



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to The Foundation Company Records

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Alison Oswald

2023

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Table of Contents

Collection Overview	
Administrative Information	1
Biographical Note	2
Scope and Contents	2
Arrangement	2
Names and Subjects	
Container Listing	
Series 1: Photographs, Negatives, and Slides, 1918-1969	4
Series 2: Drawings, 1887-1956	9
Series 3: Printed Materials, 1906-1960	15

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	The Foundation Company Records
Date:	1887-1969
Identifier:	NMAH.AC.0974
Source:	National Museum of American History (U.S.). Division of Mechanical and Civil Engineering
Creator:	Foundation Company (The).
Extent:	9 Cubic feet (19 boxes, 28 map-folders)
Language:	English .
Digital Content:	Image(s): The Foundation Company Records

Administrative Information

Acquisition Information

Donated to the National Museum of History and Technology (now the National Museum of American History) in 1966.

Provenance

Transferred from Division of Work and Industry to the Archives Center in 2007.

Processing Information

This collection processed by Alison Oswald, 2023.

Preferred Citation

The Foundation Company Records, Archives Center, National Museum of American History.

Restrictions

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Biographical Note

The Foundation Company was a New York subaqueous concrete construction firm founded in 1902. It was created to pool the knowledge of engineers who specialized in the construction of bridge piers and building foundations. The company was a leader in the development of the pneumatic caisson method for the construction of foundations. This method made possible the skyscrapers of New York City. Additionally, the company also worked on power houses/stations, shipyards, and docks.

Scope and Contents

These records include sketches, drawings, blueprints, contracts, and reports relating to highway and railroad bridges, tunnels, subways, mine shafts, canals and waterways, dams, concrete buildings, concrete construction, derricks and derrick barges, cranes, caissons and caisson construction, air locks, pumps, jacks, engines, and turbines; also photographs, photograph albums, and newspaper clippings concerning projects for office building and power plant foundations, docks, dry docks, and piers, and work for the Ohio Edison Company, Chase Manhattan Bank, and the Boston Common Underground Garage.

Arrangement

The collection is arranged into three series.

Series 1: Photographs, 1918-1969

Series 2: Drawings, 1887-1956

Series 3: Printed Materials, 1906-1960

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Air locks (Chambers)
- Bridges -- Design and construction
- Caissons
- Canals
- Concrete
- Concrete construction
- Dams
- Derricks
- Engineers
- Engines
- Hydraulic engineering
- Lifting-jacks
- Mine shafts
- Pumping machinery
- Railroad bridges
- Railroads

Roads -- Design and construction
Subways
Tunnels
Turbines
Underwater tunnels
Waterways

Types of Materials:

Blueprints
Contracts
Drawings
Photograph albums -- 20th century
Photographs -- 20th century
Reports
Sketches

Names:

Chase Manhattan Bank
National Museum of American History (U.S.). Division of Mechanical and Civil Engineering
Ohio Edison Company.

Container Listing

Series 1: Photographs, Negatives, and Slides, 1918-1969

Box 1, Box 1	List/indices to photographs and slides, undated
Box 1, Box 2	Aliveri Thermal Electric Station, Euboea, Greece (dedication ceremony and picnic), undated Notes: Includes photographs of a dedication ceremony and picnic that include a Greek orthodox priest performing a blessing, dancing, groups enjoying food and drink, the ritual sacrificing a rooster, and American and Greek flags.
Box 1, Box 3-4	Aliveri Thermal Electric Station, Euboea, Greece, 1951-1952
Box 1, Box 5-9	Aliveri Thermal Electric Station, Euboea, Greece, 1952
Box 12, Box 1	Ambassador Bridge, Detroit, Michigan, undated
Box 2, Folder 1	American Gas and Electric Company, Windsor, West Virginia, undated
Box 2, Folder 2	Anderson Clayton and Company Warehouse, New Orleans, Louisiana, undated
Box 2, Folder 3	Baltimore Drydock, 1950s
Box 2, Folder 4	Bethlehem Steel Co., Baltimore, Maryland, 1949
Box 2, Folder 5	Bethlehem Steel Co., Shipbuilding Division, Baltimore Yard, 1949-1950
Box 2, Folder 6	Bethlehem Steel Co., Baltimore Yard, 1951-1953
Box 2, Folder 7	Bethlehem Steel Co., Aberdeen, Maryland, 1950s
Box 2, Folder 8	Bethlehem Steel Co., Sparrows Point, Maryland, 1955
Box 2, Folder 9	Bethlehem Steel Co., (Pier 1) Sparrows Point, Maryland, 1955-1956
Box 2, Folder 10	Bethlehem Steel Co., Quincy, Massachusetts, undated
Box 3, Folder 1	Bethlehem Steel Co., Sparrows Point Shipyard, 1955
Box 3, Folder 2	Bethlehem Steel Co., Sparrows Point Shipyard, 1955-1956
Box 3, Folder 3	Bethlehem Steel Co., Simpson type drydock, undated

Box 3, Folder 4	Bethlehem Steel Co., East Boston Graving Dock No. 4, 1957
Box 3, Folder 5	Boston Common Garage, 1959
Box 3, Folder 6-9	Boston Common Garage, 1960-1961
Box 9, Folder 13	Boston Common Garage, 1961
Box 12, Box 2	Boston Common Garage, 1960
Box 12, Box 3	Boston Yard Graving Dock 4, undated
Box 4, Folder 1	Central Illinois Public Service Company Project, undated
Box 12, Box 4	Central Illinois Public Service Company, undated
Box 4, Folder 2	Chase Manhattan Bank Building (index to photographs), 1957
Box 4, Folder 3-11	Chase Manhattan Bank Building, 1957
Box 5, Box 1	Chase Manhattan Bank Building, 1957
Box 5, Box 2-6	Chase Manhattan Bank Building, 1957-1958
Box 5, Box 7	Chase Manhattan Bank Building (Brewster-Miele), 1957-1958
Box 5, Box 8	Chase Manhattan Bank Building, 1957-1958
Box 12, Box 5	Chase Manhattan Bank Building, 1957-1958
Box 9, Folder 12	Chase Manhattan Bank Building Project, 1957-1961
Box 5, Box 9	Cincinnati Gas and Electric Company, New Richmond, Ohio, undated
Box 12, Box 7	Country Club Peru, undated
Box 5, Box 10	Dilles Bottom, Ohio, 1943
Box 12, Box 6	East Boston Dry Dock, 1957
Box 12, Box 7	Equitable Trust, undated
Box 5, Box 11	First National Bank, Detroit, Michigan, undated
Box 5, Box 12	First National Bank, Washington, DC, 1920
Box 5, Box 13	Forest Hill Hotel, Atlanta, Georgia, undated

Box 5, Box 14	Foundation Company (executives), 1957-1960
Box 5, Box 15	Glenwood Landing, New York, 1953
Box 5, Box 16	Grand Tower, Illinois, 1958
Box 5, Box 17	[Illinois Power Company?], undated
Box 5, Box 18	Jersey Yard, dock job, 1943
Box 5, Box 19	Kearney, New Jersey Yard, 1960
Box 5, Box 20	Kearney, New Jersey Yard, 1954
Box 5, Box 21	Lafayette Management Corp., Remsen Street, Brooklyn, New York, 1969
Box 5, Box 22	Los Angeles University Club, undated
Box 12, Box 7	Morgan Bank, undated
Box 5, Box 23	Morgan City, Louisiana, 1932
Box 12, Box 8	Naugatuck [Railroad?], Waterbury, Connecticut, 1956
Box 9, Folder 10	New Castle, Pennsylvania, 1958
Box 9, Folder 12	New Castle, Pennsylvania [Pennsylvania Power Company?], circa 1950s
Box 6, Folder 1	Newport News Shipbuilding Drydock Company, 1958
Box 6, Folder 2	Newport News Shipbuilding and Drydock Company, Newport News, Virginia, undated
Box 9, Folder 10	Newport News, Virginia, 1958
Box 12, Box 9	Newport News Shipbuilding and Drydock, undated
Box 12, Box 10	New York International Airport, circa 1950s
Box 6, Folder 3-4	New York State Electric and Gas Corporation, Johnson City, New York, 1950
Box 6, Folder 5	New York, New Haven and Hartford Railroad, Waterbury, Connecticut, circa 1950s
Box 6, Folder 6	New York, New Haven and Hartford Railroad, Bridgeport, Connecticut, 1957
Box 6, Folder 7-8	Ohio Edison Company, Stratton, Ohio, 1957

Box 7, Folder 1	Ohio Edison Company, Stratton, Ohio, 1958-1959
Box 7, Folder 2	Ohio Edison Company, Stratton, Ohio, 1959-1960
Box 7, Folder 3	Ohio Edison Company, Stratton, Ohio, 1960-1962
Box 9, Folder 11	Ohio Edison Company, 1960
Box 7, Folder 4	Passaic Valley Seer (relocation), Newark, New Jersey, 1931-1932
Box 7, Folder 5	Pennsylvania Power Company, Newcastle, Pennsylvania, 1956
Box 7, Folder 6	Phelps Dodge Copper Company, Yonkers, New York, 1956
Box 7, Folder 7	Pickards Mather Company, Ironwood, Michigan, undated
Box 8, Folder 1	Port of New York Authority, Jamaica, New York, 1957
Box 8, Folder 2	Port of New York Authority, Pier 5, Brooklyn, 1963
Box 8, Folder 3-4	Prudential Life Insurance Company, Newark, New Jersey, 1957-1958
Box 8, Folder 5	Rocklane Light and Power Company (construction of shaft), 1952
Box 8, Folder 6	Sixth Street Bridge, Pittsburgh, Pennsylvania, 1959
Box 8, Folder 7	S.S. White Dental Company, 1946
Box 12, Box 7	Stock Exchange, undated
Box 8, Folder 8	William F. Thompson (Foundation Company Chairman), undated
Box 8, Folder 9	Toledo Edison Company, Toledo, Ohio, 1956
Box 8, Folder 10	Union Carbide Carbon Corporation, Maietta, Ohio, 1951-1952
Box 13, Box 1	New York, New Haven, and Hartford Railroad, 1956
Box 13, Box 2	Ohio Edison Company, Stratton, Ohio, 1960
Box 13, Box 3	Pennsylvania Power Company, 1957-1958
Box 13, Box 4	Prudential Insurance Company of America, 1957
Box 13, Box 5	United Missouri Power Company, Hauser lake Dam, undated
Box 9, Folder 1	Delaware River Bridge, caisson forms, 1923

Box 9, Folder 2	Dock walls, Ohio Basin, Buffalo, New York, 1921
Box 9, Folder 3	Erie Steam Shovel, 1926
Box 9, Folder 4	Union Carbide and Carbon Corporation, Marieta, Ohio, 1950-1951
Box 9, Folder 5	Union Gas and Electric Company, Kew Plant, 1918
Box 9, Folder 6	United States Steel Corporation, National tube Division, undated
Box 9, Folder 7	U.S. Steel Corporation, Morrisville, Pennsylvania, 1955
Box 9, Folder 8	United Steel Corporation, 1956
Box 9, Folder 9	Woolworth Building, 1958
Box 9, Folder 14	Miscellaneous, [Foundation Company offices?], 1960s
Box 19, Folder 5	#4307, Cement Plant, Rio Isabela, Dominican Republic , 1944-1947
Box 19, Folder 6	#4414, Unidentified location , [1950s?]
Box 19, Folder 7	#4424, Bank Street Bridge, Waterbury, Connecticut, undated
Box 19, Folder 8	#4424, Jackson Street Underpass, Waterbury, Connecticut, undated
Box 19, Folder 9	#4424, Liberty Street, Waterbury, Connecticut, undated
Box 19, Folder 10	#4424, Main Naugatuck Crossing, Waterbury, Connecticut, undated
Box 19, Folder 11	#4424, Washington Avenue, Waterbury, Connecticut, undated
Box 19, Folder 12	#4435, Toledo, Ohio, 1956
Box 19, Folder 13	#4448, Dry Dock, undated
Box 19, Folder 14	#4472, East Boston, Massachusetts, undated
Box 19, Folder 15	Unidentified foundation site work, undated

[Return to Table of Contents](#)

Series 2: Drawings, 1887-1956

Box 14	Index cards for drawings, undated Notes: Organized alphabetically by name of company or organization. The cards contain the name of the company/organization, a description of the drawing or blueprint and an alphanumeric designation, presumably created by and for the Foundation Company to organize project work. For example, United State Railroad Administartion, organization diagram, GN-50-107.
Box 15	Index cards for drawings, undated Notes: Cards are arranged alphabetically by subject. the cards contain the name of the subject, a brief description and an alphanumeric designation for the drawing(s), presumably created by and for the Foundation Company to organize project work.
Map-folder 1	Aerial Cableway for Todd Drydock and Shipbuilding, Tacoma, Washington, 1917
Map-folder 1	Baltimore Drydock, Scotia Dam, 1913
Map-folder 1	Shipyards Cranes, 1913
Map-folder 1	Cutting Edges of Caissons, 1914-1923
Map-folder 2	Traveling Derricks, 1902-1916
Map-folder 2	New York Connecting Railroad Eastern Viaduct, 1912
Map-folder 2	35" Horizontal Turbine and Governor Setting for Rideau Power Company, Merickville, Ontario, 1914
Map-folder 2	Hydraulic Turbine Unit for Fraser Limited, Edmundston, New Brunswick, 1917
Map-folder 2	[Hudson River Map?], 1917
Map-folder 2	Board of Water Supply Map, City of New York, 1915
Map-folder 2	Hudson River Vehicular Tunnel, undated
Map-folder 3	Chenoweth Reinforced Concrete Revetment Company, 1915
Map-folder 3	4 boom, 10 ton Derrick, 1905
Map-folder 3	8 Ton Steel Stiff Leg Derrick, 1908
Map-folder 4	Lee Larsens Method for Sinking Caissons, 1922

Map-folder 4	Fort Pitt Bridge Works, 30 ton Derrick, 1915
Map-folder 4	Western Union Building, 'B' Derrick at 170 Fulton Street, New York, 1914
Map-folder 4	Derrick Car for H.L. Bond Company, 1909
Map-folder 4	Jenny Wink derrick, 1904
Map-folder 4	Pile Driver for Ford Bulkhead, 1917
Map-folder 4	Detail of Trussing for Derrick Boat, 1917
Map-folder 5	Horizontal Duplex Comp. P.V. Oil Pump, Pittsburgh-Jeanesville Type, 1921
Map-folder 5	Thomas Electric Single Caisson Winches, 1924
Map-folder 5	No. 20B Triplex Hydraulic Power Pump, 1920
Map-folder 5	Underwater Fire Pump, 1900
Map-folder 5	Class G Pump Governor, 1905
Map-folder 5	Standard Bridge Designs, National Lines of Mexico, 1907
Map-folder 5	Tunnel designs by John F. O'Rourke, 1922-1923
Map-folder 6	Water Turbines, 1917-1921
Map-folder 7	Paris Subway, 1928
Map-folder 7	Martinez Interlock Wood Sheet Piling, undated
Map-folder 7	McKiernan-Terry Drill Company, 1917
Map-folder 7	Automatic Pressure Regulator, 1907
Map-folder 7	Lackawanna Steel Sheet Piling, 1911
Map-folder 7	Vanderkloot Steel Piling Company, Double Locked and Ribbed Sheet Steel Pile, undated
Map-folder 7	Sinking Pneumatic Caissons, undated
Map-folder 7	Shafting Caissons, 1904-1924
Map-folder 8	Blaw-Knox Company Pittsburgh, 1923

Map-folder 8	Erie Steam Shovel (tunnel shovel), 1924
Map-folder 8	Markham and Company Ltd. 9Arrol-Whitaker rotary tunneling machine) Broad Oaks Iron Works, Chesterfield, 1923
Map-folder 8	36" Horseshoe Shaft, 1909-1921
Map-folder 9	30" x 51" Oval Collapsible Shaft, 1900-1911
Map-folder 9	30" Diameter Shaft, 1906
Map-folder 10	SooySmith and Company, American Society Company Building, 1887-1896
Map-folder 10	U.S. Board of Engineers on Deep Waters (Great Lakes), 1900
Map-folder 10	Delaware River Bridge Caissons, 1923-1924
Map-folder 11	Worthington Pump and Machinery Company, Double Acting 2-Cycle Diesel Engine, 1925
Map-folder 11	Szechuen Hankow Railway Map and Profile, Nanto Tunnel and River Route, 1918
Map-folder 11	Truscon Standard Steel Buildings, Tampico, Mexico, undated
Map-folder 11	Central Railroad of New Jersey (trestles), 1917
Map-folder 11	Reading Company, proposed public delivery trestle, Pottstown, Pennsylvania, 1928
Map-folder 11	Pennsylvania Railroad Company, Car Float, 1901
Map-folder 11	Blaw-Knox Concrete Boat, 1917-1924
Map-folder 11	Wood Hull, Derrick Boat No. 8, 1924
Map-folder 11	Kennebec Bridge, Bath, Maine, Mixer Boat Layout, 1926
Map-folder 12	Mixer Boat #4, Dravo Contracting Company, 1919
Map-folder 12	Derrick Boat 33" x 115", undated
Map-folder 12	Delaware and Lackawanna Railroad, Lower Hackensack Bridge, 2 Boom Derrick Boat, 1927
Map-folder 12	Derrick Boat, 33" x 67", undated
Map-folder 12	Mixer boat layout, 1929

Map-folder 12	Proposed layout, mixer boat, 1929
Map-folder 12	Concrete mixer boat, detail of new end, 1929
Map-folder 12	Baltimore and Ohio Railroad, car float, 1915
Map-folder 12	Steel derrick barge deck plan, 1927
Map-folder 12	Mixer boat #6, superstructure longitudinal section, 1928
Map-folder 12	Mixer boat #4, Dravco Contracting Company, 1919
Map-folder 13	Shafting caissons, 45" ft. diameter shaft, 1903-1928
Map-folder 13	36" ft. diameter air lock, 1896-1924
Map-folder 14	72" ft. diameter air lock, 1910-1930
Map-folder 15	Foundation Company, organizational charts for employees and departments, 1920
Map-folder 15	Concrete and dirt hoppers, 1916-1956
Map-folder 15	Dredging and scraping machinery, 1910-1920
Map-folder 16	Pontoons, barges and scaws, 1910-1915
Map-folder 17	Shipbuilding and launching, 1917-1918
Map-folder 17	Illustrations for the book Cranes in the Shipyard, 1902
Map-folder 17	Cranes (includes specifications), 1915-1918
Map-folder 18	Chicago Well method of sinking open wells, 1928
Map-folder 18	54" air lock (includes specifications), 1905-1929
Map-folder 18	36" ft. two sectional air lock, 1909-1927
Map-folder 19	45" diagram air lock, 1906-1916
Map-folder 19	Medical air lock, 1947-1956
Map-folder 19	Concrete working chamber, 1910-1926
Map-folder 20	Pennsylvania Railroad joint bridge over Hackensack River, New Jersey, build up for caisson, 1928-1929

Map-folder 20	Bank Trust Company and First National Bank caissons, undated
Map-folder 20	Pneumatic caisson sketches, undated
Map-folder 20	Miscellaneous caisson drawings for bridge piers and and the Osborne System of Foundations, 1924-1945
Map-folder 21	Woolworth Building working chambers, 1910-1911
Map-folder 21	Municipal Building working chambers, 1908-1910
Map-folder 21	Concrete forms for caissons, 1909-1911
Map-folder 21	Concrete working chambers, 1910-1911
Map-folder 22	Caissons (general), undated
Map-folder 22	Holly Pneumatic Systems Inc., 1926-1927
Map-folder 22	Jersey Yard PPlan, 1926
Map-folder 22	100 ton matting furnace, undated
Map-folder 22	Sea Walls, bulkhead wall includes Icke Flexible Retaining Wall, 1917
Map-folder 23	Concrete equipment and material (chutes, gravel , sand, stone bins, and mixers), 1913-1928
Map-folder 23	Connecting piece for shafting, 1913-1927
Map-folder 23	Corson Construction Company, New York, 1929
Map-folder 24	Bridge and bridge piers built by Foundation Company, 1908-1926
Map-folder 24	Concrete materials, testing of, includes mixers, chutes, gravel and sand bins., 1914-1928 Notes: Includes drawing for the Western Union Telegraph Company building at Broadway and Dey Street, New York, New York (1914).
Map-folder 24	Emergency air lock, 1913
Map-folder 24	Bottom dumping and dirt buckets, 1909-1925 Notes: Includes the Hayward Company Three-sided orange peel bucket. This type of bucket was used for all sorts of excavating, dredging, and rehandling work.
Map-folder 25	Derricks, 1918-1928

Map-folder 25	Air compressors, 1906-1917
Map-folder 25	Material ejectors to caissons, 1904-1916
Map-folder 26	Elevators (steam, hydraulic and electric), 1912-1918
Map-folder 26	Hoisting engines, 1899-1918
Map-folder 26	Floating dry docks, 1899-1918
Map-folder 26	Table of dimensions of United States dry docks, 1909
Map-folder 27	Pearl Harbor dry dock, 1914
Map-folder 27	Dry docks, 1916 Notes: Includes Navy Yard, Norfolk, Virginia and Fort at Rockaway Beach , New York.
Map-folder 28	Miscellaneous Notes: Includes: locomotive derricks, revolving derricks, wooden stiff leg derricks; John Turls' Sons, Inc. Newburgh, New York; List of dams (rock fill, constant angle arch, masonry, hydraulic, earth and steel); pneumatic caisson foundation for the Singer Building; airplane assembling shop and suspension roof, 1929; multi-directional hangars with suspension type roofs, 1929; airplane standard type A hangar; Union grout mixer ejector and 3 cylinder engine, 1910; Caniff pneumatic grout mixer and injector, undated; 40 ton shoring jack, 1906; 60 ton vertical jack with double plunger pump; and brownsville Bridge, Gravel Cleaning Plant, 1909.

[Return to Table of Contents](#)

Series 3: Printed Materials, 1906-1960

Box 9, Folder 15	The American Contractor, 1929-11-30
Box 9, Folder 16	Aero Pulverizer Company, 1920
Box 9, Folder 17	American Railway Engineering Association, Specifications for Plain and Reinforced Concrete and Steel Reinforcement, 1911
Box 9, Folder 18	Bamberger Building, Newark, New Jersey (caissons), undated
Box 9, Folder 19	Blackburn East Generating Station, 1921 Notes: Includes a menu from the inauguration ceremony for the station.
Box 9, Folder 20	Caisson Sinking Data, 1916
Box 9, Folder 21	Cayuga and Seneca Canal (contract), 1909
Box 9, Folder 22	Cement Testing, 1921-1927
Box 10, Folder 1	Chatham Phenix Allied Corporation, Report on Haydite, 1930
Box 10, Folder 2	City of New York, Bureau of Buildings, Rules and Regulations for Plumbing and Drainage, Water Supply and Gas Piping of Buildings, 1917
Box 10, Folder 3	Clippings about the Foundation Company and concrete, 1959-1960
Box 10, Folder 4	Articles about Concrete, 1920-1926
Box 10, Folder 5	Concrete Atomizer (H.P. Brown), 1919 Notes: Includes United States patents 1,297,080, 1,297,081, and 1,297,082 for methods of mixing concrete (1919).
Box 10, Folder 6	Consumer Power Company (Michigan), 1920
Box 10, Folder 7	Concrete Highway Construction, undated Notes: Report includes photographs.
Box 10, Folder 8	Construction Data for the Foundation Company, 1941
Box 10, Folder 9	Corson Construction Company, 1929 Notes: Includes photographs of shovels in the tunnels.
Box 10, Folder 10	Curtis-Willis Company (tanks), 1920
Box 10, Folder 11	Dam Data, 1930

Box 11, Folder 1	Electrifying Pipelines for the Transmission of Oil (Proposto System), 1925
Box 11, Folder 2	Elizabeth Howland Hook Bridge, 1926
Box 11, Folder 3	First and Old Detroit National Bank Building, 1922
Box 11, Folder 4	Floating Dry Docks and Ship Repair Plants, 1914, 1919-1920
Box 11, Folder 5	Foundation Company, Background Information, circa 1950s
Box 11, Folder 6	Golden Gate Bridge, Volume 1, Report of the Chief Engineer with Architectural Studies, 1930
Box 11, Folder 7	Holland Tunnel (costs), 1928
Box 11, Folder 8	Houston-Galveston Ship Channel Bridge, 1927
Box 11, Folder 9	Hudson River Bridge (progress reports), 1928-1931
Box 11, Folder 10	Illinois Waterway (contract), 1920
Box 11, Folder 11	Introduction of Cranes in Shipyards, 1906
Box 11, Folder 12	Kill Van Kull Bridge (report), 1927-1931
Box 16, Folder 1	Koehring Machine Company Standardized Concrete, 1920
Box 16, Box 2	La Mont Corporation, 1926
Box 16, Box 3	John S. Metcalf Co., Limited, Grain Elevators, 1926
Box 16, Box 4	Mid-Hudson Bridge, 1930
Box 16, Box 5	Mine Shaft Sinking, undated
Box 16, Box 6	Nashville Industrial Corporation, undated
Box 16, Box 7	New York Central Railroad (trestles), undated
Box 16, Box 8	New Jersey State Highway Department, Standard Form of Specifications for State Bridges, 1926
Box 16, Box 9	New York States Bridge and Tunnel Commission (report), 1924
Box 16, Box 10	Orton & Steinbrenner Company (locomotive cranes and grab buckets), 1918
Box 16, Box 11	Reinforced concrete (design standard), undated

Box 16, Box 12	Rules for the Construction, Maintenance, and Operation of Elevators, 1918
Box 16, Box 13	Sixth Street Bridge, Pittsburgh, Pennsylvania, 1928 Notes: The Sixth Street Bridge won the American Institute of Steel Construction, Artistic Bridge Award for 1928.
Box 16, Box 14	Specifications (various), 1910-1918
Box 17, Folder 1	Stadium, Philadelphia, Pennsylvania, 1926 Notes: Includes photographs and <i>Engineering News-Record</i> and <i>American Architect</i> articles about stadium construction.
Box 17, Folder 2	Structural Steel Specifications, undated
Box 17, Folder 3	Subaqueous Tunneling, undated
Box 17, Folder 4	Subway and Housing Costs, 1925 Notes: Includes The Foundation Company's "New Method for Housing" report. This method involves "pier and slab" construction using concrete and the Ketton patent reconstructed stone.
Box 17, Folder 5	Tromanhauser System of Subaqueous Concrete Construction, undated Notes: Includes photographs of the floating pontoon system of concrete construction.
Box 17, Folder 6	Vehicular Bridges over the Arthur Kill, 1925-1927
Box 17, Folder 7	Worthington Pump and Machinery Company, 1925-1927
Box 17, Folder 8	Yokohama/Tokyo Earthquake (report), 1923
Box 18, Folder 1	Catalogue of Mines branch Publication (GN-70-1103), 1917
Box 18, Folder 2	Standard Practice of Foundation Company Relative to Steel in Bridges (GN-81-104), 1916
Box 18, Folder 3	Sugary Reinery (GN-85-101 to 85-120), 1917, 1920
Box 18, Folder 4	Glen Falls Machine Works, Glen Falls, New York. Self Feeding Rotary Sulphur Burner (GN-101-101), 1917
Box 18, Folder 5	Toulene Plant/Ordnance Plant, Richmond, California (GN-109-1-2), 1918
Box 18, Folder 6	Gas and Coke Oven Corporation (GN-113), 1919
Box 18, Folder 7	Rhondda Engineering and Mining Company Co., Ltd. (GN-151-1), 1919

Box 18, Folder 8	Coal Washing The Latest Development in the Hydraulic Classification of Coal Minerals (GN-152-1) , 1919
Box 18, Folder 9	The American Elevator and Grain Trade (GN-157-2), 1920-08-15
Box 18, Folder 10	Utilization of Lignite Deposits in Macedonia and Greece (GN-159-1), 1920
Box 18, Folder 11	Government of Saskatchewan. The Carbonizing and Briquetting of Lignite (GN-159-2), 1915
Box 18, Folder 12	Foundation Oven Corporation, Progress Report (GN-161-1), 1920
Box 18, Folder 13	Recovery of Gasoline from Natural Gas by Compression and Refrigeration (GN-164-1, 1918
Box 19, Folder 1	High Spots in Oil Refinery (GN-165-7), 1922
Box 19, Folder 2	Davis Coal & Coke Company, Self Dumping Safety Cage (GN-226-1) , 1911, 1922
Box 19, Folder 3	Wire Rope Manufacture (GN-227-1), 1927
Box 19, Folder 4	elevation and Sectional View of Four Cell Unit (GN-237-1), 1930
Return to Table of Contents	
Box 1 (Addenda)	Addenda