Guide to the Thomas F. Rowland Collection, 1861-1910
MS0376

The Mariners' Museum Library
at
Christopher Newport University

Contact Information:
The Mariners' Museum Library
100 Museum Drive
Newport News, VA 23606
Phone: (757) 591-7782
Fax: (757) 591-7310
Email: library@MarinersMuseum.org
URL: www.MarinersMuseum.org/library

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DESCRIPTIVE SUMMARY

Repository: The Mariners’ Museum Library
Title: Thomas F. Rowland Collection
Inclusive Dates: 1861-1910
Bulk Dates: 1861-1862
Catalog number: MS0376
Physical Characteristics: 58 items, including envelopes, a photograph album, patents, ships plans, transcript of a contract and the original contract, block plans, blueprints (reprographic copies)
Language: English
Creators: Rowland, Thomas F., 1831-1907, Continental Works (Brooklyn, N.Y.), Continental Iron Works

BIOGRAPHICAL SKETCH

Thomas Fitch Rowland was born in New Haven, Connecticut on March 15, 1831. From 1848 to 1850 he worked as an engineer and fireman for the New Haven and New York Railroad. Subsequently, Rowland accepted a position as second assistant engineer on the steamboat Connecticut. Rowland worked as a draughtsman for the Allaire Works in New York City, from 1851 to 1853, and from 1853 to 1857 he was the superintendent of the Atlantic Dock Iron Works in Brooklyn, New York.

In 1859, Rowland established the Continental Works at Green Point (now Brooklyn), New York. The Continental Works was the successor to Samuel Sneden & Company, which was owned in partnership by Sneden and his talented young engineer Rowland. In less than a year after its formation, the partnership was dissolved and Rowland acquired the plant and business. When the Civil War began, Rowland’s company was engaged by John Ericsson to build a shot-proof steam battery which Ericsson would later name Monitor. Construction of the ironclad began in October 1861 and the Monitor was launched on January 30, 1862. During the course of the Civil War, the Continental Works built seven more ironclad turret ships for the U.S. Navy including Passaic and Montauk.

After the war, the works were engaged in building several other vessels, including ferryboats for the Union Ferry Company. However, the general decline of shipbuilding in New York after the Civil War led the company to diversify into other types of iron works for which the plant was adapted.

In 1887 the business was incorporated as the Continental Iron Works, with Thomas F. Rowland as president and Warren E. Hill, who had for some years associated with Mr. Rowland, as vice-president of the company. The company made a specialty of building and installing municipal gas works, which work it did for cities and towns in all the eastern part of the country. Rowland ran Continental Iron Works until his death on December 13, 1907, in New York City.
SCOPE AND CONTENT
This collection is composed of materials primarily pertaining to the construction of the US Steam Battery Monitor at Continental Works in Green Point, New York.

Comprising the majority of the Thomas F. Rowland Collection are 47 original ink-on-linen drawings of the Monitor. The purpose of these drawings varies, as do the method of representation, the point of view, and the level of detail. General plans such as deck plans, profiles and sectional views are included, as are more detailed plans for riveting arrangements, gun carriages and the propeller wheel. In addition to these items, there are five drawings that do not pertain specifically to the Monitor. These include a drawing of deck plates of the ironclad Catskill, a general plan of the CSS Virginia, two site plans for the layout of the Continental Works, and a plan of the city of New Haven, CT.

Also included in the collection are two contracts outlining the financing and construction of the Monitor; a sheet of notes on Continental Iron Works stationary; an 1863 patent for a drilling bolt holes in turrets; and a 1903 photographic album depicting individuals and Continental Iron Works facilities associated with the construction of Monitor.

The collection is organized into 3 series: Photograph Album; Papers; and Plans. They are arranged by material type.

ADMINISTRATIVE INFORMATION

Accession Number
A2005.42

Accession Date
2005

Restrictions
The collection is open to all researchers.

Publication Rights
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Preferred Citation
Thomas F. Rowland Collection, 1861-1910, MS0376, The Mariners’ Museum Library

Other Finding Aids
Full records and electronic reproductions of the original photographs in this collection can be found in Museum’s photograph database.

Full records and electronic reproductions of the 3-dimensional items in this collection can be found in Museum’s collections database.
Acquisition Information
Through the generosity of the Bronze Door Society, the Mariners’ Museum acquired the Thomas F. Rowland Collection directly from his descendents, who had maintained the materials since Rowland’s death.

Note to Users
Due to the fragile and rare nature of the collection, researchers are requested to handle the materials with caution and in accordance with prescribed archival practices. When using these materials, please preserve the original order of the collection.

RELATED MATERIALS
Oil paintings of Ruth and George Rowland, as well as 5 prints, are currently managed and stored by the Collections Management department of the Museum. They have been separately accessioned. Patrons should search for accession numbers 2005.0033.00001 through 00007.

The Library maintains several archival collections related to Thomas F. Rowland, Continental Works and Continental Iron Works: Warren E. Hill Specifications Book and Plans, MS0423; Battery Associates Records on Monitor Design and Construction, MS0335; Continental Works Checks, MS0351; and the Elwin Eldredge Collection on John H. Morrison, MS0006. One additional collection, the NARA USS Monitor Collection (MS0341), contains photocopies of select correspondence from the holdings of the National Archives and Records Administration (NARA) pertaining to the building and construction of US Steam Battery Monitor.

SERIES DESCRIPTION
Series 1: Photograph Album, 1903
Organized into 1 folder, arranged according to original order. This series contains an unbound photograph album entitled “Illustrations of Old Time Scenes and Some ‘Old Timers.’ Presented with Compliments of Thomas Fitch Rowland to George W. Quintard, Esq. Christmas 1903.” George W. Quintard was a naval architect who worked closely with Rowland on the construction of ironclad turret ships at Continental Works. The album primarily features images of individuals and places connected with the construction of Monitor and subsequent ironclads. It also features images of other engineering projects which Rowland’s company completed, such as the ferries Fulton and Farragut as well as the Croton Aqueduct spanning New York’s Harlem River.

Series 2: Papers, 1861-1908
Organized into folders, arranged in alphabetical order according to material-type. The series is comprised of two contracts, envelopes, a data sheet, and a patent.

Series 3: Plans, 1861-undated
Organized into 2 sub-series: Monitor Plans; Other Plans. Arranged by subject. This series consists of 51 plans from Continental Works.

Series 3.1: Monitor Plans, 1861-1862

**Series 3.2: Other Plans, undated**
Organized into folders and boxes. Arranged by material type. The material consists of site plans for Continental Works; plans for the deck armor of another single-turret Passaic-class ironclad, USS Catskill, or Kaatskill; a longitudinal section and plan view for CSS Virginia; and a city plan of New Haven, CT, the birthplace of T.F. Rowland.

**Restrictions**
Access to the plans of Catskill, Virginia and New Haven, CT in Series 3.2, stored in the Collections Management department of the Museum, is restricted. Researchers must contact Archives staff with a request for consultation of the plans no later than 48 hours prior to their arrival.

**FILE GUIDE**

**BOX 1**

PHOTOGRAPH ALBUM; PAPERS

**Folder 1**
Finding Aid

**Folder 2**
Background File

**SERIES 1:** Photograph Album

**Folder 3**
Album, December 1903
Title Page [MS376.01.03.01]

George W. Quintard [Photograph of engraving, MS376.01.03.02]

Thomas F. Rowland [MS376.01.03.03]

Alpha and Omega: Engineers-in-Chief, U.S. Navy Department, 1845-1903 [MS376.01.03.04]

Captain John Ericsson [Photograph of engraving, MS376.01.03.05]

John A. Griswold [Photograph of engraving, MS376.01.03.06.1]

John F. Winslow [Photograph of engraving, MS376.01.03.06.2]

John Lenthall, Esq., The Naval Contractor” [MS376.01.03.07]

Rear Admiral Gregory [MS376.01.03.08]

John L. Worden [MS376.01.03.09]

USS Monitor Plans [MS376.01.03.10]
U.S. Iron Clad War Vessel *Puritan* [MS376.01.03.11.1]

Constructing the *Kaatskill* and commencing the *Onondaga* Building by Thomas F. Rowland [MS376.01.03.11.2]

Continental Iron Works, Green Point, Brooklyn [Photograph of a lithograph, MS376.01.03.12.1]

Building Ferryboats *Fulton* and *Farragut*, Engines by George W. Quintard, Esq. [MS376.01.03.12.2]

Lieutenant Worden Taking Command of the *Monitor* at the Brooklyn Navy Yard [Photograph of a drawing, MS376.01.03.13.1]

The Ericsson *Monitor* and the *Merrimac*, engaged off Fortress Monroe, March 9th, 1862 [Photograph of a painting, MS376.01.03.13.2]

“Thomas F. Rowland built Ericsson’s Original *Monitor* in this shiphouse, and subsequently, Ericsson’s Monitor *Passaic*.” [Photograph shows the monitors *Passaic* and *Montauk* under construction, MS376.01.03.14]

The Ironclad Double Turreted Monitor *Onondaga*, under way at sea [Photograph of painting, MS376.01.03.15]

Captain John Maginn, An Old Time Pilot [MS376.01.03.16]

Erecting the Wrought Iron Tube on the ‘High Bridge’ to Connect the Croton Aqueduct at Harlem River [MS376.01.03.17]

Installing the Wrought Iron Pipe, 7½ ft. internal diameter and about one-quarter mile long, connecting The Croton Aqueduct upon each side of the Harlem River. Undertaking accomplished by T.F. Rowland, Constructing Engineer, 1859-1860 [MS376.01.03.18]

**SERIES 2:** *Papers*

**Folder 4**

Contract, undated typescript

October 4, 1861: Washington, DC. USS *Monitor*

Five-page, typescript of the original contract in Folder 5 detailing the terms for construction of the *Monitor* and formalizing the U.S. Navy’s commitment to build John Ericsson’s “battery.” This document outlines *Monitor*’s dimensions; specifications of her masts, rigging, sails, speed and condenser; associated costs and payment process; and construction schedule. The named parties are John Ericsson, John F. Winslow, John A. Griswold and, on behalf of the US Navy, Gideon Welles. [MS376.01.04.01]
Envelope, Undated
[Undated]: Continental Iron Works, Green Point, New York
The envelope was used to house the typescript contract to construct the Monitor. [MS376.01.04.02]

Folder 5
Contract, October 1861
October 25, 1861: Green Point, New York, USS Monitor
Three-page, handwritten contract concerning the construction of Monitor. The contract states that the Monitor will be built at Continental Iron Works in Green Point, New York; specifies that Continental Iron Works will provide tools, facilities, and labor to build the hull and assemble Monitor; and outlines payment amounts and schedules. It also indicates that John Ericsson can demand that more workers be hired if he is not happy with the pace of construction and make alterations to Monitor’s design at any point in the construction process. The signing parties are John Ericsson, John F. Winslow, John A. Griswold and, on behalf of Continental Iron Works, Thomas F. Rowland. [MS376.01.05.01]

Envelope, Undated
[Undated]: Continental Iron Works, Green Point, New York
The envelope was used to house the original contract between T.F. Rowland and John Ericsson. [MS376.01.05.02]

Envelope, Undated
[Undated]: Guaranty Safe Deposit Company, New York
The envelope was used to house the original contract between T.F. Rowland and John Ericsson. [MS376.01.05.03]

Folder 6
Data Sheet, March 1908
March 13, 1908: Continental Iron Works, New York
One-page, hand-written document on Continental Iron Works letterhead noting significant dates in Monitor’s construction as well as certain dimensions and thickness of armor plates. [MS376.01.06.01]

SERIES 2: Papers [Oversize]

FILE DRAWER A31:B15
Folder 1
Patent, May 1863
May 13, 1863: Washington, DC
Four-page document, patent number 38,605, issued to Thomas Rowland for “improvement in drilling bolt holes in turrets of gun boats.” Includes an ink-on-linen drawing of the technique and is accompanied by Rowland’s handwritten explanation. [MS376.01.07.01]

SERIES 3.1: Monitor Plans
FILE DRAWER A31:B15
Folder 2 General Plans and Arrangements

Ericsson's Battery
Date: October 1861
Medium: Black and colored ink on linen
Size: 11½ in. x 33 in.
Scale: 3/16 in. = 1 ft.
Peterkin file number: 12
[MS376.23]

Original Monitor
Date: October 7, 1861
Medium: Black and colored ink on linen
Size: 18 in. x 35 in.
Scale: 3/16 in. = 1 ft.
Peterkin file number: 9
[MS376.44]

Original Monitor
Date: October 7, 1861
Medium: Black and colored ink on linen
Size: 17½ in. x 35 1/8 in.
Scale: 3/16 in. = 1 ft.
Peterkin file number: 10
[MS376.45]

FILE DRAWER A43:B1
Folder 1 General Plans and Arrangements

Untitled, [Framing plan and inboard profile]
Date: October 1861
Medium: Black and colored ink on linen
Size: 13 in. x 32 3/8 in.
Scale: 3/16 in. = 1 ft.
Peterkin file number: 11
[MS376.46]

Capt. John Ericsson's U.S. Iron Clad Steamer Monitor,
General Plan Date: January 1862
Medium: Black and colored ink on linen
Size: 15 3/8 in. x 48 in.
Scale: 3/16 in. = 1 ft.
Peterkin file number: 16
[MS376.47]
FILE DRAWER A31:B15

Folder 3  Main Engine, Shafting and Propeller

Propeller Wheel, Ericsson Battery Monitor, Continental Irons Works, Green Point
Date: [October 1861]
Medium: Black and colored ink on linen
Size: 10 3/8 in. x 14 7/8 in.
Scale: 1 in. = 1 ft.
Peterkin file number: 131
[MS376.18]

Propeller Wheel, Ericsson Battery Monitor, Continental Irons Works, Green Point
Date: [October 1861]
Medium: Black and colored ink on linen
Size: 11¾ in. x 15¼ in.
Scale: 1 in. = 1 ft.
Peterkin file number: 132
[MS376.19]

Folder 4  Ordnance

Ericsson Battery, Frames, Gun Carriage
Date: [October 1861]
Medium: Black and colored ink on linen
Size: 8¼ in. x 34¾ in.
Scale: 3 in. = 1 ft.
Peterkin file number: 189
[MS376.42]

Ericsson Battery, Frames, Gun Carriage
Date: [October 1861]
Medium: Black and colored ink on linen
Size: 8¼ in. x 34¾ in.
Scale: 3 in. = 1 ft.
Peterkin file number: 190
[MS376.43]

Folder 5  Stern Arrangements, Main Deck, Armor and Anchor Well

Untitled, [Deck light locations]
Date: December 1861
Medium: Black and colored ink on linen
Size: 8 in. x 18 in.
Untitled, [Deck light locations]
Date: December 1861
Medium: Black and colored ink on linen
Size: 8¼ in. x 18 in.
Scale: None listed
Peterkin file number: 96
[MS376.14]

Position of Rivets in Well Hole Cover of Capt. Ericsson’s Battery
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 13¾ in. x 12½ in.
Scale: None listed
Peterkin file number: 97
[MS376.15]

Position of Rivets in Well Hole Cover of Capt. Ericsson’s Battery
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 15½ in. x 13 in.
Scale: None listed
Peterkin file number: 98
[MS376.16]

Battery – rudder stern braces & etc., December 1861
Date: December 1861
Medium: Black and colored ink on linen
Size: 15 in. x 35 in.
Scale: 1 in. = 1 ft.
Peterkin file number: 89
[MS376.39]

Ericsson Battery, Plate Box Over Propeller
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 23½ in. x 17¾ in.
Scale: 1½ in. = 1 ft.
Peterkin file number: 94
[MS376.40]

Ericsson Battery, Plate Box Over Propeller
Date: [December 1861]
Medium: Black and colored ink on linen
FILE DRAWER A43:B1
Folder 1  Stern Arrangements, Main Deck, Armor and Anchor Well

The Ericsson Battery, Plate Box Over Propeller, December 1861 (est.)
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 11 1/8 in. x 43 3/8 in.
Scale: 1 in. = 1 ft.
Peterkin file number: 93
[MS376.48]

The Ericsson Battery, Plate Box Over Propeller
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 11½ in. x 41¼ in.
Scale: 1 in. = 1 ft.
Peterkin file number: 92
[MS376.49]

FILE DRAWER A31:B15
Folder 6  Traverse Sections and Bulkheads, File 1 of 5

Ericsson Battery, Bulwark
Date: [October 1861]
Medium: Black and colored ink on linen
Size: 11½ in. x 15½ in.
Scale: 1½ in. = 1 ft.
Peterkin file number: 66
[MS376.01]

Ericsson Battery, Bulwark
Date: [October 1861]
Medium: Black and colored ink on linen
Size: 12 in. x 15 7/8 in.
Scale: 1½ in. = 1 ft.
Peterkin file number: 67
[MS376.02]

Untitled, [Bulwark and armor construction at bow and stern]
Date: December 3, 1861
Medium: Black and colored ink on linen
Size: 14 ¾ in. x 18 in.
Scale: 1½ in. = 1 ft.
Peterkin file number: 74
[MS376.03]

Untitled, [Bulwark and armor construction at bow and stern]
Date: December 3, 1861
Medium: Black and colored ink on linen
Size: 15¼ in. x 18½ in.
Scale: 1½ in. = 1 ft.
Peterkin file number: 75
[MS376.04]

Untitled, [Anchor well and boatswain’s lockers]
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 11¼ in. x 12¼ in.
Scale: None listed
Peterkin file number: 76
[MS376.05]

Folder 7  Traverse Sections and Bulkheads, File 2 of 5

Engine Bulkheads of the Ericsson Monitor
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 10½ in. x 23 5/8 in.
Scale: ¾ in. = 1 ft.
Peterkin file number: 77
[MS376.06]

Engine Bulkheads of the Ericsson Monitor
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 10½ in. x 23 5/8 in.
Scale: ¾ in. = 1 ft.
Peterkin file number: 78
[MS376.07]

Untitled, [Engine bulkheads and keelsons]
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 14 in. x 22¾ in.
Scale: ¾ in. = 1 ft.
Peterkin file number: 79
Untitled, [Engine bulkheads and keelsons]
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 13¼ in. x 22½ in.
Scale: No scale listed
Peterkin file number: 80

Ericsson battery – aft bulkhead and coal bunkers
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 13 5/8 in. x 18 in.
Scale: 3/8 in. = 1 ft.
Peterkin file number: 84

Ericsson Battery, Aft Bulkhead and Coal Bunkers
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 12½ in. x 17½ in.
Scale: 3/8 in. = 1 ft.
Peterkin file number: 85

Folder 8  Traverse Sections and Bulkheads, File 3 of 5

Truss frames
Date: December 3, 1861
Medium: Black and colored ink on linen
Size: 12¼ in. x 11¾ in.
Scale: 3/8 in. = 1 ft.
Peterkin file number: 86

Truss frames
Date: December 3, 1861
Medium: Black and colored ink on linen
Size: 13 7/8 in. x 12¾ in.
Scale: 3/8 in. = 1 ft.
Peterkin file number: 87

U.S. Iron Clad Steamer, Monitor, Transverse Section Through Turret
Date: 1862
U.S. Iron Clad Steamer, Monitor, Transverse Section Through Turret  
Date: 1862  
Medium: Black and colored ink on linen  
Size: 14¼ in. x 24½ in.  
Scale: ½ in. = 1 ft.  
Peterkin file number: 46  
[MS376.25]

The Ericsson Battery, Main Bulkhead Forward Side  
Date: [October 15, 1861]  
Medium: Black and colored ink on linen  
Size: 18½ in. x 28 in.  
Scale: 1 in. = 1 ft.  
Peterkin file number: 52  
[MS376.26]

The Ericsson Battery, Main Bulkhead Forward Side  
Date: [October 15, 1861]  
Medium: Black and colored ink on linen  
Size: 18½ in. x 28½ in.  
Scale: 1 in. = 1 ft.  
Peterkin file number: 53  
[MS376.27]

Folder 9 Traverse Sections and Bulkheads, File 4 of 5

Untitled, [Main bulkhead, forward side]  
Date: November 11, 1861  
Medium: Black and colored ink on linen  
Size: 18¾ in. x 26½ in.  
Scale: 1 in. = 1 ft.  
Peterkin file number: 55  
[MS376.28]

Untitled, [Main bulkhead, forward side]  
Date: November 11, 1861  
Medium: Black and colored ink on linen  
Size: 19¾ in. x 26¾ in.  
Scale: 1 in. = 1 ft.  
Peterkin file number: 56
Untitled, [Transverse and longitudinal sections of hull bracing, deck stanchions and coal bunker bulkheads], October 7, 1861
Date: October 7, 1861
Medium: Black and colored ink on linen
Size: 13 5/8 in. x 32 1/4 in.
Scale: ¾ in. = 1 ft.
Peterkin file number: 59

Untitled, [Transverse and longitudinal sections of hull bracing, deck stanchions and coal bunker bulkheads], October 7, 1861
Date: October 7, 1861
Medium: Black and colored ink on linen
Size: 12 1/2 in. x 32 5/8 in.
Scale: ¾ in. = 1 ft.
Peterkin file number: 60

Deck Beam Brackets, Stanchions and Diagonal Braces
Date: [October 1861]
Medium: Black and colored ink on linen
Size: 22 3/8 in. x 31 3/4 in.
Scale: No scale listed
Peterkin file number: 61

Folder 10
Traverse Sections and Bulkheads, File 5 of 5

Untitled, [Bulwark bracket riveting diagram], October 7, 1861
Date: October 7, 1861
Medium: Black and colored ink on linen
Size: 16 1/2 in. x 25 in.
Scale: 3 in. = 1 ft.
Peterkin file number: 63

Untitled, [Bulwark bracket riveting diagram]
Date: October 7, 1861
Medium: Black and colored ink on linen
Size: 19 1/4 in. x 25 in.
Scale: 3 in. = 1 ft.
Peterkin file number: 64
Ericsson Battery, Bulwarks and Armor at Bow and Stern
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 16¼ in. x 23 in.
Scale: 1½ in. = 1 ft.
Peterkin file number: 72
[MS376.35]

Ericsson Battery, Bulwarks and Armor at Bow and Stern
Date: [December 1861]
Medium: Black and colored ink on linen
Size: 17 in. x 24½ in.
Scale: 1½ in. = 1 ft.
Peterkin file number: 73
[MS376.36]

Battery, Engine Bulkheads, November 1861 (est.)
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 25¼ in. x 9 7/8 in.
Scale: None listed
Peterkin file number: 82
[MS376.37]

Battery, Engine Bulkheads
Date: [November 1861]
Medium: Black and colored ink on linen
Size: 26 in. x 9 5/8 in.
Scale: None listed
Peterkin file number: 83
[MS376.38]

Folder 11  Turret

Battery, Turret Floor
Date: [October 1862]
Medium: Black and colored ink on linen
Size: 12½ in. x 12 3/8 in.
Scale: ½ in. = 1 ft.
Peterkin file number: 166
[MS376.20]

SERIES 3.2: Other Plans

Folder 12  Continental Iron Works plans
Untitled, [Site Plan of Continental Iron Works]
Date: None listed
Medium: Black and colored ink on linen
Size: 10 in. x 15 in.
Scale: No scale listed
Peterkin file number: None
[MS376.21]

Untitled, [Site Plan of Continental Iron Works]
Date: None listed
Medium: Blueprint
Size: 10 in. x 15 in.
Scale: No scale listed
Peterkin file number: None
[MS376.22]

STORED AT COLLECTIONS MANAGEMENT
Plan of Deck Plates for the US Monitor Catskill, undated
Date: None listed
Medium: Black and colored ink on linen
Size: 28½ in. x 110 in.
Scale: ½ in. = 1 ft.
Peterkin file number: None
[MS376.50]

CSS Virginia [Longitudinal section, plan view, midship section and gun carriage], undated
Date: None listed
Medium: Black ink on linen
Size: 30 in. x 72½ in.
Scale: 1 in. = 5 ft.
Peterkin file number: None
[MS376.51]

Site Plan of New Haven, CT
Date:
Medium:
Size:
Scale:
Peterkin file number: None
[MS376.52]

MATERIALS REMOVED
No materials were removed from this collection

SOURCES CONSULTED

**SUBJECTS**
- Catskill (Ironclad : 1862)
- Continental Iron Works
- Ericsson, John, 1803-1889
- Monitor (Ironclad : 1862)
- Naval architecture-Designs and plans
- Rowland, Thomas F., 1831-1907
- United States-History-Civil War, 1861-1865
- Virginia (Ironclad : 1862)