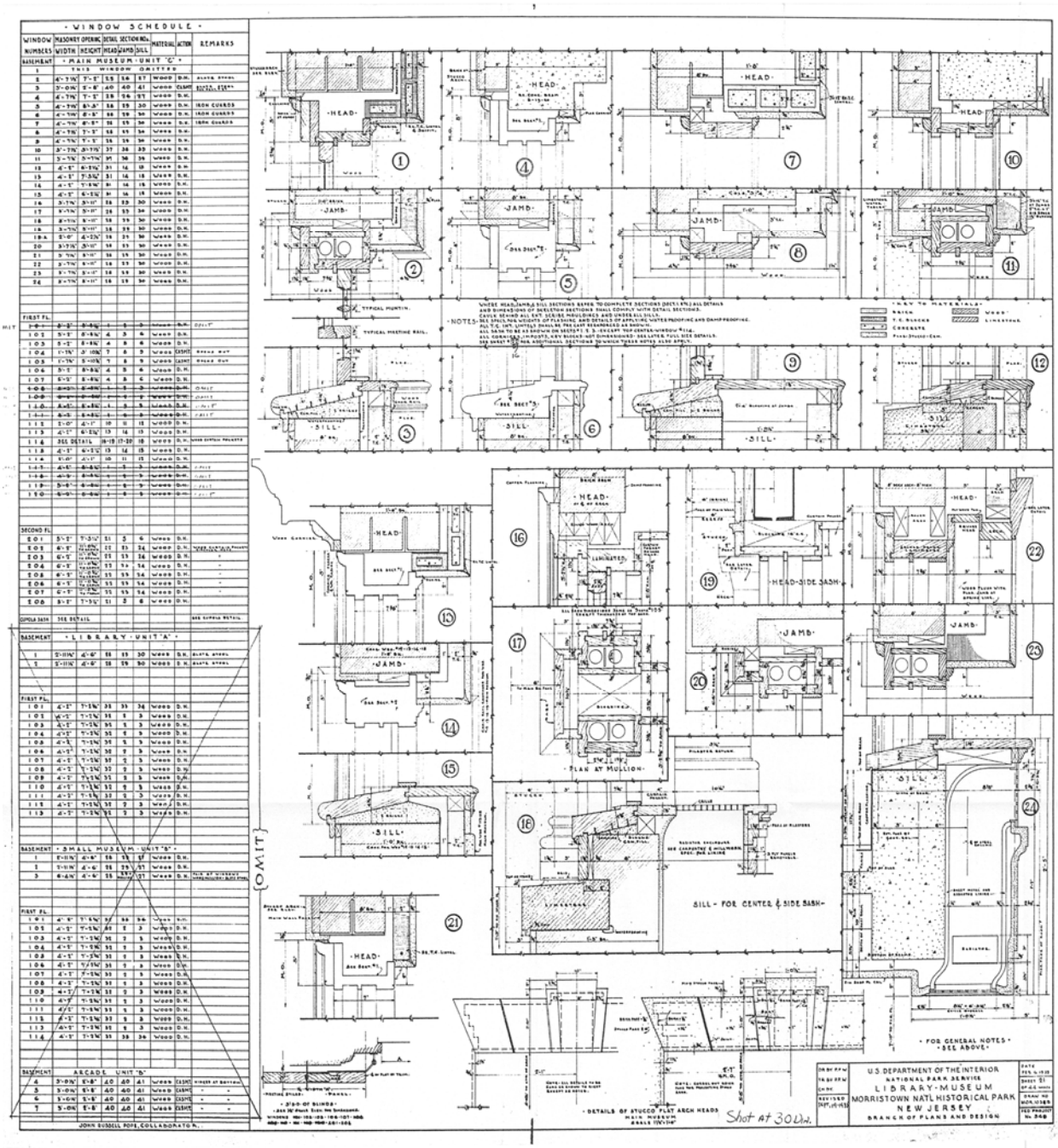

TRANSVERSE SECTION THROUGH LIBRARY
LONGITUDINAL SECTION THROUGH LIBRARY
TRANSVERSE SECTION THROUGH SMALL MUSEUM
LONGITUDINAL SECTION THROUGH SMALL MUSEUM
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATIONAL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN

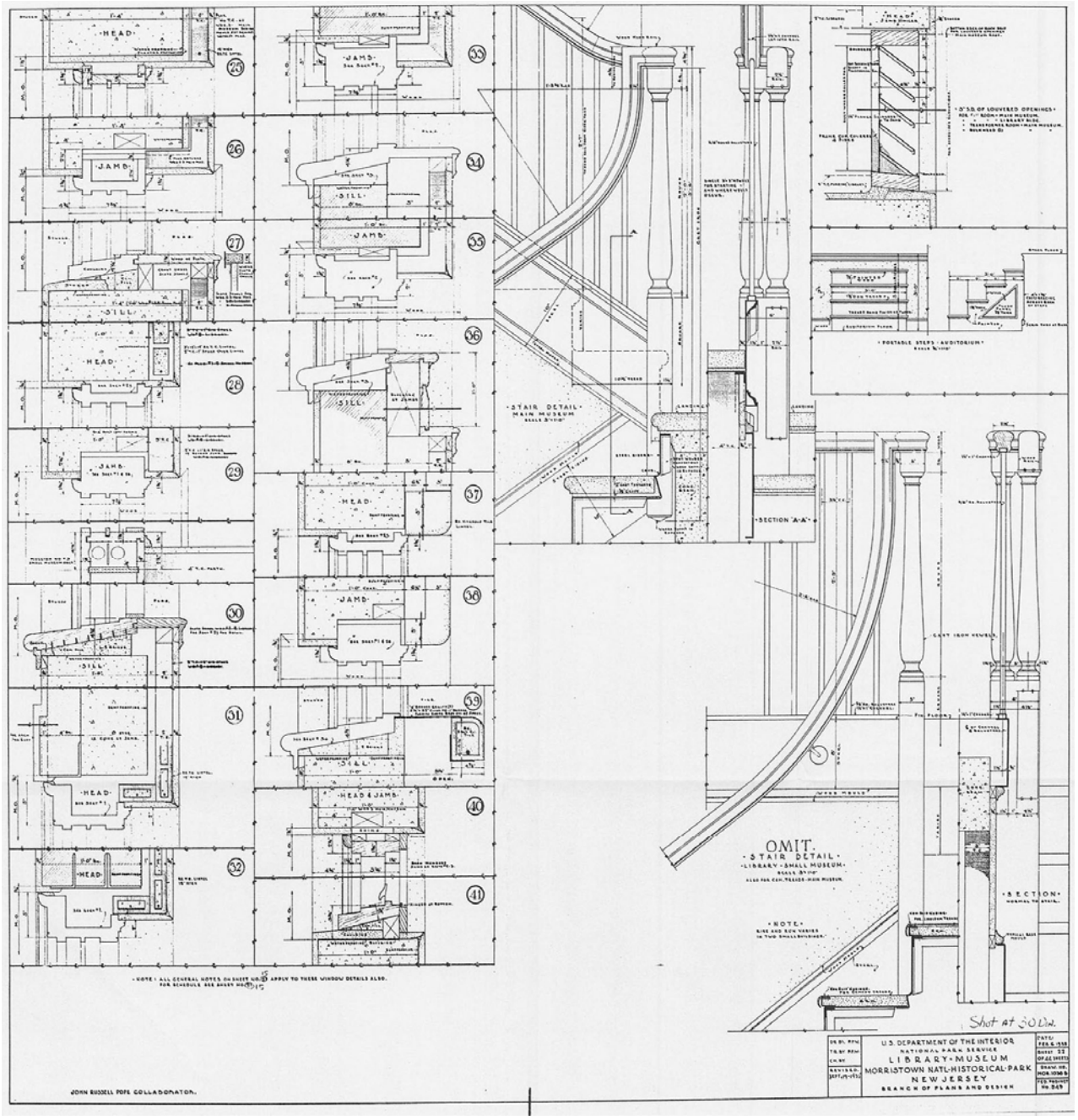

EAST ELEVATION SMALL MUSEUM
NORTH ELEVATION SMALL MUSEUM
WEST ELEVATION SMALL MUSEUM
U.S. DEPARTMENT OF THE INTERIOR
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY

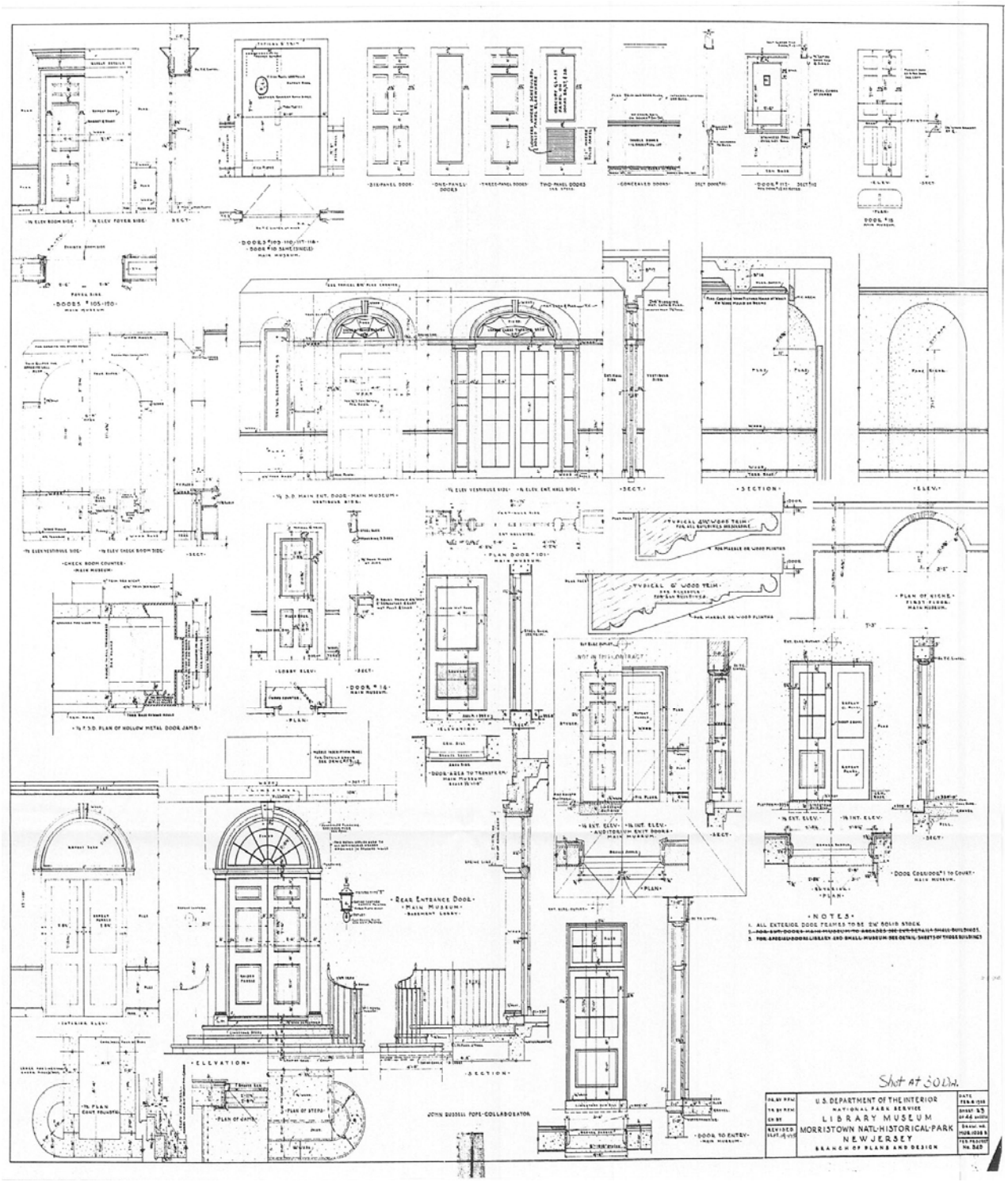

EXHIBITION ROOM #3
EXHIBITION ROOM #1
MAIN MUSEUM
FIRST FLOOR PLAN - SMALL MUSEUM
STORAGE SPACE
BASEMENT FLOOR PLAN - SMALL MUSEUM
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATI HISTORICAL PARK
NEW JERSEY


HISTORICAL MUSEUM
MORRISTOWN
NATIONAL HISTORICAL PARK
A.D. 1935
NATIONAL PARK SERVICE
DEPARTMENT OF THE INTERIOR
ELEV. OF CUPOLA
IN SECTION
PLAN THRU DOOR
PLAN OF FRAMING
ELEVATION AT WINDOW "10D"
MAIN MUSEUM
SECTION WD. "10D"
ELEV. MAIN ENTRANCE DOOR
MAIN MUSEUM
SECTION
PLAN
NOTES
SECTION WD. "11A" AT ℄
IN INT. ELEV. WINDOW "11A"
IN EXT. ELEV. WINDOW "11A"
MAIN MUSEUM
JOHN RUSSELL POPE
COLLABORATOR
IN PLAN AT B
IN PLAN AT C
DISPLAY CASE - EXHIBITION ROOM NO.1
MAIN DIVISION
KEY TO MATERIALS
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
Shot at 30 Dia.


ELEVATION OF FRONT ENTRANCE LIBRARY & SMALL MUSEUM
SECTION THROUGH WALL AT FRONT ENTRANCE LIBRARY
DETAIL OF EXTERIOR BASEMENT DOOR, LIBRARY
SECTION
KEY TO MATERIALS
SECTION THROUGH BASE OF TYPICAL ARCADE PIER
U.S. DEPARTMENT OF THE INTERIOR
LIBRARY-MUSEUM
MORRISTOWN NATIONAL HISTORICAL PARK
NEW JERSEY


· WINDOW SCHEDULE ·
WINDOW NUMBERS
MASONRY OPENING
WIDTH
HEIGHT
DETAIL SECTION NOS.
HEAD
JAMB
SILL
MATERIAL
ACTION
REMARKS
BASEMENT · MAIN MUSEUM · UNIT "C" ·
THIS WINDOW OMITTED
FIRST FL.
SECOND FL.
CUPOLA SASH
SEE DETAIL
BASEMENT · LIBRARY · UNIT "A" ·
FIRST FL.
BASEMENT · SMALL MUSEUM · UNIT "B" ·
FIRST FL.
BASEMENT ARCADE UNIT "B"
JOHN SUMNER POPE, COLLABORATOR
· NOTES ·
· KEY TO MATERIALS ·
BRICK
T.C. BLOCK
CONCRETE
WOOD
LIMESTONE
· HEAD
· JAMB
· SILL
· HEAD-SIDE SASH
· PLAN AT MULLION
SILL - FOR CENTER & SIDE SASH
{OMIT}
· FOR GENERAL NOTES · SEE ABOVE ·
· DETAILS OF STUCCO FLAT ARCH HEADS
MAIN MUSEUM
SCALE 1/2" = 1'-0"
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
Shot at 30 Dn.


HEAD
JAMB
SILL
HEAD & JAMB
STAIR DETAIL
MAIN MUSEUM
SECTION "A-A"
PORTABLE STEPS - AUDITORIUM
OMIT.
STAIR DETAIL
LIBRARY - SMALL MUSEUM
SECTION
NOTE
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL-HISTORICAL-PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE COLLABORATOR.


U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE-COLLABORATOR
NOTES
1. ALL EXTERIOR DOOR FRAMES TO BE 2½" SOLID STOCK
Shet at 30 Dia.

DOOR SCHEDULE

MAIN MUSEUM UNIT "C"

No.	Location Open Side	Location Stop Side	Size Width-Height	Thickness	Material	Finish	Trim Open Side Material	Trim Open Side Finish	Trim Stop Side Material	Trim Stop Side Finish	Plinth Open Side Material	Plinth Open Side Finish	Plinth Stop Side Material	Plinth Stop Side Finish	Jamb	Ceiling	Saddle	Class	Notes
BASEMENT																			
1	CORRIDOR NO1	PARK RM.	7'0"x8'-7"0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	ENAM.	—	—	—	—	H.M.	1-PANEL	—	—	F.P.S.C.
2	CORRIDOR NO1	CLOS. NO.2	2'0"x7'0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
3	CORRIDOR NO1	ELEV. SHAFT	7'0"x8'-7"0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	MONITOR	—	F.P.S.C. MONITOR MEETING RAILS
4	CORRIDOR NO1	STAIR HALL NO4	3'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	F.P.S.C.
5	PREP. RM.	STORAGE RM.	9'0"x8'-7"0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
6	CORRIDOR NO1	PREP. RM.	9'0"x8'-7"0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	F.P.S.C.
7	PREP. RM.	CORRIDOR NO1	9'0"x8'-7"0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	F.P.S.C.
8	LUNCH RM.	CORRIDOR NO1	3'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
9	ENTRY	KITCHEN	3'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	ENAM.	—	—	—	—	H.M.	1-PANEL	SLATE	—	
10	LUNCH RM.	KITCHEN	2'-8"x7'-0"	1¾	WOOD	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	ENAM.	—	—	—	—	H.M.	1-PANEL	SLATE	—	SHIPLAP TO MATCH EAST SIDE, "FIT"
11	KITCHEN	CLOS. NO.3	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	SLATE	—	
12	KITCHEN	STAIR HALL NO4	3'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	F.P.S.C.	SHIPLAPED STEEL STEEL, SEE DETAIL
13	KITCHEN	LOBBY	2'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	E"WOOD	L.&O.	—	—	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	F.P.S.C.
14	TICKET BOOTH	LOBBY	2'-10½"x7'-0" DETAILS	1¾	WOOD	L.&O.	1.F.S.	L.&O.	E"WOOD	L.&O.	—	—	MARBLE	HONED	H.M.	SPECIAL	—	—	SEE DETAIL
15	CHECK RM.	LOBBY	2'-10"x7'-0"	1¾	WOOD	L.&O.	1.F.S.	L.&O.	E"WOOD	L.&O.	—	—	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	SEE DETAIL
16	CHECKING NO1	LOBBY	2'-10"x7'-0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	E"WOOD	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	F.P.S.C.
17	PRINT RM.	CLOS. NO.4	5'0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
18	PRINT RM.	CORRIDOR NO1	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
19	ELEVATOR SHAFT	CORRIDOR NO1	2'-8"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	—	—	MAT. LOUVERS-3 SHAFT.
20	ELEVATOR SHAFT	PRINT RM.	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
21	MEN'S TOILET	CORRIDOR NO1	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	H.M.	2-PANEL	MARBLE	—	MAT. LOUVERS 2 SHAFT.
22	PRINT ROOM	FILM STORAGE	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	MAT. LOUVERS-3 SHAFT.
23	PORTRAIT NO 7	CLEANERS CL.	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	ENAM.	—	—	—	—	H.M.	2-PANEL	—	—	MAT. LOUVERS-3 SHAFT.
24	PRINT ROOM	CORRIDOR NO1	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	—	—	MAT. LOUVERS-3 SHAFT.
25	WOMEN'S TOILET	CORRIDOR NO1	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	MARBLE	—	MAT. LOUVERS-2 SHAFT.
26	PRIN. STUDYING	CORRIDOR NO3	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	—	—	
27	PRIN. STUDYING	CORRIDOR NO3	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	—	—	
28	PRIN. STUDY NO1	CORRIDOR NO3	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	—	—	
29	CORRIDOR NO1	SWITCH RM.	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	ENAM.	—	—	—	—	H.M.	2-PANEL	—	—	F.P.S.C.
30	STAIR HALL No3	CORRIDOR No.3	3'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	—	—	F.P.S.C.
31	CORRIDOR NO1	STAIR HALL NO1	3'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	F.P.S.C.
32	CORRIDOR NO1	CLOS. NO.1	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
33	PACKING STUD	CORRIDOR NO1	2'-10"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
34	PACKING STUD	CLOS. NO5	2'-0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
35	CHECK RM.	TICKET BOOTH	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	2-PANEL	—	—	MAT. LOUVERS-7 SH. FT.
36	BOILER RM.	FAN RM.	7'0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	ENAM.	—	—	—	—	H.M.	1-PANEL	—	—	
37	GL. 4a	SEE PLAN	2'-6"x 3'-6"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	BUCK & SIDES
38	GL. 3	SEE PLAN	2'-6"x 3'-6"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	BUCK & SIDES
39	BOILER RM.	SEE PLAN	2'-6"x 2'-6"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	BUCK & SIDES
FIRST FLOOR																			
101	ENTRANCE HALL	VESTIBULE	3'0"x7'-0" DOUBLE DOOR	1¾	WOOD	L.&O.	WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	MARBLE	HONED	WOOD	CLASED	—	C.P.	TRANSOM & DOUGHNUTS SEE DETAIL
102	SECRETARY	EXHIBITION HALL	3'-0"x7'-0"	1¾	WOOD	L.&O.	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	
103	PARK HISTORIAN	SECRETARY	2'-10"x7'-0"	1¾	WOOD	L.&O.	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	WOOD	L.&O.	H.M.	6-PANEL	WOOD	—	
104	PARK HISTORIAN	EAST FOYER	3'-0"x7'-0"	1¾	WOOD	L.&O.	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	
105	STAIR HALL #2	EAST FOYER	3'-0"x7'-0"	1¾	H.M.	SELECTIVE STRIPPING	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	ENAM.	5-PANEL	MARBLE	— SEE DETAIL F.P.S.C.
106	ENTRANCE HALL	ELEV. SHAFT	7'0"x8'-7"0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	FLUSH	MONITOR	—	"CONVERSATION BOOKS" PROVIDE WOOD STRIPS BACK AND SIDES PLACE MONITOR FRAME AT WALL; SEE DETAIL
107	AUDITORIUM	ELEV. SHAFT	7'0"x8'-7"0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	FLUSH	MONITOR	—	F.P.S.C.
108	FOYER NO.6	STAIR HALL NO3	3'-0"x 7'-0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	E"WOOD	L.&O.	—	—	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	F.P.S.C.
109	AUDITORIUM	STAIR HALL NO3	3'-0"x 7'-0"	1¾	WOOD	SELECTIVE STRIPPING	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	FLUSH	MARBLE	—	SEE DETAIL
110	AUDITORIUM	STAIR HALL NO3	3'0"x7'-0"	1¾	WOOD	SELECTIVE STRIPPING	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	FLUSH	MARBLE	—	SEE DETAIL
111	AUDITORIUM	D.W. SHAFT	2'-6"x 7'-0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	L.&O.	WOOD	L.&O.	—	—	H.M.	FLUSH	—	—	DOUBLED STEEL STRIPS AT FRONT; SEE DETAIL; MAKE ANTIQUING & FINISH
112	MEETING RM. NO.1	D.W. SHAFT	2'-6"x 2'-0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	DOUBLE STEEL STRIPS - SEE DETAIL
113	STAIR HALL NO4	MEETING RM. NO1	3'-6"x 7'-0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	L.&O.	MARBLE	HONED	—	—	H.M.	3-PANEL	MARBLE	—	F.P.S.C.
114	MEETING RM. NO1	STAGE	7'0"x 8'-7"0"	1¾	WOOD	L.&O.	1.F.S.	L.&O.	E"WOOD	L.&O.	—	—	WOOD	L.&O.	H.M.	5-PANEL	WOOD	—	REMOVE MEETING RAILS
115	PRESIDENT'S OFF.	STAGE	7'0"x 8'-7"0"	1¾	WOOD	L.&O.	1.F.S.	L.&O.	E"WOOD	L.&O.	—	—	WOOD	L.&O.	H.M.	5-PANEL	WOOD	—	REMOVE MEETING RAILS
116	STAIR HALL NO3	MEETING RM. NO1	3'-6"x 7'-0"	1¾	H.M.	L.&O.	SELECTIVE STRIPPING	L.&O.	1.F.S.	L.&O.	MARBLE	HONED	—	—	H.M.	5-PANEL	MARBLE	—	REMOVE MEETING RAILS
117	AUDITORIUM	STAIR HALL NO3	3'0"x 7'-0"	1¾	WOOD	SELECTIVE STRIPPING	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	FLUSH	MARBLE	—	SEE DETAIL
118	AUDITORIUM	STAIR HALL NO3	3'0"x 7'-0"	1¾	WOOD	SELECTIVE STRIPPING	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	FLUSH	MARBLE	—	SEE DETAIL
119	STAIR HALL NO3	STAIR HALL NO3	3'-0"x 7'-0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	E"WOOD	L.&O.	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	ENAM.
120	CORRIDOR ENAM.	WEST FOYER	7'0"x 8'-7"0"	1¾	H.M.	SELECTIVE STRIPPING	E"WOOD	L.&O.	E"WOOD	L.&O.	MARBLE	HONED	H.M.	ENAM.	5-PANEL	MARBLE	—	SEE DETAIL F.P.S.C.
121	SERV. PASS. CORRIDOR	WEST FOYER	3'-0"x 7'-0"	1¾	WOOD	L.&O.	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	
122	CHECK RM.	WEST FOYER	2'-10"x 7'-0"	1¾	WOOD	L.&O.	E"WOOD	L.&O.	E"WOOD	L.&O.	WOOD	L.&O.	WOOD	L.&O.	H.M.	6-PANEL	WOOD	—	
123	CHECK RM.	CORRIDOR HALL	2'-10"x 7'-0"	1¾	WOOD	L.&O.	E"WOOD	L.&O.	E"WOOD	L.&O.	MARBLE	HONED	H.M.	6-PANEL	MARBLE	—	
124	REFRIGERATOR	STAGE	2'-6"x 7'-0" DOUBLE DOOR	1¾	WOOD	L.&O.	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
SECOND FLOOR																			
201	EXHIBITION RM.	PROJECTION RM.	7'-0"x 8'-8"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	FLUSH	WOOD	—	"TRAVELLER BOOKS" PROVIDE WOOD BACK AND SIDE STRIPS
202	EXHIBITION RM.	ELEV. SHAFT	7'0"x 7'-0"	1¾	H.M.	SELECTIVE STRIPPING	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	FLUSH	MONITOR	—	

SCHEDULE OF INTERIOR FINISHES

MAIN MUSEUM UNIT "C"

Space	Floor	Base	Walls	Main Scot	Chair Rail	Picture Moulding	Cornice	Ceiling	Paint On Plaster	Paint On Trim	Paint On Sashes Doors Radiators	Notes
BASEMENT												
LOBBY STAIR STORAGE	TERR.	TERR.	ON TERR. WITH CONC. BLK. ON TOP	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	W. NOT DAMAGE TO FLOOR AS SHOWN.
CORRIDORS	CEM.	CEM.	6" C.E.M.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
KITCHEN	QUARRY TILE	QUARRY TILE	—	—	—	—	—	—	FL. SUSP.	L.LITH.	ENAM.	PARTITIONS & PANELING T.C. WITH QUARRY TILE FOR 6FT. ON MAIN WALL. W. NOT DAMAGE TO FLOOR AS SHOWN.
ENTRY	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL.	L.LITH.	ENAM.	
LUNCH ROOM	CEM.	CEM.	—	—	—	WOOD	—	—	FL. SUSP.	L.&O.	L.&O.	
CHECK ROOM	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
TICKET BOOTH	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
DARK ROOMS	SELECTIVE STRIPPING	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	
PRINT ROOM	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	
CLEANERS CLOSET	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL.	L.LITH.	ENAM.	
FILM STORAGE	CEM.	CEM.	6"-C.E.M.	CEM. PL.	—	—	—	—	—	L.&O.	L.&O.	
TOILETS	TERR.	TERR.	6"-TERR.	FL.	—	—	—	—	FL. SUSP.	L.LITH.	ENAM.	
PRIVATE STUDIES	CEM.	CEM.	6"-C.E.M.	FL.	—	WOOD	—	—	FL. SUSP.	L.&O.	L.&O.	
BOILER ROOM	CEM.	CEM.	—	SEE NOTES	—	—	—	—	CONC.	L.LITH.	ENAM.	
FAN ROOM	CEM.	CEM.	—	SEE NOTES	—	—	—	—	—	L.LITH.	ENAM.	
STORAGE ROOM	CEM.	CEM.	6"-C.E.M.	—	—	—	—	—	—	L.&O.	L.&O.	
PREPARATION ROOM	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	
CLOSETS 1 & 9	CEM.	CEM.	6"-C.E.M.	—	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	—
CLOSETS 3-4 & 5	CEM.	CEM.	6"-C.E.M.	—	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
ELEVATOR SHAFT	—	—	—	—	—	—	—	—	—	L.&O.	L.&O.	—
D.W. SHAFT	—	—	—	—	—	—	—	—	—	—	L.&O.	—
STAIR HALLS 3 & 6	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
ENGINEERS OFFICE	CEM.	CEM.	6"-C.E.M.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	
TRANSFORMER RM.	CEM.	CEM.	—	SEE NOTES	—	—	—	—	—	L.LITH.	ENAM.	EXTERIOR WALLS MUST INCORPORATE FRAME, W. FROM OF OTHER WALLS
SWITCH ROOM	CEM.	CEM.	—	SEE NOTES	—	—	—	—	—	L.LITH.	ENAM.	
FIRST FLOOR												
VESTIBULE	TERR. OR QUARRY TILE	TERR.	ON TERR. WITH CONC. BLK. ON TOP	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	— W. NOT DAMAGE TO FLOOR AS SHOWN.
ENTRANCE HALL, LAND. & WOM. RESTS.	QUARRY TILE	TERR.	ON TERR. WITH CONC. BLK. ON TOP	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	PLACE MET. TRIM ON ELEVATOR DOOR.
EXHIBITION ROOMS	WOOD	WOOD	—	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	SET TRIM ON DOOR TO ABOVE.
PARK HISTORIAN	LIN.	—	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	—	FL. SUSP.	L.&O.	L.&O.	—
ASST. PARK HISTORIAN	LIN.	—	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	—	FL. SUSP.	L.&O.	L.&O.	—
SECRETARY	LIN.	—	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	—	FL. SUSP.	L.&O.	L.&O.	—
CHECK ROOM.	LIN.	—	6" WOOD BASEBOARD	FL.	—	WOOD	—	—	FL. SUSP.	L.&O.	L.&O.	—
STAIR HALLS 1 & 9	TERR. OR QUARRY TILE	TERR.	ON TERR. WITH CONC. BLK. ON TOP	FL.	FL.	WOOD	WOOD	—	FL. SUSP.	L.&O.	L.&O.	— SHIPLAP, SEE, UNDER STAIR LANDS
STAIR HALLS 3 & 4	TERR.	TERR.	ON TERR. WITH CONC. BLK. ON TOP	FL.	FL.	WOOD	WOOD	—	FL. SUSP.	L.&O.	L.&O.	—
STAIR HALLS 5 & 6	CEM.	CEM.	6" C.E.M.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	ENAM. FL. SHAPED, CONTACT JOINT LEVELLY BOWS AT BOTTOM OF STAIRS OVER
AUDITORIUM	WOOD	WOOD	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	
STAGE	WOOD	WOOD	6" WOOD BASEBOARD	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
DRESSING ROOMS	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
ELEVATOR SHAFT	—	—	—	—	—	—	—	—	—	L.&O.	L.&O.	
D.W. SHAFT	—	—	—	—	—	—	—	—	—	—	L.&O.	—

SEE SHEET 13 FOR REVISIONS IN EXHIBITION ROOMS

LIBRARY

Space	Floor	Base	Walls	Main Scot	Chair Rail	Picture Moulding	Cornice	Ceiling	Paint On Plaster	Paint On Trim	Paint On Sashes Doors Radiators	Notes
BASEMENT												
STACK ROOM	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	SEE DETAIL FOR LUMINATE DOWN FL. SEE ENAM. DUCT AND TOP. PLATE.
PASSAGE	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
MANUSCRIPT VAULT	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	—
MAP VAULT	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	—
TOILETS	TERR.	TERR.	6" TERR.	FL.	—	—	—	—	FL.	L.LITH.	ENAM.	SEE MAIN MUSEUM FOR ALL FINISHES IN THIS ROOM
RECEIVING ROOM	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	
STAIRS	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL.	L.&O.	L.&O.	
CLEANERS CLOSET	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL.	L.LITH.	ENAM.	
FAN ROOM	CEM.	CEM.	—	—	—	—	—	—	—	L.LITH.	ENAM.	
FIRST FLOOR												
READING ROOM	LIN.	—	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	—
READING ROOM ALCOVES	LIN.	—	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	—
PRIVATE STUDY	LIN.	—	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	—	FL. SUSP.	L.&O.	L.&O.	—
VESTIBULE	TERR.	TERR.	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	W. NOT DAMAGE TO FLOOR AS SHOWN.
LIBRARIANS OFFICE	LIN.	—	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	—	FL. SUSP.	L.&O.	L.&O.	—

OMIT

SMALL MUSEUM

Space	Floor	Base	Walls	Main Scot	Chair Rail	Picture Moulding	Cornice	Ceiling	Paint On Plaster	Paint On Trim	Paint On Sashes Doors Radiators	Notes
BASEMENT												
ENTRY	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL. SUSP.	L.&O.	L.&O.	
TOILETS	TERR.	TERR.	6" TERR.	FL.	—	—	—	—	FL.	L.LITH.	ENAMEL	
CLEANERS CLOSET	CEM.	CEM.	6" CEM.	FL.	—	—	—	—	FL.	L.LITH.	ENAM.	
STAIRS	SEE STAIR DETAILS			FL.	—	—	—	—	—	L.&O.	L.&O.	—
STORAGE SPACE	CEM.	CEM.	—	—	—	—	—	—	—	—	L.&O.	—
FIRST FLOOR												
EXHIBITION ROOMS	WOOD	WOOD	6" WOOD BASEBOARD	FL.	FL.	WOOD	WOOD	FL.	FL. SUSP.	L.&O.	L.&O.	WOOD STOPS WHERE SHOWN

EAST ARCADE

Space	Floor	Base	Walls	Main Scot	Chair Rail	Picture Moulding	Cornice	Ceiling	Paint On Plaster	Paint On Trim	Paint On Sashes Doors Radiators	Notes
BASEMENT												
CONNECTING PASSAGE	CEM.	CEM.	—	SEE NOTES	—	—	—	—	L.LITH.	ENAM.	ENAM. FL. SHAPED	PARTITIONS & PANELING T.C. WITH QUARRY TILE FOR 6FT. ON MAIN WALL. W. NOT DAMAGE TO FLOOR AS SHOWN.
FIRST FLOOR												
CONNECTING PASSAGE	CEM.	CEM.	—	WOOD	—	—	—	WOOD STRIPS	WOOD STRIPS	—	L.&O.	ENAM. FL. SHAPED — THESE AS REVISED STRIPS. PLACE BACK WALL ENAM. AS REQUIRED FOR SECTION

OMIT

E.&W. ARCADES

- GENERAL NOTES ON INTERIOR FINISH -

1. SEE SPECIFICATIONS FOR PAINTING OF ITEMS NOT COVERED BY THIS SCHEDULE.
2. WHERE WALLS OF E.F.L. THEY HAVE NO PLASTER FINISH THE GROUND OF T.C.-CONCRETE, BRICK OR CEMENT SHALL BE PAINTED AS SCHEDULED FOR PLASTER. DO NOT PAINT ON SELF-CLEANED SURFACES OF T.C.

SMALL MUSEUM UNIT "B"

No.	Location Open Side	Location Stop Side	Size Width-Height	Thickness	Material	Finish	Trim Open Side Material	Trim Open Side Finish	Trim Stop Side Material	Trim Stop Side Finish	Plinth Open Side Material	Plinth Open Side Finish	Plinth Stop Side Material	Plinth Stop Side Finish	Jamb	Ceiling	Saddle	Class	Notes
BASEMENT																			
1																			THIS DOOR OMITTED.
2	STORAGE RM.	CLOSET	7'0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	F.P.S.C.
3	MEN'S TOILET	ENTRY	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	MARBLE	—	
4	WOMEN'S TOILET	ENTRY	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	MARBLE	—	
5	CHECK RM.	ENTRY	7'0"x7'-0"	1¾	H.M.	BAKED	1.F.S.	ENAM.	1.F.S.	L.&O.	—	—	—	—	H.M.	1-PANEL	—	—	
6	CLEANERS CL.	ENTRY	2'-6"x7'-0"	1¾	H.M.	BAKED	1.F.S.	L.&O.	1.F.S.	ENAM.	—	—	—	—	H.M.	1-PANEL	—	—	

- NOTE -

FOR ALL EXTERIOR DOORS - SEE W. SCALE DETAILS.
NOTE HOLLOW-METAL EXTERIOR DOOR TO TRANSFORMER RM., MAIN MUSEUM.

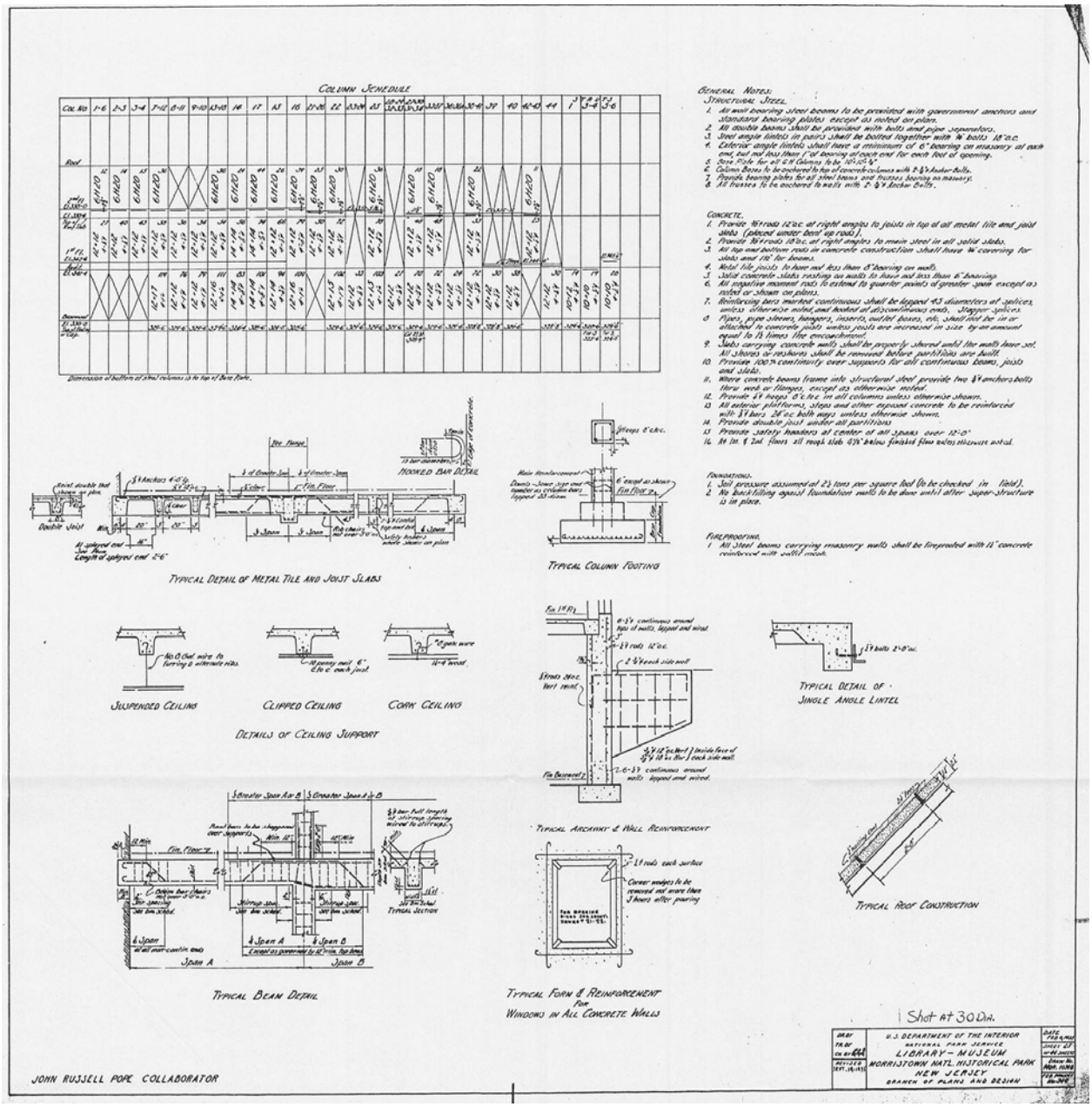
KEY TO ABBREVIATIONS:

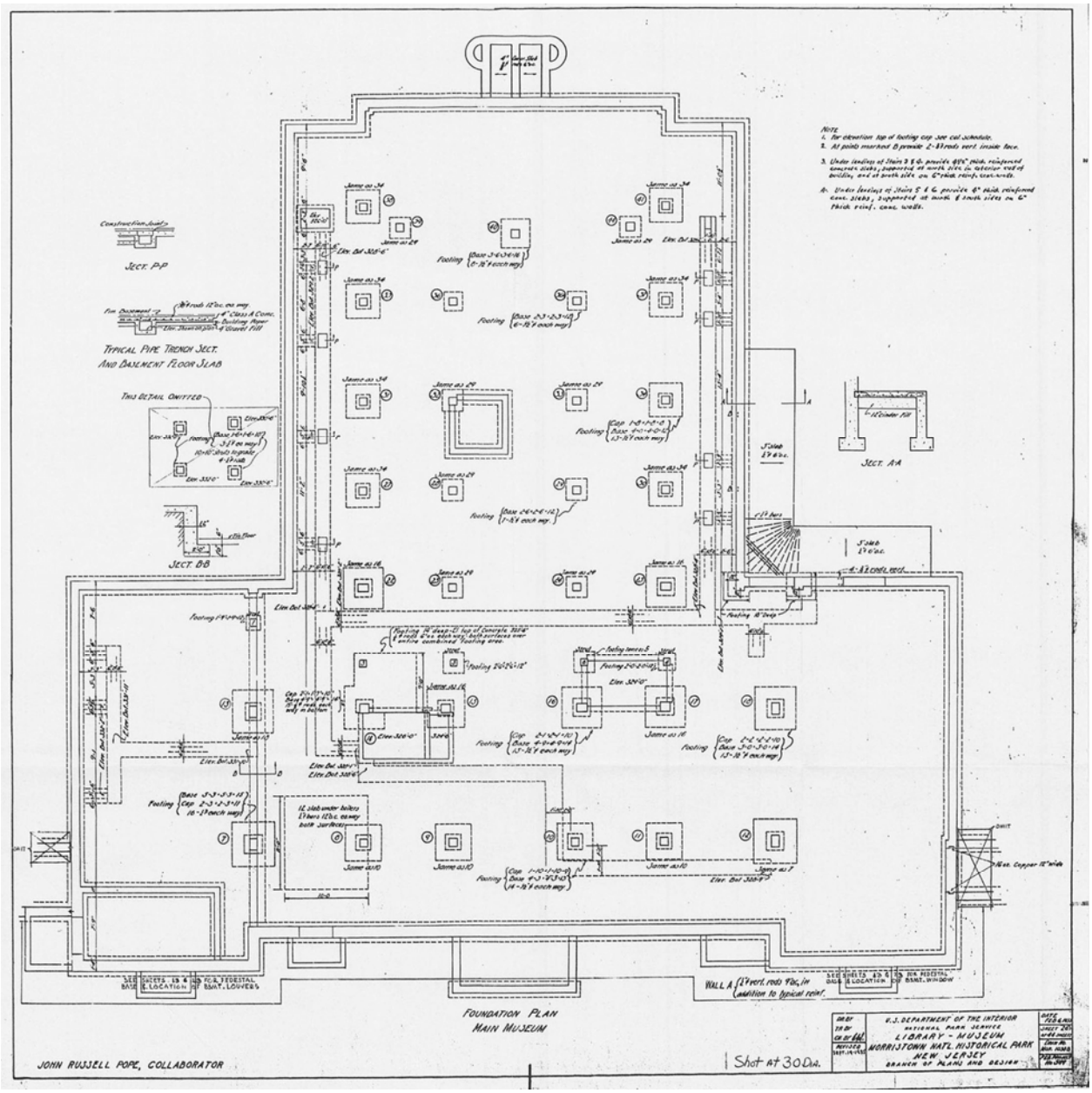
CL. - CLOSET.
C.E.M. - CEMENT.
H.M. - HOLLOW METAL.
I.F.S. - INTERNAL FLAT STEEL.
MET. - METAL.
TERR. - TERRAZZO.
E.M. - ENAMEL.
PL. - PLASTER.
FL. SUSP. - PLASTER SUSPENDED.
LIN. - LINOLEUM.
QUARRY - QUARRY LITHOPHOR.
LITH. - LITHOPHOR.
ENAM. - ENAMEL.
ACOUST. - ACOUSTICAL.
SUSP. - SUSPENDED.
P.L. - PLASTER PLATE.
W.O. - WOOD PLATE.
F.P.S.C. - PERFORATED, SELF-CLOSING.

JOHN RUSSELL POPE, COLLABORATOR

Shot at 30 Dia.

DR. BY B.A.R.	U.S. DEPARTMENT OF THE INTERIOR
TR. BY R.P.M.	NATIONAL PARK SERVICE
CK. BY	LIBRARY-MUSEUM
REVISED DEPT. PL. 415	MORRISTOWN NATL. HISTORICAL PARK
	NEW JERSEY
	BRANCH OF PLANS AND DESIGN
DATE: FEB. 8, 1935	
SHEET 26 OF 4-4 SHEETS	
DRAW. NO. MOR. 10583	
FILE PROJECT No. 848	


COLUMN SCHEDULE
GENERAL NOTES:
STRUCTURAL STEEL.
CONCRETE.
FOUNDATIONS.
FIREPROOFING.
TYPICAL DETAIL OF METAL TILE AND JOIST SLABS
TYPICAL COLUMN FOOTING
SUSPENDED CEILING
CLIPPED CEILING
CORK CEILING
DETAILS OF CEILING SUPPORT
TYPICAL DETAIL OF SINGLE ANGLE LINTEL
TYPICAL ARCHWAY & WALL REINFORCEMENT
TYPICAL BEAM DETAIL
TYPICAL FORM & REINFORCEMENT FOR WINDOWS IN ALL CONCRETE WALLS
TYPICAL ROOF CONSTRUCTION
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY - MUSEUM
MORRISTOWN NAT. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE COLLABORATOR


NOTE
1. For elevation top of footing cap see col. schedule.
2. At point marked B provide 2-#3 rods vert. inside face.
3. Under landings of Stairs 3 & 4 provide 4½" thick reinforced concrete slabs, supported at north side on exterior wall of building, and at south side on 6" thick reinf. conc. walls.
4. Under landings of Stairs 5 & 6 provide 4" thick reinforced conc. slabs; supported at north & south sides on 6" thick reinf. conc. walls.
SECT. P-P
TYPICAL PIPE TRENCH SECT. AND BASEMENT FLOOR SLAB
THIS DETAIL OMITTED
SECT. BB
SECT. AA
FOUNDATION PLAN
MAIN MUSEUM
WALL A
JOHN RUSSELL POPE, COLLABORATOR
Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
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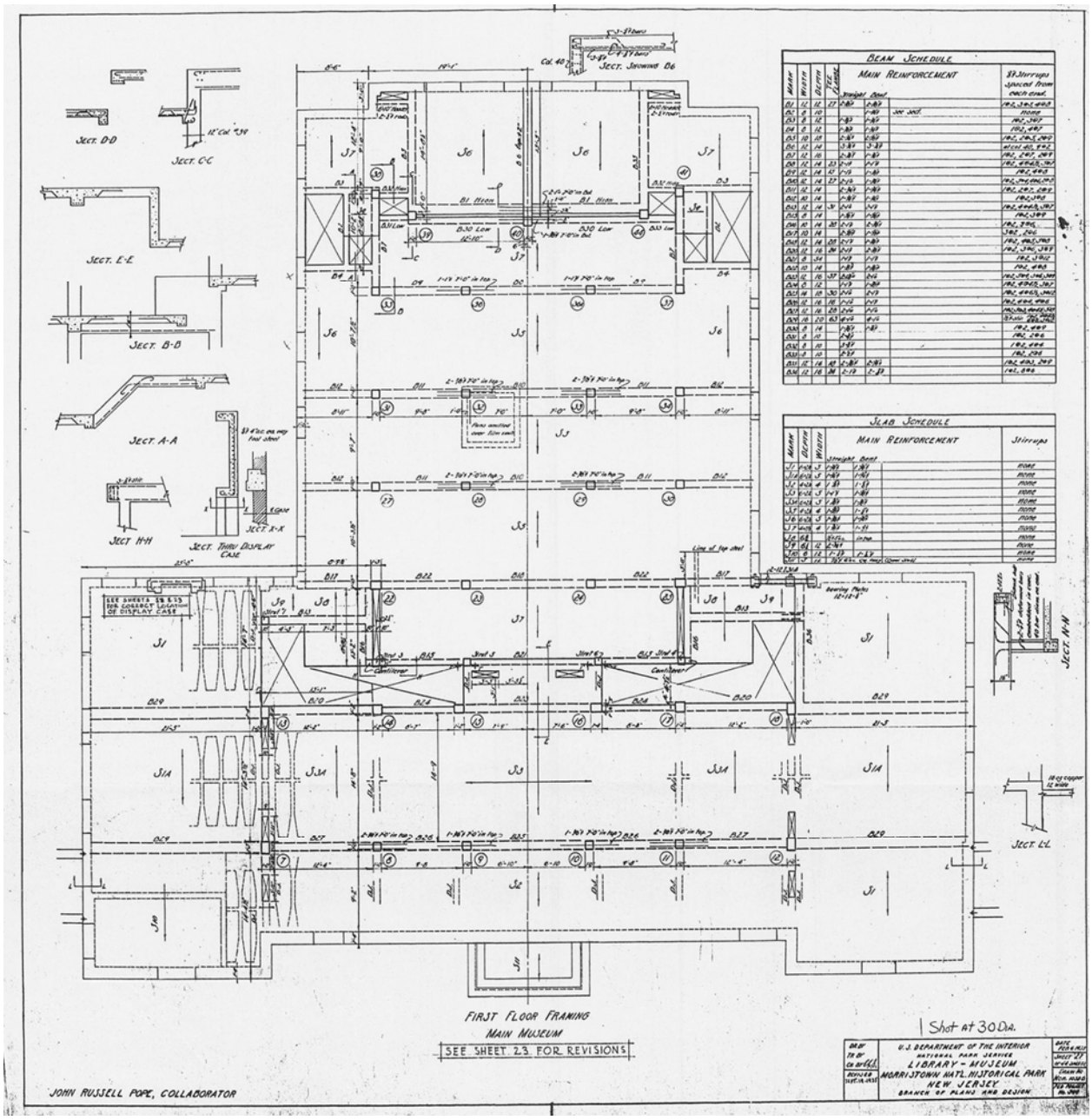
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN


BEAM SCHEDULE
MAIN REINFORCEMENT
SLAB SCHEDULE
MAIN REINFORCEMENT
SECT. D-D
SECT. C-C
SECT. E-E
SECT. B-B
SECT. A-A
SECT. H-H
SECT. THRU DISPLAY CASE
SECT. X-X
SECT. H-H
SECT. L-L
SEE SHEETS 2B & 2D FOR CORRECT LOCATION OF DISPLAY CASE
FIRST FLOOR FRAMING
MAIN MUSEUM
SEE SHEET 2.3 FOR REVISIONS
JOHN RUSSELL POPE, COLLABORATOR
1 Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
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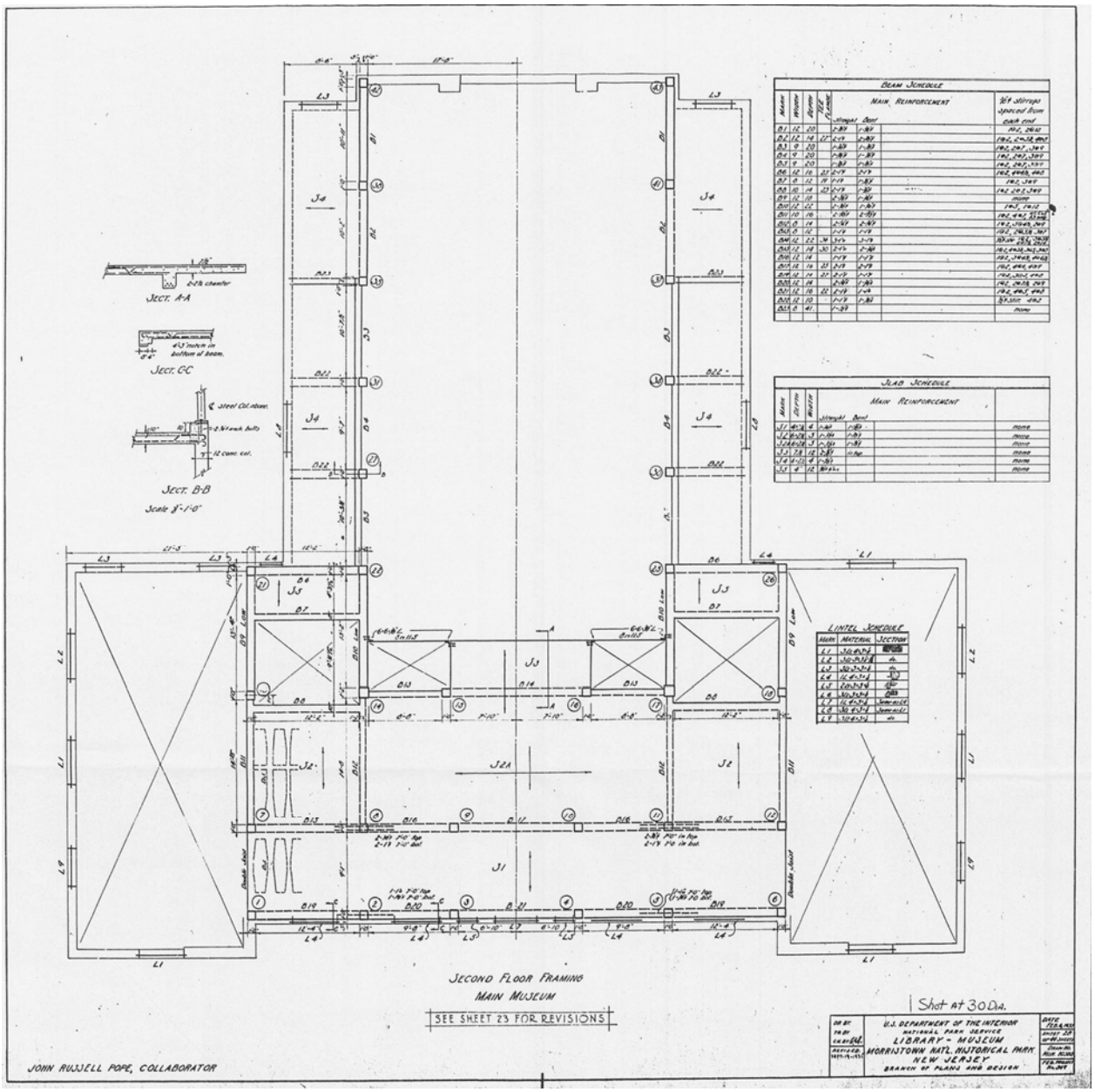
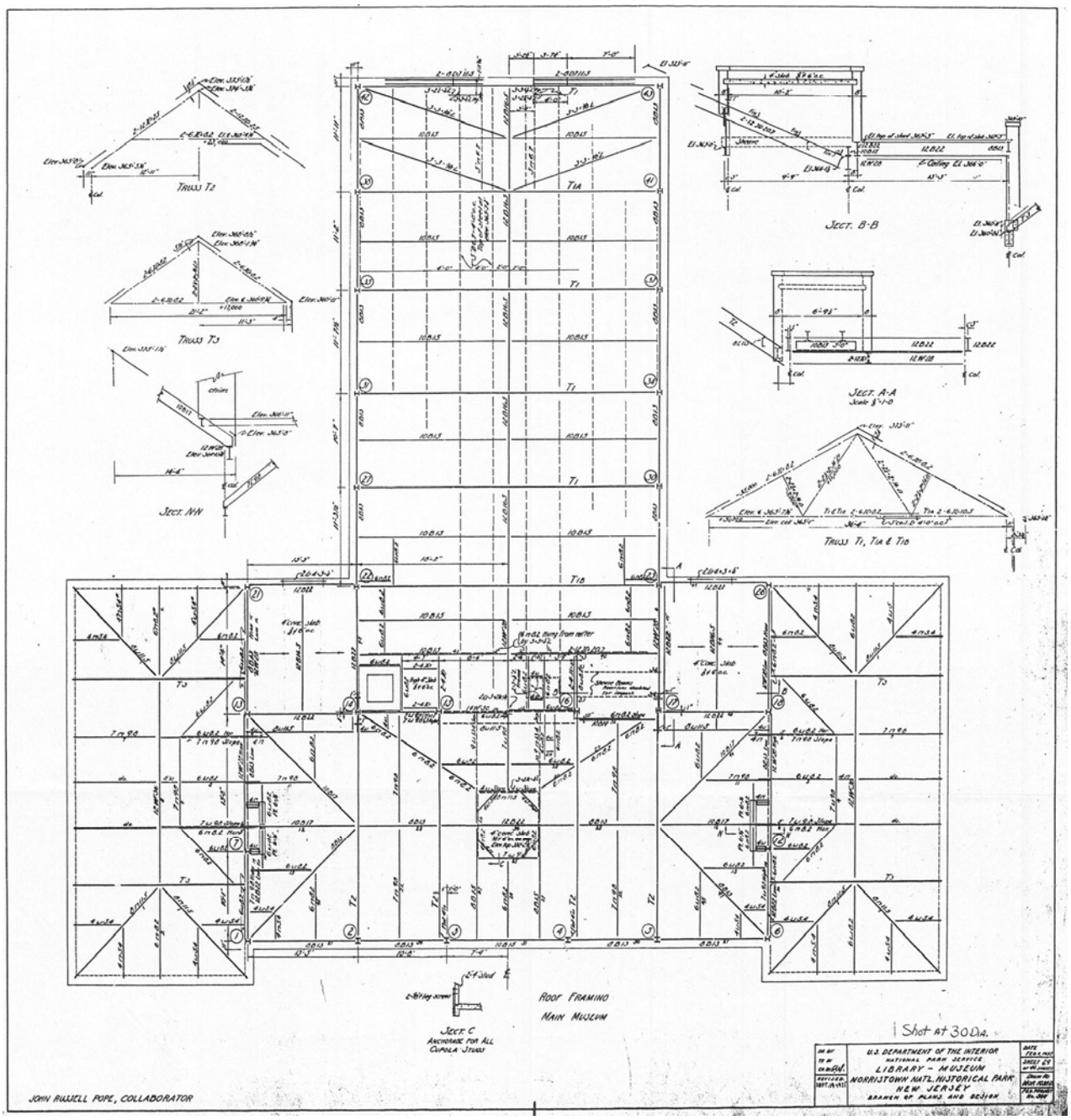
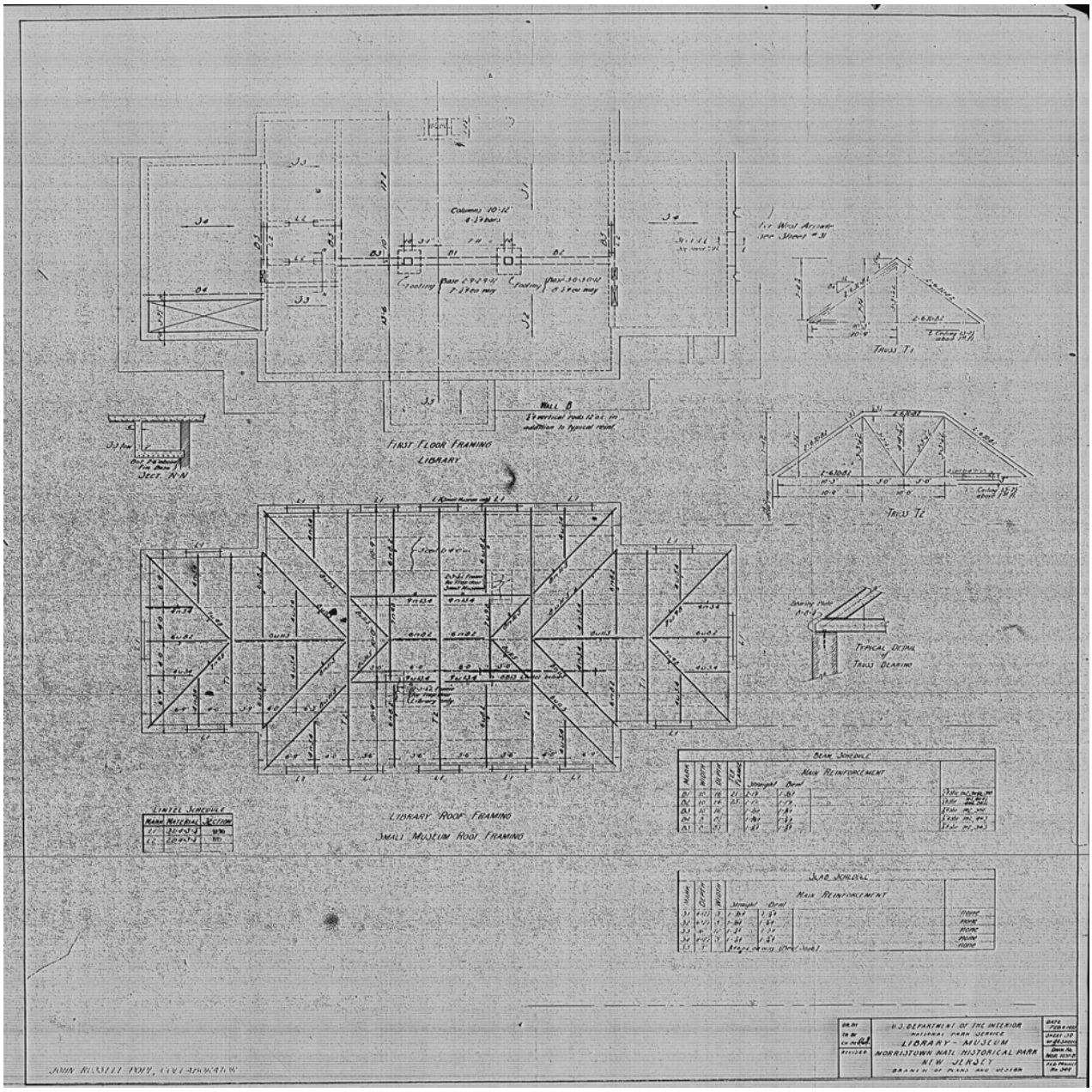
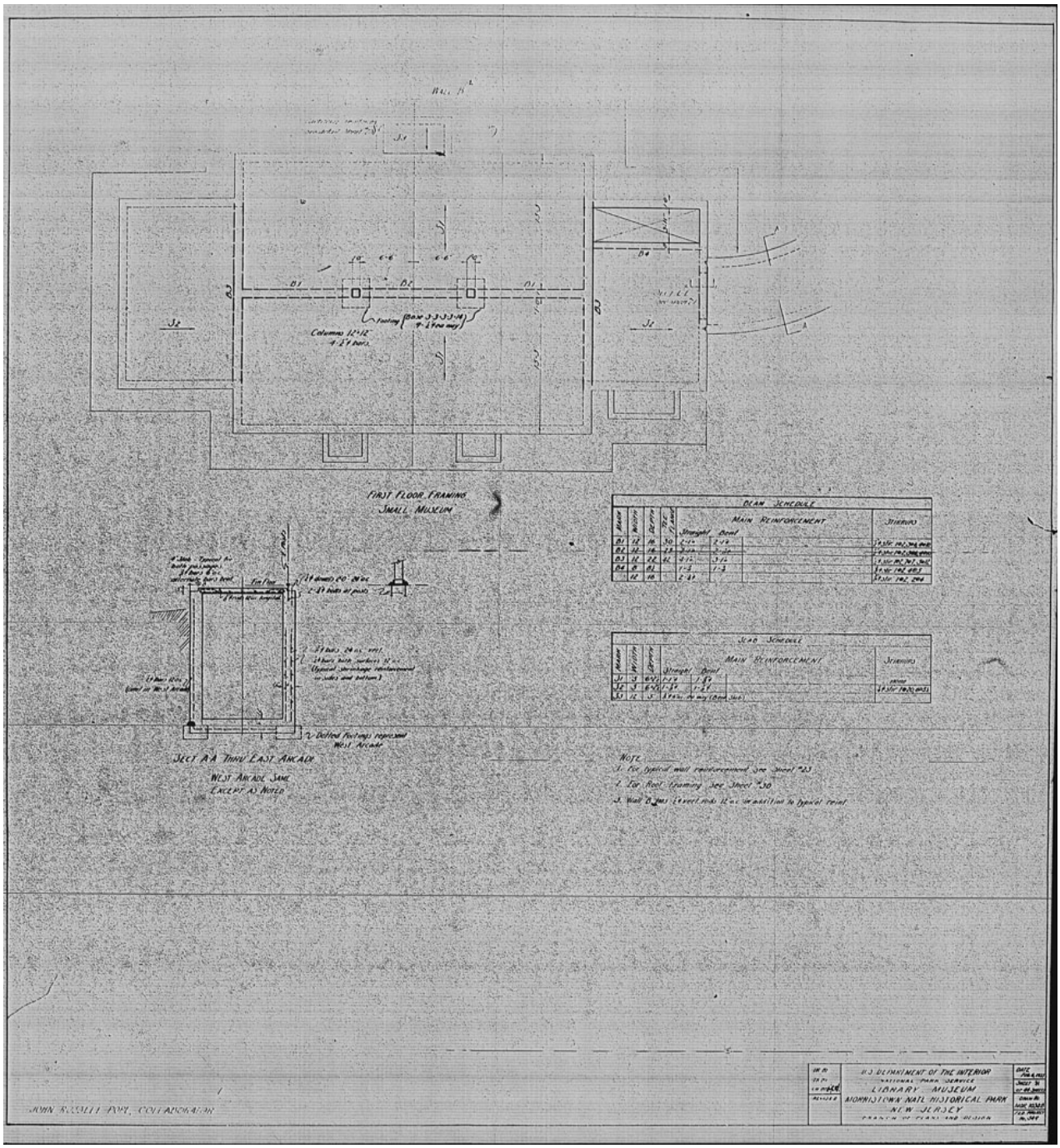
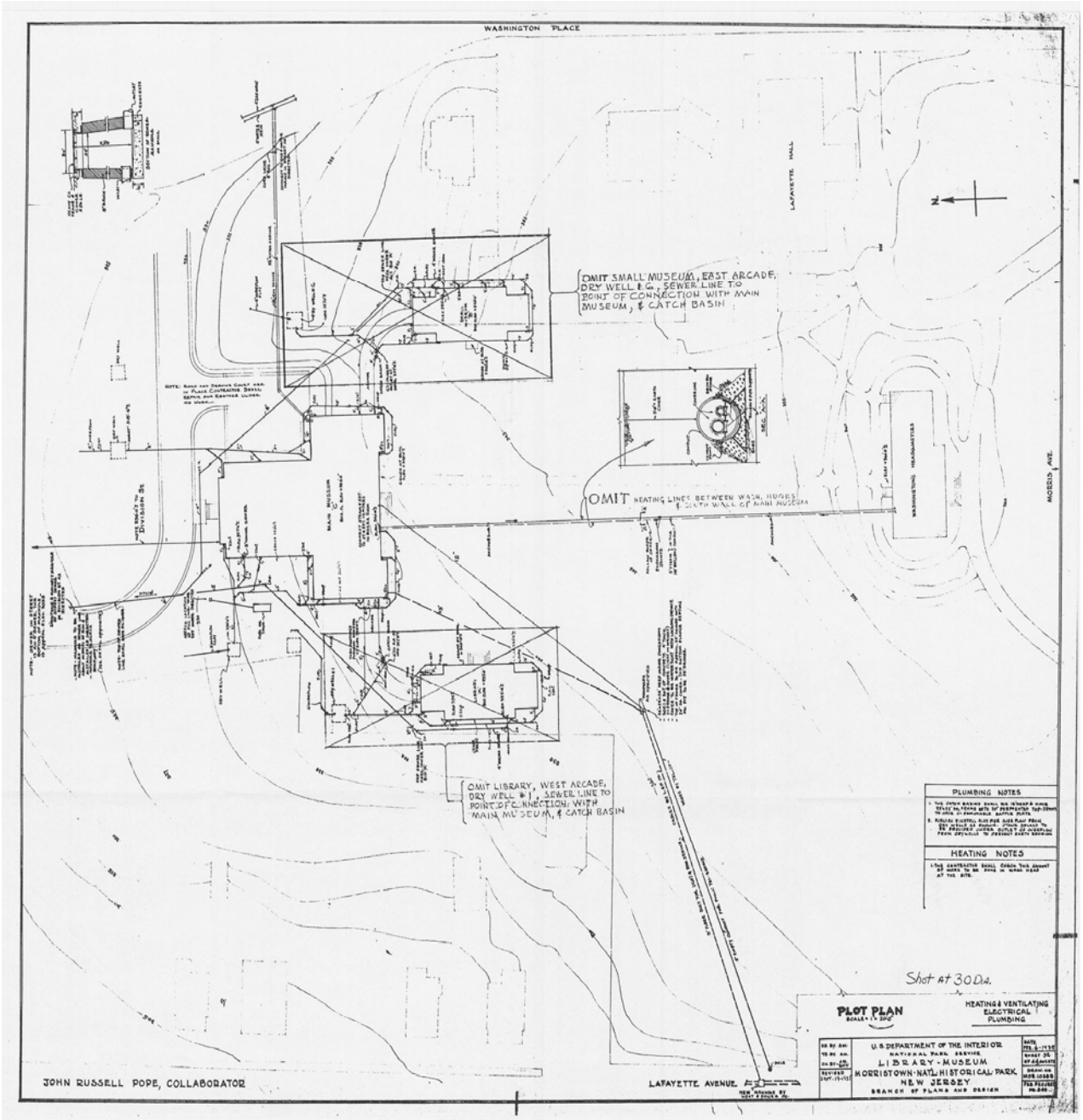
MORRISTOWN NAT'L HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN

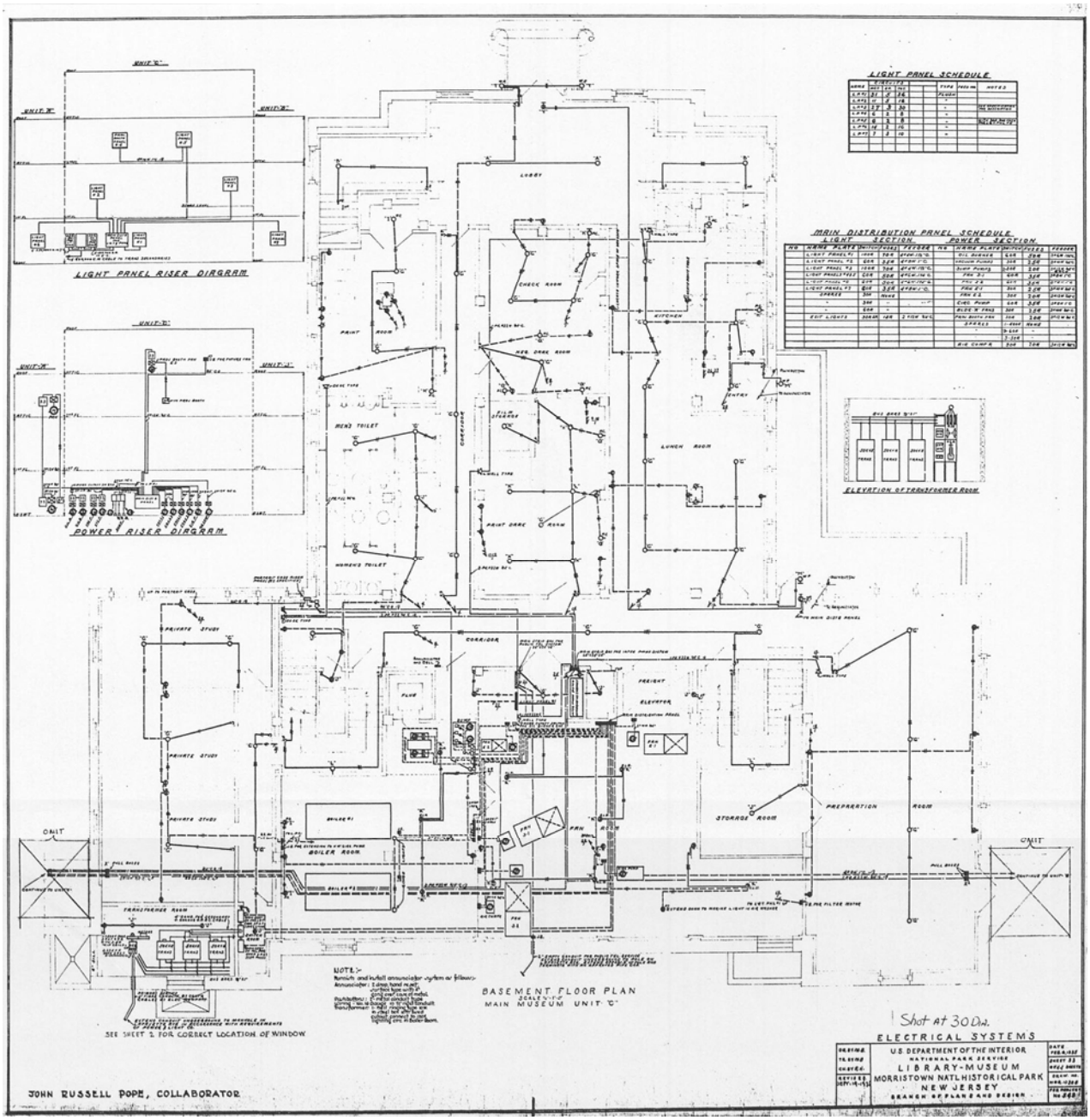

Beam Schedule
Main Reinforcement
Slab Schedule
Main Reinforcement
Lintel Schedule
Sect. A-A
Sect. C-C
Sect. B-B
Second Floor Framing
Main Museum
SEE SHEET 23 FOR REVISIONS
Shot at 30 Dia.
U.S. Department of the Interior
National Park Service
Library - Museum
Morristown Nat. Historical Park
New Jersey
Branch of Plans and Design
John Russell Pope, Collaborator

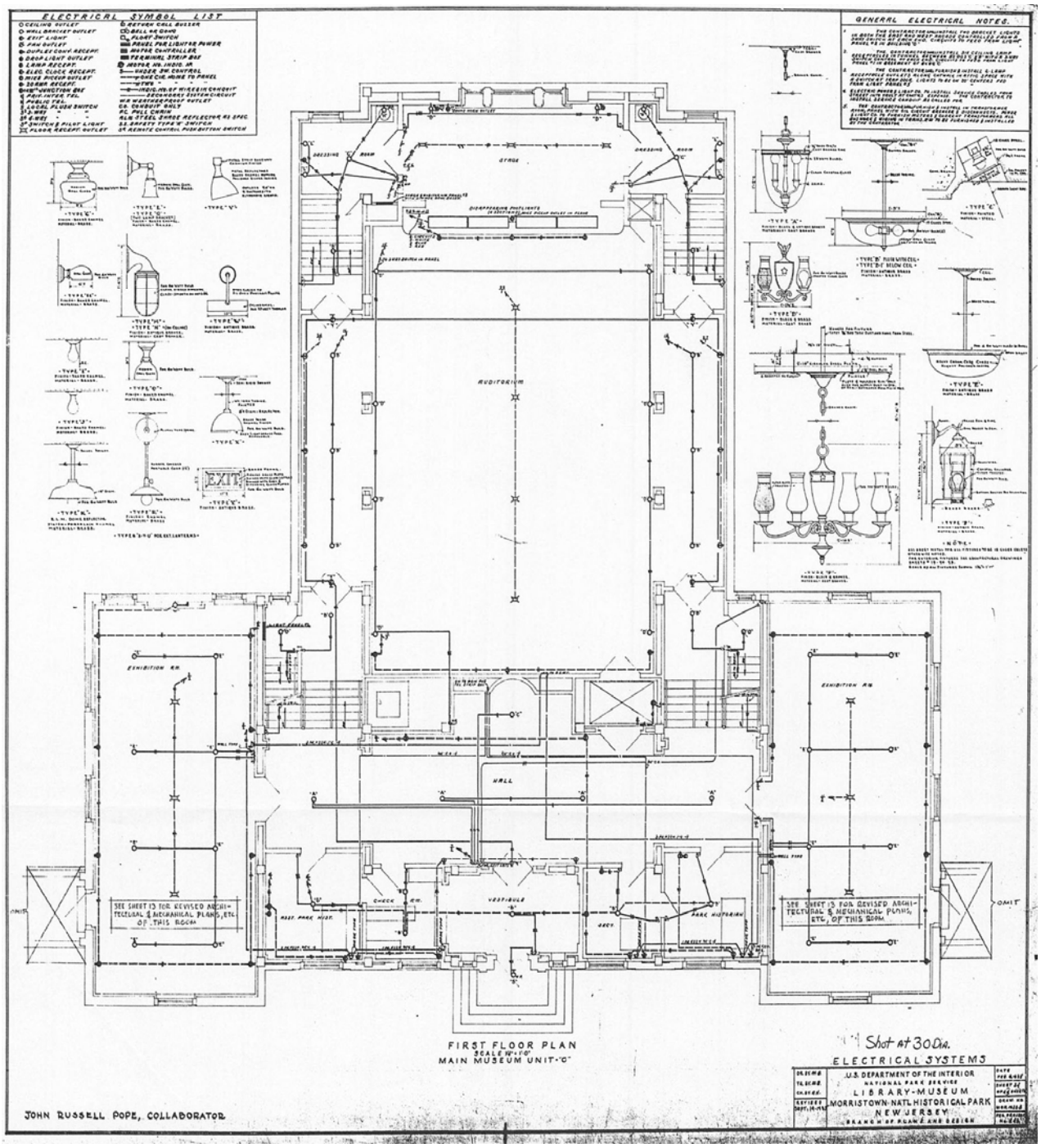

TRUSS T2
TRUSS T3
SECT. NW
SECT. B-B
SECT. A-A
TRUSS T1, T1A & T1B
ROOF FRAMING
MAIN MUSEUM
SECT. C
ANCHORAGE FOR ALL
CUPOLA STUDS
1 Shot at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY - MUSEUM
NORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

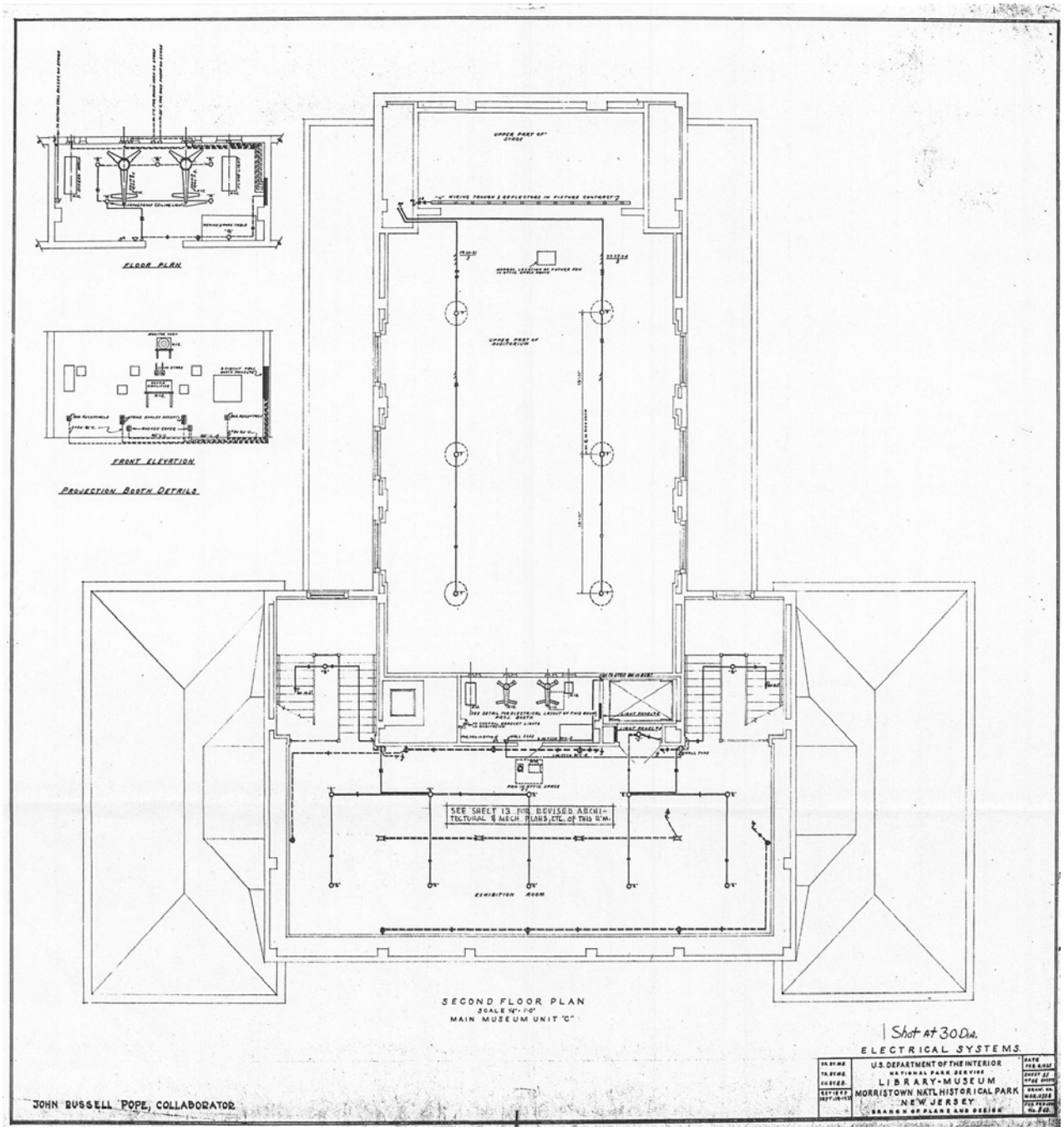

FIRST FLOOR FRAMING
LIBRARY
SECT. N-N
TRUSS T1
TRUSS T2
TYPICAL DETAIL OF TRUSS BEARING
LIBRARY ROOF FRAMING
SMALL MUSEUM ROOF FRAMING
BEAM SCHEDULE
MAIN REINFORCEMENT
LINTEL SCHEDULE
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY - MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
JOHN RUSSELL POPE, ARCHITECT

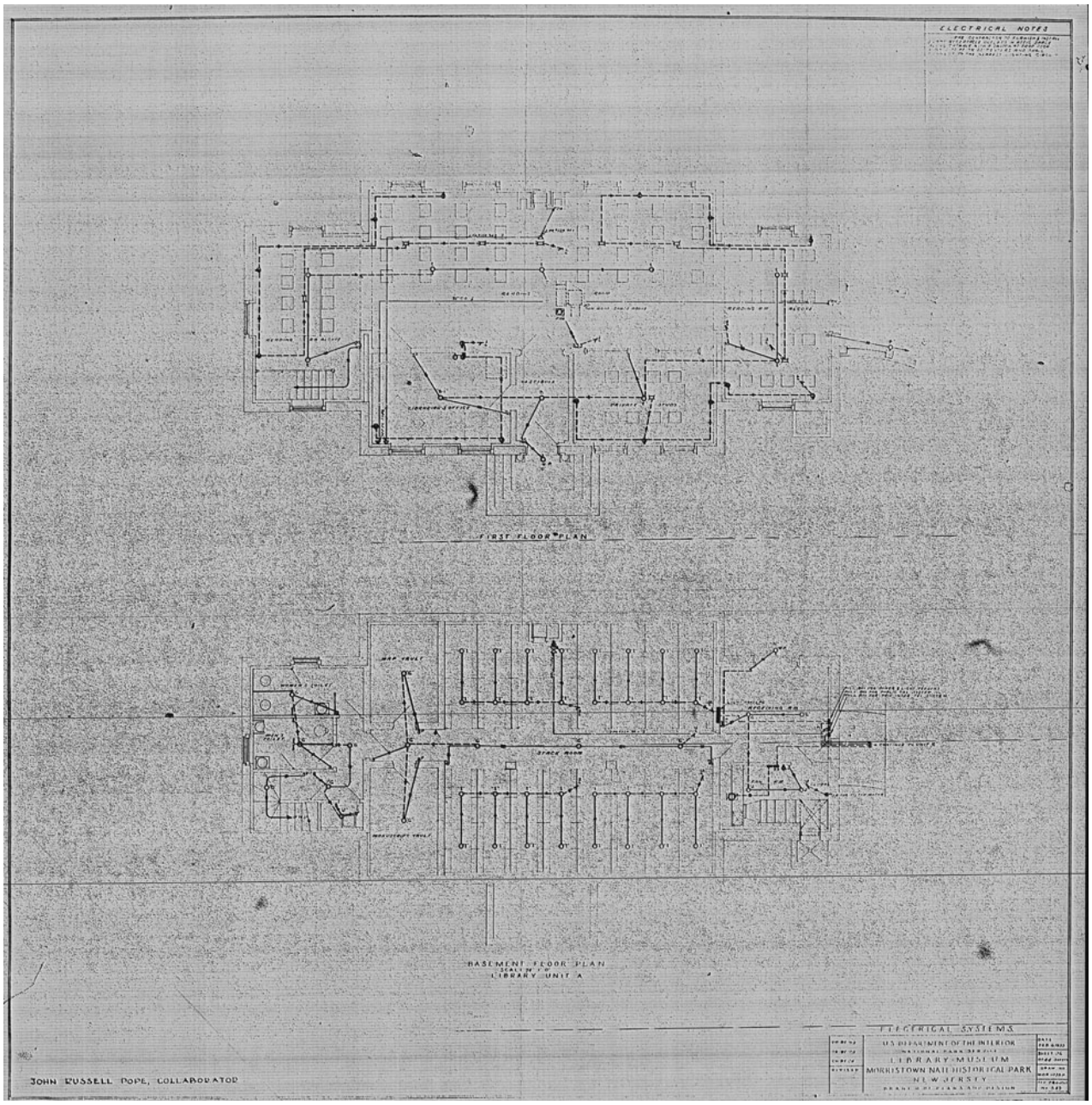

FIRST FLOOR FRAMING
SMALL MUSEUM
BEAM SCHEDULE
MAIN REINFORCEMENT
STIRRUPS
SLAB SCHEDULE
MAIN REINFORCEMENT
STIRRUPS
SECT A-A THRU EAST ARCADE
WEST ARCADE SAME
EXCEPT AS NOTED
NOTE
1. For typical wall reinforcement see sheet #23
2. For Roof framing see sheet #30
3. Wall 8 mas (sweet mas 12 u.c. in addition to typical reinf
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN

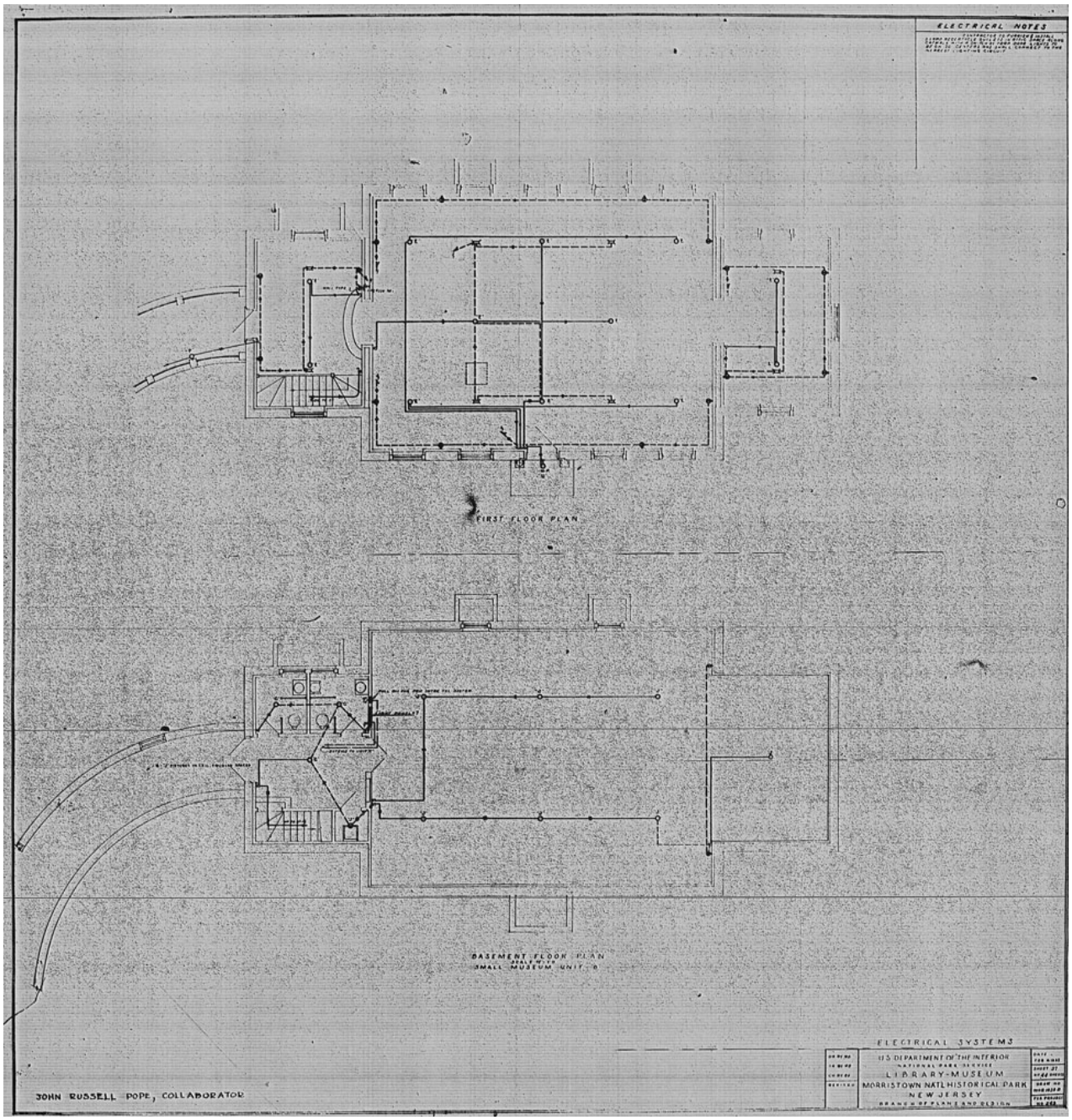

WASHINGTON PLACE
OMIT SMALL MUSEUM, EAST ARCADE, DRY WELL & G., SEWER LINE TO POINT OF CONNECTION WITH MAIN MUSEUM, & CATCH BASIN
OMIT HEATING LINES BETWEEN WASH. HOMES & SOUTH WALL OF MAIN MUSEUM
OMIT LIBRARY, WEST ARCADE, DRY WELL #1, SEWER LINE TO POINT OF CONNECTION WITH MAIN MUSEUM, & CATCH BASIN
LAFAYETTE HALL
WASHINGTON HEADQUARTERS
MORRIS AVE.
DIVISION ST.
MAIN MUSEUM
PLUMBING NOTES
HEATING NOTES
Shot at 30 Dia.
PLOT PLAN
HEATING & VENTILATING
ELECTRICAL
PLUMBING
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN-NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR
LAFAYETTE AVENUE

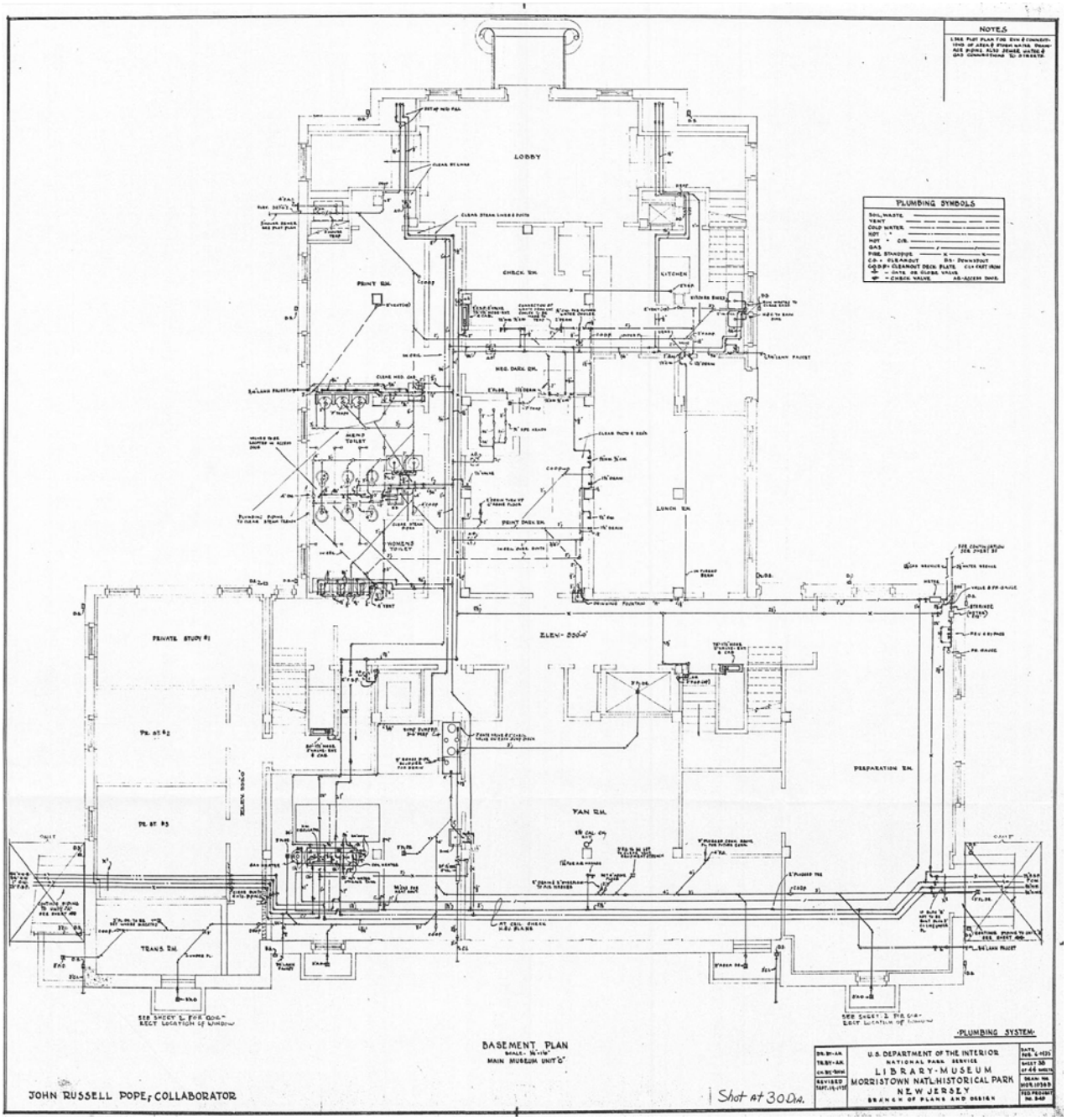

LIGHT PANEL SCHEDULE
MAIN DISTRIBUTION PANEL SCHEDULE
LIGHT SECTION
POWER SECTION
LIGHT PANEL RISER DIAGRAM
POWER RISER DIAGRAM
ELEVATION OF TRANSFORMER ROOM
LOBBY
CHECK ROOM
PAINT ROOM
MEN'S TOILET
WOMEN'S TOILET
CORRIDOR
KITCHEN
LUNCH ROOM
PRIVATE STUDY
FLOOR
FREIGHT ELEVATOR
BOILER ROOM
FAN ROOM
STORAGE ROOM
PREPARATION ROOM
UNIT
BASEMENT FLOOR PLAN
SCALE: 1/8"
MAIN MUSEUM UNIT "C"
SEE SHEET 2 FOR CORRECT LOCATION OF WINDOW
Shot at 30 Dia.
ELECTRICAL SYSTEMS
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

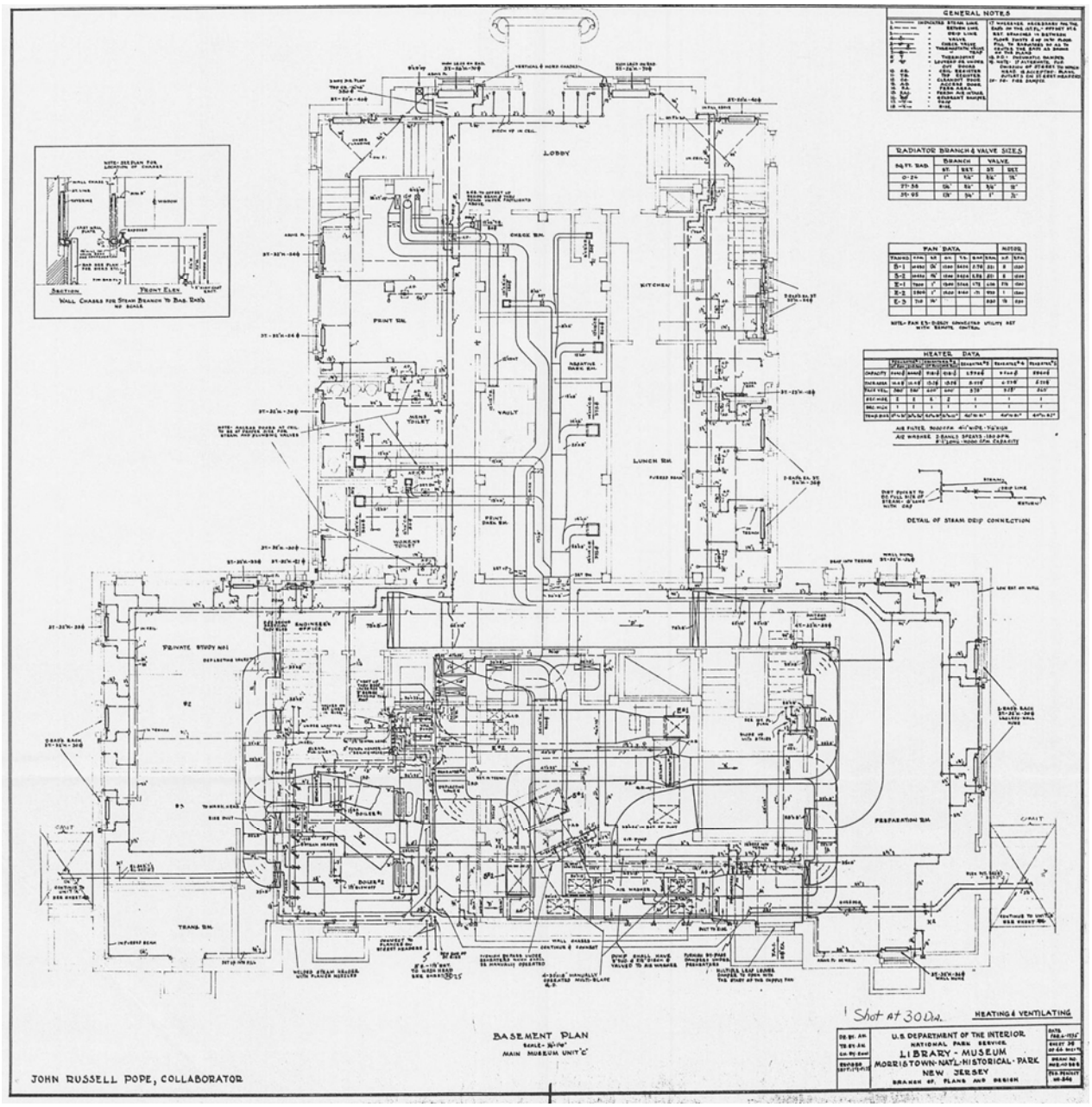

ELECTRICAL SYMBOL LIST
GENERAL ELECTRICAL NOTES.
STAGE
AUDITORIUM
HALL
VESTIBULE
EXHIBITION RM.
SEE SHEET 13 FOR REVISED ARCHITECTURAL & MECHANICAL PLANS, ETC. OF THIS ROOM
OMIT
FIRST FLOOR PLAN
SCALE 1/8" = 1'-0"
MAIN MUSEUM UNIT "C"
Shot at 30 Dia.
ELECTRICAL SYSTEMS
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN-NATL.HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS & DESIGN
JOHN RUSSELL POPE, COLLABORATOR

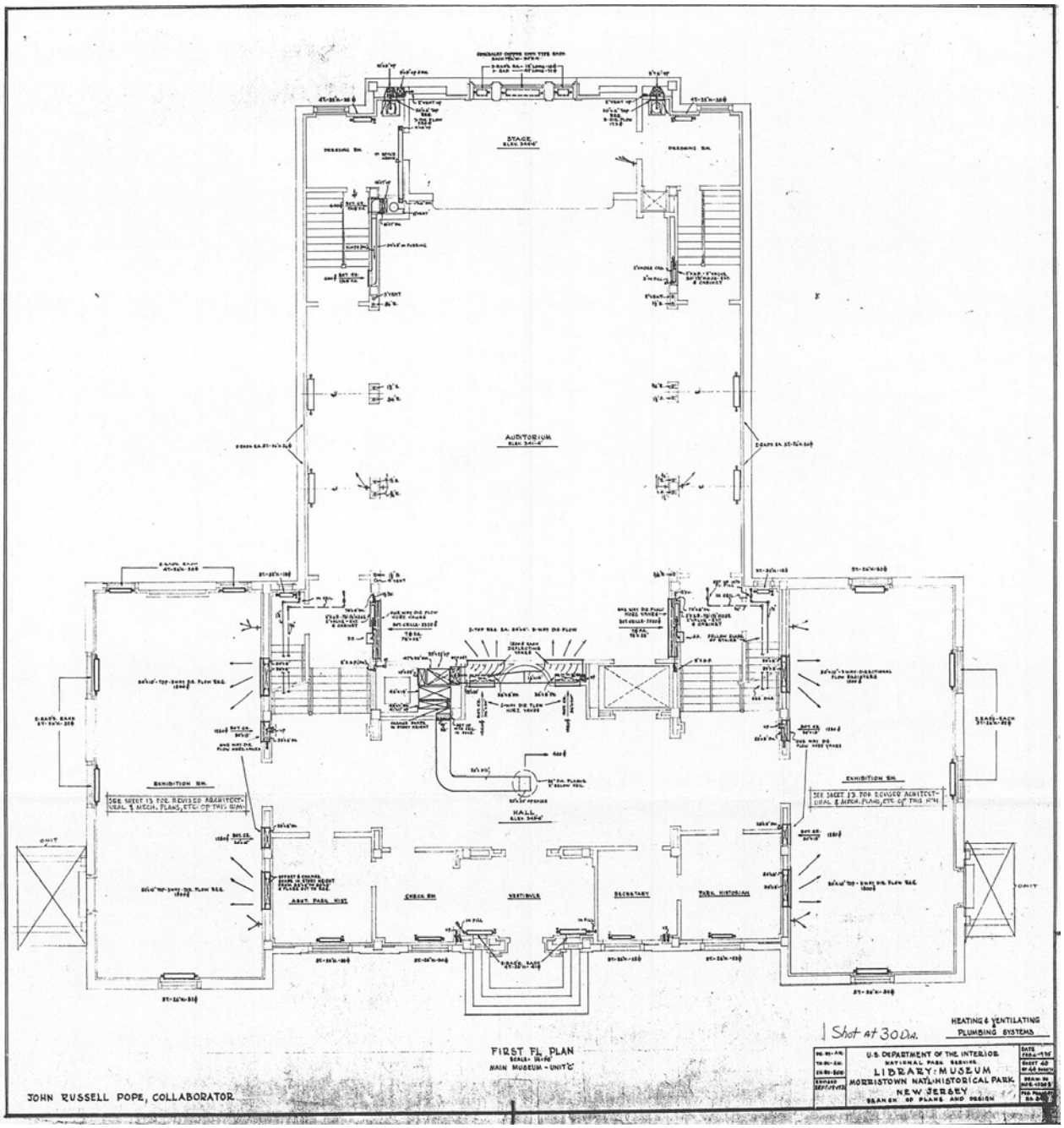

FLOOR PLAN
FRONT ELEVATION
PROJECTION BOOTH DETAILS
UPPER PART OF STAGE
LOWER PART OF AUDITORIUM
SEE SHEET 13 FOR REVISED ARCHITECTURAL & MECH PLANS, ETC. OF THIS BLDG.
EXHIBITION ROOM
SECOND FLOOR PLAN
SCALE 1/4" = 1'-0"
MAIN MUSEUM UNIT "C"
Shot at 30 Dia.
ELECTRICAL SYSTEMS.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

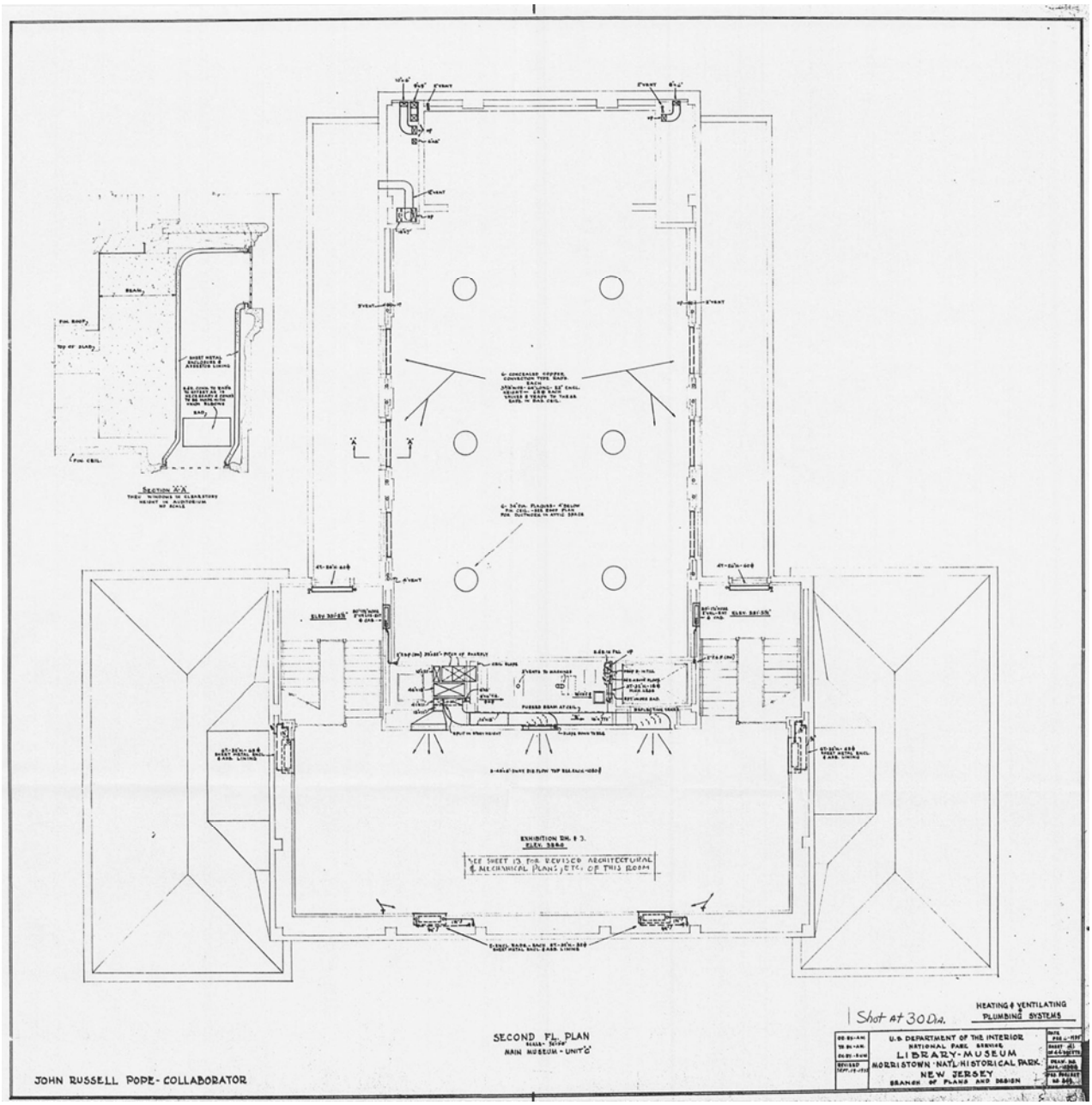

ELECTRICAL NOTES
FIRST FLOOR PLAN
BASEMENT FLOOR PLAN
LIBRARY UNIT A
ELECTRICAL SYSTEMS
U.S. DEPARTMENT OF THE INTERIOR
LIBRARY-MUSEUM
MORRISTOWN NATIONAL HISTORICAL PARK
NEW JERSEY
JOHN RUSSELL POPE, COLLABORATOR

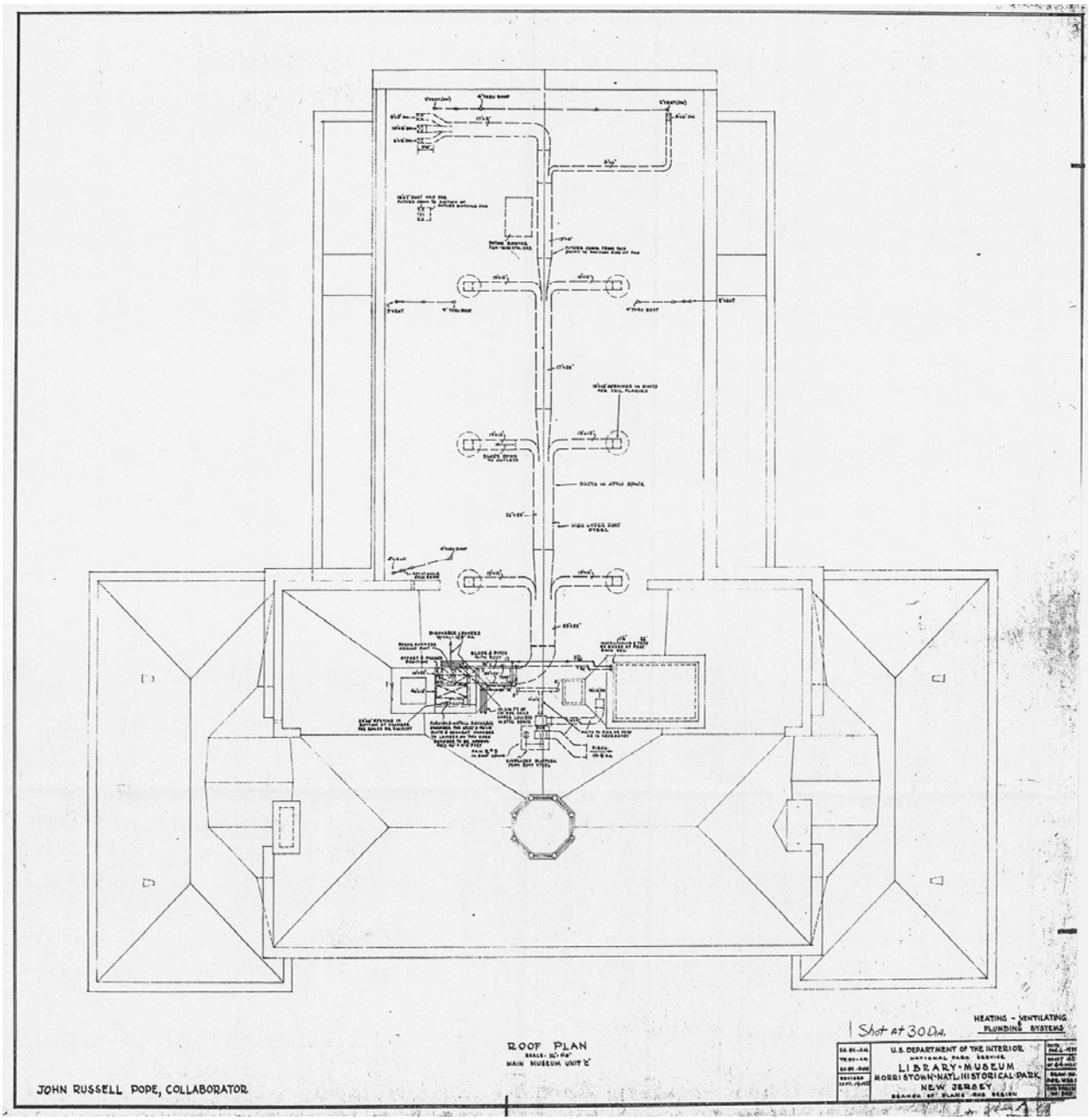

ELECTRICAL NOTES
FIRST FLOOR PLAN
BASEMENT FLOOR PLAN
SMALL MUSEUM UNIT B
ELECTRICAL SYSTEMS
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

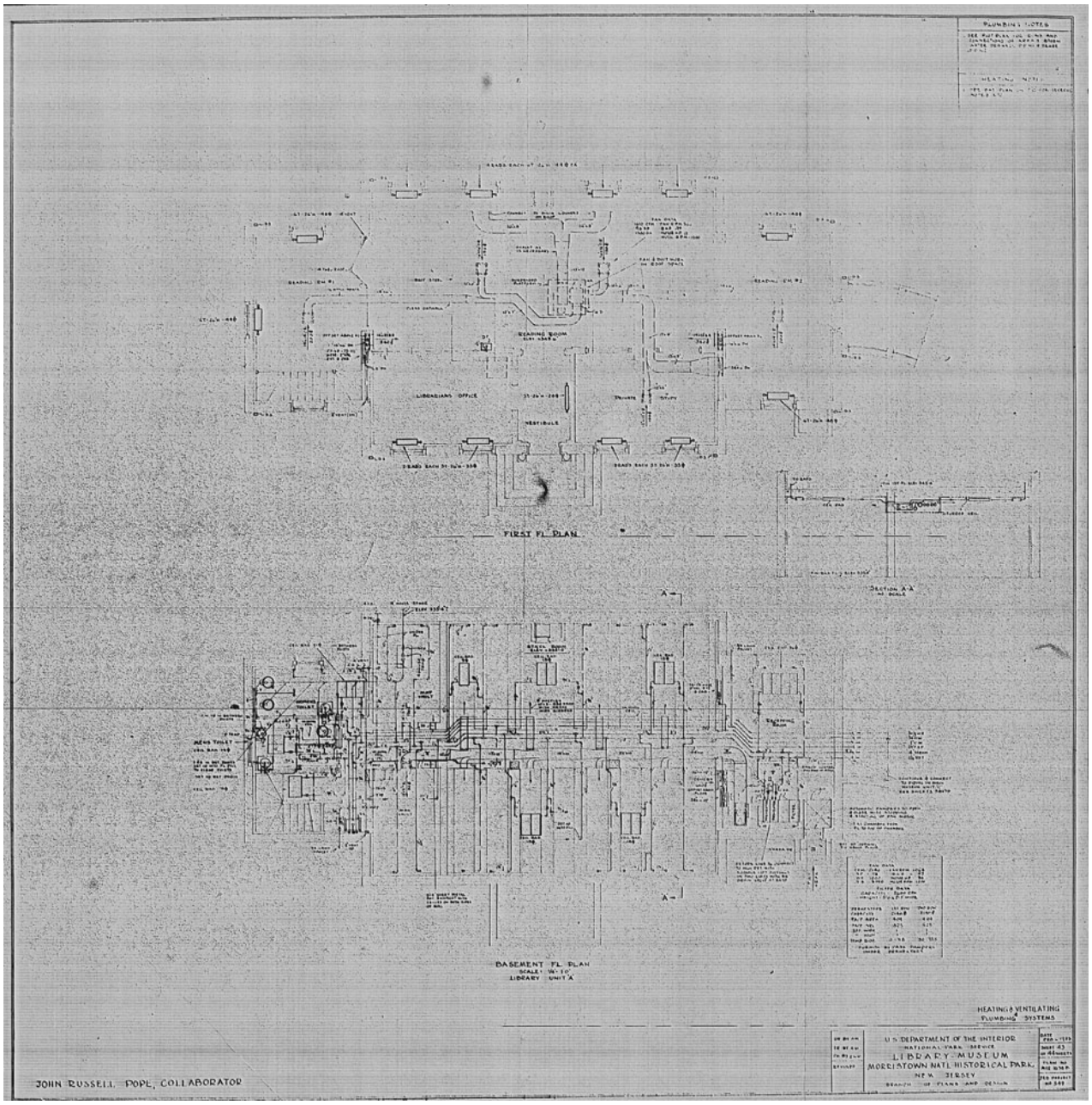

NOTES
PLUMBING SYMBOLS
LOBBY
CHECK RM.
KITCHEN
PRINT RM.
MEN'S TOILET
WOMEN'S TOILET
LUNCH RM.
PRIVATE STUDY #1
ELEV. 300'-0"
PREPARATION RM.
FAN RM.
TRANS RM.
BASEMENT PLAN
MAIN MUSEUM UNIT 'D'
JOHN RUSSELL POPE, COLLABORATOR
Shot at 300 d.
-PLUMBING SYSTEM-
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN

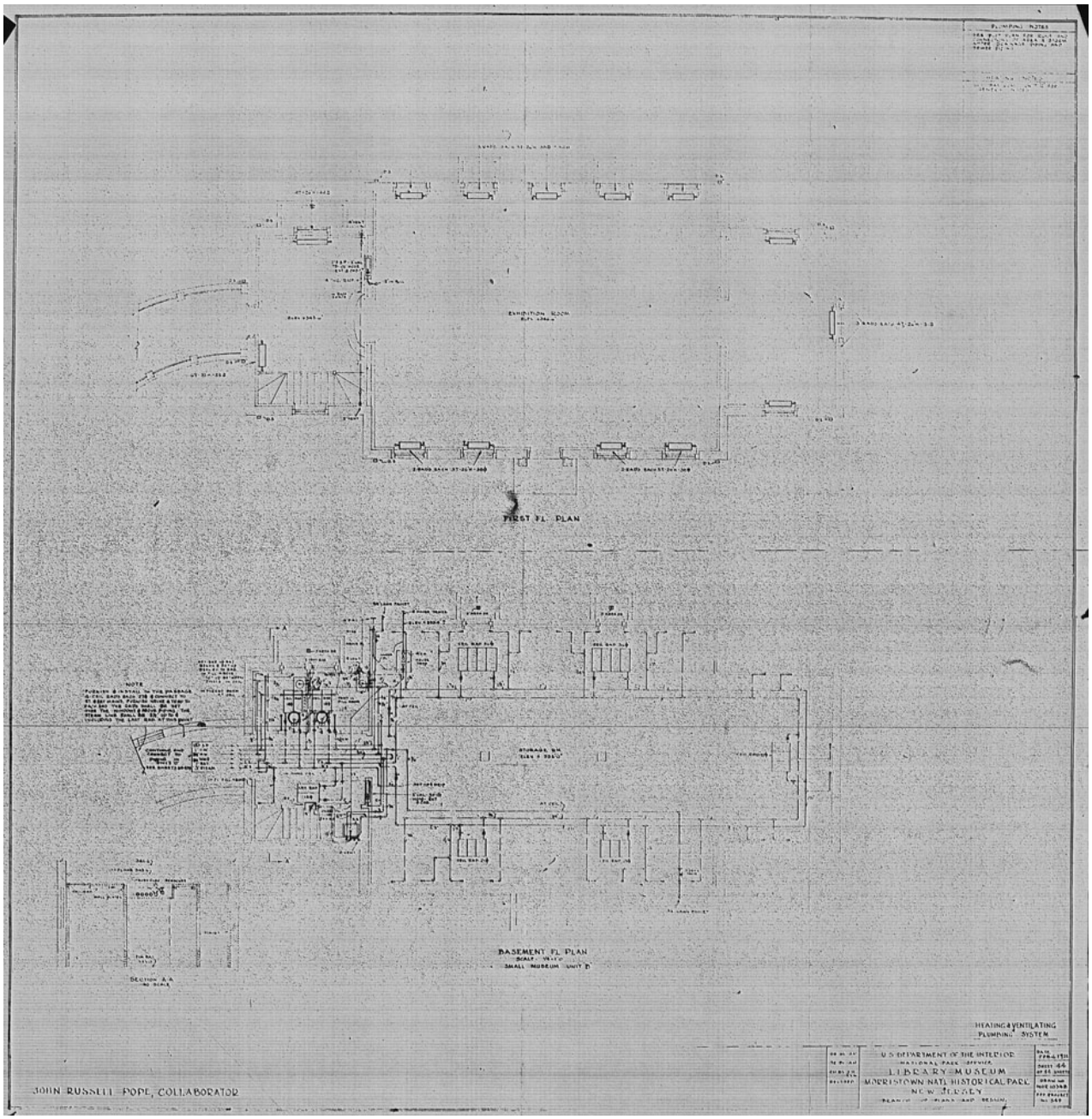

GENERAL NOTES
RADIATOR BRANCH & VALVE SIZES
FAN DATA
HEATER DATA
DETAIL OF STEAM DRIP CONNECTION
LOBBY
KITCHEN
LUNCH RM.
PRINT RM.
VAULT
PRIVATE STUDY NO 1
PREPARATION RM.
TRANS. RM.
BASEMENT PLAN
SCALE - 30'-0"
MAIN MUSEUM UNIT 'C'
Shot at 30 Dia.
HEATING & VENTILATING
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY - MUSEUM
MORRISTOWN NAT'L HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

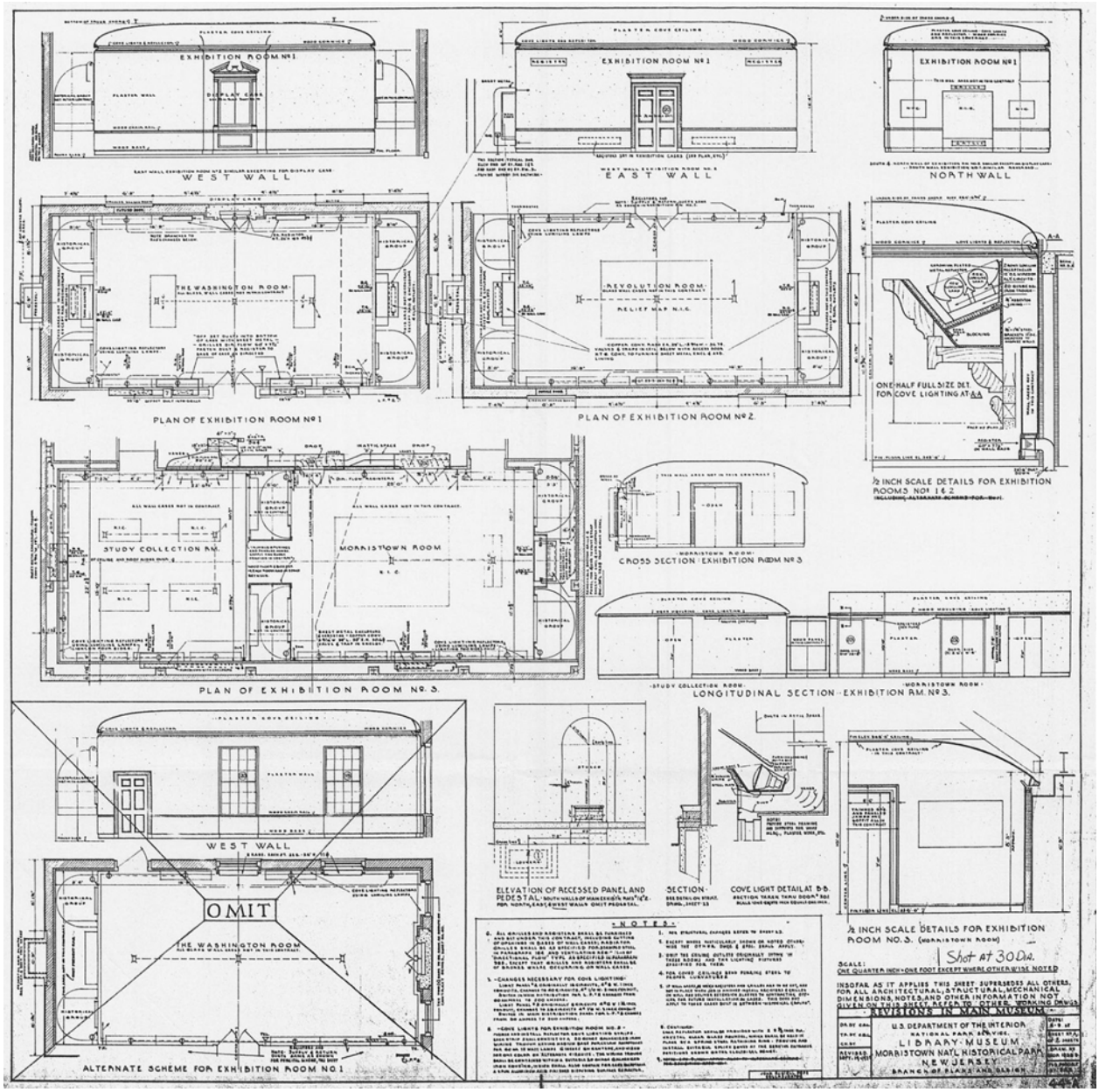

STAGE
AUDITORIUM
HALL
EXHIBITION RM.
EXHIBITION RM.
SEE SHEET 13 FOR REVISED ARCHITECTURAL & MECH. PLANS, ETC. OF THIS RM.
SEE SHEET 13 FOR REVISED ARCHITECTURAL & MECH. PLANS, ETC. OF THIS RM.
CHECK RM.
VESTIBULE
SECRETARY
PARK HISTORIAN
ASST. PARK HIST.
UNIT
UNIT
1 Shot at 30 Dia.
HEATING & VENTILATING
PLUMBING SYSTEMS
FIRST FL. PLAN
SCALE: 1/8"=1'0"
MAIN MUSEUM - UNIT "C"
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY: MUSEUM
MORRISTOWN NAT'L HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE, COLLABORATOR

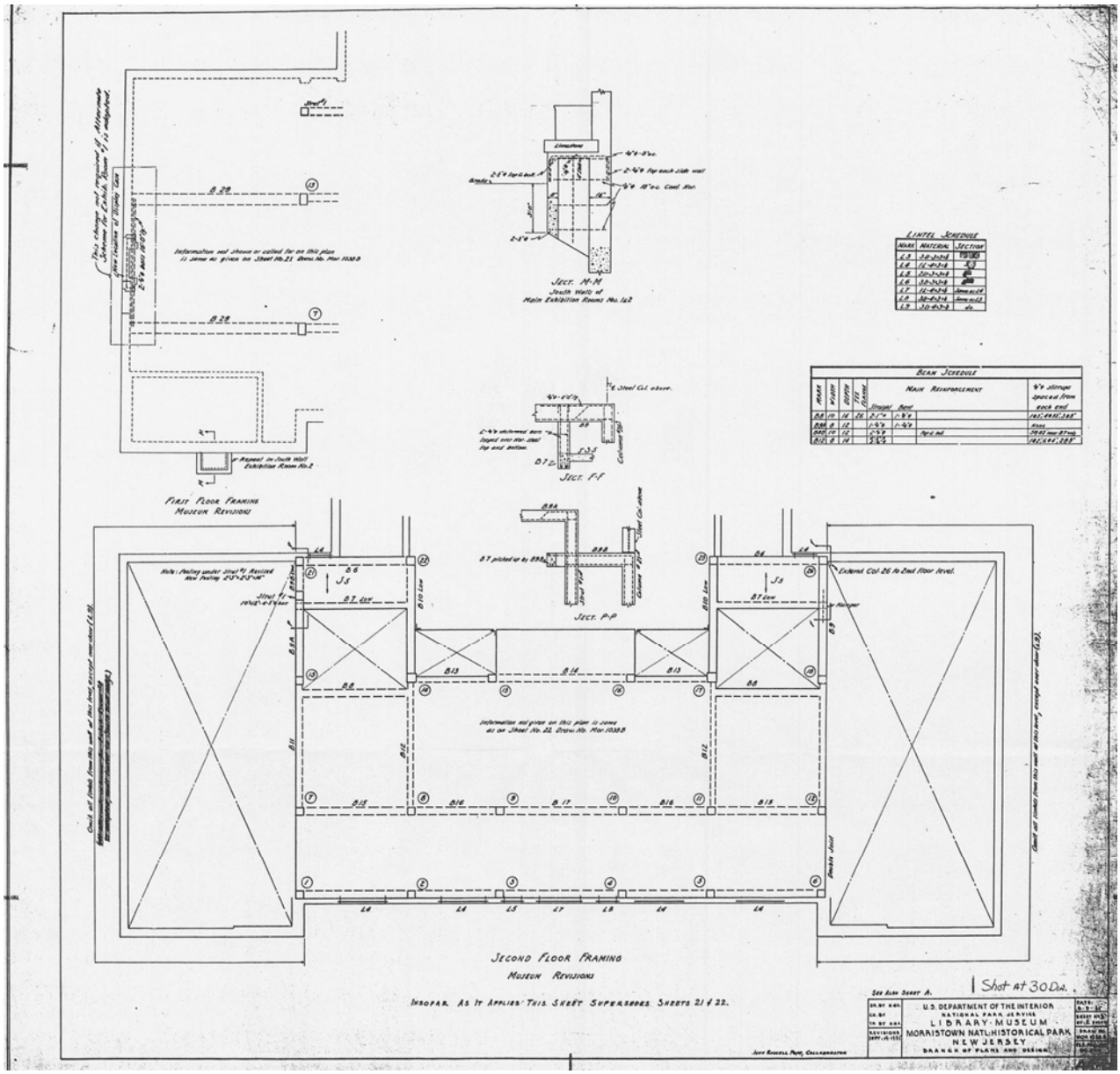

SECTION X-X
EXHIBITION RM. # 3.
SEE SHEET 13 FOR REVISED ARCHITECTURAL & MECHANICAL PLANS, ETC. OF THIS ROOM
Shot at 30 Dia.
HEATING & VENTILATING & PLUMBING SYSTEMS
SECOND FL PLAN
MAIN MUSEUM - UNIT 'C'
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
JOHN RUSSELL POPE - COLLABORATOR

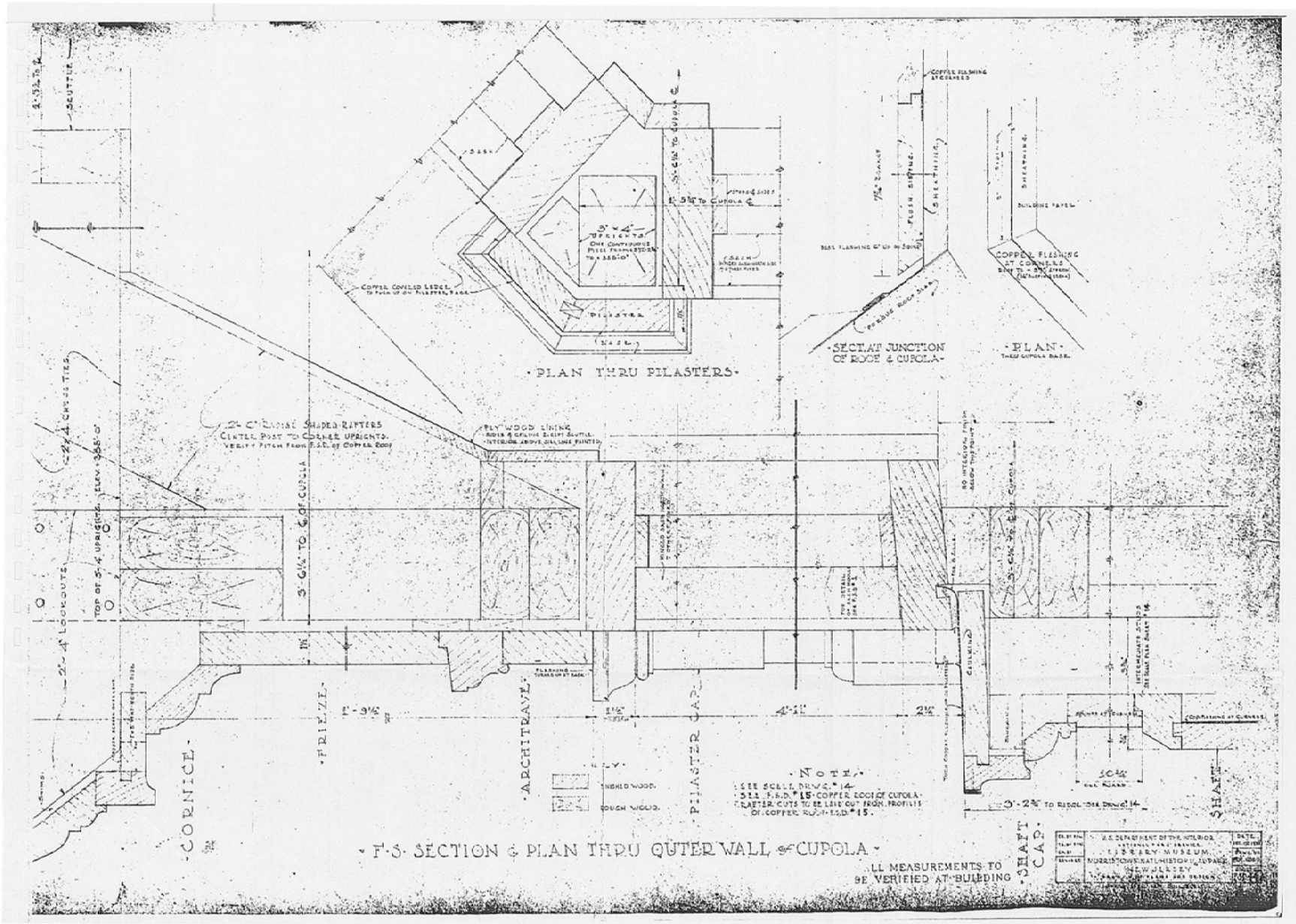

1 Shot at 30 Dia.
HEATING - VENTILATING
PLUMBING SYSTEMS
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY - MUSEUM
MORRISTOWN NAT'L HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN
ROOF PLAN
MAIN MUSEUM UNIT 'E'
JOHN RUSSELL POPE, COLLABORATOR

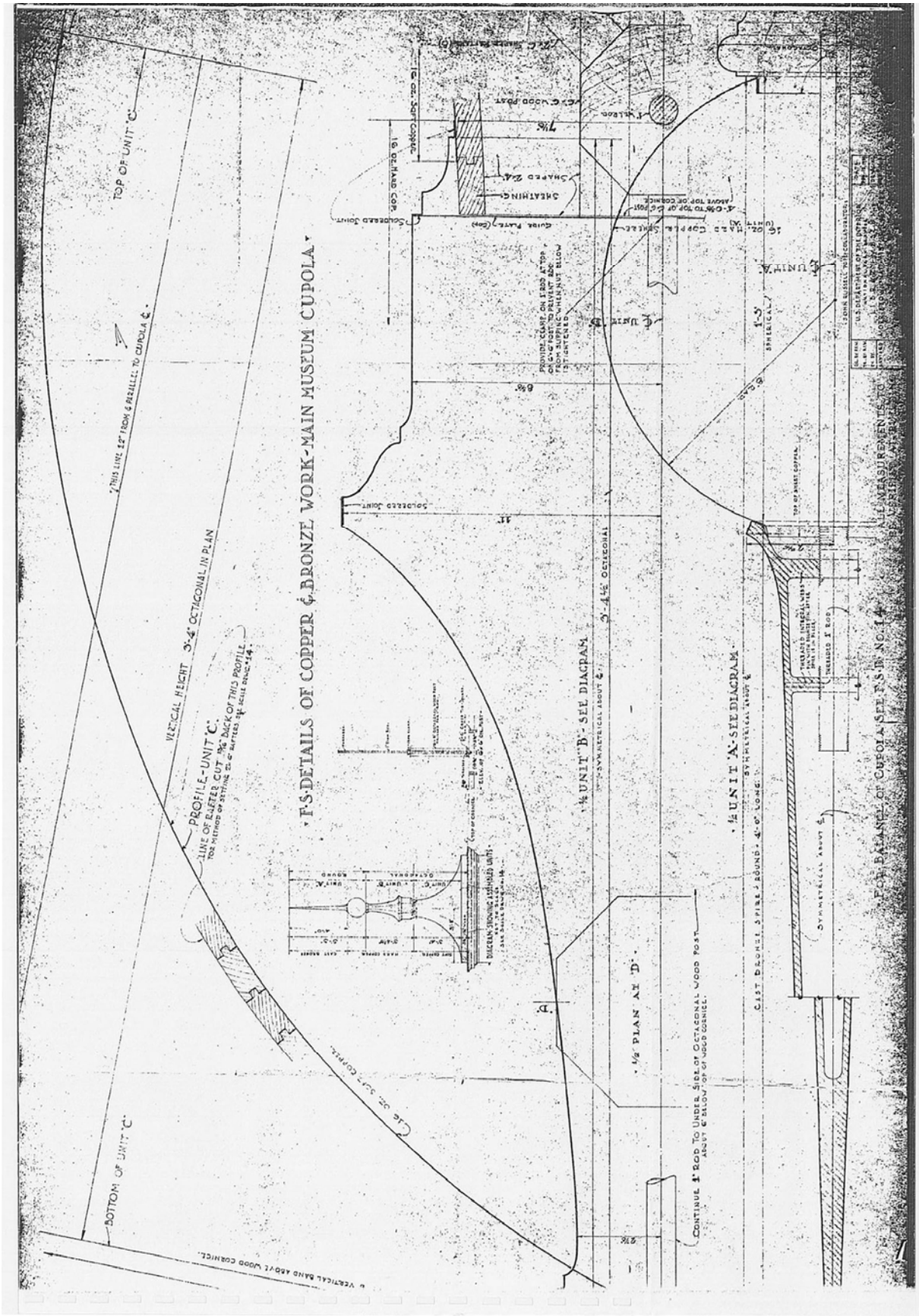

PLUMBING NOTES
READING ROOM
LIBRARIANS OFFICE
VESTIBULE
FIRST FL. PLAN
SECTION A-A
MENS TOILET
BASEMENT FL. PLAN
SCALE: 1/4"=1'0"
LIBRARY UNIT 'A'
HEATING & VENTILATING
PLUMBING SYSTEMS
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK.
NEW JERSEY
JOHN RUSSELL POPE, COLLABORATOR


EXHIBITION ROOM
FIRST FL. PLAN
BASEMENT FL. PLAN
SECTION A-A
HEATING & VENTILATING
PLUMBING SYSTEM
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
JOHN RUSSELL POPE, COLLABORATOR


EXHIBITION ROOM Nº1
WEST WALL
EAST WALL
NORTH WALL
PLAN OF EXHIBITION ROOM Nº1
PLAN OF EXHIBITION ROOM Nº2
THE WASHINGTON ROOM
REVOLUTION ROOM
RELIEF MAP N.J.C.
ONE-HALF FULL SIZE DET. FOR COVE LIGHTING AT AA
½ INCH SCALE DETAILS FOR EXHIBITION ROOMS Nos 1 & 2
STUDY COLLECTION RM.
MORRISTOWN ROOM
CROSS SECTION EXHIBITION ROOM Nº 3
PLAN OF EXHIBITION ROOM Nº 3.
LONGITUDINAL SECTION - EXHIBITION RM. Nº 3.
OMIT
ALTERNATE SCHEME FOR EXHIBITION ROOM Nº 1
ELEVATION OF RECESSED PANEL AND PEDESTAL
SECTION
COVE LIGHT DETAIL AT B-B
½ INCH SCALE DETAILS FOR EXHIBITION ROOM NO. 3. (MORRISTOWN ROOM)
Shot at 30 Dia.
SCALE: ONE QUARTER INCH = ONE FOOT EXCEPT WHERE OTHERWISE NOTED
INSOFAR AS IT APPLIES THIS SHEET SUPERSEDES ALL OTHERS FOR ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL DIMENSIONS, NOTES, AND OTHER INFORMATION NOT GIVEN ON THIS SHEET REFER TO OTHER WORKING DRWGS.
REVISIONS IN MAIN MUSEUM
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN


First Floor Framing
Museum Revisions
Sect. M-M
South Wall of
Main Exhibition Rooms No. 1&2
Lintel Schedule
Beam Schedule
Sect. F-F
Sect. P-P
Second Floor Framing
Museum Revisions
Information not shown or called for on this plan is same as given on Sheet No. 21 Dwg. No. Mor 1030 B
Information not given on this plan is same as on Sheet No. 22 Dwg. No. Mor 1030 B
Extend Col. 26 to 2nd floor level.
See also Sheet A.
1 Sheet at 30 Dia.
U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
LIBRARY-MUSEUM
MORRISTOWN NATL. HISTORICAL PARK
NEW JERSEY
BRANCH OF PLANS AND DESIGN

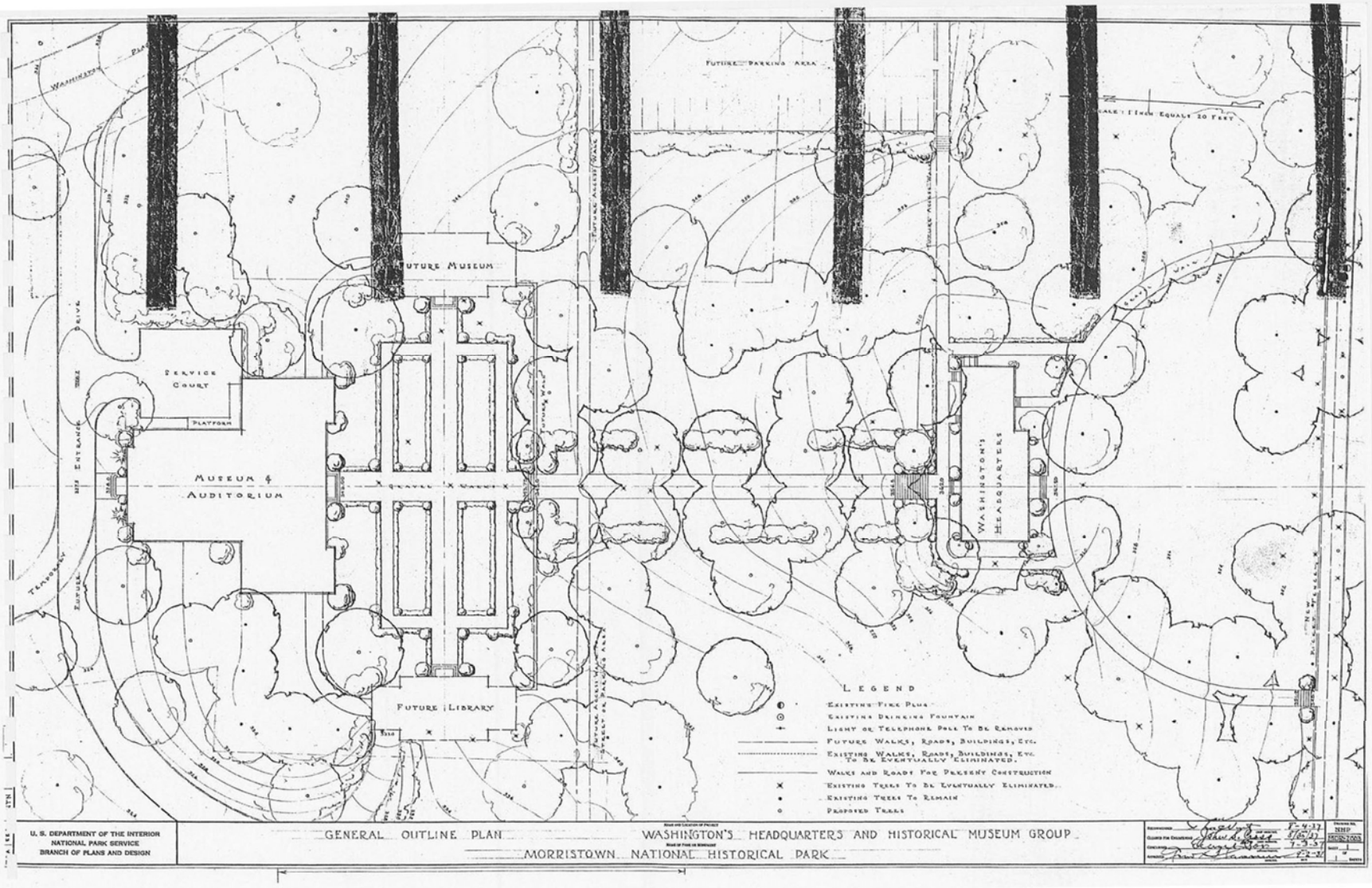

PLAN THRU PILASTERS
SECT. AT JUNCTION OF ROOF & CUPOLA
PLAN
COPPER FLASHING AT CORNERS
COPPER COVERED LEDGE
PLY WOOD LINING
CORNICE
FRIEZE
ARCHITRAVE
PILASTER CAP
SHAFT CAP
SCUTTLE
NOTE
SEE SCALE DRWG. #14
SEE F.S.D. #15 COPPER ROOF OF CUPOLA
PLASTER CUTS TO BE LAID OUT FROM PROFILES OF COPPER ROOF F.S.D. #15
F.S. SECTION & PLAN THRU OUTER WALL OF CUPOLA
ALL MEASUREMENTS TO BE VERIFIED AT BUILDING
U.S. DEPARTMENT OF THE INTERIOR
LIBRARY MUSEUM
MORRISTOWN NAT. HISTORICAL PARK
NEW JERSEY

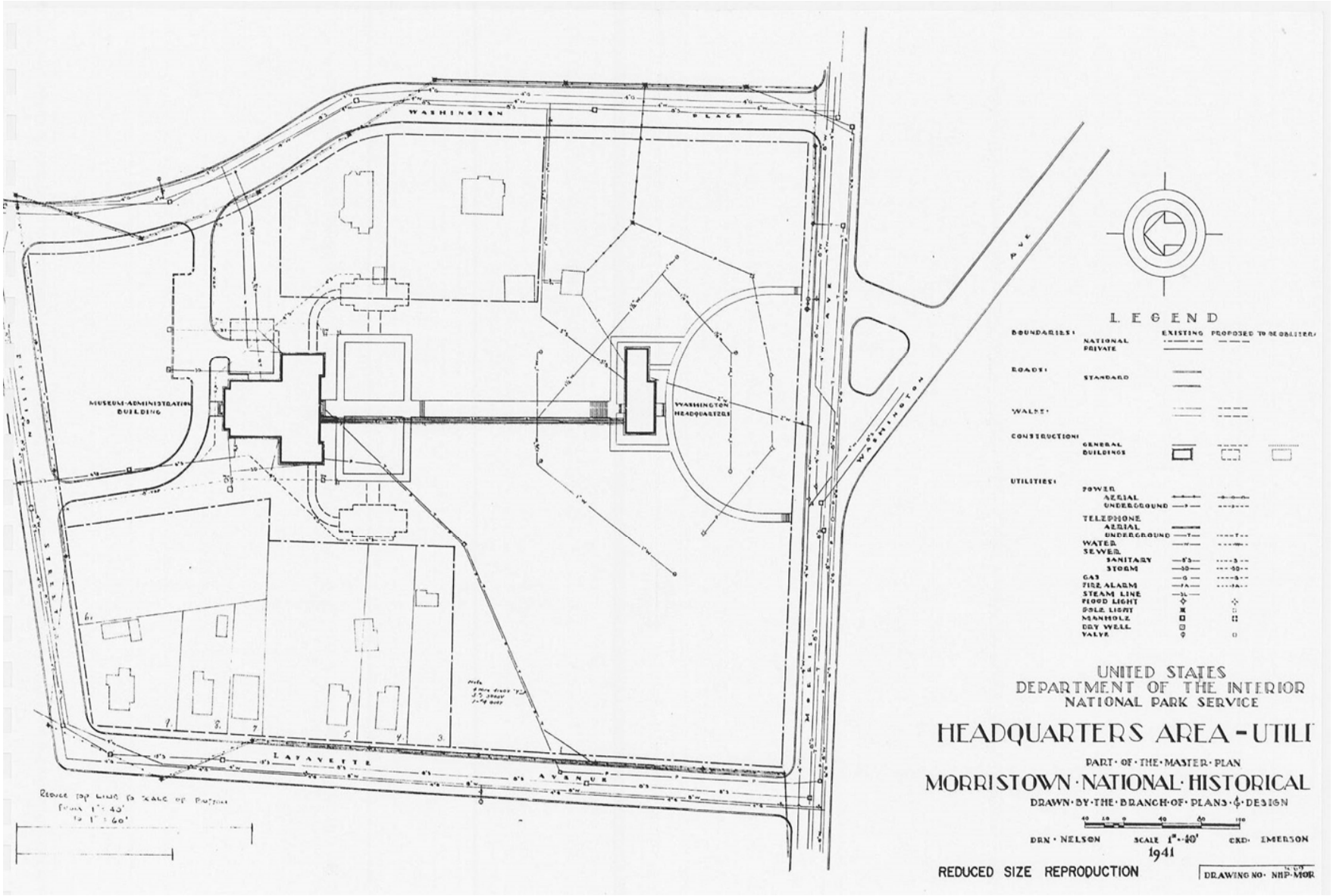

F.S. DETAILS OF COPPER & BRONZE WORK-MAIN MUSEUM CUPOLA
TOP OF UNIT 'C'
BOTTOM OF UNIT 'C'
VERTICAL HEIGHT 3'-4" OCTAGONAL IN PLAN
PROFILE-UNIT 'C'
LINE OF RAFTER CUT
UNIT 'B'-SEE DIAGRAM
UNIT 'A'-SEE DIAGRAM
PLAN AT 'D'
SHEATHING
SHAPED 2x4
SCUPPERED JOINT
CAST BRONZE SPIRE & ROUND - 4'-0" LONG
SYMMETRICAL ABOUT ℄
CONTINUE 1" ROD TO UNDER SIDE OF OCTAGONAL WOOD POST
FOR BALANCE OF CUPOLA SEE F.S. DR. NO. 14

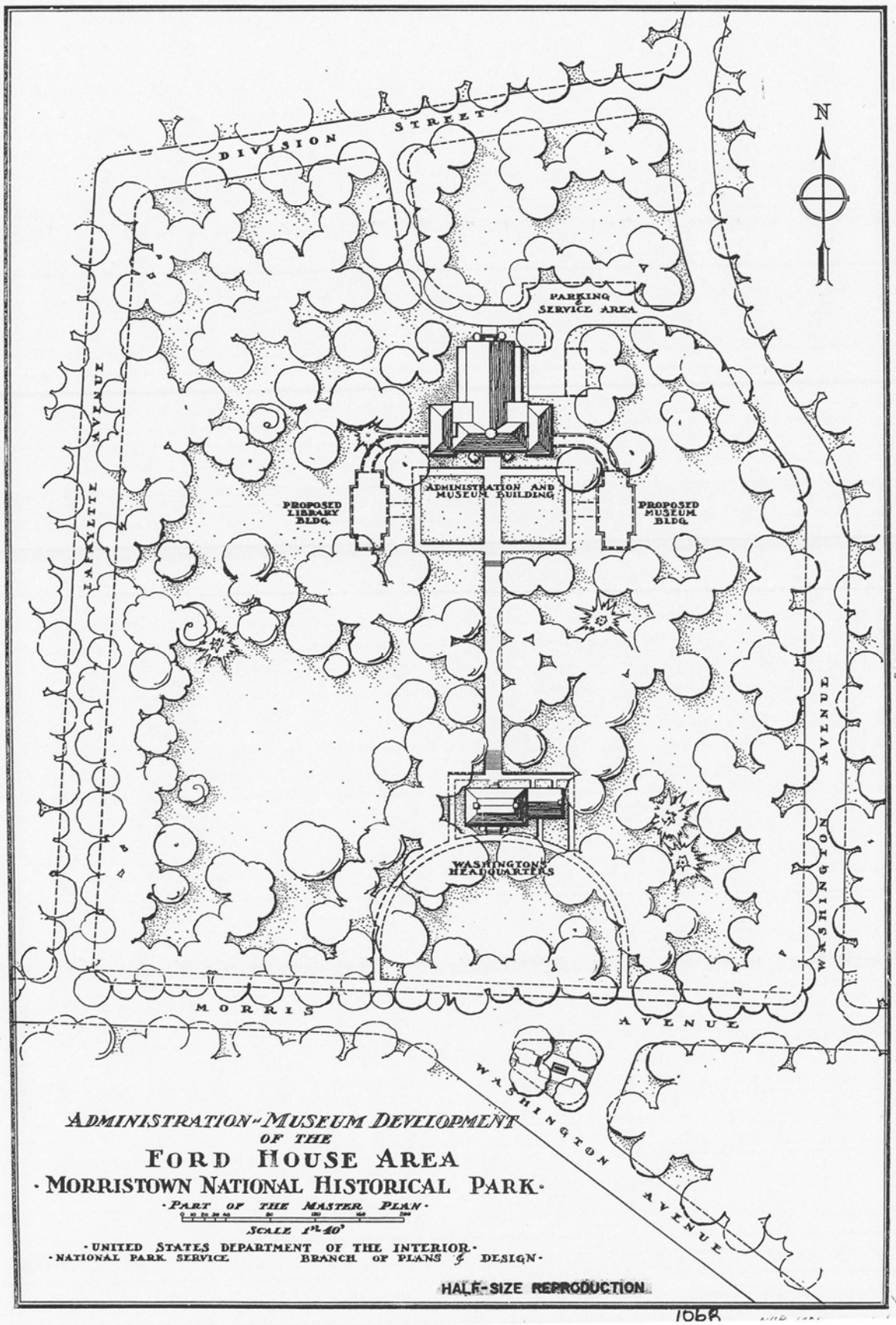
APPENDIX B.

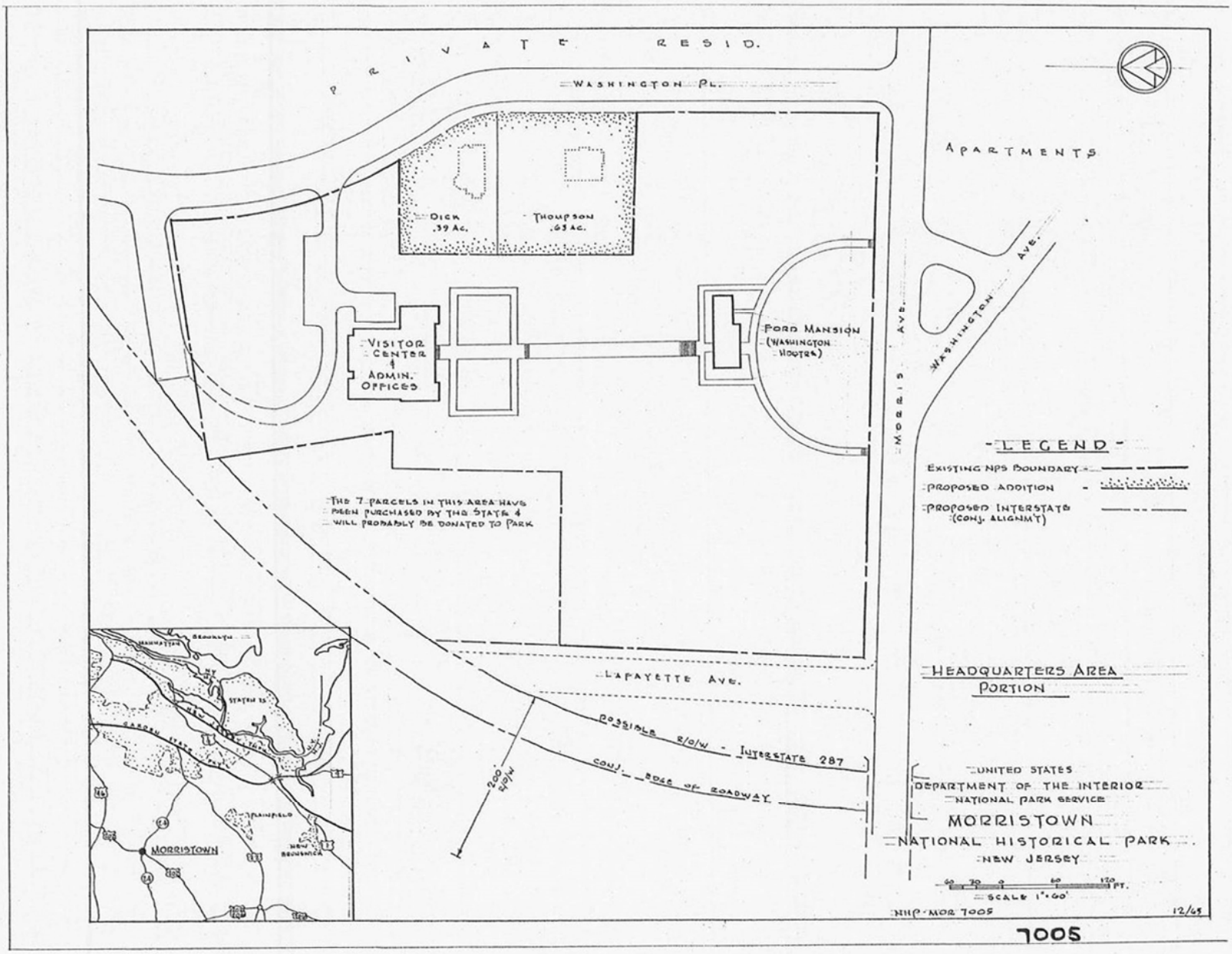
MISCELLANEOUS SITE PLANS
HEADQUARTERS/MUSEUM AREA
MORRISTOWN NATIONAL HISTORICAL PARK

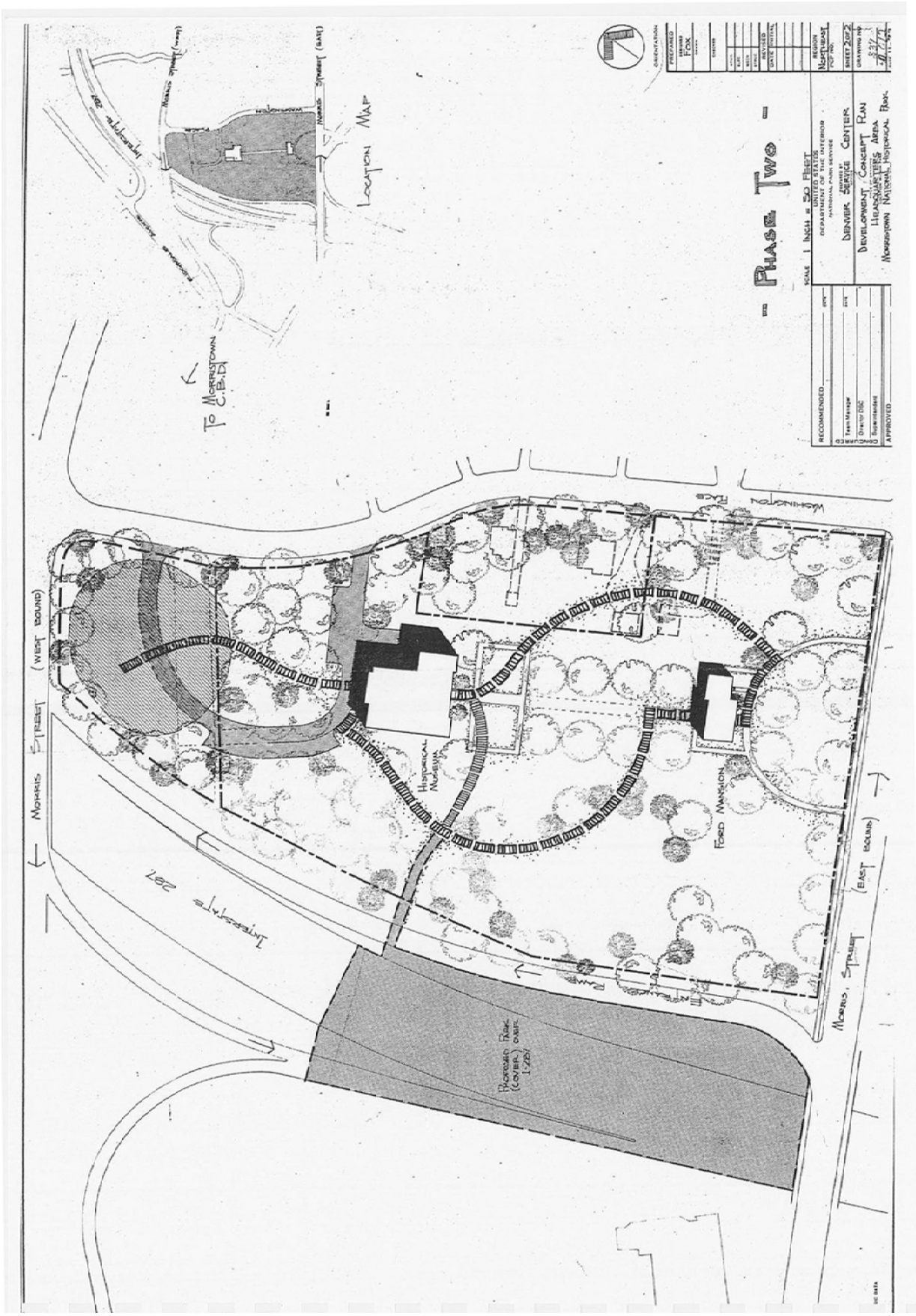
1940- 1972


Future Museum
Future Parking Area
Service Court
Platform
Museum & Auditorium
Gravel Walk
Washington's Headquarters
Future Library
Legend
Existing Fire Plug
Existing Drinking Fountain
Light or Telephone Pole To Be Removed
Future Walks, Roads, Buildings, Etc.
Existing Walks, Roads, Buildings, Etc. To Be Eventually Eliminated.
Walks and Roads For Present Construction
Existing Trees To Be Eventually Eliminated.
Existing Trees To Remain
Proposed Trees
U. S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BRANCH OF PLANS AND DESIGN
GENERAL OUTLINE PLAN
WASHINGTON'S HEADQUARTERS AND HISTORICAL MUSEUM GROUP
MORRISTOWN NATIONAL HISTORICAL PARK


WASHINGTON PLACE
MUSEUM-ADMINISTRATION BUILDING
WASHINGTON HEADQUARTERS
LAFAYETTE AVENUE
MEGEE AVE
WASHINGTON AVE
LEGEND
BOUNDARIES:
NATIONAL
PRIVATE
EXISTING
PROPOSED TO BE OBLITERATED
ROADS:
STANDARD
WALKS:
CONSTRUCTION:
GENERAL
BUILDINGS
UTILITIES:
POWER
AERIAL
UNDERGROUND
TELEPHONE
AERIAL
UNDERGROUND
WATER
SEWER
SANITARY
STORM
GAS
FIRE ALARM
STEAM LINE
FLOOD LIGHT
POLE LIGHT
MANHOLE
DRY WELL
VALVE
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
HEADQUARTERS AREA - UTILI
PART · OF · THE · MASTER · PLAN
MORRISTOWN · NATIONAL · HISTORICAL
DRAWN · BY · THE · BRANCH · OF · PLANS · & · DESIGN
DRN · NELSON
SCALE 1" = 40'
CKD · EMERSON
1941
REDUCED SIZE REPRODUCTION
DRAWING NO · NHP-MOR


DIVISION STREET
N
PARKING & SERVICE AREA
LAFAYETTE AVENUE
ADMINISTRATION AND MUSEUM BUILDING
PROPOSED LIBRARY BLDG.
PROPOSED MUSEUM BLDG.
WASHINGTON'S HEADQUARTERS
WASHINGTON AVENUE
MORRIS AVENUE
WASHINGTON AVENUE
ADMINISTRATION-MUSEUM DEVELOPMENT
OF THE
FORD HOUSE AREA
· MORRISTOWN NATIONAL HISTORICAL PARK ·
· PART OF THE MASTER PLAN ·
SCALE 1" = 40'
· UNITED STATES DEPARTMENT OF THE INTERIOR ·
· NATIONAL PARK SERVICE BRANCH OF PLANS & DESIGN ·
HALF-SIZE REPRODUCTION
1068


PRIVATE RESID.
WASHINGTON PL.
APARTMENTS
DICK .39 AC.
THOMPSON .63 AC.
VISITOR CENTER & ADMIN. OFFICES
FORD MANSION (WASHINGTON HOUSE)
MORRIS AVE.
WASHINGTON AVE.
THE 7 PARCELS IN THIS AREA HAVE BEEN PURCHASED BY THE STATE & WILL PROBABLY BE DONATED TO PARK
LAFAYETTE AVE.
POSSIBLE R/O/W - INTERSTATE 287
CONJ. EDGE OF ROADWAY
200' R/O/W
MORRISTOWN
LEGEND
EXISTING NPS BOUNDARY
PROPOSED ADDITION
PROPOSED INTERSTATE (CONJ. ALIGNM'T)
HEADQUARTERS AREA PORTION
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MORRISTOWN
NATIONAL HISTORICAL PARK
NEW JERSEY
SCALE 1" = 60'
NHP-MOR 7005
12/65
7005


Morris Street (West Bound)
Interstate 287
Historical Museum
Ford Mansion
Washington Place
Morris Street (East Bound)
Proposed Park (Cover) 1-2(b)
To Morristown C.B.D.
Location Map
Phase Two
Scale 1 Inch = 50 Feet
Recommended
Approved
Prepared
Fox
Sheet 2 of 2
Denver Service Center
Development Concept Plan
Headquarters Area
Morristown National Historical Park

APPENDIX C.

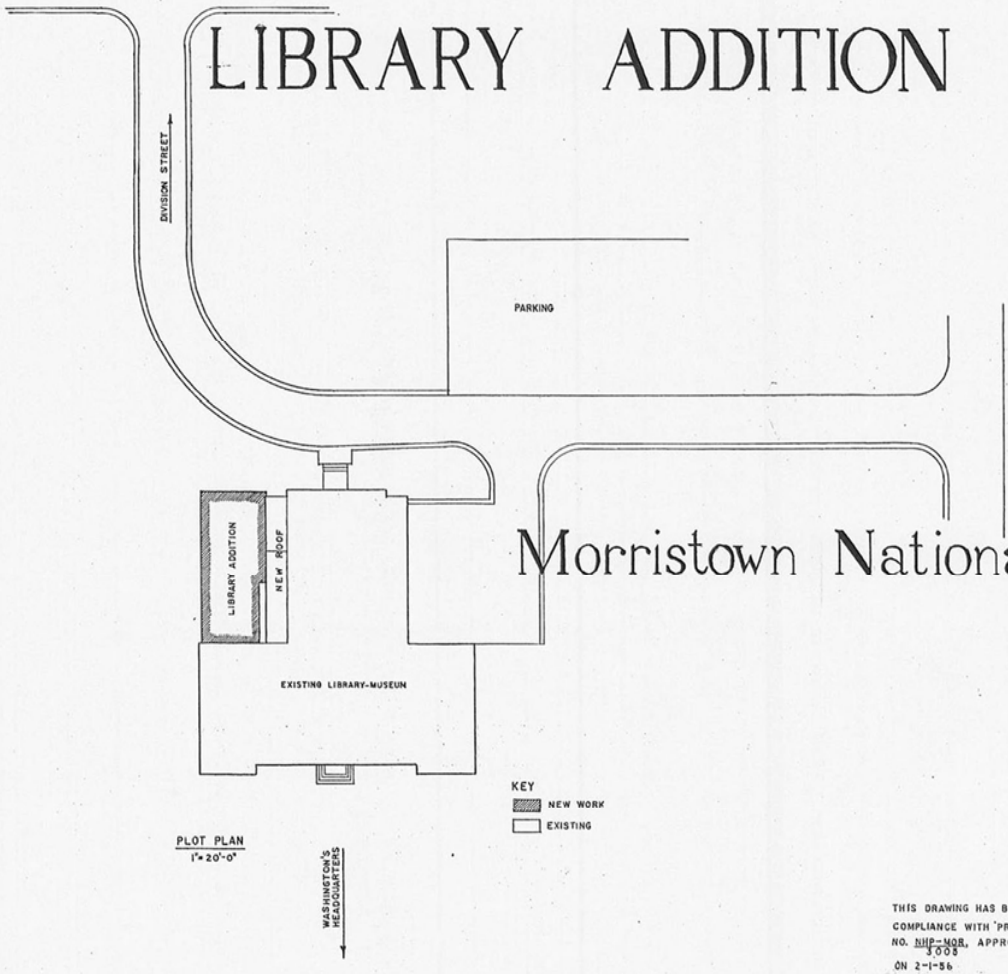
"LIBRARY ADDITION:
MORRISTOWN NATIONAL HISTORICAL PARK"

Measured Drawings, 1956

Eastern Office,
Division of Design and Construction,
National Park Service

LIBRARY ADDITION

Morristown National Historical Park



PLOT PLAN
1"=20'-0"

BASIC DATA

INDEX

1- TITLE SHEET, PLOT PLAN
2- PLANS, SCHEDULES, LEGEND
3- ELEVATIONS-WEST, NORTH, ROOF PLAN
4- SECTIONS-A-A, B-B, KEY PLAN
5- SECTIONS-C-C, D-D, KEY PLAN, SECTION E-E
6-ARCHITECTURAL DETAILS, WALL SECTIONS
7-ARCHITECTURAL DETAILS
8-ARCHITECTURAL DETAILS
9-ARCHITECTURAL DETAILS
10-STRUCTURAL FRAMING PLANS
11-STRUCTURAL DETAILS
12-HEATING, VENTILATING, AIR CONDITIONING & PLUMBING
13-ELECTRICAL, REFLECT CEILING PLANS
14-ATTIC, SHOWING FANS & INSULATION
15-MECHANICAL INSTALLATION, EXISTING BUILDING

THIS DRAWING HAS BEEN PREPARED IN COMPLIANCE WITH PRELIMINARY DRAWING NO. NHP-MOR, 3005 APPROVED BY DIRECTOR ON 2-1-56

CHIEF EDDC — 3-20-56 DATE

RECOMMENDED — DATE — APPROVED

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

LIBRARY ADDITION
TITLE OF DRAWING
HEADQUARTERS BUILDING
LOCATION OF DRAWING AREA
MORRISTOWN NATIONAL HISTORICAL PARK
NAME OF AREA

0 20' 40' 60' 80'
SCALE 1"=20'-0"

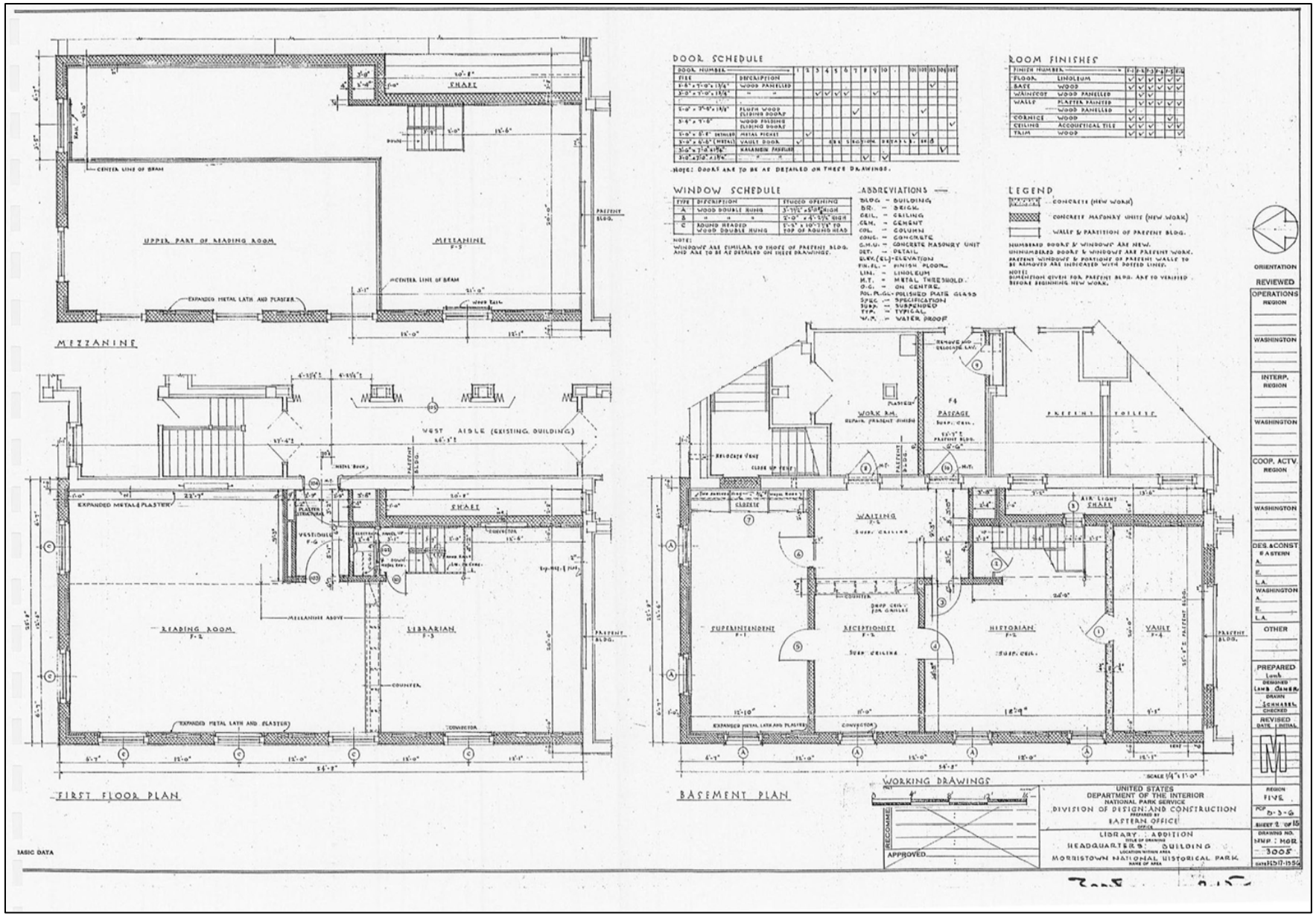
ORIENTATION

REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
WASHINGTON
COOP. ACTV. REGION
WASHINGTON
DES. & CONST.
E.A. STERN
WASHINGTON
A.
E.
L.A.
OTHER

PREPARED
RITTER DESIGNED
RITTER DRAWN
SCHNABEL CHECKED

REVISED
DATE | INITIAL

REGION FIVE
FOC B-3-6
SHEET 1 OF 15
DRAWING NO. NHP-MOR 3005
DATE FEB. 1956



DOOR SCHEDULE

DOOR NUMBER →	1	2	3	4	5	6	7	8	9	10	.	101	102	103	104	105
SIZE	DESCRIPTION															
3'-6" x 7'-0" x 1 3/4"	WOOD PANELLED													✓		
3'-0" x 7'-0" x 1 3/4"	" "			✓	✓	✓	✓		✓							
2'-0" x 3'-0" x 1 3/8"	PLAIN WOOD FLUSH DOORS							✓						✓		
3'-6" x 9'-0"	WOOD FOLDING FLUSH DOORS															✓
3'-0" x 8'-6" (METAL)	METAL PICKET	✓												✓		
3'-0" x 6'-8" (METAL)	VAULT DOOR	✓				SEE	SECTION				DETAILS					
3'-0" x 7'-0" x 1 3/4"	BASEMENT PARTITION														✓	
3'-0" x 7'-0" x 1 3/4"	" "							✓		✓						

NOTE: DOORS ARE TO BE AS DETAILED ON THESE DRAWINGS.

WINDOW SCHEDULE

TYPE	DESCRIPTION	STUCCO OPENING
A	WOOD DOUBLE HUNG	3'-11½" x 5'-0" HIGH
B	" " "	2'-0" x 4'-5½" HIGH
C	ROUND HEADED WOOD DOUBLE HUNG	5'-5" x 10'-11⅛" TO TOP OF ROUND HEAD

NOTE:
WINDOWS ARE SIMILAR TO THOSE OF PRESENT BLDG. AND ARE TO BE AS DETAILED ON THESE DRAWINGS.

ABBREVIATIONS

BLDG. = BUILDING
BR. = BRICK
CEIL. = CEILING
CEM. = CEMENT
COL. = COLUMN
CONC. = CONCRETE
C.M.U. = CONCRETE MASONRY UNIT
DET. = DETAIL
ELEV. (EL) = ELEVATION
FIN. FL. = FINISH FLOOR
LINL. = LINOLEUM
M.T. = METAL THRESHOLD
O.C. = ON CENTRE
POL. PLATE = POLISHED PLATE GLASS
SPEC. = SPECIFICATION
SUSP. = SUSPENDED
TYP. = TYPICAL
W.P. = WATER PROOF

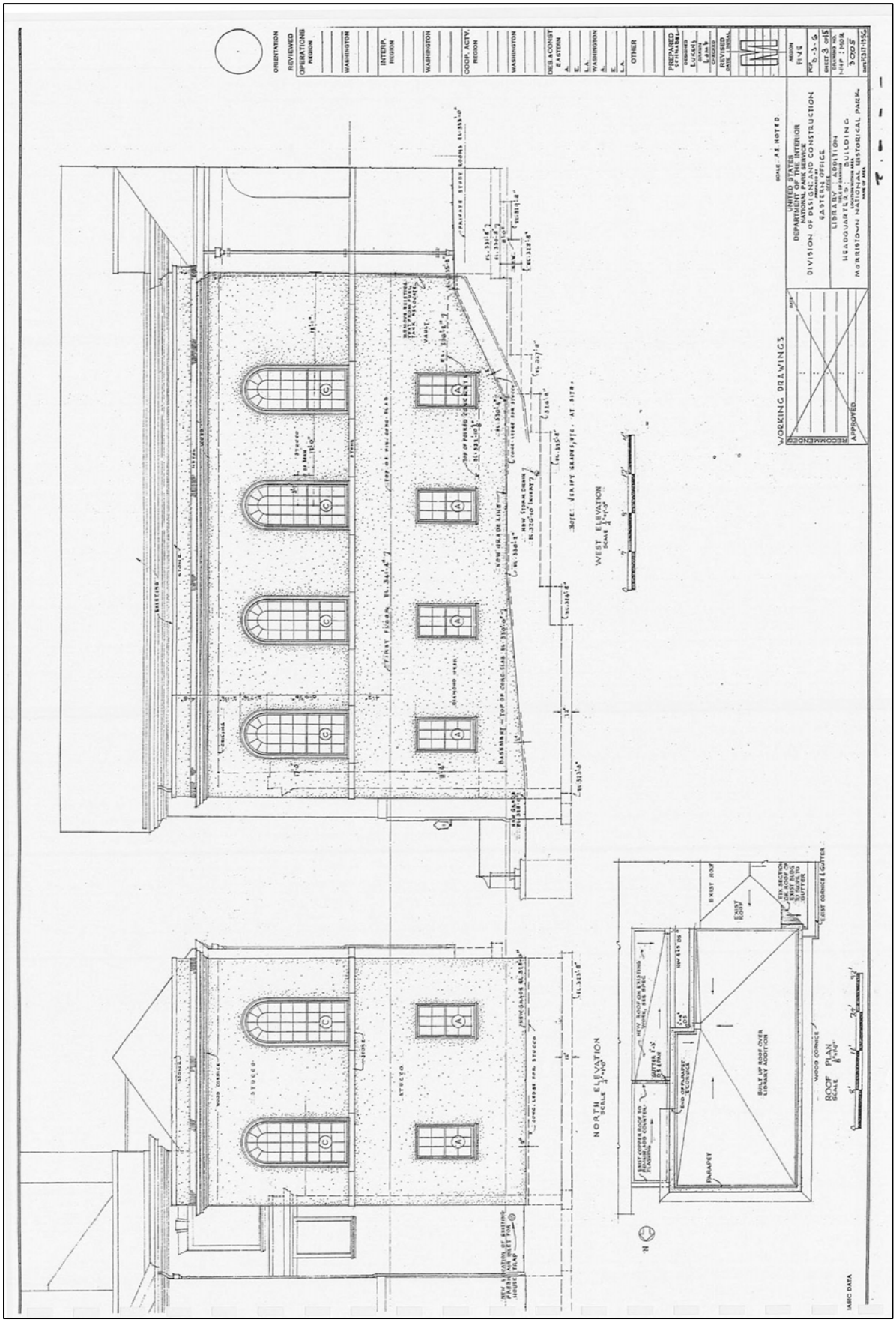
LEGEND

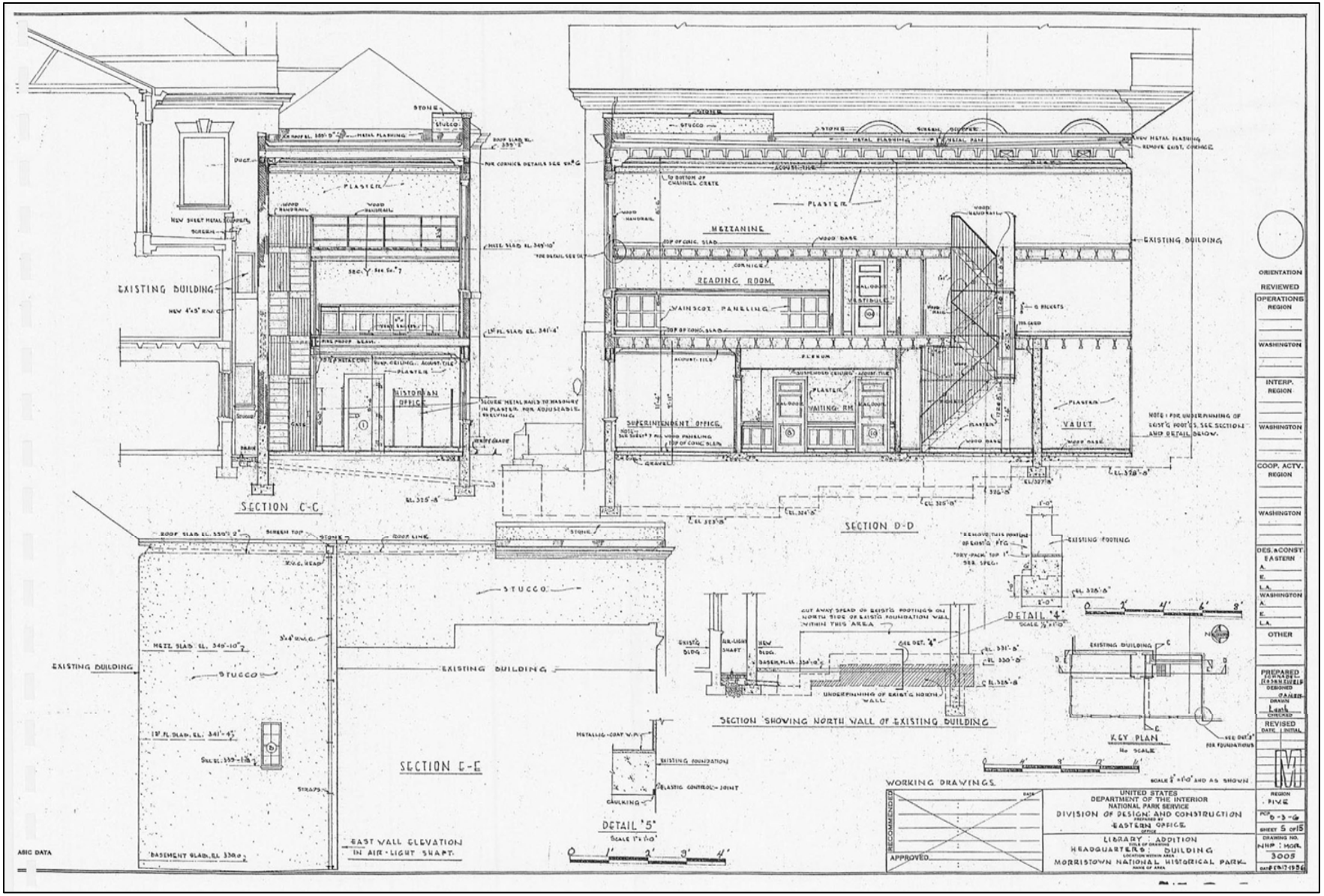
CONCRETE (NEW WORK)
CONCRETE MASONRY UNITS (NEW WORK)
WALLS & PARTITION OF PRESENT BLDG.

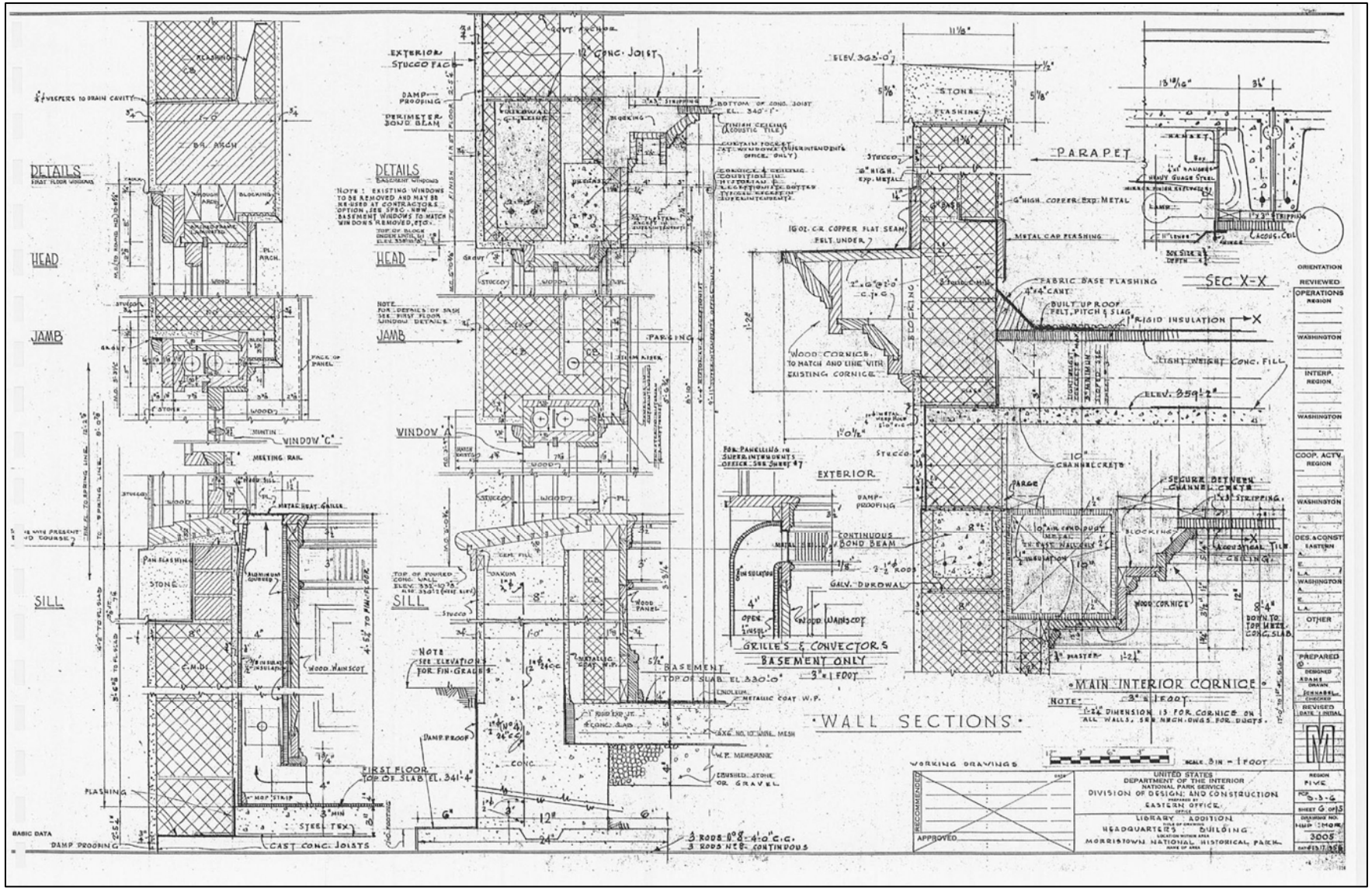
NUMBERED DOORS & WINDOWS ARE NEW.
UNNUMBERED DOORS & WINDOWS ARE PRESENT WORK.
PRESENT WINDOWS & PORTIONS OF PRESENT WALLS TO BE REMOVED ARE INDICATED WITH DOTTED LINES.
NOTE:
DIMENSION GIVEN FOR PRESENT BLDG. ARE TO VERIFIED BEFORE BEGINNING NEW WORK.

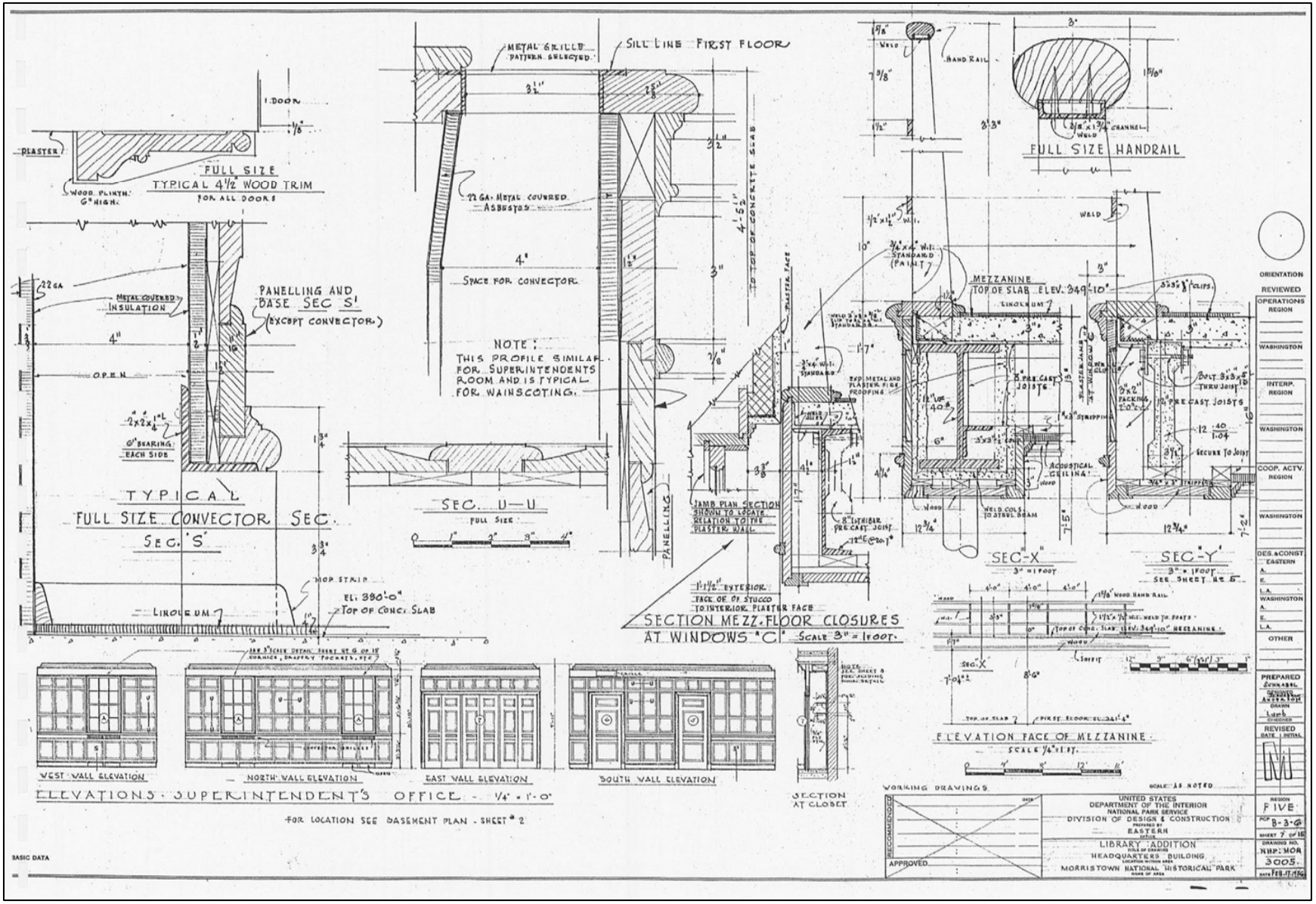
ROOM FINISHES

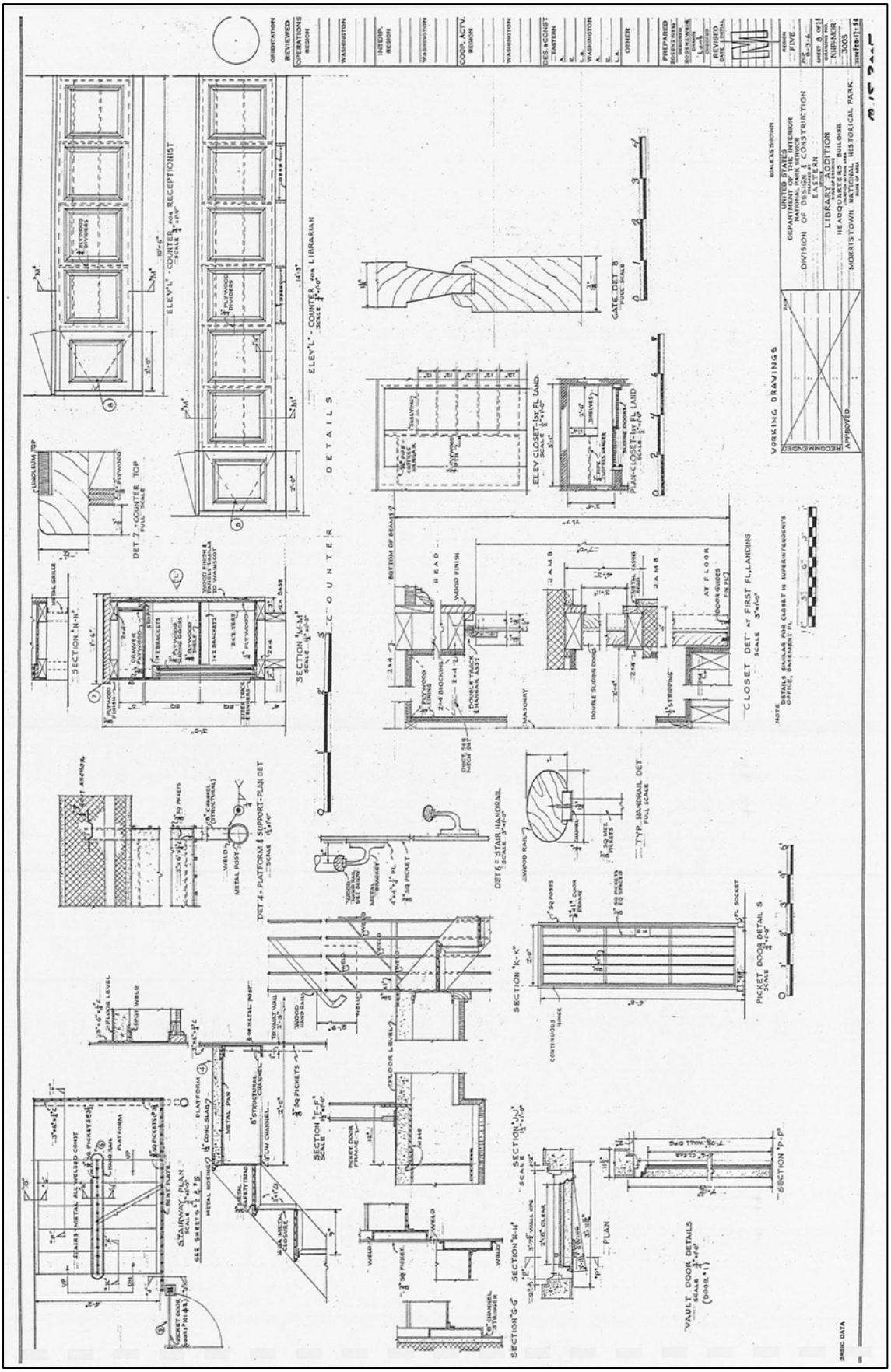
FINISH NUMBER →	F-1	F-2	F-3	F-4	F-5	F-6
FLOOR	LINOLEUM	✓	✓	✓	✓	✓
BASE	WOOD	✓	✓	✓	✓	✓
WAINSCOT	WOOD PANELLED		✓	✓		
WALLS	PLASTER PAINTED		✓	✓	✓	✓
	WOOD PANELLED	✓				
CORNICE	WOOD	✓				✓
CEILING	ACOUSTICAL TILE	✓	✓	✓		✓
TRIM	WOOD	✓	✓	✓		✓

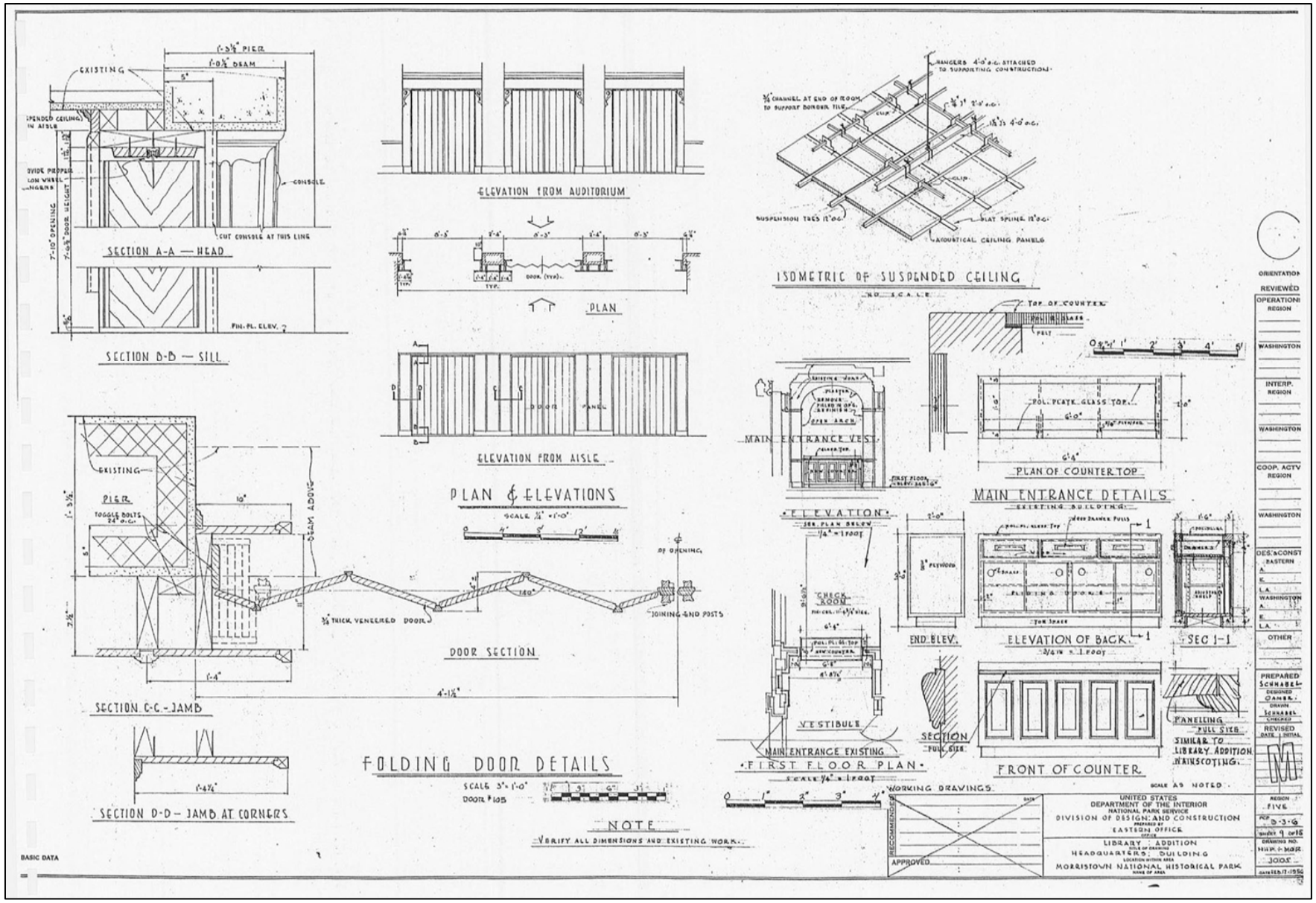

ORIENTATION
REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
WASHINGTON
COOP. ACTV. REGION
WASHINGTON
DES & CONST EASTERN
WASHINGTON
OTHER
PREPARED
WORKING DRAWINGS
RECOMMENDED
APPROVED
SCALE: AS NOTED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN SERVICE CENTER
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
REGION FIVE
DWG. 6-3-6
SHEET 3 of 5
HBR-MOR
3005F
WEST ELEVATION
NORTH ELEVATION
ROOF PLAN
BULK OF ROOF OVER LIBRARY ADDITION
PARAPET
WOOD CORNICE
EAST CORNICE & GUTTER
EXIST ROOF
NEW ROOF ON EXISTING
NEW GRADE LINE
FIRST FLOOR
BASEMENT
STUCCO
SHINGLES
MISC DATA

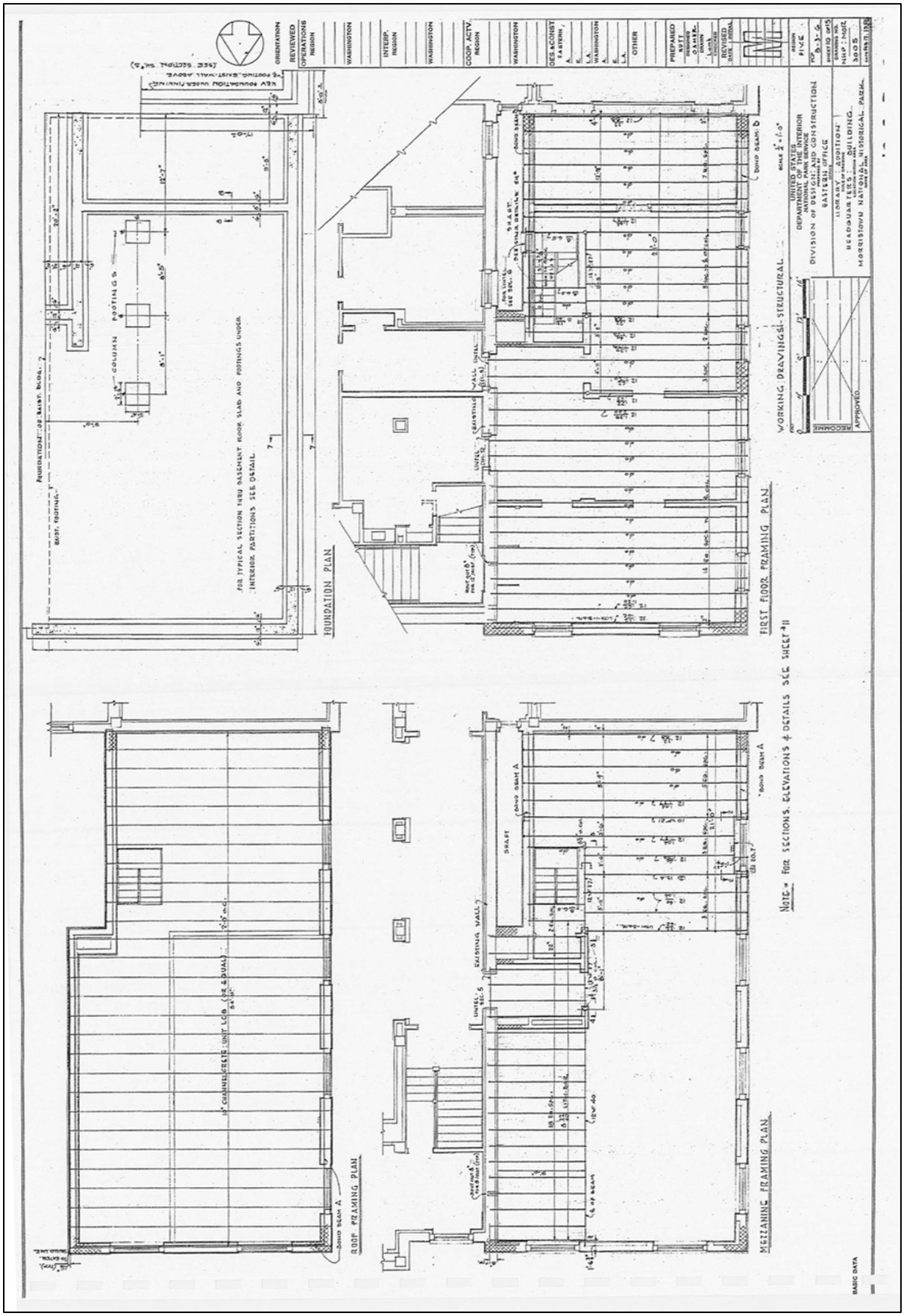

SECTION C-C
SECTION D-D
SECTION E-E
SECTION SHOWING NORTH WALL OF EXISTING BUILDING
DETAIL '4'
DETAIL '5'
KEY PLAN
EAST WALL ELEVATION IN AIR-LIGHT SHAFT
EXISTING BUILDING
MEZZANINE
READING ROOM
SUPERINTENDENT OFFICE
VAULT
HISTORIAN OFFICE
WAITING RM
VENTIBULE
STUCCO
PLASTER
WORKING DRAWINGS
APPROVED
RECOMMENDED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
ORIENTATION REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
COOP. ACTV. REGION
DES. & CONST. EASTERN
OTHER
REVISED
REGION FIVE
SHEET 5 OF 15
DRAWING NO. NHP : MOR 3005

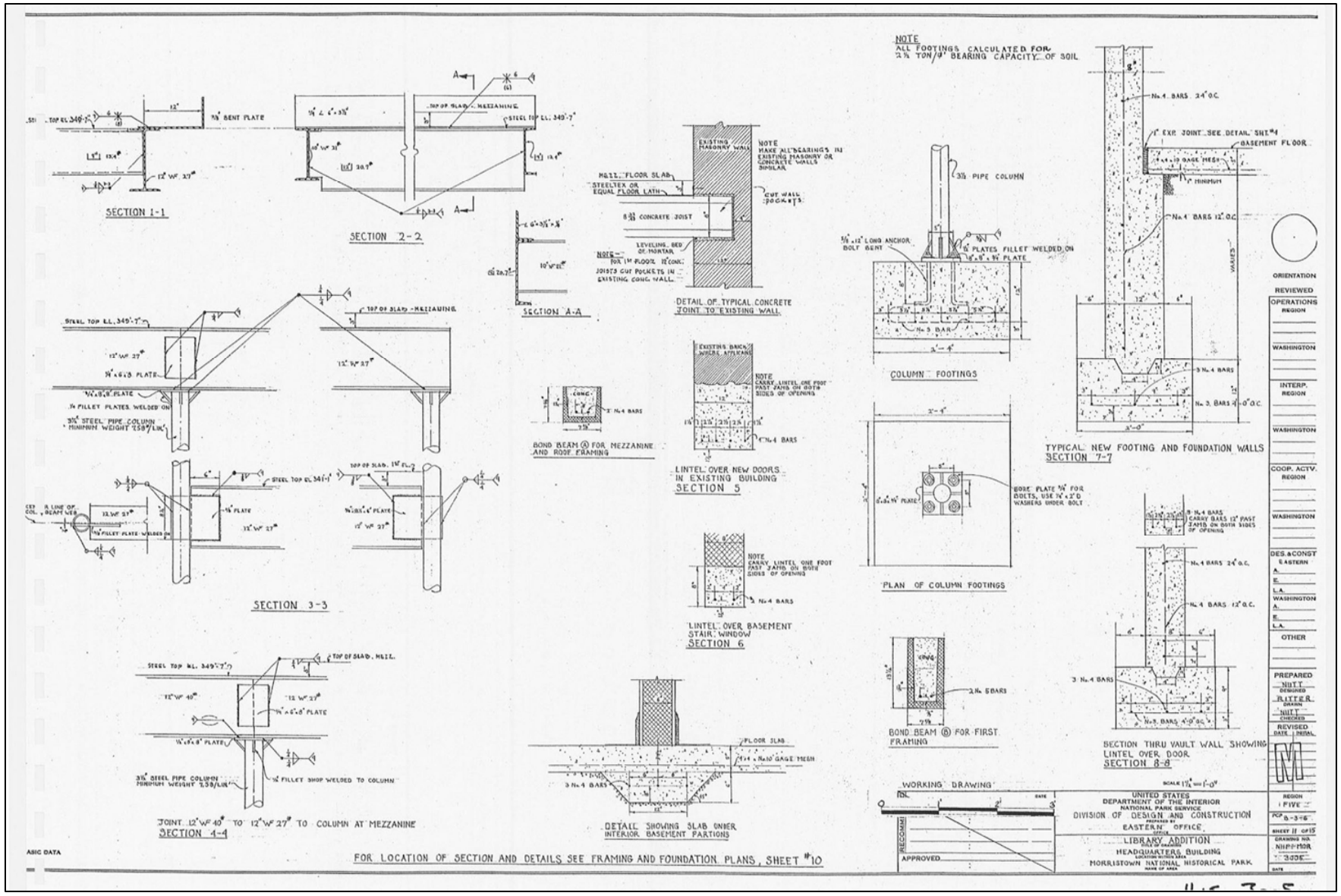

DETAILS
HEAD
JAMB
SILL
WINDOW "C"
WINDOW "A"
EXTERIOR STUCCO FACE
DAMP-PROOFING
PERIMETER BOND BEAM
12" CONC. JOIST
BOTTOM OF CONC. JOIST EL. 340'-1"
FINISH CEILING (ACOUSTIC TILE)
CURTAIN TOGGLE AT WINDOWS (SUPERINTENDENT'S OFFICE ONLY)
CORNICE & CEILING CONDITIONS (HISTORIAN & LEGISLATIVE) BOTTOM SUPERINTENDENT'S
PARGING
EXTERIOR
CONTINUOUS BOND BEAM
GALV. DUROWAL
GRILLES & CONVECTORS BASEMENT ONLY 3" = 1 FOOT
BASEMENT TOP OF SLAB EL. 330'-0"
FIRST FLOOR TOP OF SLAB EL. 341'-4"
CAST CONC. JOISTS
STEEL TEX
DAMP PROOFING
FLASHING
STONE
WOOD WAINSCOT
ELEV. 363'-0"
PARAPET
6" HIGH COPPER EXP. METAL
METAL CAP FLASHING
16 OZ. C.R. COPPER FLAT SEAM FELT UNDER
FABRIC BASE FLASHING
4"x4" CANT
BUILT UP ROOF FELT, PITCH & SLAG
1" RIGID INSULATION
LIGHT WEIGHT CONC. FILL
ELEV. 359'-2"
WOOD CORNICE TO MATCH AND LINE WITH EXISTING CORNICE
10" CHANNELS
SECURE BETWEEN CHANNELS
1"x3" STRIPPING
10" AIR COND. DUCT
WOOD CORNICE
8'-4" DOWN TO TOP MEZZ. CONC. SLAB
MAIN INTERIOR CORNICE 3" = 1 FOOT
NOTE: 1'-2½" DIMENSION IS FOR CORNICE ON ALL WALLS. SEE MECH. DWGS. FOR DUCTS.
SEC. X-X
WALL SECTIONS
WORKING DRAWINGS
SCALE 3 IN = 1 FOOT
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
REGION FIVE
SHEET 6 OF 13
3005
ORIENTATION
REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
COOP. ACTV. REGION
DES. & CONST. EASTERN
OTHER
PREPARED
DESIGNED
DRAWN
CHECKED
REVISED DATE | INITIAL

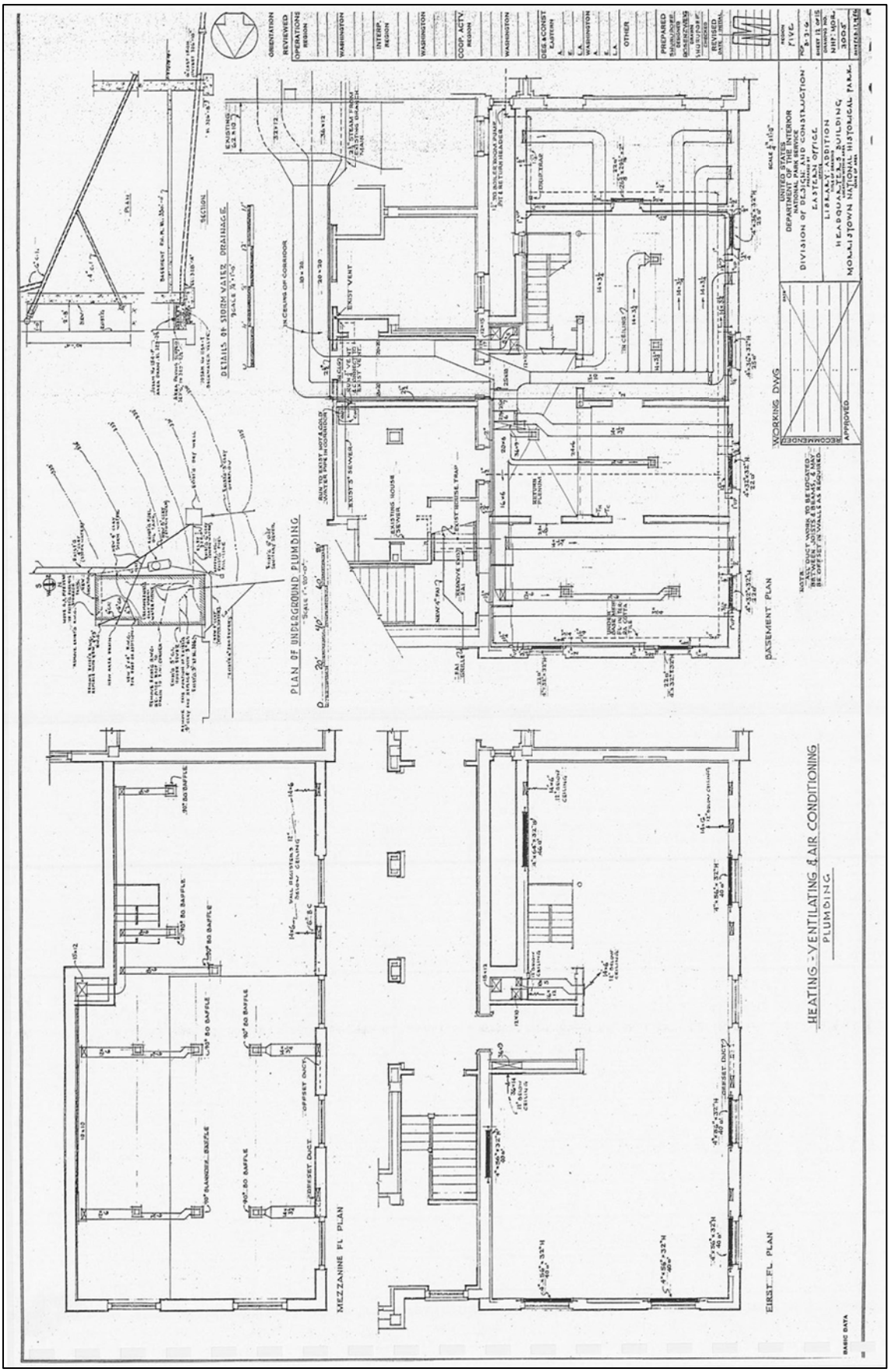

FULL SIZE
TYPICAL 4 1/2" WOOD TRIM
FOR ALL DOORS
PLASTER
WOOD PLINTH 6" HIGH
1 DOOR
PANELLING AND BASE SEC 'S'
(EXCEPT CONVECTOR)
METAL COVERED INSULATION
22 GA
OPEN
6" BEARING EACH SIDE
TYPICAL
FULL SIZE CONVECTOR SEC.
SEC. 'S'
MOP STRIP
EL. 380'-0"
TOP OF CONC. SLAB
LINOLEUM
METAL GRILLE PATTERN SELECTED
SILL LINE FIRST FLOOR
22 GA. METAL COVERED ASBESTOS
SPACE FOR CONVECTOR
NOTE:
THIS PROFILE SIMILAR FOR SUPERINTENDENTS ROOM AND IS TYPICAL FOR WAINSCOTING.
SEC. U—U
FULL SIZE
TO TOP OF CONCRETE SLAB
PLASTER FACE
PANELLING
JAMB PLAN SECTION SHOWN TO LOCATE RELATION TO THE PLASTERED WALL
1'-1 1/2" EXTERIOR FACE OF PT. STUCCO TO INTERIOR PLASTER FACE
SECTION MEZZ. FLOOR CLOSURES
AT WINDOWS "C" SCALE 3" = 1 FOOT.
HAND RAIL
WELD
FULL SIZE HANDRAIL
MEZZANINE
TOP OF SLAB ELEV. 349'-10"
LINOLEUM
EXP. METAL AND PLASTER FIRE PROOFING
8" INTERIOR PRE-CAST JOIST
12" E @ 20.7#
WELD COLS. TO STEEL BEAM
ACOUSTICAL CEILING
STRIPPING
PLASTER JAMB AT WINDOW
BOLT 3x3x3/8" THRU JOIST
PRE CAST JOISTS
SECURE TO JOIST
SEC-X
3" = 1 FOOT
SEC-Y
3" = 1 FOOT
SEE SHEET No. 6
WOOD HAND RAIL
SOFFIT
TOP OF SLAB
FIRST FLOOR EL. 341'-4"
ELEVATION FACE OF MEZZANINE
SCALE 1/4" = 1 FT.
WEST WALL ELEVATION
NORTH WALL ELEVATION
EAST WALL ELEVATION
SOUTH WALL ELEVATION
ELEVATIONS - SUPERINTENDENT'S OFFICE - 1/4" = 1'-0"
FOR LOCATION SEE BASEMENT PLAN - SHEET # 2
SECTION AT CLOSET
WORKING DRAWINGS
SCALE: AS NOTED
RECOMMENDED
APPROVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN & CONSTRUCTION
PREPARED BY
EASTERN
OFFICE
LIBRARY ADDITION
TITLE OF DRAWING
HEADQUARTERS BUILDING
LOCATION WITHIN AREA
MORRISTOWN NATIONAL HISTORICAL PARK
NAME OF AREA
ORIENTATION REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
COOP. ACTV. REGION
DES. & CONST. EASTERN
OTHER
PREPARED
DRAWN
REVISED
REGION FIVE
SHEET 7 OF 15
DRAWING NO. HHP: MOR 3005
BASIC DATA

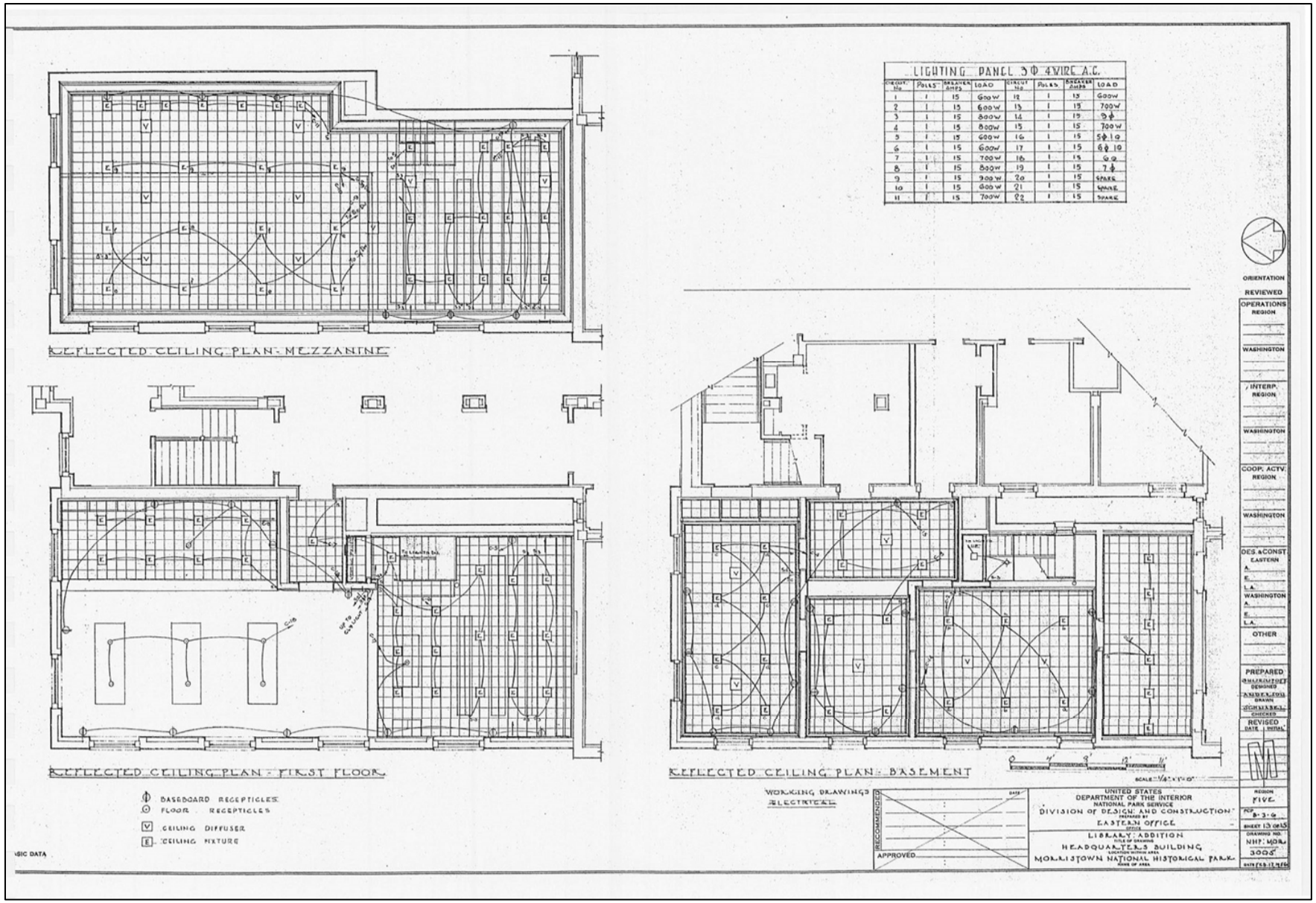

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN & CONSTRUCTION
EASTERN
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
WORKING DRAWINGS
RECOMMENDED
APPROVED
FIVE
3005
COUNTER DETAILS
ELEV'L' - COUNTER FOR RECEPTIONIST
ELEV'L' - COUNTER FOR LIBRARIAN
DET 7 - COUNTER TOP
SECTION M-M'
DET 4 - PLATFORM & SUPPORT - PLAN DET
DET 6 - STAIR HANDRAIL
TYP. HANDRAIL DET
PICKET DOOR DETAIL
SECTION K-K'
STAIRWAY PLAN
SECTION G-G'
SECTION N-N'
SECTION P-P'
VAULT DOOR DETAILS
CLOSET DET AT FIRST FL. LANDING
ELEV CLOSET (1st FL LAND.)
PLAN-CLOSET (1st FL LAND)
GATE DET B
BASIC DATA

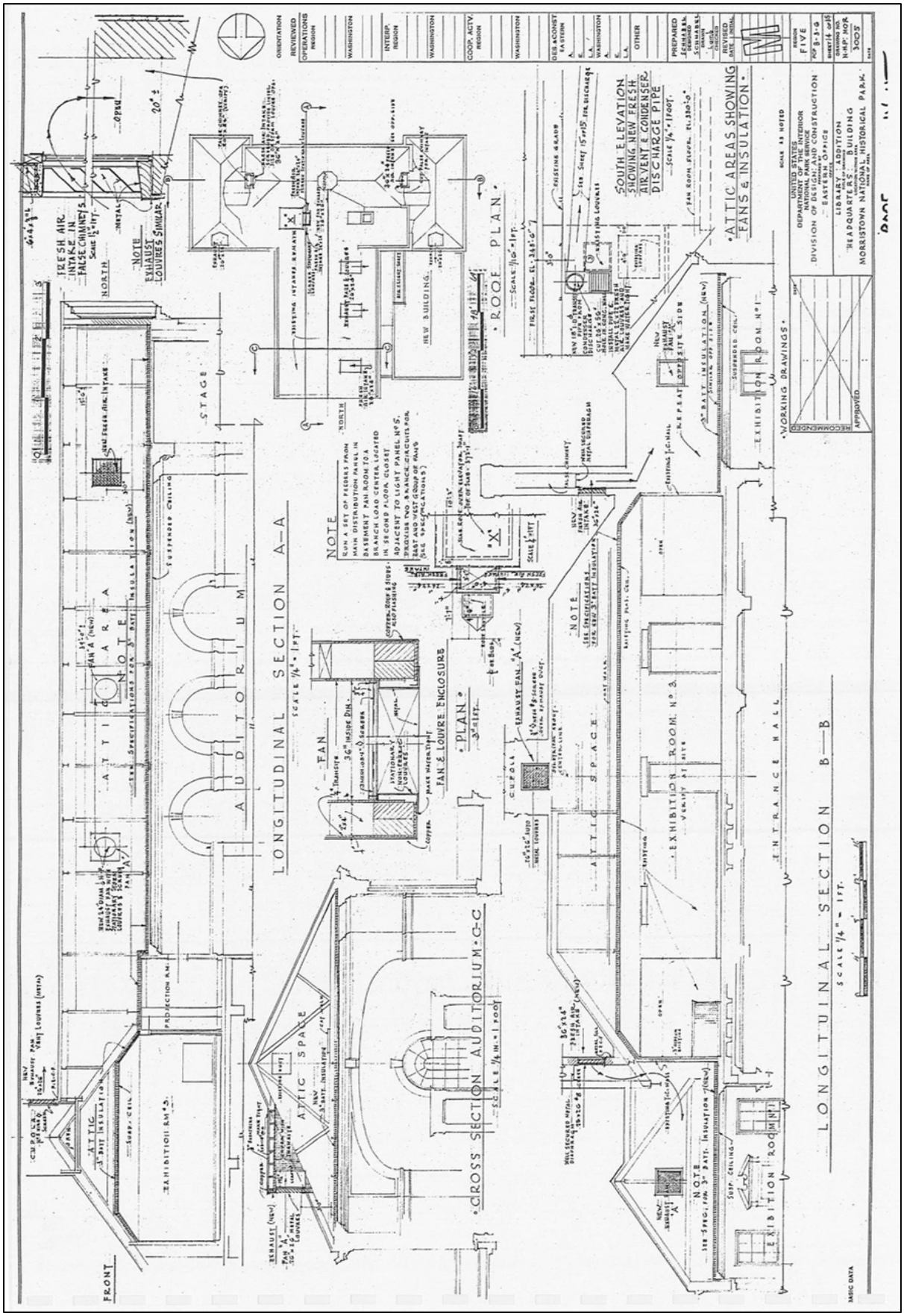

SECTION A-A — HEAD
SECTION B-B — SILL
ELEVATION FROM AUDITORIUM
PLAN
ELEVATION FROM AISLE
PLAN & ELEVATIONS
ISOMETRIC OF SUSPENDED CEILING
MAIN ENTRANCE DETAILS
PLAN OF COUNTER TOP
ELEVATION
END ELEV.
ELEVATION OF BACK
SEC 1-1
FRONT OF COUNTER
FIRST FLOOR PLAN
SECTION C-C - JAMB
SECTION D-D - JAMB AT CORNERS
DOOR SECTION
FOLDING DOOR DETAILS
NOTE
VERIFY ALL DIMENSIONS AND EXISTING WORK.
WORKING DRAWINGS
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
REGION FIVE
BASIC DATA

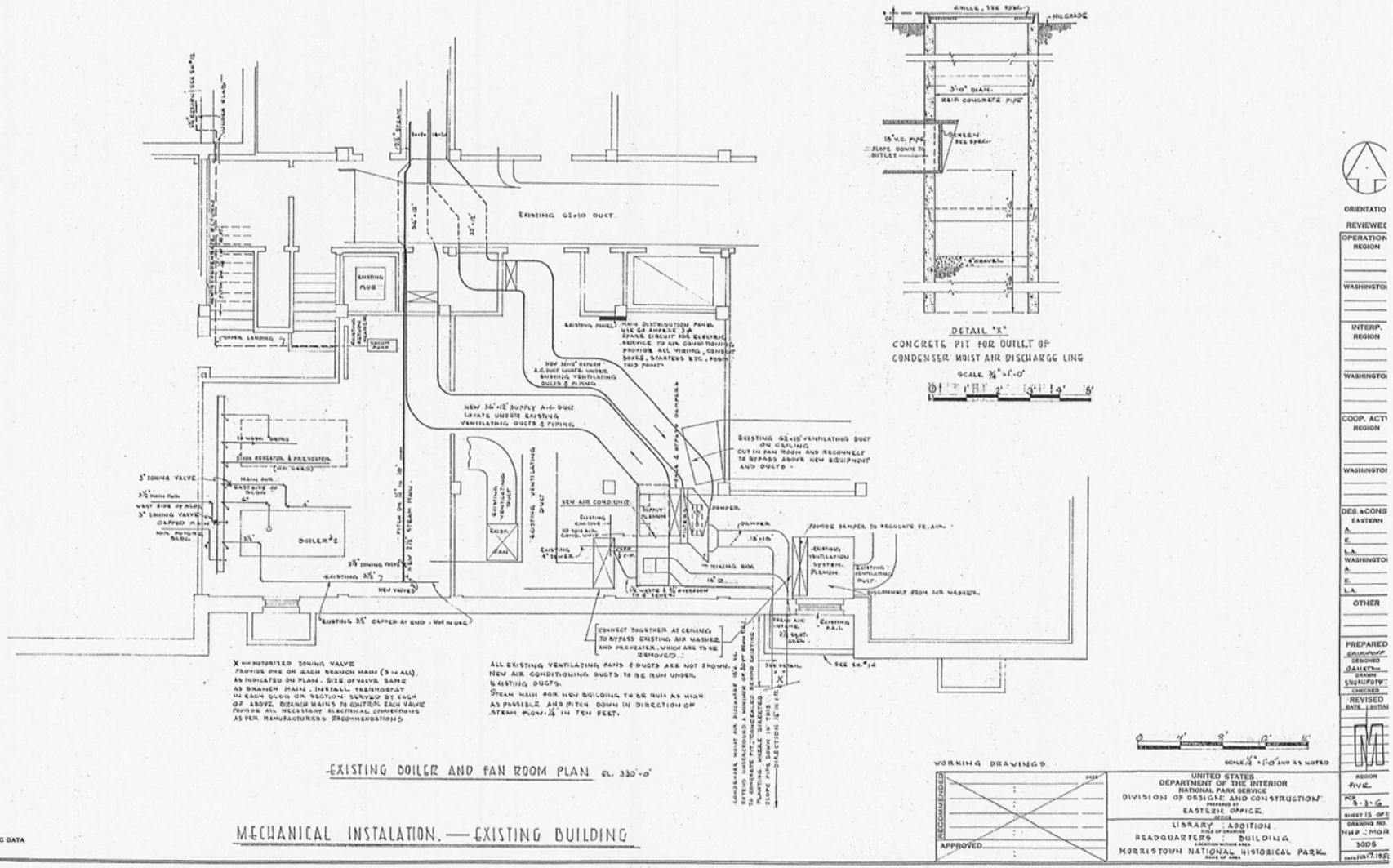

FOUNDATION PLAN
FIRST FLOOR FRAMING PLAN
ROOF FRAMING PLAN
MEZZANINE FRAMING PLAN
WORKING DRAWINGS-STRUCTURAL
UNITED STATES
DEPARTMENT OF THE INTERIOR
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
REGION FIVE
NHP-MORT
3005
FOR TYPICAL SECTION THRU BASEMENT FLOOR SLAB AND FOOTINGS UNDER INTERIOR PARTITIONS SEE DETAIL.
COLUMN FOOTINGS
SHAFT
EXISTING WALL
UNFIL.
BOND BEAM A
BOND BEAM B
NOTE: FOR SECTIONS, ELEVATIONS & DETAILS SEE SHEET #11
BASIC DATA

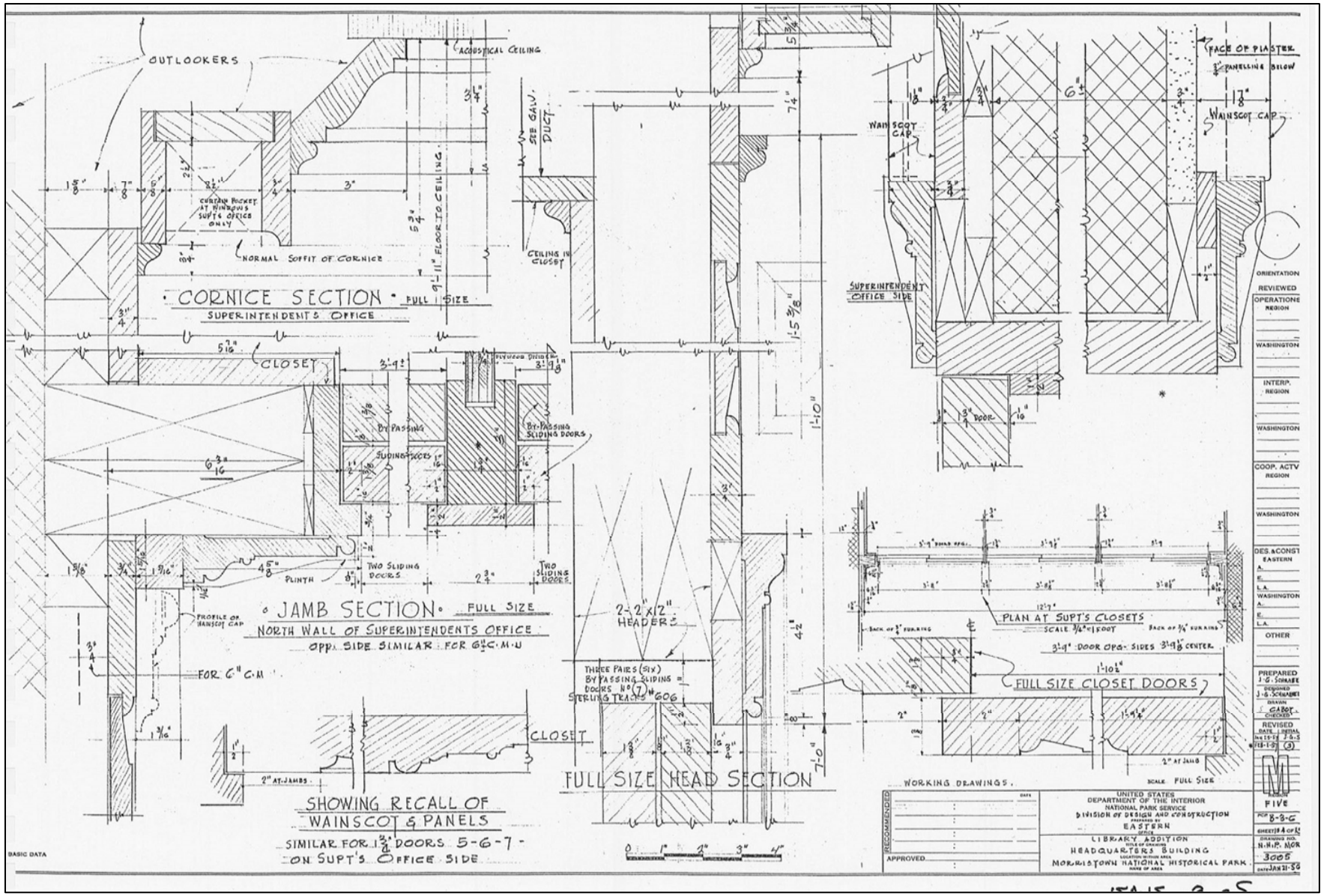

NOTE
ALL FOOTINGS CALCULATED FOR 2¾ TON/□' BEARING CAPACITY OF SOIL
SECTION 1-1
SECTION 2-2
SECTION A-A
DETAIL OF TYPICAL CONCRETE JOINT TO EXISTING WALL
COLUMN FOOTINGS
TYPICAL NEW FOOTING AND FOUNDATION WALLS
SECTION 7-7
BOND BEAM Ⓐ FOR MEZZANINE AND ROOF FRAMING
LINTEL OVER NEW DOORS IN EXISTING BUILDING
SECTION 5
PLAN OF COLUMN FOOTINGS
SECTION 3-3
LINTEL OVER BASEMENT STAIR WINDOW
SECTION 6
BOND BEAM Ⓑ FOR FIRST FRAMING
SECTION THRU VAULT WALL SHOWING LINTEL OVER DOOR
SECTION 8-8
JOINT 12" WF 40# TO 12" WF 27# TO COLUMN AT MEZZANINE
SECTION 4-4
DETAIL SHOWING SLAB UNDER INTERIOR BASEMENT PARTITIONS
FOR LOCATION OF SECTION AND DETAILS SEE FRAMING AND FOUNDATION PLANS, SHEET #10
WORKING DRAWING
APPROVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
ORIENTATION REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
WASHINGTON
COOP. ACTV. REGION
WASHINGTON
DES. & CONST
EASTERN
WASHINGTON
OTHER
PREPARED
REVISED
REGION FIVE
SHEET 11 OF 15
DRAWING NO. NHP-MOR 3006
ASIC DATA

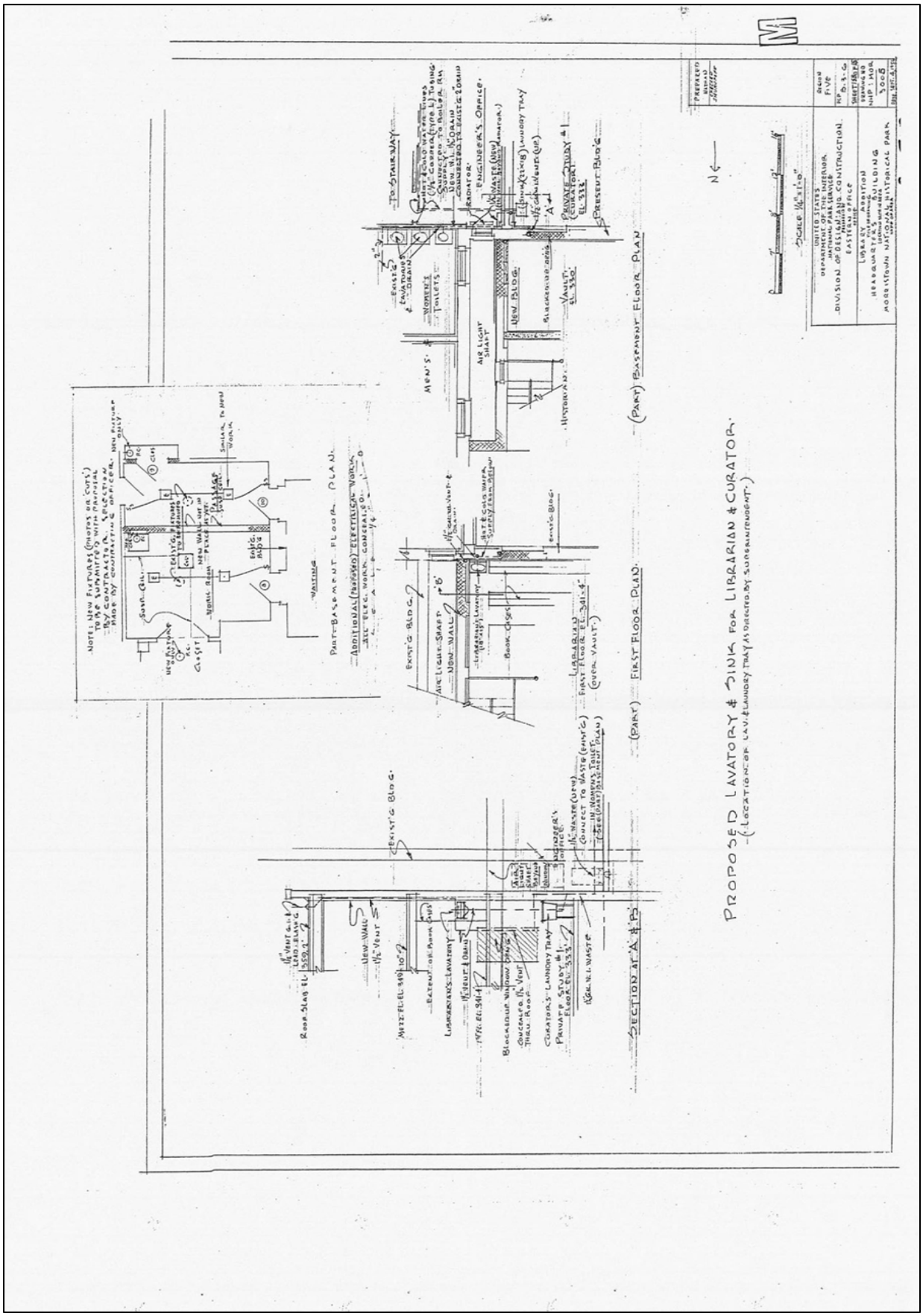

DETAILS OF STORM WATER DRAINAGE
PLAN OF UNDERGROUND PLUMBING
BASEMENT PLAN
MEZZANINE FL PLAN
FIRST FL PLAN
HEATING - VENTILATING & AIR CONDITIONING
PLUMBING
UNITED STATES
DEPARTMENT OF THE INTERIOR
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
WORKING DWG
RECOMMENDED
APPROVED
ORIENTATION
REVISED
BASIC DATA

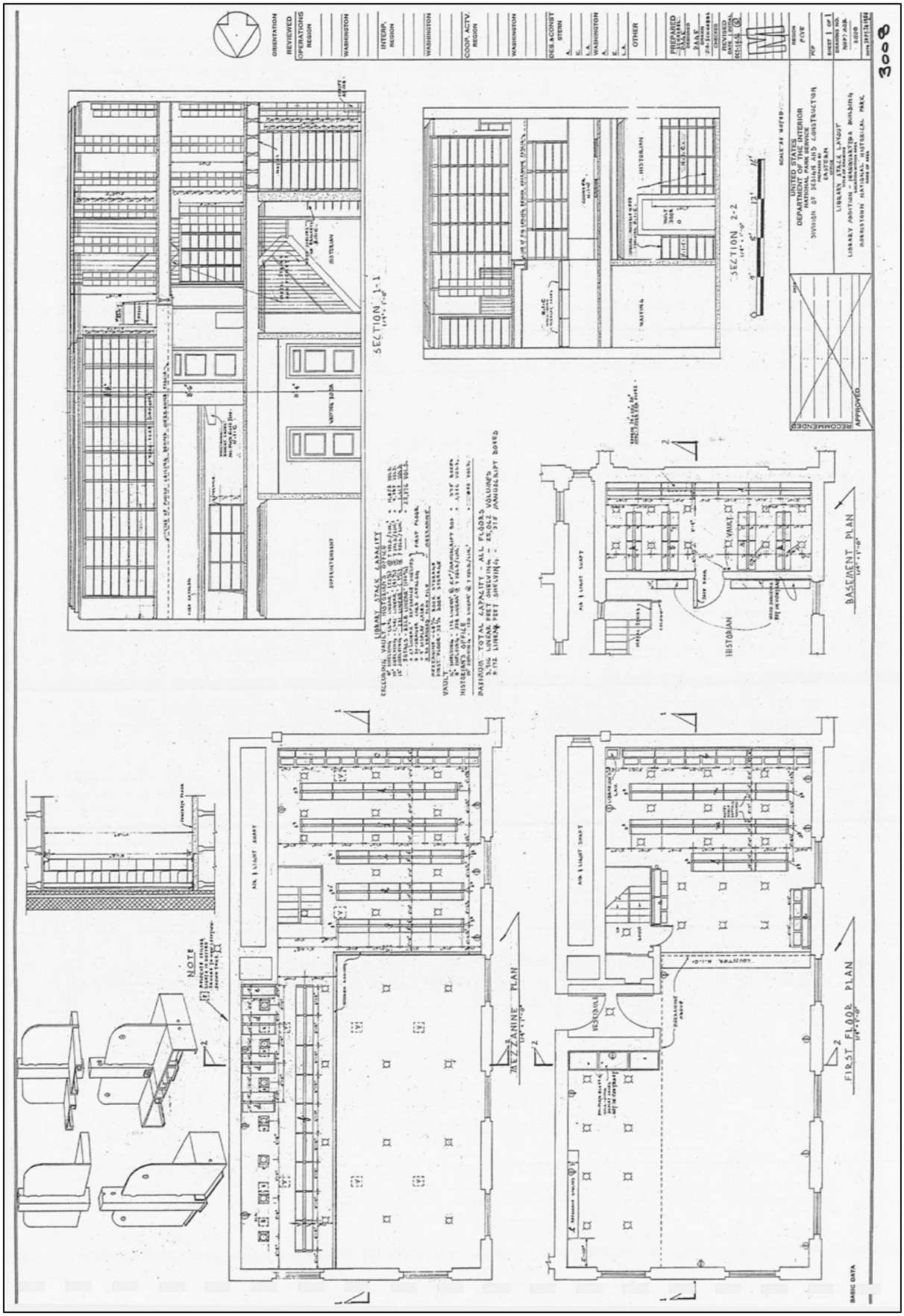

LIGHTING PANEL 3Φ 4WIRE A.C.
CIRCUIT No | POLES | BREAKER AMPS | LOAD | CIRCUIT No | POLES | BREAKER AMPS | LOAD
1 | 1 | 15 | 600W | 12 | 1 | 15 | 600W
2 | 1 | 15 | 600W | 13 | 1 | 15 | 700W
3 | 1 | 15 | 800W | 14 | 1 | 15 | 3Φ
4 | 1 | 15 | 800W | 15 | 1 | 15 | 700W
5 | 1 | 15 | 600W | 16 | 1 | 15 | 5Φ 10
6 | 1 | 15 | 600W | 17 | 1 | 15 | 6Φ 10
7 | 1 | 15 | 700W | 18 | 1 | 15 | 9Φ
8 | 1 | 15 | 800W | 19 | 1 | 15 | 7Φ
9 | 1 | 15 | 900W | 20 | 1 | 15 | SPARE
10 | 1 | 15 | 800W | 21 | 1 | 15 | SPARE
11 | 1 | 15 | 700W | 22 | 1 | 15 | SPARE
REFLECTED CEILING PLAN - MEZZANINE
REFLECTED CEILING PLAN - FIRST FLOOR
REFLECTED CEILING PLAN - BASEMENT
BASEBOARD RECEPTICLES
FLOOR RECEPTICLES
CEILING DIFFUSER
CEILING FIXTURE
ORIENTATION
REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
WASHINGTON
COOP. ACTV. REGION
WASHINGTON
DES. & CONST. EASTERN
WASHINGTON
OTHER
PREPARED
REVISED
WORKING DRAWINGS
ELECTRICAL
RECOMMENDED
APPROVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
REGION FIVE
SHEET 13 of 15
DRAWING NO. NHP MOR 3005

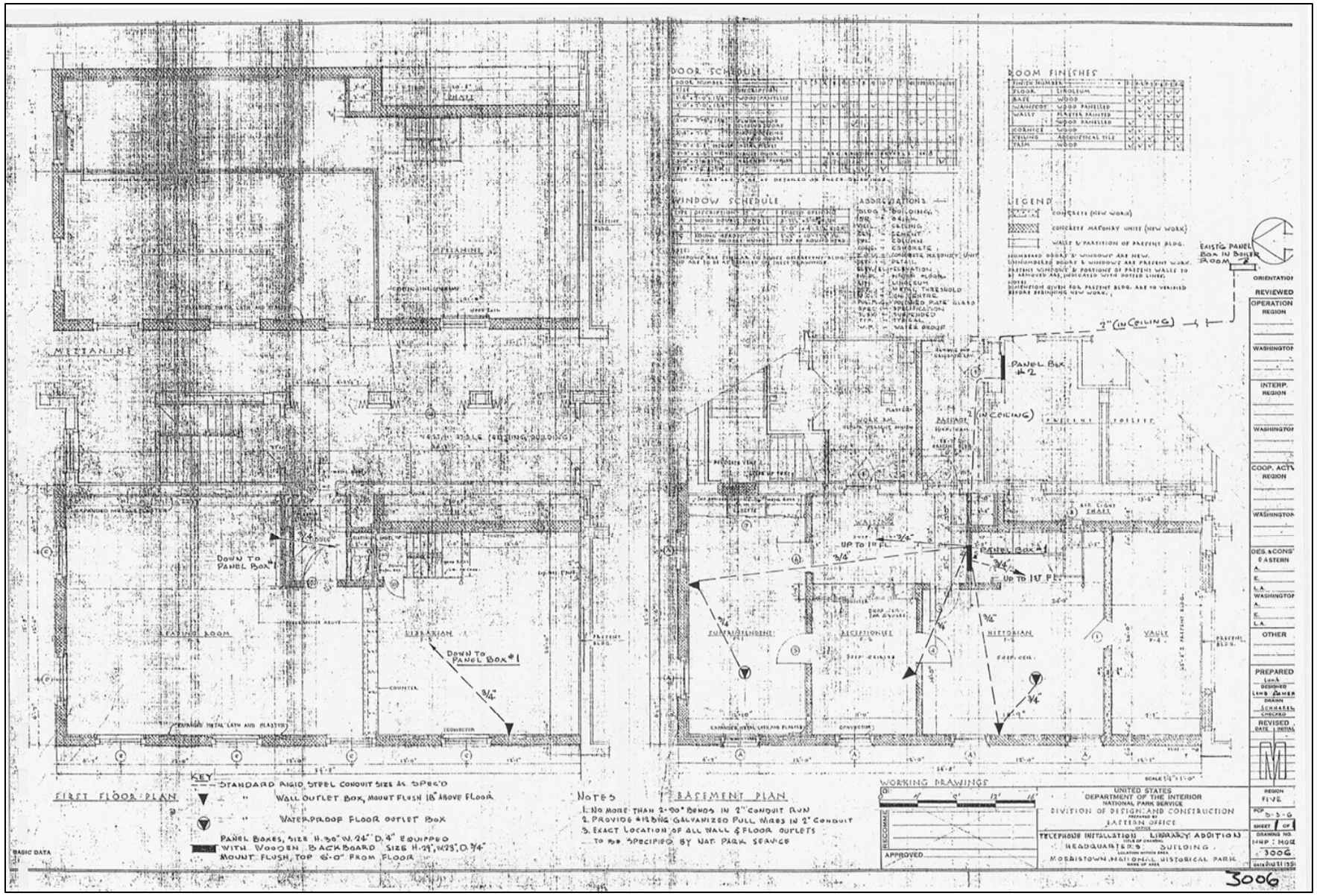

LONGITUDINAL SECTION A-A
SCALE 1/4" = 1 FT.
AUDITORIUM
STAGE
ATTIC AREA
NOTE
FAN
PLAN
FAN & LOUVRE ENCLOSURE
CROSS SECTION AUDITORIUM C-C
SCALE 1/4 IN. = 1 FOOT
ATTIC SPACE
EXHIBITION ROOM No. 3
EXHIBITION ROOM No. 1
INTRANCE HALL
LONGITUINAL SECTION B—B
SCALE 1/4" = 1 FT.
ROOF PLAN
SOUTH ELEVATION SHOWING NEW FRESH AIR VENT & CONDENSER DISCHARGE PIPE
ATTIC AREAS SHOWING FANS & INSULATION
WORKING DRAWINGS
UNITED STATES DEPARTMENT OF THE INTERIOR
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
FIVE
FRONT
NORTH


EXISTING BOILER AND FAN ROOM PLAN EL. 330'-0"
MECHANICAL INSTALATION. — EXISTING BUILDING
DETAIL "X"
CONCRETE PIT FOR OUTLET OF CONDENSER MOIST AIR DISCHARGE LINE
SCALE 3/4" = 1'-0"
EXISTING 62"x10" DUCT
EXISTING 62"x15" VENTILATING DUCT ON CEILING CUT IN FAN ROOM AND RECONNECT TO BYPASS ABOVE NEW EQUIPMENT AND DUCTS.
NEW 36"x12" SUPPLY A.C. DUCT LOCATE UNDER EXISTING VENTILATING DUCTS & PIPING
NEW 36"x12" RETURN A.C. DUCT LOCATE UNDER EXISTING VENTILATING DUCTS & PIPING
EXISTING PANEL
MAIN DISTRIBUTION PANEL USE 60 AMPERE 3 P. SPARE CIRCUIT FOR ELECTRIC SERVICE TO AIR CONDITIONING PROVIDE ALL WIRING, CONDUIT BOXES, STARTERS ETC. FROM THIS PANEL
NEW AIR CONDITIONER
EXISTING VENTILATING DUCT
EXISTING VENTILATING SYSTEM PLENUM
DISCONNECT FROM AIR WASHER
PROVIDE DAMPER TO REGULATE EX. AIR
MIXING BOX
DAMPER
BYPASS & DAMPER
CONNECT TOGETHER AT CEILING TO BYPASS EXISTING AIR WASHER AND PREHEATER, WHICH ARE TO BE REMOVED.
EXISTING 3/4" CAPPED AT END - NOT IN USE
NEW VALVES
EXISTING 3/4"
3" ZONING VALVE
3/4" MAIN FEED
WEST SIDE OF BLDG.
3" ZONING VALVE CAPPED
NOT PUMPING BLDG.
MAIN FEED
EAST SIDE OF BLDG.
BOILER #2
STEAM REGULATOR & PREHEATER
(NOT USED)
10 WASH. WAYS
UPPER LANDING
EXISTING PLUG
VACUUM PUMP
EXISTING TRANSFER
PITCH DOWN 1/4" TO 10'-0"
NEW 2" STEAM MAIN
EXISTING VENTILATING DUCT
EXISTING VENTILATING DUCT
EXISTING 4" SEWER
EXISTING CONDENSER
10 TON AIR COND. UNIT
SUPPLY PLENUM
RETURN PLENUM
FAN
FROM AIR INTAKE
EXISTING F.A.U.
SEE DETAIL "X"
SEE DR. #14
10" WASTE & 1/2" OVERFLOW TO A SEWER
15" D.
15"x10"
X = MOTORIZED ZONING VALVE PROVIDE ONE ON EACH BRANCH MAIN (3 IN ALL) AS INDICATED ON PLAN. SIZE OF VALVE SAME AS BRANCH MAIN. INSTALL THERMOSTAT IN EACH BLDG OR SECTION SERVED BY EACH OF ABOVE. BRANCH MAINS TO CONTROL EACH VALVE PROVIDE ALL NECESSARY ELECTRICAL CONNECTIONS AS PER MANUFACTURER'S RECOMMENDATIONS
ALL EXISTING VENTILATING PIPES & DUCTS ARE NOT SHOWN. NEW AIR CONDITIONING DUCTS TO BE RUN UNDER EXISTING DUCTS.
STEAM MAIN FOR NEW BUILDING TO BE RUN AS HIGH AS POSSIBLE AND PITCH DOWN IN DIRECTION OF STEAM FLOW 1/4" IN TEN FEET.
CONDENSER MOIST AIR DISCHARGE 10" I.D. EXTEND UNDERGROUND A MINIMUM OF 50'-0" FROM BLDG. PLUMBING PIPE CONNECTED BEHIND EXISTING SLOPE PIPE DOWN IN THIS DIRECTION 1/8" IN 1 FT.
WORKING DRAWINGS
SCALE 1/4" = 1'-0" AND AS NOTED
RECOMMENDED
APPROVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
PREPARED BY
EASTERN OFFICE
LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
ORIENTATION
REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
WASHINGTON
COOP. ACT REGION
WASHINGTON
DES. & CONS EASTERN
WASHINGTON
OTHER
PREPARED
DESIGNED
DRAWN
CHECKED
REVISED
REGION FIVE
BASIC DATA


CORNICE SECTION · FULL SIZE
SUPERINTENDENT'S OFFICE
OUTLOOKERS
ACOUSTICAL CEILING
CURTAIN POCKET AT WINDOWS SUPT'S OFFICE ONLY
NORMAL SOFFIT OF CORNICE
9'-11" FLOOR TO CEILING
SEE GALV. DUCT
CEILING IN CLOSET
CLOSET
BY-PASSING
SLIDING DOORS
BY-PASSING SLIDING DOORS
PLINTH
TWO SLIDING DOORS
TWO SLIDING DOORS
JAMB SECTION · FULL SIZE
NORTH WALL OF SUPERINTENDENTS OFFICE
OPP. SIDE SIMILAR FOR 6½" C.M.U
FOR 6" C.M.U
PROFILE OF WAINSCOT CAP
2-2"x12" HEADER
THREE PAIRS (SIX) BY PASSING SLIDING DOORS No (7) #606 STERLING TRACKS
CLOSET
2" AT JAMBS
SHOWING RECALL OF WAINSCOT & PANELS
SIMILAR FOR 1¾" DOORS 5-6-7 - ON SUPT'S OFFICE SIDE
FULL SIZE HEAD SECTION
WAINSCOT CAP
SUPERINTENDENT OFFICE SIDE
3" DOOR
FACE OF PLASTER
PANELLING BELOW
WAINSCOT CAP
PLAN AT SUPT'S CLOSETS
SCALE ¾"=1'-0"
3'-9" DOOR OPG. SIDES 3'-9⅛" CENTER
FULL SIZE CLOSET DOORS
2" AT JAMB
SCALE FULL SIZE
WORKING DRAWINGS.
RECOMMENDED
APPROVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
PREPARED BY
EASTERN
OFFICE
LIBRARY ADDITION
TITLE OF DRAWING
HEADQUARTERS BUILDING
LOCATION WITHIN AREA
MORRISTOWN NATIONAL HISTORICAL PARK
NAME OF AREA
ORIENTATION
REVIEWED
OPERATIONS REGION
WASHINGTON
INTERP. REGION
WASHINGTON
COOP. ACTV REGION
WASHINGTON
DES. & CONST. EASTERN
A.
E.
L.A.
WASHINGTON
A.
E.
L.A.
OTHER
PREPARED J.G. SCHAUBE
DESIGNED J.G. SCHAUBE
DRAWN GABOT
CHECKED
REVISED
DATE INITIAL
FIVE
FOR 5-3-6
SHEET 3 OF 15
DRAWING NO. N.H.P. MOR 3005
DATE JAN 21-56
BASIC DATA


PROPOSED LAVATORY & SINK FOR LIBRARIAN & CURATOR.
(LOCATION OF LAV. & LAUNDRY TRAY AS DIRECTED BY SUPERINTENDENT.)
SECTION AT 'A' & 'B'
FIRST FLOOR PLAN
(PART) BASEMENT FLOOR PLAN
PART-BASEMENT FLOOR PLAN
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
LIBRARY EXPANSION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
SCALE 1/4"=1'-0"
N


SECTION 1-1
SECTION 2-2
BASEMENT PLAN
FIRST FLOOR PLAN
MEZZANINE PLAN
UNITED STATES
DEPARTMENT OF THE INTERIOR
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN
LIBRARY STACK LAYOUT
LIBRARY ADDITION
BARNSTOWN NATIONAL HISTORICAL PARK
RECOMMENDED
APPROVED
BASIC DATA
NOTE


FIRST FLOOR PLAN
BASEMENT PLAN
KEY
STANDARD RIGID STEEL CONDUIT SIZES AS SPEC'D
WALL OUTLET BOX, MOUNT FLUSH 18" ABOVE FLOOR
WATERPROOF FLOOR OUTLET BOX
PANEL BOXES, SIZE H.30" W.24" D.4" EQUIPPED WITH WOODEN BACKBOARD SIZE H.29", W.23", D.3/4" MOUNT FLUSH, TOP 6'-0" FROM FLOOR
NOTES
1. NO MORE THAN 2-90° BENDS IN 2" CONDUIT RUN
2. PROVIDE #12 B&S GALVANIZED PULL WIRES IN 2" CONDUIT
3. EXACT LOCATION OF ALL WALL & FLOOR OUTLETS TO BE SPECIFIED BY NAT. PARK SERVICE
DOOR SCHEDULE
WINDOW SCHEDULE
ABBREVIATIONS
LEGEND
ROOM FINISHES
MEZZANINE
DOWN TO PANEL BOX #1
PANEL BOX #2
PANEL BOX #1
UP TO 1ST FL.
2" (IN CEILING)
RECEPTIONIST
HISTORIAN
VAULT
PASSAGE
WORKING DRAWINGS
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF DESIGN AND CONSTRUCTION
EASTERN OFFICE
TELEPHONE INSTALLATION LIBRARY ADDITION
HEADQUARTERS BUILDING
MORRISTOWN NATIONAL HISTORICAL PARK
REVIEWED
OPERATION
REGION
FIVE
PREPARED
DRAWING NO.
3006
APPROVED
RECOMMENDED
3006

APPENDIX D.

"REMODELING OF THE MUSEUM AND FORD MANSION, MORRISTOWN NATIONAL HISTORICAL PARK"

Measured Drawings, 1974

Denver Service Center
National Park Service

Only the drawings pertaining to the museum are included here.

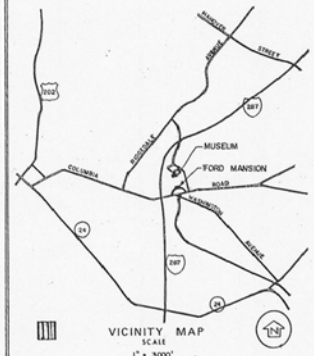
REMODELING OF THE MUSEUM AND FORD MANSION

MORRISTOWN NATIONAL HISTORICAL PARK

MORRISTOWN, NEW JERSEY

SHEET INDEX

SHEET	DWG.	TITLE
1	T—1	TITLE SHEET
2	A—1	ARCHITECTURAL, MUSEUM, GND & 1ST FL PLANS, EXISTING
3	A—2	GND & 1ST FL PLANS, NEW
4	A—3	ALTERATION DETAILS
5	A—4	
6	A—5	
7	A—6	
8	A—7	
9	A—8	ALTERATION DETAILS
10	A—9	RM FINISH SCHED, GND FL
11	A—10	RM FINISH SCHED, FIRST FL
12	A—11	DOOR SCHED
13	A—12	EXHIBIT CASE WORK
14	A—13	EXHIBIT CASE WORK
15	A—14	DIORAMA & DETAILS
16	A—15	ARCHITECTURAL, MUSEUM, PROJECTION SCREEN & DETAILS
17	M/E—1	MECH & ELEC UTILITY SITE PLAN & DET'S
18	M—1	MECH, PLMBG, MUSEUM, GND FL, N
19	M—2	GND FL, S
20	M—3	PLMBG 1ST & 2ND FL'S COMPLETE
21	M—4	HVAC GND FL, N
22	M—5	GND FL, S
23	M—6	1ST FL, N
24	M—7	1ST FL, S
25	M—8	2ND FL, N
26	M—9	2ND FL, S
27	M—10	DETAILS & SECTIONS
28	M—11	SCHEM DIAG & EQUIP. SCH
29	M—12	MUSEUM, SCHEM DIAG & EQUIP. SCH
30	M—13	MANSION, BASEMENT
31	M—14	1ST & 2ND FL PLANS
32	M—15	MECH HVAC MANSION, ATTIC
33	E—1	ELEC MUSEUM, LIGHTING, GND FL, N
34	E—2	GND FL, S
35	E—3	1ST FL, N
36	E—4	1ST FL, S
37	E—5	2ND FL, N
38	E—6	LIGHTING, 2ND FL, S
39	E—7	MUSEUM, ELEC SCHEM
40	E—8	MANSION, WIRING, & MUSEUM SCHEMATIC
41	E—9	MUSEUM, INSTL DETAILS
42	E—10	PANEL SCHEDULES
43	E—11	MUSEUM, FIRE ALARMS
44	E—12	ELEC MANSION, FIRE ALARMS
45	ME—1	
46	——	ROOF DETAILS
47	——	ROOF DETAILS



VICINITY MAP
SCALE
1" = 3000'

GENERAL NOTE FOR ALL DRAWINGS:
1. UNLESS INDICATED AS "NEW", CONDITIONS SHOWN ARE EXISTING.
2. "NEW" LEFT ON AS BUILTS TO DIFFERENTIATE FROM ORIGINAL CONST. 1935 & 1956.

(B) AS-CONSTRUCTED DWG.
CONTRACT NO. CX 1600-5-9006

PROJECT NO. 4660-4728, 5261

Code	REVISION	Date	Initial
A	SH. 17A RELOCATED NEW 200 KVA TRANSFORMER BY POWER CO. AND ADDED ELECTRICAL M.H.		
B	AS-CONSTRUCTED DWG.	9/76	W.D.S

SIC DATA

This drawing has been prepared in compliance with Preliminary/Comprehensive Design Drawing No. 337 41,007 Approved by JERRY D. WAGERS
REGIONAL DIRECTOR AUG. 16, 1974
Director DSC — Date 10-24-74 — Date

A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY

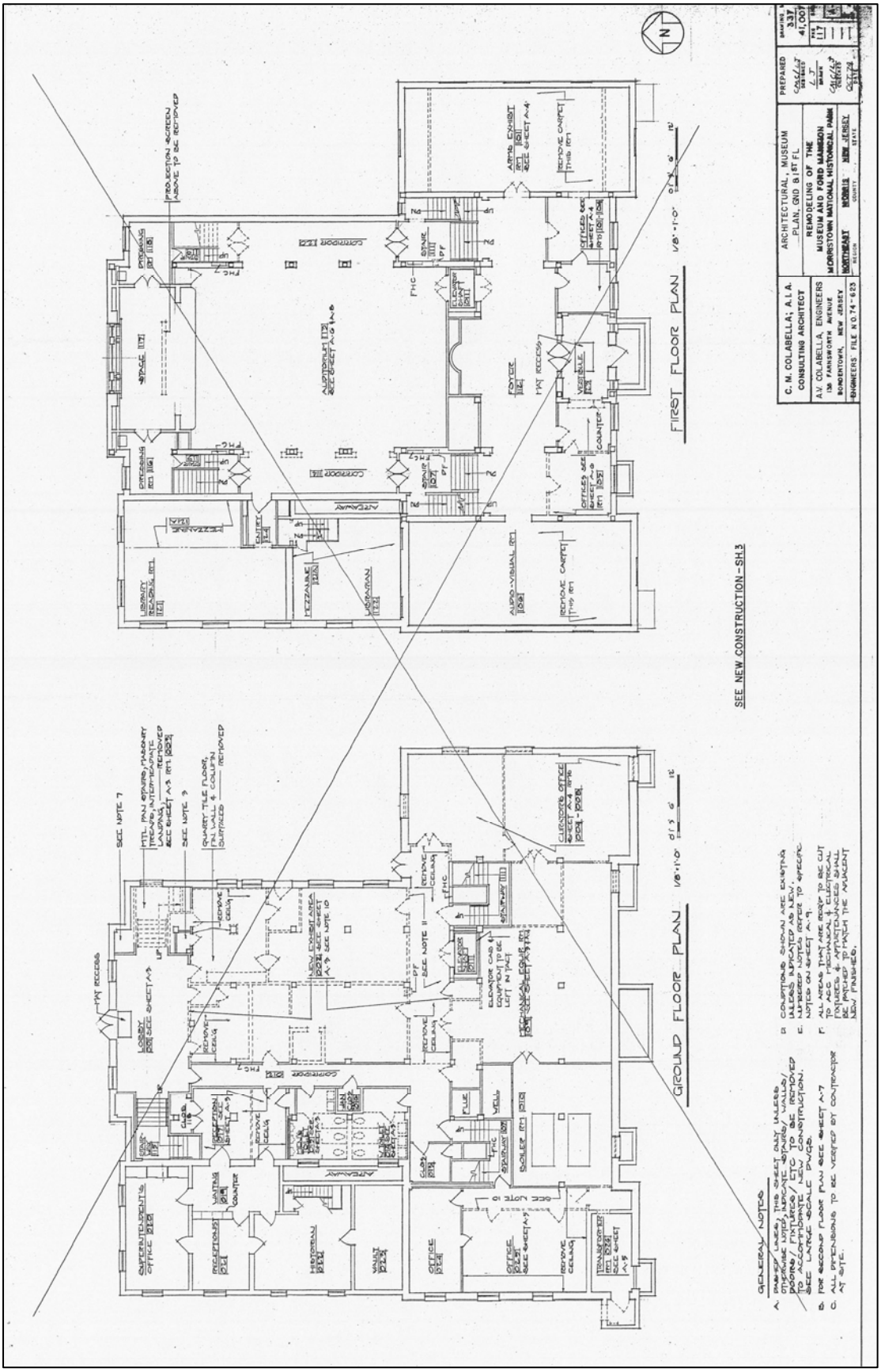
WORK DIRECTIVE NO. 3-0039-74-04
BASIC AGREEMENT NO. CX-2200-3-0039
ENGINEER'S FILE NO. 74-623

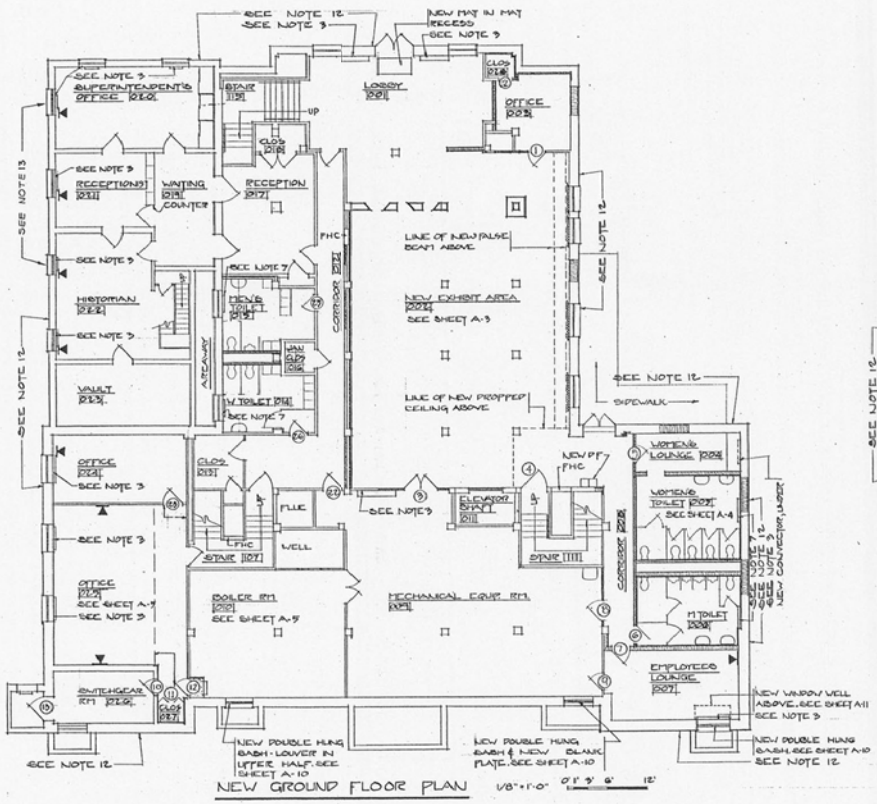
AS CONSTRUCTED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DENVER SERVICE CENTER

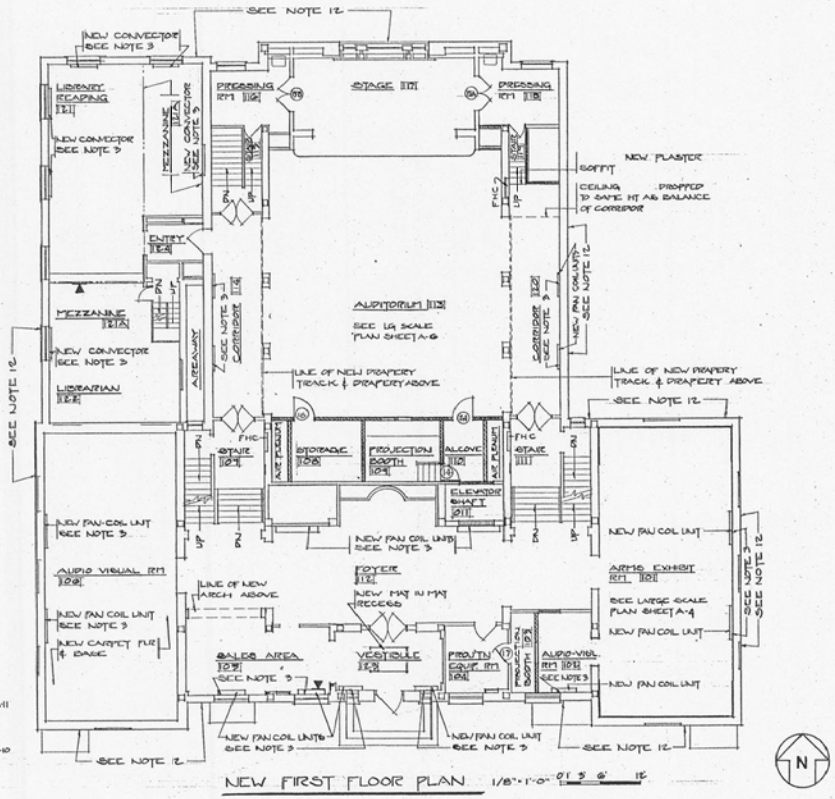
PREPARED
NAW
DESIGNED
MAV
DRAWN
H.H.R.
CHECKED
SEPT 74
DATE

TITLE OF DRAWING
TITLE SHEET
LOCATION WITHIN PARK
MUSEUM AND FORD MANSION
NAME OF PARK
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION — MORRIS COUNTY — NEW JERSEY STATE

DRAWING NO. 337 41,007 B
PKG 117 107
SHEET T-1
1 OF 47


FIRST FLOOR PLAN
1/8"=1'-0"
GROUND FLOOR PLAN
1/8"=1'-0"
SEE NEW CONSTRUCTION - SH.3
C. M. COLABELLA; A.I.A.
CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
MORRIS
NEW JERSEY
NORTHEAST
ENGINEERS FILE NO. 74-623
GENERAL NOTES





NOTE: FOR NEW SECOND FLOOR PLAN SEE SHEET A-7

NOTE: EXTERIOR COMPLETELY PAINTED INCLUDING MASONRY, FERROUS METALS, & ALL EXTERIOR WOODWORK. SEE NOTE 12.

NOTE: CONDITIONS SHOWN ARE EXISTING UNLESS INDICATED AS NEW.

NOTE: NUMBERED NOTES REFER TO SPECIFIC NOTES ON SHEET A-9.

NOTE: ALL AREAS CUT TO ACC NEW MECHANICAL & ELECTRICAL FIXTURES & APPURTENANCES MATCHED MATCHES THE ADJACENT NEW FINISHES.

NOTE: ELEVATOR CAB & EQUIPMENT LEFT IN PACT & SHAFT CLOSED

NOTE: ALL EXTERIOR WINDOWS, DOORS, & OTHER OPENINGS ARE CAULKED.

NOTE: SEALANTS APPLIED TO ALL CRACKS IN MASONRY SURFACES.

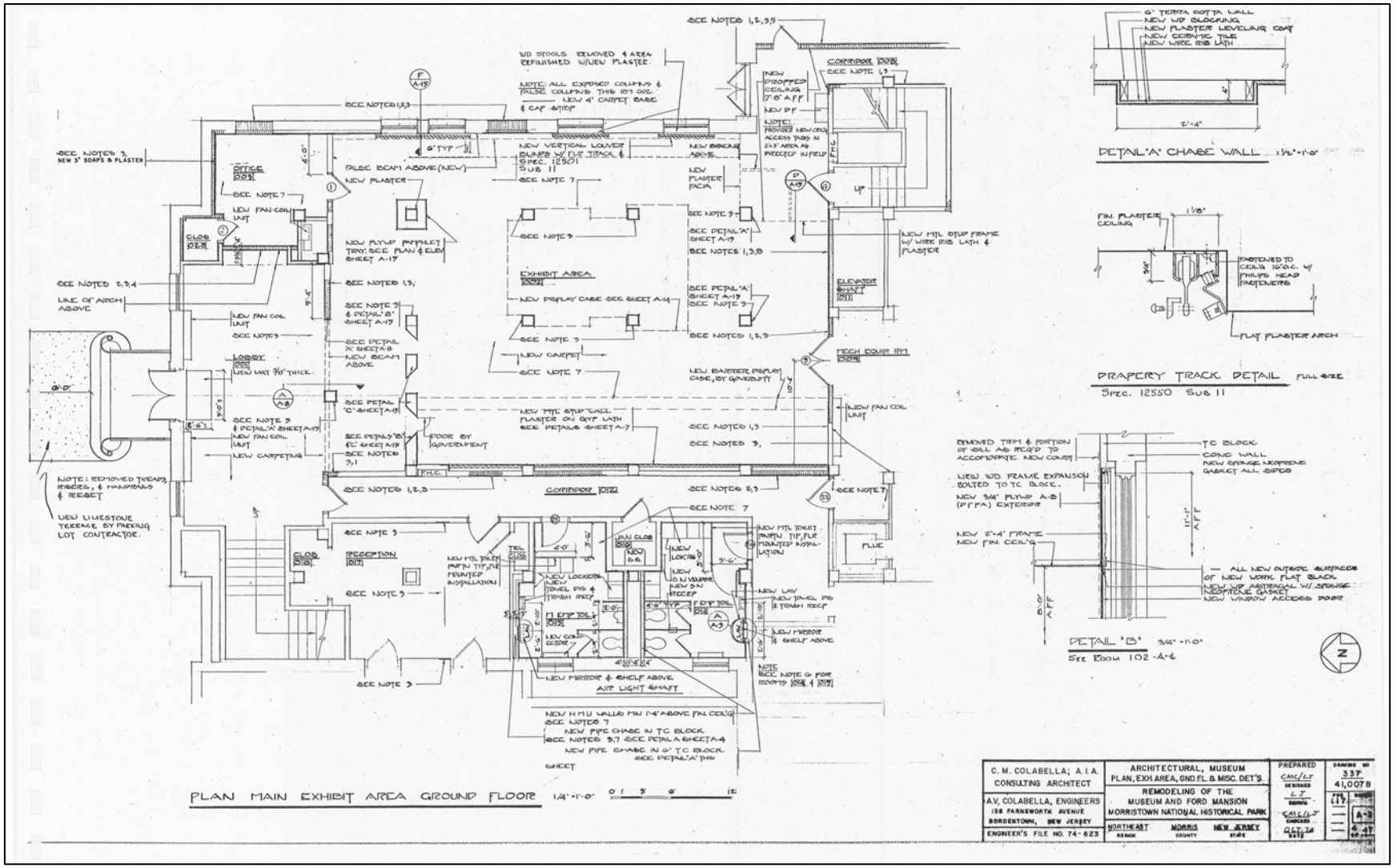
NOTE: ALL BROKEN & OR CRACKED GLASS WAS REPLACED.

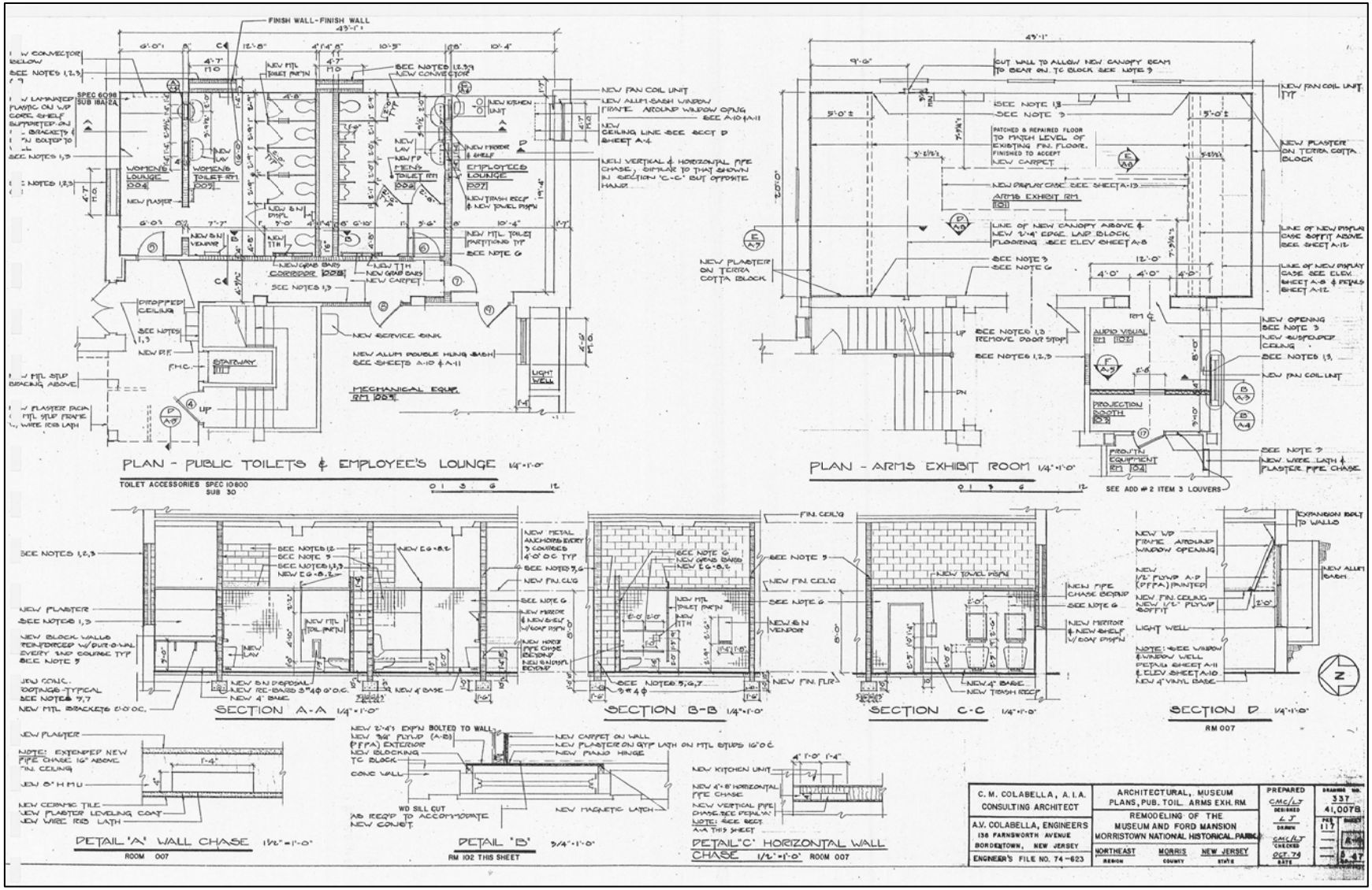
NOTE: ALL LOOSE & OR DETERIORATED WINDOW PUTTY IS REPLACED.

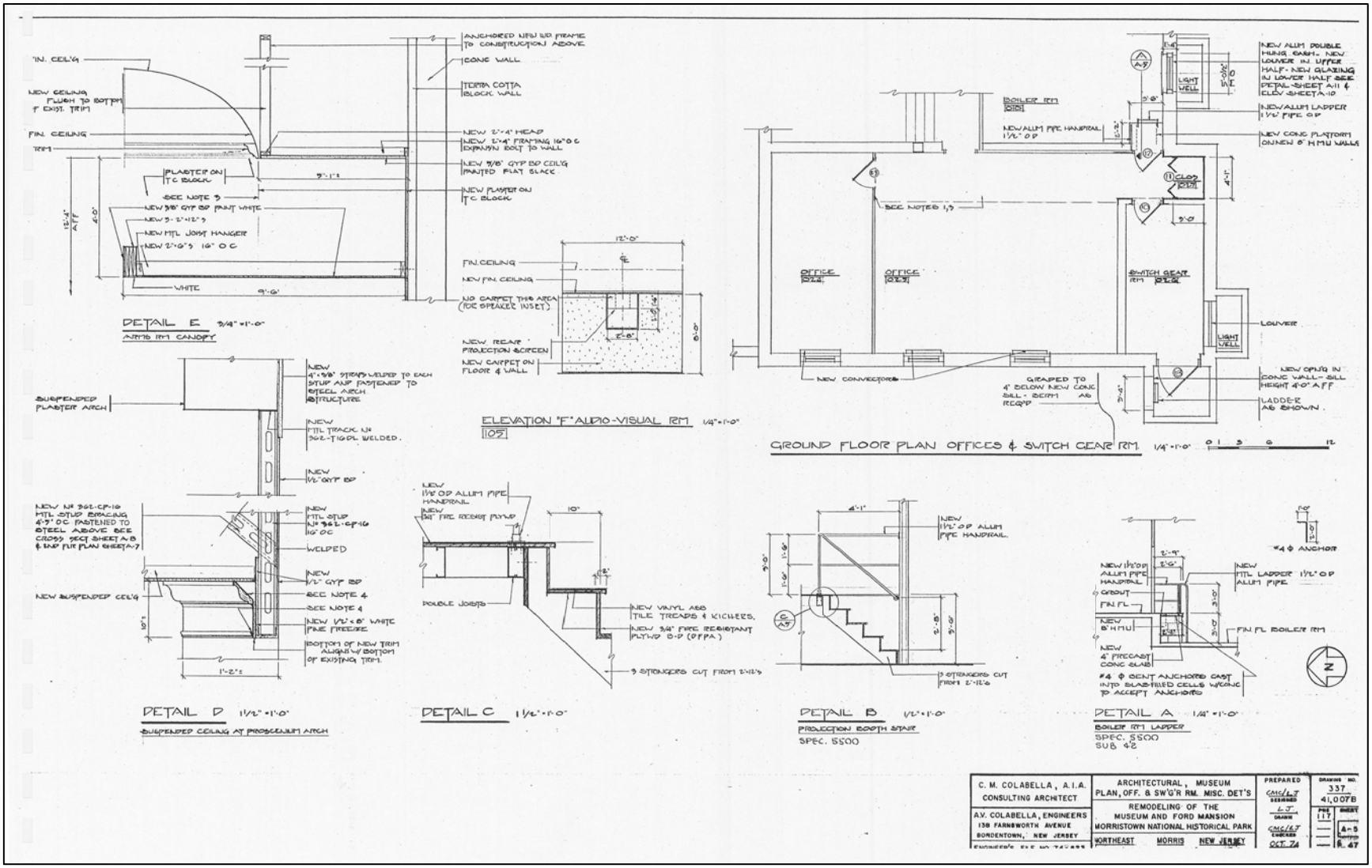
NOTE: ALL ROOM SURFACES PATCHED AS INDICATED, MATCHES ADJACENT AREAS

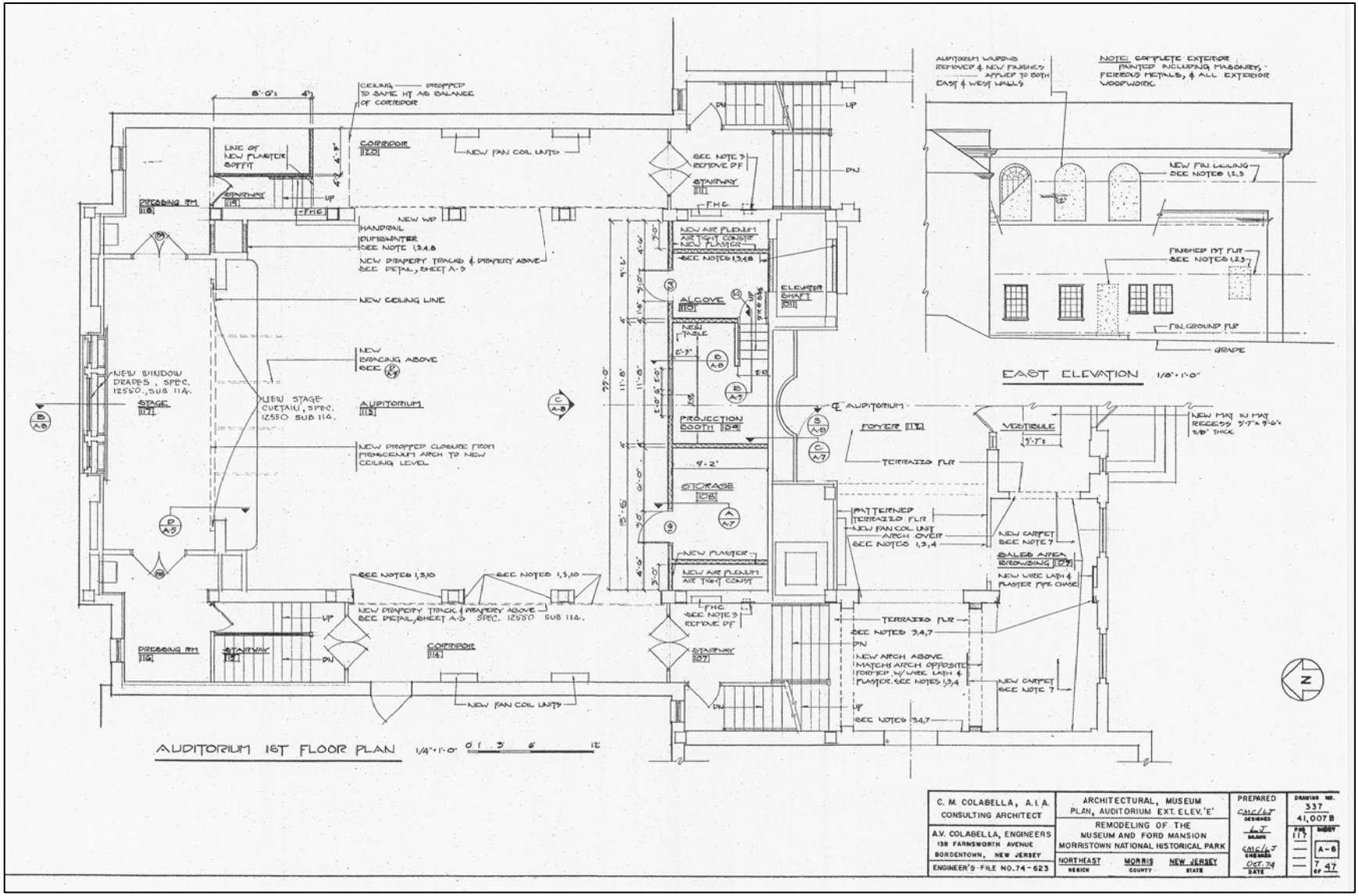
▼ TELEPHONE

C. M. COLABELLA; A.I.A. CONSULTING ARCHITECT	ARCHITECTURAL, MUSEUM PLAN, NEW GND & FL'S	PREPARED CMC/LJ DESIGNED LJ DRAWN CMC/LJ ENGINEER OCT. 74 DATE	DRAWING NO. 337 41,007B
A.V. COLABELLA, ENGINEERS, 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY	REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK		FIG. 117
ENGINEER'S FILE NO. 74-623	NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)		3 OF 47

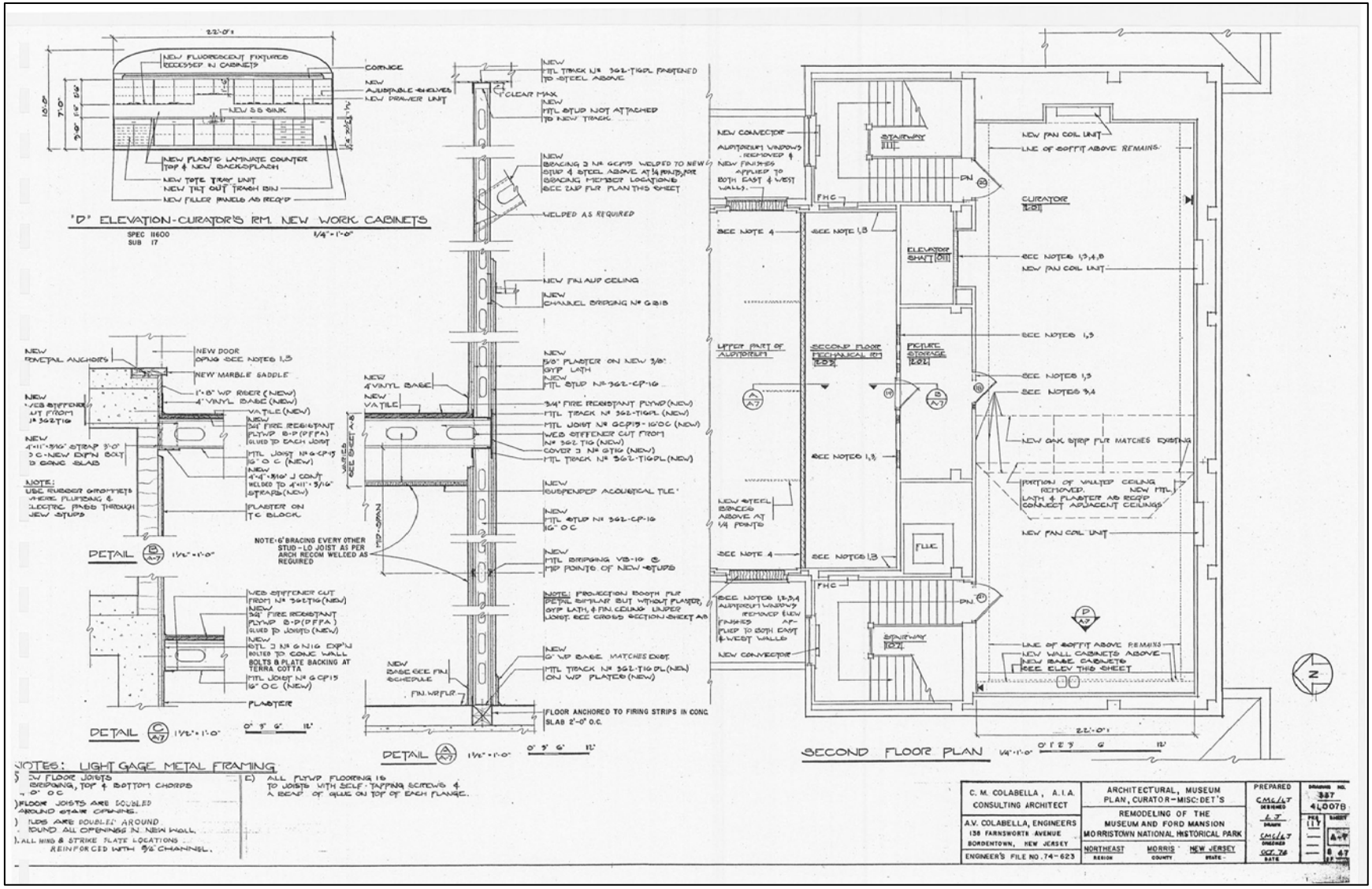

PLAN MAIN EXHIBIT AREA GROUND FLOOR 1/4"=1'-0"
DETAIL 'A' CHASE WALL 1 1/2"=1'-0"
DRAPERY TRACK DETAIL FULL SIZE
SPEC. 12550 SUB 11
DETAIL 'B' 3/4"=1'-0"
SEE ROOM 102-A-4
EXHIBIT AREA 002
CORRIDOR 008
CORRIDOR 012
OFFICE 009
LOBBY 001
RECEPTION 017
ELEVATOR SHAFT 011
MECH EQUIP RM 004
AIR LIGHT SHAFT
C. M. COLABELLA; A.I.A.
CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
ARCHITECTURAL, MUSEUM
PLAN, EXH. AREA, GND FL. & MISC. DET'S.
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST
MORRIS
NEW JERSEY
PREPARED
CMC/LT
DRAWING NO
337
41,007B

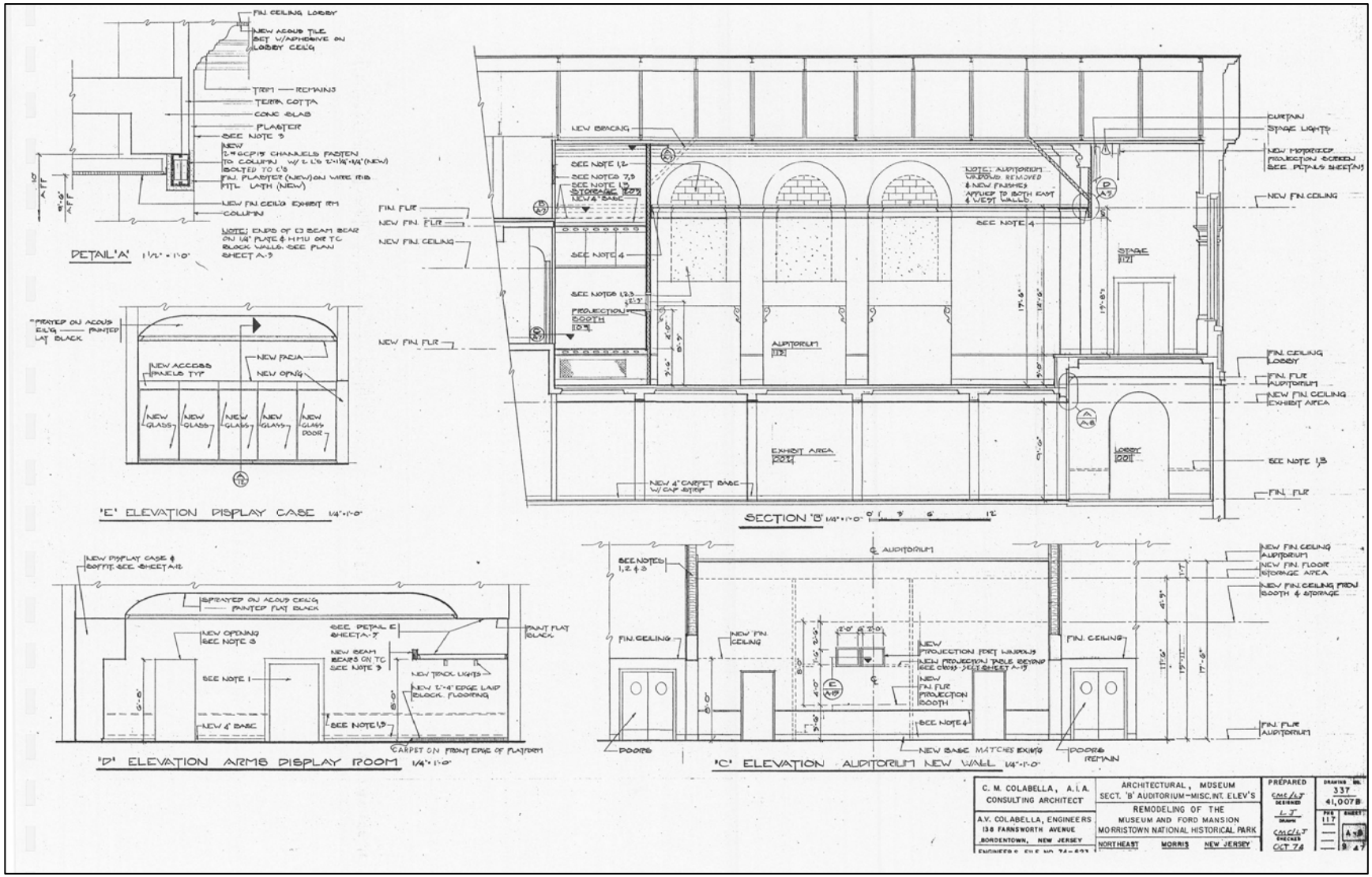

PLAN - PUBLIC TOILETS & EMPLOYEE'S LOUNGE 1/4"=1'-0"
TOILET ACCESSORIES SPEC 10800 SUB 30
PLAN - ARMS EXHIBIT ROOM 1/4"=1'-0"
SEE ADD #2 ITEM 3 LOUVERS
SECTION A-A 1/4"=1'-0"
SECTION B-B 1/4"=1'-0"
SECTION C-C 1/4"=1'-0"
SECTION D 1/4"=1'-0"
RM 007
DETAIL 'A' WALL CHASE 1½"=1'-0"
ROOM 007
DETAIL 'B' 3/4"=1'-0"
RM 102 THIS SHEET
DETAIL 'C' HORIZONTAL WALL CHASE 1½"=1'-0" ROOM 007
C. M. COLABELLA, A. I. A.
CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS
136 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
ARCHITECTURAL, MUSEUM PLANS, PUB. TOIL. ARMS EXH. RM.
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED
CMC/LJ DESIGNED
LJ DRAWN
CMC/LJ CHECKED
OCT. 74 DATE
DRAWING NO. 337
41,007B
PCS 117
SHEET 8 OF 47


DETAIL E 3/4" = 1'-0"
ARTS RM CANOPY
ELEVATION "F" AUDIO-VISUAL RM 1/4" = 1'-0"
105
GROUND FLOOR PLAN OFFICES & SWITCH GEAR RM. 1/4" = 1'-0"
DETAIL D 1 1/2" = 1'-0"
SUSPENDED CEILING AT PROSCENIUM ARCH
DETAIL C 1 1/2" = 1'-0"
DETAIL B 1/2" = 1'-0"
PROJECTION BOOTH STAIR
SPEC. 5500
DETAIL A 1/4" = 1'-0"
BOILER RM LADDER
SPEC. 5500
SUB 4.2
C. M. COLABELLA, A.I.A.
CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ARCHITECTURAL, MUSEUM
PLAN, OFF. & SW'G'R RM. MISC. DET'S
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST MORRIS NEW JERSEY
PREPARED
CMC/LJ
DESIGNED
LJ
DRAWN
CMC/LJ
CHECKED
OCT. 74
DRAWING NO.
337
41,007B
PAGE 117
SHEET A-5
SCALE 1/4" = 1'-0"
R. 47



C. M. COLABELLA, A.I.A. CONSULTING ARCHITECT	ARCHITECTURAL, MUSEUM PLAN, AUDITORIUM EXT. ELEV. 'E'	PREPARED CMC/LJ DESIGNED	DRAWING NO. 337 41,007B
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY	REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK	LJ DRAWN	FIG. 117 SHEET A-8
ENGINEER'S FILE NO. 74-623	NORTHEAST REGION · MORRIS COUNTY · NEW JERSEY STATE	CMC/LJ ENGINEER	
		OCT. 74 DATE	7 OF 47


"D" ELEVATION-CURATOR'S RM. NEW WORK CABINETS
SPEC 11600 SUB 17
1/4"=1'-0"
NEW FLUORESCENT FIXTURES RECESSED IN CABINETS
CORNICE
NEW ADJUSTABLE SHELVES
NEW DRAWER UNIT
NEW SS SINK
NEW PLASTIC LAMINATE COUNTER TOP & NEW BACKSPLASH
NEW TOTE TRAY UNIT
NEW TILT OUT TRASH BIN
NEW FILLER PANELS AS REQ'D
DETAIL B/A7 1½"=1'-0"
NEW METAL ANCHORS
NEW DOOR OPNG SEE NOTES 1,3
NEW MARBLE SADDLE
1"·8" WD RISER (NEW)
4" VINYL BASE (NEW)
VA TILE (NEW)
NEW ¾" FIRE RESISTANT PLYWD B-D (PFPA) GLUED TO EACH JOIST
MTL JOIST Nº G-CP13 16" O.C. (NEW)
NEW 4"x4"x3/16" J CONJT WELDED TO 4"x11"x3/16" STRAPS (NEW)
PLASTER ON TC BLOCK
NOTE: USE RUBBER GROMMETS WHERE PLUMBING & ELECTRIC PASS THROUGH NEW STUDS
DETAIL C/A7 1½"=1'-0"
0' 3' 6' 12'
NEW VINYL BASE
NEW VA TILE
NEW ¾" FIRE RESISTANT PLYWD (NEW)
MTL TRACK Nº 362-TIGPL (NEW)
MTL JOIST Nº GCP13-16" OC (NEW)
WEB STIFFENER CUT FROM Nº 362-TIG (NEW)
COVER J Nº G-TIG (NEW)
MTL TRACK Nº 362-TIGDL (NEW)
NEW SUSPENDED ACOUSTICAL TILE
NEW MTL STUD Nº 362-CP-16 16" O.C.
NEW MTL BRIDGING VB-10 @ MID POINTS OF NEW STUDS
NOTE: PROJECTION BOOTH FLR DETAIL SIMILAR BUT WITHOUT PLASTER, GYP LATH, & FIN. CEILING UNDER JOIST. SEE CROSS SECTION SHEET A8
NEW 6" WD BASE MATCHES EXIST.
MTL TRACK Nº 362-TIG DL (NEW) ON WD PLATED (NEW)
FLOOR ANCHORED TO FIRING STRIPS IN CONC SLAB 2'-0" O.C.
DETAIL A/A7 1½"=1'-0"
0' 3' 6' 12'
NEW MTL TRACK Nº 362-TIGDL FASTENED TO STEEL ABOVE
CLEAR MAX
NEW MTL STUD NOT ATTACHED TO NEW TRACK
NEW BRACING 2 Nº GCP13 WELDED TO NEW STUD & STEEL ABOVE AT ¼ POINTS, FOR BRACING MEMBER LOCATIONS SEE 2ND FLR PLAN THIS SHEET
WELDED AS REQUIRED
NEW FIN AUD CEILING
NEW CHANNEL BRIDGING Nº G 213
NEW 5/8" PLASTER ON NEW 3/8" GYP LATH
NEW MTL STUD Nº 362-CP-16
NOTE: 6' BRACING EVERY OTHER STUD - LO JOIST AS PER ARCH RECOM WELDED AS REQUIRED
NEW BASE SEE FIN SCHEDULE
FIN. WD FLR
NEW CONVECTOR
AUDITORIUM WINDOWS REMOVED & NEW FINISHES APPLIED TO BOTH EAST & WEST WALLS
STAIRWAY 111
FHC
SEE NOTE 4
SEE NOTE 1,3
ELEVATOR SHAFT 101
UPPER PART OF AUDITORIUM
SECOND FLOOR MECHANICAL RM 103
PICTURE STORAGE 102
NEW STEEL BRACED ABOVE AT 1/4 POINTS
FLUE
SEE NOTES 1,2,3,4 AUDITORIUM WINDOWS REMOVED & NEW FINISHES APPLIED TO BOTH EAST & WEST WALLS
NEW FAN COIL UNIT
LINE OF SOFFIT ABOVE REMAINS
CURATOR 101
SEE NOTES 1,3,4,8
SEE NOTES 1,3
SEE NOTES 3,4
NEW OAK STRIP FLR MATCHES EXISTING
PORTION OF VAULTED CEILING REMOVED. NEW MTL LATH & PLASTER AS REQ'D CONNECT ADJACENT CEILINGS
LINE OF SOFFIT ABOVE REMAINS
NEW WALL CABINETS ABOVE
NEW BASE CABINETS
SEE ELEV THIS SHEET
22'-0"
SECOND FLOOR PLAN 1/4"=1'-0"
0' 1' 2' 3' 6' 12'
NOTES: LIGHT GAGE METAL FRAMING
A) NEW FLOOR JOISTS BRIDGING, TOP & BOTTOM CHORDS 2'-0" O.C.
B) FLOOR JOISTS ARE DOUBLED AROUND STAIR OPENING.
C) JOISTS ARE DOUBLED AROUND & ROUND ALL OPENINGS IN NEW WALL.
D) ALL HINGE & STRIKE PLATE LOCATIONS REINFORCED WITH 3/8" CHANNEL.
E) ALL PLYWD FLOORING IS TO JOISTS WITH SELF-TAPPING SCREWS & A BEAD OF GLUE ON TOP OF EACH FLANGE.
C. M. COLABELLA, A.I.A. CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
ARCHITECTURAL, MUSEUM PLAN, CURATOR-MISC. DET'S
REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED
CMC/LT DESIGNED
LT DRAWN
CMC/LT CHECKED
OCT. 76 DATE
DRAWING NO. 387 40078
SHEET A-7
6 47


DETAIL 'A' 1½" = 1'-0"
'E' ELEVATION DISPLAY CASE 1/4" = 1'-0"
SECTION 'B' 1/4" = 1'-0"
'D' ELEVATION ARMS DISPLAY ROOM 1/4" = 1'-0"
'C' ELEVATION AUDITORIUM NEW WALL 1/4" = 1'-0"
C. M. COLABELLA, A.I.A. CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ARCHITECTURAL, MUSEUM
SECT. 'B' AUDITORIUM-MISC. INT. ELEV'S
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST MORRIS NEW JERSEY
PREPARED
DESIGNED
DRAWN
CHECKED
OCT 74
DRAWING NO.
337
41,007B
PFS
117
SHEET
A-18
9 of 47

ROOM SCHEDULE, NEW FINISHES

ROOM	NO.	FLOOR: VINYL ASBESTOS TILE	FLOOR: CARPET	FLOOR: CERAMIC TILE	FLOOR: EXIST. FIN TO REMAIN	FLOOR: PROCEED AS REQUIRED TO MATCH ADJ. AREA	BASE: VINYL	BASE: CERAMIC TILE	BASE: CARPET	BASE: EXIST. TO REMAIN	BASE: PROCEED AS REQUIRED TO MATCH ADJ. AREA	BASE: EXISTING TO REMAIN EXCEPT AT NEW DOOR	BASE: PROCEED AS REQUIRED TO MATCH ADJ. AREA	WALLS: PLASTER	WALLS: CERAMIC TILE	WALLS: GYPSUM BD	WALLS: EXPOSED MASONRY	WALLS: EXIST. TO REMAIN	WALLS: PROCEED AS REQUIRED TO MATCH ADJ. AREA	WALLS: CARPET	CEILING: PLASTER	CEILING: SUSP. ACOUSTICAL TILE A	CEILING: SUSP. ACOUSTICAL TILE B	CEILING: ACOUSTICAL TILE C	CEILING: EXISTING TO REMAIN	CEILING: PROCEED AS REQUIRED TO MATCH ADJ. AREA	CEILING: HEIGHT	PAINT/STAIN: FLOOR	PAINT/STAIN: WALLS	PAINT/STAIN: CEILING	PAINT/STAIN: DOORS/WINDOWS	PAINT/STAIN: TRIM	REMARKS
LOBBY	001		●							●	●							●	●								12'0		●		●	●	
EXHIBIT AREA	002		●			●			●				●	X					X	●		●					9'6"		●		●	●	NEW VINYL CAP STRIP ON BASE NEW LOUVER BLINDS ON EAST WALL NEW ACCESS PANEL IN E.S. AREA OF CEILING
OFFICE	003		●						●				●	X					X				●				7'10"		●		●	●	
WOMENS LOUNGE	004			●				●					X	X					X				●				8'0"		●		●	●	
WOMENS TOILET	005			●				●					X		●								●				8'0"				●	●	
MENS TOILET	006			●				●					X		●								●				8'0"				●	●	
EMPLOYEES LOUNGE	007	●					●						●	X					X				●				8'0"		●		●	●	
CORRIDOR	008		●						●				●	X					X				●				7'8"		●		●	●	NEW VINYL CAP STRIP ON BASE
MECH. EQUIP. ROOM	009				●					●							X	●							●		14'6"						WALL ACCOM NEW DOOR
BOILER ROOM	010				●		●			●								●							●		14'6"						
ELEVATOR SHAFT	011																X	●															
CORRIDOR	012				●		●			●	X			X					X					●	●		7'-2½		●		●	●	
CLOSET	013				●					●								●							●		10'-0½		●	●	●	●	
WOMENS TOILET STAFF	014			●		●		●							●									●	●		8'-11½			●	●	●	
MENS TOILET STAFF	013			●		●		●							●									●	●		8-11½			●	●	●	
JANITORS CLOSET	016				●					●								●							●		8'-8"		●	●	●	●	
RECEPTION	017	●									●							●	●				●				7'3½		●		●	●	
CLOSET	018				●					●								●							●	●	8'-6"		●	●	●	●	
WAITING	019				●					●								●					●				7'-11"		●		●	●	WOOD WAINSCOT PANELING CLEANED W/SOL FOR PIPING RUN
SUPERINTENDENTS OFFICE	020				●					●								X	X						●	●	9'-11"						WOOD PANELING CLEANED W/SOL
RECEPTIONIST	021				●					●								X	X			●					9'-5"		●		●	●	WOOD WAINSCOT PANELING CLEANED W/SOL FOR PIPING RUN
HISTORIAN	022				●					●								X	X				●		●	●	9'-4"		●		●	●	WOOD WAINSCOT PANELING CLEANED W/SOL FOR PIPING RUN
VAULT	023				●					●								●							●		9'-5"		●		●	●	
OFFICE	024				●					●								X	X						●		9'-6"		●	●	●	●	
OFFICE	025	●								●	●								●				●				9'-3½		●		●	●	DROPPED FOR PIPE INST. & TO MATCH HALL (CONTRACTORS OPTION)
SWITCHGEAR ROOM	026				●		●			●								●	X						●								
CLOSET	027	●				●						●		X									●				8'-0"		●		●	●	
CLOSET	028	●				●							●		●								●				8'-0"		●		●	●	

NORTH / WEST / EAST / SOUTH

DOT IN QUADRANT INDICATES WALL/BASE TO RECEIVE APPROPRIATE FINISH

A SINGLE DOT IN BOX INDICATES ALL WALLS/BASES ARE THE SAME

● ✓ SUSPENDED W REREAT LAYIN & TILE SAME AS ABC – (ACTUALLY 4TH TYPE CEILING FINISH)

SPECIFIC NOTES

1. DOOR/WINDOW, BUCK/TRIM. REMOVED
2. OPENING BLOCKED UP WITH NEW HOLLOW MASONRY UNITS AS REQUIRED.
3. FINISH PATCHED AND REPAIRED TO MATCH ADJACENT AREA.
4. NEW WOOD TRIM MATCHES ADJACENT AREA.
5. NEW MASONRY WALL TO FLOOR CONSTRUCTION ABOVE NON-SHRINKING, NON-METALLIC GROUT BETWEEN TOP COURSE AND EXISTING CONSTRUCTION.
6. NEW & EXISTING MASONRY WALLS FINISHED WITH CERAMIC TILE HAVE A PLASTER LEVELING COAT APPLIED TO THEM.
7. FLOORS & WALLS PATCHED TO ACCOMMODATE NEW FINISHES.
8. NEW 4" MASONRY UNITS 75% SOLID WITH ½" PLASTER FINISHED SURFACE, DUR-O-WALL EVERY 2ND COURSE.
9. WIRE WINDOW GUARDS REMOVED
10. CEILING REMOVED AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
11. FLOOR HUMORED AS REQUIRED.
12. EXTERIOR COMPLETELY PAINTED INCLUDING MASONRY, FERROUS METALS, & ALL EXTERIOR WOODWORK.
13. ALL NEW GALV. WINDOW GUARDS – GROUND LEVEL WINDOWS

ARCHITECTURAL ABBREVIATIONS

ABBR	ABBREVIATIONS	DF	DRINKING FOUNTAIN	LAM	LAMINATED	RECP	RECEPTACLE
	ACCOMMODATE			LAV	LAVATORY	REINF	REINFORCED
US	ACOUSTICAL	EL	ELEVATION	LKR'S	LOCKERS	REM	REMOVED
DJ	ADJACENT	EMP	EMPLOYEES			REQD	REQUIRED
FF	ABOVE FINISHED FLOOR	ETR	EXISTING TO REMAIN	M	MEN'S	RES	RESISTANT
	ALUMINUM	EXH	EXHIBIT	MAX	MAXIMUM	RM	ROOM
	ASBESTOS	EXIST.	EXISTING	MECH EQUIP	MECHANICAL EQUIPMENT		
	AUDITORIUM	EXP	EXPANSION	MFR	MANUFACTURER	SCHED	SCHEDULE
@	AT	EXT	EXTERIOR	MISC	MISCELLANEOUS	SECT.	SECTION
				MIN	MINIMUM	SN	SANITARY NAPKIN
	CABINET	FAST'N	FASTEN	MO	MASONRY OPENING	SOL	SOLVENT
W'K	CASEWORK	FD	FLOOR DRAIN	MTL	METAL	SS	SERVICE SINK
LG	CEILING	FIN.	FINISHED			ST	STEEL
LO	CLOSET	FIX.	FIXTURES	NIC	NOT IN CONTRACT	SUSP	SUSPENDED
	CONCRETE	FHC	FIRE HOSE CABINET				
STR	CONSTRUCTION	FL	FLOOR	OC	ON CENTER	TC	TERRA COTTA
NT	CONTINUOUS			OD	OUTSIDE DIAMETER	THK	THICK
OL	COLUMN	GND	GROUND	OFF.	OFFICE	TOIL.	TOILET
	CERAMIC TILE	GOVT	GOVERNMENT	OPEN.	OPENING	TTH	TOILET TISSUE HOLDER
		GYP BD	GYPSUM BOARD			TYP	TYPICAL
S	DETAILS			PARTN	PARTITION		
FPA	DOUGLAS FIR PLYWOOD ASSOCIATION	HGT	HEIGHT	PCC	PRECAST CONCRETE	VA	VINYL ASBESTOS
IA	DIAMETER	HMU	HOLLOW MASONRY UNIT	PLYWD	PLYWOOD	VIS'L	VISUAL
	DISPENSER	HOL	HOLLOW	PR	PAIR		
	DISPOSAL	HOR	HORIZONTAL	PROJ	PROJECTION	W	WOMEN'S
	DOWN			PTD	PAINTER	W/	WITH
WGS	DRAWINGS	INT	INTERIOR	PUB.	PUBLIC	WD	WOOD
						WIND.	WINDOW

NOTE: SHEETS A-9 & 10 RM FINISH SCHEDULE
CERAMIC TILE SPEC 9310 SUB 10
ACCOUSTICAL TILE SPEC 9500 SUB 25A
RESILIENT FLOORING SPEC 9650 SUB 44
CARPETING SPEC 9680 SUB 44
PAINTING SPEC 9901 SUB 22b

ALSO SEE RM FINISH SCHEDULE BY A.V. COLABELLA FILED W/SPEC 9901 SUB 22b

C. M. COLABELLA, A.I.A. CONSULTING ARCHITECT	ARCHITECTURAL, MUSEUM RM. FIN. SCHED, GND. FL.-NOTES-ABBR.	PREPARED CMC/LJ	DRAWING NO. 337 41,007B
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY	REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK	DESIGNED CC	PAGE 117 SHEET A-9
ENGINEER'S FILE NO. 74-623	NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	DRAWN CMC/LJ CHECKED	10 47 OF
		DATE OCT. 74	

ROOM FINISH SCHEDULE

ROOM	NO.	FLOOR: VINYL ASBESTOS TILE	FLOOR: CARPET	FLOOR: CERAMIC TILE	FLOOR: EXIST FIN TO REMAIN	FLOOR: PATCH AS REQUIRED TO MATCH ADJ AREA	FLOOR: PATCH AS REQUIRED TO MATCH ADJ AREA	BASE: VINYL	BASE: CERAMIC TILE	BASE: CARPET	BASE: EXIST TO REMAIN	BASE: PATCH AS REQUIRED TO MATCH ADJ AREA	BASE: PATCH AS REQUIRED TO MATCH ADJ AREA	BASE: NEW BASE BY W.O.	WALLS: PLASTER	WALLS: CERAMIC TILE	WALLS: GYPSUM BD.	WALLS: EXPOSED MASONRY	WALLS: EXIST TO REMAIN	WALLS: PATCH AS REQUIRED TO MATCH ADJ AREA	WALLS: CARPET	CEILING: PLASTER	CEILING: SUSP ACOUS TILE 'A'	CEILING: SUSP ACOUS TILE 'B'	CEILING: ACOUSTICAL TILE 'C'	CEILING: EXIST TO REMAIN	CEILING: PATCH AS REQUIRED TO MATCH ADJ AREA	CEILING HEIGHT	PAINT/STAIN: FLOOR	PAINT/STAIN: WALLS	PAINT/STAIN: CEILING	PAINT/STAIN: DOORS/WINDOWS	PAINT/STAIN: TRIM	REMARKS
ARMS EXHIBIT ROOM	101		●							●											●					●		14'-6"		●	●		●	GYP BD ON CANOPY CEILG & SOFFIT VINYL CAP STRIP ON BASE
AUDIO VISUAL ROOM	102		●																				●					8'-0"						
PROJECTION BOOTH	103						●																		●			10'-11"		●		●	●	
PROJECTION EQUIP ROOM	104				●						●															●		10'-11"		●	●	●	●	
SALES AREA	105		●			●									●													10'-11"		●	●	●	●	
AUDIO VISUAL ROOM	106		●							●									●							●								
STAIR	107				●						●								●							●				●	●	●	●	
STORAGE	108	●						●																●				11'-6"		●		●	●	
PROJECTION BOOTH	109	●						●															●					5'-0"		●		●	●	
ALCOVE	110		●								●	●												●				8'-0"		●		●	●	
STAIR	111				●						●								●							●				●	●	●	●	
FOYER	112				●						●	●							●							●		10'-10"		●		●	●	
AUDITORIUM	113		●											●									●					11'-6"		●		●	●	GYP BD ON DROPPED PROSCENIUM ARCH.
CORRIDOR	114		●								●	●							●							●		8'-0"		●	●	●	●	LEATHER FACED DOORS CLEANED
STAIR	115				●						●								●							●				●	●	●	●	
DRESSING ROOM	116				●						●								●							●		7'-8"	●	●	●	●	●	
STAGE	117				●						●								●							●		12'-6"		●	●	●	●	GYP BD ON PROFFED PROSCENIUM ARCH.
DRESSING ROOM	118				●						●								●							●		7'-8"	●	●	●	●	●	
STAIR	119				●		●				●								●							●				●	●	●	●	
CORRIDOR	120		●								●	●							●							●		8'-0"		●	●	●	●	NEW SUSPENDED PLASTER CEILING AT NORTH END OF CORRIDOR
LIBRARY READING	121				●						●								●							●		16'-9"		●		●	●	WOOD WAINSCOT PANELING CLEANED W/SOL.
MEZZAZINE	121A				●						●								●							●		8'-3"		●		●	●	
LIBRARIAN	122				●						●								●									7'-0"		●		●	●	WOOD WAINSCOT PANELING CLEANED W/SOL.
VESTIBULE	123				●		●					●							●							●		11'-0"		●	●	●	●	
ENTRY	124				●						●								●									7'-0"		●		●	●	
CURATOR	201				●		●				●	●							●							●	●	10'-0"		●	●	●	●	NEW SUSPENDED PLASTER CEILING IN CENTER OF ROOM
PICTURE STORAGE	202	●						●											●							●		8'-0"		●	●	●	●	
SECOND FLOOR MECHANICAL ROOM	203	●						●						●					●							●	●	8'-0"		●	●	●	●	

FIRST FLOOR

SECOND FLOOR

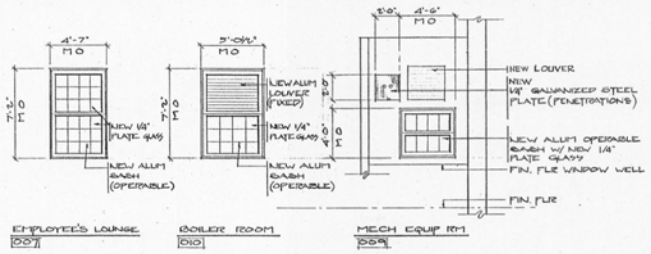
NORTH / WEST / SOUTH / EAST

DOT IN QUADRANT INDICATES WALL BASE TO RECEIVE APPROPIATE FINISH

A SINGLE DOT IN BOX INDICATES ALL WALLS/ FACES ARE THE SAME

MATERIALS LEGEND

- MARBLE
- CONCRETE
- HOLLOW MASONRY BLOCK
- HOLLOW MASONRY BLOCK FILLED SOLID
- METAL STUD PARTITION
- CEMENT PLASTER
- CEILING TILE
- CERAMIC TILE
- STEEL / ALUMINUM
- WOOD ROUGH
- WOOD FRAME PARTITION
- PLYWOOD



NEW ALUM. REPLACEMENT WINDOWS 1/4" = 1'-0"

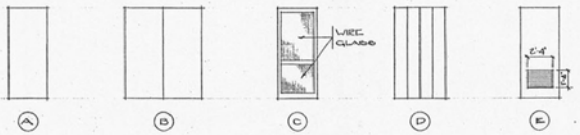
SPEC 8520 SUB 16

C. M. COLABELLA, A.I.A. CONSULTING ARCHITECT	ARCHITECTURAL, MUSEUM RM FIN. SCHED, 1ST & 2ND FL. WIND. ELEV.	PREPARED CMC/LJ	DRAWING NO. 337 41,007B
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY	REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK	DESIGNED L J / DRAWN CMC/LJ / CHECKED	PROJ. 117 / SHEET A-10
ENGINEERS FILE NO. 74-623	NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	OCT 74 (DATE)	11 OF 47

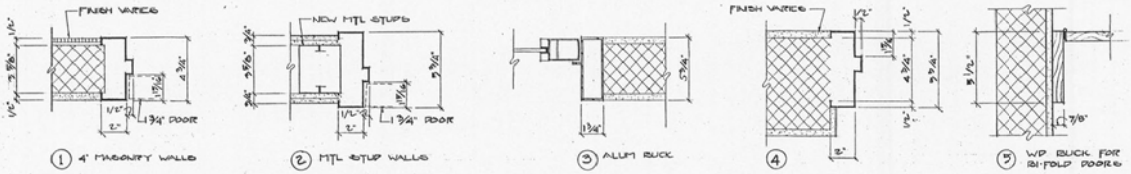
NEW DOOR SCHEDULE

MARK	TYPE	SIZE	MATERIAL	BUCK	LINTEL	SADDLE	SPEC 8710 SUB 8 WINDOW GROUP	REMARKS
1	A	2'-8"·7'-0"·1¾"	HOL METAL	1	REIN BUCK	–	1	UNDERCUT DOOR 1"
2	A	2'-0"·7'-0"·1¾"	HOL METAL	1	REIN BUCK	–	1	
3	B	PR. 2'-6"·7'-0"·1¾"	HOL METAL	1	ETR	1	2	
4	C	3'-0"·7'-0"·1¾"	ALUM	3	ETR	1	3	5¾ JAMB DET 3 WRONG
5,6	E	2'-8"·7'-0"·1¾"	HOL METAL	1	REIN BUCK	2	4	
7	A	2'-8"×7'-0"×1¾"	HOL METAL	4	PCC	1	5	
8	A	3'-0"·7'-0"·1¾"	HOL METAL	1	REIN BUCK	1	5	
9	A	3'-0"·7'-0"·1¾"	HOL METAL	1	REIN BUCK	3	5	
10	A	2'-8"×7'-0"×1¾"	HOL METAL	4	PCC	3	1	
11	D	2 PR BI-FOLDING 1'-0"×7'-0"×¾"	WOOD	3	2"×8" WOOD	—	6	
12	A	2'-8"·7'-0"·1¾"	HOL METAL	1	REIN BUCK	3	1	
13	A	4'-0"·7'-0"·1¾"	HOL METAL	4	ETR	4	7	MTL TRANSOM PANEL AS REQ'D WEATHER STRIP DOOR & PANEL. NEW LOUVER IN EXISTING DOOR.
23,	E	3'-0"×7'-0"×1¾"						
23,26	E							
14	A	2'-6"·7'-0"·1¾"	HOL METAL	2	REIN BUCK	1	1	
15A,15B	B							STAGE RMS 116, 117, 118
16,24	A	3'-0"·7'-0"·1¾"	HOL METAL	2	REIN BUCK	1	1	
17,22	A	3'-0"·7'-0"·1¾"	HOL METAL	1	ETR	3	1	
18	A	3'-0"×6'-8"×1¾"	HOL METAL	1	ETR	3	1	
19	A	3'-0"×6'-8"·1¾"	HOL METAL	1	REIN BUCK	*	1	* SEE DETAIL "B" SHEET A-7
20,21	A	3'-8"×6'-8"·1¾"	HOL METAL	4	REIN BUCK	—	5	

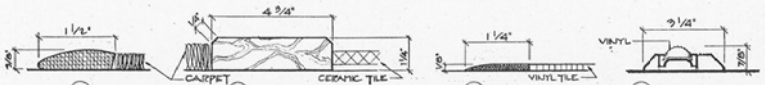
HOLLOW MTL SPEC 8110 SUB 7
ALUM SPEC 8120 SUB 32
WOOD SPEC 8200 SUB 18



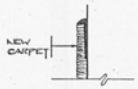
DOOR TYPES



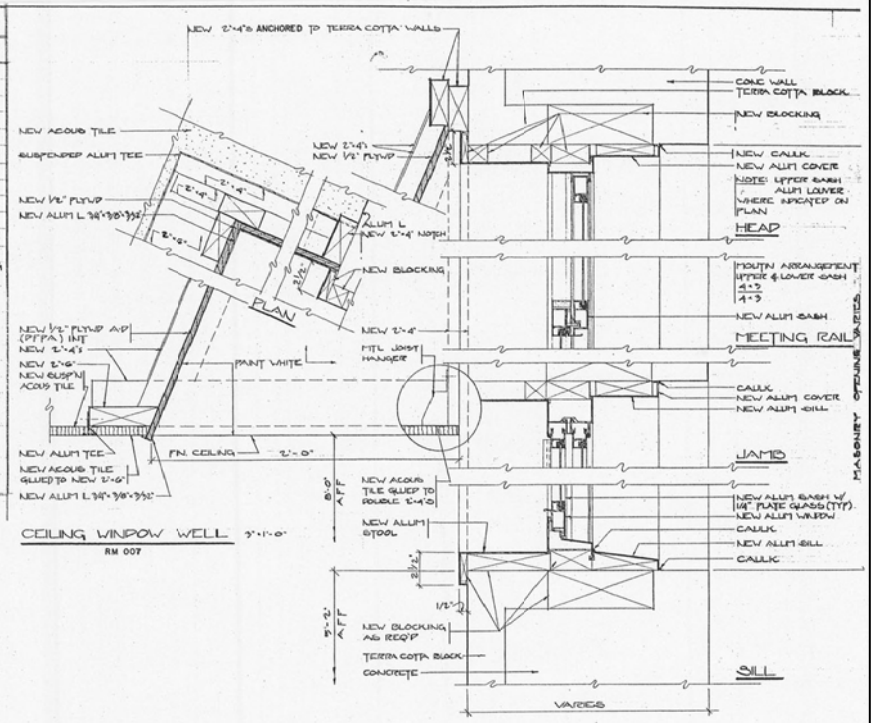
BUCK TYPES 3"=1'-0"



SADDLE TYPES



DETAIL OF 3/16" VINYL CAP STRIP AT CARPET BASE NO SCALE

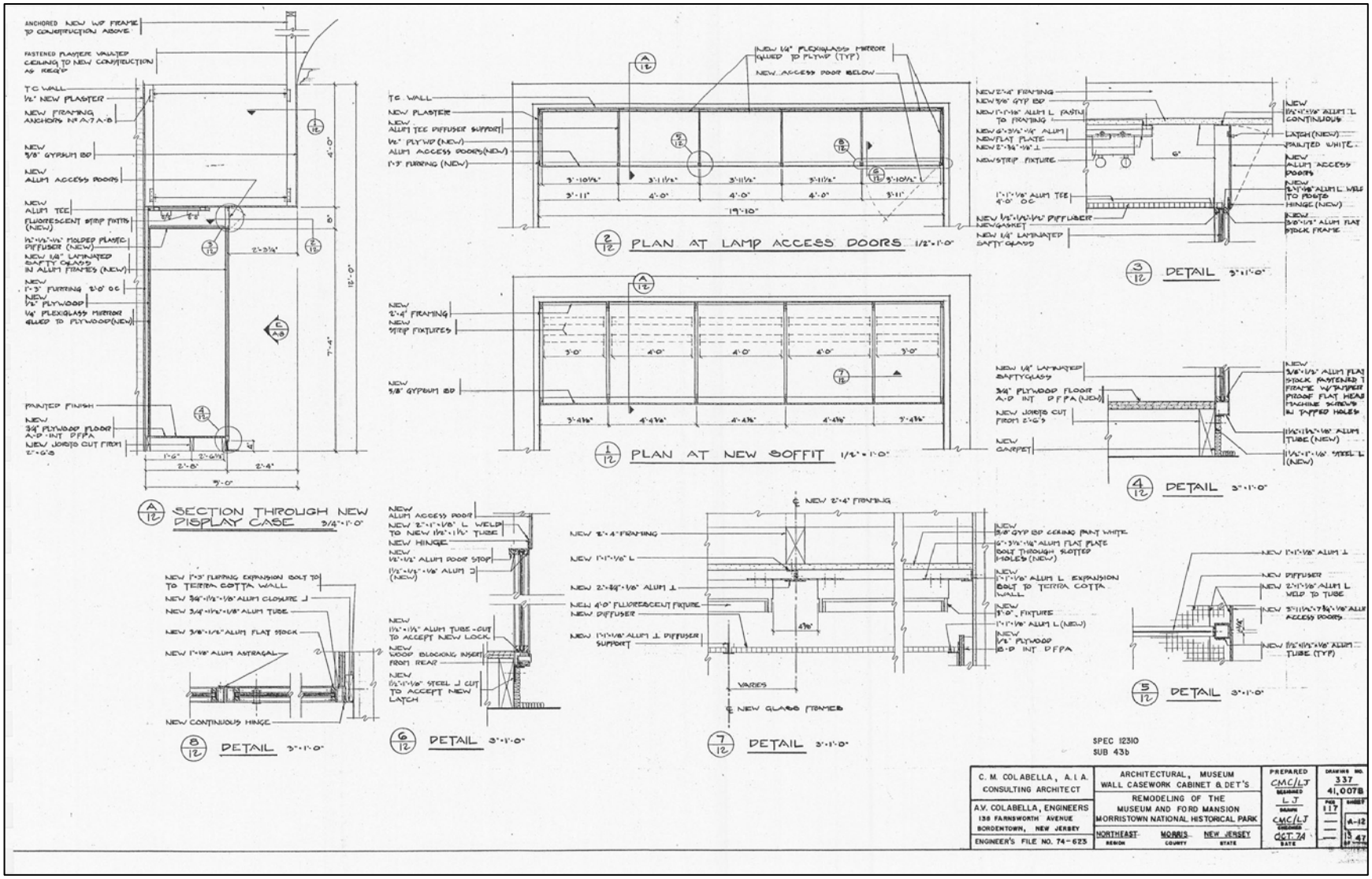


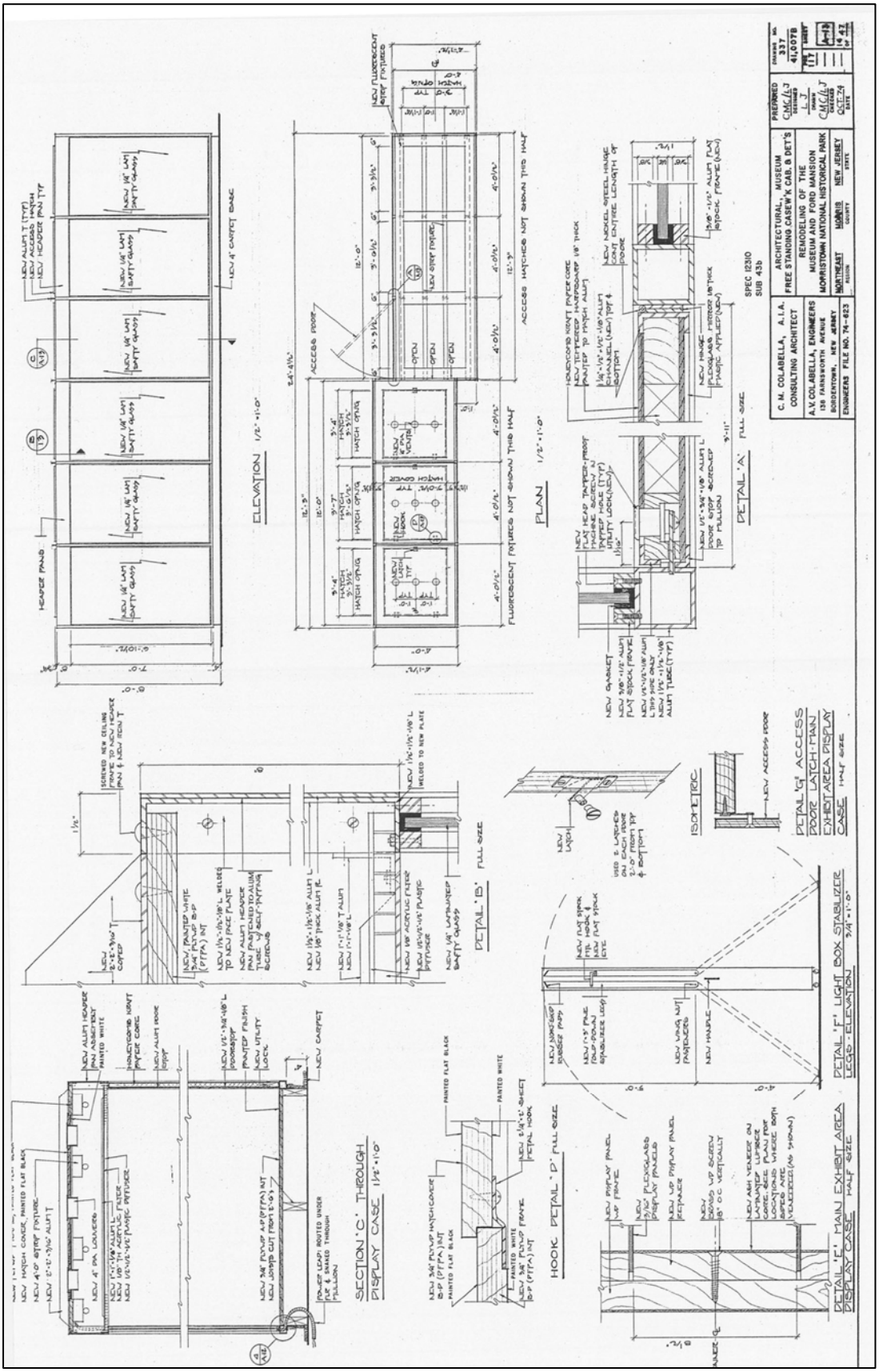
CEILING WINDOW WELL 3"=1'-0"
RM 007

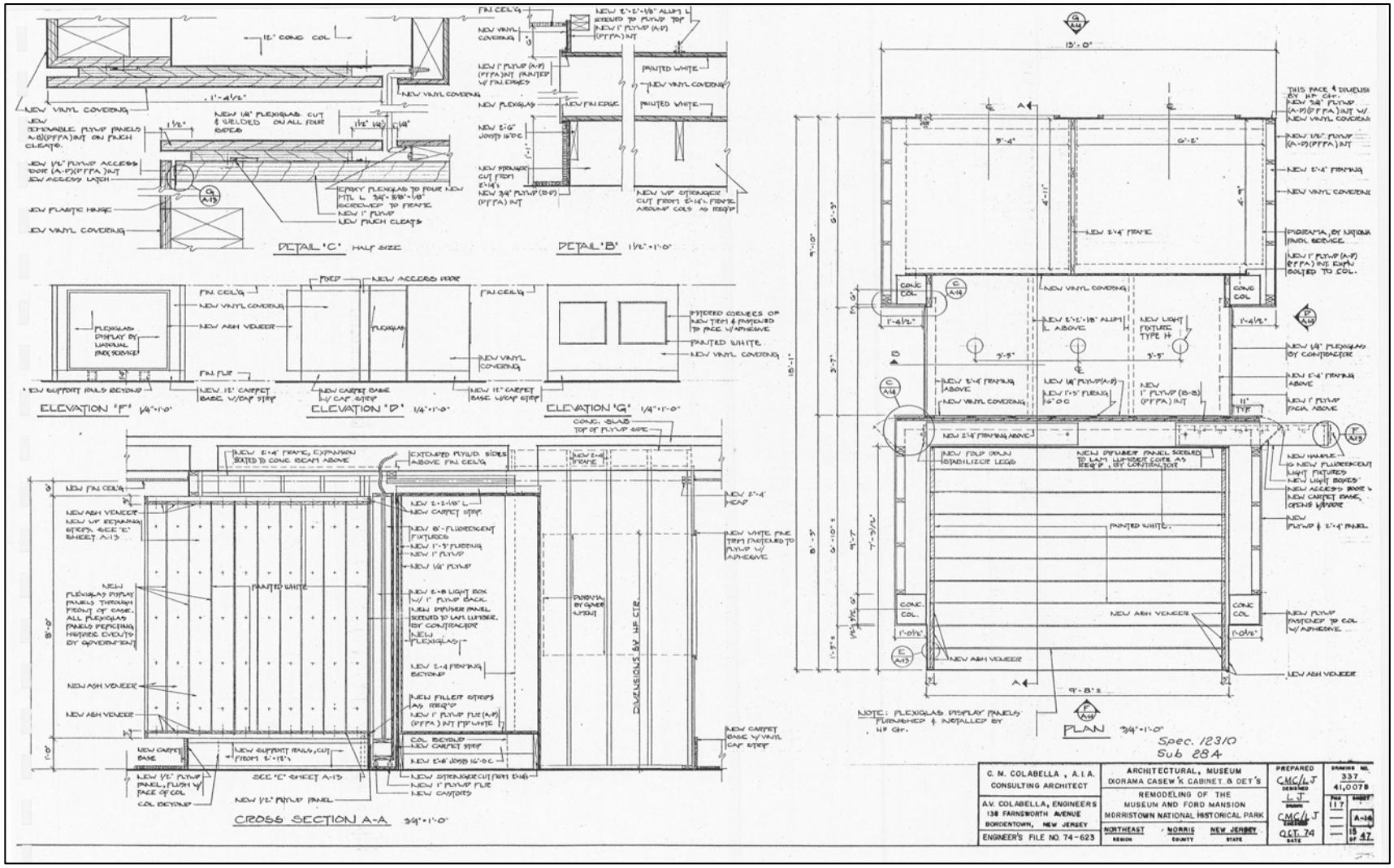
WINDOW DETAIL 3"=1'-0"
RMS 007, 009, 010

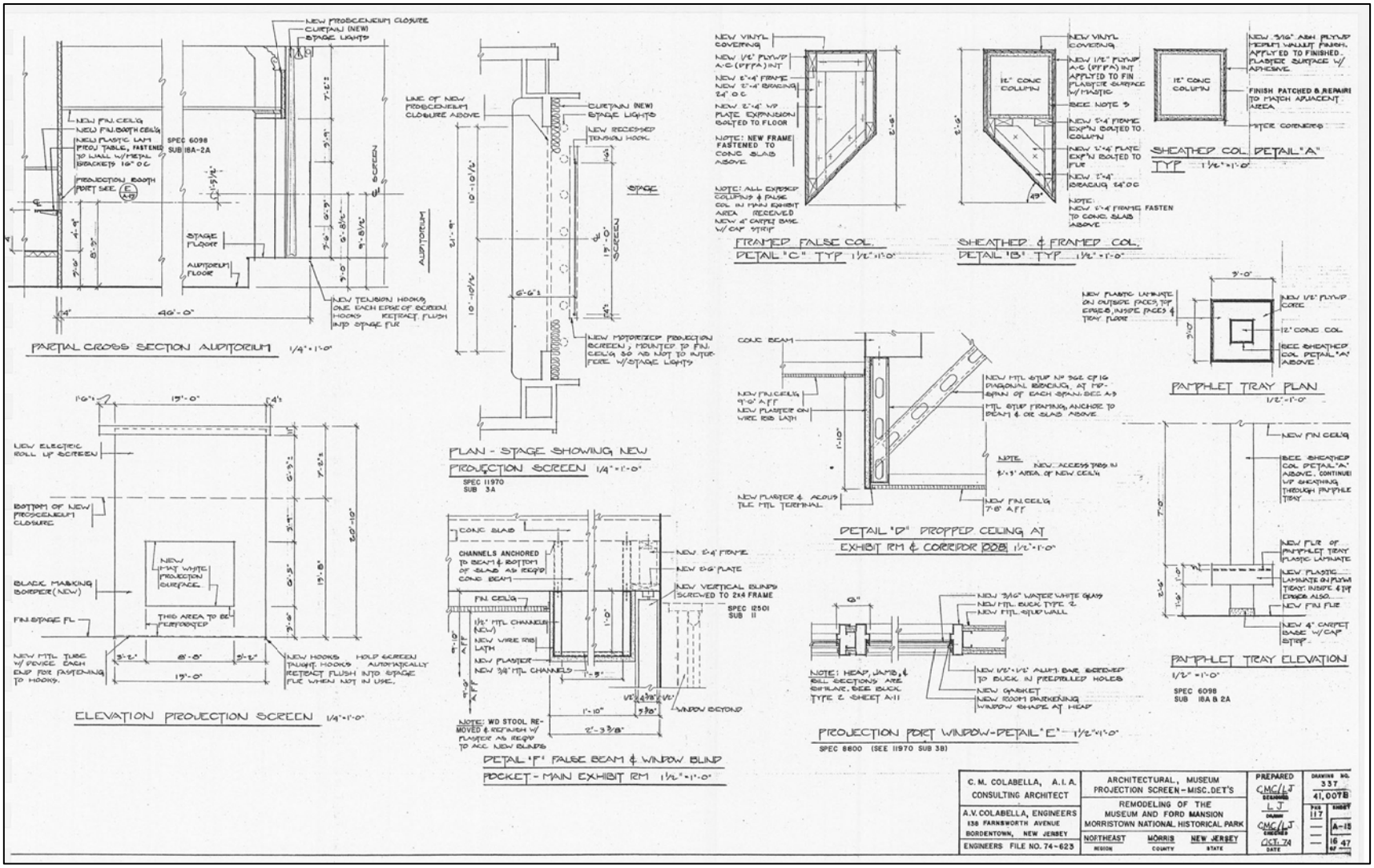
NOTE: NEW SIDE ENTRY DOUBLE DOOR
N.B.S ENTRY DOORS REFINISHED
ALL NEW HARDWARE & WEATHERSTRIPPING

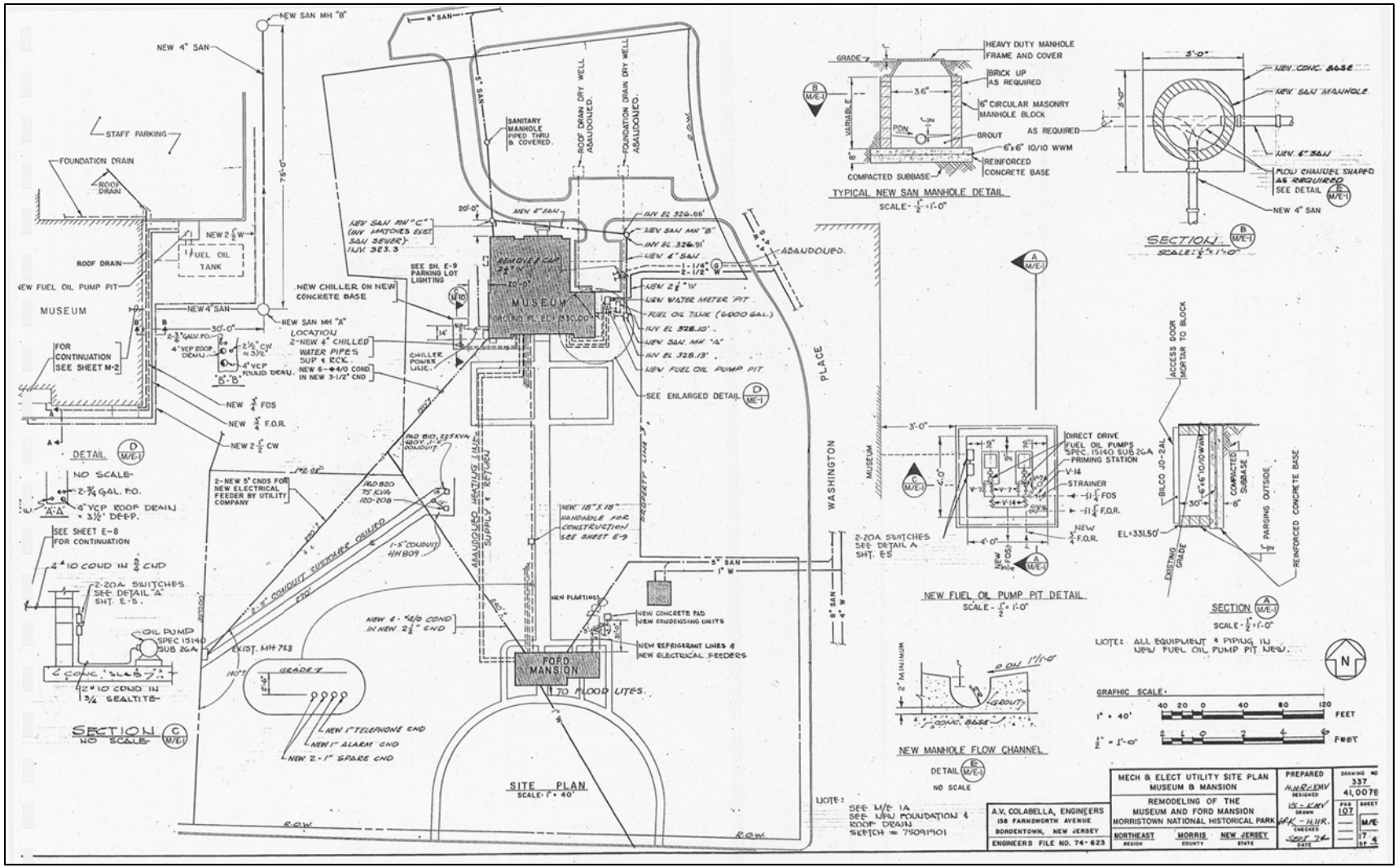
C. M. COLABELLA, A.I.A. CONSULTING ARCHITECT	ARCHITECTURAL, MUSEUM DOOR SCHED-WINDOW DET'S	PREPARED CMC/LJ DESIGNED LJ DRAWN	DRAWING NO. 337 41,007B
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY	REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK	CMC/LJ CHECKED	PAT 117 — — —
ENGINEER'S FILE NO. 74-623	NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	OCT. 74 DATE	SHEET A-48 OF 18 47

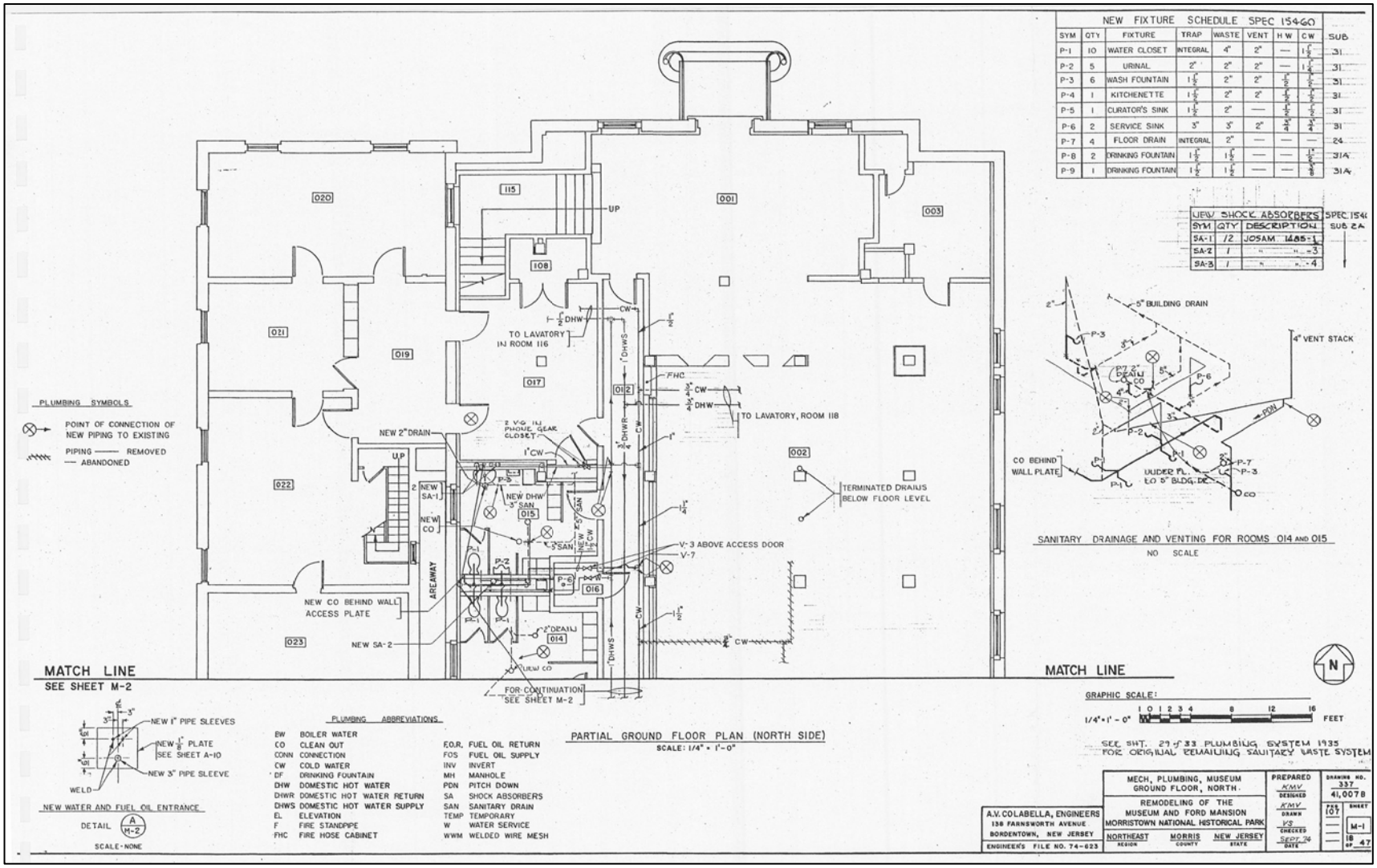

SECTION THROUGH NEW DISPLAY CASE 3/4"=1'-0"
PLAN AT LAMP ACCESS DOORS 1/2"=1'-0"
DETAIL 3"=1'-0"
PLAN AT NEW SOFFIT 1/2"=1'-0"
DETAIL 3"=1'-0"
DETAIL 3"=1'-0"
DETAIL 3"=1'-0"
DETAIL 3"=1'-0"
DETAIL 3"=1'-0"
SPEC 12310
SUB 43b
C. M. COLABELLA, A.I.A.
CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
ARCHITECTURAL, MUSEUM
WALL CASEWORK CABINET & DET'S
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST
REGION
MORRIS
COUNTY
NEW JERSEY
STATE
PREPARED
CMC/LJ
DESIGNED
LJ
DRAWN
CMC/LJ
REVIEWED
OCT. 74
DATE
DRAWING NO.
337
41,007B
A-12
13 47

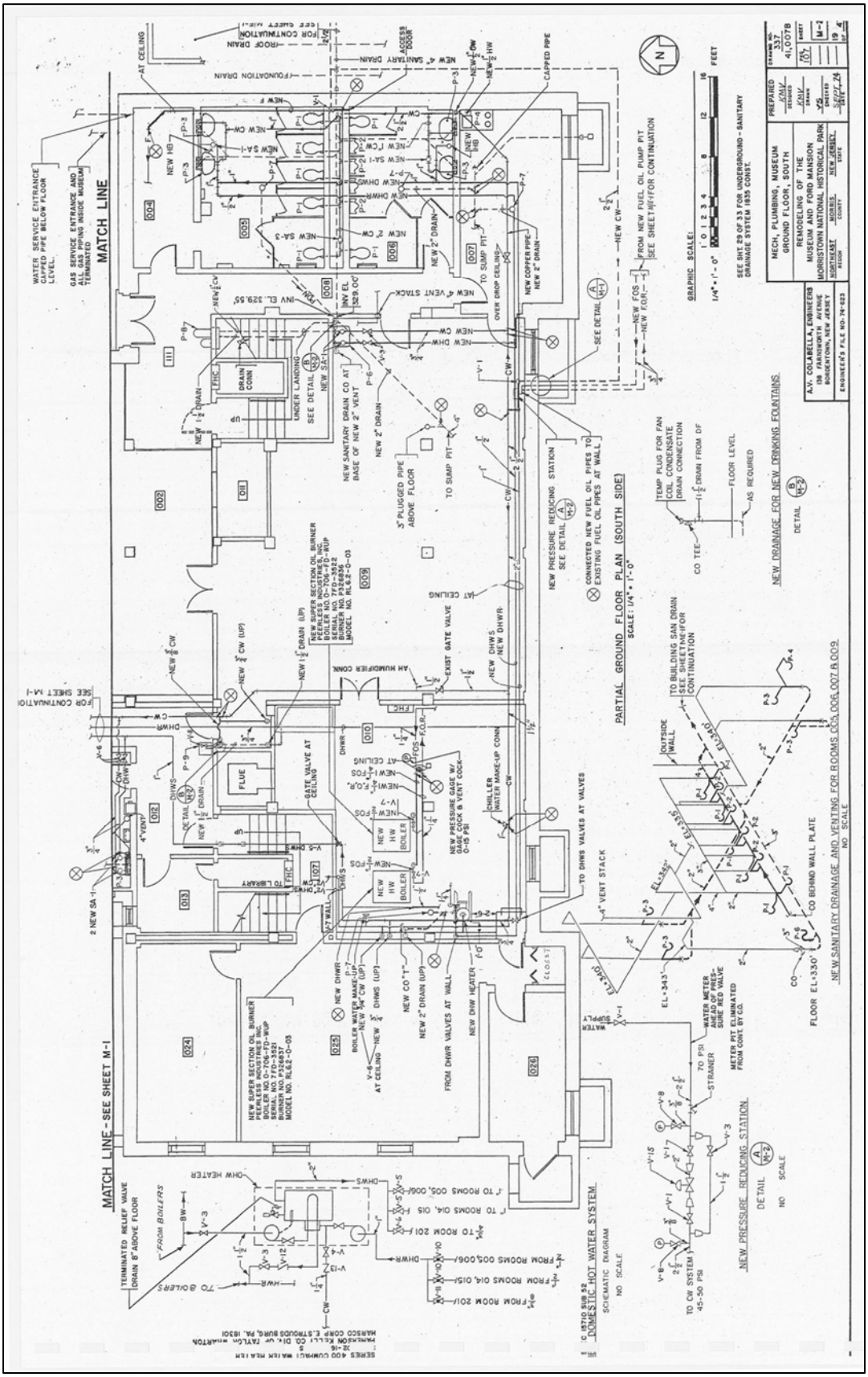

ELEVATION 1/2" = 1'-0"
PLAN 1/2" = 1'-0"
DETAIL 'A' FULL SIZE
DETAIL 'B' FULL SIZE
SECTION 'C' THROUGH DISPLAY CASE 1 1/2" = 1'-0"
HOOK DETAIL 'D' FULL SIZE
DETAIL 'E' MAIN EXHIBIT AREA DISPLAY CASE HALF SIZE
DETAIL 'F' LIGHT BOX STABILIZER LEGS - ELEVATION 3/4" = 1'-0"
DETAIL 'G' ACCESS DOOR LATCH-MAIN EXHIBIT AREA DISPLAY CASE HALF SIZE
ISOMETRIC
C. N. COLABELLA, A.I.A. CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY
ENGINEERS FILE NO. 74-623
ARCHITECTURAL, MUSEUM FREE STANDING CASEW'K CAB. & DET'S
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED CMC/LJ
CHECKED CMC/LJ
DATE 41.2078
SHEET 1 OF 4

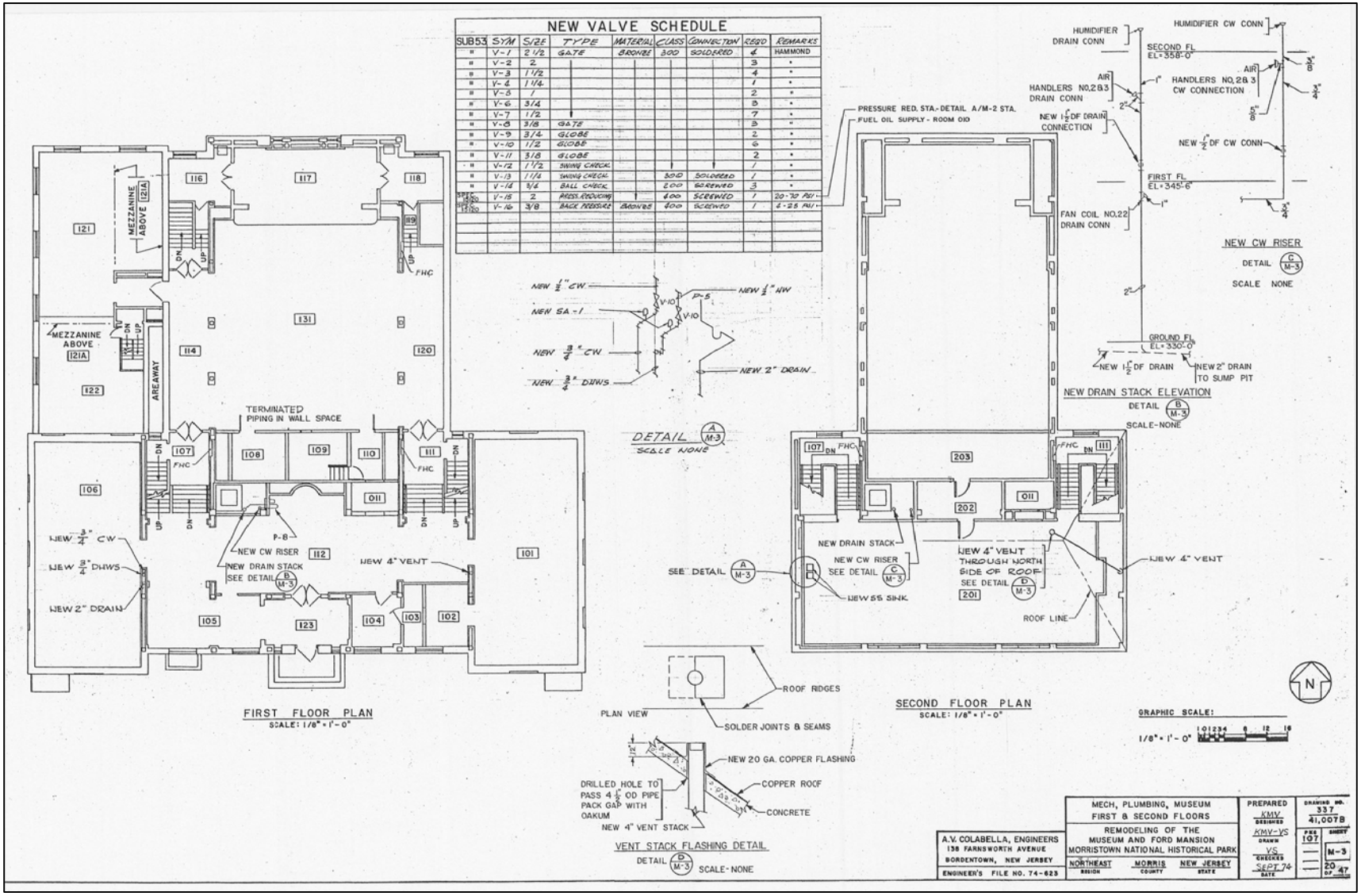

DETAIL 'C' HALF SIZE
DETAIL 'B' 1½" = 1'-0"
ELEVATION 'F' 1/4" = 1'-0"
ELEVATION 'D' 1/4" = 1'-0"
ELEVATION 'G' 1/4" = 1'-0"
CROSS SECTION A-A 3/4" = 1'-0"
PLAN 3/4" = 1'-0"
NOTE: PLEXIGLAS DISPLAY PANELS FURNISHED & INSTALLED BY H.F. CO.
Spec. 12310
Sub 28A
C. M. COLABELLA, A.I.A.
CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
ARCHITECTURAL, MUSEUM
DIORAMA CASEW'K CABINET & DET'S
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
NORRIS COUNTY
NEW JERSEY STATE
PREPARED
CMC/LJ DESIGNED
LJ DRAWN
CMC/LJ CHECKED
OCT. 74 DATE
DRAWING NO. 337
41,0078
PAGE 117
SHEET A-14
15 OF 47

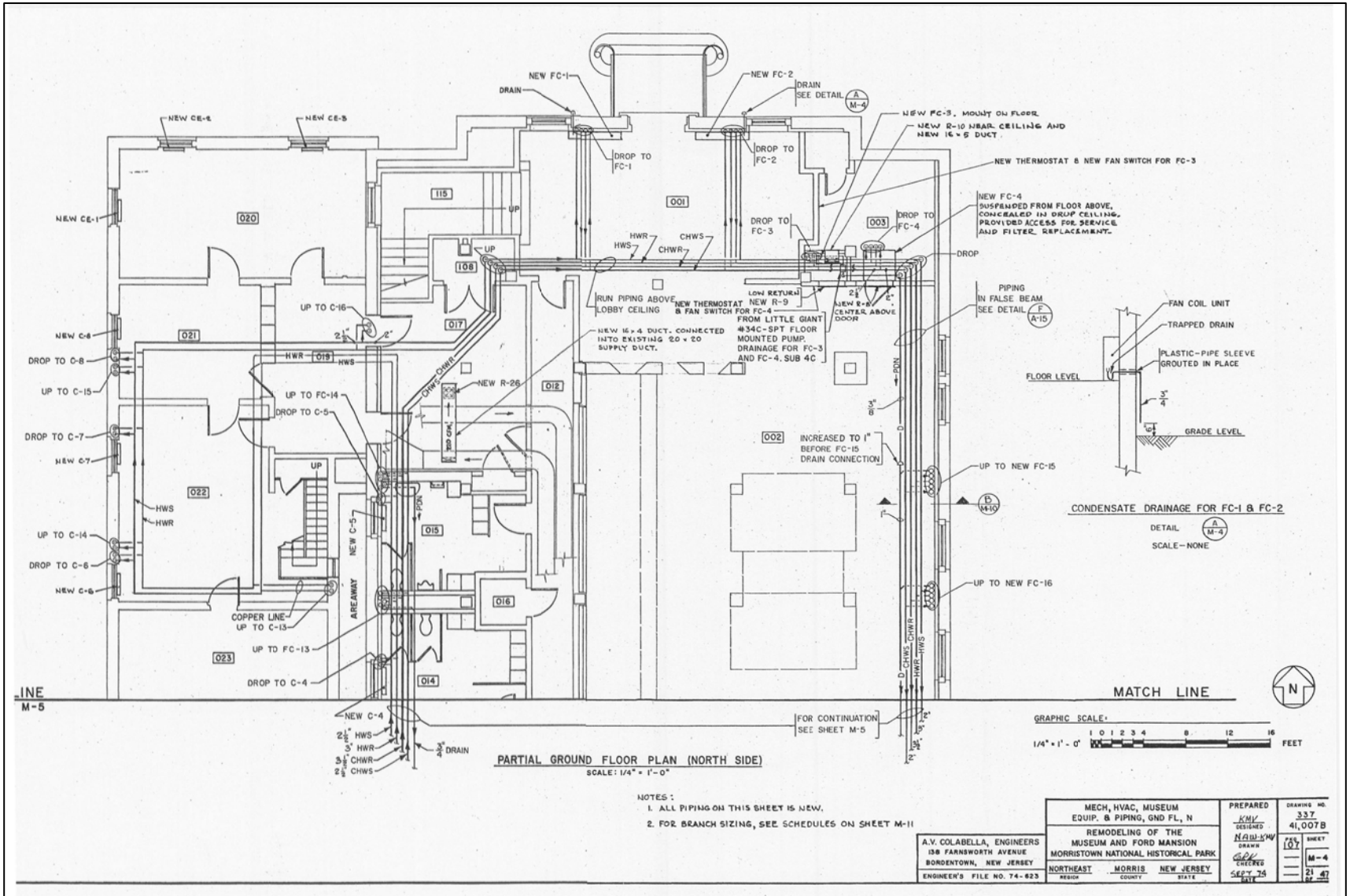

PARTIAL CROSS SECTION AUDITORIUM 1/4"=1'-0"
PLAN - STAGE SHOWING NEW PROJECTION SCREEN 1/4"=1'-0"
SPEC 11970 SUB 3A
ELEVATION PROJECTION SCREEN 1/4"=1'-0"
DETAIL "F" FALSE BEAM & WINDOW BLIND POCKET - MAIN EXHIBIT RM 1 1/2"=1'-0"
FRAMED FALSE COL. DETAIL "C" TYP 1 1/2"=1'-0"
SHEATHED & FRAMED COL. DETAIL "B" TYP 1 1/2"=1'-0"
SHEATHED COL. DETAIL "A" TYP 1 1/2"=1'-0"
PAMPHLET TRAY PLAN 1/2"=1'-0"
DETAIL "D" DROPPED CEILING AT EXHIBIT RM & CORRIDOR 208 1 1/2"=1'-0"
PAMPHLET TRAY ELEVATION 1/2"=1'-0"
SPEC 6098 SUB 18A & 2A
PROJECTION PORT WINDOW-DETAIL "E" 1 1/2"=1'-0"
SPEC 8800 (SEE 11970 SUB 3B)
C. M. COLABELLA, A.I.A. CONSULTING ARCHITECT
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY
ENGINEERS FILE NO. 74-623
ARCHITECTURAL, MUSEUM PROJECTION SCREEN-MISC. DET'S
REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED CMC/LJ
DRAWN L.J.
CHECKED CMC/LJ
OCT. 74 DATE
DRAWING NO. 337 41,007B
PKG 117
SHEET A-15
16 47

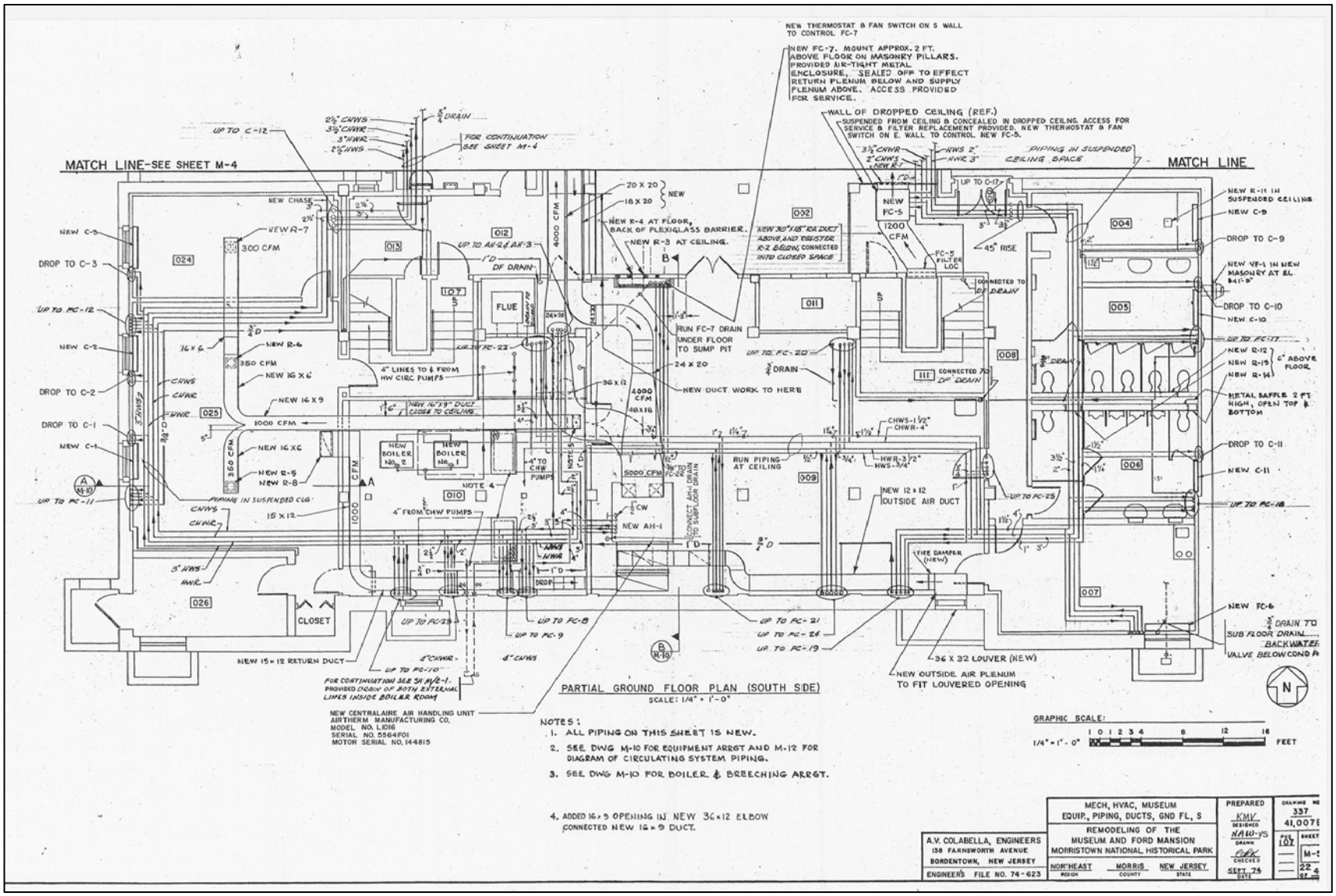

SITE PLAN
SCALE: 1" = 40'
MUSEUM
FORD MANSION
NEW SAN MH "B"
NEW 4" SAN
STAFF PARKING
FOUNDATION DRAIN
ROOF DRAIN
FUEL OIL TANK
NEW FUEL OIL PUMP PIT
NEW CHILLER ON NEW CONCRETE BASE
NEW SAN MH "A" LOCATION
SANITARY MANHOLE PIPED THRU & COVERED.
ROOF DRAIN DRY WELL ABANDONED.
FOUNDATION DRAIN DRY WELL ABANDONED.
ABANDONED.
WASHINGTON PLACE
SEE ENLARGED DETAIL
NEW FUEL OIL PUMP PIT
NEW WATER METER PIT
FUEL OIL TANK (6000 GAL.)
NEW CONCRETE PAD
NEW CONDENSING UNITS
NEW REFRIGERANT LINES & NEW ELECTRICAL FEEDERS
NEW PLANTINGS
NEW 18" X 18" HANDHOLE FOR CONSTRUCTION SEE SHEET E-9
EXIST. MH 743
NEW 1" TELEPHONE CND
NEW 1" ALARM CND
NEW 2-1" SPARE CND
TYPICAL NEW SAN MANHOLE DETAIL
SCALE - 1/2" = 1'-0"
HEAVY DUTY MANHOLE FRAME AND COVER
BRICK UP AS REQUIRED
6" CIRCULAR MASONRY MANHOLE BLOCK
GROUT
6"x6" 10/10 WWM
REINFORCED CONCRETE BASE
COMPACTED SUBBASE
SECTION
SCALE: 1/2" = 1'-0"
NEW CONC. BASE
NEW SAN MANHOLE
NEW 4" SAN
FLOW CHANNEL SHAPED AS REQUIRED SEE DETAIL
NEW FUEL OIL PUMP PIT DETAIL
SCALE - 1/2" = 1'-0"
DIRECT DRIVE FUEL OIL PUMPS SPEC. 15140 SUB 2GA
PRIMING STATION
STRAINER
2-20A SWITCHES SEE DETAIL A SHT. E5
SECTION
SCALE - 1/2" = 1'-0"
ACCESS DOOR MORTAR TO BLOCK
BILCO JO-2AL
COMPACTED SUBBASE
PARGING OUTSIDE
REINFORCED CONCRETE BASE
EXISTING GRADE
NOTE: ALL EQUIPMENT & PIPING IN NEW FUEL OIL PUMP PIT NEW.
NEW MANHOLE FLOW CHANNEL
DETAIL
NO SCALE
NOTE: SEE M/E 1A SEE NEW FOUNDATION & ROOF DRAIN SKETCH # 75091901
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEERS FILE NO. 74-623
MECH & ELECT UTILITY SITE PLAN
MUSEUM & MANSION
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED
DRAWING NO 337 41,007B
PAGE 107
SHEET M/E
GRAPHIC SCALE:
1" = 40'
FEET
1/4" = 1'-0"
FEET


NEW FIXTURE SCHEDULE SPEC 15460
SYM QTY FIXTURE TRAP WASTE VENT HW CW SUB
P-1 10 WATER CLOSET INTEGRAL 4" 2" — 1½ 31
P-2 5 URINAL 2" 2" 2" — 1¼ 31
P-3 6 WASH FOUNTAIN 1½ 2" 2" ½ ½ 31
P-4 1 KITCHENETTE 1½ 2" 2" ½ ½ 31
P-5 1 CURATOR'S SINK 1½ 2" — ½ ½ 31
P-6 2 SERVICE SINK 3" 3" 2" ¾ ¾ 31
P-7 4 FLOOR DRAIN INTEGRAL 2" — — — 24
P-8 2 DRINKING FOUNTAIN 1½ 1½ — — ⅜ 31A
P-9 1 DRINKING FOUNTAIN 1½ 1½ — — ⅜ 31A
NEW SHOCK ABSORBERS SPEC 154
SYM QTY DESCRIPTION SUB 2A
SA-1 12 JOSAM 1485-1
SA-2 1 " " -3
SA-3 1 " " -4
PLUMBING SYMBOLS
POINT OF CONNECTION OF NEW PIPING TO EXISTING
PIPING — REMOVED
— ABANDONED
020
021
022
023
019
017
015
016
014
012
002
001
003
115
108
UP
TO LAVATORY IN ROOM 116
TO LAVATORY, ROOM 118
NEW 2" DRAIN
NEW SA-1
NEW CO
NEW DHW
NEW CO BEHIND WALL ACCESS PLATE
NEW SA-2
AREAWAY
TERMINATED DRAINS BELOW FLOOR LEVEL
V-3 ABOVE ACCESS DOOR
V-7
FHC
FOR CONTINUATION SEE SHEET M-2
MATCH LINE
SEE SHEET M-2
MATCH LINE
5" BUILDING DRAIN
4" VENT STACK
CO BEHIND WALL PLATE
UNDER FL. TO 5" BLDG. DR.
SANITARY DRAINAGE AND VENTING FOR ROOMS 014 AND 015
NO SCALE
NEW 1" PIPE SLEEVES
NEW 1/8" PLATE SEE SHEET A-10
NEW 3" PIPE SLEEVE
WELD
NEW WATER AND FUEL OIL ENTRANCE
DETAIL A M-2
SCALE - NONE
PLUMBING ABBREVIATIONS
BW BOILER WATER
CO CLEAN OUT
CONN CONNECTION
CW COLD WATER
DF DRINKING FOUNTAIN
DHW DOMESTIC HOT WATER
DHWR DOMESTIC HOT WATER RETURN
DHWS DOMESTIC HOT WATER SUPPLY
EL. ELEVATION
F FIRE STANDPIPE
FHC FIRE HOSE CABINET
F.O.R. FUEL OIL RETURN
FOS FUEL OIL SUPPLY
INV INVERT
MH MANHOLE
PDN PITCH DOWN
SA SHOCK ABSORBERS
SAN SANITARY DRAIN
TEMP TEMPORARY
W WATER SERVICE
WWM WELDED WIRE MESH
PARTIAL GROUND FLOOR PLAN (NORTH SIDE)
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE:
1/4" = 1' - 0"
FEET
SEE SHT. 29 of 33 PLUMBING SYSTEM 1935 FOR ORIGINAL REMAINING SANITARY WASTE SYSTEM
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
MECH, PLUMBING, MUSEUM GROUND FLOOR, NORTH
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED
DESIGNED
DRAWN
CHECKED
DATE
DRAWING NO. 337 41,007B
SHEET M-1
18 OF 47


MECH, PLUMBING, MUSEUM
GROUND FLOOR, SOUTH
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
A.V. COLABELLA, ENGINEERS
PARTIAL GROUND FLOOR PLAN (SOUTH SIDE)
SCALE: 1/4" = 1'-0"
NEW DRAINAGE FOR NEW DRINKING FOUNTAINS
NEW SANITARY DRAINAGE AND VENTING FOR ROOMS 005, 006, 007 & 009
NEW PRESSURE REDUCING STATION
DETAIL
NO SCALE
DOMESTIC HOT WATER SYSTEM
SCHEMATIC DIAGRAM
MATCH LINE - SEE SHEET M-1
MATCH LINE
GRAPHIC SCALE:
FEET
SEE SHT 29 OF 33 FOR UNDERGROUND - SANITARY DRAINAGE SYSTEM 1835 CONST.
PREPARED
DESIGNED
DRAWN
CHECKED
DATE
SHEET
ENGINEER'S FILE NO. 74-423


NEW VALVE SCHEDULE
SUB53 SYM SIZE TYPE MATERIAL CLASS CONNECTION REQD REMARKS
" V-1 2 1/2 GATE BRONZE 300 SOLDERED 4 HAMMOND
" V-2 2 3
" V-3 1 1/2 4
" V-4 1 1/4 1
" V-5 1 2
" V-6 3/4 3
" V-7 1/2 7
" V-8 3/8 GATE 3
" V-9 3/4 GLOBE 2
" V-10 1/2 GLOBE 6
" V-11 3/8 GLOBE 2
" V-12 1 1/2 SWING CHECK 1
" V-13 1 1/4 SWING CHECK 300 SOLDERED 1
" V-14 3/4 BALL CHECK 200 SCREWED 3
V-15 2 PRESS. REDUCING 400 SCREWED 1 20-70 PSI
V-16 3/8 BACK PRESSURE BRONZE 400 SCREWED 1 6-25 PSI
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"
DETAIL A/M-3
SCALE NONE
NEW CW RISER
DETAIL C/M-3
SCALE NONE
NEW DRAIN STACK ELEVATION
DETAIL B/M-3
SCALE-NONE
VENT STACK FLASHING DETAIL
DETAIL D/M-3
SCALE-NONE
PLAN VIEW
ROOF RIDGES
SOLDER JOINTS & SEAMS
NEW 20 GA. COPPER FLASHING
COPPER ROOF
CONCRETE
DRILLED HOLE TO PASS 4 1/2" OD PIPE PACK GAP WITH OAKUM
NEW 4" VENT STACK
PRESSURE RED. STA.- DETAIL A/M-2 STA.
FUEL OIL SUPPLY - ROOM 010
HUMIDIFIER DRAIN CONN
HUMIDIFIER CW CONN
SECOND FL EL=358'-0"
HANDLERS NO.2&3 DRAIN CONN
HANDLERS NO.2&3 CW CONNECTION
NEW 1 1/2" DF DRAIN CONNECTION
NEW 1/2" DF CW CONN
FIRST FL EL=345'-6"
FAN COIL NO.22 DRAIN CONN
GROUND FL EL=330'-0"
NEW 1 1/2" DF DRAIN
NEW 2" DRAIN TO SUMP PIT
NEW 1/2" CW
NEW SA-1
NEW 3/4" CW
NEW 3/4" DHWS
NEW 1/2" HW
NEW 2" DRAIN
NEW 3/4" CW
NEW 3/4" DHWS
NEW 2" DRAIN
NEW CW RISER
NEW DRAIN STACK
SEE DETAIL A/M-3
NEW 4" VENT
NEW 4" VENT THROUGH NORTH SIDE OF ROOF SEE DETAIL D/M-3
NEW SS SINK
ROOF LINE
MEZZANINE ABOVE 121A
AREAWAY
TERMINATED PIPING IN WALL SPACE
FHC
GRAPHIC SCALE:
1/8" = 1'-0"
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
MECH, PLUMBING, MUSEUM FIRST & SECOND FLOORS
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED KMV DESIGNED
KMV-VS DRAWN
VS CHECKED
SEPT 74 DATE
DRAWING NO. 337 41,007B
FSS 107
SHEET M-3
20 OF 47

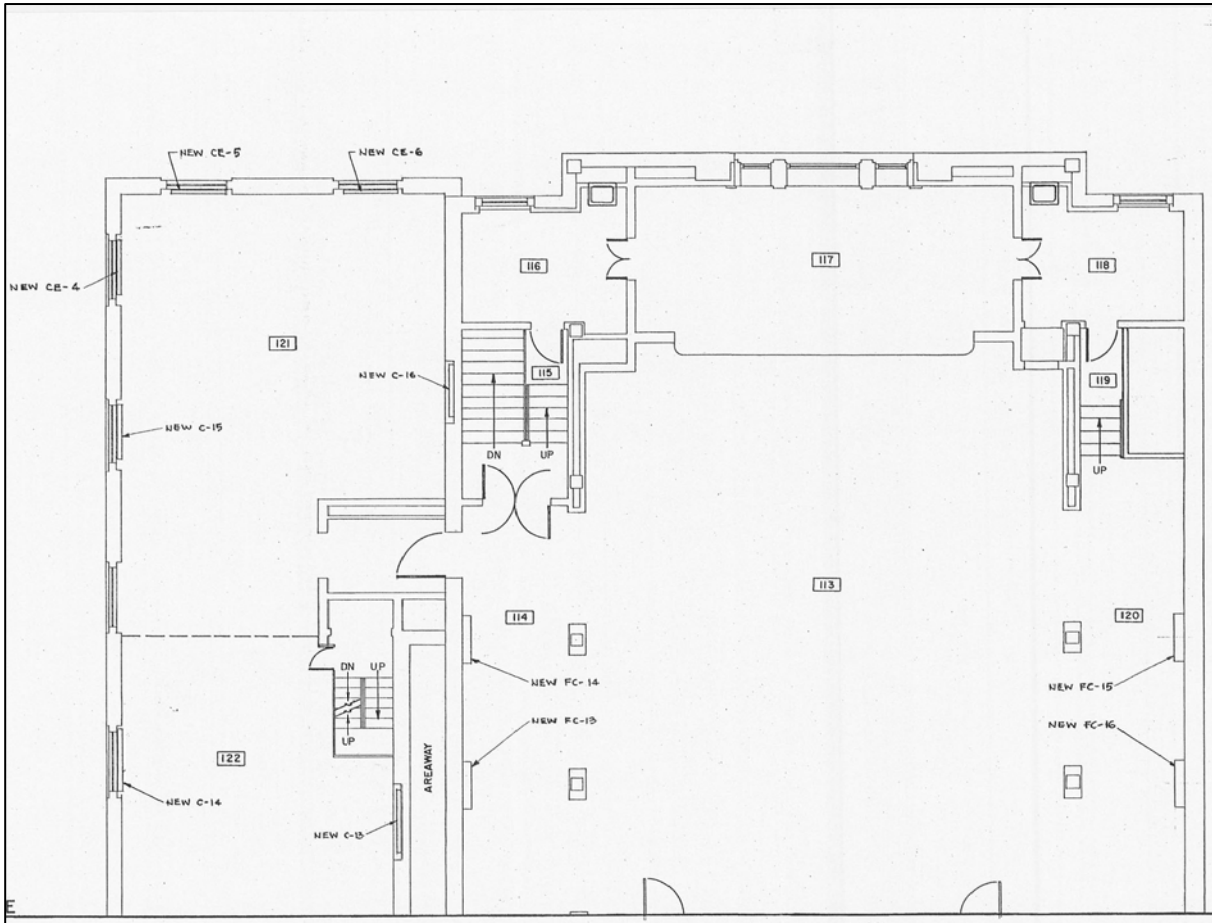

NEW FC-1
DRAIN
NEW FC-2
DRAIN SEE DETAIL A M-4
NEW FC-3, MOUNT ON FLOOR
NEW R-10 NBAR CEILING AND NEW 16 x 5 DUCT.
NEW THERMOSTAT & NEW FAN SWITCH FOR FC-3
NEW CE-2
NEW CE-3
NEW CE-1
DROP TO FC-1
DROP TO FC-2
DROP TO FC-3
DROP TO FC-4
NEW FC-4 SUSPENDED FROM FLOOR ABOVE, CONCEALED IN DROP CEILING, PROVIDED ACCESS FOR SERVICE AND FILTER REPLACEMENT.
DROP
020
115
001
003
108
UP
HWR
HWS
CHWS
CHWR
RUN PIPING ABOVE LOBBY CEILING
NEW THERMOSTAT & FAN SWITCH FOR FC-4
LOW RETURN NEW R-9 FROM LITTLE GIANT #34C-SPT FLOOR MOUNTED PUMP. DRAINAGE FOR FC-3 AND FC-4. SUB 4C
NEW R-8 CENTER ABOVE DOOR
PIPING IN FALSE BEAM SEE DETAIL F A-15
FAN COIL UNIT
TRAPPED DRAIN
PLASTIC-PIPE SLEEVE GROUTED IN PLACE
FLOOR LEVEL
GRADE LEVEL
UP TO C-16
017
021
NEW C-8
DROP TO C-8
UP TO C-15
019
NEW 16 x 4 DUCT. CONNECTED INTO EXISTING 20 x 20 SUPPLY DUCT.
NEW R-26
012
UP TO FC-14
DROP TO C-5
DROP TO C-7
NEW C-7
002
INCREASED TO 1" BEFORE FC-15 DRAIN CONNECTION
UP TO NEW FC-15
022
HWS
HWR
UP TO C-14
DROP TO C-6
NEW C-6
015
NEW C-5
AREAWAY
016
COPPER LINE UP TO C-13
UP TO FC-13
023
DROP TO C-4
014
NEW C-4
DRAIN
FOR CONTINUATION SEE SHEET M-5
MATCH LINE
M-5
CONDENSATE DRAINAGE FOR FC-1 & FC-2
DETAIL A M-4
SCALE-NONE
UP TO NEW FC-16
GRAPHIC SCALE:
1/4" = 1'-0"
FEET
PARTIAL GROUND FLOOR PLAN (NORTH SIDE)
SCALE: 1/4" = 1'-0"
NOTES:
1. ALL PIPING ON THIS SHEET IS NEW.
2. FOR BRANCH SIZING, SEE SCHEDULES ON SHEET M-11
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
MECH, HVAC, MUSEUM EQUIP. & PIPING, GND FL, N
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED
KMV DESIGNED
NAW-KMV DRAWN
GPK CHECKED
SEPT 74 DATE
DRAWING NO. 337 41,007B
FOLD 107
SHEET M-4
21 OF 47



PARTIAL GROUND FLOOR PLAN (SOUTH SIDE)
SCALE: 1/4" = 1'-0"

NOTES:
1. ALL PIPING ON THIS SHEET IS NEW.
2. SEE DWG M-10 FOR EQUIPMENT ARRGT AND M-12 FOR DIAGRAM OF CIRCULATING SYSTEM PIPING.
3. SEE DWG M-10 FOR BOILER & BREECHING ARRGT.
4. ADDED 16 x 9 OPENING IN NEW 36 x 12 ELBOW CONNECTED NEW 16 x 9 DUCT.

A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	MECH, HVAC, MUSEUM EQUIP., PIPING, DUCTS, GND FL, S REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	PREPARED KMV DESIGNED NAW-YS DRAWN CHECKED SEPT 75 (DATE)	DRAWING NO 337 41,007E FILE NO 107 SHEET M-5 22 4 OF



PARTIAL FIRST FLOOR PLAN (NORTH SIDE)
SCALE: 1/4" = 1'-0"

HEATING, VENTILATING AND AIR CONDITIONING ABBREVIATIONS:

AH	AIR HANDLER	LG	LONG
APPROX	APPROXIMATE	MATL	MATERIAL
ARRGT	ARRANGEMENT	MBH	1000 BTUH
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MECH	MECHANICAL
		MIN	MINIMUM
BF	BOILER FITTING	N	NORTH
B&G	BELL & GOSSETT	NIC	NOT IN CONTRACT
BLDG	BUILDING	NO.	NUMBER
BTUH	BRITISH THERMAL UNIT PER HOUR	PDN	PITCH DOWN
BW	BOILER WATER	PRV	PRESSURE RELIEF VALVE
C	CONVECTOR	PSI	POUND PER SQUARE INCH
CE	ELECTRIC CONVECTOR	QUAN	QUANTITY
CFM	CUBIC FOOT PER MINUTE	R	REGISTER
CHW	CHILLED WATER	RA	RETURN AIR
CHWR	CHILLED WATER RETURN	R.A.P.	RETURN AIR PLENUM
CHWS	CHILLED WATER SUPPLY	REF	REFERENCE
CIRC	CIRCULATING	REINF	REINFORCED
CLG	CEILING	REQD	REQUIRED
COND	CONDENSATE	RM	ROOM
CW	COLD WATER	S	SOUTH
D	DRAIN	SA	SUPPLY AIR
DF	DRINKING FOUNTAIN	SAN	SANITARY DRAIN
DIA	DIAMETER	S.A.P.	SUPPLY AIR PLENUM
DIAG	DIAGRAM	SCH	SCHEDULE
DWG	DRAWING	SCHEM	SCHEMATIC
EL	ELEVATION	SP	STATIC PRESSURE
ENCLOS	ENCLOSURE	STL	STEEL
EQUIP	EQUIPMENT	TYP	TYPICAL
EXIST.	EXISTING	V	VALVE
FC	FAN COIL	VERT	VERTICAL
FIG.	FIGURE	VF	VENTILATING FAN
FL	FLOOR	W/	WITH
FLEX	FLEXIBLE	WG	WATER GLASS
GA	GAUGE	WWM	WELDED WIRE MESH
GAL	GALLON		
GND	GROUND		
HW	HOT WATER		
HWR	HOT WATER RETURN		
HWS	HOT WATER SUPPLY		
IBR	INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS		
ID	INSIDE DIAMETER		
IN.	INCH		

MATCH LINE

N

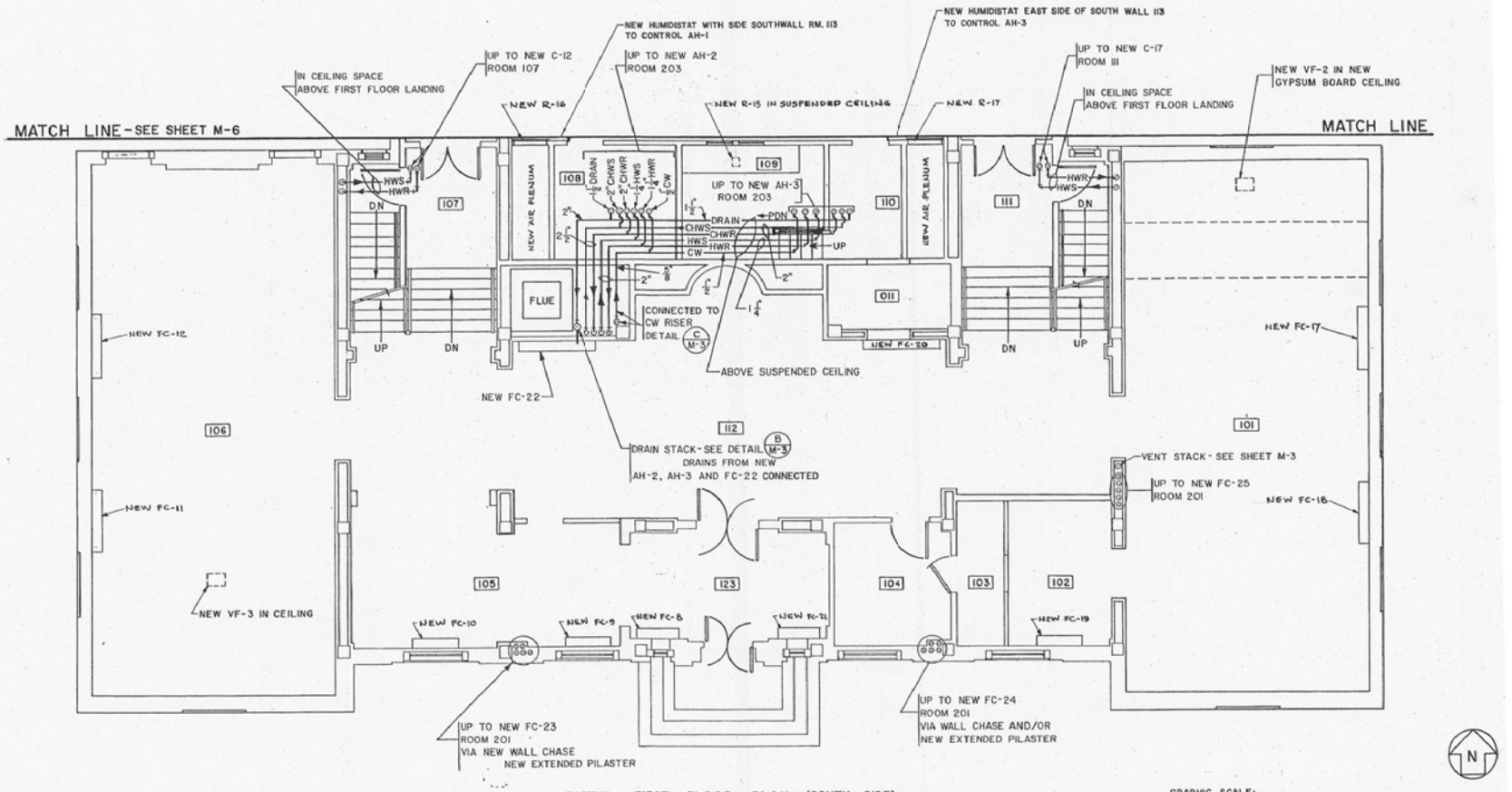
GRAPHIC SCALE:
1/4" = 1'-0"
1 0 1 2 3 4 8 12 16 FEET

A.V. COLABELLA, ENGINEERS
158 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623

MECH, HVAC, MUSEUM EQUIP. & PIPING, 1ST FL, N
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)

PREPARED
CRK DESIGNED
NAW DRAWN
CRK CHECKED
SEPT. 74 DATE

DRAWING NO. 337 41,007B
PKG 107
SHEET M-6
23 OF 47



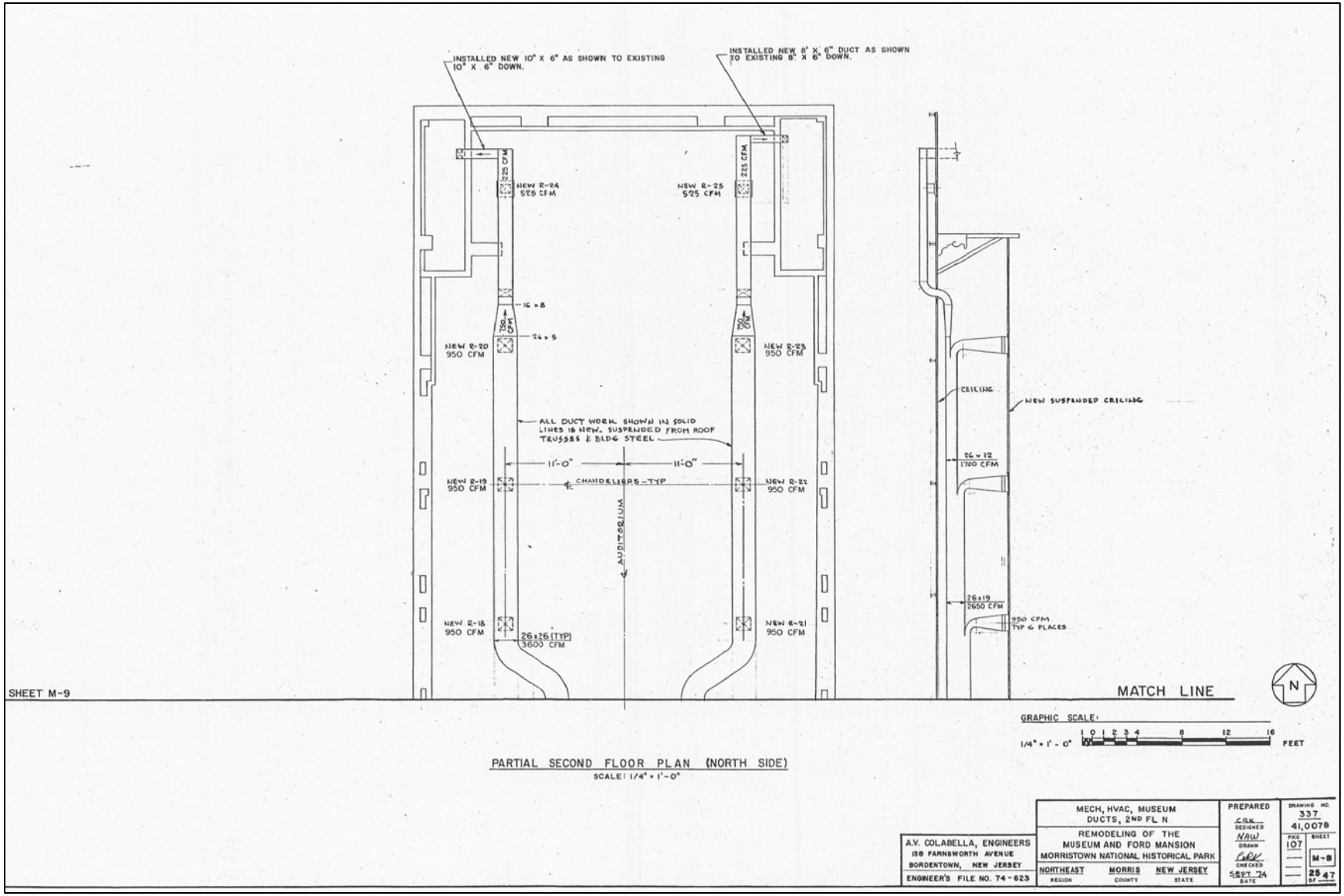
PARTIAL FIRST FLOOR PLAN (SOUTH SIDE)

SCALE: 1/4" = 1'-0"

NOTE-

ALL PIPING ON THIS SHEET IS NEW.

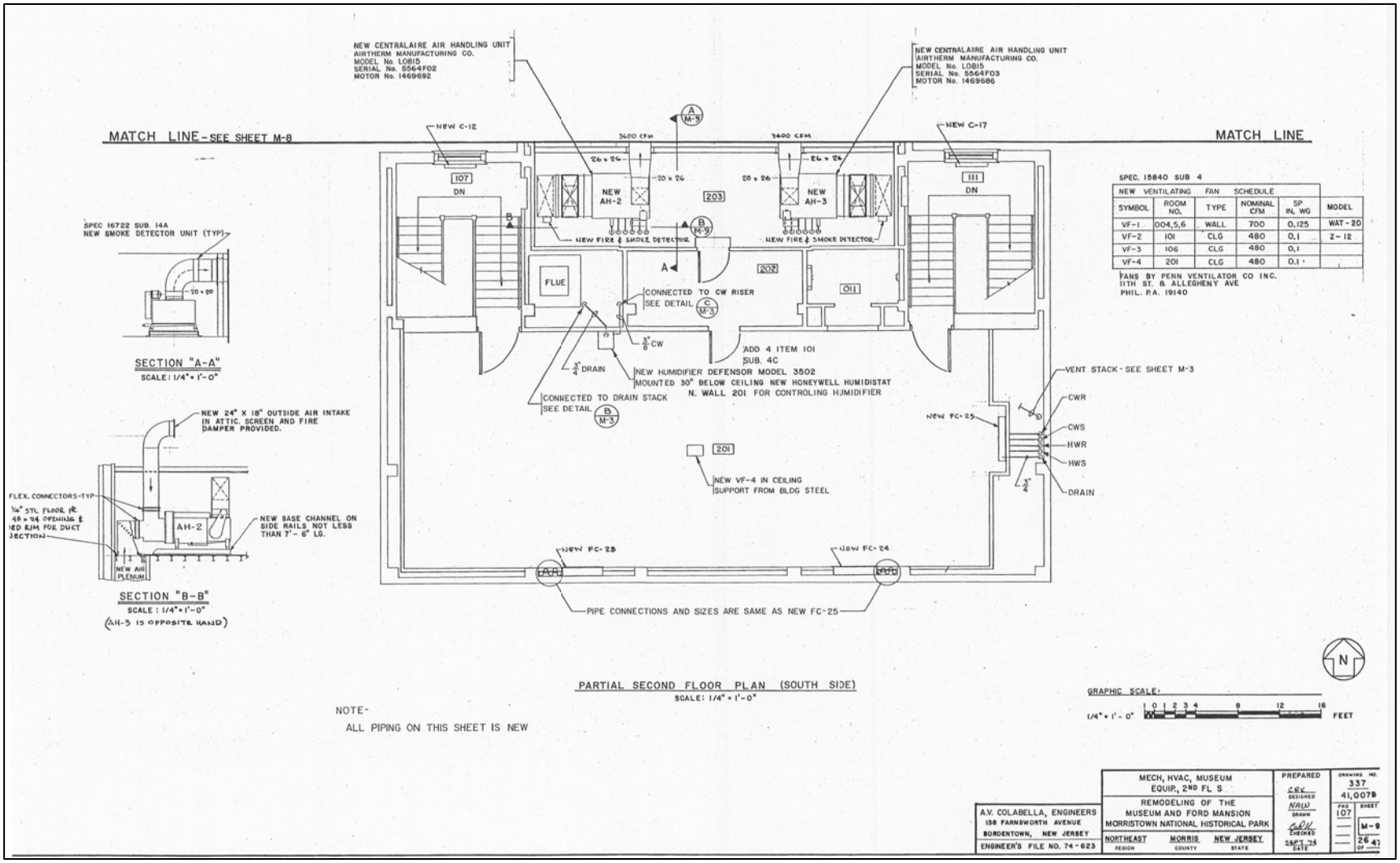
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	MECH, HVAC, MUSEUM EQUIP. & PIPING, 1ST FL, S REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	PREPARED KMV DESIGNED NAW DRAWN GWK CHECKED SEPT 74 DATE	DRAWING NO 337 41,007E PKG 107 SHEET M-24 OF 4

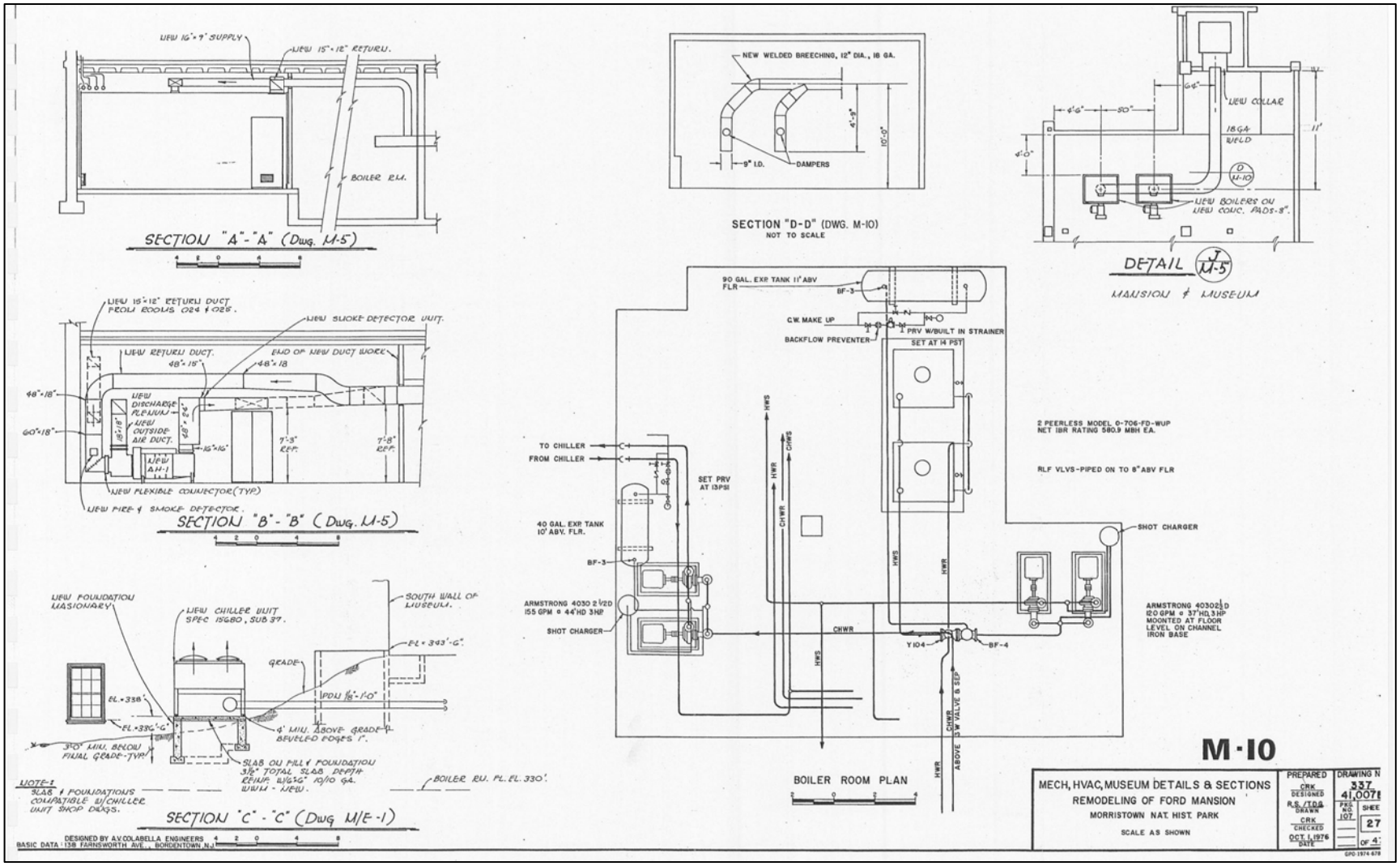


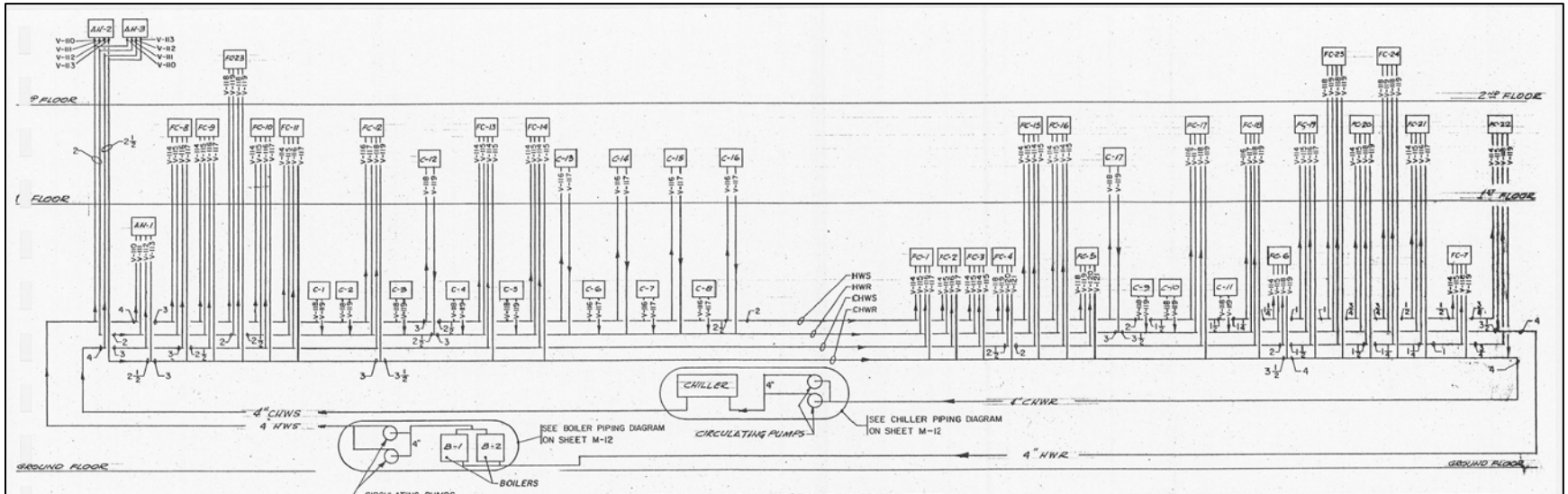
PARTIAL SECOND FLOOR PLAN (NORTH SIDE)

SCALE: 1/4" = 1'-0"

A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	MECH, HVAC, MUSEUM DUCTS, 2ND FL N REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	PREPARED CRK (DESIGNED) NAW (DRAWN) CRK (CHECKED) SEPT 74 (DATE)	DRAWING NO. 337 41,007B PKG 107 SHEET M-B 25 OF 47


MATCH LINE - SEE SHEET M-8
MATCH LINE
NEW CENTRALAIRE AIR HANDLING UNIT
AIRTHERM MANUFACTURING CO.
MODEL No. L0815
SERIAL No. 5564F02
MOTOR No. 1469692
NEW CENTRALAIRE AIR HANDLING UNIT
AIRTHERM MANUFACTURING CO.
MODEL No. L0815
SERIAL No. 5564F03
MOTOR No. 1469686
NEW C-12
NEW C-17
3600 CFM
3600 CFM
20 x 26
20 x 26
20 x 26
20 x 26
NEW AH-2
NEW AH-3
203
202
201
107
111
DN
DN
FLUE
011
NEW FIRE & SMOKE DETECTOR
NEW FIRE & SMOKE DETECTOR
CONNECTED TO CW RISER
SEE DETAIL C M-3
3/8" CW
4 3/4" DRAIN
ADD 4 ITEM 101
SUB. 4C
NEW HUMIDIFIER DEFENSOR MODEL 3502
MOUNTED 30" BELOW CEILING NEW HONEYWELL HUMIDISTAT
N. WALL 201 FOR CONTROLING HUMIDIFIER
CONNECTED TO DRAIN STACK
SEE DETAIL B M-3
NEW VF-4 IN CEILING
SUPPORT FROM BLDG STEEL
VENT STACK - SEE SHEET M-3
CWR
CWS
HWR
HWS
DRAIN
NEW FC-25
NEW FC-23
NEW FC-24
PIPE CONNECTIONS AND SIZES ARE SAME AS NEW FC-25
SPEC 16722 SUB. 14A
NEW SMOKE DETECTOR UNIT (TYP)
20 x 20
SECTION "A-A"
SCALE: 1/4" = 1'-0"
NEW 24" X 18" OUTSIDE AIR INTAKE
IN ATTIC. SCREEN AND FIRE
DAMPER PROVIDED.
FLEX. CONNECTORS-TYP
1/4" STL FLOOR PL
48 x 24 OPENING &
RED RIM FOR DUCT
SECTION
AH-2
NEW BASE CHANNEL ON
SIDE RAILS NOT LESS
THAN 7'-6" LG.
NEW AIR
PLENUM
SECTION "B-B"
SCALE: 1/4" = 1'-0"
(AH-3 IS OPPOSITE HAND)
PARTIAL SECOND FLOOR PLAN (SOUTH SIDE)
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE:
1/4" = 1'-0"
1 0 1 2 3 4 8 12 16
FEET
N
NOTE-
ALL PIPING ON THIS SHEET IS NEW
SPEC. 15840 SUB 4
NEW VENTILATING FAN SCHEDULE
SYMBOL | ROOM NO. | TYPE | NOMINAL CFM | SP IN. WG | MODEL
VF-1 | 004,5,6 | WALL | 700 | 0.125 | WAT-20
VF-2 | 101 | CLG | 480 | 0.1 | Z-12
VF-3 | 106 | CLG | 480 | 0.1
VF-4 | 201 | CLG | 480 | 0.1
FANS BY PENN VENTILATOR CO INC.
11TH ST. & ALLEGHENY AVE
PHIL. PA. 19140
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
MECH, HVAC, MUSEUM
EQUIP., 2ND FL S
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST MORRIS NEW JERSEY
REGION COUNTY STATE
PREPARED
CRK DESIGNED
NAW DRAWN
CHECKED
SEPT. 74 DATE
DRAWING NO. 337
41,0078
PKG 107
SHEET M-9
OF 41


NEW 16"×9" SUPPLY
NEW 15"×12" RETURN.
BOILER RM.
SECTION "A"-"A" (Dwg. M-5)
NEW 15"×12" RETURN DUCT FROM ROOMS 024 & 026.
NEW SMOKE DETECTOR UNIT.
NEW RETURN DUCT.
END OF NEW DUCT WORK
48"×18"
NEW DISCHARGE PLENUM
NEW OUTSIDE AIR DUCT.
60"×18"
NEW AH-1
7'-3" REF.
7'-8" REF.
NEW FLEXIBLE CONNECTOR (TYP.)
NEW FIRE & SMOKE DETECTOR.
SECTION "B"-"B" (Dwg. M-5)
NEW FOUNDATION MASIONARY
NEW CHILLER UNIT SPEC 15680, SUB 37.
SOUTH WALL OF MUSEUM.
EL. 343'-6".
GRADE
EL. 338'
EL. 330'-6"
4' MIN. ABOVE GRADE BEVELED EDGES 1".
3'-0" MIN. BELOW FINAL GRADE-TYP.
SLAB ON FILL & FOUNDATION 3½" TOTAL SLAB DEPTH REINF. W/6"×6" 10/10 GA. WWM - NEW.
BOILER RM. FL. EL. 330'.
NOTE: SLAB & FOUNDATIONS COMPATIBLE W/CHILLER UNIT SHOP DWGS.
SECTION "C"-"C" (Dwg M/E-1)
NEW WELDED BREECHING, 12" DIA., 18 GA.
4'-9"
10'-0"
9" I.D.
DAMPERS
SECTION "D-D" (DWG. M-10)
NOT TO SCALE
NEW COLLAR
18 GA WELD
NEW BOILERS ON NEW CONC. PADS-8".
DETAIL
MANSION & MUSEUM
90 GAL. EXP TANK 11' ABV FLR
BF-3
C.W. MAKE UP
BACKFLOW PREVENTER
1 PRV W/BUILT IN STRAINER SET AT 14 PST
2 PEERLESS MODEL 0-706-FD-WUP NET IBR RATING 580.9 MBH EA.
RLF VLVS-PIPED ON TO 8" ABV FLR
TO CHILLER
FROM CHILLER
SET PRV AT 13PSI
HWS
HWR
CHWS
CHWR
40 GAL. EXP TANK 10' ABV. FLR.
SHOT CHARGER
ARMSTRONG 4030 2 1/2D 155 GPM @ 44'HD 3HP
ARMSTRONG 4030 2½D 120 GPM @ 37'HD, 3HP MOUNTED AT FLOOR LEVEL ON CHANNEL IRON BASE
Y104
BF-4
CW VALVE & SEP
ABOVE
BOILER ROOM PLAN
M-10
MECH, HVAC, MUSEUM DETAILS & SECTIONS
REMODELING OF FORD MANSION
MORRISTOWN NAT. HIST. PARK
SCALE AS SHOWN
PREPARED
CRK DESIGNED
R.S. /T.D.S. DRAWN
CRK CHECKED
OCT. 1, 1976 DATE
DRAWING NO.
337
41,007E
SHEET
27
OF 41
DESIGNED BY A.V. COLABELLA ENGINEERS
BASIC DATA: 138 FARNSWORTH AVE., BORDENTOWN, N.J.



HOT AND CHILLED WATER RISER DIAGRAM

NO SCALE

FAN COIL UNIT SCHEDULE

SYMBOL	ROOM NO.	CFM (NOMINAL)	COOLING ① TOTAL MBH	COOLING ① BRANCH SIZE	HEATING ② MBH	HEATING ② BRANCH SIZE	ENCLOS. ③
FC-1	001	400	10.6	1/2	5.4	3/4	B
FC-2	001	400	10.6	1/2	5.4		B
FC-3	003	200	6.0	3/8	2.5		D
FC-4	002	1200	25.0	1	19.8		E
FC-5	002	1200	25.0	1	19.8		E
FC-6	007	400	12.5	3/4	8.9		A
FC-7	002	1000	22.0	3/4	20.8		D
FC-8	123	200	5.6	1/2	3.6		A
FC-9	105	300	8.5	1/2	5.3		A
FC-10	105	300	8.5	1/2	5.3		A
FC-11	106	600	15.8	3/4	15.2		B
FC-12	106	600	15.5	3/4	15.2		B
FC-13	114	200	6.5	3/8	11.2		B
FC-14	114	200	4.5	3/8	11.2		B
FC-15	120	200	5.5	3/8	12.4		B
FC-16	120	200	5.5	3/8	12.4		B
FC-17	101	600	13.8	3/4	12.9		B
FC-18	101	600	13.8	3/4	12.9		B
FC-19	102	300	7.1	1/2	6.3		A
FC-20	112	600	13.8	3/4	3.6		B
FC-21	123	200	5.6	1/2	3.6		A
FC-22	112	600	13.8	3/4	3.6		B
FC-23	201	400	11.0	3/4	19.8		C
FC-24	201	400	11.0	3/4	19.8		C
FC-25	201	400	11.0	3/4	19.8		C

① BASED ON 45°F CHILLED WATER, 78°F ENTERING AIR.
② BASED ON 190°F HOT WATER, 70°F ENTERING AIR.
③ ENCLOSURE TYPE: A VERTICAL CABINET, FLAT TOP — MODEL F
B DO, SLOPED TOP — MODEL SF
C VERTICAL, RECESSED W/FRONT PANEL — MODEL CF-R
D DO, HIDEAWAY W/OUTLET COLLAR — MODEL CF
E HORIZONTAL, CONCEALED CEILING TYPE. — MODEL CP-A

(SPEC 15800 SUB 4 CONTROLS BY HONEYWELL)

AIR HANDLER UNIT SCHEDULE

MODEL	SYMBOL	ROOM NO.	CFM (NOMINAL)	COOLING TOTAL MBH	COOLING BRANCH SIZE	HEATING MBH CAPACITY PREHEAT	HEATING MBH CAPACITY REHEAT	HEATING BRANCH SIZE	EXTERNAL SP (IN. WG)
HHC-1016	AH-1	109	5000	160	2	90	130	1 1/4	1.25
HHC-0815	AH-2	203	3600	105	2	65	100	1 1/4	0.75
HHC-0815	AH-3	203	3600	105	2	65	100	1 1/4	0.75

(SPEC 15140 SUB 26B)

CIRCULATING PUMP SCHEDULE

SERVICE	GPM	TDH	RPM
HOT WATER	120	37'	1750
CHILLED WATER	155	44'	1750

NOTES:
1. ALL EQUIPMENT & PIPING INDICATED ON THIS SHEET IS NEW.
2. FAN COILS, AIR HANDLERS & CONVECTORS BY: AIRTHERM MFG. CO. 700 S. SPRING AVE. ST. LOUIS, MO. 63110
3. ALL FC & C RISERS 3/4". ALL VALVES: GLOBE & GATE FOR FC & C V118 & V119.
4. FC CONTROLS BY AIRTHERM (EXCEPT 3-4 & 5 REMOTE BY HONEYWELL) INTEGRAL THERMOSTAT TP 4C47 3W MOTORIZED VALVES VP-12B (SPEC 15770 SUB 4A & 4B)
5. CONVECTOR CONTROL: DANFOSS RA-33 VALVE (SPEC 15740 SUB 5&6)

CONVECTOR SCHEDULE

SYMBOL	ROOM NO.	BTUH ①	COIL TYPE ②	ENCLOS. ③	BRANCH PIPE SIZE	REMARKS SUB
C-1	025	3625	A	2	3/4	5
C-2	025	3625		2		
C-3	024	4350		2		
C-4	014	2175		3		
C-5	015	2175	A	3		
C-6	022	3300	B	1		6
C-7	022	3300	B	1		
C-8	021	3300	B	1		
C-9	006	4350	A	3		5
C-10	005	2900		3		
C-11	006	2900		3		
C-12	107	2900	A	2		
C-13	122	6600	B	1		6
C-14	122	7425				
C-15	121	6600		1		
C-16	121	6600	B	1		
C-17	111	2900	A	2		5

① ALL CAPACITIES ARE MIN. 1-B-R RATINGS BASED ON 190°F WATER, 65°F RETURN AIR AND 1 FPS VELOCITY.
② ALL FIN TUBES ARE ALUMINUM-ON-COPPER. TYPE "A" ELEMENTS ARE SINGLE ROW, 1/2" TUBE, 4 1/2" SQ FINS, 42 TO 48 PER INCH. TYPE "B" ELEMENTS ARE 2-ROW, 1" TUBE, 3 1/2" SQ FINS, 48 PER INCH.
③ TYPE 1 ENCLOSURE IS BUILT INTO EXIST. WALL SPACE WITH WINDOW SILL OR THRU THE WALL OUTLETS. TYPE 2 & 3 ENAMEL METAL, 18" HIGH. TYPE 2 W/OUTLET LOUVERS TOP & FRONT. TYPE 3 WITH SLOPE TOP

A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623

MECH, HVAC, MUSEUM
SCHEM DIAG & EQUIP. SCH

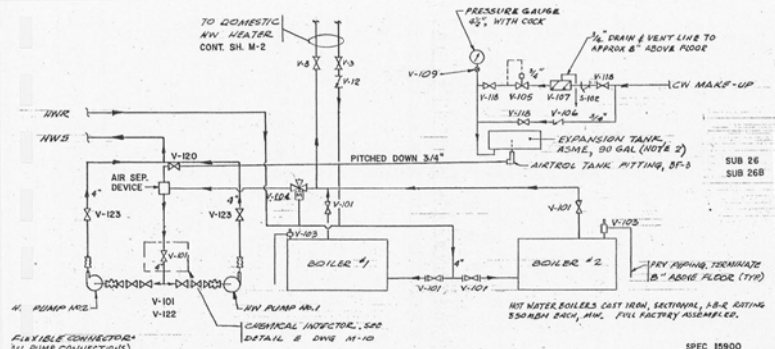
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK

NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)

PREPARED: CEC DESIGNED; VS DRAWN; CHECKED; SEPT 74 DATE

DRAWING NO. 337
41,007B

PRO 107 SHEET M-1
28 OF 4



BOILER PIPING DIAGRAM
NO SCALE

BOILER FITTINGS				REMARKS
SYMBOL	QUANTITY	SIZE		
BF-3 (SUB 26)	2	1/2 x 3/4	ATF-20 or 24	ARMSTRONG TMA 12"&20" TO SUIT TANK DIA.
BF-4 (SUB 26B)	1	4"	VA-4	ARMSTRONG AIR SEPARATOR

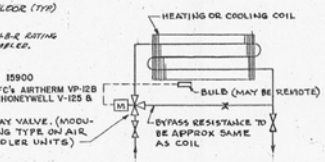


DIAGRAM OF TYPICAL COIL ARRANGEMENT
FOR AIR HANDLERS AND FAN COIL UNITS
NO SCALE

SPEC 15770 SUB 4A & B
FC's 1-HEATING 1-COOLING COIL
AH's 2-HEATING 1-COOLING COIL

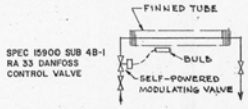
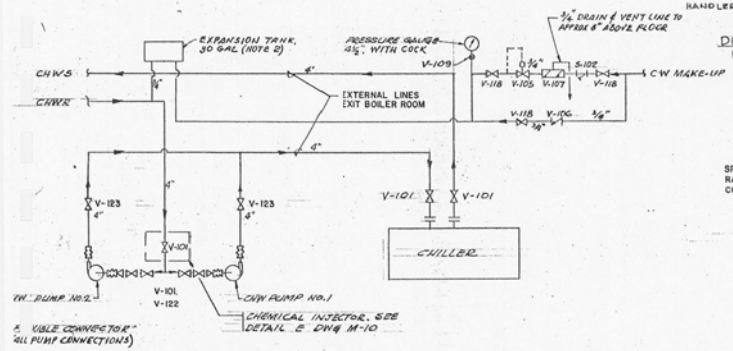


DIAGRAM OF TYP CONVECTOR ARRGT
NO SCALE (SPEC 15740 SUB 5)

REGISTER & GRILL SCHEDULE								
SYMBOL	ROOM NO.	*TYPE	SIZE	PURPOSE	NECK	VOLUME CONTROL	REMARKS
R-1	002	A	30 X 14	SUPPLY		YES	MFG: TUTTLE &
R-2		D	30 X 18	RETURN		NO	BAILEY, NEW BRITON
R-3		A	28 X 14	SUPPLY		YES	CONN.
R-4	002	D	30 X 16	RETURN		NO	
R-5	025	B	12 X 12	SUPPLY	8 X 8	YES	
R-6	025	B	12 X 12		8 X 8		
R-7	024	B	12 X 12		8 X 8		
R-8	002	A	30 X 16	SUPPLY		YES	
R-9	002	D	30 X 19	RETURN		NO	
R-10	002	A	16 X 5	SUPPLY		YES	
R-11	004	F	10 X 10	EXHAUST			
R-12	005	E	18 X 12				
R-13	006	E	18 X 12				
R-14	006	E	10 X 8				
R-15	109	F	10 X 10	EXHAUST		YES	
R-16	109	D	30 X 30	RETURN		NO	
R-17	109	D	30 X 30	RETURN		NO	
R-18	113	C	24 X 24	SUPPLY	15 X 15	YES	
R-19							
R-20							
R-21							
R-22							
R-23	113	C	24 X 24		15 X 15		
R-24	117	B	18 X 18		12 X 12		
R-25	117	B	18 X 18		12 X 12		
R-26	017	B	12 X 12	SUPPLY	8 X 8	YES	

* SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS FOR TYPES A THROUGH F. (SPEC. 15840 SUB. 25B)



CHILLER PIPING DIAGRAM
NO SCALE

VALVE SCHEDULE									
SUB	SYMBOL	SIZE	TYPE	MAT'L	CLASS	CONNECTION	MANUFACTURER	FIG NO.	QUAN	REMARKS
50	V-101	4"	ECCENTRIC PLUG		150	FLANGED	HOMESTEAD		16	
50	V-102	3"	CHECK	IRON BODY	125	"	CRANE	373	2	
26	V-103	3/16"	RELIEF VALVE				WATTS NO. 740		2	FURNISHED W/BOILER
34	V-104	4"	3-WAY MIXING VALVE			FLANGED	HONEYWELL		1	BY CONTROL MFR-MOTORIZED MP9000 1057
26	V-105	3/4"	REDUCING	BRONZE			ARMSTRONG RD 40		2	SEE NOTE 1
	V-106	3/8"	CHECK	BRONZE	100	"	CRANE	1246	2	
26	V-107	3/4"	BACK FLOW PREVENTER			SCREWED	WATTS	Sc 900	2	
45	V-109	1/4"	COCK	BRONZE		SCREWED			4	SUPPLIED W/GAGE
	V-110	1 1/4"	GATE		150		HAMMOND	631	3	
	V-111	1 1/4"	GLOBE					14½ P	3	PLUG TYPE DISC AH's
	V-112	2"	GATE					631	3	
	V-113	2"	GLOBE					14½ P	3	PLUG TYPE DISC
	V-114	3/8"	GATE					631	21	
	V-115	3/8"	GLOBE					14½ P	21	PLUG TYPE DISC
	V-116	1/2"	GATE					631	20	
	V-117	1/2"	GLOBE					14½ P	18	PLUG TYPE DISC
	V-118	3/4"	GATE					631	40	FC's &
	V-119	3/4"	GLOBE					14½ P	26	PLUG TYPE DISC CONVECT.
	V-120	1"	GATE					631	2	
	V-121	1"	GLOBE	BRONZE	150	SCREWED	HAMMOND	14½ P	2	PLUG TYPE DISC
50	V-122	4"	SUCTION GUIDE		175	FLANGED	ARMSTRONG SG 43		4	
50	V-123	4"	TRIPLE DUTY CONTROL		175	FLANGED	ARMSTRONG HW B&G CW		4	SHUTOFF, REG & CHECK
	V-124		SOLENOID						3	HUMIDIFIER CONTROL AH's 1,2 & 3
34	V-125	1 1/4"	3 WAY MIXING			SCREWED	HONEYWELL MOTORIZED M934A 1292		3	PREHEAT AH's 1,2 & 3
34	V-126	2"	3 WAY MIXING			SCREWED	HONEYWELL MOTORIZED M944 B1175		6	COOLING & REHEAT AH's 1,2 & 3
26	S-102	3/4"	STRAINER	BRONZE	175	SCREWED	JORDAN McALEAR 539 s		2	

NOTES:
1. ALL PIPING IN HOT WATER AND CHILLED WATER CIRCULATING SYSTEMS ——— SCH 40 BLACK IRON.
2. MAKE-UP PRESSURE SETTING ——— 13 PSI AS REFERRED TO BOILER ROOM FLOOR.

NOTES:
1. SET FEED VALVES V-105 FOR 14 PSI REFERRED TO BOILER ROOM FLOOR.
2. MOUNT EXPANSION TANKS ON BRACKETS ON SOUTH WALL OF BOILER ROOM APPROX 8 FT ABOVE FLOOR.
3. CONTROLS & INSTRUMENTATION (SPEC 15900 SUB 34 & 45)
4. ALL EQUIPMENT & PIPING INDICATED ON THIS DRAWING IS NEW.

A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623

MECH, HVAC, MUSEUM
SCHEM DIAG & EQUIP. SCH

REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK

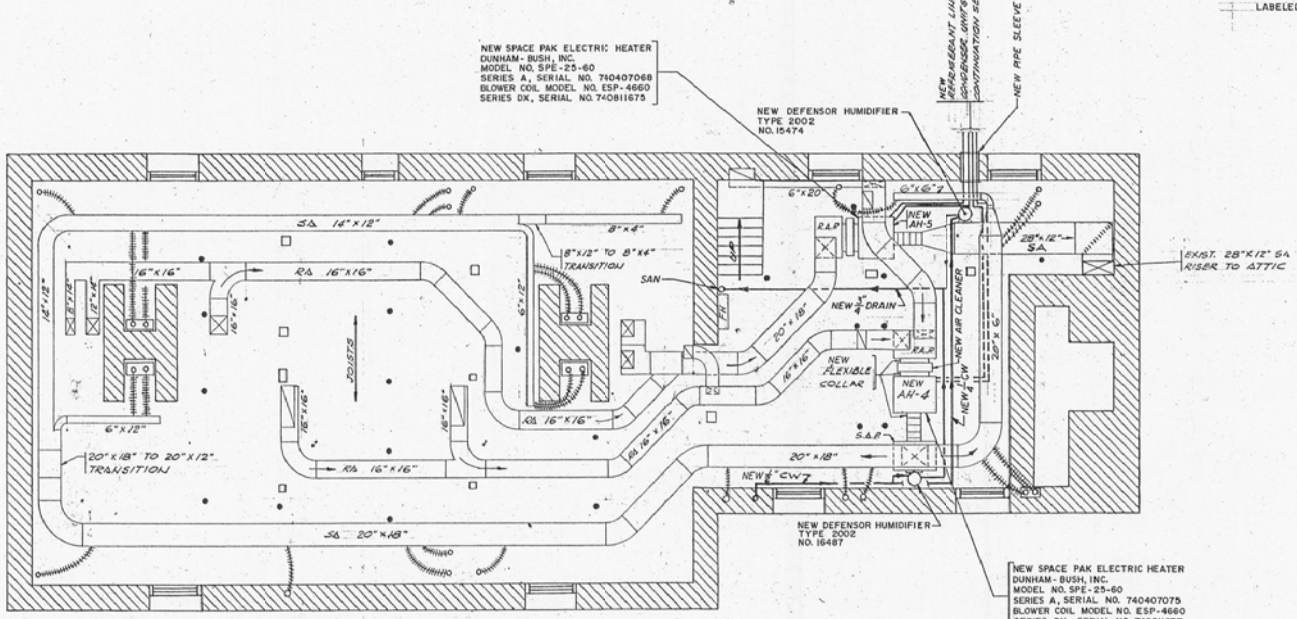
NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)

PREPARED: CSV (DESIGNED) VS (DRAWN) CHECKED SEPT 74 (DATE)

DRAWING NO. 337 41,0078
FSC 107
SHEET M-12
29 OF 41

NOTES:

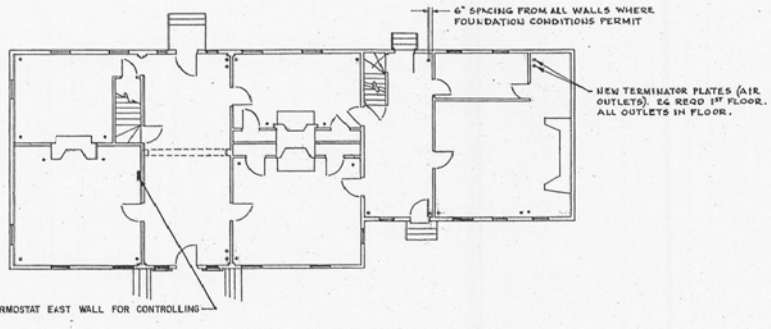
1. EXCEPT FOR 28"x12" RISER, ALL DUCTWORK ON THIS SHEET IS NEW
2. RAN ALL DUCT AS CLOSE AS POSSIBLE TO BASEMENT CEILING BUT NOT BETWEEN JOISTS.
3. SPEC. 15851
   AH'S 4&5
   ELEC. HEATERS } SUB. 6
   AIR CLEANERS
   HUMIDIFIERS
   CONDENSING UNITS - SUB 35
4. AH 4 SAME AS AH A
   AH 5 SAME AS AH B
   LABELED A & B AT MANSION PANELS



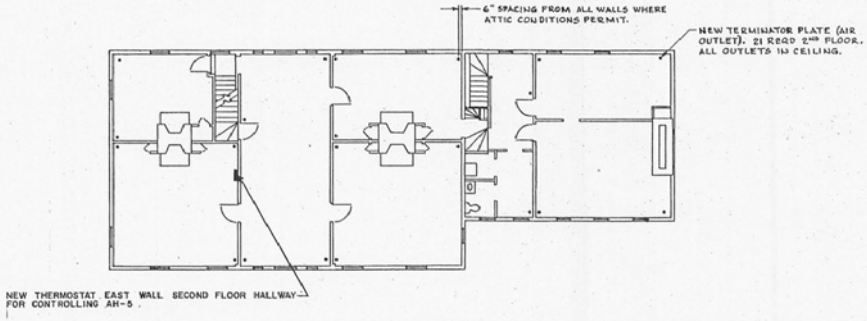
BASEMENT FLOOR PLAN
SCALE: 1/4" = 1'-0"

GRAPHIC SCALE:
1/4" = 1' - 0" 1 0 1 2 3 4 8 12 16 FEET

A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	MECH, HVAC, MANSION BASEMENT REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	PREPARED WS DESIGNED VG DRAWN GRM CHECKED SEPT 74 DATE	DRAWING NO. 337 41,007B FILE 107 SHEET M-13 30 47



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

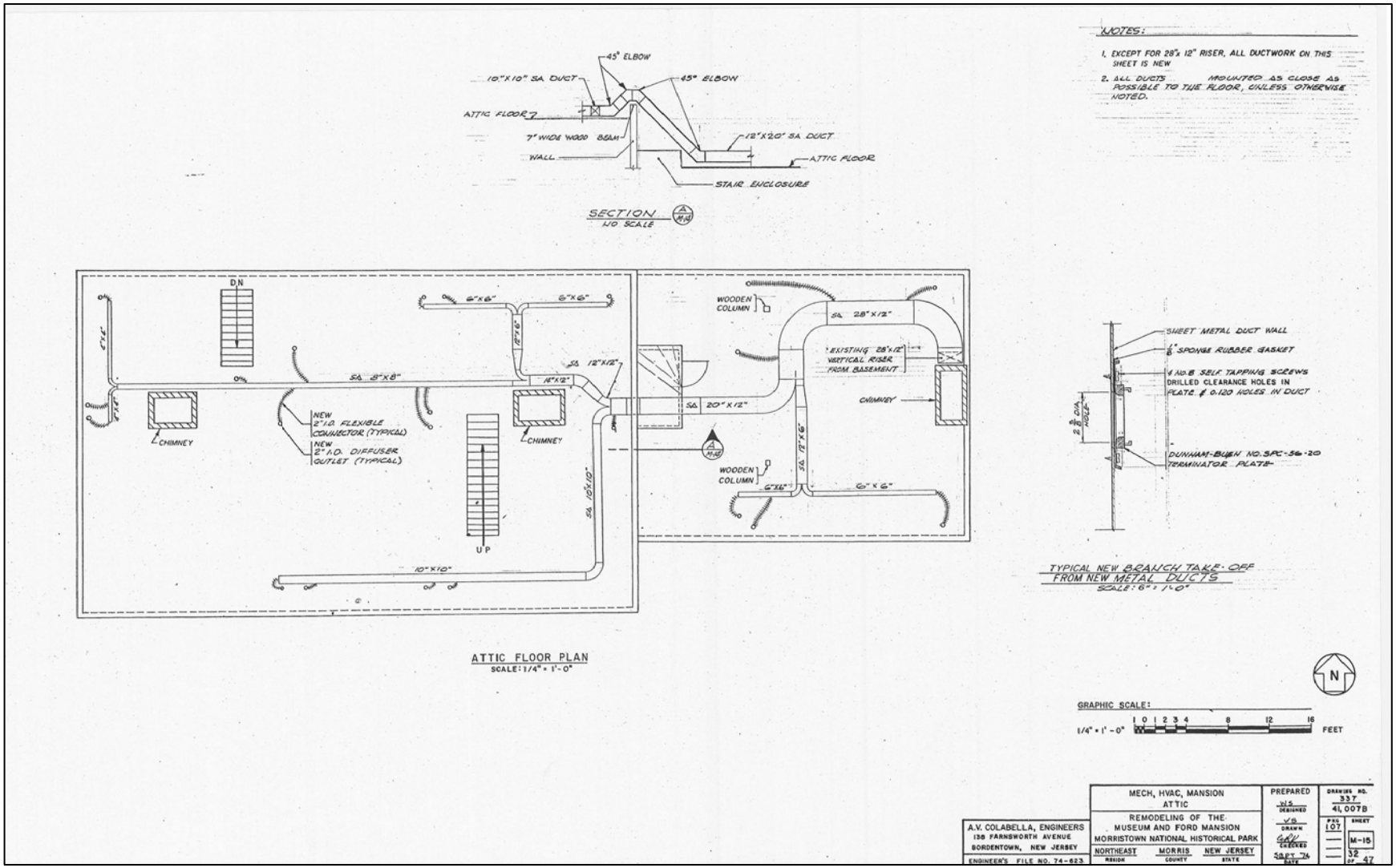


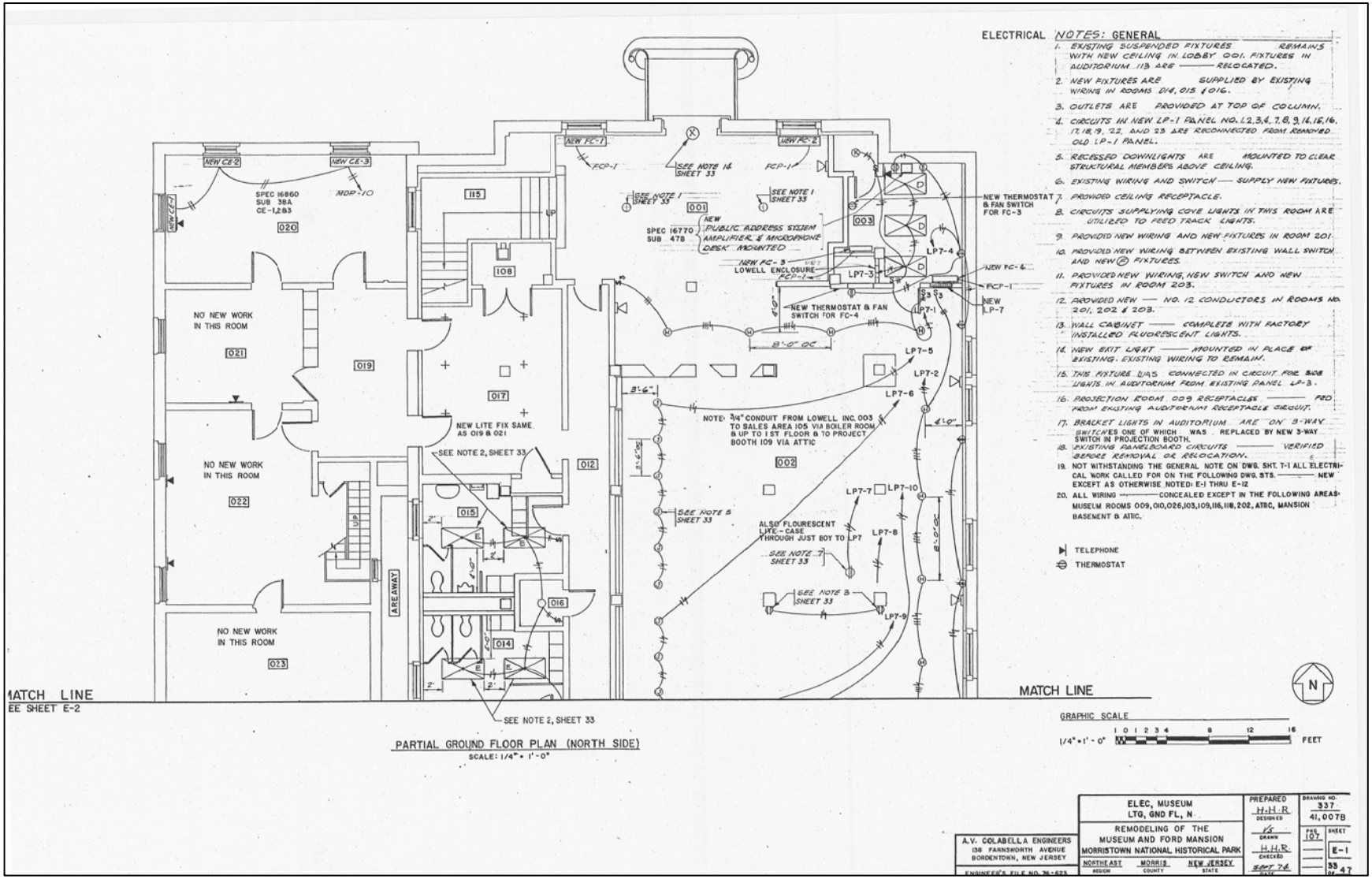
SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE:
1/8" = 1'-0" 0 1 2 3 4 8 12 16

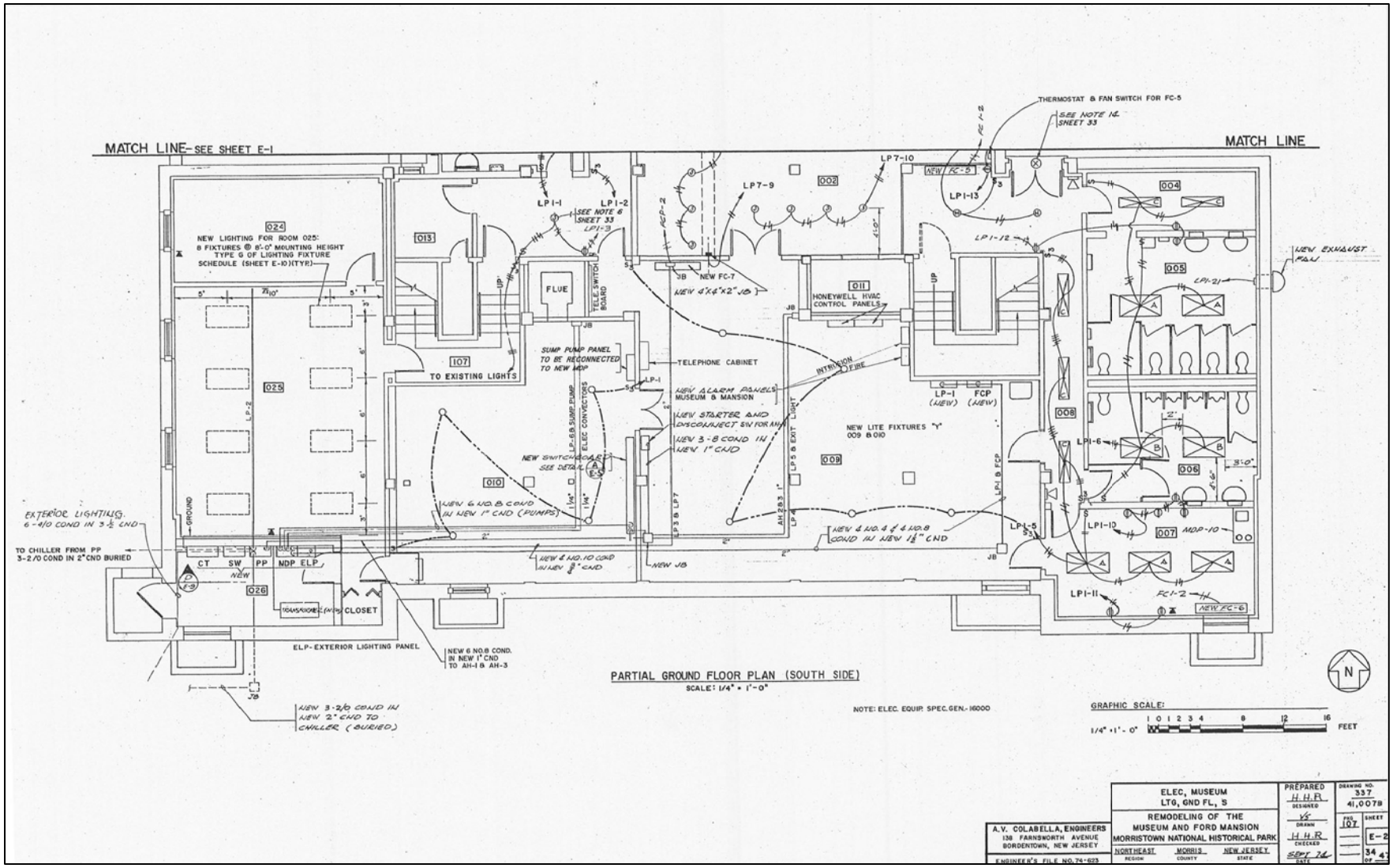
N

A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	MECH, HVAC, MANSION 1ST & 2ND FLOORS REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST REGION · MORRIS COUNTY · NEW JERSEY STATE	PREPARED WS DESIGNED VG DRAWN CHECKED SEPT 74 DATE	DRAWING NO. 337 41,0078 FKS 107 SHEET M-14 31 OF 47


NOTES:
1. EXCEPT FOR 28"x 12" RISER, ALL DUCTWORK ON THIS SHEET IS NEW
2. ALL DUCTS MOUNTED AS CLOSE AS POSSIBLE TO THE FLOOR, UNLESS OTHERWISE NOTED.
45° ELBOW
10"X10" SA. DUCT
45° ELBOW
ATTIC FLOOR
7" WIDE WOOD BEAM
WALL
12"X20" SA. DUCT
ATTIC FLOOR
STAIR ENCLOSURE
SECTION
NO SCALE
DN
6"x6"
6"x6"
12"x6"
SA. 8"x8"
14"x12"
SA. 12"x12"
CHIMNEY
NEW 2" I.D. FLEXIBLE CONNECTOR (TYPICAL)
NEW 2" I.D. DIFFUSER OUTLET (TYPICAL)
CHIMNEY
UP
SA. 10"x10"
10"x10"
WOODEN COLUMN
SA. 28"x12"
EXISTING 28"x12" VERTICAL RISER FROM BASEMENT
CHIMNEY
SA. 20"x12"
WOODEN COLUMN
SA. 12"x6"
6"x6"
6"x6"
ATTIC FLOOR PLAN
SCALE: 1/4" = 1'-0"
SHEET METAL DUCT WALL
1/8" SPONGE RUBBER GASKET
#10-8 SELF TAPPING SCREWS DRILLED CLEARANCE HOLES IN PLATE & 0.120 HOLES IN DUCT
2 3/8" DIA. HOLE
DUNHAM-BUSH NO. SFC-56-20 TERMINATOR PLATE
TYPICAL NEW BRANCH TAKE-OFF FROM NEW METAL DUCTS
SCALE: 6" = 1'-0"
N
GRAPHIC SCALE:
1/4" = 1'-0"
1 0 1 2 3 4 8 12 16
FEET
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
MECH, HVAC, MANSION
ATTIC
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED
WS DESIGNED
VG DRAWN
GAV CHECKED
SEPT '74 DATE
DRAWING NO. 337 41,007B
PAG. 107
SHEET M-15
32 OF 47



PARTIAL GROUND FLOOR PLAN (NORTH SIDE)
SCALE: 1/4" = 1'-0"



PARTIAL GROUND FLOOR PLAN (SOUTH SIDE)

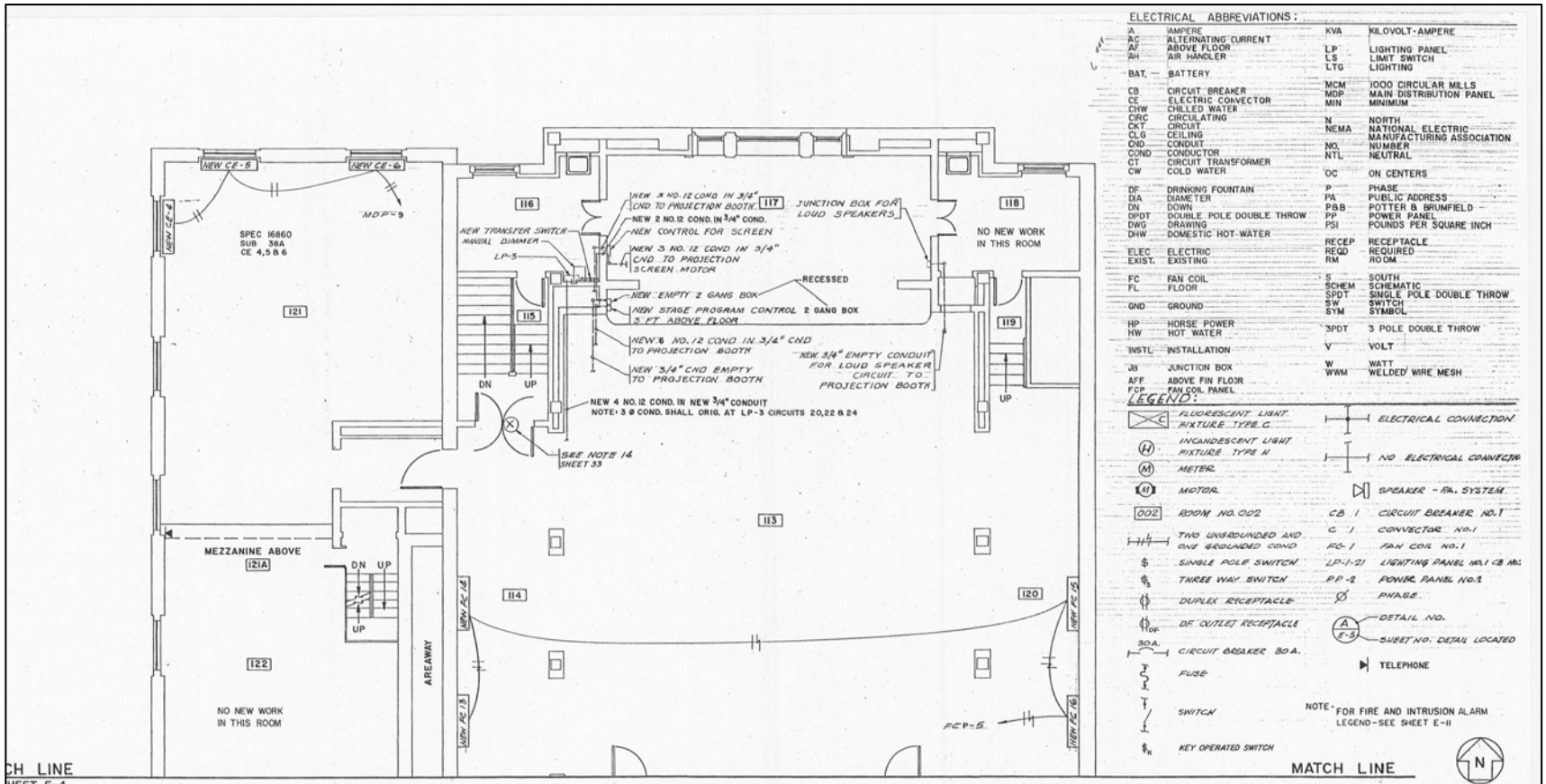
SCALE: 1/4" = 1'-0"

NOTE: ELEC. EQUIP. SPEC. GEN.- 16000

GRAPHIC SCALE:

1/4" = 1'- 0" 1 0 1 2 3 4 8 12 16 FEET

A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY	ELEC. MUSEUM LTG, GND FL, S	PREPARED H.H.R. DESIGNED	DRAWING NO. 337 41,0078
	REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK	DRAWN	FIG. 107 / SHEET E-2
ENGINEER'S FILE NO. 74-623	NORTHEAST (REGION) / MORRIS (COUNTY) / NEW JERSEY (STATE)	CHECKED H.H.R. DATE SEPT 76	34 OF 43



ELECTRICAL ABBREVIATIONS:

A	AMPERE	KVA	KILOVOLT-AMPERE
AC	ALTERNATING CURRENT		
AF	ABOVE FLOOR	LP	LIGHTING PANEL
AH	AIR HANDLER	LS	LIMIT SWITCH
BAT.	BATTERY	LTG	LIGHTING
		MCM	1000 CIRCULAR MILLS
CB	CIRCUIT BREAKER	MDP	MAIN DISTRIBUTION PANEL
CE	ELECTRIC CONVECTOR	MIN	MINIMUM
CHW	CHILLED WATER		
CIRC	CIRCULATING	N	NORTH
CKT	CIRCUIT	NEMA	NATIONAL ELECTRIC MANUFACTURING ASSOCIATION
CLG	CEILING		
CND	CONDUIT	NO.	NUMBER
COND	CONDUCTOR	NTL	NEUTRAL
CT	CIRCUIT TRANSFORMER		
CW	COLD WATER	OC	ON CENTERS
DF	DRINKING FOUNTAIN	P	PHASE
DIA	DIAMETER	PA	PUBLIC ADDRESS
DN	DOWN	P&B	POTTER & BRUMFIELD
DPDT	DOUBLE POLE DOUBLE THROW	PP	POWER PANEL
DWG	DRAWING	PSI	POUNDS PER SQUARE INCH
DHW	DOMESTIC HOT-WATER		
		RECEP	RECEPTACLE
ELEC	ELECTRIC	REQD	REQUIRED
EXIST.	EXISTING	RM	ROOM
FC	FAN COIL	S	SOUTH
FL	FLOOR	SCHEM	SCHEMATIC
		SPDT	SINGLE POLE DOUBLE THROW
GND	GROUND	SW	SWITCH
		SYM	SYMBOL
HP	HORSE POWER		
HW	HOT WATER	3PDT	3 POLE DOUBLE THROW
INSTL	INSTALLATION	V	VOLT
JB	JUNCTION BOX	W	WATT
AFF	ABOVE FIN FLOOR	WWM	WELDED WIRE MESH
FCP	FAN COIL PANEL		

LEGEND:

FLUORESCENT LIGHT FIXTURE TYPE C	ELECTRICAL CONNECTION
INCANDESCENT LIGHT FIXTURE TYPE H	NO ELECTRICAL CONNECTION
METER	
MOTOR	SPEAKER - PA. SYSTEM
002 ROOM NO. 002	CB 1 CIRCUIT BREAKER NO. 1
TWO UNGROUNDED AND ONE GROUNDED COND	C 1 CONVECTOR NO. 1
	FC-1 FAN COIL NO. 1
SINGLE POLE SWITCH	LP-1-21 LIGHTING PANEL NO. 1 CB NO.
THREE WAY SWITCH	P.P.-2 POWER PANEL NO. 2
DUPLEX RECEPTACLE	Ø PHASE
DF OUTLET RECEPTACLE	A / E-5 — DETAIL NO. / SHEET NO. DETAIL LOCATED
30A. CIRCUIT BREAKER 30 A.	TELEPHONE
FUSE	
SWITCH	NOTE - FOR FIRE AND INTRUSION ALARM LEGEND - SEE SHEET E-11
KEY OPERATED SWITCH	

GRAPHIC SCALE

1/4" = 1'-0" 1 0 1 2 3 4 8 12 16 FEET

PARTIAL FIRST FLOOR PLAN (NORTH SIDE)

SCALE: 1/4" = 1'-0"

NOTE: DASHED CONDUIT LINE HAVE SAME SIGNIFICANCE AS UNBROKEN CONDUIT LINES.

A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY

ENGINEER'S FILE NO. 74-623

ELEC, MUSEUM
LTG, 1ST FL, N

REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK

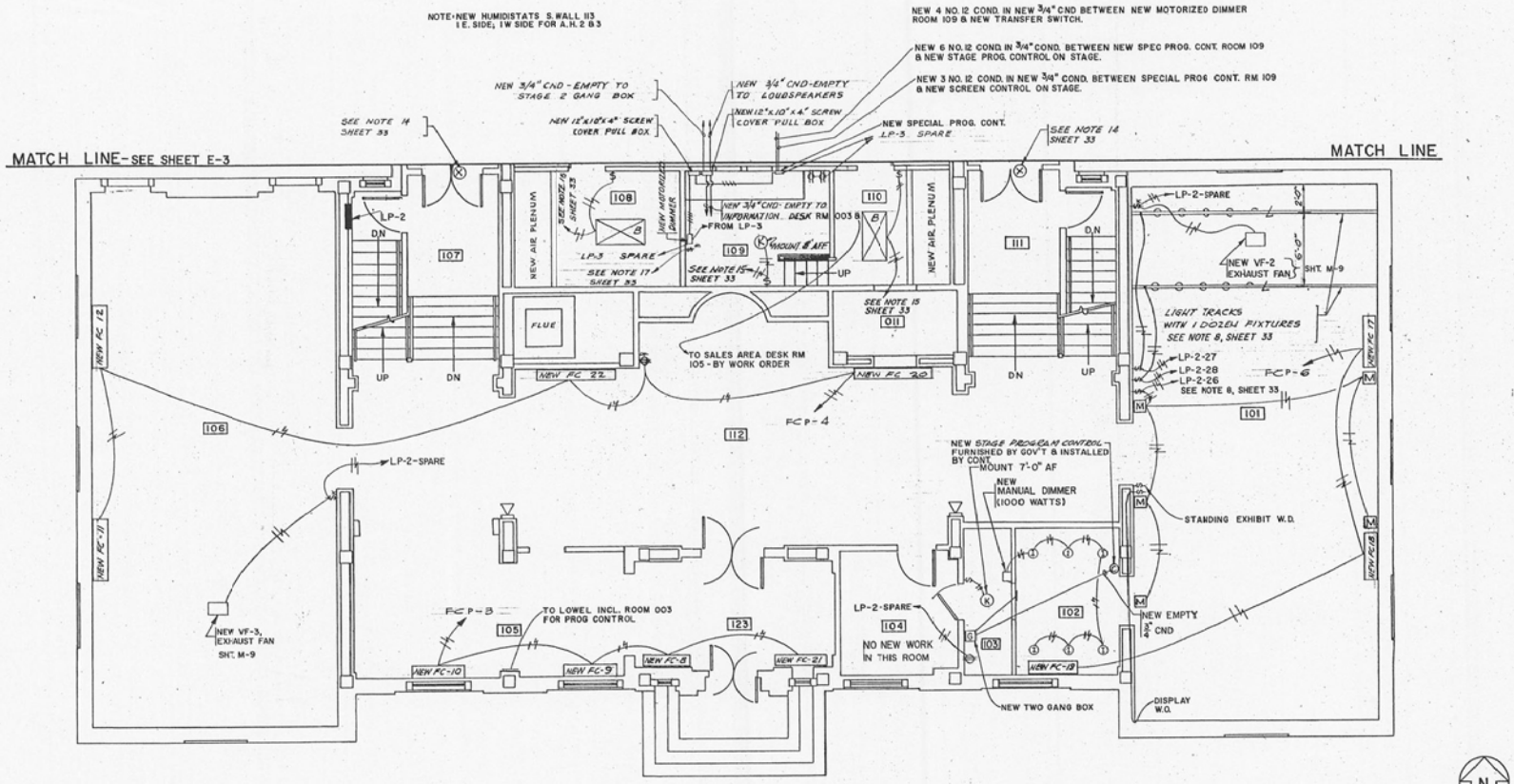
NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)

PREPARED: H.H.R. (DESIGNED) V.S. (DRAWN) H.H.R. (CHECKED) SEPT 74 (DATE)

DRAWING NO. 337 / 41,007B

FOC 107 SHEET E-3

35 OF 47



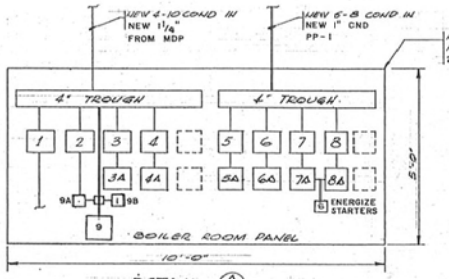
PARTIAL FIRST FLOOR PLAN (SOUTH SIDE)

SCALE: 1/4" = 1'-0"

GRAPHIC SCALE: 1/4" = 1'-0" 0 1 2 3 4 8 12 16 FEET

NOTE: THAT THE EXISTING BRANCH CIRCUIT WHICH FEED THE EXISTING LIGHTING FIXTURES IN ROOM 102. USED TO FEED THE 6 NEW LIGHTING FIXTURES IN ROOM 102.

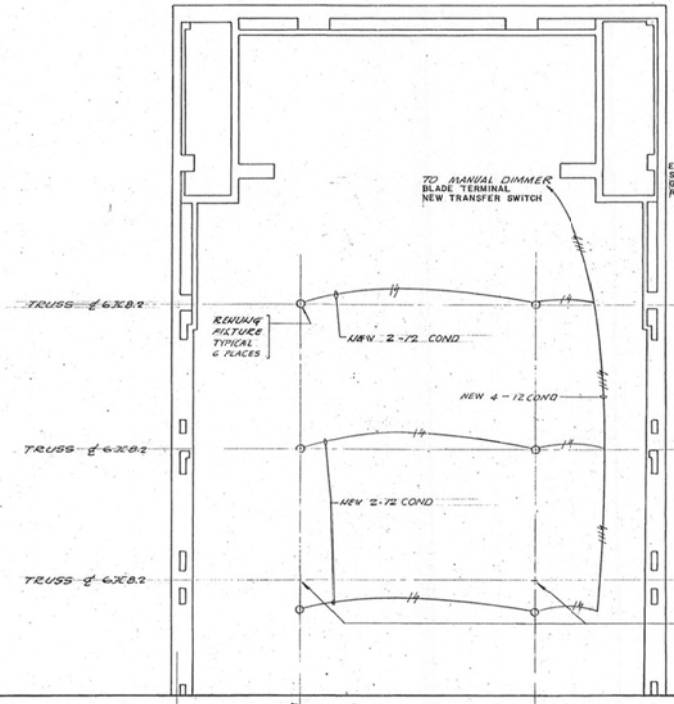
A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	ELEC, MUSEUM LTG, 1ST FL., S REMODELING OF THE MUSEUM AND FORD MANSION NORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	PREPARED H.H.R (DESIGNED) (DRAWN) H.H.R (CHECKED) Sept 76 (DATE)	DRAWING NO. 337 41,007B PKG 107 SHEET E-4 36 OF 47



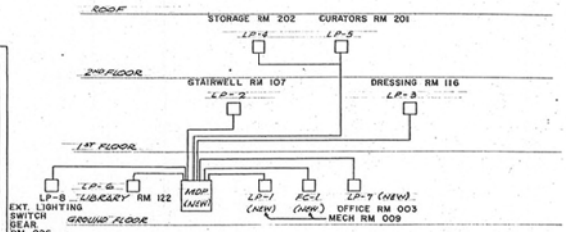
DETAIL A E-5
NO SCALE

LEGEND: BOILER ROOM PANEL

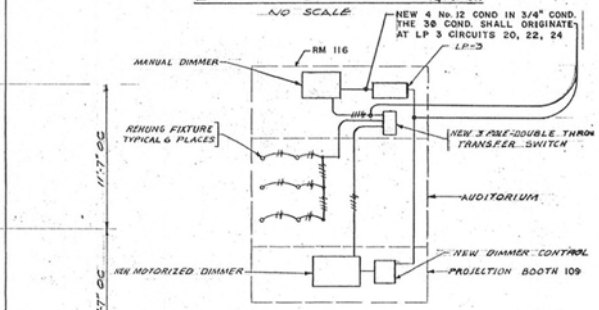
ITEM NO.	DESCRIPTION	SERVICE
1	SAFETY SW, HEAVY DUTY, NEMA 1, FUSED, 2 POLE, 120V, 30 AMP	NO. 1 BOILER
2	DO	NO. 2 BOILER
3	SAFETY SW, HEAVY DUTY, NEMA 1 FUSED, 2 POLE, 120V, 30 AMP	DOMESTIC HOT WATER PUMP
3A	MANUAL STARTER OVERLOAD PROTECTION	DO
4	SAME AS 3	DO
4A	SAME AS 3A	DO
5	SAFETY SW, HEAVY DUTY, 3 POLE FUSED, 480V, 30 AMP, NEMA 1	HW CIRCULATING PUMP NO. 1
5A	MAGNETIC STARTER, 480V, 3 ϕ, OVERLOAD PROTECTION, START-STOP IN COVER	DO
6	SAME AS 5	HW CIRC. PUMP NO. 2
6A	SAME AS 5A	DO
7	SAME AS 5	CW PUMP NO. 1
7A	SAME AS 6A	CW PUMP NO. 1
8	SAME AS 5	CW PUMP NO. 2
8A	SAME AS 5A	CW PUMP NO. 2
9	SAFETY SWITCH 30a F	FUEL OIL PUMP
9A	MANUAL STARTER	"
9B	" " "	"



PARTIAL SECOND FLOOR PLAN (NORTH SIDE)
SCALE: 1/4" = 1'-0"



LIGHT PANEL RISER DIAGRAM
NO SCALE



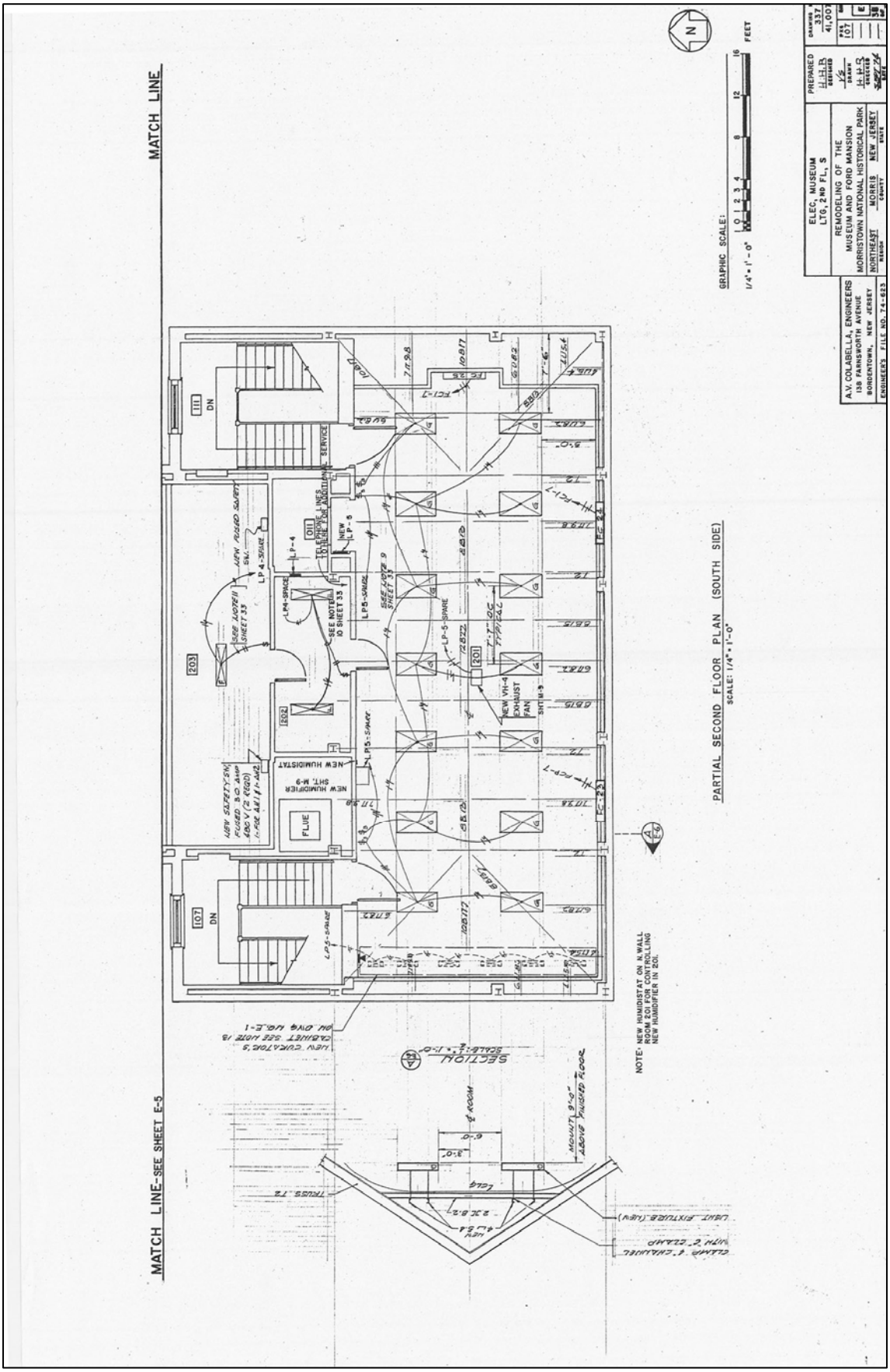
LIGHTING DIMMER SYSTEM SCHEMATIC
NO SCALE

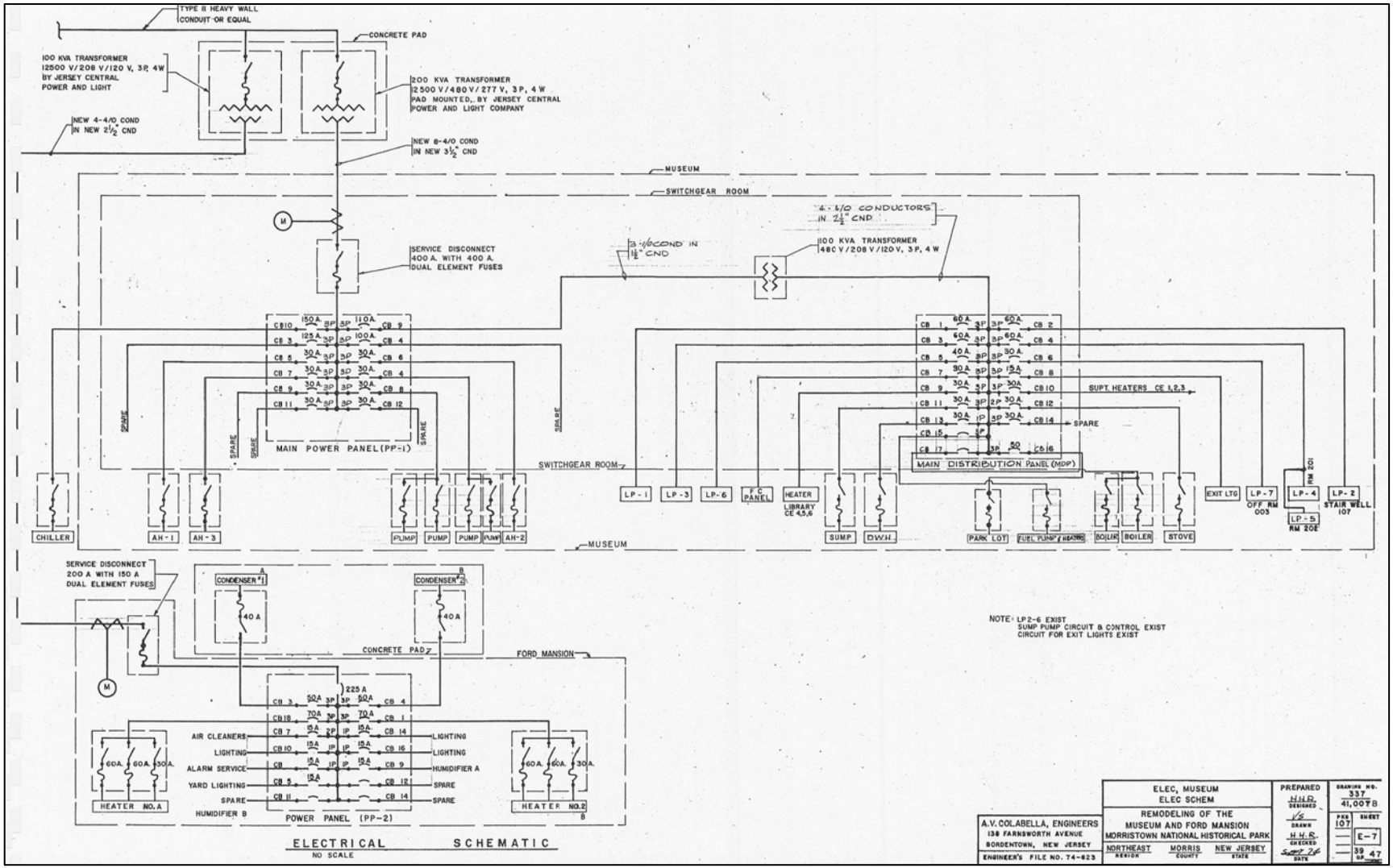
NOTES
1. ALL REHUNG FIXTURES —— AT SAME HEIGHT ABOVE FINISHED FLOOR AS AT START OF PROJECT.
2. TRANSFER SWITCH HAS 3Ø LOAD BALANCED.
3. ——— NEW JCT BOXES IN FEEDERS TO LP-2, 3, 4, 5 & 6
PORTION OF FEED ON SUPPLY SIDE OF JET BOX ——→ NEW.

N

GRAPHIC SCALE:
1/4" = 1'-0" 1 0 1 2 3 4 8 12 16 FEET

A.V. COLABELLA, ENGINEERS 130 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	ELEC, MUSEUM LTG, 2ND FL, N REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)	PREPARED N.H.R. (DESIGNED) VG (DRAWN) N.H.R. (CHECKED) SEPT 74 (DATE)	DRAWING NO. 337 41,007B FOLD 107 SHEET E-5 37 OF 47


MATCH LINE
MATCH LINE-SEE SHEET E-5
PARTIAL SECOND FLOOR PLAN (SOUTH SIDE)
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE:
1/4" = 1'-0"
FEET
NOTE: NEW HUMIDISTAT ON N. WALL ROOM 201 FOR CONTROLLING NEW HUMIDIFIER IN 201.
SECTION
SCALE: 1/2" = 1'-0"
NEW HUMIDIFIER SHT. M-9
NEW HUMIDISTAT
NEW VH-4 EXHAUST FAN SHT. M-9
NEW FUSED SWITCH
NEW SAFETY SW. FUSED 30 AMP 480 V (2 REQD) 1-FOR AHU 1-AHU 2
FLUE
SERVICE
TELEPHONE LINES TO BE PROVIDED BY INSTALLING CONTRACTOR
NEW LP-5
LP-5-SPARE
LP-4-SPARE
SEE NOTE 9 ON SHEET 33
SEE NOTE 11 SHEET 33
SEE NOTE 9 SHEET 33
SEE NOTE 9 SHEET 33
203
202
201
107
111
DN
ELEC. MUSEUM
LTG. 2ND FL. S
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST
MORRIS
NEW JERSEY
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
PREPARED
DRAWN
CHECKED
DATE
DRAWING
41,003
E
30


TYPE II HEAVY WALL CONDUIT OR EQUAL
CONCRETE PAD
100 KVA TRANSFORMER 12500 V/208 V/120 V, 3P, 4W BY JERSEY CENTRAL POWER AND LIGHT
200 KVA TRANSFORMER 12500 V/480 V/277 V, 3P, 4 W PAD MOUNTED, BY JERSEY CENTRAL POWER AND LIGHT COMPANY
NEW 4-4/0 COND IN NEW 2½" CND
NEW 8-4/0 COND IN NEW 3½" CND
MUSEUM
SWITCHGEAR ROOM
4-4/0 CONDUCTORS IN 2½" CND
3-4/0 COND IN 1½" CND
100 KVA TRANSFORMER 480 V/208 V/120 V, 3P, 4 W
SERVICE DISCONNECT 400 A. WITH 400 A. DUAL ELEMENT FUSES
MAIN POWER PANEL (PP-1)
MAIN DISTRIBUTION PANEL (MDP)
SUPT HEATERS CE 1,2,3
SPARE
SWITCHGEAR ROOM
CHILLER
AH-1
AH-3
PUMP
PUMP
PUMP
PUMP
AH-2
LP-1
LP-3
LP-6
F.C. PANEL
HEATER LIBRARY CE 4,5,6
SUMP
D.W.H.
PARK LOT
FUEL PUMP & HEATING
BOILER
BOILER
STOVE
EXIT LTG
LP-7 OFF RM 003
LP-4
LP-5 RM 202
LP-2 STAIR WELL 107
RM 201
MUSEUM
SERVICE DISCONNECT 200 A WITH 150 A DUAL ELEMENT FUSES
CONDENSER #1
CONDENSER #2
40 A
40 A
CONCRETE PAD
FORD MANSION
225 A
AIR CLEANERS
LIGHTING
ALARM SERVICE
YARD LIGHTING
SPARE
HUMIDIFIER B
LIGHTING
LIGHTING
HUMIDIFIER A
SPARE
SPARE
HEATER NO. A
HEATER NO. 2
POWER PANEL (PP-2)
ELECTRICAL SCHEMATIC
NO SCALE
NOTE: LP2-6 EXIST
SUMP PUMP CIRCUIT & CONTROL EXIST
CIRCUIT FOR EXIT LIGHTS EXIST
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
ELEC, MUSEUM
ELEC SCHEM
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED H.H.D.
DRAWN H.H.R.
CHECKED
DATE
DRAWING NO. 337 41,007B
PROJ 107
SHEET E-7
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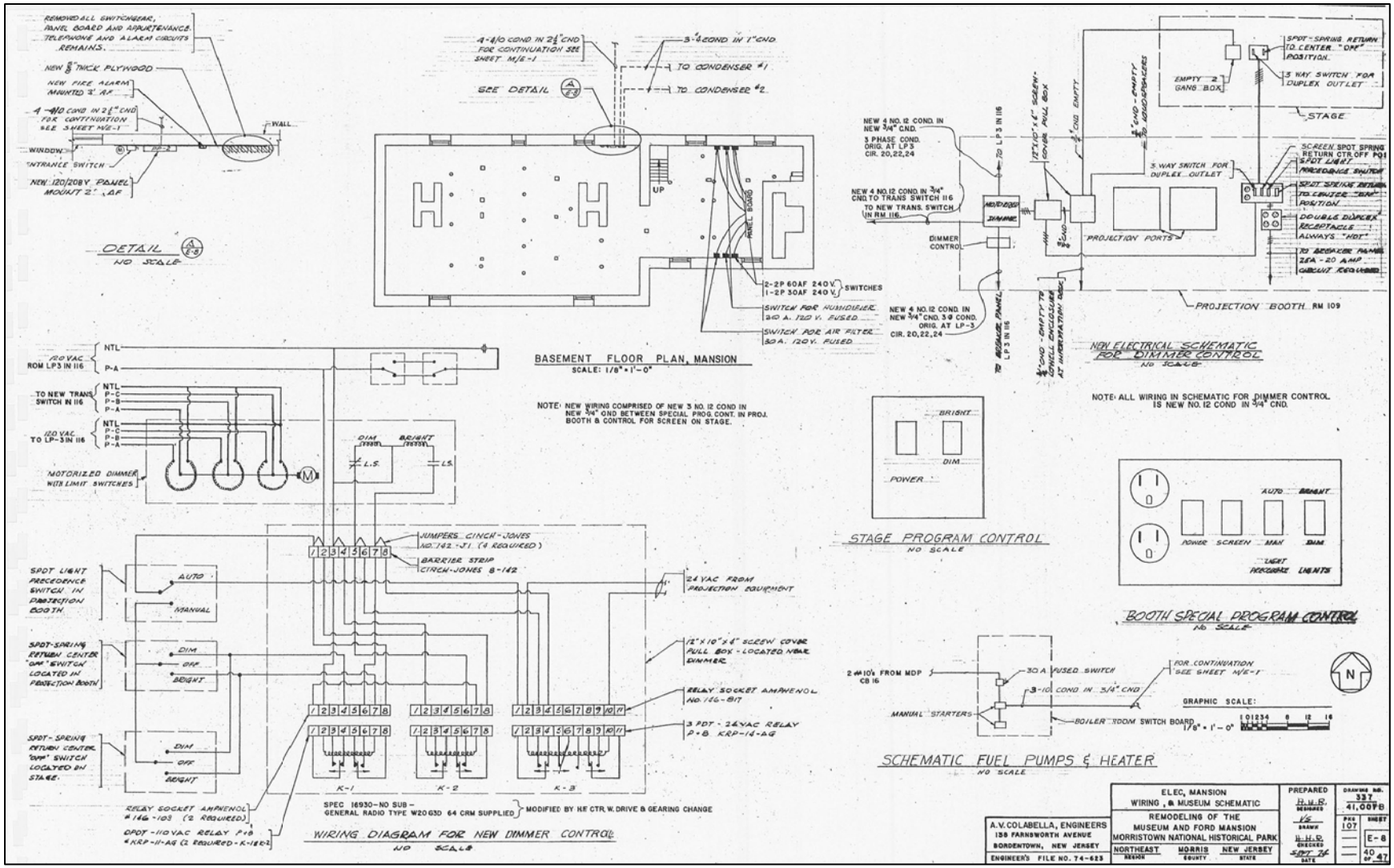
REMOVED ALL SWITCHGEAR, PANEL BOARD AND APPURTENANCES. TELEPHONE AND ALARM CIRCUITS REMAINS.
NEW 3/8" THICK PLYWOOD
NEW FIRE ALARM MOUNTED 3' A.F.
4-4/0 COND IN 2 1/2" CND FOR CONTINUATION SEE SHEET M/E-1
WALL
WINDOW
ENTRANCE SWITCH
NEW 120/208V PANEL MOUNT 2' A.F.
DETAIL
NO SCALE
4-4/0 COND IN 2 1/2" CND FOR CONTINUATION SEE SHEET M/E-1
3-4 COND IN 1" CND.
TO CONDENSER #1
TO CONDENSER #2
SEE DETAIL
UP
PANEL BOARD
2-2P 60AF 240V. SWITCHES
1-2P 30AF 240V.
SWITCH FOR HUMIDIFIER 20 A. 120 V. FUSED
SWITCH FOR AIR FILTER 30 A. 120V. FUSED
BASEMENT FLOOR PLAN, MANSION
SCALE: 1/8" = 1'-0"
NOTE: NEW WIRING COMPRISED OF NEW 3 NO. 12 COND IN NEW 3/4" CND BETWEEN SPECIAL PROG. CONT. IN PROJ. BOOTH & CONTROL FOR SCREEN ON STAGE.
NEW 4 NO. 12 COND. IN NEW 3/4" CND.
3 PHASE COND. ORIG. AT LP 3 CIR. 20,22,24
TO LP 3 IN 116
NEW 4 NO. 12 COND. IN 3/4" CND. TO TRANS SWITCH 116 TO NEW TRANS. SWITCH IN RM. 116.
MOTORIZED DIMMER
DIMMER CONTROL
12"X10"X4" SCREW COVER PULL BOX
3/4" CND - EMPTY
3/4" CND - EMPTY TO ADJACENT RECEPTACLES
EMPTY 2 GANG BOX
SPOT-SPRING RETURN TO CENTER "OFF" POSITION.
3 WAY SWITCH FOR DUPLEX OUTLET
STAGE
3 WAY SWITCH FOR DUPLEX OUTLET
SCREEN SPOT SPRING RETURN CTR. OFF POS SPOT LIGHT PRECEDENCE SWITCH
SPOT SPRING RETURN TO CENTER "OFF" POSITION
DOUBLE DUPLEX RECEPTACLE ALWAYS "HOT"
TO BREAKER PANEL 25A - 20 AMP CIRCUIT REQUIRED
PROJECTION BOOTH RM 109
NEW 4 NO. 12 COND. IN NEW 3/4" CND. 3 Ø COND. ORIG. AT LP-3 CIR. 20,22,24
TO BREAKER PANEL LP 3 IN 116
3/4" COND - EMPTY TO SPOTLIGHT ENCLOSURE AT INTERMITTANT DISC.
NEW ELECTRICAL SCHEMATIC FOR DIMMER CONTROL
NO SCALE
NOTE: ALL WIRING IN SCHEMATIC FOR DIMMER CONTROL IS NEW NO. 12 COND IN 3/4" CND.
120 VAC FROM LP3 IN 116
NTL
P-A
TO NEW TRANS SWITCH IN 116
NTL
P-C
P-B
P-A
120 VAC TO LP-3 IN 116
NTL
P-C
P-B
P-A
MOTORIZED DIMMER WITH LIMIT SWITCHES
DIM
BRIGHT
L.S.
L.S.
BRIGHT
DIM
POWER
STAGE PROGRAM CONTROL
NO SCALE
AUTO
BRIGHT
POWER
SCREEN
MAN
DIM
LIGHT PRECEDENCE LIGHTS
BOOTH SPECIAL PROGRAM CONTROL
NO SCALE
JUMPERS CINCH-JONES NO. 142-J1 (4 REQUIRED)
BARRIER STRIP CINCH-JONES B-142
SPOT LIGHT PRECEDENCE SWITCH IN PROJECTION BOOTH
AUTO
MANUAL
SPOT-SPRING RETURN CENTER "OFF" SWITCH LOCATED IN PROJECTION BOOTH
DIM
OFF
BRIGHT
SPOT-SPRING RETURN CENTER "OFF" SWITCH LOCATED ON STAGE.
DIM
OFF
BRIGHT
24 VAC FROM PROJECTION EQUIPMENT
12"X10"X4" SCREW COVER PULL BOX - LOCATED NEAR DIMMER
RELAY SOCKET AMPHENOL NO. 166-811
3 PDT - 24VAC RELAY P+B KRP-14-AG
K-1
K-2
K-3
RELAY SOCKET AMPHENOL #166-103 (2 REQUIRED)
DPDT - 110 VAC RELAY P+B #KRP-11-AG (2 REQUIRED - K-1&2)
SPEC 16930-NO SUB - GENERAL RADIO TYPE W20G3D 64 CRM SUPPLIED
MODIFIED BY HF CTR. W. DRIVE & GEARING CHANGE
WIRING DIAGRAM FOR NEW DIMMER CONTROL
NO SCALE
2 #10's FROM MDP CB 16
30 A FUSED SWITCH
3-10 COND IN 3/4" CND
FOR CONTINUATION SEE SHEET M/E-1
MANUAL STARTERS
BOILER ROOM SWITCH BOARD
GRAPHIC SCALE:
1/8" = 1'-0"
SCHEMATIC FUEL PUMPS & HEATER
NO SCALE
A.V. COLABELLA, ENGINEERS
158 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-625
ELEC, MANSION
WIRING, & MUSEUM SCHEMATIC
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED H.W.B. DESIGNED
V.S. DRAWN
H.W.B. CHECKED
SEPT 76 DATE
DRAWING NO. 537 41,007B
PKG 107
SHEET E-8
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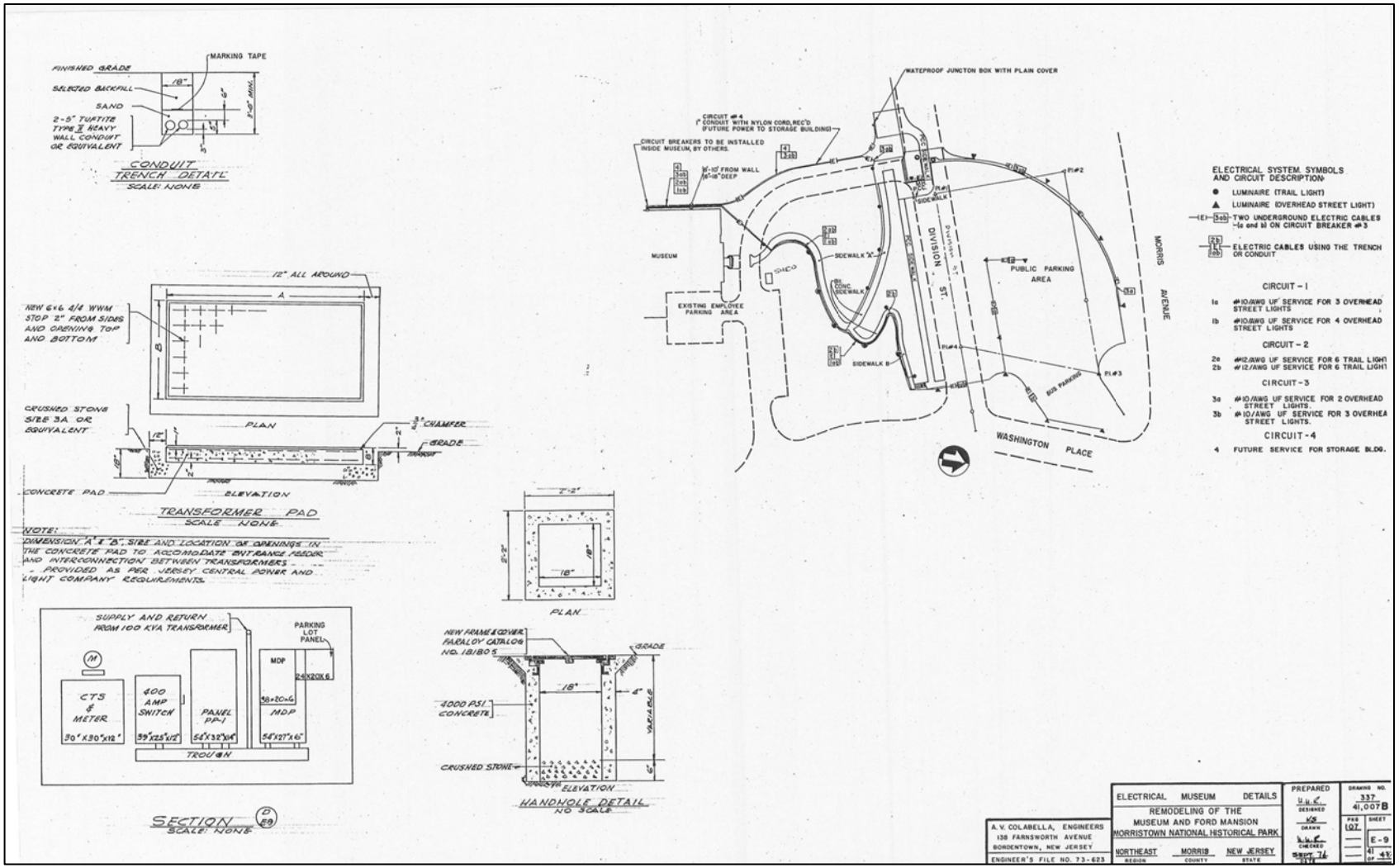
MARKING TAPE
FINISHED GRADE
SELECTED BACKFILL
SAND
2-5" TUFTITE TYPE II HEAVY WALL CONDUIT OR EQUIVALENT
CONDUIT TRENCH DETAIL
SCALE: NONE
12" ALL AROUND
NEW 6x6 4/4 WWM STOP 2" FROM SIDES AND OPENING TOP AND BOTTOM
CRUSHED STONE SIZE 3A OR EQUIVALENT
PLAN
3/4" CHAMFER
GRADE
CONCRETE PAD
ELEVATION
TRANSFORMER PAD
SCALE NONE
NOTE:
DIMENSION "A" & "B", SIZE AND LOCATION OF OPENINGS IN THE CONCRETE PAD TO ACCOMODATE ENTRANCE FEEDER AND INTERCONNECTION BETWEEN TRANSFORMERS - PROVIDED AS PER JERSEY CENTRAL POWER AND LIGHT COMPANY REQUIREMENTS.
SUPPLY AND RETURN FROM 100 KVA TRANSFORMER
PARKING LOT PANEL
CTS & METER
400 AMP SWITCH
PANEL PP-1
MDP
TROUGH
SECTION
SCALE: NONE
NEW FRAME & COVER FAREALOY CATALOG NO. 181805
GRADE
4000 PSI CONCRETE
CRUSHED STONE
ELEVATION
HANDHOLE DETAIL
NO SCALE
WATERPROOF JUNCTION BOX WITH PLAIN COVER
CIRCUIT #4 (1" CONDUIT WITH NYLON CORD, REC'D. (FUTURE POWER TO STORAGE BUILDING)
CIRCUIT BREAKERS TO BE INSTALLED INSIDE MUSEUM, BY OTHERS.
MUSEUM
EXISTING EMPLOYEE PARKING AREA
SIDEWALK "A"
SIDEWALK B
DIVISION ST.
PUBLIC PARKING AREA
BUS PARKING
WASHINGTON PLACE
MORRIS AVENUE
ELECTRICAL SYSTEM SYMBOLS AND CIRCUIT DESCRIPTION
LUMINAIRE (TRAIL LIGHT)
LUMINAIRE (OVERHEAD STREET LIGHT)
TWO UNDERGROUND ELECTRIC CABLES -1a and b ON CIRCUIT BREAKER #3
ELECTRIC CABLES USING THE TRENCH OR CONDUIT
CIRCUIT - 1
1a #10/AWG UF SERVICE FOR 3 OVERHEAD STREET LIGHTS
1b #10/AWG UF SERVICE FOR 4 OVERHEAD STREET LIGHTS
CIRCUIT - 2
2a #12/AWG UF SERVICE FOR 6 TRAIL LIGHT
2b #12/AWG UF SERVICE FOR 6 TRAIL LIGHT
CIRCUIT - 3
3a #10/AWG UF SERVICE FOR 2 OVERHEAD STREET LIGHTS.
3b #10/AWG UF SERVICE FOR 3 OVERHEA STREET LIGHTS.
CIRCUIT - 4
4 FUTURE SERVICE FOR STORAGE BLDG.
A. V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 73-623
ELECTRICAL MUSEUM DETAILS
REMODELING OF THE MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST REGION
MORRIS COUNTY
NEW JERSEY STATE
PREPARED
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SEPT. 76 DATE
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MAIN POWER PANEL (PP-1) — 480 V MAIN LUGS ONLY
CB's HAS MINIMUM — 400 A MAIN GROUND LUGS
OF 14,000 A INTERRUPTING — 3 PHASE NEMA 1 ENCLOSURE
CAPACITY SYMMETRICAL AT 480V — 4 WIRE SURFACE MOUNTED

SYM	DESCRIPTION	CKT BREAKER NO. POLES	CKT BREAKER FRAME AMP	CKT BREAKER TRIP AMP	BRANCH FEEDER NO. OF COND	BRANCH FEEDER SIZE OF COND	BRANCH FEEDER SIZE OF GND	LOAD (AMPERES) A	B	C
CB-10	CHILLER		225	150	3	2/0	2	125	125	125
CB-9	208V TRANSFORMER			110	3	1/0	1½	30	30	30
CB-1	SPARE									
CB-2	SPARE		225							
CB-5	AH-1		100	30	3	8	1	5	5	5
CB-6	AH-2							5	5	5
CB-7	AH-3							5	5	5
CB-4	HW CIRC PUMPS		100	30	3	8	1	4	4	4
CB-3	SPARE									
CB-8	CHW CIRC PUMPS		100	30	3	8	1	4	4	4
CB-11	SPARE									
CB-12	SPARE									
						TOTAL		238	238	238
						70% DEMAND		167	167	167

FAN COIL PANEL (FC-P) — 120/208 V MAIN BREAKER
CB's HAS - MINIMUM — 100 A MAIN GROUND LUGS
OF 10,000 A INTERRUPTING — 3 PHASE NEMA 1 ENCLOSURE
CAPACITY SYMMETRICAL AT 240V — 4 WIRE SURFACE MOUNTED

SYM	DESCRIPTION	CKT BREAKER NO. POLES	CKT BREAKER FRAME AMP	CKT BREAKER TRIP AMP	BRANCH FEEDER NO. OF COND	BRANCH FEEDER SIZE OF COND	BRANCH FEEDER SIZE OF GND	LOAD (AMPERES) A	B	C
MCB	MAIN BREAKER	3	100	50	4	4	1/4	16	8	3
CB-8	FC NO. 1, 2, 3, 4	1		15	2	12	1/2	5		
CB-3	FC NO. 5, 6								5	
CB-3	FC NO. 8, 9, 10, 11									4
CB-8	FC NO. 11, 12, 20, 22 & 7							8		
CB-7	FC NO. 13, 14, 15, 16								3	
CB-6	FC NO. 17, 18, & 19									5
CB-4	FC NO. 23, 24, & 25		100	15	2	12	1/2	5		
CB-8	SPARE									
CB-9										
CB-10										
CB-11	ATTIC FANS									
CB-12	" "	1								
13-16	SPARE					TOTAL		16	8	9

MAIN DISTRIBUTION PANEL — 240 V MAIN LUGS ONLY
CIRCUIT BREAKER HAS - MIN. — 225 A MAIN GROUND LUGS
OF 10,000 A INTERRUPTING — 3 PHASE NEMA 1 ENCLOSURE
CAPACITY, SYMMETRICAL AT 240/208/120V — 4 WIRE SURFACE MOUNTED

SYM	DESCRIPTION	CKT BREAKER NO. POLES	CKT BREAKER FRAME AMP	CKT BREAKER TRIP AMP	BRANCH FEEDER NO. OF COND	BRANCH FEEDER SIZE OF COND	BRANCH FEEDER SIZE OF GND	LOAD (AMPERES) A	B	C
CB-1	LP-1 (NEW)			60	4	4	1/4	40	40	40
CB-2	LP-2 (EXIST.)			60		4	1/4	30	30	30
CB-3	LP-3 (EXIST.)			60		6	1			
CB-4	LP-4 & LP-5 (EXIST)			60		4				
CB-5	LP-6 (EXIST.)			40		6		30	30	30
CB-6	LP-7 (NEW)			30		6	1	20	20	20
CB-7	FC PANEL			30		8	1/2	12	20	12
CB-8	EXIT LIGHTS	1		15	4	10		8	8	8
CB-9	HEATER CE-1,-3 & -6	3		30	3	8	3/4	12	12	12
CB-12	STOVE	2		40	2	8		18	18	—
CB-11	SUMP PUMP (TWP)	3		30	3	10		4	4	4
CB-17	BOILERS	1			2	10		7		—
CB-13	HEATER - HOT WATER	1			2	10				10
CB-10	HEATER CE-1,-2 & -3	3	100	30	3	8	3/4	3	3	3
CB-16	PARK LOT PANEL	3		50	4					
CB-15	FUEL PUMP & HEATER	1	100	30	2	10	3/4			9
CB-14	SPARE							4		1
CB-18	SPARE									
						TOTAL		257	265	235
						70% DEMAND		180	186	165

LIGHTING PANEL (LP-1) — 120/208 V MAIN LUGS ONLY
CB's HAS - MINIMUM — 100 A MAIN GROUND LUGS
OF 10,000 A INTERRUPTING — 3 PHASE NEMA 1 ENCLOSURE
CAPACITY SYMMETRICAL AT 240V — 4 WIRE SURFACE MOUNTED

SYM	DESCRIPTION	CKT BREAKER NO. POLES	CKT BREAKER FRAME AMP	CKT BREAKER TRIP AMP	BRANCH FEEDER NO. OF COND	BRANCH FEEDER SIZE OF COND	BRANCH FEEDER SIZE OF GND	LOAD (AMPERES) A	B	C
CB-1	TOILET (EMPLOYEE)	1	15	15	2	12	1/2	6		
CB-2	CORRID & LOBBY								5	
CB-3	STAIRS (EAST)									3
CB-17	STAIRS (WEST)							3		
CB-12	CORRIDOR & LUNCH RM.								8	
CB-20	TOILET (VISITORS)									9
CB-7	SPARE							3		
CB-4	LMNTS (FAN RM)								3	
CB-9	BOILER ROOM									3
CB-10	RECEP (LUNCH RM)							12		
CB-8	RECEP (LUNCH RM)								6	
CB-18	RECEP (WOMEN CW)									12
CB-15	RECEP (EXHIBIT RM)							12		
CB-14	SUMP PUMP ALARM								2	
CB-16	RECEP (FAN RM)									12
CB-24	OFFICE LIGHTS	SUITE 5	EMPLOYEES BUSINESS					12		
CB-26	OFFICE RECEP.	SUITE 5							12	
CB-5	FIRE ALARM BAT.									3
CB-19	RECEP (BOILER RM)							12		
CB-27	ALARM SERVICE	INTRUSION							2	
CB-16	TOILET EXHAUST									6
CB-22	GROUND FL - EAST	SWITCH	CLEAN ROOM					6		
CB-23	RECEPTION ROOM	1	15	15	2	12	1/2		9	
CB-6	SPARE									
CB-25	ATC PANEL (HONEYWELL)									
CB-11	SPARE									
CB-21	SPARE									
CB-28	SPARE	MECH MECH RM. SECURITY ALARM								
29 & 30	SPARE					TOTAL		64	41	46
						70% DEMAND		45	29	32

LIGHTING PANEL (LP-7) — 208 V MAIN LUGS ONLY
CB's HAS - MINIMUM — 100 A MAIN GROUND LUGS
OF 10,000 A INTERRUPTING — 3 PHASE NEMA 1 ENCLOSURE
CAPACITY SYMMETRICAL AT 240V — 4 WIRE RECESS MOUNTED

SYM	DESCRIPTION	CKT BREAKER NO. POLES	CKT BREAKER FRAME AMP	CKT BREAKER TRIP AMP	BRANCH FEEDER NO. OF COND	BRANCH FEEDER SIZE OF COND	BRANCH FEEDER SIZE OF GND	LOAD (AMPERES) A	B	C
CB-1	EXHIBIT ENTRANCE	1	15	15	2	12	1/2	5		
CB-2	EAST AISLE								7	
CB-3	OFFICE LIGHTS									6
CB-4	OFFICE RECEP.							12		
CB-5	MURAL (LARGE)								5	
CB-6	MURAL (LARGE)									5
CB-7	CEILING DIORAMA							6		
CB-8	RECEP DIORAMA								10	
CB-9	CASE									6
CB-10	MURAL (SOUTH)	1	15	15	2	12	1/2	4		
CB-11	SPARE									
CB-12										
CB-13										
CB-14										
CB-15										
CB-16	SPARE									
						TOTAL		25	22	17
						70% DEMAND		18	15	12

POWER PANEL (PP-2) — 120/208 V MAIN BREAKER
CB's HAS MINIMUM — 225 A MAIN GROUND LUGS
OF 14,000 A INTERRUPTNG — 3 PHASE, NEMA 1 ENCLOSURE
CAPACITY SYMMETRICAL AT 240 V — 4 WIRE SURFACE MOUNTED

SYM	DESCRIPTION	CIRCUIT BREAKER NO. OF POLES	CIRCUIT BREAKER FRAME A	CIRCUIT BREAKER TRIP A	BRANCH FEEDER NO. OF COND	BRANCH FEEDER SIZE OF COND	BRANCH FEEDER SIZE OF GND	LOAD (AMPERES) A	B	C
CB-M	MAIN BREAKER	3	225	225	3	4/0	2½	200	200	200
CB-3	CONDENSER "A"		100	50		8	1	30	30	30
CB-4	CONDENSER "B"			50		8		30	30	30
CB-18	HEATER & FAN "A"			80		4		25	50	50
CB-1	HEATER & FAN "B"	3	100	80	3	4	1	50	50	15
CB-7	AIR CLEANERS	2	100	15	2	8	3/4	2	2	—
CB-10	LIGHTING	1	15	15		12	1/2	5	—	—
CB-14	LIGHTING							—	5	—
CB-16	LIGHTING							—	—	5
CB-	ALARM SERVICE							2	—	—
CB-9	HUMIDIFIER A							—	2	—
CB-5	YARD LIGHTING	1	15	15	2	12	1/2	—	—	5
CB-11	HUMIDIFIER B									
CB-2	SPARE									
CB-6										
CB-8										
CB-12										
13-15-17						TOTAL		144	169	145
						70% DEMAND		101	118	101

NOTE: A - DOWNSTAIRS HVAC SYSTEM - AH 4
B - UPSTAIRS HVAC SYSTEM - AH 5

LIGHTING FIXTURE SCHEDULE
SPEC 16510

TYPE	DESCRIPTION	LAMPS	REMARKS	SUB
A	RECESSED TROFFER WITH 2 - 120 V BALLASTS	4 - F40 T 12	WHITE ENAMEL FINISH	20
B	RECESSED TROFFER WITH 2 - 120 V BALLASTS	3 - F40T12		"
C	RECESSED TROFFER WITH 1 - 120 V BALLAST	2 - F40T12		"
D	SURFACE MOUNTED, FLUORESCENT, WRAP AROUND REFLECTOR	4 - F40T12		"
E	SURFACE MOUNTED, FLUORESCENT, WRAP AROUND REFLECTOR	3 - F40T12		"
F	SURFACE MOUNTED, FLUORESCENT, WRAP AROUND REFLECTOR	2 - F40T12		"
G	SUSPENDED, FLUORESCENT TWIN STEM, PLASTIC LENS	4 - F40T12	WHITE ENAMEL FINISH	"
H	INCANDESCENT, RECESSED DOWN LIGHT 150 WATT	PAR-38 150WR40	SERVICE FROM BOTTOM	"
I	INCANDESCENT, RECESSED DOWN LIGHT 75 WATT	75WR40	SERVICE FROM BOTTOM	"
J	INCANDESCENT, WALL WASHER, RECESSED 150 WATT	150 WR 40	ADJUSTABLE SERVICE FROM BOTTOM	"
K	INCANDESCENT, PENDANT TYPE, OPAL LENS	75 - 100 W	MOUNTING HEIGHT AS INDICATED ON THE DWG	"
L	TRACK MOUNTED LIGHTS	75 W	DOWN LIGHTS SWIVEL	"
M	SPOTLIGHT WALL MOUNTED	150 W	DISPLAY SPOTLIGHT	20A
X	EXIT LIGHT	2 AC/2 DC LAMPS	EMERGENCY BATTERY AND CHARGER	20
Y	DROP LIGHTS FIXED STEM MECH & BOILER ROOM	1 - 150		

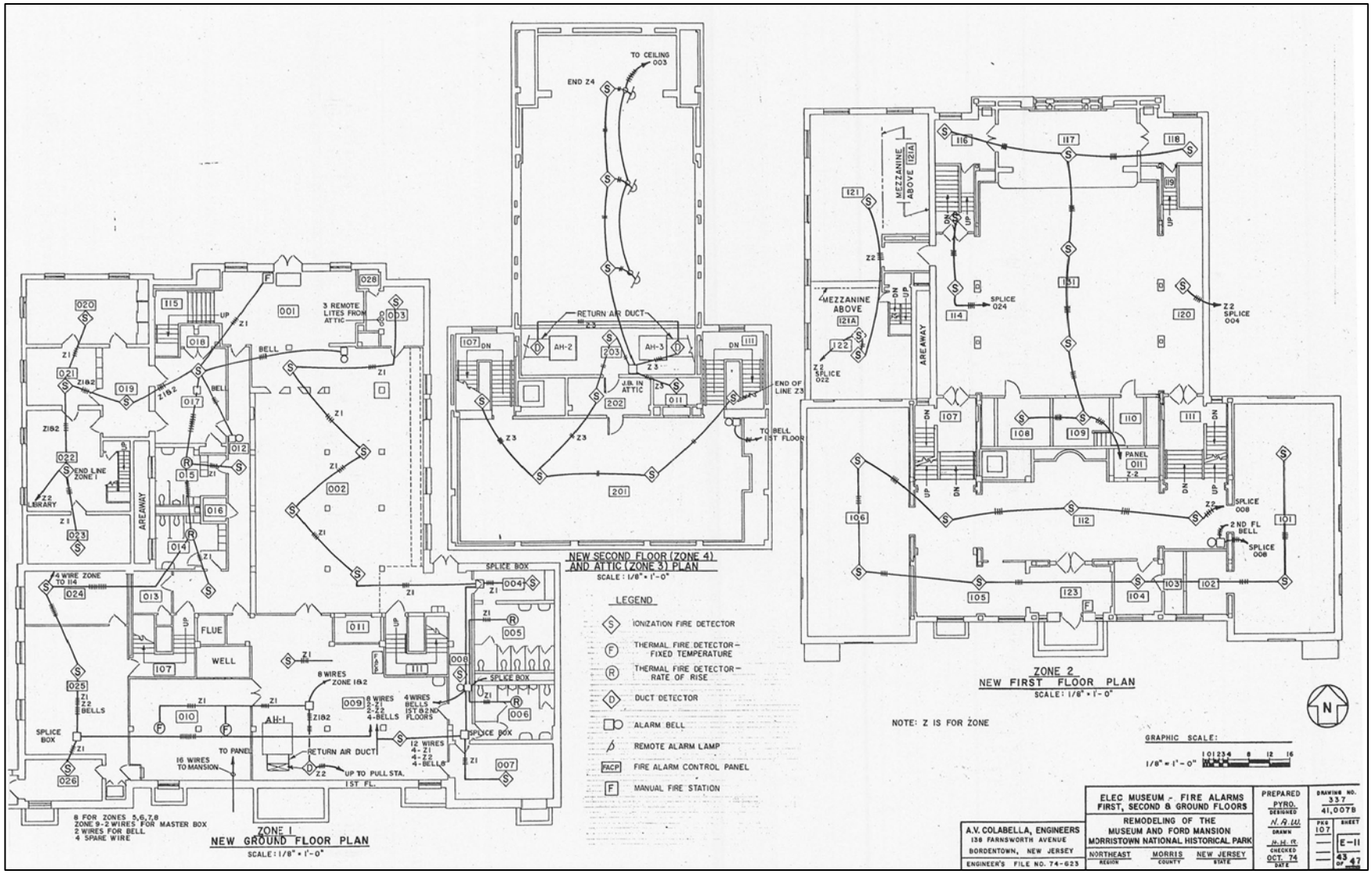
PARKING LOT PANEL
12 - 1P - 20A BREAKERS 120/208V 100A 3Ø 4 WIRE
1. PARKING LOT E
2. PARKING LOT W
3. TRAIL LIGHTS - 6
4. TRAIL LIGHTS
5. PARKING LOT
6. PARKING LOT

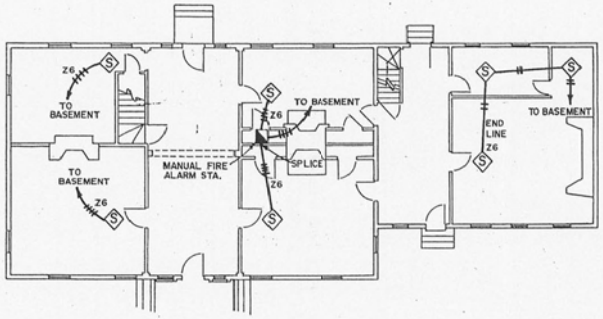
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623

ELEC, MUSEUM
PANEL SCHEDULES
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST (REGION) MORRIS (COUNTY) NEW JERSEY (STATE)

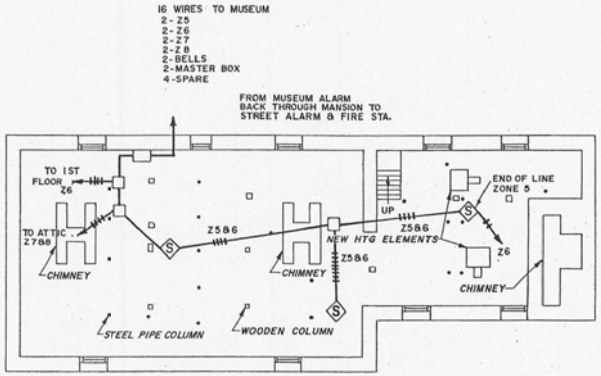
PREPARED: HHR (DESIGNED) — VR (DRAWN) — HHR (CHECKED) — SEPT 74 (DATE)

DRAWING NO. 337 41,007B
PKG 107
SHEET E-10 OF 42

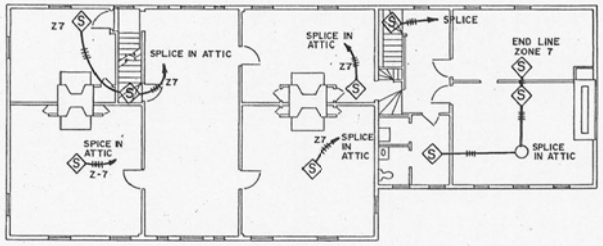

ZONE 1
NEW GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0"
NEW SECOND FLOOR (ZONE 4) AND ATTIC (ZONE 3) PLAN
SCALE: 1/8" = 1'-0"
ZONE 2
NEW FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"
LEGEND
IONIZATION FIRE DETECTOR
THERMAL FIRE DETECTOR – FIXED TEMPERATURE
THERMAL FIRE DETECTOR – RATE OF RISE
DUCT DETECTOR
ALARM BELL
REMOTE ALARM LAMP
FIRE ALARM CONTROL PANEL
MANUAL FIRE STATION
NOTE: Z IS FOR ZONE
GRAPHIC SCALE:
1/8" = 1'-0"
8 FOR ZONES 5,6,7,8
ZONE 9-2 WIRES FOR MASTER BOX
2 WIRES FOR BELL
4 SPARE WIRE
16 WIRES TO MANSION
TO PANEL
RETURN AIR DUCT
UP TO PULL STA.
1ST FL.
8 WIRES ZONE 1&2
12 WIRES
4-Z1
4-Z2
4-BELLS
SPLICE BOX
4 WIRE ZONE TO 114
3 REMOTE LITES FROM ATTIC
END LINE ZONE 1
LIBRARY
AREAWAY
FLUE
WELL
AH-1
AH-2
AH-3
1/8 IN ATTIC
TO CEILING 003
END Z4
END OF LINE Z3
TO BELL 1ST FLOOR
MEZZANINE ABOVE 121A
PANEL 011
SPLICE 024
Z2 SPLICE 004
Z3 SPLICE 022
SPLICE 008
2ND FL BELL
ELEC MUSEUM - FIRE ALARMS
FIRST, SECOND & GROUND FLOORS
REMODELING OF THE
MUSEUM AND FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
NORTHEAST
MORRIS
NEW JERSEY
A.V. COLABELLA, ENGINEERS
138 FARNSWORTH AVENUE
BORDENTOWN, NEW JERSEY
ENGINEER'S FILE NO. 74-623
PREPARED
PYRO.
DRAWN
N.H.R.
CHECKED
OCT. 74
DRAWING NO.
337
41,0078
PKG 107
SHEET E-11
43 OF 47



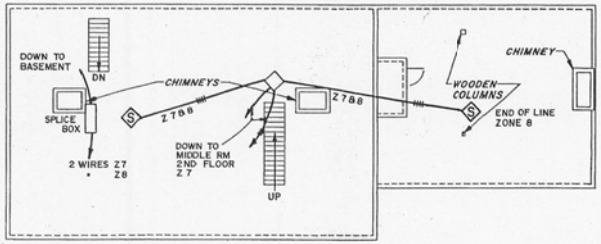
ZONE 6
FIRST FLOOR PLAN



ZONE 5
BASEMENT FLOOR PLAN



ZONE 7
SECOND FLOOR PLAN

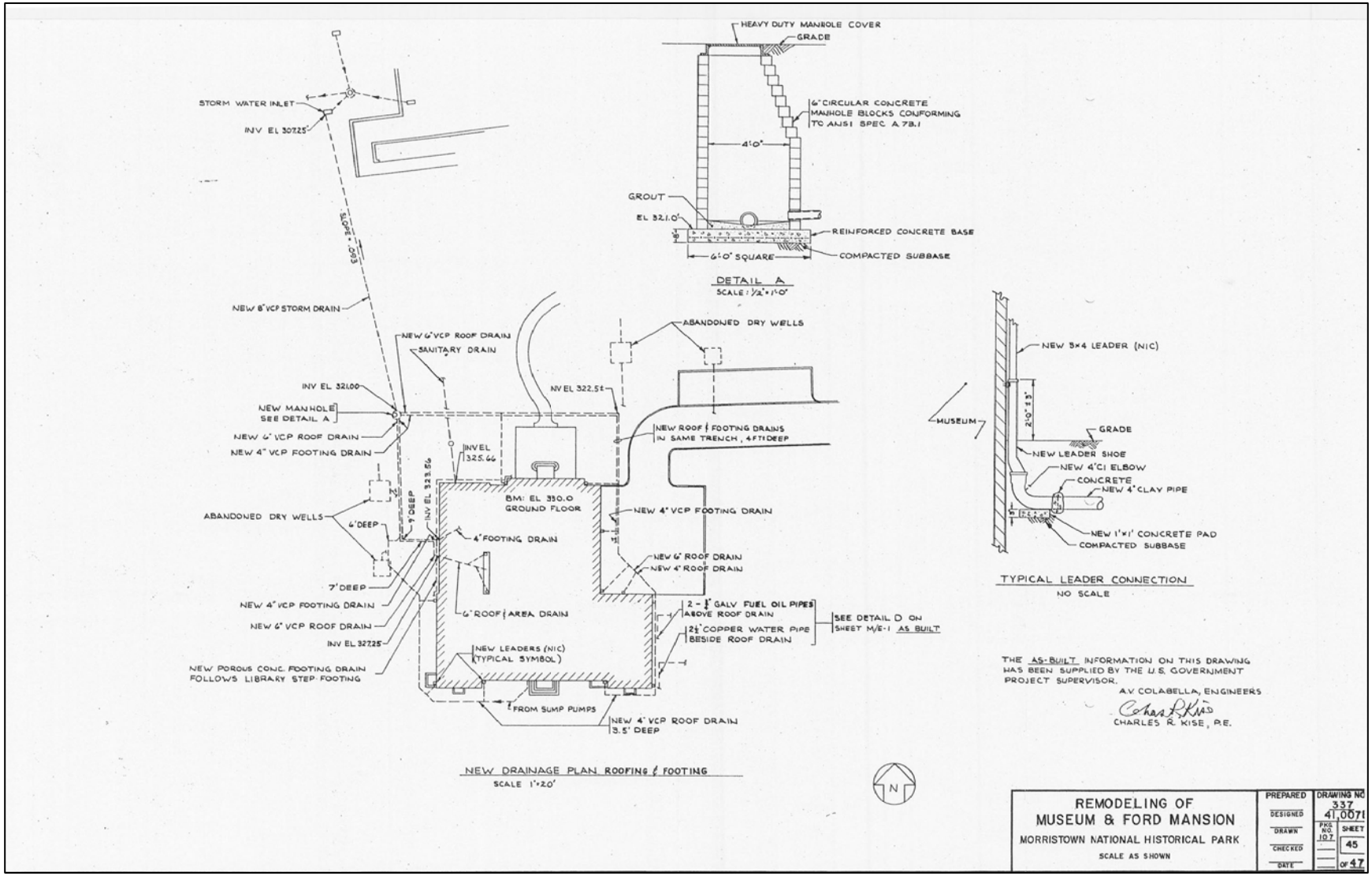


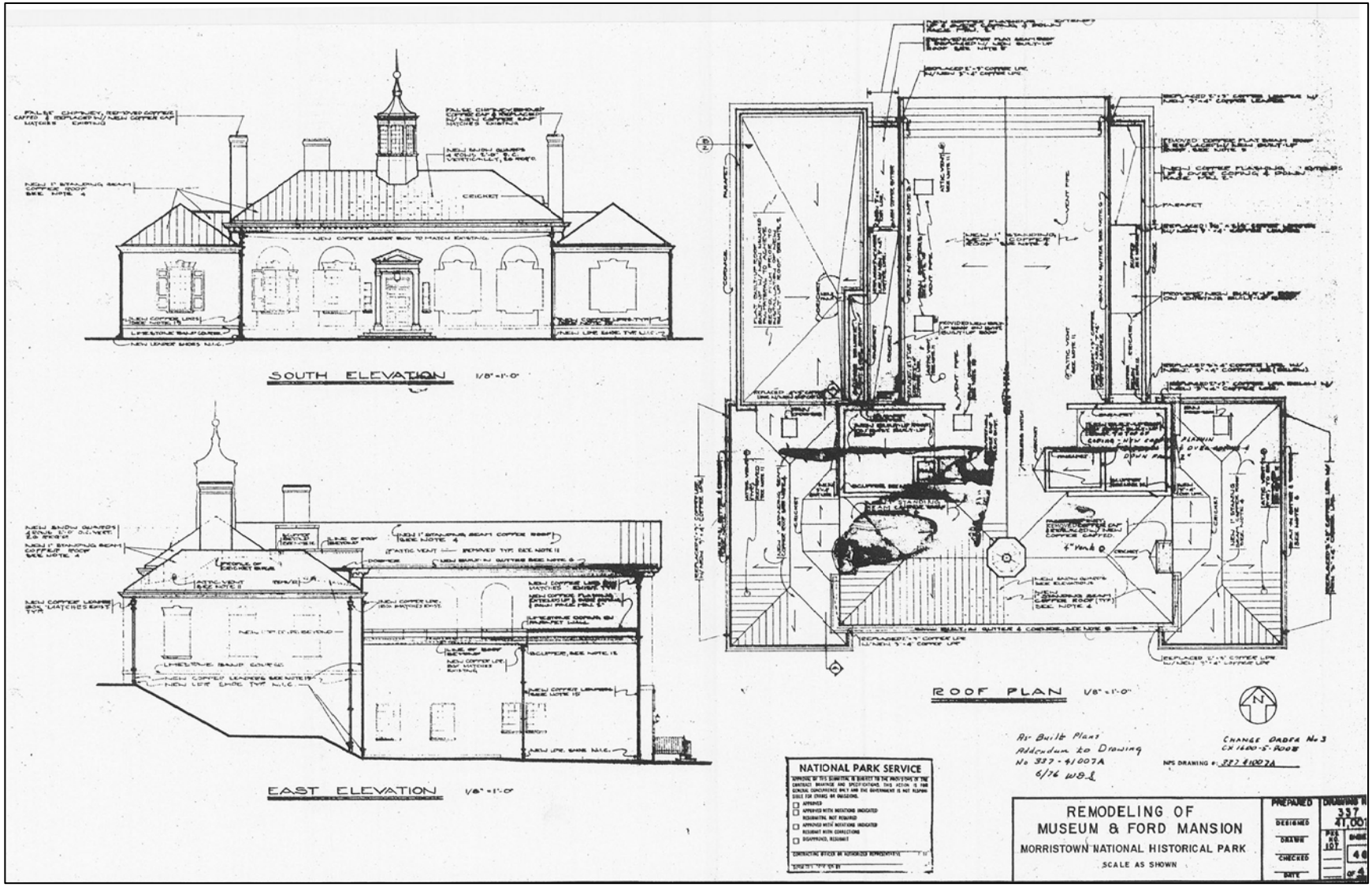
ZONE 8
ATTIC FLOOR PLAN

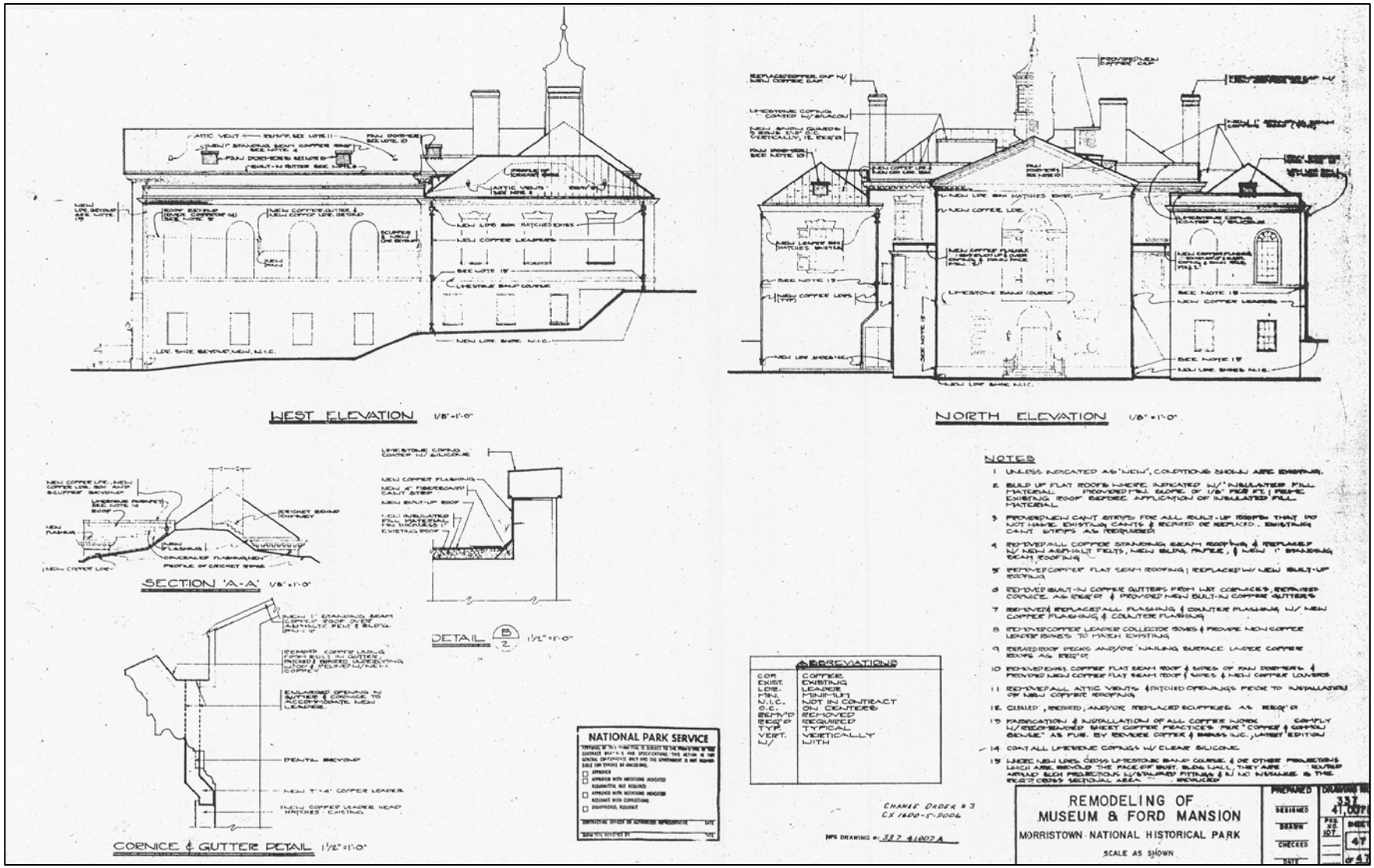
N

GRAPHIC SCALE:
1/8" = 1'-0" 1 0 1 2 3 4 8 12 16

A.V. COLABELLA, ENGINEERS 138 FARNSWORTH AVENUE BORDENTOWN, NEW JERSEY ENGINEER'S FILE NO. 74-623	ELEC MANSION - FIRE ALARMS 1ST, 2ND, FLOORS, BASEMENT, ATTIC REMODELING OF THE MUSEUM AND FORD MANSION MORRISTOWN NATIONAL HISTORICAL PARK NORTHEAST (REGION) · MORRIS (COUNTY) · NEW JERSEY (STATE)	PREPARED WS DESIGNED WS DRAWN HHM CHECKED SEPT 74 DATE	DRAWING NO. 337 41,0078 PKG 107 SHEET E-1 44 of 44


HEAVY DUTY MANHOLE COVER
GRADE
6" CIRCULAR CONCRETE MANHOLE BLOCKS CONFORMING TO ANSI SPEC. A 78.1
4'-0"
GROUT
EL 321.0'
REINFORCED CONCRETE BASE
6'-0" SQUARE
COMPACTED SUBBASE
DETAIL A
SCALE: 1/2" = 1'-0"
STORM WATER INLET
INV EL 307.25'
SLOPE = .093
NEW 8" VCP STORM DRAIN
NEW 6" VCP ROOF DRAIN
SANITARY DRAIN
ABANDONED DRY WELLS
INV EL 321.00
NEW MANHOLE SEE DETAIL A
NEW 6" VCP ROOF DRAIN
NEW 4" VCP FOOTING DRAIN
INV EL 322.5±
NEW ROOF & FOOTING DRAINS IN SAME TRENCH, 4 FT DEEP
INV EL 325.66
INV EL 323.56
7' DEEP
BM: EL 350.0 GROUND FLOOR
ABANDONED DRY WELLS
6' DEEP
4" FOOTING DRAIN
NEW 4" VCP FOOTING DRAIN
NEW 6" ROOF DRAIN
NEW 4" ROOF DRAIN
7' DEEP
NEW 4" VCP FOOTING DRAIN
NEW 6" VCP ROOF DRAIN
INV EL 327.25'
6" ROOF & AREA DRAIN
2 - 1/2" GALV FUEL OIL PIPES ABOVE ROOF DRAIN
2 1/2" COPPER WATER PIPE BESIDE ROOF DRAIN
SEE DETAIL D ON SHEET M/E-1 AS BUILT
NEW LEADERS (NIC) (TYPICAL SYMBOL)
NEW POROUS CONC. FOOTING DRAIN FOLLOWS LIBRARY STEP FOOTING
FROM SUMP PUMPS
NEW 4" VCP ROOF DRAIN 3.5' DEEP
NEW DRAINAGE PLAN ROOFING & FOOTING
SCALE 1" = 20'
N
MUSEUM
NEW 3x4 LEADER (NIC)
2'-0" ± 3"
GRADE
NEW LEADER SHOE
NEW 4" CI ELBOW
CONCRETE
NEW 4" CLAY PIPE
NEW 1'x1' CONCRETE PAD
COMPACTED SUBBASE
TYPICAL LEADER CONNECTION
NO SCALE
THE AS-BUILT INFORMATION ON THIS DRAWING HAS BEEN SUPPLIED BY THE U.S. GOVERNMENT PROJECT SUPERVISOR.
A.V. COLABELLA, ENGINEERS
CHARLES R. KISE, P.E.
REMODELING OF MUSEUM & FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
SCALE AS SHOWN
PREPARED
DESIGNED
DRAWN
CHECKED
DATE
DRAWING NO 337 41,007
PKG. NO. 107
SHEET 45 OF 47


SOUTH ELEVATION 1/8"=1'-0"
EAST ELEVATION 1/8"=1'-0"
ROOF PLAN 1/8"=1'-0"
NATIONAL PARK SERVICE
As-Built Plan
Addendum to Drawing
No 337-41007A
6/76 WJ
CHANGE ORDER No 3
CX 1600-5-0008
NPS DRAWING #: 337 41007A
REMODELING OF
MUSEUM & FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
SCALE AS SHOWN
PREPARED
DESIGNED
DRAWN
CHECKED
DATE
DRAWING #
337
41,007
SHEET
4 of 4

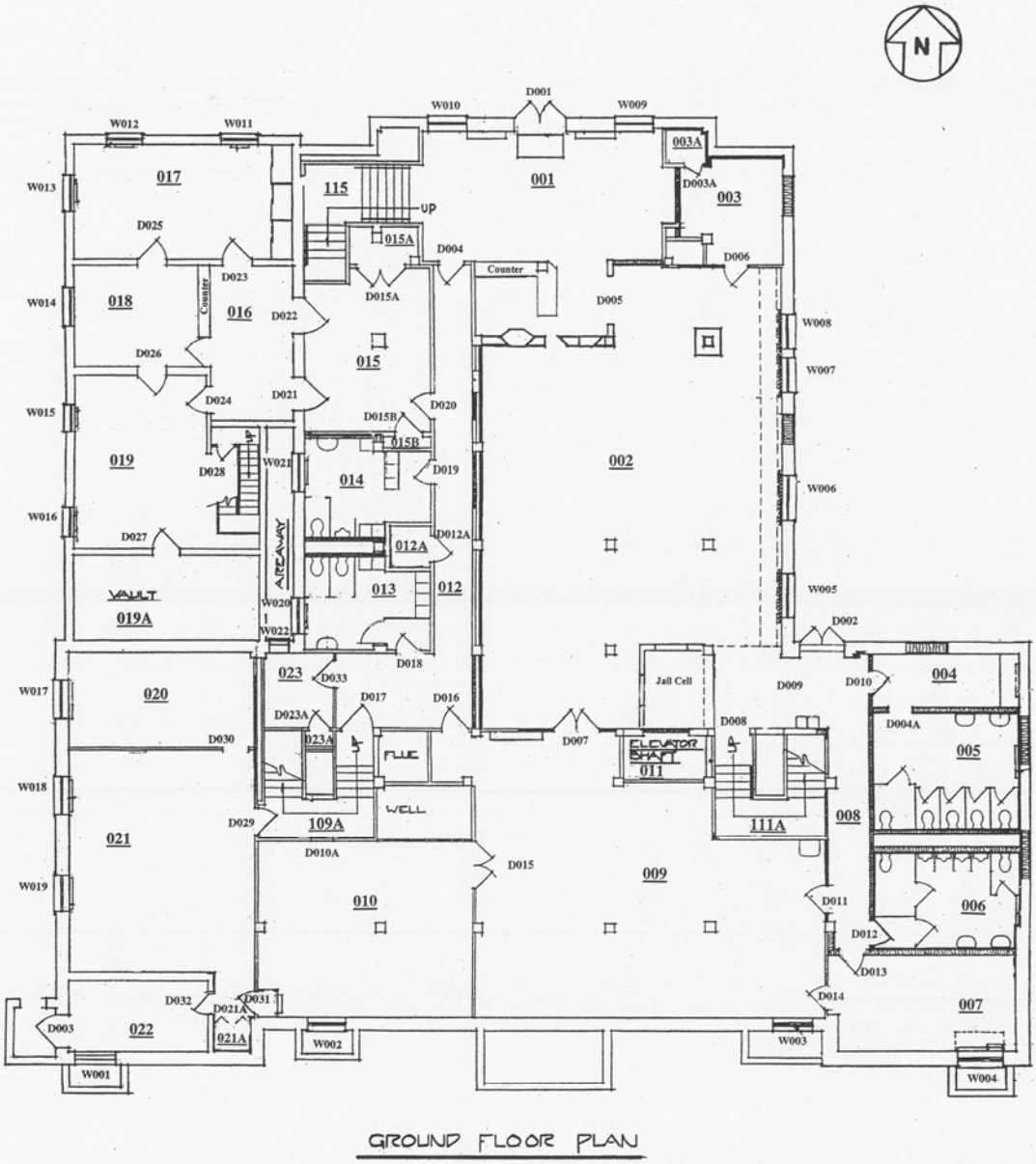

WEST ELEVATION 1/8"=1'-0"
NORTH ELEVATION 1/8"=1'-0"
SECTION 'A-A' 1/8"=1'-0"
DETAIL B/2 1½"=1'-0"
CORNICE & GUTTER DETAIL 1½"=1'-0"
NOTES
1 UNLESS INDICATED AS 'NEW', CONDITIONS SHOWN ARE EXISTING.
2 BUILD UP FLAT ROOFS WHERE INDICATED W/ INSULATED FILL MATERIAL. PROVIDED MIN. SLOPE OF 1/8" PER FT. PREPARE EXISTING ROOF BEFORE APPLICATION OF INSULATED FILL MATERIAL.
3 PROVIDE NEW CANT STRIPS FOR ALL BUILT-UP ROOFS THAT DO NOT HAVE EXISTING CANTS & REQUIRED OR REPLACED. EXISTING CANT STRIPS AS REQUIRED.
4 REMOVED ALL COPPER STANDING SEAM ROOFING & REPLACED W/ NEW ASPHALT FELTS, NEW BLDG. PAPER, & NEW 1" STANDING SEAM ROOFING
5 REMOVED COPPER FLAT SEAM ROOFING; REPLACED W/ NEW BUILT-UP ROOFING
6 REMOVED BUILT-IN COPPER GUTTERS FROM WEST CORNICES, REPAIRED CORNICE AS REQ'D & PROVIDED NEW BUILT-IN COPPER GUTTERS
7 REMOVED & REPLACED ALL FLASHING & COUNTER FLASHING W/ NEW COPPER FLASHING & COUNTER FLASHING
8 REMOVED COPPER LEADER COLLECTOR BOXES & PROVIDE NEW COPPER LEADER BOXES TO MATCH EXISTING
9 REPAIRED ROOF DECKS AND/OR NAILING SURFACE UNDER COPPER ROOFS AS REQ'D
10 REMOVED EXIST. COPPER FLAT SEAM ROOF & SIDES OF RAIN DOWNSPOUTS & PROVIDED NEW COPPER FLAT SEAM ROOF & SIDES & NEW COPPER LOUVERS
11 REMOVED ALL ATTIC VENTS & PATCHED OPENINGS PRIOR TO INSTALLATION OF NEW COPPER ROOFING
12 CLEANED, REPAIRED, AND/OR REPLACED SCUPPERS AS REQ'D
13 FABRICATION & INSTALLATION OF ALL COPPER WORK COMPLY W/ RECOMMENDED SHEET COPPER PRACTICES PER "COPPER & COPPER ALLOYS" AS PUB. BY REVERE COPPER & BRASS INC., LATEST EDITION
14 CONT ALL LIMESTONE COPINGS W/ CLEAR SILICONE
15 WHERE NEW LINES CROSS LIMESTONE BAND COURSE & OR OTHER PROJECTIONS WHICH ARE BEYOND THE PLANE OF BRICK BLDG. WALL, THEY ARE TO BE WRAPPED SUCH PROJECTIONS W/ SHAPED FITTINGS & NO INTERFERE IN THE REQ'D CROSS SECTIONAL AREA. REPLACED
ABBREVIATIONS
COR CORNICE
EXIST. EXISTING
LDR. LEADER
MIN. MINIMUM
N.I.C. NOT IN CONTRACT
O.C. ON CENTERS
REMV'D REMOVED
REQ'D REQUIRED
TYP. TYPICAL
VERT. VERTICALLY
W/ WITH
NATIONAL PARK SERVICE
CHANGE ORDER #3
CX 1600-5-2006
NPS DRAWING #: 337 41007A
REMODELING OF
MUSEUM & FORD MANSION
MORRISTOWN NATIONAL HISTORICAL PARK
SCALE AS SHOWN
PREPARED
DESIGNED
DRAWN
CHECKED
DATE
DRAWING NO. 337 41,007
SHEET 4 of 4

APPENDIX E.

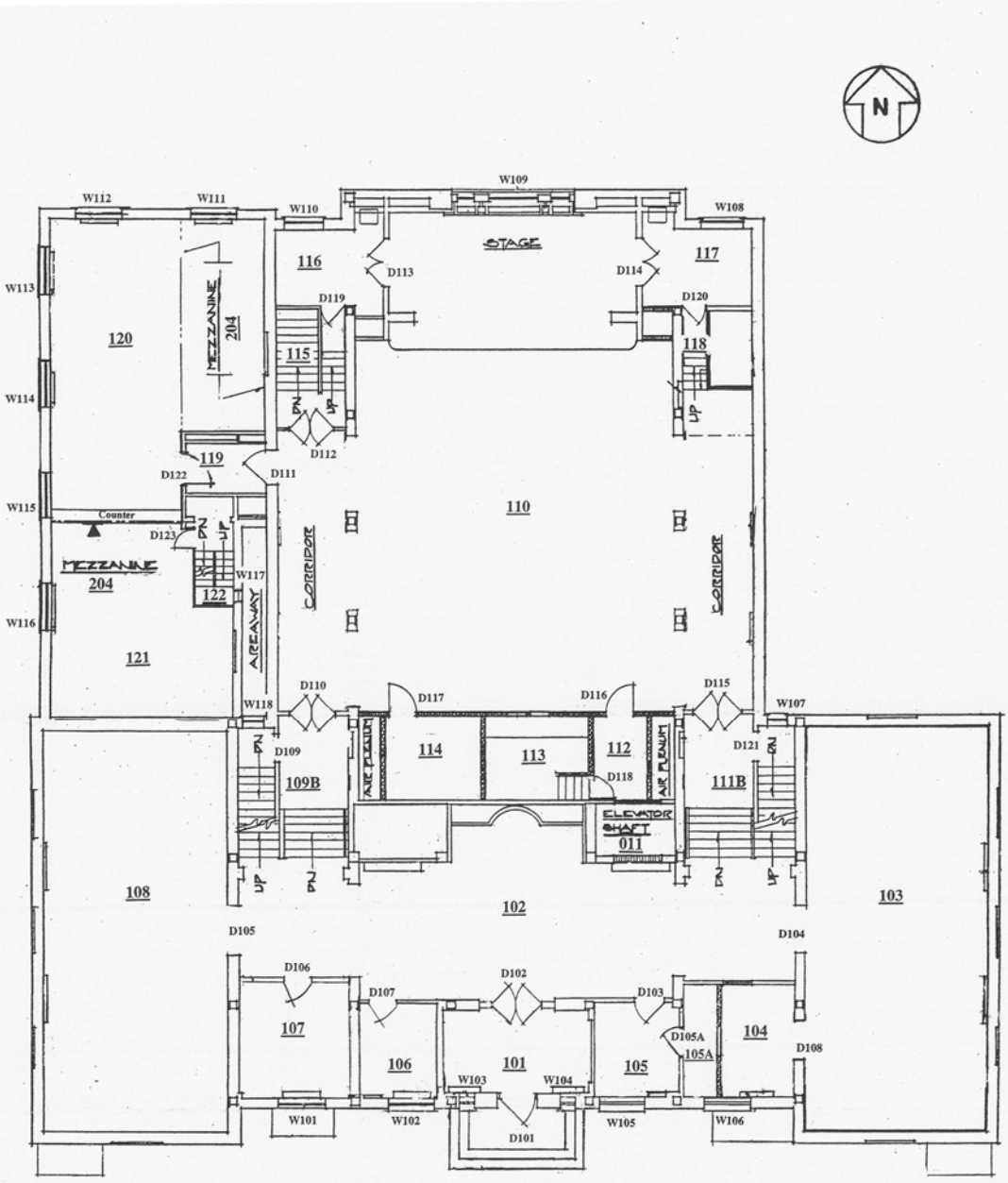
MUSEUM BUILDING, MORRISTOWN NATIONAL HISTORICAL PARK

Annotated Plans and Elevations, 2002

Building Conservation Branch
Northeast Cultural Resources Center
National Park Service

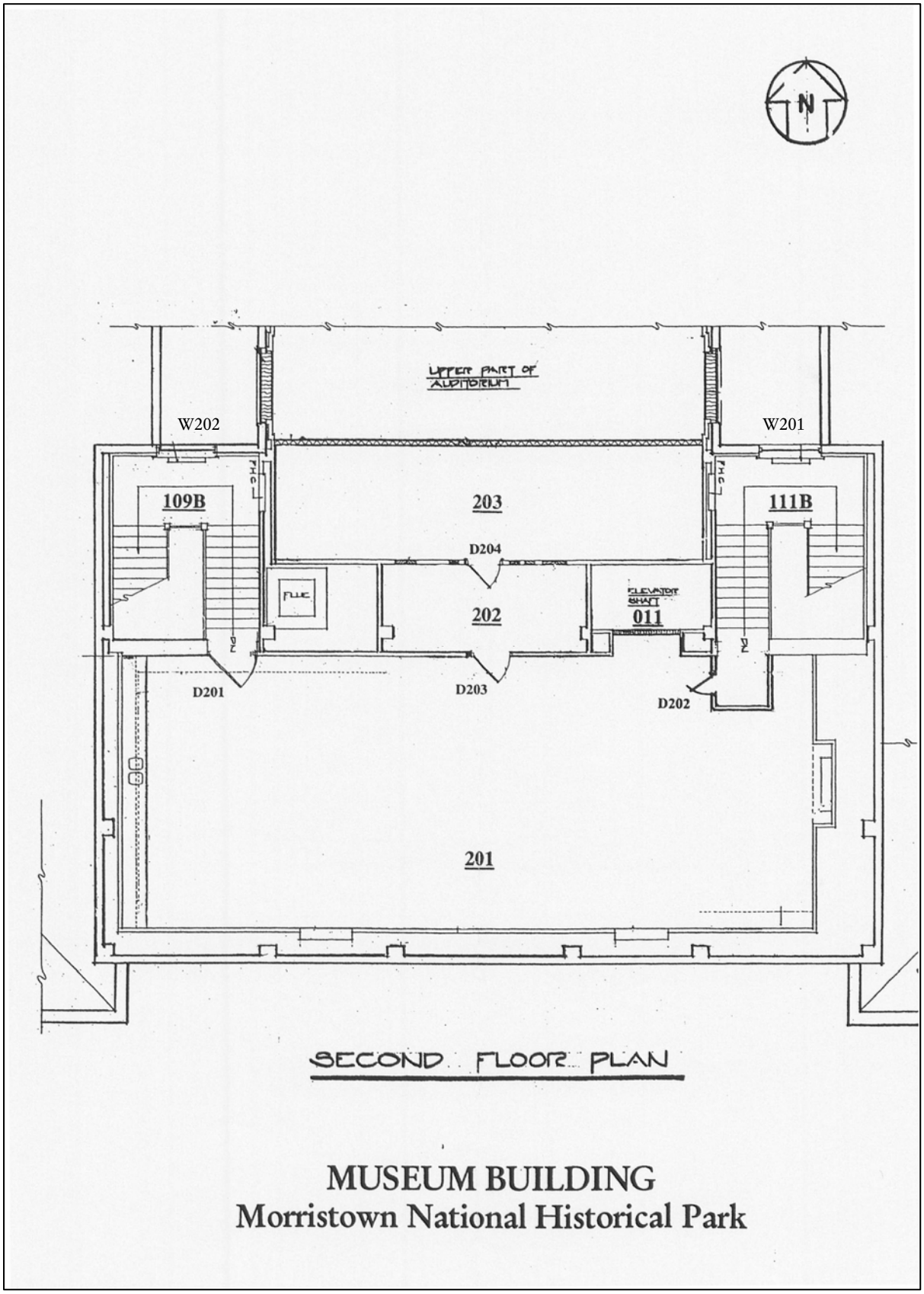


MUSEUM BUILDING
Morristown National Historical Park

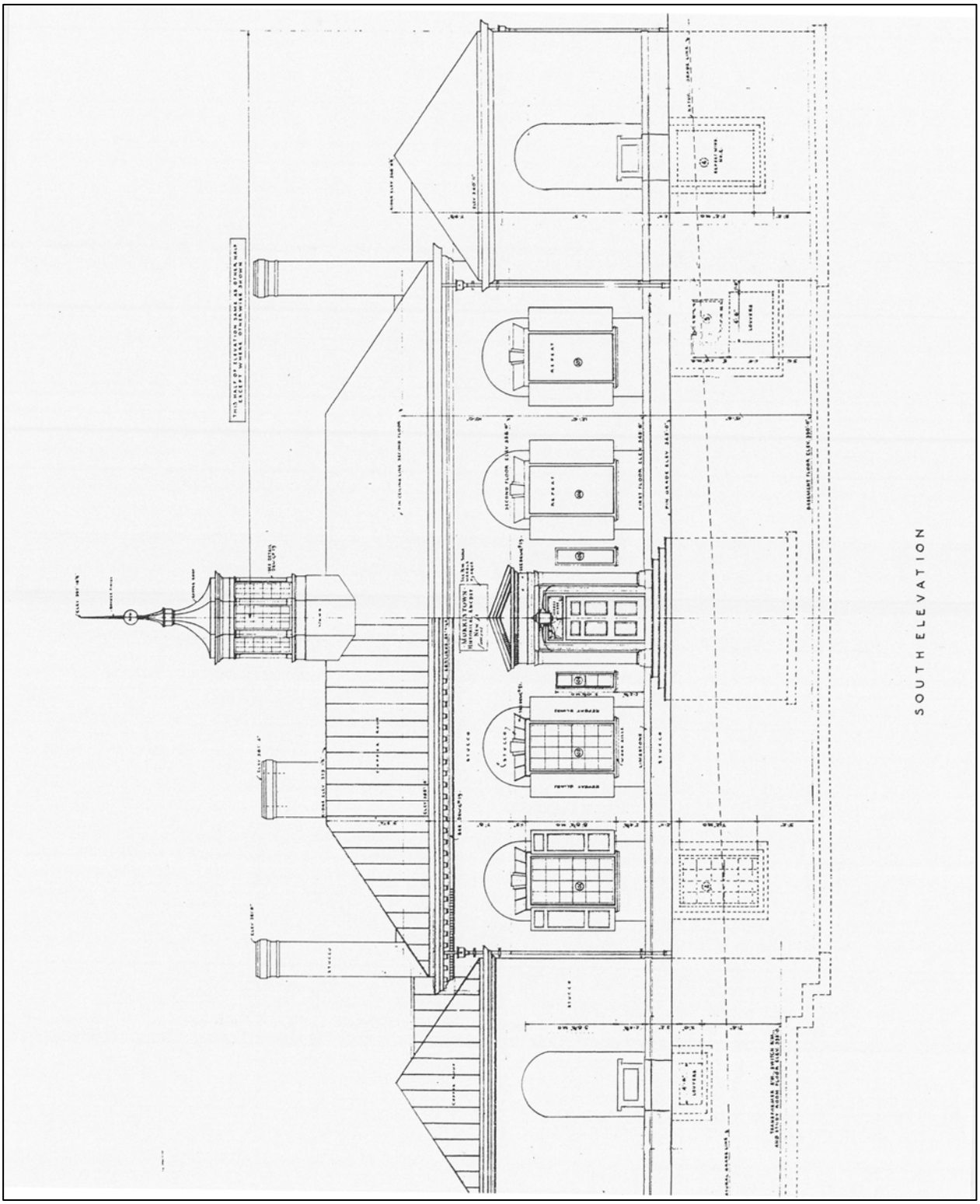


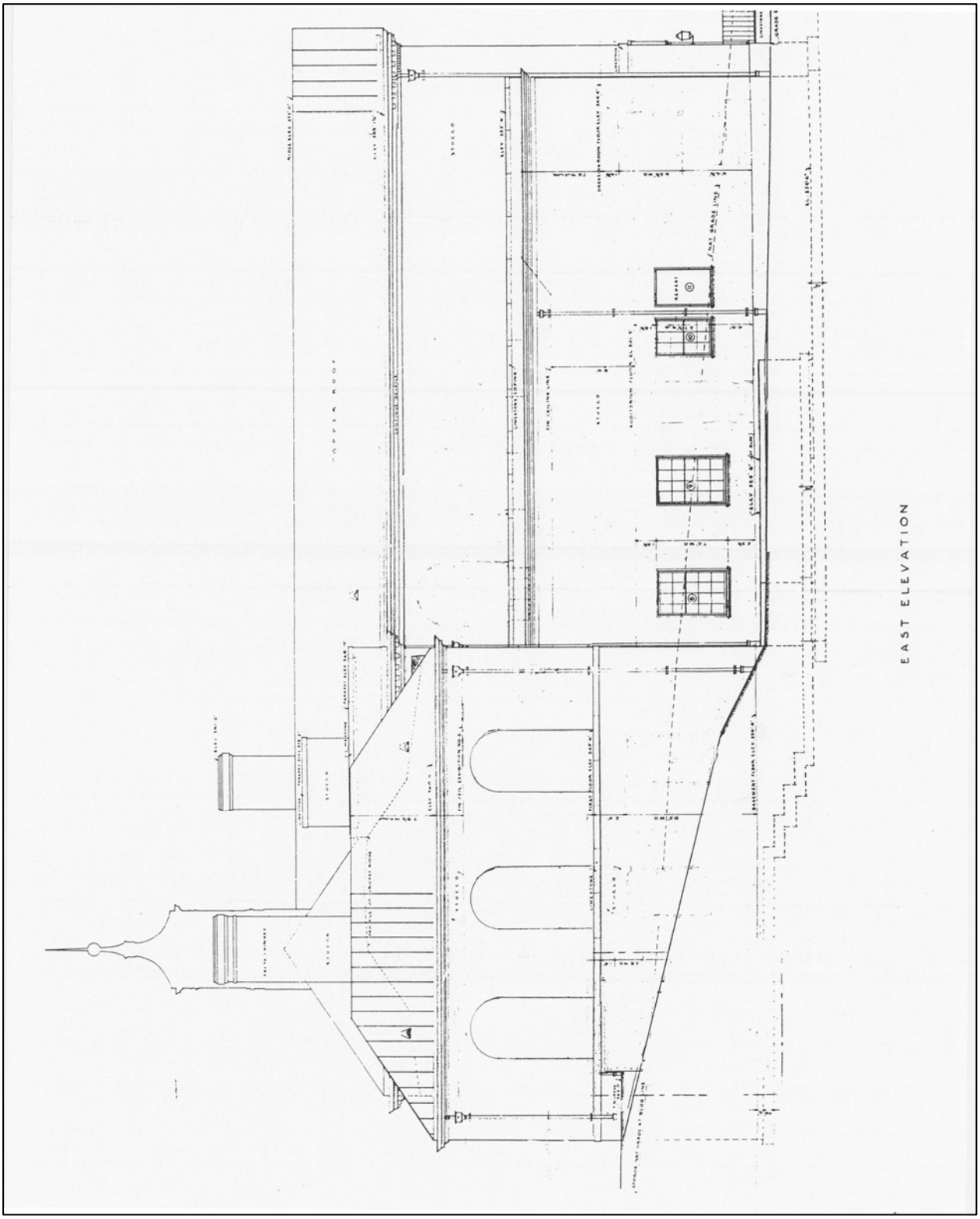
FIRST FLOOR PLAN

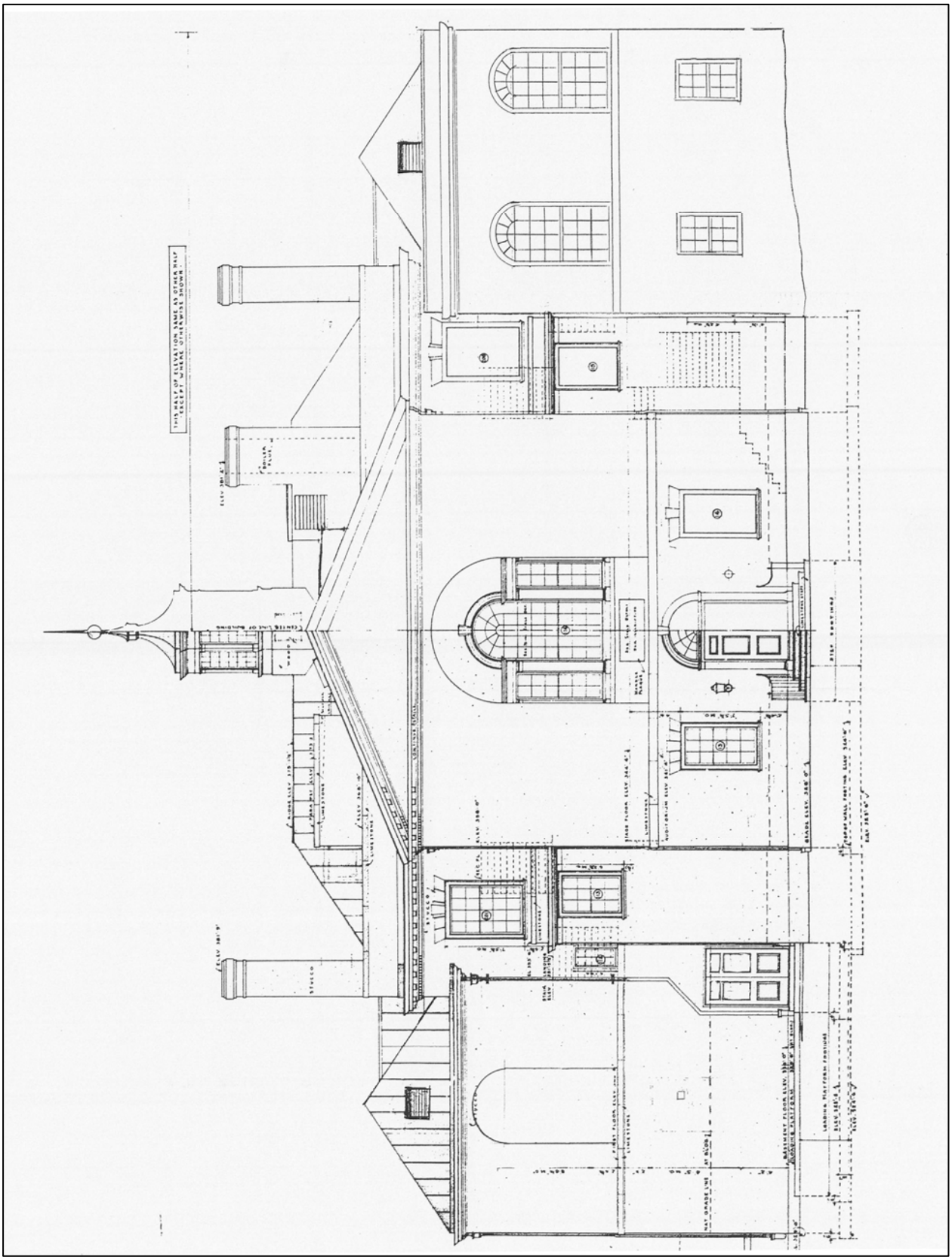
MUSEUM BUILDING
Morristown National Historical Park

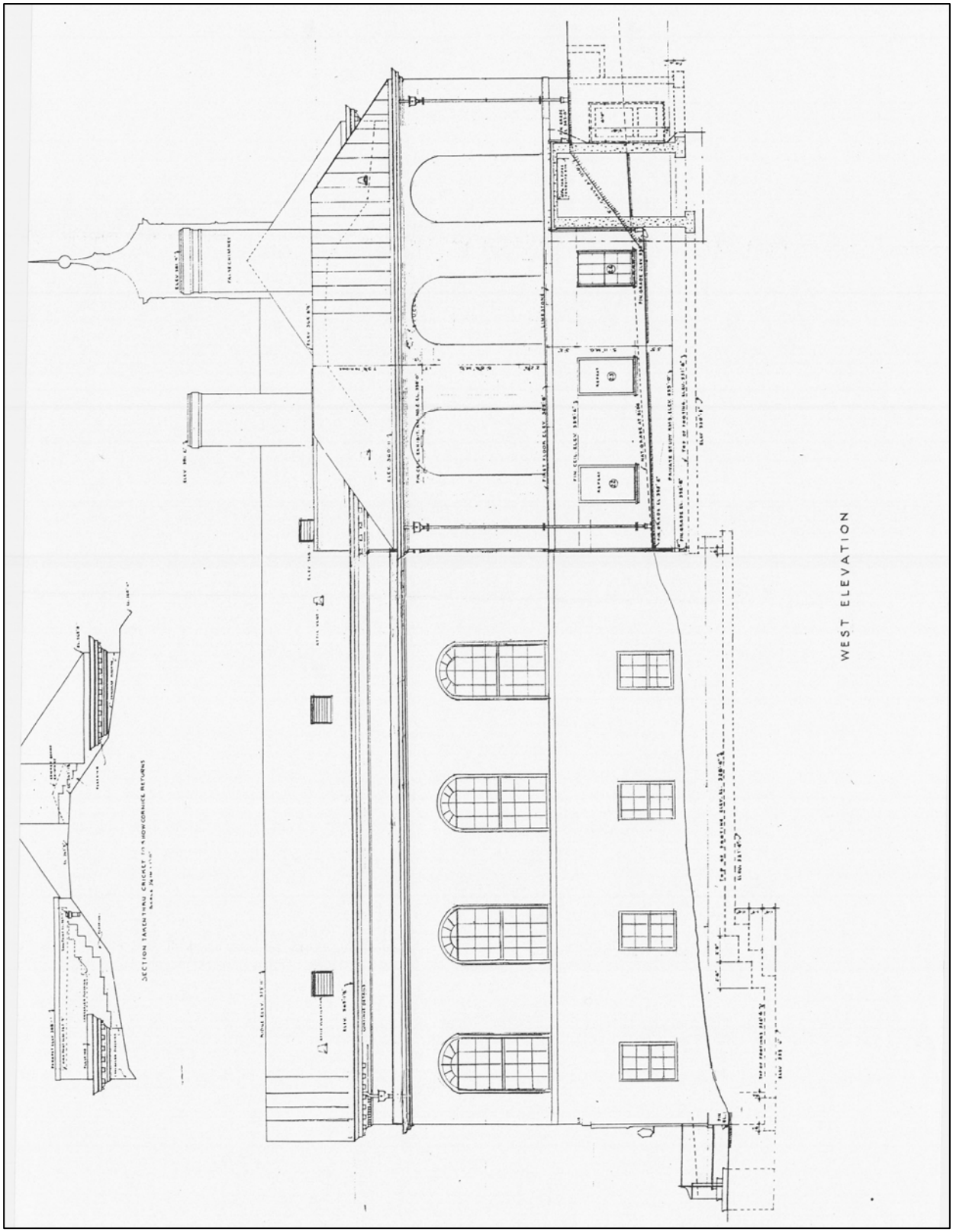


MUSEUM BUILDING
Morristown National Historical Park


SOUTH ELEVATION


EAST ELEVATION




WEST ELEVATION
SECTION TAKEN THRU CRICKET ON A HIGH CORNICE RETURNS

APPENDIX F.

PAINT ANALYSIS: MUSEUM BUILDING

METHODOLOGY

In the fall of 2001 a BCB architectural conservator removed 434 samples from the painted surfaces of the Morristown Museum Building (52 from the exterior and 382 from the interior). The samples were removed using an X- acto knife. Each sample was placed in a separate small envelope, which was carefully labeled with the building name, sample location, and date of removal. The samples were brought to the laboratory facilities of the Building Conservation Branch (BCB) in Lowell, Massachusetts, and logged using a system derived from the National Park Service's Integrated Research Organization System (IROS). This system provides a four-part code that identifies the site, the building, the sample type, and the sample number. Thus, a paint sample with the code number MORR- 01- P001 is paint sample (**P**) number "1" (**001**) taken from the Museum Building (building number **01**) at Morristown National Historical Park (**MORR**). Lists of the exterior and interior paint samples removed and the location from which each sample was taken is included in this appendix.

The samples were examined using a stereozoom microscope. Each sample was viewed in cross section at 10 to 63 times magnification. Paint- layer colors and sequences (stratigraphies) were recorded as well as dirt lines and fractures between layers, which help to determine the possible passage of time between layers. Spot chemical tests were performed, including the use of dilute sodium sulfide solution to identify lead paint and to help identify similar layers among samples. Selected samples with the most complete stratigraphies were mounted in individual wax- filled petri dishes, which were also labeled with each sample's IROS log number.

Stratigraphies of the samples were compared with each other and with information gleaned from the available documentation, whereupon conjectured dates were assigned to selected layers. Charts detailing the conjectured evolution of the Museum Building's exterior and interior paint schemes (chromochronologies) are included in the "Analysis" section below. Color matching, which was not conducted for this draft report since the period of significance for the Museum Building has not yet been determined, will be included in the final report.

EXTERIOR ANALYSIS

It is known from physical investigation and documentary evidence that the exterior of the Museum Building was painted in 1937 when the original structure was completed, in 1957 when the library addition was built, and in 1975 during the remodeling project. In addition, archival records reveal that the exterior woodwork was painted in 1951, the cupola in 1953, and the entire exterior in 1988.[1] Except for the cupola (which was painted white), no colors were noted for any of these painting episodes.

Microscopic examination of paint samples removed from the building's 1937 doorway and window features revealed extensive paint stratigraphies. These were compared to those of samples from the 1957 and 1975 doorway and window features and tallied with the archival evidence. The result was a conjectured chromochronology of the Museum Building's exterior woodwork (all the exterior woodwork has traditionally been painted the same color). As the chromochronology chart in the following section shows, the building's exterior woodwork has always been painted some shade of white or very light cream (the one slight aberration being a daring light yellow- cream used in the 1960s).

By contrast, the analysis of the Museum Building's exterior stucco- wall finishes was more problematic. It does not appear that the walls were painted very often (only five or six times between 1937 and 1988) and few samples displayed more than a few (recent) layers of paint. In addition, several areas of the building's original walls had been stuccoed over in 1975, making it difficult to remove samples that were deep enough to get down to the original stucco substrate underneath. However, samples that were removed from the 1957 library addition walls and from areas in original windows and doorways that were blocked and stuccoed over in 1975 provided valuable benchmarks for the dating of the paint layers in samples from other walls on the building.

Analysis of the samples from the 1957 library addition walls revealed that the walls were originally finished with a light yellow- cream cementitious coating over a stucco substrate; this coating is also found in samples taken from 1937 walls. Similarly, analysis of the 1975 wall samples revealed a stucco substrate followed by a layer of yellow paint and then a layer of light tan- cream paint, all three layers also appearing in 1937 and 1957 wall samples. Thus, the paint history of the exterior walls since 1957 can easily be determined – light yellow- cream in 1957, yellow in 1975, and light tan- cream in 1988.

The presence of the 1957 and 1975 finishes in some samples from 1937 walls also proved to be very useful in identifying pre- 1957 paint finishes. Two samples from the north elevation of the west and east extensions have extensive stratigraphies that include the 1975 stucco/yellow- paint layers and the 1957 light yellow- cream cementitious coating. Below the 1957 layer are a stucco substrate and three layers of paint. The stucco is thought to date to 1937. The first layer of paint

[1] "Project Completion Report" dated August 22, 1951; Francis S. Ronalds, Superintendent's Monthly Narrative Report for September" dated October 12, 1953; Section 106 compliance form dated May 1986. Morristown NHP archives.

is light cream and was probably the original finish on the Museum Building's stucco walls. The second and third layers of paint are tan and light cream and represent either undocumented general painting episodes, touch- up painting, or (more probably) a combination of both, performed between 1937 and 1954. One or two of these paint layers also appear in a few samples taken from 1937 walls that had not been stuccoed over in 1975.

EXTERIOR PAINT SAMPLES

Sample #	Elevation	Location
P001	South Façade – Main	Wall – west end
P002	South Façade – Main	Wall – west end, in W102 niche
P003	South Façade – Main	Wall – east end, under water table
P004	South Façade – Main	Wall – east end, in W106 niche
P005	South Façade – Main	D101 – door
P006	South Façade – Main	D101 – jamb trim
P007	South Façade – Main	D101 – casing
P008	South Façade – Main	D101 – pilaster, west plinth
P009	South Façade – Main	D101 – pilaster, east plinth
P010	South Façade – Main	D101 – pilaster column
P011	South Façade – Main	D101 – transom
P012	South Façade – Main	W102 – surround
P013	South Façade – Main	W102 – sill/apron
P014	South Façade – Main	W102 – sash
P015	South Façade – Main	W102 – jamb trim
P016	South Façade – Main	W102 – shutter
P017	South Façade – West Wing	Wall
P018	South Façade – West Wing	Pedestal base
P019	South Façade – West Wing	Wall niche
P020	South Façade – West Wing	Stucco on top edge of water table
P021	West Elevation – West Wing	Wall – south end
P022	West Elevation – West Wing	Wall – D003 areaway
P023	West Elevation – West Wing	Wall – north end
P024	West Elevation – West Wing	D003 – door
P025	West Elevation – Library	Wall – south end (near west wing)
P026	West Elevation – Library	Wall – north end
P027	West Elevation – West Wing	W019 – sash
P028	West Elevation – West Wing	W019 – casing
P029	West Elevation – West Wing	W019 – sill
P030	West Elevation – Library	W014 – sash
P031	West Elevation – Library	W014 – casing/jamb trim
P032	West Elevation – Library	W014 – sill
P033	North Elevation – Library	Wall
P034	North Elevation – West Extension	Wall
P035	North Elevation – Main	Wall
P036	North Elevation – Main	D001 – door
P037	North Elevation – Main	D001 – casing/pilaster
P038	North Elevation – Main	D001 – fan light
P039	North Elevation – Main	W012 – sash
P040	North Elevation – Main	W012 – casing/jamb trim

P041	North Elevation – Main	W012 – sill
P042	North Elevation – East Extension	Wall
P043	East Elevation – East Extension	Wall
P044	East Elevation – East Extension	Wall @ former doorway
P045	East Elevation – East Extension	W006 – sill
P046	East Elevation – East Extension	W006 – jamb trim
P047	North Elevation – East Wing	Wall
P048	North Elevation – East Wing	Wall in former window opening
P049	North Elevation – East Wing	D002 – door
P050	North Elevation – East Wing	D002 – casing
P051	East Elevation – East Wing	Wall
P052	East Elevation – East Wing	Wall @ former window opening
P053- 100	No samples	

EXTERIOR REPRESENTATIVE CHROMOCHRONOLOGIES

DATE	LAYER	WALLS 1937	WALLS LIBRARY 1957	WALLS 1975	D101 DOOR/TRIM D001 – TRIM	D001 DOOR	D002 DOOR	D002 TRIM	1937 WINDOW SASH TRIM	1957 WINDOW SASH TRIM
	Substrate	stucco	stucco	stucco	wood	wood	wood	wood	wood	wood
	1				silver met (P)			[?]	silver met (P)	
1937	2	lt cream			● lt cream (2)			● lt crm	● lt cream	
	3				● lt cream					
ca. 1947	4	tan			● lt cream			● lt crm	● lt cream	
	5				● lt cream					
ca. 1951	6	lt cream			● lt cream			● lt crm	●	
	7	[green]			● lt cream					
ca. 1953	8				● lt crm (2)			● lt crm		
1957	9	lt yellow cream*	lt yellow-cream*		● lt cream			● lt crm	● lt cream	● lt crm
	10				lt cream				lt cream	lt cream
	11				● lt yellow-cream			● lt yell-cream	● lt yell-cream (2)	● lt yell-cream
	12				lt cream				lt cream	lt cream
1975	13	stucco		stucco						
	14	yellow	yellow	yellow	lt cream		lt cream	lt cream	lt cream	lt cream
	15				lt cream		white			
	16				white		white (2)			
c. 1988	17	lt tan-crm	lt tan- crm	lt tan-crm	white (2)	white (2)	white (2)	white (2)	white (2)	white (2)

● Tests positive to Na_2S - indicates presence of lead
"lt" Very light
[ ] Copper run- off stain
* Cementitious
P Primer

INTERIOR ANALYSIS

General Information

Superintendent Elbert Cox reported in early 1937 that the interior painting of the new museum-library was completed.[2] The colors were not recorded, but paint analysis has revealed that mostly soft colors were used and that there was not much variation from room to room. Most rooms were given light cream walls and woodwork (the black terrazzo baseboard being unpainted). A light salmon or light cream- salmon color was used on the walls in the vestibule, entrance hall/foyer and primary stairways on the first floor, and a similar color was used in the private study/library area on the ground floor. Doorways were also painted light cream except on the ground floor, where the utility doorways were painted brown.

Subsequent reports record that individual rooms were painted in 1946 and 1955 and paint analysis indicates that other adjoining rooms were also painted at the same time. Unlike on the exterior, the 1957 construction of the library addition did not translate into a general repainting of rooms on the interior of the original building – only the rooms within the addition were affected. However, the 1975 remodeling resulted in repainting of extant and unaltered rooms as well as remodeled rooms. Although no written documentation was found that records the colors used, it was possible to estimate the dating of certain paint layers from comparative analysis of samples within a room and among rooms and thus to determine the 1975 paint colors. For example, the extant east wall in the lobby (Room 001) is known to date to 1975 and the first layer of paint on that wall is blue. That same layer is seen in samples from 1937 features in several other rooms. Thus, this blue layer not only helps to date similar layers found in samples from other rooms, but also helps date earlier paint layers in the same samples. Similar comparative analysis and extrapolation of conjectured dates of selected paint- layer colors were also used for areas affected by the 1992 office area restoration on the first floor and the 1995 rehabilitation of the ground floor exhibit area (Room 002).

A list of paint samples removed from the interior of the Museum Building, organized by room, is presented at the end of this section, followed by chromochronology charts for most of the rooms. On the charts, the conjectured dates assigned to paint layers in individual samples were arrived at following a review of the documentary evidence and a comparative microscopic examination of the samples. There follows a summary of that evidence and the microscopic examination.

[2] Monthly Report to NPS Director for February 1937, dated March 18, 1937.

The Year 1946

Superintendent Ronald's report for January 1947 records that the exhibit rooms were being painted in "pastel shades" and that the vestibule, foyer, staircases, and halls had been painted "oyster gray".[3] The paint evidence for this painting episode, however, is somewhat ambiguous. The analysis shows that the walls in the west exhibit room (Washington Room - Room 008) were painted light yellow at this time, which is definitely a "pastel shade". However, the same layer in the east exhibit room (Revolution Room - Room 003) wall samples is a much lighter light- cream, similar to the color found in the woodwork samples, and a black- and- white photograph of the Revolution Room taken in 1954 (not included) shows generally light- colored walls and woodwork. Similarly, the oyster gray color referred to in the report appears in the wall samples from the southwest stairway (Room 109) as tan- gray, but the same layer in the vestibule and foyer appears to be light cream. It is possible that some yellowing, darkening, and/or fading has occurred to these paint layers over time, which could explain the variation in colors thought to date to 1947, but if it is decided to repaint these rooms to their circa- 1947 appearance, further analysis of these paint layers needs to be conducted.

The Year 1954

Documentary evidence indicates that repeated moisture problems resulted in the patching and repainting of the west wall in the library (now the general administration room – Room 021) in late 1954.[4] This work is reflected in the paint samples from the room. While no samples were removed from the west wall, samples removed from the south and east walls do not have several early layers of paint found in samples from the walls in the adjacent office (Room 020). This is evidence that similar early layers in the library were plastered over and painted and that the first paint layer in the room's wall samples probably dates to 1954- 1955.

The Year 1955

Several major public rooms were repainted in early 1955. The superintendent's monthly narrative for January of that year reports that the Study Collection room (now part of the curator's room on the second floor – Room 201) and the Washington Room (Room 008) were painted "soft shades of brown and green," the Revolution Room was painted "powder blue," and the woodwork in all the rooms was painted "ivory".[5] The fact that the woodwork was painted ivory is easily confirmed by the paint analysis, as is the blue wall color used in the Revolution Room (a black- and- white photograph taken of the room in 1956 [not included] shows the walls as a medium color and the woodwork as very light). As for the brown and green colors, it is not clear from the report which rooms were painted brown and which were painted green. The paint analysis, however, shows that the walls in the second- floor room were painted green and in the Washington Room were painted tan, as were the walls in the vestibule and the

[3] "January 1947 Narrative Report."
[4] Ronalds, "Superintendent's Monthly Narrative Report for December, 1954" dated January 20, 1955.
[5] Ronalds, "Superintendent's Monthly Narrative Report for February, 1955" dated March 15, 1955.

three first- floor offices. However, the paint analysis also revealed that these rooms may have had their walls painted in two colors – a tan color on the lower walls and a cream- yellow on the upper walls. If it is decided to repaint these rooms to their circa- 1955 appearance, further analysis of these paint layers needs to be conducted.

The Year 1975

The extensive alterations performed during the 1975 remodeling of the Museum Building helped facilitate the comparative dating of paint layers in samples from several rooms. For example, a blue paint layer is consistently found in wall samples from the auditorium and is always preceded by a light cream- yellow layer. The theory that the blue layer dates to 1975 was confirmed when the samples from the second- floor mechanical room (Room 203) were examined. This room was originally in the upper reaches of the auditorium that was obscured when several rooms were erected at its south end. The mechanical room wall samples had stratigraphies that were very similar to the auditorium wall samples except that there was no blue layer and the last layer was the light cream- yellow that had preceded the blue layer in the auditorium.

INTERIOR PAINT SAMPLES

Ground Story

Room 001 – Lobby

Sample #	Elevation	Location
P101	North	Wall
P102	South	Wall - west end
P103	South	Wall - east end
P104	East	Wall in arch recess (former stairway opening)
P105	North	Baseboard - molding
P105A	North	Baseboard - base
P106	East	Baseboard - east arch
P107	North	D001 - exterior doors
P108	North	D001 - casing
P109	South	D004 - door (to West Corridor [R012])
P110	South	D004 - casing
P111	East	D005 - casing (no door - to Exhibit Area [R002])
P112	North	W010 - sash
P113	North	W010 - stool
P114		no sample

Room 002 – Exhibit Area

No samples

Room 003 – Exhibit Office

P115	West	Wall - south end
P116	East	Wall
P117	West	Wall
P118	South	Wall
P119	South/West	Closet walls
P120	South	D006 - door (from Exhibit Area [R002])

Rooms 004- 006 – Women's Lounge, Women's Rest Room, and Men's Rest Room

No samples

Room 007 – Employees' Lounge

P121	South	Wall
P122	North	Wall
P123	West	D014 - door (to Mechanical Equipment Room [R009])
P124	North	D013 - door (to East Corridor [R008])

Room 008 – East Corridor

P125	West	Pillar
P126	East	Wall
P127	North	D002 - exterior doors
P128	North	D002 - casing/trim
P129	East	D010 - door (to Women's Lounge [R004])
P130	West	D011 - door (to Mechanical Equipment Room [R009])
P131	East	D012 - door (to Men's Rest Room [R006])
P132	East	D012 - casing
P134	South	D013 - door (to Employee's Lounge [R007])
P135	South	D013 - casing

Room 009 – Mechanical Equipment Room

P135	West	Upper wall (c. 1937)
P136	East	Lower wall (c. 1975)
P137	East	Upper wall (c. 1975)
P138	North	D007 - doors (to Exhibit Area [R002])
P139	East	D011 - door (to East Corridor [R008])
P140	East	D014 - door (to Employee's Lounge [R007])
P141	West	D015 - doors (to Boiler Room [R010])
P142	North	D016 - door (to West Corridor [R012])

Room 010 – Boiler Room

P143	East	Lower wall (c. 1937)
P144	East	Upper wall (c. 1937)
P145	West	Lower wall (c. 1937)
P146	West	Upper wall (c. 1937)
P147	East	D015 - doors (to Mechanical Equipment Room [R009])
P148	North	D031 - door (to Administration Office [R021])

Room 011 – Elevator Shaft

No samples

Room 012 – West Corridor

P149	East	Wall
P149A	East	Wall - south end (in area of 1975 patching)
P150	West	Wall (in area of 1975 patching)
P150A	West	Wall (c. 1937)
P150B	South	Wall (c. 1937)
P151	North	D004 - door (to Lobby [R001])
P152	West	D033 - door in south leg (to Storage Room [R023])
P153	West	D012B - door to closet
P154	South	D016 - door (to Mechanical Equipment Room [R009])
P155	South	D017 - door (to Southwest Stairs [R109])
P155A	West	D019 - door (to Men Employee's Rest Room [R104])
P162	West	Floor in R012A closet
P163	West	Walls in R012A closet

Room 013 – Women Employees' Rest Room

P164	South	D018 - door (to West Corridor [R012])
P165	South	D018 - casing
P166	West	W020 - sash
P167	West	W020 - jamb trim
P168	West	W020 - stool

Room 014 – Men Employees' Rest Room

No samples

Room 015 – Interpretation Office

P169	West	Wall
P170	East	Wall
P171	North	Wall
P172	East	D020 - door (to West Corridor [R012])
P173	East	D020 - casing
P174	West	D022 - door (to Superintendent's Waiting Room [R016])
P175	West	D021 - door (to Superintendent's Waiting Room [R016])
P176	West	D021 - casing
P177	South	D015A - doors (to north closet)
P178	North	D015B - door (to southeast closet)

Room 016 – Waiting Area and Room 018 – Receptionist Area

P179	East	R016 - upper wall
P180	East	R016 - D021, door (to Interpretation Office [R015])
P181	North	R017 - upper wall

Room 017 – Superintendent's Office

No samples

Room 019 – Cultural Resources Office

P182	East	Wall in alcove under stairs
P183	West	Wall
P184		No sample

Room 02 – Office No. 4

P185	South	Wall
P186	West	Wall (behind radiator)
P187	South	Wall in recess (former window opening)
P188	East	Wall - chase in north corner
P189	South	D030 - casing (door missing - to Administrative Office [R021])
P190	West	W017 - sash
P191	West	W017 - jamb trim
P192	West	W017 - stool

Room 021 – General Administration Office

P193	East	Wall
P194	South	Wall
P195	East	D029 - door (to Southwest Staircase [R109])
P196	East	D029 - casing
P197	East	D031 - door (to Boiler Room [R010])
P198	West	D032 - door (to Switch Gear Room [R022])
P199	South	D021A - door (to closet)
P200	West	W019 - sash
P201	West	W019 - jamb trim
P202	West	W019 - stool

Room 022 – Switch Gear Room (Transformer Room)

No samples

Room 023 – Storage Room

P156	North	Wall
P157	South	Closet walls
P158	East	D033 - door (to West Corridor [R012])
P159	South	D023A - door (to closet)
P160	North	W022 - sash
P161	North	W022 - stool

First Story

Room 101 – Vestibule

P203	West	Wall
P204	South	Wall
P205	North	Wall (lower?)
P205A	North	Wall (upper?)
P206	West	Baseboard
P207	South	Baseboard molding
P208	North	Baseboard molding
P209	South	Chair rail - southwest corner
P210	West	Chair rail
P211	South	D101 - door (to exterior)
P212	South	D101 - casing
P213	North	D102 - door (to Foyer [R102])
P214	North	D102 - casing
P215	North	D102 - sidelight
P216	South	W103 - sash
P217	South	W103 - stool

Room 102 – Foyer

P218	South/Center	Wall
P219	West	Wall
P220	West	Baseboard molding
P221	South/West End	Baseboard molding
P222	West	Chair rail
P223	East	Chair rail
P224	South/Center	D103 - door (to Office [R105])
P225	South/Center	D103 - casing
P226	East	D104 - casing (doors missing)
P227	West	D105 - casing (doors missing - to Washington Room [R108])
P228	South/West End	D106 - door (to Office [R107])
P229	South/West End	D016 - casing

Room 103 – East Exhibit Room

P230	West	R103 - wall
P231	West	R103 - D104, casing (door missing - to Foyer [R102])

Room 104 – Audiovisual Room

P232	South	Wall
P233	East	Baseboard
P234	East	Chair rail
P235	South	W105 - sash
P236	South	W105 - stool

Room 105 – Office No. 1

P237	West	Wall
P238	East	Wall
P239	East	Baseboard
P240	South	Baseboard
P241	East	Chair rail
P242	South	Chair rail
P243	North	D103 - door (to Foyer/center [R102])
P243A	North	D103 - casing
P244	East	D105A - closet door
P245	South	W105 - sash
P246	South	W105 - stool
P247	East	Closet - floor
P248	East	Closet - west wall
P249	East	Closet - east- wall baseboard

Room 106 – Office No. 2

P250	East	Wall
P250A	South	Wall
P251	North	Wall at west end (to west of D107)
P252	East	Wall (northeast corner)
P253	South	Baseboard
P254	North	Baseboard (to east of D107)
P255	West	Baseboard
P256	South	Chair rail (southwest corner)
P257	South	Chair rail
P258	East	Chair rail (south end)
P259	North	Chair rail
P260	North	D107 - door (to Foyer/center [R102])
P261	North	D107 - casing

P262	South	W102 - sash
P263	South	W102 - stool

Room 107 – Office No. 3

P264	East	Wall
P265	South	Wall
P266	West	Wall
P267	North	Wall
P268	North	Baseboard
P269	South	Baseboard
P270	South	Chair rail
P271	North	Chair rail
P272	North	D106 - door (to Foyer/west [R102])
P273	North	D106 - casing
P274	South	W101 - sash
P275	South	W101 - jamb trim
P276	South	W101 - stool/apron

Room 108 – West Exhibit Room

P277	East	Wall
P278	East	D105 - casing (doors missing - to Foyer/east [R102])

Room 109a – Southwest Stairway, Ground Story to Auditorium Level

P279	East	Wall (at top landing - 1st- floor level))
P280	South	Baseboard (at half landing - Administration Office [R021] level)
P281	East	D109 - door (to 1st- floor level)
P282	North	W118 - sash (at top landing - 1st- floor level)
P283	North	W118 - jamb trim

Room 109b – Southwest Stairway, Auditorium Level to First Story

P284	West	Wall (at 1st- floor level)
P285	West & North	Walls (at first- landing above 1st- floor level)
P286	West	Baseboard (at 1st- floor level)
P287	North	Baseboard (at first- landing above 1st- floor level)
P288	North	Chair rail (at 2nd- floor landing)
P289	West	D109 - door (from R109A - top landing)
P290	West	D109 – casing
P291	North	D110 - casing (leather doors - to Auditorium [R110])
P292	South	D201 - door (to Curatorial [R201])
P293	North	W202 - sash (at first landing above 1st- floor level)

P294	North	W202 - stool
P295	East	Staircase newels (at first landing above 1st- floor level)

Room 110 – Auditorium

P296	West	Wall (west corridor)
P297	West	Wall (auditorium)
P298	North	Wall (stage)
P299	East	Wall (east corridor)
P300	North	Wall (east corridor)
P301	South	Wall (auditorium)
P302	West	Baseboard (west corridor)
P303	West	Baseboard (auditorium)
P304	North	Baseboard (stage)
P305	East	Chair rail (east corridor)
P306	North	Chair rail (east corridor)
P307	West	Chair rail (west corridor)
P308	West	Chair rail (auditorium)
P309	North	Chair rail (front of stage)
P310	South	Chair rail (auditorium)
P311	East	D113 - doors (stage to Dressing Room [R116])
P312	East	D113 - casing
P313	West	D114 - doors (stage to Dressing Room [R117])
P314	West	D114 - casing
P315	South	D116 - door (auditorium - to Projection Booth Alcove [R112])
P316	North	W109 - sash
P317	North	W109 - pilaster/column casing
P318	North	W109 - stool
P319	East	Bracket (opening between auditorium and east corridor)

Room 111 – Southeast Stairway

No samples

Room 112 – Auditorium Projection Booth Alcove
Room 113 – Auditorium Projection Booth

P320	East	Wall (R112)
P321	West	D118 - door (R112)
P322	South	Wall (R113)
P323	East	D118 - door (R113)

Room 114 – Auditorium Storage Room

No samples

Room 115 – Northwest Stairway

P324	West	Wall (landing between ground floor and first floor)
P325	East	Wall (2nd stair run from landing to 1st- floor level)
P326	South	Baseboard (1st stair run from ground floor to landing)
P327	North	Chair rail (landing between ground floor and 1st- floors)
P328	West	Chair rail - stool of blocked window opening (landing between ground and 1st floors)
P329	West	Chair rail (1st- floor level)
P330	South	D112 - casing (leather doors - to Auditorium [R110])
P331	North	D119 - door (top of stairs - to Dressing Room [R116])
P332	North	D119 - casing
P333	West	Newel (banister along 3rd stair run from 1st- floor to dressing room levels)

Room 116 – West Dressing Room

P334		Floor
P335	South & East	Walls
P336	East	D113 - doors (to Auditorium stage [R110])
P337	East	D113 - casing
P338	South	D119 - door (to Northwest Stairs [R115])
P339	South	D119 - casing
P340	North	W110 - sash
P341	North	W110 - jamb trim
P342	North	W110 - stool

Room 117 – East Dressing Room

No samples

Room 118 – Northeast Stairway

P343	West	Wall
P344	East	Wall
P345	West	Chair rail
P346	North	D120 - door (into Dressing Room [R117])
P347	North	D120 - casing

Room 119 – Library Vestibule

P348	South	Wall
P349	East	D111 - door (to Auditorium West Corridor [R110])

Room 120 – Library Reading Room and Room 121 – Library Stacks

P350	North	Wall (R120)
P351	East	Wall (R120 - east area under mezzanine)
P352	South	Wall (R121)

Room 122 – Library Stairway

P353	East	Wall (1st stair run from R019 @ ground floor to R121 @1st floor
P354	East	Wall (top stair run from 1st floor [R121] to 2nd floor [R204]
P355	North	Wall (ground floor)
P355A	South	D028 - plywood covering on gate (ground floor)

Second Floor

Room 201 – Curator's Room

P356	East	Wall
P357	North	Wall - chair- lift addition
P358	North	Wall - alcove (former elevator doors)
P359	North	Wall - near D203
P360	East	Baseboard
P361	North	Baseboard @ west end
P362	East	Chair rail
P363	North	Chair rail - near D203
P364	West	Cornice
P365	South	Cornice @ east end
P366	South	Soffit under cornice
P367	North	D201 - door (to Southwest Stairs [R109])
P368	East	D202 - door (from Southeast Stairs [R111] - chair lift addition
P369	North	D203 - door (to Storage Room [R202])

Room 202 – Storage Room

P370	South	Wall
P371	North	Wall (@ area of former projector opening)
P372	East	Wall
P373	North	D204 - door (to Mechanical Room [R203])
P374		Ceiling

Room 203 – Mechanical Room

P375	East	Wall
P376	North	Wall
P377	West	Wall
P378	South	Wall (west end)
P379	South	Wall (in former projector opening)
P380	West	Molding
P381	East	Molding
P382	East	Cornice
P383	West	Cornice
P384	South	Cornice (ca. 1937)
P385	South	Cornice repair (ca. 1975)

Room 204 – Library Mezzanine

P386	South & East	Walls
P387	East	Cornice (continuous from library)

INTERIOR REPRESENTATIVE CHROMOCHRONOLOGIES

Room 001 – Lobby

DATE	LAYER	WALLS 1937	WALLS 1975	BASE-BOARD 1937	BASE-BOARD 1937	BASEBD E. ARCH	DOORS 1937	D001/D004 TRIM 1937	D005 TRIM 1992	WINDOW SASH/TRIM 1937
	Substrate	plaster	plaster	wood molding	terrazzo base	wood	metal & wood*	wood	composition	wood
	1						gray (P)			
1937	2	lt cream		● lt cream			● lt cream	● lt cream		● lt cream
	3	lt cream					lt cream	lt cream		
	4						lt cream	lt cream		lt cream
1947	5	lt cream		lt cream			lt cream	lt cream		lt cream
	6									
1957	7	lt cream				black	white	white		white
1975	8	blue (2)	blue	blue		blue	white	[blue]		
	9	blue (2)	blue (2)	white (2)		white (2)	white (2)	white		white
1995	10	lt cream	lt cream	lt cream	lt cream		lt cream		white	
	11			gray- brn	gray- brn	gray- brown		gray- brown	lt cream	gray- brown

● Tests positive to Na_2S – indicates presence of lead
P Primer on metal door
* D001 - wood door; D004 – metal door
lt Very light

Room 009 – Mechanical Equipment Room and Room 010 – Boiler Room

DATE	LAYER	ROOM 009 LOWER WALLS 1975	ROOM 009 UPPER WALLS 1975	ROOM 010 LOWER WALLS 1937	ROOM 010 UPPER WALLS 1937	R009/R010 D015 DOORS/TRIM 1937	D007, D011, D014 D016, & D031 D00RS/TRIM 1975
	Substrate	concrete block	concrete block	terra cotta block	terra cotta block	*metal	metal
	1			brown (P)	brown (P)	P	
1937	2			light cream	light cream	cream	
	3						
	4			light gray	[**black]	dull red	
	5						
	6			light gray	light gray		
	7			gray	gray	charcoal gray	
	8				[*mustard yellow]		
	9						off- white (P)
1975	10	gray	white	gray	white	gray	gray
	11						light cream (2)

- • Tests positive to Na_2S – indicates presence of lead
- P Primer
- [**] West wall
- [*] East wall
- lt Very light

Room 012 – West Corridor and Room 013 – Women Employees' Rest Room

DATE	LAYER	R012 WALLS 1937	R012 WALLS 1975	R012 DOORS 1937	R012 D016 DOOR 1975	R013 DOOR/TRIM 1937	R013 WINDOW SASH 1937	R013 WINDOW TRIM 1937
	Substrate	plaster	plaster	metal	metal	metal	wood	wood
	1					cream	[?]	silver (P)
1937	2	light cream		light cream		light cream		● lt cream
	3			brown		cream		
	4			cream		brown		
	5	light salmon-cream		black		● black- green	● black- green	
	6			dk gray- green		● lt cream (2)	● lt cream	● lt cream
	7					light cream	light cream	light cream
	8			salmon		● lt cream		
1957	9	light cream				light cream (2)	light cream (2)	light cream (2)
	10					cream- yellow	cream- yellow	cream- yellow
1975	11	(plaster)			gray (P)	blue	blue	blue
	12	yellow	yellow	light cream (2)	light cream	yellow (2)	yellow (2)	yellow (2)
	13	*blue	*blue					
1992	14	tan- cream	tan- cream					
	15	mint green	mint green					
	16	white	white	white	white			

● Tests positive to Na_2S – indicates presence of lead
P Primer
* West wall – south end
lt Very light

Room 015 – Interpretation Office

DATE	LAYER	NORTH WALL 1937	WALLS 1957	DOORS 1937	DOOR TRIM 1937	DOORS & TRIM 1957
	Substrate	plaster	plaster	metal	metal	metal*
1937	1					
	2	light tan- cream		brown	light brown	
	3					
	4				light cream	
ca. 1947	5	light cream- salmon		black	black	
	6					gray (P)
1957	7	cream- yellow	cream- yellow	light cream- yellow	light cream- yellow	light cream- yellow
	8	off- white	off- white			[dull cream]
1975	9	yellow	yellow	light cream	light cream	light cream
	10					
	11	light cream	light cream (2)	white (2)	white	white

No reaction to Na_2S - indicates no lead in paint
* South closet door is wood
[ ] Door only
lt Very light

Room 016 – Waiting Area
Room 018 – Receptionist Area
Room 019 – Cultural Resources Office

DATE	LAYER	R016- R017 WALLS 1957*	R016 D021 & D022 DOORS/TRIM 1937	R019 WALLS 1957
	Substrate	plaster	plaster	wood
	1			
	2			
	3			
	4			
	5			
	6			
	7		gray (P)	
1957	8	cream	light yellow- cream	cream
	9			off- white
1975	10	yellow	light cream	yellow
	11			
ca. 1995	12	light cream (2)	white	light cream (2)

No reaction to Na_2S - indicates no lead in paint
P Primer
lt Very light

Room 020 – Office No. 4

DATE	LAYER	WALLS 1937	WALLS 1957	WALLS 1975	D030 TRIM* 1937	WINDOW SASH/TRIM 1937
	Substrate	plaster	plaster	plaster	metal	wood
1937	1	cream- salmon			cream	light cream
	2	light cream				
	3	cream- salmon				
	4	cream- salmon				
	5	white			black	light cream
	6	cream- salmon				
ca. 1947	7	light green				light cream
	8	dull light cream				
1957	9	blue	off- white (P)		lt cream- yellow	light cream
	10	blue	blue			
	11	light cream	light cream- tan			
	12	off- white (2)				
	13	[plaster]				
1975	14	yellow	yellow	yellow	light cream	light cream (2)
	15		lt yellow- cream	lt yellow- cream		
ca. 1995	16	light cream	light cream	light cream	light cream	light cream (2)

No reaction to Na_2S - indicates no lead in paint
P Primer
* Door removed
lt Very light

Room 021 – General Administration Office

DATE	LAYER	EAST WALL* 1937	SOUTH WALL** 1937	DOORS & TRIM 1937	D031/D032 DOORS 1975	DOOR 1993	WINDOW SASH/TRIM 1937
	Substrate	plaster	plaster	metal	metal	plywood	wood
1937	1	cream	[?]	brown			light cream
	2						
	3						
	4						
ca. 1947	5			black- green			light cream
	6	cream- tan	cream- tan	salmon			
	7		light green				light cream
	8						
1957	9		light yellow				light cream
	10						
	11						
	12	off- white	off- white (2)				
	13				gray (P)		
1975	14	yellow	yellow	light cream	white		light yellow
	15						
ca. 1995	16	light cream	light cream	white	white	white	white

No reaction to Na_2S - indicates no lead in paint
P Primer
lt Very light
* Originally part of 1937 corridor
** Originally part of 1937 library

Room 023 – Storage Room

DATE	LAYER	WALLS 1937	CLOSET WALL 1937	DOORS 1937	WINDOW SASH/TRIM 1937
	Substrate	plaster	plaster	metal	wood
1937	1	tan- cream	tan- cream	cream	light cream
	2	light tan- cream	light tan- cream		
	3	light tan- cream		dark brown	
	4				
ca. 1947	5	salmon	salmon	black	lt cream- salmon
	6				
	7				
	8				
1957	9	light cream (2)		light cream	
	10				
	11				
1975	12	light cream (2)	light cream	light cream	light cream
	13				
	14				

No reaction to Na_2S - indicates no lead in paint
lt Very light

Room 101 – Vestibule

DATE	LAYER	LOWER WALL* 1937	UPPER WALL* 1937	WEST WALL 1992	BASEBD MOLDING 1937	CHAIR RAIL 1937	BASEBD/ CH RAIL 1992	D101/D102 D00RS 1937	D101/D102 TRIM** 1937	R013 WINDOW SASH/TRIM
	Substrate	plaster	plaster	plaster	wood	wood	wood	wood	wood	wood
	1					light cream (P)			lt cream (P)	
1937	2	lt salmon	lt salmon		light cream	light salmon		light cream	lt salmon	light cream
	3									
1947	4	lt cream	lt cream			light cream			light cream	light cream
	5					white			light cream	
1955	6	tan	lt cream		light cream	light cream		light cream	light cream	
	7									
	8	lt cream								
1975	9	blue	lt cream-yellow		lt cream-yellow	blue		lt cream-yellow	lt cream-yellow	lt cream-yellow
	10	light blue								
	11	blue	off-white		light cream	light cream		light cream	light cream	
	12									
	13	white	white		pale green	pale green		white	pale green	pale green
1992	14	yellow	yellow	yellow	white	white	white	white	white	white

No reaction to Na_2S – indicates no lead

* Need to confirm upper/lower wall paint scheme

** Little paint on D102 trim

lt Very light

Room 102 – Foyer

DATE	LAYER	UPPER WALL* 1937	WALLS 1992	CHAIR RAIL 1937	BASE-BOARD 1937	BASE-BOARD 1992	D103 DOOR/TRIM 1937	D104/D105** TRIM 1937	D106 DOOR/TRIM 1992
	Substrate	plaster	plaster	wood	wood	wood	wood	wood	wood
	1			light cream (P)					
1937	2	light salmon		light salmon	light cream		light cream	light cream	
	3								
1947	4	light cream		light cream	light cream		light cream	light cream	
	5								
1955	6	light cream							
	7								
	8								
1975	9	light cream		blue	light cream-yellow		light cream	light cream	
	10			white					
	11			blue					
	12	off white							
	13	white	white	pale green	pale green		white (?)	pale green	
1992	14	yellow	yellow	white	white	white (2)	white	white	white

No reaction to Na_2S – indicates no lead

* Need to confirm upper/lower wall paint scheme

** Doors removed

lt Very light

Room 103 and Room 108 – East and West Exhibit Rooms

DATE	LAYER	R103 W. WALL 1937	R103 D104 TRIM* 1937	R108 E. WALL** 1937	R108 D105 TRIM* 1937
	Substrate	plaster	wood	plaster	wood
	1				
1937	2	light cream	light cream	cream	light cream
	3				
1947	4	light cream	light cream	light cream-yellow	light cream
	5				
1955	6	blue	light cream-yellow	tan	light cream-yellow
	7				
	8	light cream			
1975	9	blue	light cream		
	10				
	11	blue			
	12		pale green	pale green	pale green (2)
	13			black	
1992	14	white	white	white	white
1995	15	gray- brown	charcoal gray	light cream-yellow	white

No reaction to Na_2S - indicates no lead in paint
* Doors missing
** Need to confirm two- color paint scheme on walls
lt Very light

Room 104 – Audiovisual Room

DATE	LAYER	SOUTH WALL 1937	BASEBOARD EAST WALL 1975	CHAIR RAIL S. WALL 1937	W106 SASH/TRIM 1937	W106 STOOL 1937
	Substrate	plaster	wood	wood	wood	wood
	1					
1937	2	light cream		light cream	light cream	light cream
	3					
	4	light salmon		light cream		
	5					
ca. 1955	6	light cream		light cream	light cream	light cream
	7					
	8	light cream				light cream
1975	9	blue	blue	blue		
	10					
	11			light cream		
	12			blue (2)		blue
1992	13	white	white	white		light cream
1995	14	char gray	char gray	charcoal gray	charcoal gray	charcoal gray

No reaction to Na_2S - indicates no lead in paint
lt Very light

Room 105 – Office No. 1

DATE	LAYER	WEST WALL* 1937	EAST WALL* 1937	BASE-BOARD 1937	CHAIR RAIL 1937	D103 DOOR/TRIM 1937	D105A DOOR 1975	W105 SASH/TRIM 1937
	Substrate	plaster	plaster	wood	wood	wood	metal	wood
	1							
1937	2	cream	light cream	light cream	light cream	light cream		light cream
	3							
ca. 1947	4	mint green	light cream	black	light cream			
	5							
ca. 1955	6	tan	light cream-yellow	light cream	light cream	light cream		light cream
	8	light cream			light cream			
							off- white (P)	
1975	9	blue	blue	black	light cream-yellow	light cream	gray	
	10				pale green	pale green	pale green	pale green
	11		light blue	light cream				
ca. 1992	12	blue	blue	white	white	white	white	white
	13							
	14							

No reaction to Na_2S – indicates no lead

* May be upper/lower wall treatments as in R101

P Primer

lt Very light

Room 106 – Office No. 2

DATE	LAYER	SOUTH WALL* 1937	WALL/NE CORNER* 1937	WALLS WEST/EAST 1992	BASE-BOARD 1937	CHAIR RAIL 1937	BASEBD/ CHAIR RAIL 1992	D107 DOOR/TRIM 1992	W102 SASH/TRIM 1937
	Sub-strate	plaster	plaster	plaster	wood	wood	wood	metal	wood
	1								light cream
1937	2	light cream	cream		light cream	light cream			
	3								
ca. 1947	4		mint green		light cream	light cream			light cream
	5								
1955	6	light cream	tan		light cream	light cream			light cream
	7								
	8								
1975	9	lt cream-yellow				light cream (yellow)			lt cream-yellow
	10	pale green	pale green						
	11								pale green
1992	12		blue	blue	white	blue			
	13					lt cream (2)			
	14	white	white	white		white	white		white (2)
ca. 1995	15				light cream	light cream	light cream	light cream	light cream

No reaction to Na_2S – indicates no lead

* May be upper/lower wall treatments

lt Very light

Room 107 – Office No. 3

DATE	LAYER	WALLS* 1937	WALLS** 1992	CHAIR RAIL 1937	BASEBD/ CHAIR RAIL 1992	D106 DOOR/TRIM 1992	W101 SASH/TRIM 1937
	Substrate	plaster	wallboard	wood	wood	wood	wood
	1						
1937	2	cream		light cream			light cream
	3						light cream
ca. 1947	4	mint green		light cream			light cream
	5						
ca. 1955	6	tan		light cream			light cream
	7						light cream
	8						
1975	9			light cream-(yellow)			light cream-yellow
	10	pale green		pale green			pale green
	11			light cream (P)			
1992	12	blue (2)		blue (2)			
	13						
ca. 1995	14	white		white (2)	white		white
	15	light cream	light cream	light cream	light cream	light cream	light cream

No reaction to Na_2S – indicates no lead

* May be upper/lower wall treatments

** East and north walls

lt Very light

Room 109a – Southwest Stairway, Ground Story to Auditorium Level

DATE	LAYER	WALL LANDING 1937	BASEBOARD 1937	D109 DOOR AUD. LEVEL 1937	W118 SASH AUD. LEVEL 1937	W118 TRIM AUD. LEVEL 1937
	Substrate	plaster	wood	metal	wood	wood
	1					
1937	2	off- white	salmon- tan (2)	cream	light cream	light cream
	3					
	4					
ca. 1947	5		black	light cream	light cream	
	6					
ca. 1955	7	yellow	yellow	light cream	light cream	light cream
	8			light cream	light cream- yellow (2)	light cream- yellow (2)
	9					
1975	10	blue	blue	light cream		blue
	11		salmon			
	12					
	13		light tan- cream (2)	off- white		
ca. 1992	14	light cream	light tan- cream (2)	white (2)	white (2)	white

No reaction to Na_2S - indicates no lead in paint
lt Very light

Room 109b – Southwest Stairway, Auditorium Level to First Story

DATE	LAYER	WALLS 1937	BASEBOARD 1937	D109 DOOR AUD. LEVEL 1937	D109 TRIM AUD. LEVEL 1937	D110 TRIM* AUD. LEVEL 1937
	Substrate	plaster	wood	metal	wood	wood
	1			gray (P)		
1937	2	cream	light- cream	light cream	light cream	light cream
	3	tan- cream				light cream
	4					
1947	5	tan- gray	black	light cream	light cream	light cream
	6					
ca. 1955	7					light cream
	8					
1975	9	pale green		light cream	light cream	pale green
	10				white	white
	11	blue (2)	light blue	light blue	light blue	light blue
	12					
ca. 1992	13	white	black	white	white	white
	14	yellow				

No reaction to Na_2S - indicates no lead in paint
P Primer
* Double doors leather- covered
lt Very light

Room 109b – Southwest Stairway, Auditorium Level to First Story (con't.)

DATE	LAYER	WALLS 1937	BASEBOARD 1937	CHAIR RAIL 1937	D201 DOOR 1975	W202 SASH/TRIM 1937	BALUSTRADE NEWEL 1937
	Substrate	plaster	wood	wood	metal	wood	metal
	1						orange (P)
1937	2	cream	light cream	light cream		cream	cream
	3						
	4					light cream (2)	light cream
1947	5	tan- gray	light cream	light cream		light cream-yellow	light cream-yellow
	6						
ca. 1955	7		light cream			light cream (2)	light cream
	8				gray (P)		
1975	9	pale green	light cream	pale green	white	pale green	pale green
	10					white	
	11	blue (2)		light blue		light blue	
	12						
ca. 1992	13	white	white	white		white	white
	14	yellow		white			

No reaction to Na_2S - indicates no lead in paint
P Primer
lt Very light

Room 110 – Auditorium, Walls

DATE	LAYER	WEST WALL WEST CORRIDOR 1937	EAST WALL EAST CORRIDOR 1937	WEST WALL AUDITORIUM 1937	E WALL BRACKET 1937	N. WALL STAGE 1937	N. WALL EAST CORRIDOR 1975	SOUTH WALL AUDITORIUM 1975
	Substrate	plaster	plaster	plaster	plaster	plaster	plaster	plaster
1937	1	light cream	cream	cream	light cream	cream		
	2	light cream	light cream	light cream		light cream		
ca. 1947	3	light cream-salmon	light cream-salmon		light cream-salmon	light cream-salmon		
	4		light cream					
	5		light cream					
ca. 1957	6	light cream-yellow	light cream-yellow	light cream-yellow	light cream-yellow	light cream-yellow		
	7							
	8	light cream						
1975	9	blue	blue	blue	blue	blue	blue	blue
	10							
	11							deep blue
	12	white (2)		white (2)	white	white		white
ca. 1992	13	dark gray-blue			dk gray- blue			dark gray- blue
	14							light cream (2)

No reaction to Na_2S – indicates no lead
P Primer
lt Very light

Room 110 – Auditorium, Baseboards and Chair Rails

DATE	LAYER	BASEBD WEST WALL W. CORR 1937	BASEBD AUD. & STAGE 1937	CHAIR RAIL WEST WALL AUD. 1937	CHAIR RAIL EAST/WEST CORRIDORS 1937	CH RAIL N. WALL E. CORR. 1975	CH RAIL S. WALL STAGE 1937	CH RAIL S. WALL AUD. 1937
	Substrate	wood	wood	wood	wood	wood	wood	wood
1937	1	light cream	light cream	light cream			light cream	
	2							
ca. 1947	3		black	light cream-salmon	light cream			
	4				light cream (2)		light cream	
	5		light cream	light cream (2)				
ca. 1955	6	black	black	mint green	light cream (2)		mint green	
	7							
	8						lt cream (P)	lt cream (P)
1975	9		blue	light cream (2)	blue	lt cream (2)	blue	blue
	10			off- white	white	must yellow		
	11		deep blue	blue	blue	blue		deep blue
	12	white (2)	white	white	white (2)	white	white	white
ca. 1992	13	dark gray-blue	dark gray-blue	dark gray-blue	dark gray-blue*		dark gray-blue	dark gray-blue
	14							

No reaction to Na_2S – indicates no lead

* Auditorium only

** West corridor only

P Primer

lt Very light

Room 110 – Auditorium: Doorways and Window

DATE	LAYER	D113 & D114 DOORS/TRIM 1937	D113 & D114 TRIM BASE 1937	D116 DOOR 1975	W109 SASH 1937	W109 TRIM 1937
	Substrate	wood	wood	metal	wood	wood
	1					
1937	2	light cream	light- cream		[?]	light cream
	3					
ca. 1947	4	light cream				light cream- yellow
	5					
ca. 1955	6	light cream	black			light cream
	7					
	8			off- white (P)		
1975	9	light- cream	blue	gray	light cream	
	10					pale green
	11	deep blue	deep blue	deep blue	deep blue	deep blue
	12					
ca. 1992	13	light cream	light cream	light cream	light cream	light cream
	14					

No reaction to Na_2S - indicates no lead in paint
lt Very light

Room 115 – Northwest Stairway

DATE	LAYER	WALLS 1937	BASEBOARD MOLDING 1937	CHAIR RAIL 1ST FLIGHT 1937	CHAIR RAIL 2ND FLIGHT/ AUDITORIUM 1937	NEWEL 1937	D112* & D119 TRIM 1937	D119 DOOR 1937
	Substrate	plaster	wood	wood	wood	metal	wood/metal	metal
	1							gray (P)
1937	2	light cream	light cream	light cream	light cream	light cream	light cream	light cream
	3							
ca. 1947	4	light cream		light cream	light cream	light cream	light cream	light cream
	5				light cream			
ca. 1955	6	light cream	light cream	light cream	light cream (2)	light cream (2)	light cream	light cream
	7							
1975	8	light cream			blue		light cream	light cream
	9	light cream			light cream	light cream	light cream	light cream
	10	pale green	pale green	pale green	pale green	pale green	pale green	pale green
	11	pale blue	pale blue	pale blue	pale blue	pale blue	pale blue	pale blue
	12							
	13							
ca. 1995	14	light cream	light cream	gray- brown	gray- brown	gray- brown	gray- brown	light cream

No reaction to Na_2S - indicates no lead in paint
P Primer
* Double doors leather- covered; D112 trim is wood, D119 trim is metal
lt Very light

Room 116 – West Dressing Room

DATE	LAYER	FLOOR 1937	WALLS 1937	D113 DOORS 1937	D113 TRIM D119 DOOR/TRIM 1937	W110 SASH 1937	W110 TRIM 1937
	Substrate	concrete	plaster	wood	metal	wood	wood
	1				gray (P)		
1937	2	off- white	cream	light cream	light cream	light cream	light cream
	3	gray					
	4						
	5						
ca. 1955	6	gray	light cream-salmon	light cream-salmon	light cream		light cream
	7						
1975	8		blue	light cream	light cream	light cream	light cream
	9						
	10			pale green	pale green	pale green	pale green
	11						
ca. 1992	12						
	13						
	14						

No reaction to Na_2S - indicates no lead in paint
P Primer
lt Very light

Room 118 – Northeast Stairway

DATE	LAYER	WEST WALL 1937	EAST WALL 1975	WEST WALL CHAIR RAIL 1937	D120 DOOR* 1937	D120 TRIM 1937
	Substrate	plaster	plaster	wood	metal	metal
	1					gray
1937	2	light cream		light cream	cream	light cream
	3				brown	R
ca. 1947	4	light cream		light cream	black	light cream
	5					
ca. 1955	6	light cream		light cream	light cream	light cream
	7	off- white		off- white	light cream	light cream
1975	8	blue	blue	blue	light cream	blue
	9	light cream		light cream	light cream	white
	10					
ca. 1992	11					
	12					

No reaction to Na_2S - indicates no lead in paint
P Primer
* Moved from R112 in 1975?
R Resinous layer
lt Very light

Room 119 – Library Vestibule
Room 120 – Library Reading Room
Room 121 – Library Stacks
Room 204 – Library Mezzanine

DATE	LAYER	R119 WALLS 1957	R119 - D111 DOOR 1957	R120 N. WALL 1937	R120 EAST WALL/ E. SECTION 1957	R121 S. WALL 1957	R204 WALLS 1957	R204 CORNICE 1957
	Substrate	plaster	metal	plaster	plaster	plaster	plaster	plaster
	1							
1937	2							
	3		gray (P)					
1957	4	orange-salmon	orange-salmon	orange-salmon	orange-salmon	orange-salmon	orange- salmon	light cream
	5				salmon		light salmon (2)	light salmon
1975	6							
	7						light salmon (2)	
	8	pale green	pale green	pale green			pale green	pale green
	9	pale blue	pale blue					
ca. 1992	10	light cream (2)	light cream		light cream	light cream		
	11							
	12							

No reaction to Na_2S - indicates no lead in paint
P Primer
* Moved from R112 in 1975?
R Resinous layer
lt Very light

Room 122 - Library Stairway

DATE	LAYER	EAST WALL LOWER FLIGHT 1957	NORTH WALL GROUND LEVEL 1957	EAST WALL UPPER FLIGHT 1957	D028 PLYWOOD OVER GATE 1957
	Substrate	plaster	plaster	plaster	plywood
1937	1				
	2				
	3				
1957	7	cream	cream	orange- salmon	
	8	light yellow			
	9	light salmon	light salmon	light salmon (2)	
	10	white		off- white	
	11	white			
1975	12	light yellow	light yellow		
	13				
ca. 1992	14				white

No reaction to Na_2S - indicates no lead in paint
lt Very light

Room 201 – Curator's Room

DATE	LAYER	WALLS SOFFIT 1937	CORNICE 1937	BASEBOARD 1975 (?)	CHAIR RAIL 1937	DOORS/ TRIM 1975
	Substrate	plaster	wood	wood	wood	metal
	1				light cream (P)	
1937	2	cream- salmon	cream		cream	
	3					R
	4	light cream				
	5					
1955	6	light green	light cream- yellow		light cream- yellow	
	7	off- white			light cream	
1975	8	light blue	light cream	black	light- cream	gray (P)
	9	light cream- yellow				light cream
	10					
ca. 1995	11	light cream (2)	white	light cream	white (2)	white
	12					

No reaction to Na_2S - indicates no lead in paint
P Primer
lt Very light

Room 203 – Mechanical Room

DATE	LAYER	WALLS 1937	WALLS 1975	WALL MOLDING 1937	CORNICE 1937	CORNICE REPAIR 1975
	Substrate	plaster	plaster	plaster	plaster	plaster
	1					
1937	2	cream		cream	cream	
	3	light cream		light cream	light cream	
ca. 1947	4	light cream- salmon		light cream- salmon	light cream- salmon	
	5			light cream		
ca. 1955	6	light cream- yellow		light cream- yellow	light cream- yellow	
	7					
1975	8	light cream- yellow	light cream- yellow	light cream- yellow	light cream- yellow	light cream- yellow
	9					
	10					
ca. 1995	11					
	12					

No reaction to Na_2S - indicates no lead in paint
lt Very light

APPENDIX G

1933 ENABLING LEGISLATION AND AMENDMENTS

MORRISTOWN NATIONAL HISTORICAL PARK

The March 2, 1933, enabling legislation for Morristown National Historical Park is cited as United States General Statutes PL 72- 182, Section 409. That legislation and its subsequent amendments are found in the United States Code as Title 16, Chapter 1, Subchapter LIII, Section 409.

Photocopies of both citations are reprinted on the following pages.

[CHAPTER 182.]

AN ACT

To provide for the creation of the Morristown National Historical Park in the State of New Jersey, and for other purposes.

March 2, 1933.
[S. 5469.]
[Public, No. 409.]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That when title to all the lands, structures, and other property in the military camp-ground areas and other areas of Revolutionary War interest at and in the vicinity of Morristown, New Jersey, as shall be designated by the Secretary of the Interior, in the exercise of his discretion, as necessary or desirable for national-park purposes, shall have been vested in the United States, such areas shall be, and they are hereby, established, dedicated, and set apart as a public park for the benefit and enjoyment of the people and shall be known as the Morristown National Historical Park: *Provided*, That the United States shall not purchase by appropriation of public moneys any lands within the aforesaid areas, but such lands shall be secured by the United States only by public or private donation: *And provided further*, That such areas shall include, at least, Jockey Hollow camp site, now owned by Lloyd W. Smith and the town of Morristown, Fort Nonsense, now owned by the town of Morristown, and the George Washington Headquarters, known as the Ford House, with its museum and other personal effects and its grounds, now owned by the Washington Association of New Jersey.

Morristown National Historical Park, N. J. Establishment, when lands therefor vest in the United States.

Provisos.
Lands to be secured by donation only.

Areas, etc., to be included.

SEC. 2. The Secretary of the Interior is hereby authorized to accept donations of land, interests in land, buildings, structures, and other property within the boundaries of said park as determined and fixed hereunder and donations of funds for the purchase and/or maintenance thereof, the title and evidence of title to lands purchased to be satisfactory to the Secretary of the Interior: *Provided*, That the Secretary of the Interior is authorized, in his discretion, to accept on behalf of the United States other lands, easements, and buildings of Revolutionary War interest in Morris and adjacent counties in New Jersey as may be donated for the extension of the Morristown National Historical Park.

Acceptance of titles to lands, etc.

Proviso.
Acquisitions for extensions.

Maintenance of museum, etc.

SEC. 3. After the acquisition of the museum and other personal effects of the said Washington Association by the United States, including such other manuscripts, books, paintings, and other relics of historical value pertaining to George Washington and the Revolutionary War as may be donated to the United States, such museum and library shall forever be maintained as a part of said Morristown National Historical Park.

Board of advisers. Duties, meetings, etc.

SEC. 4. The Washington Association of New Jersey, Lloyd W. Smith, and the town of Morristown having, by their patriotic and active interest in conserving for posterity these important historical areas and objects, the board of trustees and the executive committee of the said association, together with Mrs. Willard W. Cutler, its curator, and Clyde Potts, at present mayor of Morristown, shall hereafter act as a board of advisers in the maintenance of said park. The said association shall have the right to hold its meetings in said Ford House.

Washington Association, employees. Services, in park administration, etc.

SEC. 5. Employees of the said Washington Association, who have been heretofore charged with the care and development of the said Ford House and its museum and other effects, may, in the discretion of the Secretary of the Interior, hereafter be employed by the National Park Service in the administration, protection, and development of the said park without regard to the laws of the United States applicable to the employment and compensation of officers and employees of the United States.

Supervision by National Park Service.

SEC. 6. The administration, protection, and development of aforesaid national historical park shall be exercised under the direction of the Secretary of the Interior by the National Park Service, subject to the provisions of the Act of August 25, 1916, entitled "An Act to establish a National Park Service, and for other purposes," as amended (U. S. C., title 16, secs. 1-4): *Provided*, That no appropriation of Federal funds for administration, protection, and maintenance of said park in excess of $7,500 annually shall be made for the fiscal years 1934, 1935, 1936.

Vol. 39, p. 535. U. S. C., p. 199.

Proviso. Limitation on Federal funds.

Jurisdiction of State not impaired.

SEC. 7. Nothing in this Act shall be held to deprive the State of New Jersey, or any political subdivision thereof, of its civil and criminal jurisdiction in and over the areas included in said national historical park, nor shall this Act in any way impair or affect the rights of citizenship of any resident therein; and save and except as the consent of the State of New Jersey may be hereafter given, the legislative authority of said State in and over all areas included within such national historical park shall not be diminished or affected by the creation of said park, nor by any terms and provisions of this Act.

Approved, March 2, 1933.

[CHAPTER 183.]

AN ACT

March 2, 1933. [S. 5022.] [Public, No. 410.]

Providing for an alternate budget for the Indian Service, fiscal year 1935.

Indian Service. Alternate budget, fiscal year 1935, to be submitted.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in addition to the estimates of appropriations for the Bureau of Indian Affairs transmitted in the Budget for the fiscal year 1935 in the customary order and arrangement, there shall be submitted for the consideration of Congress an alternate arrangement of such estimates with a view to simplification and clarity of presentation and consideration thereof.

Approved, March 2, 1933.

Sec. 409. - Establishment; acquisition of land

When title to all the lands, structures, and other property in the military camp-ground areas and other areas of Revolutionary War interest at and in the vicinity of Morristown, New Jersey, as shall be designated by the Secretary of the Interior, in the exercise of his discretion, as necessary or desirable for national-park purposes, shall have been vested in the United States, such areas shall be, and they are, established, dedicated, and set apart as a public park for the benefit and enjoyment of the people and shall be known as the Morristown National Historical Park: Provided, That the United States shall not purchase by appropriation of public moneys any lands within the aforesaid areas, but such lands shall be secured by the United States only by public or private donation: And provided further, That such areas shall include, at least, Jockey Hollow camp site, now owned by Lloyd W. Smith and the town of Morristown, Fort Nonsense, now owned by the town of Morristown, and the George Washington Headquarters, known as the Ford House, with its museum and other personal effects and its grounds, now owned by the Washington Association of New Jersey

Sec. 409a. - Acceptance of title to lands

The Secretary of the Interior is authorized to accept donations of land, interest in land, buildings, structures, and other property within the boundaries of said park as determined and fixed hereunder and donations of funds for the purchase and/or maintenance thereof, the title and evidence of title to lands purchased to be satisfactory to the Secretary of the Interior: Provided, That the Secretary of the Interior is authorized, in his discretion, to accept on behalf of the United States other lands, easements, and buildings of Revolutionary War interest in Morris and adjacent counties in New Jersey as may be donated for the extension of the Morristown National Historical Park

Sec. 409b. - George Washington headquarters; maintenance

After the acquisition of the museum and other personal effects of the said Washington Association by the United States, including such other manuscripts, books, paintings, and other relics of historical value pertaining to George Washington and the Revolutionary War as may be donated to the United States, such museum and library shall forever be maintained as a part of said Morristown National Historical Park

Sec. 409c. - Board of advisers

The Washington Association of New Jersey, Lloyd W. Smith, and the town of Morristown having, by their patriotic and active interest in conserving for posterity these important historical areas and objects, the board of trustees and the executive committee of the said association, together with Mrs. Willard W. Cutler, its curator, and Clyde Potts, at present mayor of Morristown, shall hereafter act as a board of advisers in the maintenance of said park. The said association shall have the right to hold its meetings in said Ford House

Sec. 409d. - Employees of Washington Association of New Jersey

Employees of the said Washington Association, who were, prior to March 2, 1933, charged with the care and development of the said Ford House and its museum and other effects, may, in the discretion of the Secretary of the Interior, hereafter be employed by the National Park Service in the administration, protection, and development of the said park without regard to the laws of the United States applicable to the employment and compensation of officers and employees of the United States

Sec. 409e. - Administration, protection, and development

The administration, protection, and development of aforesaid national historical park shall be exercised under the direction of the Secretary of the Interior by the National Park Service, subject to the provisions of sections 1, 2, 3, and 4 of this title, as amended

Sec. 409f. - Jurisdiction of New Jersey in civil, criminal and legislative matters retained; citizenship unaffected

Nothing in this subchapter shall be held to deprive the State of New Jersey, or any political subdivision thereof, of its civil and criminal jurisdiction in and over the areas included in said national historical park, nor shall this subchapter in any way impair or affect the rights of citizenship of any resident therein; and save and except as the consent of the State of New Jersey may be hereafter given, the legislative authority of said State in and over all areas included within such national historical park shall not be diminished or affected by the creation of said park, nor by any terms and provisions of this subchapter

Sec. 409g. - Additional lands

In order to preserve for the benefit and inspiration of the public certain lands historically associated with the winter encampment of General George Washington's Continental Army at Jockey Hollow in 1779 and 1780, and to facilitate the administration and interpretation of the Morristown National Historical Park, the Secretary of the Interior is authorized to procure by purchase, donation, purchase with appropriated funds, or otherwise, not to exceed 615 acres of land and interests therein which 615 acres shall include Stark's Brigade campsite and other lands necessary for the proper administration and interpretation of the Morristown National Historical Park: Provided, That title to the property known as the Cross estate may not be accepted until the property is vacant

Notes on Sec. 409g.

SOURCE

Pub. L. 88-601, Sec. 1, Sept. 18, 1964, 78 Stat. 957
Pub. L. 93-477, title III, Sec. 301(6), Oct. 26, 1974, 88 Stat. 1447
Pub. L. 94-578, title III, Sec. 315, Oct. 21, 1976, 90 Stat. 2737
Pub. L. 102-118, Sec. 1, Oct. 4, 1991, 105 Stat. 586.

CODIFICATION

Section was not enacted as a part of act Mar. 2, 1933, ch. 182, 47 Stat. 1421, as amended, which comprises this subchapter

AMENDMENTS

1991 - Pub. L. 102-118 substituted "615 acres" for "600 acres" in two places. 1976 - Pub. L. 94-578 substituted "600 acres" for "465 acres" in two places. 1974 - Pub. L. 93-477 substituted "465 acres" for "two hundred and eighty-one acres" in two places and inserted proviso relating to property known as the Cross estate.

Sec. 409h. - Administration of additional lands

Lands acquired pursuant to this section and section 409g of this title, unless exchanged pursuant to section 409g of this title, shall constitute a part of the Morristown National Historical Park, and be administered in accordance with the laws and regulations applicable to such park

Notes on Sec. 409h.

SOURCE
Pub. L. 88-601, Sec. 2, Sept. 18, 1964, 78 Stat. 957.

CODIFICATION

Section was not enacted as part of act Mar. 2, 1933, ch. 182, 47 Stat. 1421, as amended, which comprises this subchapter

Sec. 409i. - Acquisition of Warren Property for Morristown National Historical Park

(a)

In addition to any other lands or interest authorized to be acquired for inclusion in Morristown National Historical Park, and notwithstanding the first proviso of section 409 of this title, the Secretary of the Interior may acquire by purchase, donation, purchase with appropriated funds, or otherwise, not to exceed 15 acres of land and interests therein comprising the property known as the Warren Property or Mount Kimble. The Secretary may expend such sums as may be necessary such acquisition.

(b)

Any lands or interests acquired under this section shall be included in and administered as part of the Morristown National Historical Park

Notes on Sec. 409i.

SOURCE
Mar. 2, 1933, ch. 182, Sec. 8, as added Pub. L. 105-355, title V, Sec. 508, Nov. 6, 1998, 112 Stat. 3264.

National Park Service
U.S.Department of the Interior

Historic Architecture Program
Northeast Region
Boott Cotton Mills Museum, 4th Floor
115 John Street
Lowell, MA 01852