Descriptive Summary

Title: Fred H. Tibbetts and E.E. Blackie papers

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[identification of item], [date if possible]. Fred H. Tibbetts & E.E. Blackie papers (WRCA 078). Water Resources Collections and Archives. Special Collections & University Archives, University of California, Riverside.

Collection Scope and Contents
This collection of engineering reports on water development in California was given to the Water Resources Collections and Archives by E.E. Blackie at the time of his retirement in June 1973. The engineering firm of Blackie and Wood, San Francisco, was the final partnership in a series of professional partnerships which begin in 1909 under the firm name of Haviland and Tibbetts.

The bulk of the collection represents the work of Fred H. Tibbetts. Blackie had assumed control of the Tibbetts engineering firm at the death of Tibbetts in 1938.

Subjects covered in the collection include irrigation, reclamation, and flood control projects. While most of Tibbetts' most important work was done in the Sacramento Valley, the material which came to the University of California does not include files on some of the major projects in this area. These presumably were kept in the district offices. Neither does the collection include files on the work done for the Santa Clara Valley Water Conservation District.

An index is supplied.

Materials in this collection cannot be loaned but photocopy services are available on the campus.

Biography
FREDERICK HORACE TIBBETTS, M. Am. Soc. C. E. Memoir prepared by Ralph G. Wadsworth, M. Am. Soc. C. E.
DIED AUGUST 2, 1938

Fred H. Tibbetts will probably be best remembered for his extensive flood-control, reclamation, and irrigation work in the Sacramento Valley and his highly successful water-conservation project in the Santa Clara Valley. However, his field of activity during a period of some thirty years of engineering practice extended well beyond the limits of the State of California, and embraced many of the varied branches of the profession. Few engineers in the history of California have contributed so extensively to the development of its agricultural lands and the control and conservation of its waters.

Frederick Horace Tibbetts, the elder of the two sons of Horace Albert and Manda (Arnold) Tibbetts, was born at Oshkosh, Wis., on April 28, 1882. The family moved west when he was ten years old and settled in Santa Clara County, California. He attended the College of the Pacific, then at San José, Calif., and received his degree of Bachelor of Science in 1903. He continued his studies during the following three and one half years at the University of California, at Berkeley, Calif., receiving a degree of Bachelor of Science in Civil Engineering in 1904, and a degree of Master of Science in 1907. In the meantime, he had received a degree of Master of Science from the College of the Pacific in 1905.

While doing his graduate work at the University of California, he also served on the faculty as an assistant in civil engineering in the fall of 1904 and again in the academic year 1906-1907. In 1905 and the spring of 1906, he was an instructor in mechanics at the California School of Mechanical Arts in San Francisco. In August, 1907, he was appointed instructor in civil engineering at the University of California, and in July, 1909, became an associate professor, which position he held until 1911. He was elected to membership in three scholarship fraternities: Sigma XI, Tau Beta Pi, and Sigma Iota Phi.
Mr. Tibbetts' active professional work commenced immediately after he received his first college degree and continued concurrently with his advanced studies and his teaching. Early engagements included surveys in Santa Clara and Alameda counties (1903), irrigation and drainage investigations (1904), and well measurements and surveys (1905). From 1906 to 1909 he was in charge of artesian investigations in Livermore Valley and the Pleasanton Reclamation Project.

In 1909, Mr. Tibbetts entered into a partnership with Perry A. Haviland, county surveyor of Alameda County, which lasted for nine years. The firm operated under the name of Haviland and Tibbetts, except in 1913 and 1914, during which period the name was changed to Haviland, Dozier and Tibbetts. The firm designed and supervised the construction of a wide variety of projects throughout central and northern California. During this period, Mr. Tibbetts was in charge of reports, estimates, designs, and supervision of construction of sewage systems and sewage disposal works for numerous cities and towns. He also handled designs, estimates, and reports on extensive harbor improvements at Richmond and South San Francisco, a highway system in Santa Barbara County, a filtered water supply for the City of Richmond, and all of the larger reclamation projects in Yolo Basin lying west of the Sacramento River above and below the City of Sacramento. The latter projects, particularly Reclamation Districts Nos. 900 and 999, which Mr. Tibbetts designed and in part supervised, included massive levees, drainage canals, and pumping plants. He also supervised extensive improvements of a similar nature in Reclamation District No. 70 in the upper part of Sutter Basin.

In November, 1912, Mr. Tibbetts submitted (on behalf of the firm of Haviland and Tibbetts from a branch office which had been opened in San Francisco) a report on the Knights Landing Ridge Cut, which had a major influence on the reclamation of the upper part of the Sacramento Valley. The cut, which forms an artificial outlet for flood waters in Colusa Basin, was sufficiently completed to be of immense benefit during the great 1915 flood. The project required more than 3,000,000 cu yd of excavation and the construction of highway and railroad bridges and various other structures. This work was followed immediately by the construction of major flood-protection levees and drainage systems in Colusa Basin, including particularly the construction of 50 miles of river levee between Knights Landing and Colusa.

In 1918, the firm of Haviland and Tibbetts was dissolved because of Mr. Haviland's ill health, and Mr. Tibbetts took over the San Francisco office under his own name. He continued as chief engineer of the Colusa Basin projects, previously undertaken for Reclamation District No. 108, the Sacramento River West Side Levee District, and the Knights Landing Ridge Drainage District. These three districts, which overlapped in part, provided complete flood protection for more than 100,000 acres of land which had been subject to frequent flooding by both river overflow and foothill drainage. In addition, Reclamation District No. 108 provided a complete drainage system and five separate irrigation systems for its 58,000 acres.

Mr. Tibbetts also became chief engineer of four additional large reclamation districts; two important water conservation districts; seven irrigation districts, including the two largest ones in the Sacramento Valley; two large land development companies; and a hydroelectric power company at Anchorage, Alaska. For all of these projects, and numerous other smaller ones, he prepared reports, estimates, and designs, and actively supervised construction, performed usually by contract, but in a few instances by force account. Included among the projects were several of the largest gravity intakes and pumping plants on the Sacramento River: the first wood screw pumps in California; irrigation and drainage canals with capacities to 1,500 cu ft per see, constructed with floating dredges; levees built by the world's largest clamshell dredges, and others built with suction dredges; two steam-electric generating plants; the first modern rock-fill dam in California, 160 ft high; five concrete arch dams; seven earth-fill dams; and innumerable incidental structures such as bridges, headgates, siphons, flumes, roads, etc.

Among the various irrigation projects, two were particularly outstanding for their magnitude, their comprehensive planning, and their widespread public benefit. The Nevada Irrigation District in Nevada County, California, developed a water supply by diversion and storage at high elevation in the mountains and made a long-term contract for sale of the energy content of the falling water on such a basis as to amortize the full cost of the mountain works, thereby giving the agricultural lands at lower elevation what amounted to a free water supply. The mountain works included a 4-mile diversion tunnel, 85,000 acre-ft of storage, and an 11-mile conduit in rough terrain which required numerous flumes and tunnels. The irrigation distribution system included two large concrete diversion dams as well as many miles of canals and numerous structures. Total construction costs amounted to about $7,000,000.

The second outstanding irrigation project was one undertaken for the Santa Clara Valley Water Conservation District for the purpose of replenishing the underground water supply. The district, largely planted to orchards, was irrigated almost entirely by pumping from wells and, to 1934, the ground-water table had been dropping continuously at the rate of about 5 ft per yr until some of the pumping lifts were in excess of 200 ft. This condition was remedied by the construction of six detention reservoirs in the foothills and various regulating and distributing works in stream beds designed to retard runoff and induce percolation into the underground storage basin. A definite rise of the ground-water level has been experienced since completion of this work. The total cost of this project was about $3,000,000.
In addition to his engagements as engineer in complete charge of construction projects, Mr. Tibbetts was also employed as a consultant by many public and private agencies, including two irrigation districts in Nevada, a water conservation district in Arizona, four California cities, several land development companies and contracting firms, and numerous individuals and organizations. His services in connection with these engagements covered a wide variety of activities, including design of dams, investigation of water supplies, both surface and underground, subdivisions, irrigation systems, sewage disposal plans, harbor studies, water-works appraisals, and expert court testimony in water rights and other litigation. He made an extensive appraisal of the water rights and physical works of Miller and Lux, Inc., and the San Joaquin and Kings River Canal Company, and appraised the lands flooded by the Pardee Dam of the East Bay Municipal Utility District. He designed the Hogan flood-control dam on the Calaveras River for the City of Stockton, Calif. He directed final construction work for the contractors on the Wawona tunnel in Yosemite Valley and advised other contractors on tunnel problems. He was employed by the State Department of Public Works as a consultant on the Sacramento Valley unit of the Statewide Water Plan.

In spite of his very active professional practice, Mr. Tibbetts found time for many civic and fraternal duties. He was chairman of the Irrigation Section of the Commonwealth Club of California for three years (1925-1927), and was an occasional speaker for the Regional Planning Association of San Francisco (1925-1926). He was an active Mason, being a Past Commander of Oakland Commandery, Knights Templar, and holding office at the time of his death in Durant Lodge, in Berkeley, and Islam Temple of the Shrine, in San Francisco. He belonged to the University Club, Engineers’ Club, and Olympic Club of San Francisco, and at times was a member of the Athens Club of Oakland, the Sutter Club of Sacramento, and the Arizona Club of Phoenix, Ariz. He was also a member of the American Institute of Electrical Engineers and the American Geophysical Union.

Mr. Tibbetts was married, first, to Edith Jean MacKerricher (in 1905), and second to Flora McDonald, who died only a few weeks prior to his own death. He is survived by his son by his first marriage, D. Reginald Tibbetts, and by his brother, Sydney A. Tibbetts.

During his active career, Mr. Tibbetts established a reputation as a keen thinker and a fluent speaker. He was unusually adept in presenting engineering problems to lay clients through both the written and spoken word. He had marvelous capacity for mastering and remembering intricate details of engineering theory and practice. He was a delightful companion and had a host of friends and acquaintances. He read extensively on a wide range of subjects and was particularly well informed on the strategy of the major military engagements of history. His hobbies were farming, photography, and aeronautics.

Mr. Tibbetts took a keen interest in Society affairs and contributed discussions on many subjects. He served on several important committees of the San Francisco Section and was a member of the Executive Committee of the Irrigation Division of the Society in 1927, 1928, and 1929, serving as chairman for the last two years.

Mr. Tibbetts was elected a Junior of the American Society of Civil Engineers on May 1, 1906; an Associate Member on April 6, 1909; and a Member on September 11, 1917.

From Transactions of the American Society of Civil Engineers, v. 105 (1940), pages 1924-1928.

Collection Number
Collection number updated December 2018. Legacy collection number was M5 76/8. This change was part of a project in 2018/2019 to update the collection numbers for collections in the Water Resources Collections and Archives.

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References are to item numbers. Terms indexed include names and places. All organizations and places are in California unless otherwise indicated. No entries are included for principal authors: Blackie and Wood; Fred H. Tibbetts; or Haviland and Tibbetts.

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Indexing Terms

The following terms have been used to index the description of this collection in the library's online public access catalog.

**Subjects**
- Blackie and Wood (Firm)
- Haviland and Tibbetts (Firm)
- Haviland, Dozier and Tibbetts (Firm)
- Nevada Irrigation District
- Flood control -- California
- Irrigation -- California
- Reclamation of land -- California
- Water resources development -- California
- Water-supply -- California -- Sacramento Valley

**Box 1, folder 1**


*Physical Description:* 19 p. maps

**Box 1, folder 2**


*Physical Description:* 41 p. fold plates in rear, maps, illus

**Box 1, folder 3**

*Preliminary report on the present condition of the Tuttle-Tubbs holdings below Moons Bend, Colusa County, California, to Alameda Farms Land Company. San Francisco, Calif., 1912.*

*Physical Description:* 11 p. illus., maps

**Box 1, folder 4**

*Report to the Alameda Sugar Co. on the Coil Ranch. San Francisco, Calif., 1914.*

*Physical Description:* 3 p. maps

**Box 1, folder 5**

*Inventory of rights of way and physical works contained within the irrigation systems of the Alameda Sugar Company in Sutter County, California. San Francisco, Calif., 1926.*

*Physical Description:* 32 pages
Box 1, folder 6  Contract and specifications for construction of drainage ditches in Meridian Farms, Sutter County, California. San Francisco, Calif., 1923.
Physical Description: 1 v. (various pagings)

Box 1, folder 7  Specifications for the construction of irrigation canals in Meridian Farms, Sutter County, California. San Francisco, Calif., 1924.
Physical Description: 1 v. (various pagings) fold.plates

Box 1, folder 8  Contract and specifications for construction of structures for irrigation canals in Reclamation District No. 70, Sutter County, Calif. San Francisco, Calif., 1922.
Physical Description: 1 v. (various pagings) fold.plates

Box 1, folder 9  Contract and specifications for enlargement and construction of irrigation ditches in Reclamation District No. 70, Sutter County, California. San Francisco, Calif., 1922.
Physical Description: 1 v. (various pagings) fold.plates

Box 1, folder 10  Contract and specifications for enlargement and construction of irrigation canals in Reclamation District No. 70, Sutter County, California. San Francisco, California, 1923.
Physical Description: 1 v. (various pagings), fold.plates

Box 1, folder 11  Report to Alameda Sugar Company on rights of way for irrigation system in Reclamation District No. 70. San Francisco, Calif., 1923.
Physical Description: 32 p. maps

Box 1, folder 12  Report to the Alameda Sugar Company on the valuation of the irrigation systems of the Alameda Sugar Company in Reclamation District 70. San Francisco, California, 1923.
Physical Description: 1 v. (various pagings)

Box 1, folder 13  Report to American River Water Power Company on proposed water supply for East Bay Utilities District. San Francisco, Calif., 1923.
Physical Description: 31 p. plates, clippings, illus

Physical Description: 23 p. fold.plates, charts, maps

Physical Description: 4 p. maps

Physical Description: 115 p. illus., tables, plates

Physical Description: 11 v. charts

Physical Description: 1 v. (unnumbered)
Box 1, folder 19  Preorganization report to Organization Committee proposed Arbuckle Irrigation District Project. San Francisco, Calif., 1931.
   Physical Description: 1 v. (various pagings) charts, maps

Box 1, folder 20  Report to Alameda Investment Company on Bay Farm Island, Alameda County, California, by George A. Posey, and Fred H. Tibbetts. San Francisco, Calif., 1924
   Physical Description: 81 p. maps, plates, fold.plates in pocket

Box 2, folder 21  Report to the Big Springs Water Company on the Big Springs Irrigation Project in Siskiyou County, California. San Francisco, Calif., 1923.
   Physical Description: 33 p. plates, illus

Box 2, folder 22  Report to Western Mortgage and Guaranty Company on Extension of Big Springs Ditch through Sections 20 and 21, Twp. 44 N., R. 5W., Siskiyou County, California. San Francisco, Calif., 1922.
   Physical Description: 4 p. maps

Box 2, folder 23  Report to City Engineer of Berkeley on estimated cost of Sacramento River filtered water for Berkeley, California. San Francisco, Calif., 1917.
   Physical Description: 4 pages

Box 2, folder 24  Report to the Board of Directors of the Byron Bethany Irrigation District, Byron, California on valuation of real and personal property of Byron Bethany Irrigation Company. San Francisco, Calif., 1920.
   Physical Description: 24 p. illus. fold.maps

Box 2, folder 25  Report to the Board of Directors of the Byron-Bethany Irrigation District on extensions and enlargements to present irrigation system with special provisions for the town of Byron and appendix on valuation of real and personal property of the Byron-Bethany Irrigation Company. San Francisco, Calif., 1920.
   Physical Description: 85 p. illus., maps, plates

Box 2, folder 26  Report to the Board of Directors of Byron-Bethany Irrigation District, Byron, California on reconstruction, extensions and enlargements to present irrigation system. San Francisco, Calif., 1921.
   Physical Description: 26 p. illus., plates

Box 2, folder 27  Report to Colusa County Land Company, Mr. J.F. Campbell, President, Colusa, California on the irrigation of a portion of the Stovall-Wilcoxson Ranch in Colusa County, California. San Francisco, Calif., 1922.
   Physical Description: 2 v. plates (Project report nos. 25 and 27)

   Physical Description: 11 p. maps

Box 2, folder 29  Contract and specifications for the construction of irrigation ditches near Williams, Colusa County, California. San Francisco, Calif., 1925.
   Physical Description: 1 v. (various pagings) charts, notes

Box 2, folder 30  Report to Colusa Water Association on preliminary cost estimates for proposed rice irrigation project, Colusa County, Calif., by Haviland Tibbetts, Chas. de St.Maurice, and Sanderson Porter, civil engineers; Project report. no. 1-3. San Francisco, Calif., 1916.
   Physical Description: 3 v. plates
Box 2, folder 31  Report to Honorable City Council, City of Corcoran, Corcoran, California on proposed enlargement to present water system. San Francisco, Calif., 1918
   Physical Description: 13 p. plates

Box 2, folder 32  Report on regulation of flow of the Mokelumne River. 1930.
   Physical Description: 80 p. charts

Box 2, folder 33  Progress report on groundwater in the Mokelumne area as related to the flow of Mokelumne River. San Francisco, Calif., 1931.
   Physical Description: 52 p. tables, charts

Box 3, folder 34  Analysis of water level fluctuations in wells in Mokelumne area for period 1926-1930. 1932.
   Physical Description: 57 p. charts, tables

   Physical Description: 1 v. (various pagings) notes, charts, table

   Physical Description: 21 p. charts

Box 3, folder 37  Report to A.D. Edmonston, Deputy State Engineer in charge of Water Resources Investigation on Sacramento Valley--duty of water. San Francisco, Calif., 1930
   Physical Description: 4 p. notes

Box 3, folder 38  Report to A.D. Edmonston, Deputy State Engineer in charge of Water Resources Investigation on observations on inspection of Sacramento, Trinity and Clear Creek Dam Sites. San Francisco, Calif., 1930.
   Physical Description: 11 pages

   Physical Description: 21 p. tables, plates

Box 3, folder 40  Preliminary report to Water Advisory Committee on East Central San Joaquin Water Conservation Project. San Francisco, Calif., 1937.
   Physical Description: 62 p. plates

   Physical Description: 14 p. tables

Box 3, folder 42  Report to El Camino Irrigation District on acquisition and completion of an irrigation system. San Francisco, Calif., 1926.
   Physical Description: 105 p. illus., tables, plates

Box 3, folder 43  Contract and specification for drilling and casing three irrigation wells in El Camino Irrigation District, Tehama County, California. Proberta, Calif., 1927
   Physical Description: 1 v. (various pagings) plates
Contract and specifications for furnishing and laying of concrete irrigation pipe lines and appurtenant stand-pipes, air vents, valves and outlets (and gates) in the El Camino Irrigation District, Tehama County, California; project report; nos. 2 5. Proberta, Calif., 1927.

Physical Description: 2 v. (various pagings) plates

Contract and specifications for furnishing and installing three deep-well pumping plants in the El Camino Irrigation District, Tehama County, California. Proberta, Calif., 1927.

Physical Description: 1 v. (various pagings) plates

Report to the California Bond Certification Commission on construction progress in the El Camino Irrigation District. San Francisco, Calif., 1927

Physical Description: 2 v. (Construction progress report nos. 1 and 2)

Report to Mr. J. Harbinson on Elkhorn Reclamation District. San Francisco, Calif., 1911.

Physical Description: 9+ p. fold.plates


Physical Description: 13 p. illus., plates, maps

Preliminary report to Mr. J.B. Gottstein, Anchorage, Alaska on proposed combined utility project for Fairbanks, Alaska. San Francisco, Calif., 1929

Physical Description: 31 p. illus., tables, fold.maps

Preliminary engineering report to Mr. Scott McArthur, Mcarthur, Shasta County, California on Fall River Valley Irrigation District. San Francisco, Calif., 1920.

Physical Description: 4 pages

Report to the Honorable Board of Directors of the Fall River Valley Irrigation District, Glenburn, Shasta County, California on water requirements. San Francisco, Calif., 1922.

Physical Description: 10 pages

Report to the Honorable Board of Directors, Fall River Valley Irrigation District, Glenburn, Shasta County, California on irrigation of central division. San Francisco, Calif., 1923.

Physical Description: 5 p. maps

Report to George N. Farnsworth, Esq. on irrigation of Farnsworth Ranch near Sycamore, Colusa County, California. San Francisco, Calif., 1923.

Physical Description: 41 p. illus., plates


Physical Description: 8 p. plates


Physical Description: 7 p. plates

Report to Mr. J.W. Forgeus on irrigation of lands near Williams, California. San Francisco, Calif., 1925.

Physical Description: 1 v. (unpaged) fold.maps
| Box 3, folder 57 | Fresno sewage disposal; preliminary memorandum to the Honorable City Commission, Fresno, California, by George L. Hoxie, A.M. Jensen and Fred H. Tibbetts. Fresno, Calif., 1922. Physical Description: 12 p. illus |
| Box 3, folder 58 | Report to the Board of Commissioners of the City of Fresno on sewage disposal plans for Fresno, California, by George L. Hoxie, Andrew M. Jensen and Fred H. Tibbetts. Fresno, Calif., 1922. Physical Description: 161 p. illus., plates, clippings |
| Box 3, folder 59 | Report to City of Gilroy on proposed pipe line Uvas Dam to City Reservoir. San Francisco, Calif., 1955. Physical Description: 1 v. (unpaged) maps, charts |
| Box 3, folder 60 | Preliminary report to Mr. Norman O. Glover on proposed interceptor drain near Winters, California. San Francisco, Calif., 1956. Physical Description: 3 p. maps |
| Box 4, folder 61 | Grenada Irrigation District; project reports to the Honorable Board of Directors, and to Mr. C.F. Gorman, Vice President of the Western Mortgage Guaranty Co. San Francisco, 1921-1923. Physical Description: 16 v. in 14. maps, charts, illus |
| Box 5, folder 62 | Report on proposed Guadelupe Lake Drainage Project, Betteravia, Santa Barbara County, California. San Francisco, Calif., 1911. Physical Description: 9 l. maps, plates (part fold) |
| Box 5, folder 63 | Report to Mr. C.D. Hill on Hill-Samson water supply from Trinity River. San Francisco, Calif., 1924. Physical Description: 8 p. charts |
| Box 5, folder 64 | Report to Indians Hunting and Fishing Club on water supply and proposed reservoir and pipe lines. San Francisco, Calif., 1928. Physical Description: 20 pages |
| Box 5, folder 65 | Report to Santa Lucia Mountain Ranch Club (Formerly Indians Hunting and Fishing Club) on improvements to present water and sewage systems. San Francisco, Calif., 1930. Physical Description: 9 pages |
| Box 5, folder 66 | Report to Mr. A.B. Jackson, Colusa, California on water supply for rice irrigation on rim land of lower Colusa Basin, Colusa and Yolo Counties, California. San Francisco, Calif., 1919. Physical Description: 5 p. maps |
| Box 5, folder 67 | Preliminary report to Mr. O.D. Lambert on a Sacramento River water supply for District 5 of the Solano Irrigation District and for nearby municipalities. San Francisco, Calif., 1951. Physical Description: 24 p. maps |
| Box 5, folder 68 | Report to the Linden Irrigation District, San Joaquin County, California on gravity diversion and pumping diversion alternative projects; containing appendix on Salt Springs Reservoir. San Francisco, Calif., 1931. Physical Description: 11 l. charts, letters, notes |
| Box 5, folder 69 | Report to the Linden Irrigation District, San Joaquin County, California on underground water supply plans for providing additional irrigation supply; project reports nos. 1 3. San Francisco Calif., 1930-1931.  
Physical Description: 2 v. illus., plates (part fold.) |
| Box 5, folder 70 | Report to Little Shasta Valley water users on proposed storage project, Siskiyou County, California. San Francisco, Calif., 1924.  
Physical Description: 11 l. plates, maps, notes |
| Box 5, folder 71 | Report to Lovelock Irrigation District, Lovelock, Nevada on project water supply. San Francisco, Calif., 1928.  
Physical Description: 36 l. tables, maps, plates, letters |
| Box 5, folder 72 | Report on Humboldt River storage for Lovelock Valley, Lovelock, Nevada. Reno, Nev., undated  
Physical Description: 19 p. maps, tables |
| Box 5, folder 73 | Lovelock Irrigation District, Pershing County, Nevada; appraisal and agricultural report. San Francisco, Calif., 1927.  
Physical Description: 10 p. plates |
| Box 5, folder 74 | Lovelock Irrigation District; specifications--contract-proposals for construction of the Oreana Dam, Pershing County, Nevada. Lovelock, Nev., undated  
Physical Description: 1 v. (unpaged) |
| Box 5, folder 75 | Specifications and other contract documents for the construction of the Bon Tempe Dam and appurtenances including advertisement for bids, information for bidders proposal, agreement, specifications and plans. San Francisco, Calif., 1948  
Physical Description: 73 p. maps, charts |
| Box 5, folder 76 | Earth material for Bon Tempe Dam, Lagunitas Creek, near Fairfax, Calif.; report of laboratory tests. San Francisco, Calif., 1948.  
Physical Description: 6 l. charts |
| Box 5, folder 77 | Preliminary report to the Honorable Board of Directors of the Marin Municipal Water District on the Bon Tempe Project as to the location of works and facilities and as to their character and feasibility. San Francisco, Calif., 1947  
Physical Description: 17 l |
| Box 5, folder 78 | Report to the Honorable Board of Directors of the Marin Municipal Water District on the estimated cost of the Bon Tempe Project. San Francisco, Calif., 1948  
Physical Description: 10 l. fold.charts |
| Box 5, folder 79 | Specifications for the repair of the Stockton Creek Dam, including advertisement for bids, information for bidders, proposal, agreement, specifications plans. San Francisco, Calif., 1951.  
Physical Description: 56 l. charts |
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<td>Report to the Honorable Board of Directors of the Merced Irrigation District on capacity of the main canal, by Ralph Wadsworth, Raymond Matthew and W.R. McCarthy. San Francisco, 1927. Physical Description: 5 l. illus</td>
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<td>Report to Miller Lux, Inc. on review of valuations of Board of Review. San Francisco, Calif., 1926. Physical Description: 19 l. charts, letters</td>
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<td>6, folder 83</td>
<td>Report on Municipal Harbor Project for the City of Monterey, California, February 1920, to the Honorable City Council of the City of Monterey, California. San Francisco, Calif., 1920. Physical Description: 1 v. (various pagings) illus., maps, plates</td>
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<td>Report to the City of Monterey, California on municipal harbor improvement. San Francisco, Calif., 1922. Physical Description: 39 l. maps, plates</td>
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<td>6, folder 85</td>
<td>Report to Mr. Merle B. Moon, Mills Building, San Francisco, California, on the water supply of tract near Los Altos, Santa Clara County, California. San Francisco, Calif., 1922. Physical Description: 28 l. maps, plates, tables</td>
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<td>Report to Stanley Moore on lateral to serve lands of Mrs. Moore near Williams, Calif. San Francisco, Calif., 1924. Physical Description: 3 l. plates</td>
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<td>Preliminary report to Farm Bureau Irrigation Committee, Nevada Irrigation District on organization of proposed district. San Francisco, Calif., 1921 Physical Description: 97 l. illus., plates, clippings</td>
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<td>Report to the Nevada Irrigation District, Nevada County, California, on water supply, power development, irrigation distribution. San Francisco, Calif., 1922. Physical Description: 235 p. illus., plates, maps (part fold.)</td>
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<td>Report to Mr. F.H. Fowler and Mr. H.A. Kluegel in the matter of Yuba Development Company Project, Excelsior Water and Mining Company Project and Nevada Irrigation District (Protestant). San Francisco, Calif., 1922. Physical Description: 1 v. (various pagings) maps</td>
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**Contracts, specifications, proposals for the construction of the Mountain Division Works, Nevada County, California. San Francisco, Calif., 1925.**

Physical Description: 108 p. fold.maps in rear, fold.plates in rear

Box 7, folder 95  
**Report of the District's Engineer to the Federal Power Commission on additional information and data for project of Nevada Irrigation District. San Francisco, Calif., 1925.**

Physical Description: 24 l

Box 7, folder 96  
**Specifications for the construction of power line from Spaulding Power House to south portal of Milton Bowman Tunnel, Nevada County, California. San Francisco, Calif., 1925.**

Physical Description: 6 l. fold.plates in rear

Box 7, folder 97  
**Report to the Honorable Board of Directors of the Nevada Irrigation District on Bowman Reservoir properties of the Lakemont Gold Mining Company. San Francisco, Calif., 1925.**

Physical Description: 1 v. (various pagings) illus., tables, fold.maps

Box 7, folder 98  
**Report to the Honorable Board of Directors of the Nevada Irrigation District, Grass Valley, California on water supply for irrigation, initial development program. San Francisco, Calif., 1925.**

Physical Description: 6 l. charts

Box 7, folder 99  
**Specifications for construction of the Mountain Division Works, Bowman Lake Road Unit no. 1. San Francisco, Calif., 1926.**

Physical Description: 18 l. fold.charts in rear

Box 7, folder 100  
**Contract, proposal and specifications for Contract No. 5-A for furnishing needle valve, Mountain Division Construction. San Francisco, Calif., 1926**

Physical Description: 1 v. (various pageings)

Box 7, folder 101  
**Contract, proposal and specifications for Contract No. 5-B for furnishing emergency gates, Mountain Division Construction. San Francisco Calif., 1926**

Physical Description: 1 v. (various paging)

Box 7, folder 102  
**Report to Nevada Irrigation District on maintenance work for Excelsior Ditch System for 1926 operating season. San Francisco, California, 1926.**

Physical Description: 1 v. (unnumbered)

Box 7, folder 103  
**Report to Nevada Irrigation District on water applications of Excelsior Water and Power Co. San Francisco, California, 1926.**

Physical Description: 4 p. fold.maps

Box 7, folder 104  
**Report to Nevada Irrigation District on Beat River diversion and storage (particularly at the Parker Reservoir Site). San Francisco, California, 1926**

Physical Description: 28 l. fold.plates, maps

Box 7, folder 105  
**Report to Nevada Irrigation District on appraisal of Pacific Gas Electric Co's water system in Nevada County. San Francisco, California, 1926**

Physical Description: 50 l. illus., fold.plates

Box 8, folder 106  
**Report to California Bond Certification Commission on construction progress of Nevada Irrigation District; monthly construction report. no. 1-31. San Francisco, California, 1926-1928.**

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<td>Report to the Honorable Board of Directors of the Nevada Irrigation District on completion of irrigation system particularly in Placer County. San Francisco, California, 1927. Physical Description: 151 p. illus., fold.maps, charts</td>
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<td>Report on chronological statements of the Nevada Irrigation District development. San Francisco, California, 1927. Physical Description: 1 v. (various paging)</td>
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<td>Box 9, folder 110</td>
<td>Report to Honorable Board of Directors of the Nevada Irrigation District on construction of Clear Creek, Pet Hill and Forest Springs Laterals. San Francisco, California, 1927. Physical Description: 1 v. (unnumbered)</td>
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<td>Contract - specifications, proposal for the construction of the district division works - Deer Creek Diversion Dam. Grass Valley, California, 1927 Physical Description: 20 l. fold maps, fold.charts</td>
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<td>Contracts - specifications, proposals for the construction of the district division works; project report. No. 58, 61, 64. Grass Valley, California, 1927 Physical Description: 3 v. fold.maps, fold.charts</td>
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<td>Report to the Honorable Board of Directors of the Nevada Irrigation District on the measurement of diversions flow of streams in the Nevada Irrigation District, 1926 season. San Francisco, California, 1928. Physical Description: 39 l. fold.maps, fold.charts</td>
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<td>Box 9, folder 115</td>
<td>Report to the Honorable Board of Directors of the Nevada Irrigation District on the measurement of diversions flow of streams in the Nevada Irrigation District, 1927 season. Physical Description: 35 l. fold.maps, fold.charts</td>
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Box 9, folder 121  Revision of Lincoln-Newcastle project report (report no. 298), incorporating suggestions of Mr. Wisker of May 12, 1926. San Francisco, California 1926

Physical Description: 12 l

Box 10, folder 122  Contracts - specifications, proposals for the construction of the district division works distribution system canals, laterals, pipe-lines and structures. Grass Valley, California, 1926.

Physical Description: 61 l. fold.maps, fold.charts

Box 10, folder 123  Contracts - specifications - proposals for the construction of the mountain division works, Bowman Lake road, Unit no. 2. Grass Valley, California, 1926

Physical Description: 12 l. fold.charts

Box 10, folder 124  Report to Nevada Irrigation District on hydrographic surveys in mountain division for 1925-1926 season. San Francisco, California, 1926.

Physical Description: 10 l. fold.maps

Box 10, folder 125  Report to Nevada Irrigation District on appraisal of Pacific Gas Electric Company's water system in Nevada County. (Revision of appraisal of February 20, 1926). San Francisco, California, 1926.

Physical Description: 51 l. illus., fold.plates

Box 10, folder 126  Report to Nevada Irrigation District on acquisition and enlargement of Robinson-Smith-Gordon Ditch. San Francisco, California, 1926.

Physical Description: 7 l

Box 10, folder 127  Report to Honorable Board of Directors of the Nevada Irrigation District on proposed Bowman Dam power plant. San Francisco, California, 1926.

Physical Description: 14 l. fold.plates

Box 10, folder 128  Report to Honorable Board of Directors of the Nevada Irrigation District on proposed DS canal. San Francisco, California, 1926.

Physical Description: 4 l. fold.plates

Box 10, folder 129  Report to the Honorable Board of Directors of the Nevada Irrigation District on water available for the River Mines Company. San Francisco, California, 1927

Physical Description: 38 l. fold.charts

Box 10, folder 130  Report to the Honorable Board of Directors of the Nevada Irrigation District on water available for Swamp Angel Mine. San Francisco, California, 1927

Physical Description: 22 l. fold.maps, fold.charts

Box 10, folder 131  Report to the Honorable Board of Directors of the Nevada Irrigation District on potential power development. San Francisco, California, 1927.

Physical Description: 212 l. illus., fold.plates

Box 10, folder 132  Contracts - specifications, proposals for the construction of the Mountain Division Works, Milton Diversion Dam, Milton Pipe Line. Grass Valley, California, 1927.

Physical Description: 29 l. fold.maps, fold.charts
Box 10, folder 133  Report to Honorable Board of Directors of the Nevada Irrigation District on preliminary estimate power line to Gaston Mine. San Francisco, California, 1928
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Box 10, folder 134  Report of Honorable Board of Directors of the Nevada Irrigation District - progress report on mountain water supply. San Francisco, California, 1928
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Box 10, folder 135  Report to Mr. Fred M. Miller, General Manager, Nevada Irrigation District on district water available for Sacramento City. San Francisco, California, 1928
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Box 10, folder 136  Report to Edward Hyatt, State Engineer on summary of construction expenditures to July 1, 1928. San Francisco, California, 1928.
Physical Description: 11 l. fold.maps

Box 10, folder 137  Report to the Honorable Board of Directors, Nevada Irrigation District on Bowman Lake construction work for December, 1928. San Francisco, California, 1928
Physical Description: 23 l. fold.charts

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Box 10, folder 139  Report to the Honorable Board of Directors of the Nevada Irrigation District on approval of sale of bonds. San Francisco, California, 1928.
Physical Description: 2 v

Box 10, folder 140  Report to the Honorable Board of Directors of the Nevada Irrigation District--modifications of Project report no. 52. San Francisco, California, 1928
Physical Description: 6 l

Box 11, folder 141  Contract and specifications for a portion of final additions and betterments 1928-1929, Mountain Division Works; project report. no. 91-99. San Francisco, California, 1928-1929.
Physical Description: 12 v

Box 11, folder 142  Report to Nevada Irrigation District, Grass Valley, California on final additions and betterments 1928-1929, Mountain Division Works (Progress Estimates as of January 1, and February 1, 1929). San Francisco, California, 1929.
Physical Description: 2 v

Box 11, folder 143  Report to Carl Power Jones, Esq. on water supply for Sacramento obtainable through cooperation with Nevada Irrigation District. San Francisco, California, 1929
Physical Description: 73 l. illus., maps, charts

Box 11, folder 144  Description of boundary of Nevada Irrigation District. San Francisco, California, 1929.
Physical Description: 36 l

Box 11, folder 145  Report to the California Debris Commission on Deer Creek and Van Giesen Diversion Dams to accompany application for permit to store mine tailings. San Francisco, California, 1929.
Physical Description: 1 v. (various paging) fold.maps, charts
Box 11, folder 146  Report to the Honorable Board of Directors of the Nevada Irrigation District on Bowman-Spaulding Conduit; final report on flume re-construction, May-June 1929. San Francisco, California, 1929.
Physical Description: 6 l

Box 11, folder 147  Report to Nevada Irrigation District on inventory of materials and equipment in Mountain Division at Bowman as of July 3, 1929 and at Camp no. 19 as of August 1, 1929. San Francisco, California, 1929.
Physical Description: 18 l

Box 11, folder 148  Report to Honorable Board of Directors of Nevada Irrigation District on D.S. canal Extension, Wolf Creek to Osborn Hill. San Francisco, California, 1934
Physical Description: 47 l. maps, charts

Box 11, folder 149  Report to the Honorable Board of Directors of the Nevada Irrigation District on sale of additional bonds. San Francisco, California, 1931.
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Box 11, folder 151  Report to the Honorable Board of Directors of the Nevada Irrigation District on the economics of the Weaver-Bowman development. San Francisco, California, 1939
Physical Description: 63 l. maps

Box 11, folder 152  Specifications for alterations to the French Lake Dam. San Francisco, Calif., 1945.
Physical Description: 18 l. charts

Box 11, folder 153  Specifications for the construction of the foundation, or first stage, of the Scotts Flat Dam. San Francisco, California, 1945.
Physical Description: 55 l. fold.maps, fold.charts

Box 12, folder 154  Specifications for alterations to the guard over the emergency gate track of the Bowmsn North Rockfill Dam. San Francisco, California, 1945.
Physical Description: 5 l. fold.charts

Box 12, folder 155  Specifications for pressure grouting the arch ring of the Bowman South Arch Dam. San Francisco, California, 1945.
Physical Description: 6 l. fold.charts

Box 12, folder 156  Specifications and other contract documents for the construction of the D-S canal extension, clearing and earthwork; project report. no. 118-131. San Francisco, California, 1946-1947.
Physical Description: 8 v. maps, charts

Box 12, folder 157  Specifications for the construction of the Scotts Flatt Dam and appurtenances. San Francisco, California, 1946.
Physical Description: 1 v. (unnumbered) charts

Box 12, folder 158  Specifications and other contract documents for the construction of the Scotts Flat Dam and appurtenances. San Francisco, California, 1947.
Physical Description: 66 p. maps, charts
Physical Description: 7 l

Physical Description: 52 p. fold.charts

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Specifications and other contract documents for the construction of the Upper Gold Hill Flume. San Francisco, California, 1947.
Physical Description: 36 p. fold.charts

Preliminary report to the Honorable Board of Directors of the Nevada Irrigation District on additional water supply. San Francisco, California, 1956
Physical Description: 15 l

entered into between Nevada Irrigation District and Pacific Gas and Electric Company, 1924-1933.
Physical Description: 63 pages

District and Pacific Gas and Electric Company, dated June 7, 1943
Physical Description: 37 pages

A bulletin of information and report. Grass Valley, California, 1924
Physical Description: 30 p. maps

Report on the formation of the proposed Nevada Irrigation District. Sacramento, California, 1921.
Physical Description: 26 l

Physical Description: 1 v. (unnumbered) illus., charts

Nevada Irrigation District power contracts. , 1925.
Physical Description: 1 v. (various pagings)

Physical Description: 43 l. maps, charts

Physical Description: 7 l

Report covering certain features of the power situation in connection with application of Excelsior Water and Power Co. for permits from the Federal Water Power Commission and the State Department of Public Works, Division of Water Rights , 1922
Physical Description: 26 l. charts
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<td>Report on the geological features of the Mountain Division of the Nevada Irrigation District with special reference to present proposed construction. San Francisco, California, 1925.</td>
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<td>General review of physical and economic condition of Nevada Irrigation District, California. Los Angeles, California, 1930.</td>
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<td>Tarr Ditch water rights, copy of option Engineer's report, by R.E. Hartley and Sidney Woods. Oakdale, California, 1924.</td>
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<td>Report to the Nevada Irrigation District Bondholders' Advisory Committee on the 1943 modification of the refunding plan. San Francisco, California, 1943</td>
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Physical Description: 32 pages

Box 13, folder 189  Memoranda and data on core drilling at Bear River Dam Site--1927
Physical Description: 1 v. (various paging)

Box 13, folder 190  Analysis and cost estimate of plan of Nevada Irrigation District to deliver eighty thousand acre feet of water through the South Yuba and Drum Canals. San Francisco, California, 1921.
Physical Description: 22 l. illus., maps, charts

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Box 13, folder 192  Supplemental Data on NID watersheds, precipitation, run-off and water supply.
Physical Description: 12 l

Physical Description: 3 l

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Box 13, folder 195  Report to the Honorable Board of Directors of the North Marin County Water District on water resources. San Francisco, Calif., 1950.
Physical Description: 50 l. maps, charts

Box 13, folder 196  Report to the Honorable Board of Directors of the North Marin County Water District on water supply development. San Francisco, Calif., 1957.
Physical Description: 56 l. maps, charts

Physical Description: 5 l. charts

Box 13, folder 198  Report to the Honorable City Council of the City of Oroville on flood conditions in the Feather River opposite the City of Oroville. San Francisco, Calif., 1939.
Physical Description: 40 l. maps, charts

Box 13, folder 199  Report to the Honorable City Council of the City of Oroville on dredging operations in the Feather River opposite the City of Oroville. San Francisco Calif., 1940.
Physical Description: 24 l. maps, charts

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| Box 14, folder 201 | Report to the Honorable Board of Directors, Pacheco Pass Water District on water supply and well replenishment project; project report. no. 1, 3. San Francisco, California, 1935, 1936.  
Physical Description: 2 v. maps, charts |
| Box 14, folder 202 | Contracts, proposals, specifications, maps for the construction of the North Fork Dam and spillway; construction contract. no. 2 D-2 V. San Francisco, Calif., 1937-1939.  
Physical Description: 6 v. maps, charts |
Physical Description: 1 v. (various paging) maps, charts |
| Box 14, folder 204 | Preliminary report to Mr. P.M. Downing, Chief Engineer, Pacific Gas and Electric Company, San Francisco, California, on Auburn Ravine - channel deterioration. San Francisco, California, 1918.  
Physical Description: 3 l. illus |
| Box 14, folder 205 | Report to the Honorable Board of Directors of the Paradise Irrigation District on additional water supply; project report. no. 1,2. San Francisco, California, 1946-1947.  
Physical Description: 2 v |
| Box 14, folder 206 | Preliminary report to Placer County Water User's Association on water rate investigation. San Francisco, California, 1932.  
Physical Description: 30 l. maps |
| Box 14, folder 207 | Report to the Land Owners Committee for the proposed Prosperity Irrigation District, Tehama County, California on preliminary cost estimates; report. no. 1-2. San Francisco, California, 1923.  
Physical Description: 2 v. illus., maps, charts, clippings |
| Box 15, folder 208 | Report to Real Estate Corporation of California, Oakland, California on water supply for Oak Springs, Contra Costa County, California. San Francisco, California, 1930.  
Physical Description: 28 l. maps |
| Box 15, folder 209 | Final report on costs - Butte Slough by-pass 2000 foot clearing project of 1915. San Francisco, California, 1918.  
Physical Description: 5 l |
Physical Description: 8 l |
| Box 15, folder 211 | Report to the Honorable Board of Trustees Reclamation District No. 70 on annual river levee inspection; project report. no. 20, 37. San Francisco, California, 1922, 1927.  
Physical Description: 2 v. illus |
| Box 15, folder 212 | Contract and specifications for cleaning out and enlarging drainage laterals and ditches, Sutter County, California. San Francisco, California, 1923.  
Physical Description: 9 l |
| Box 15, folder 213 | Contract and specifications for cleaning out and enlarging main drainage canal, Sutter County, California. San Francisco, Calif., 1923.  
Physical Description: 8 l. charts |
| Box 15, folder 214 | Report to Reclamation District No. 70 on protection of caving banks at the Yates Orchard. San Francisco, California, 1923.  
Physical Description: 4 l. illus., charts |
| Box 15, folder 215 | Contract and specifications for grading and rebuilding a portion of the river levee of Reclamation District No. 70 in Sutter County, California. San Francisco, California, 1923.  
Physical Description: 1 v. (various paging) charts |
| Box 15, folder 216 | Contract and specifications for the co-construction of 700 feet of timber mattress revetment on the river levee of Reclamation District No. 70 in Sutter County, California. San Francisco, California, 1923.  
Physical Description: 1 v. (various paging) charts |
| Box 15, folder 217 | Preliminary report to the Honorable Board of Trustees of Reclamation District No. 70, Meridian, Sutter County, Calif. on project for moving main pumping plant to river. San Francisco, California, 1919.  
Physical Description: 1 v. (various paging) illus., charts |
| Box 15, folder 218 | Report to Board of Trustees, Reclamation District No. 70, Meridian, Sutter County, California on Birks River levee reconstruction. San Francisco, California, 1923.  
Physical Description: 10 l. illus., charts |
| Box 15, folder 219 | Contract and specifications for construction of a drainage pumping plant near Meridian, Sutter County, Calif. San Francisco, California, 1924.  
Physical Description: 1 v. (various paging) maps, charts |
| Box 15, folder 220 | Report to the Honorable Board of Trustees of Reclamation District No. 70 Sutter County, California on completion of drainage pumping plant. San Francisco, California, 1925.  
Physical Description: 1 v. (unnumbered) maps |
| Box 15, folder 221 | Report to Honorable Board of Trustees of Reclamation District No. 70 on revetment of canal banks near pumping plant. San Francisco, California, 1925  
Physical Description: 5 l. charts |
| Box 15, folder 222 | Report to Honorable Board of Trustees of Reclamation District No. 70 on additional and supplemental works necessary for the reclamation and drainage of the lands within the district; project report. no. 30, 35. San Francisco, California, 1925.  
Physical Description: 2 v. maps, charts |
| Box 15, folder 223 | Report to the Honorable Board of Trustees of Reclamation District No. 70 on river levee reconstruction. San Francisco, California, 1925.  
Physical Description: 6 l. maps, charts |
| Box 15, folder 224 | Report to Honorable Board of Trustees of Reclamation District No. 70 on reconstruction of river levee at Warnock Place. San Francisco, California, 1925  
Physical Description: 4 l. charts |
| Box 15, folder 225 | Report to the Honorable Board of Trustees of Reclamation District No. 70 on main drainage canal. San Francisco, California, 1925.  
Physical Description: 2 l. charts |
| Box 15, folder 226 | Contract and specifications for deepening and enlarging lateral no. 5 and a portion of the main drainage canal, Sutter County, California. San Francisco, California, 1925.  
Physical Description: 1 v. (various paging) charts |
| Box 15, folder 227 | Report to Honorable Board of Trustees of Reclamation District No. 70 on river levee reconstruction. San Francisco, California, 1926.  
Physical Description: 5 l. maps |
| Box 15, folder 228 | Contract and specifications for construction of a cut-off levee at the upper end of the Birks property, Sutter County, California. San Francisco, California, 1927.  
Physical Description: 1 v. (unnumbered) maps |
| Box 15, folder 229 | Report to Board of Trustees, Reclamation District No. 70 on levee repair work, September 1927 to April 1928. San Francisco, California, 1928.  
Physical Description: 8 l |
| Box 15, folder 230 | Specifications for the reconstruction of the levee system of Reclamation District No. 70, Sutter County, California, between Reclamation District No. 70 and Dozier Construction Engineering Company. San Francisco, California, 1912  
Physical Description: 1 v. (various paging) |
| Box 15, folder 231 | Report to Mr. E.R. Lilienthal, V.P., Alameda Farms Company on levee maintenance and drainage work. San Francisco, California, 1914.  
Physical Description: 3 l |
| Box 15, folder 232 | Report to trustees of Reclamation District No. 70 Meridian, Sutter County, California. San Francisco, California, 1912.  
Physical Description: 58 l. charts |
| Box 15, folder 233 | Report to trustees of Reclamation District No. 70 - plan for reconstruction of levees and clearing of Butte Slough. San Francisco, California, 1912.  
Physical Description: 19 l |
| Box 15, folder 234 | Report to the Board of Trustees of Reclamation District No. 70 on levee inspection of August 1920 and proposed levee reconstruction. San Francisco, California, 1920.  
Physical Description: 21 l. illus., maps, charts |
| Box 16, folder 235 | Report to Board of Trustees of Reclamation District No. 70 on 1918 inspection of river levee. San Francisco, California, 1918.  
Physical Description: 10 l. illus., charts |
| Box 16, folder 236 | Report to the Honorable Board of Trustees of Reclamation District No. 70, Meridian, California on 1921 reconstruction of Butte Slough Levee and on annual inspection of levee system. San Francisco, California, 1921.  
Physical Description: 13 l. maps, charts |
| Box 16, folder 237 | Report to the Honorable Board of Trustees of Reclamation District No. 70, Meridian, Sutter County, California on levee repairs and bank protection for fall of 1914. San Francisco, California, 1914.  
Physical Description: 13 l. illus |
| Box 16, folder 238 | Contract and specifications for constructing south levee, raising back levee, rebuilding portion of river levee of Reclamation District No. 70, Sutter County, California. San Francisco, California, 1919.  
Physical Description: 4 l. maps, charts |
| Box 16, folder 239 | Specifications for completion of the Butte Slough Levee of Reclamation District No. 70, Sutter County, California. San Francisco, California, 1921  
Physical Description: 2 l. maps, charts |
| Box 16, folder 240 | Report to the Honorable Board of Trustees of Reclamation District No. 70, on additional, and supplemental plans of reclamation. San Francisco, California, 1921  
Physical Description: 9 l. maps, charts |
| Box 16, folder 241 | Contract and specifications for deepening main drainage canal and reconstructing two timber bridges and one irrigation flume crossing and installing drainage inlets, Sutter County, California. San Francisco, California, 1922  
Physical Description: 1 v. (various paging) maps, charts |
| Box 16, folder 242 | Contract and specifications for cleaning out and enlarging drainage canals, laterals and ditches of Reclamation District No. 70. San Francisco, California, 1921  
Physical Description: 1 v. (various paging) |
| Box 16, folder 243 | Contract and specifications for cleaning out, enlarging and extending Lateral No. 1, Reclamation District No. 70 in Sutter County, California. San Francisco, California, 1922.  
Physical Description: 2 l. maps, charts |
| Box 16, folder 244 | Preliminary report to the Honorable Board of Trustees of Reclamation District No. 70, Meridian, Sutter County, California, on Reclamation District No. 70 drainage system. San Francisco, California, 1914.  
Physical Description: 22 l. maps, charts |
| Box 16, folder 245 | Contract and specifications for construction of a drainage ditch along centerline of secs. 2 and 11, T.14 N. - R. 1 E. in Reclamation District No. 70, Sutter County, California. San Francisco, California, 1919.  
Physical Description: 2 l. maps, charts |
| Box 16, folder 246 | Contract and specifications for cleaning out, enlarging and extending seepage ditch S-1 in Reclamation District No. 70 in Sutter County, California. San Francisco, California, 1922.  
Physical Description: 1 v. (various paging) charts |
| Box 16, folder 247 | Report to Mr. Geo. E. Springer, Trustee, Reclamation District No. 70 on Sutter-Butte By-pass. San Francisco, California, 1921.  
Physical Description: 6 l. charts |
| Box 16, folder 248 | Report on a project for the disposal of sewage and for the extension and improvement of the sewer system of the City of Stockton, California, together with an estimate of the cost thereof. San Francisco, California, 1914.  
Physical Description: 13 l. maps, charts, tables |
| Box 16, folder 249 | Report on a project for the disposal of sewage and for the extension and improvement of the sewer system of the City of Stockton, California, together with an estimate of the cost thereof. San Francisco, California, 1915.  
Physical Description: 16 l. maps, charts, tables |
| Box 16, folder 250 | Report to the Honorable City Council of the City of Stockton on a proposed municipal water supply for Stockton, California San Francisco, California, 1920  
Physical Description: 107 l. illus., maps, charts, tables |
| Box 17, folder 251 | Report to Mr. W. B. Hogan, City Engineer, Stockton, California on design and location of the Calaveras Flood Control Dam. San Francisco, California, 1924  
Physical Description: 5 l |
Box 17, folder 252  Contract, specifications, proposals for the construction of the Calaveras Flood Control Dam on the Calaveras River, California. Stockton, California, 1929
  Physical Description: 48 l. fold.charts

Box 17, folder 253  The City of Stockton, a municipal corporation, Plaintiff, vs. Pacific Gas and Electric Company, a corporation; Bankers’ Trust Company of New York, a corporation; Bankers Trust Company of San Francisco, a corporation, and Joe Doe and Richard Roe, Defendants. San Francisco, California, 1922.
  Physical Description: 19 l. tables

Box 17, folder 254  Report to the Honorable City Council of the City of Stockton on proposed strengthening of out-fall sewer. San Francisco, California, 1917.
  Physical Description: 7 l. charts

Box 17, folder 255  Notice to bidders, proposal sheets, contract, and specifications for the construction of the South municipal sewage disposal plant for the City of Stockton, California, by W.B. Hogan, Fred H. Tibbetts and Frank V. Mayo. San Francisco, Calif., 1921.
  Physical Description: 56 l. tables

Box 17, folder 256  Notice to bidders, proposal sheets, contract and specifications for sewage disposal plants. San Francisco, California, 1918.
  Physical Description: 108 l

Box 17, folder 257  Report to Grant Stauffer, water development for Stauffer Ranch near Cupertino, California. San Francisco, California, 1937.
  Physical Description: 17 l. maps, tables

Box 17, folder 258  Report on engineering improvements, Stanislaus Farms Company, Stanislaus County, California. San Francisco, California, 1923.
  Physical Description: 38 l. illus., maps, tables, charts

Box 17, folder 259  Supplementary report to Spring Valley Water Company on the artesian basin of Livermore Valley, giving an estimate of the probable yield of water. San Francisco, California, 1912.
  Physical Description: 75 l. maps, tables, charts

Box 17, folder 260  Report to the Honorable Board of Directors of the Southern San Joaquin Municipal Utility District on condition of distribution system. San Francisco, California, 1952.
  Physical Description: 11 l

Box 17, folder 261  Report to the South San Francisco Land Improvement Company on leveeing of marsh lands. San Francisco, California, 1922.
  Physical Description: 9 l. tables, charts

Box 17, folder 262  Report to Ramon Somavia, Jr. on range land reservoirs, Dam no. 4. San Francisco, California, 1940.
  Physical Description: 5 l

Box 17, folder 263  Contract, documents and specifications for furnishing and installation of concrete irrigation pipe lines and appurtenances on the Quien Sabe Ranch, San Benito County, California. San Francisco, California, 1939.
  Physical Description: 22 l. maps, tables, charts
| Box 17, folder 264 | Contract, documents and specifications for furnishing and installation of steel irrigation pipe lines and appurtenances on the Quien Sabe Ranch, San Benito County, California. San Francisco, California, 1939.  
Physical Description: 21 l. maps, charts, tables |
| Box 17, folder 265 | Completion report to Ramon Somavia, Jr. on 1939-1940 irrigation project in Big Quien Sabe Valley, Rancho Quien Sabe. San Francisco, California, 1941  
Physical Description: 10 l. illus., charts |
| Box 17, folder 266 | Completion report to J. Ramon Somavia on 1950-1951 irrigation project in Big Quien Sabe Valley, Rancho Quien Sabe. San Francisco, California, 1952.  
Physical Description: 4 l. illus., maps, charts, tables |
| Box 17, folder 267 | Specifications for the construction of Percolation Area Dam for J. Ramon Somavia, Hollister, California. San Francisco, California, 1950.  
Physical Description: 14 l |
| Box 17, folder 268 | Specifications for the construction of J.V. de Laveaga Dam for Ramon Somavia, Jr., Hollister, California. San Francisco, California, 1939.  
Physical Description: 15 l. charts |
| Box 17, folder 269 | Report on Shasta Valley Irrigation Project, Siskiyou County, California; utilizing local water supplies including Upper Trinity River. San Francisco, California, 1923.  
Physical Description: 1 v. (various paging), illus., maps, charts, clippings |
| Box 18, folder 270 | Report to Santa Ynez Irrigation Committee, Lompoc, California on Santa Ynez Irrigation Project, Santa Barbara County, California. San Francisco, California, 1925.  
Physical Description: 11 l. clippings |
| Box 18, folder 271 | Specifications and contract documents for the construction of the Ashley Creek Water Supply System. San Francisco, California, 1954.  
Physical Description: 52 l. charts, tables |
| Box 18, folder 272 | Auxiliary Eastern Canal Irrigation District - Contract with Salt River Valley Water Users Ass’n. San Francisco, California, 1924.  
Physical Description: 4 l |
| Box 18, folder 273 | Memorandum on inspection of canal lining in California. , 1925.  
Physical Description: 5 l. illus |
| Box 18, folder 274 | Eastern Canal Irrigation District, Maricopa County, Arizona, and Jasper-Stacy Co., a California Corporation.  
Physical Description: 19 l |
| Box 18, folder 275 | District and Salt River Valley Water Users’ Association. , 1924  
Physical Description: 28 l. maps |
| Box 18, folder 276 | Report on proposed water supply for the Auxiliary Eastern Canal Irrigation District. Phoenix, Arizona, 1924.  
Physical Description: 16 l. tables |
| Box 18, folder 277 | Review of plans and cost estimates, Roosevelt Water Conservation District. Phoenix, Arizona, 1924.  
Physical Description: 17 l. charts, tables |
Box 18, folder 278  Report to the Board of Directors of the Roosevelt Water Conservation District on water supply, irrigation and cost estimates. San Francisco, California, 1924.
   Physical Description: 63 l. maps, charts, tables, clippings

Box 18, folder 279  Report to Honorable Board of Directors of the Roosevelt Water Conservation District on construction progress and revised cost estimates. San Francisco, California, 1925.
   Physical Description: 17 l. illus., tables

Box 18, folder 280  Report to Honorable Board of Directors of the Roosevelt Water Conservation District on construction progress and cost (final report - 1st construction period). San Francisco, California, 1925.
   Physical Description: 16 l. maps, tables

Box 18, folder 281  Report to Monroe, Lyon Miller, Inc. on appraisal of water system Rio Del Mar, Santa Cruz County, California. San Francisco, California, 1927.
   Physical Description: 18 l. maps, tables

Box 18, folder 282  Report to the Honorable Board of Directors of the Richmond Municipal Water District on experimental filtration plant. San Francisco, California, 1914
   Physical Description: 5 l. charts

Box 18, folder 283  Report to the United Dredging Company on comparison of soundings, Richmond Harbor. San Francisco, California, 1922.
   Physical Description: 7 l. charts, tables

Box 18, folder 285  Report on Richmond Harbor Project with supplementary report on tunnel and roadway to the Council of the City of Richmond. San Francisco, California, 1912
   Physical Description: 229 p. illus., maps, charts, tables

Box 18, folder 286  Report to the Honorable City Council of the City of Richmond on inner harbor, ship channel and sea wall. San Francisco, California, 1916.
   Physical Description: 5 l. fold.charts

Box 18, folder 287  Report to the Honorable City Council of the City of Richmond on Richmond Harbor; project report. no. 3-4. San Francisco, California, 1917.
   Physical Description: 2 v. maps, tables

   Physical Description: 23 l. fold.maps

Box 18, folder 289  Report to Carroll W. Gates on Tulare Lake Irrigation Project. San Francisco, California, 1915.
   Physical Description: 9 l. charts

Box 18, folder 290  Report to El Rico Land Company on re-survey of reclamation levees, Reclamation District No. 1618 - Tulare Lake Basin. San Francisco, California, 1919
   Physical Description: 4 l. tables, charts

Box 18, folder 291  Report to Trustees of Reclamation District No. 1618 on a plan for the complete reclamation of the lands within the District and cost estimate therefor. San Francisco, California, 1919.
   Physical Description: 13 l. maps, charts
Box 18, folder 292  Report to Assessment Board of Reclamation District No. 1618 on fluctuations of Tulare Lake 1850 to 1920. San Francisco, California, 1921.
Physical Description: 9 l. tables, fold.charts

Box 18, folder 293  Report of Board of Trustees of Reclamation District No. 1618 to Board of Supervisors of the County of Kings, State of California on plans of reclamation and estimates of cost as adopted by the said Trustees of the District San Francisco, California, 1920.
Physical Description: 1 v. (various paging) charts, tables

Box 18, folder 294  Report to Trustees of Reclamation District No. 1618 on a supplementary plan to complete the reclamation works for the protection of lands within the district and cost estimates therefor. San Francisco, California, 1919.
Physical Description: 7 l. tables, fold.charts

Box 18, folder 295  Report to Mr. R.B. Swayne on development of water supply for irrigation of ranch near Glen Ellen, Sonoma County, California. San Francisco, California, 1919
Physical Description: 7 l

Box 18, folder 296  Takata Project - report to Mr. R. Takata on irrigation of the lands of George H. Abel and E.B. Prine in T.16 and 17 N. -R3 and 4W., adjacent to central irrigation canal in Colusa County, California. San Francisco, California, 1919
Physical Description: 20 l. photos, maps, fold.charts

Box 18, folder 297  Report to Mr. Louis Tarke on Tarke Irrigation Project, Reclamation District No. 70. San Francisco, California, 1924.
Physical Description: 4 l. charts

Box 18, folder 298  Report to Frank L. Taylor, Esq. on Thornton Orchard Farms, Sacramento San Joaquin Counties, California. San Francisco, California, 1925.
Physical Description: 46 l. photos, fold.charts, maps in pocket

Box 19, folder 299  Report on additional water supply for the City of Vallejo, California from Green and Wilde Horse Valley, by Haviland Tibbetts and T.D. Kilkenny. , 1918
Physical Description: 121 l. photos, charts, maps, tables

Box 19, folder 300  Report to the Honorable Board of Trustees of the Walker River Irrigation District, Yerinton, Nev. on Bridgeport Storage Project. San Francisco, California, 1923.
Physical Description: 1 v. (various paging), photos

Physical Description: 45 l. photos, maps, fold.charts

Physical Description: 1 v. (unnumbered) tables

Box 19, folder 303  Report to Ward Engineering Company on variable radius arch dam, Indian Valley, North Fork of Cache Creek, Lake County, California 157,000 acre feet storage. San Francisco, California, 1937.
Physical Description: 12 l. fold.charts

Box 19, folder 304  Report to General Insurance Company of America on Wavona Tunnel Project. San Francisco, California, 1931.
Physical Description: 26 l. photos
Box 19, folder 305  
Contract and specifications for earthwork required for construction of an extension of the main canal of the Glenn Colusa Irrigation District in Colusa County, California. San Francisco, California, 1924.  
Physical Description: 1 v. (various paging), fold.maps, fold.charts

Box 19, folder 306  
Contract and specifications for earthwork required for construction of a supply canal for the Williams Irrigation District in Colusa County, California. San Francisco, California, 1924.  
Physical Description: 1 v. (various paging) fold.charts

Box 19, folder 307  
Contract and specifications for the construction of irrigation structures in the Williams Extension of the main canal of the Glenn Colusa Irrigation District, Colusa County, California. San Francisco, California, 1924.  
Physical Description: 1 v. (various paging) fold.charts

Box 19, folder 308  
Report to the Williams Irrigation District, Williams, Colusa County, California on consolidation with the Glenn Colusa Irrigation District. San Francisco, California, 1923, 1924.  
Physical Description: 4 v. maps, fold.charts

Box 19, folder 309  
Report to the Honorable Council of the town of Yreka City upon possible sources of additional water supply. San Francisco, California, 1945.  
Physical Description: 51 l. fold.maps

Box 19, folder 310  
Contract documents specifications for construction of diversion dam and appurtenances, Bolinas, Marin County, California. San Rafael, California, 1956  
Physical Description: 1 v. (various paging) fold.charts

Box 19, folder 311  
Report to Ross B. Hoffman, Consulting mining engineer, Oakland, California on preliminary cost estimates for proposed water supply development for hydraulic mining on the San Juan Ridge, Nevada County, California. San Francisco, California, 1934.  
Physical Description: 3 v. fold.maps, fold.charts, tables

Box 19, folder 312  
Report to J.A. MacKenzie, Esq., Hobart Building, San Francisco, on water supply for hydraulic mining on San Juan Ridge... San Francisco, California, 1934  
Physical Description: 3 v. fold.charts, tables

Box 20, folder 313  
Report to Chas. H. Munro, Consulting Engineer on water supply for hydraulic mining on San Juan Ridge (Morton Placers). San Francisco, California, 1933  
Physical Description: 65 l. fold.charts, tables

Box 20, folder 314  
Report to J.A. MacKenzie, Hobart Building, San Francisco, on peak flows in the Middle Yuba at A-Grizzly Creek, B-French Corral. San Francisco, California, 1934  
Physical Description: 14 l. fold.charts, tables

Box 20, folder 315  
Report to Ross B. Hoffman, 228 Perry Street, Oakland, California, on peak flows in the Middle Yuba at Grizzly Creek. San Francisco, California, 1934  
Physical Description: 17 l. fold.charts, tables

Box 20, folder 316  
Report to River Mines Co., Chas. H. Munro, Consulting Engineer, on Middle Yuba River water supply for proposed North Columbia ditch. San Francisco, California, 1932.  
Physical Description: 16 l. fold.maps, tables, fold.charts
Box 20, folder 317  Report on the water supply for hydraulic mining of the San Juan Ridge and Smartsville properties. San Francisco, California, 1933.
   Physical Description: 1 v. (various paging) tables

Box 20, folder 318  Report on possible development of water supply for hydraulic mining on the San Juan Ridge. San Francisco, California, 1933.
   Physical Description: 34 l. tables, charts, fold.maps

Box 20, folder 319  Report on Middle Yuba Water supply, Wolf Creek Diversion to Columbia
   Physical Description: 1 v. (unnumbered) maps, charts, tables