Inventory of the Harry B. Walker Papers

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Creator: Walker, H. B. (Harry Bruce), b. 1884.
Title: Harry B. Walker Papers
Date (inclusive): 1891-1958
Extent: 10.1 linear feet
Abstract: The Harry B. Walker Papers include the administrative and research files of Professor Harry Bruce Walker, primarily during his tenure at the University of California, Davis. Included are research materials, maps, correspondence, manuscripts, publications, multiple committee files and professional or academic lectures. Also found in the collection are a wide assortment of farm machinery photographs and several drawings and blueprints.
Physical location: Researchers should contact Special Collections to request collections, as many are stored offsite.
Repository: University of California, Davis. General Library. Department of Special Collections.
Davis, California 95616-5292
Collection number: D-111
Language of Material: Collection materials in English.
Biography
Harry Bruce Walker was born in 1884. He began his professional career at Kansas State College where he first served as Extension Engineer before volunteering for military duty in 1917. After two years of service, he returned home and earned his Professional Civil Engineering Degree from Iowa State College. He then returned to Kansas State College in 1921 as Professor and Chair of the Agricultural Engineering Department. In 1928, he became the Chair of the Agricultural Engineering Division at the University of California, Davis.
Walker was actively involved with several important campus committees during his tenure and served in various leadership roles in professional organizations, notably the American Society of Agricultural Engineers. He was also heavily involved with two major research endeavors for the United States Department of Agriculture, and was appointed in 1928 by President Herbert Hoover as a delegate to Tokyo, Japan for the World Engineering Congress.
Walker's research interests included the mechanization and electrification of farms and machinery, the improvement of farming practices in general, water use issues and academic planning. During his tenure at UC Davis, Walker was instrumental in campus policy-making and academic curriculum planning, particularly during his involvement with the "Privilege and Tenure" Committee of the University's Academic Senate ("Loyalty Oath"), his activity in campus "Postwar Planning", and his involvement on the UC Davis committee for creating a College of Letters and Sciences. He died in 1957.
Sources
Scope and Content
This collection contains Harry Bruce Walker's academic research and professional writings immediately before and throughout his tenure as a faculty member and Chair of the Division of Agricultural Engineering at the University of California, Davis.
Included in this collection are research data and reports, various committee records, publications (authored by Walker as well as others), correspondence, photographs, blueprints, maps and drawings, and manuscripts and typescripts of papers, speeches, lectures and radio talks. Also includes one series comprised of Walker's collected research material on California water use.
Indexing Terms
The following terms have been used to index the description of this collection in the library's online public access catalog. Walker, H. B. (Harry Bruce), b. 1884--Archives.
University of California, Davis.--Faculty--Archives.
University of California (System)--History.
Education, higher--California.
Agricultural engineering.
Agricultural machinery--Research.
Farm equipment--Research.
Farm mechanization.
Water--California.
Central Valley Project (Calif.)

**Access**
Collection is open for research.

**Preferred Citation**
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**Series 1** Major Research & Projects 1928-1948

**Physical Description:** 56 folders

**Scope and Content Note**
Divided into two sub-series, Mechanical Farm Equipment and Sugar Beet Mechanization.
Contains correspondence, notes, reports, photographs and other materials related to Walker's two largest research projects.

**Subseries 1.1** Mechanical Farm Equipment Research Project (USDA) 1928

**Physical Description:** 11 folders

**Scope and Content Note**
Arranged chronologically.

**Box 1:1**
U.S. Civil Service Commission Application circa 1927

**Box 1:2**
U.S.D.A. Farm Data and Studies circa 1927

**Box 1:3**
"Progress of Correlation in Farm Equipment Research" circa 1927

**Box 1:4**
Minutes of the Advisory Council Meeting on Research in Mechanical Farm Equipment 1927

**Box 1:5**
Correspondence and Project Reports (1 of 4) 1927

**Box 1:6**
Correspondence and Project Reports (2 of 4) 1927

**Box 1:7**
Correspondence and Project Reports (3 of 4) 1927

**Box 1:8**
Correspondence and Project Reports (4 of 4) 1927-1928

**Box 1:9**
Report on Research in Mechanical Farm Equipment, draft 1928

**Box 1:10**
Report on Research in Mechanical Farm Equipment, bound 1928

**Box 1:11**
"Research in Mechanical Farm Equipment", final report 1928

**Subseries 1.2** Sugar Beet Mechanization 1938-1947

**Physical Description:** 40 folders

**Scope and Content Note**
Arranged chronologically.

**Box 1:12**
Sugar Beet Machinery Notes 1938-1939

**Box 1:13**
Correspondence and Newsletters 1938-1940

**Box 1:14**
Sugar Beet Conferences 1938-1942

**Box 2:1**
Various Manuscripts 1938-1943
| Box 2:2 | Advisory Committee to U.S. Beet Sugar Association circa 1938 |
| Box 2:3 | Advisory Committee to U.S. Beet Sugar Association, 1st meeting 1938 |
| Box 2:4 | Advisory Committee to U.S. Beet Sugar Association, 2nd meeting 1938 |
| Box 2:5 | Freemont Foundry & Machine Company, photos and correspondence 1939-1940 |

**Scope and Content Note**

Includes 2 blueprints, 4 photographs

| Box 2:6 | Sugar beet machinery notes 1939-1940 |
| Box 2:7 | Sugar Beet Machinery Newspaper articles, copies 1939-1943 |
| Box 2:8 | Sugar Beet Machinery Newspaper articles, originals 1939-1943 |
| Box 2:9 | Advisory Committee to U.S. Beet Sugar Association, 3rd meeting 1939 |
| Box 2:10 | Advisory Committee to U.S. Beet Sugar Association, 4th meeting (1 of 2) 1939 |
| Box 2:11 | Advisory Committee to U.S. Beet Sugar Association, 4th meeting (2 of 2) 1939 |
| Box 2:12 | Correspondence, notes, general research & newsletters circa 1940 |
| Box 2:13 | Advisory Committee to U.S. Beet Sugar Association, 5th meeting 1940 |
| Box 2:14 | Advisory Committee to U.S. Beet Sugar Association, 6th meeting 1940 |
| Box 3:1 | Correspondence, notes, general research & newsletters 1941 |
| Box 3:2 | Advisory Committee to U.S. Beet Sugar Association, 7th meeting 1941 |
| Box 3:3 | ”Seed Splitting May Cut Beet Growing Cost”, Woodland Democrat Article, copy 1941 |
| Box 3:4 | ”Seed Splitting May Cut Beet Growing Cost”, Woodland Democrat Article, original 1941 |
| Box 3:5 | Advisory Committee to U.S. Beet Sugar Association, 8th meeting 1941 |
| Box 3:6 | Machine photographs circa 1942 |

**Scope and Content Note**

16 photographs

| Box 3:7 | Correspondence & notes (1 of 2) 1942 |
| Box 3:8 | Correspondence & notes (2 of 2) 1942 |
| Box 3:9 | Advisory Committee to U.S. Beet Sugar Association, 9th meeting 1942 |
| Box 3:10 | Sugar beet machinery photographs 1943 |

**Scope and Content Note**

12 photographs

| Box 3:11 | Correspondence, notes & general research 1943 |
| Box 3:12 | Correspondence, photos & general research 1944 |
| Box 3:13 | Correspondence, notes & general research 1945 |
| Box 4:1 | Advisory Committee to U.S. Beet Sugar Association, 10th meeting 1943 |
| Box 4:2 | Advisory Committee to U.S. Beet Sugar Association, 11th meeting 1943 |
| Box 4:3 | Advisory Committee to U.S. Beet Sugar Association, 12th meeting 1944 |
| Box 4:4 | Marion beet harvester photographs circa 1944 |

**Scope and Content Note**

6 photographs

| Box 4:5 | Tramontini beet harvester patent for U.S. Beet Sugar Association 1944 |
| Box 4:6 | Advisory Committee to U.S. Beet Sugar Association, 13th meeting 1945 |
| Box 4:7 | Marbeet beet harvester photographs and brochure circa 1945 |

**Scope and Content Note**

Includes 4 photographs

| Box 4:8 | Tramontini beet lifter patent for U.S. Beet Sugar Association 1945 |
| Box 4:9 | Newspaper articles, various 1945 |
| Box 4:10 | Advisory Committee to U.S. Beet Sugar Association, 14th meeting 1947 |
Series 2 Committees & Professional Affiliations 1928-1953

Physical Description: 94 folders

Scope and Content Note

Divided into four sub-series: University of California Committees, Ag Research Study Committee, Farm Machinery Advisory Committee and Professional Committees. For complex sub-series, arrangement is further organized into sub-subseries. Contains administrative records related to various committees that Walker participated in or led.

Subseries 2.1 University of California Committees 1942-1950

Physical Description: 42 folders

Scope and Content Note

Divided into four sub-subseries: Postwar Planning, College of Engineering Executive Committee, Academic Senate, and University Expansion and Planning.

Subseries 2.1.1 Postwar Planning 1943-1945

Physical Description: 11 folders

Scope and Content Note

Arranged chronologically.

Box 4:11 Correspondence, reports & general research 1942 September 8-1943 October 19
Box 4:12 Correspondence, reports & general research 1943 November
Box 4:13 Correspondence, reports & general research 1943 December
Box 5:1 Correspondence, reports & general research 1944 January-1944 March
Box 5:2 "Postwar education at Iowa state", newspaper article 1944
Box 5:3 Correspondence, reports & general research 1944 April-1944 May
Box 5:4 Correspondence, reports & general research 1944 June-1944 July
Box 5:5 Correspondence, reports & general research 1944 August-1944 October
Box 5:6 Correspondence, reports & general research 1944 November-1944 December
Box 5:7 Correspondence, reports & general research 1945 January-1945 March
Box 5:8 Correspondence, reports & general research 1945 May

Subseries 2.1.2 College of Engineering Executive Committee, Berkeley 1943-1949

Physical Description: 1 folder

Box 5:9 Correspondence, reports, minutes & newsletters 1944-1949

Subseries 2.1.3 Academic Senate 1946-1951

Physical Description: 18 folders

Scope and Content Note

Clustered according to Committees within the Academic Senate, then arranged chronologically.

Box 5:10 Meeting minutes, reports & correspondence (1 of 2) 1946-1947
Box 6:1 Meeting minutes, reports & correspondence (2 of 2) 1946-1947
Box 6:2 Meeting minutes, reports & correspondence 1949 May-1949 July
Box 6:3 Meeting minutes, reports & correspondence 1949 August-1949 September
Box 6:4 Meeting minutes, reports & correspondence 1949 October-1949 November
Box 6:5 President’s Advisory Committee, administrative files & papers 1948
Box 6:6 President's Advisory Committee, administrative files & papers 1949
Box 6:7 President’s Advisory Committee, administrative files & papers 1950
Box 7:1 "Privilege & Tenure" Committee, hearings (1 of 2) 1950
Box 7:2 "Privilege & Tenure" Committee, hearings (2 of 2) 1950
Box 7:3 "Privilege & Tenure" Committee, report drafts 1950
Box 7:4 "Privilege & Tenure" Committee, final report (1 of 2) 1950
Box 7:5 "Privilege & Tenure" Committee, final report (2 of 2) 1950

Inventory of the Harry B. Walker Papers
Series 2
Committees & Professional Affiliations 1928-1953
Subseries 2.1 University of California Committees 1942-1950

Box 7:6
"Privilege & Tenure" Committee, minutes, notes & correspondence (1 of 2) 1950

Box 7:7
"Privilege & Tenure" Committee, minutes, notes & correspondence (2 of 2) 1950

Box 7:8
"Privilege & Tenure" Committee, newspaper clippings (copies) 1950-1951

Box 7:9
"Privilege & Tenure" Committee, newspaper clippings (originals) 1950-1951

Box 7:10
"Privilege & Tenure" Committee, miscellaneous correspondence 1951

Subseries 2.1.4 University Expansion & Planning 1947-1950

Physical Description: 12 folders
Scope and Content Note
Clustered according to Committees related to university expansion efforts, then arranged chronologically.

Box 8:1
Davies Campus Committee 1947

Box 8:2
Statewide University Committee, report draft (3 copies) 1948

Box 8:3
Statewide University Committee, report revision draft (3 copies) 1948

Box 8:4
"Digest of a report of a survey of the needs of California in higher education" 1948-March

Box 8:5
Statewide University Committee minutes, notes & correspondence (1 of 4) 1948

Box 8:6
Statewide University Committee minutes, notes & correspondence (2 of 4) 1948

Box 8:7
Statewide University Committee minutes, notes & correspondence (3 of 4) 1948

Box 8:8
Statewide University Committee minutes, notes & correspondence (4 of 4) 1948

Box 8:9
Legislative Visit to U.C. Davis, College of Agriculture 1949

Box 8:10
Legislative Visit to U.C. Davis, College of Agriculture information packet 1949

Box 9:1
College of Letters & Science Committee, administrative files 1950

Box 9:2
College of Letters & Science Committee, report drafts 1949

Subseries 2.2 Ag Research Study Committee 1946-1947

Physical Description: 25 folders
Scope and Content Note
Walker served as temporary chair of this committee for one year, while Dean C.B. Hutchinson was in China. Arranged chronologically.

Box 9:3
Active Experiment Station Projects circa 1946

Box 9:4
"Report on Supplemental Budget for Agricultural Research" circa 1946

Box 9:5
Condensed Statement of Research, drafts circa 1946

Box 9:6
College of Agriculture, Supplemental Budget for 1946-1947 1946-June

Box 9:7
Federal and California state legislative documents 1946

Box 9:8
California State Cooperative Extension work plans (1 of 2) 1946

Box 9:9
California State Cooperative Extension work plans (2 of 2) 1946

Box 9:10
Administrative files from Dean Hutchinson 1946

Box 9:11
Ag Experiment Station, "Condensed Statement of Research", final (1 of 4) 1946

Box 9:12
Ag Experiment Station, "Condensed Statement of Research", final (2 of 4) 1946

Box 10:1
Ag Experiment Station, "Condensed Statement of Research", final (3 of 4) 1946

Box 10:2
Ag Experiment Station, "Condensed Statement of Research", final (4 of 4) 1946

Box 10:3
Correspondence & notes (1 of 4) 1946

Box 10:4
Correspondence & notes (2 of 4) 1946

Box 10:5
Correspondence & notes (3 of 4) 1946

Box 10:6
Correspondence & notes (4 of 4) 1946

Box 10:7
Report to Governor, Part I, drafts 1946

Box 10:8
First report to Governor: "Agricultural Research in California" 1947

Box 10:9
Second report to Governor: "Agricultural Research in California" 1947

Box 11:1
Correspondence & Notes 1947

Box 11:2
"Additional Needed Research" Proposal 1947

Box 11:3
Budget report for U.C. College of Agriculture 1947 July

Box 11:4
Confidential letter 1948 March

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Subseries 2.2 Ag Research Study Committee 1946-1947

Box 11:5
"Proposed new research projects and major expansions in research" for 1949-1950 1948 July
Third report to Governor, Section 2, untitled 1948 October

Subseries 2.3 Farm Machinery Advisory Committee, USDA War Board 1939-1945
Physical Description: 11 folders
Scope and Content Note
Arranged chronologically.

Box 11:7
"Power Farming Inventory", statistical pamphlet 1939
Box 11:8
"Farms, Facts & Figures", statistical pamphlet 1941
Box 11:9
Correspondence & notes 1941
Box 11:10
Correspondence & notes (1 of 3) 1942
Box 11:11
Correspondence & notes (2 of 3) 1942
Box 11:11
Correspondence & notes (3 of 3) 1942
Box 12:1
Correspondence & notes (1 of 2) 1943
Box 12:2
Correspondence & notes (2 of 3) 1943
Box 12:3
"Maximum wartime capacity of California agriculture" 1943 August
Box 12:4
Correspondence & notes 1944-1945
Box 12:5
"Means of promoting economically & socially desirable types of farm ownership & operation in the United States", Potomac Grange Research Committee report 1945

Subseries 2.4 Professional Committees 1928-1954
Scope and Content Note
Divided into three sub-subseries, distinguishing between major committees: Committee on the Relation of Electricity to Agriculture, American Society of Agricultural Engineers, and Other Committees.

Subseries 2.4.1 Committee on the Relation of Electricity to Agriculture (CREA) 1928-1949
Physical Description: 4 folders
Scope and Content Note
Arranged chronologically.

Box 12:6
Speeches & manuscripts 1928-1949
Box 12:7
Rural Electric Short Course circa 1930
Box 12:8
Rural Electric Short Course, mixed publications 1931-1933
Box 12:9
Rural Electrical Conference 1934

Subseries 2.4.2 American Society of Agricultural Engineers (ASAE) 1935-1954
Physical Description: 9 folders
Scope and Content Note
Arranged chronologically.

Box 12:10
(Sub-)Committee on Ag Engineering Education 1935-1936
Box 12:11
Various ASAE committee notes & papers 1936-1953
Box 13:1
Accrediting Committee files 1938-1949
Box 13:2
American Land Grant Colleges & Universities Committee circa 1940-1948
Box 13:3
Jury of Awards of Honor: Olney files to Walker 1941-1944
Box 13:4
Jury of Awards of Honor: Roy Bainer file 1943-1944
Box 13:5
Jury of Awards of Honor 1943-1954
Box 13:6
Advisory Committee to the Ag Research Administration 1948 October
Box 13:7
Accrediting Committee Report, drafts and final 1949 April
Subseries 2.4 Professional Committees 1928-1954

Physical Description: 3 folders
Scope and Content Note
Arranged chronologically.

- Box 13:8 American Society of Sugar Beet Technologists, administrative files 1941-1953
- Box 13:9 Ag Committee, San Francisco Chamber of Commerce 1941-1942
- Box 13:10 Ag Committee, San Francisco Chamber of Commerce 1942-1945

Series 3 Consultant Work & Research Interests 1927-1956

Physical Description: 39 folders
Scope and Content Note
Divided into two sub-series, Consultations & Research; arranged topically and then chronologically. Contains correspondence, notes, reports, a photograph scrapbook and other materials related to Walker's consultant work and research outside of the scope of Series 1.

Subseries 3.1 Consultations 1927-1955

Physical Description: 9 folders
Scope and Content Note
Contains records, newspaper clippings, publications, manuscripts and photographs pertaining to Walker's consultant work for the University of Hawaii and the Tennessee Valley Authority in particular, and one file for his early consultation work in Kansas. Arranged chronologically.

- Box 13:11 Kansas Blaze Fork Drainage District 1927
- Box 13:12 Report to Hawaiian Sugar Planters' Association, 4 copies 1944
- Box 14:1 Report to Hawaiian Sugar Planters' Association, 4 copies 1944
- Box 14:2 Tennessee Valley Authority, research notes 1946
- Box 14:3 Tennessee Valley Authority, correspondence and administrative papers 1946 April 2-1947 January 22; 1955 January 7-1955 February 28
- Box 14:4 University of Hawaii, newspaper clippings 1947
- Box 14:5 Report to Hawaiian Sugar Planters' Association and meeting minutes 1947
- Box 14:6 University of Hawaii, dedication ceremony address 1947
- Box 14:7 University of Hawaii, photograph scrapbook 1947-1950
  
  Scope and Content Note
  
  Includes 52 photographs mounted scrapbook-style.

Subseries 3.2 Research 1928-1956

Physical Description: 30 folders
Scope and Content Note
Divided into three sub-subseries by major topics of interest to Walker: Farm Equipment, Farm Management and Academic Policy & Curriculum Development.

Subseries 3.2.1 Farm Equipment 1928-1946

Physical Description: 11 folders
Scope and Content Note
Arranged chronologically.

- Box 14:8 "Combines in Iowa in 1927", by E.M. Mervine circa 1928
- Box 14:9 Notes & drawings circa 1928-1933
- Box 14:10 Farm machinery photographs (1 of 2) circa 1928-1934
- Box 14:11 Farm machinery photographs (2 of 2) circa 1928-1934
- Box 14:12 Milk house structures circa 1933

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| Box 14:13 | Sabbatical itinerary & planning correspondence 1935 |
| Box 14:14 | Farm machinery photographs (1 of 5) circa 1946 |
| Box 14:15 | Farm machinery photographs (2 of 5) circa 1946 |
| Box 14:16 | Farm machinery photographs (3 of 5) circa 1946 |
| Box 14:17 | Farm machinery photographs (4 of 5) circa 1946 |
| Box 14:18 | Farm machinery photographs (5 of 5) circa 1946 |

Subseries 3.2.2 Farm Management circa 1941-1949

Physical Description: 8 folders  
Scope and Content Note  
Arranged chronologically.

| Box 14:19 | Photographs, Foreign Economic Administration Headquarters Farm undated |
| Box 15:1 | "Farm Economics", various authors (1 of 4) undated |
| Box 15:2 | "Farm Economics", various authors (2 of 4) undated |
| Box 15:3 | "Farm Economics", various authors (3 of 4) undated |
| Box 15:4 | "Farm Economics", various authors (4 of 4) undated |
| Box 15:5 | Farm structure research 1941-1949 |
| Box 15:6 | Research Station climate data circa 1946 |
| Box 15:7 | National Institute of Farm Brokers conference 1947 |

Subseries 3.2.3 Academic Policy and Curriculum Development circa 1932-1956

Physical Description: 11 folders  
Scope and Content Note  
Arranged chronologically.

| Box 15:8 | Engineering curricula miscellaneous circa 1932-1942 |
| Box 15:9 | Report to accreditation committees, copy 1 (1 of 3) 1954 |
| Box 16:1 | Report to accreditation committees, copy 1 (2 of 3) 1954 |
| Box 16:2 | Report to accreditation committees, copy 1 (3 of 3) 1954 |
| Box 16:3 | Report to accreditation committees, copy 2 (1 of 3) 1954 |
| Box 16:4 | Report to accreditation committees, copy 2 (2 of 3) 1954 |
| Box 16:5 | Report to accreditation committees, copy 2 (3 of 3) 1954 |
| Box 16:6 | "Report on the Needs of Education in Agriculture in California", 2 copies 1954 |
| Box 16:7 | "Summary of the Restudy of the Needs of California in Higher Education" 1955 |
| Box 16:8 | "Report of the Proposed Expansion of the University of California in the San Diego Area" 1956 |
| Box 16:9 | "Report to Consider the Place of the College of Agriculture on the Berkeley Campus" 1956 |

Series 4 Publications, Writings & Personal Miscellaneous 1917-1957

Physical Description: 71 folders  
Scope and Content Note  
Divided into four sub-series: Speeches & Radio Talks, Lectures, Manuscripts and Personal Miscellaneous.

Subseries 4.1 Speeches and Radio Talks circa 1921-1956

Physical Description: 27 folders  
Scope and Content Note  
Arranged chronologically.

| Box 17:1 | Speeches and Radio Talks, Portfolio #1 (1 of 5) circa 1921-1927 |
| Box 17:2 | Speeches and Radio Talks, Portfolio #1 (2 of 5) circa 1921-1927 |
| Box 17:3 | Speeches and Radio Talks, Portfolio #1 (3 of 5) circa 1921-1927 |

Inventory of the Harry B. Walker Papers
Series 4 Publications, Writings & Personal Miscellaneous 1917-1957
Subseries 4.1 Speeches and Radio Talks circa 1921-1956

Scope and Content Note
Includes an original "finding aid" index to portfolio #2's contents.

Box 17:4
Speeches and Radio Talks, Portfolio #1 (4 of 5) circa 1921-1927

Box 17:5
Speeches and Radio Talks, Portfolio #1 (5 of 5) circa 1921-1927

Box 17:6
Speeches and Radio Talks, Portfolio #2 (1 of 6) circa 1922-1928

Scope and Content Note
Arranged chronologically.

Box 17:7
Speeches and Radio Talks, Portfolio #2 (2 of 6) circa 1922-1928

Box 17:8
Speeches and Radio Talks, Portfolio #2 (3 of 6) circa 1922-1928

Box 17:9
Speeches and Radio Talks, Portfolio #2 (4 of 6) circa 1922-1928

Box 17:10
Speeches and Radio Talks, Portfolio #2 (5 of 6) circa 1922-1928

Box 17:11
Speeches and Radio Talks, Portfolio #2 (6 of 6) circa 1922-1928

Box 17:12
Radio show scripts, various 1930-1941

Box 17:13
Miscellaneous speeches undated

Box 17:14
Farm Machinery Conferences, speeches circa 1933-1943

Box 17:15
Farm Machinery Conferences, speeches circa 1946-1951

Box 17:16
Purdue Teaching Seminar, speeches 1946

Box 17:17
"Farm Equipment Dealers: Community Liaison Men", speech to the California Farm Equipment Dealers' Association 1947 October 20

Box 17:18
Address to the Detroit Board of Commerce 1949 June 23

Box 18:1
Correspondence for paper presentation to Farm Equipment Institute 1953-1954

Box 18:2
Paper presentation drafts for Farm Equipment Institute 1953

Box 18:3
"Balancing Agricultural Engineering Research", address to Farm Equipment Institute, 3 copies 1953 December 8

Box 18:4
Correspondence and final speech for Pacific Coast Electrical Association Conference 1954 February-1954 May

Box 18:5
"Electricity in Agriculture", keynote speech drafts for Pacific Coast Electrical Association Conference (1 of 2) 1954

Box 18:6
"Electricity in Agriculture", keynote speech drafts for Pacific Coast Electrical Association Conference (2 of 2) 1954

Box 18:7
"Administration of Agricultural Engineering", correspondence and speech for the Land Grant College Association 1954 March-1954 November

Box 18:8
"The Engineer: The Man and His Profession" 1955

Box 18:9
"Trends in Farm Mechanization" 1956

Subseries 4.2 Lectures circa 1934-1948

Scope and Content Note
Arranged chronologically.

Box 18:10
"Farm Structures", discussions and course abstracts (1 of 2) undated

Box 18:11
"Farm Structures", discussions and course abstracts (2 of 2) undated

Box 18:12
Engineering lecture notes circa 1934-1948

Subseries 4.3 Manuscripts circa 1920-1957

Scope and Content Note
Arranged chronologically, and then topically where possible.

Box 18:13
Various papers (1 of 3) undated

Box 18:14
Various papers (2 of 3) undated

Box 19:1
Various papers (3 of 3) undated

Box 19:2
"Mr. Kilowatt and the Farmer" undated

Box 19:3
Rural electrification, various papers undated

Box 19:4
"Effect of External Variation on Concrete Bridges, Walker's graduation thesis, Iowa State University circa 1920

Box 19:5
Various papers, assorted authors circa 1922-1955
| Box 19:6 | Various papers circa 1928-1930 |
| Box 19:7 | Agricultural engineering education, various papers circa 1928-1931 |
| Box 19:8 | Farm electrification, various papers circa 1928-1931 |
| Box 19:9 | Tillage, various papers circa 1928-1931 |
| Box 19:10 | "Engineering as Applied to Agriculture", paper for World Engineering Congress in Japan 1929 |
| Box 19:11 | "Engineering in Agriculture" circa 1930 |
| Box 19:12 | Various papers 1931-1933 |
| Box 20:1 | "The Engineer's Place in Agriculture" 1932-1941 |
| Box 20:2 | Various papers 1932-1943 |
| Box 20:3 | Discussions & various papers 1934-1939 |
| Box 20:4 | Farm mechanics and education, paper drafts circa 1934 |
| Box 20:5 | "Looking Ahead in Agricultural Engineering" 1936 |
| Box 20:6 | Orchard heaters, various papers circa 1937-1938 |
| Box 20:7 | Sugar beet machinery, various papers circa 1938-1946 |
| Box 20:8 | Trends in farming, various papers circa 1940-1945 |
| Box 20:9 | Wartimes and agriculture, various papers circa 1942-1945 |
| Box 20:10 | "Survey of Mechanical Farm Power in California" circa 1943 |
| Box 20:11 | "Survey of Mechanical Farm Power in California", notes and drafts circa 1943 |
| Box 21:1 | Various papers circa 1945-1947 |
| Box 21:2 | "Engineering Applications to Packing House Operations" 1946-1947 |
| Box 21:3 | "Risks and Opportunities in Mechanized Farm Equipment" 1947 |
| Box 21:4 | "Resume of Sixteen Years of Sugar Beet Machinery Research" 1948 |
| Box 21:5 | "Seasonal Farm Labor and Mechanization", drafts circa 1950 |
| Box 21:6 | "A Bold Plan to Cut Peak Farm-Labor Load", paper and resulting correspondence 1950 |
| Box 21:7 | "A Bold Plan to Cut Peak Farm-Labor Load", newspaper originals 1950 |
| Box 21:8 | Various papers circa 1950-1953 |
| Box 21:9 | Various papers circa 1955-1957 |

**Subseries 4.4 Personal Miscellaneous circa 1917-1954**

- Physical Description: 7 folders
- Scope and Content Note
  - Arranged chronologically.

**Box 21:10**
- Mussolini and Hitler, Walker's handwritten notes undated

**Box 21:11**
- Personal correspondence and records 1917-1928

**Box 21:12**
- "Dinner at a Japanese Inn" circa 1929

**Box 21:13**
- Student paper, graded 1932

**Box 21:14**
- Mixed pamphlets, correspondence circa 1934-1949

**Box 21:15**
- Farming conferences, correspondence and notes 1948

**Box 21:16**
- Various notes, correspondence circa 1950-1954

**Series 5 Water Projects 1891-1958**

- Physical Description: 53 folders
- Scope and Content Note
  - Collected research and publications related to water rights and its relationship to land-use and farming in California; the bulk of this series pertains to the Central Valley Project. Also includes some photographs and reports related to water projects outside of California. Harry B. Walker does not appear to have authored any of this material. Arranged chronologically.

**Box 22:1**
- Photographs (1 of 2) undated
  - Physical Description: 21 photographs

**Box 22:2**
- Photographs (2 of 2) undated
  - Physical Description: 21 photographs
<table>
<thead>
<tr>
<th>Box 22:3</th>
<th>Central Valley Project, various pamphlets and brochures undated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 22:4</td>
<td>&quot;Central Irrigation District, California: Its Physical, Engineering and Business Problems and Conditions and Its Legal Status&quot;, (printed report) 1891 July</td>
</tr>
<tr>
<td>Box 22:5</td>
<td>Missouri River Improvement, Secretary of War letter 1911</td>
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<tr>
<td>Box 22:6</td>
<td>&quot;Report on Devil Canyon Project&quot; to the San Bernadino Board of Water Commissioners 1922</td>
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<tr>
<td>Box 22:8</td>
<td>American Society of Agricultural Engineers, various committee reports circa 1931</td>
</tr>
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<td>Box 22:9</td>
<td>&quot;Report of the California Joint Legislative Water Committee&quot; 1932 April 20</td>
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<tr>
<td>Box 22:10</td>
<td>Colorado River Aqueduct map 1938 January</td>
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<tr>
<td>Box 22:11</td>
<td>South Coastal Basin Soil Classification map 1939</td>
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<tr>
<td>Box 22:12</td>
<td>Central Valley Project Association, monthly bulletins (1 of 3) 1940-1944</td>
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<tr>
<td>Box 22:13</td>
<td>Central Valley Project Association, monthly bulletins (2 of 3) 1945-1946</td>
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<tr>
<td>Box 22:14</td>
<td>Central Valley Project Association, monthly bulletins (3 of 3) 1947-1949</td>
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<tr>
<td>Box 22:15</td>
<td>&quot;Suitability of Colorado River Water for Agricultural Use in South Coastal Basin&quot;, report 1940 July</td>
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<tr>
<td>Box 22:16</td>
<td>Sacramento Valley Flood Control Project, automobile trip plans 1941 January</td>
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<tr>
<td>Box 22:17</td>
<td>Central Valley Project, maps circa 1941-1945</td>
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<tr>
<td>Box 23:1</td>
<td>PG&amp;E Statements on Central Valley Project to House &amp; Senate Appropriations Committee (1 of 3) 1941-1946</td>
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<td>Box 23:2</td>
<td>PG&amp;E Statements on Central Valley Project to House &amp; Senate Appropriations Committee (2 of 3) 1941-1946</td>
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<td>Box 23:3</td>
<td>PG&amp;E Statements on Central Valley Project to House &amp; Senate Appropriations Committee (3 of 3) 1941-1946</td>
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<tr>
<td>Box 23:4</td>
<td>&quot;Quality of Irrigation Water in the Santa Maria Valley 1941 December</td>
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<tr>
<td>Box 23:5</td>
<td>Bureau of Reclamation, Central Valley Project publications and maps 1941-1946</td>
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<tr>
<td>Box 23:6</td>
<td>&quot;Water Requirements of Tulare County&quot;, report to Board of Supervisors 1942 January</td>
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<tr>
<td>Box 23:7</td>
<td>Central Valley Project, clippings scrapbook, various publications (1 of 3) 1943-1947</td>
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<tr>
<td>Box 23:8</td>
<td>Central Valley Project, clippings scrapbook, various publications (2 of 3) 1948 January-1948 February</td>
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<td>Box 23:9</td>
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<tr>
<td>Box 23:10</td>
<td>&quot;California's Central Valley Project&quot;, Chamber of Commerce Research Department report (2 copies) 1943 September</td>
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<tr>
<td>Box 23:11</td>
<td>Central Valley Project, various manuscripts and publications 1944-1952</td>
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<td>Box 24:1</td>
<td>Central Valley Project, various correspondence 1944-1954</td>
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<tr>
<td>Box 24:2</td>
<td>&quot;Acreage Limitations and Excess Land Problems&quot;, Central Valley Project report 1944 March</td>
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<td>Box 24:3</td>
<td>&quot;Part 5: Reclamation, Irrigation and Power Projects&quot;, U.S. Senate Hearing, Committee on Postwar Policy and Planning 1944 June 6</td>
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<td>Box 24:4</td>
<td>&quot;Growth of Population&quot;, Statistical Memorandum No. 6, Population Committee for the Central Valley Project 1944 July 5</td>
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<td>Box 24:5</td>
<td>&quot;Acreage Limitation in the Central Valley&quot;, Report on Problem 19, USDA Bureau of Agricultural Economics 1944 September 25</td>
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<td>Box 24:6</td>
<td>&quot;Income&quot;, Statistical Memorandum No. 7, Population Committee for the Central Valley Project 1944 December 2</td>
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<tr>
<td>Box 24:7</td>
<td>Central Valley Project, article series by Arthur Angel 1945 January 23-1945 February 2</td>
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<tr>
<td>Box 24:8</td>
<td>&quot;Effect of the Central Valley Project on the Agricultural and Industrial Economy and on the Social Character of California&quot;, Report on Problem 24, USDA Bureau of Agricultural Economics, copy 1 (1 of 2) 1945 March</td>
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<td>Box 25:1</td>
<td>&quot;Effect of the Central Valley Project on the Agricultural and Industrial Economy and on the Social Character of California&quot;, Report on Problem 24, USDA Bureau of Agricultural Economics, copy 2 (2 of 2) 1945 March</td>
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<tr>
<td>Box 25:2</td>
<td>Central Valley Project, article series by Robert De Roos (2 copies) 1945 November 25-1945 December 6</td>
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<td>Box 25:3</td>
<td>California Water Conference 1945 December 6-1945 December 7</td>
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<td>Box 25:4</td>
<td>San Diego County Water Authority, First Annual Report 1946 September 1</td>
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<tr>
<td>Box 25:5</td>
<td>&quot;California's Central Valley Project&quot;, article from &quot;The Nation&quot; 1946 September 7</td>
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<td>&quot;Central Valley Power&quot;, journal of the Commonwealth Club of California, Part II 1946 October 7</td>
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<td>Box 25:7</td>
<td>Central Valley Project, four articles from the &quot;Central News&quot; (originals) 1947-1949</td>
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<td>Central Valley Project, four articles from the &quot;Central News&quot; (copies) 1947-1949</td>
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<tr>
<td>Box 25:9</td>
<td>Solano County Project maps circa 1948</td>
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<td>Box 25:10</td>
<td>San Diego County Water Authority, Second Annual Report 1948 December 1</td>
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<td>Box 25:13</td>
<td>Colorado River Aqueduct, pamphlet from the Metropolitan Water District of Southern California 1950 October</td>
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<tr>
<td>Box 25:14</td>
<td>&quot;A Hundred Years of Irrigation in Colorado&quot;, Centennial Celebration proceedings 1952</td>
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<td>&quot;California and the Colorado River&quot;, pamphlet from the Colorado River Association 1954</td>
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<tr>
<td>Box 25:16</td>
<td>&quot;Ground Water Storage and a State Water Plan&quot;, presentation by S.T. Harding 1958 December 10</td>
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<tr>
<td>Map case V:U</td>
<td>Various water projects, oversized materials 1912-1945</td>
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</tbody>
</table>

  Physical Description: Includes five blueprints, four maps and one revetment proposal.
  Scope and Content Note:
  These larger maps and blueprints are related to California water projects in general and the Central Valley Project and the Missouri River (Kansas) in particular.