

## Alfred Lawrence Miller papers

### Inventory

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ALFRED L. MILLER PAPERS

BOX INVENTORY

Box I Correspondence

Alaska. University.  
American Building Codes Publications  
(Hal Colling; Harry Bolin)  
Architectural Record  
Associated General Contractors. Seattle Chapter.  
Association of Superintendents of Buildings and Grounds  
Association of Washington Cities

Brooklyn Polytechnic Institute

California. University (Berkeley)  
California. Institute of Technology. Pasadena.  
Colorado. University.  
Concrete Reinforcing Steel Institute.  
Cornell University, Ithaca.  
Correspondence - General  
-Junior Colleges  
-Professional degrees

Dietz, A. G. H.

Elliott, Arthur L.  
Engineers Council for Professional Development

Friedlander, Hermann (includes draft of M. S. thesis from M.I.T.)

Goble, George Gordon  
Granco

Hadley, Homer M.  
Hechtman, Robert A.  
Hill, Frank A.  
Hollis, Edward P.

Illinois. University.  
Illinois. Institute of Technology.  
Institute for Engineering Education.  
see [Japan]

[Japan] Engineering mission to Japan  
sa: Carton  
Japan Society of Seattle  
Jarvi, Albert O.

Kaiser Steel Corporation  
Kern, ?  
Kyoto University, Japan

Box I Correspondence (continued)

Lehigh University.  
Lincoln (James F.) Arc Welding Foundation  
Louisiana. State University.  
Lumm, A. Gordon

Marin, Joseph  
Masako, Frank J.  
Massachusetts Institute of Technology  
Michigan. State University.  
{ Military Service }  
Minami, John Kazuo  
More, C. C.

National Lumber Manufacturers Association  
Neumann, Frank  
Northwest Plaster Bureau  
Northwestern University

{ Oregon }  
Ofake, Shotaro

Purdue University  
Portland University

Sandstone Brick Co.  
Sato, Makoto  
Silver, William  
Smith, Cameron H.  
Stanford University  
Structural Clay Products Institute

Tau Beta Pi  
Taylor, Guy H.  
Timber Engineering Co.  
Tommerup, Carl C. H.  
Tudor Engineering Co.

Box II U. S. Commerce Department. Weather Bureau.

Washington. Census Board.  
Washington. State College.  
Washington. University. Governmental Research and Services  
Bureau.  
Washington. University. Institute of Government.  
West Coast Lumberman's Association.

Yale University.

Zia, Paul

## Box II (continued)

Correspondence: Interoffice.

Note: This is divided into three areas: the University itself; the College of Engineering and the Civil Engineering Department, the latter constituting the bulk. Some of the materials of the last concerns not only interoffice correspondence, but all affairs pertinent to the department.

## Washington. University.

- Adult Education and Extension Services
- Architect
- Buildings and Grounds Advisory Committee
- Endowment Funds, Special Committee on
- General
- Graduate School
- Letters of recommendation
- Press
- Public Relations Committee
- Regulations for outside work
- Research Society
- Scholarships
- University Centennial and History

## Washington. University. College of Engineering.

- Engineering Experiment Station.
- General (2)
- Physics Committee

## Washington. University. College of Engineering. Civil Engineering Department.

- Alumni
- Boguslavsky (B. W. ) thesis - M. S.
- Computer facilities
- Courses
  - 201-202, 363-364, 371-373, 475-477, 380, 381, 382, X4915, 581, 587 (1960ff), 582 (1961ff)
- Curriculum (2)
- Executive Committee (1962-1965) (3)
- Fredrickson, Gary L.
- General (2)
- Goals of Engineering Education
- Graduate advising
- Interviews
- Mechanics Advisory Committee
- Men (1963-1965)
- National Science Foundation Scholarships
- Placement
- Professional and industrial relations
- Project 13

Box 3 Correspondence: Interoffice. (continued)

Washington. University. College of Engineering. Civil  
Engineering Department. (continued)

- St. Germain
- Sanitary Division
- Scholarship Committee (2)
- Scholarships
- Structural Division
- Structural Research Division
- Surveying and mapping Division
- Travel
- Trips
- Visiting Committee, 1964
- Vocational Guidance
- Woolber, Harry J.

Examinations: State registration exams (3)

Teaching methods

Reports - Mechanics Courses  
Suggestions and discussions

Professional Organizations

American Concrete Institute (3)  
American Institute of Steel  
Construction (AISC): Plastic design in steel symposium  
American Society of Civil Engineers  
Committee on Lateral Forces  
Employment survey, 1958, 1961  
General  
Publications, regulations,  
Structural Division.  
Earthquake Engineering Research Institute. (EERI)  
Puget Sound Engineering Council (3) 1955-1964  
Structural Engineers Association of California (3)  
Structural Engineers Association of Washington (2)

Box 4 Consultation files: This series is divided into 2 parts. The first deals  
with specific agencies, engineering firms, and specific projects.  
The second concerns the Seattle Earthquake, 1949. These files are  
numbered but a key to the numbers has not been located.

Consultation, 1948-1963 (10)

Ala Moana Building, Honolulu, Hawaii  
American Automobile Association.  
American Standards Association  
as: U. S. National Bureau of Standards

**Box 4 Consultation files: (continued)**

Consultation, 1948-1963 (10)

Bank of California (2)

Builders Brick Co.

Chamber of Commerce, Seattle. Zoning Advisory Board.

College Grove, San Diego.

Columbus Hospital, Seattle.

[Court Cases]

Cartano, John D., Attorney.

James vs. Weyerhaeuser

Rowley and Mithun

Williams vs. City of Seattle and Henrik Valle.

Detroit Steel Products Co.

Frederick and Nelson (with John Graham and Co.)

Graham (John) and Co. 1953-1964 (8)

Grant (Arvid) and Associates

Great Lakes Steel Corporation

Kuala Lumpur, Malaya

Lloyd Center, Portland, Oregon (3)

Northgate Marquee

Overlake (2)

Sears, Roebuck and Co.

Seattle. Century 21 Exposition. Space Needle.

Seattle. Metro.

Seattle - Transit

U. S. Bonneville Power Administration.

U. S. Coast and Geodetic Survey.

U. S. Department of Commerce.

U. S. National Bureau of Standards

sa: American Standards Association

Washington - Public Schools (4)

Wells Fargo Co.

**Box 5 Consultation files: Seattle Earthquake 1949**

sa: Earthquake files

(The files appear in numerical order assigned by Miller; The series is incomplete.)

2 U. S. Army Engineers

3 Olympia

4 Puyallup

5 Auburn

6 Clippings - Seattle Times

8 Railroads

10 Oregon

11 American Institute of Steel Construction

Box 5 Consultation files; Seattle Earthquake 1949 (continued)

- 12 Tacoma, Washington
- 13 Association of Washington Cities
- 15 Ulrich - Seismological Field Survey
- 17 Centralia, Washington
- 19 Centralia - Dodd's report
- 21 Todd Shipyards - SA
- 23 Geology Department
- 24 Sumner, Washington
- 25 Earthquake Engineering Research Inst.
- 26 Washington. Department of Highways.
- 27 Kent, Washington
- 28 Sound Construction and Engineering Co., Seattle
- 30 13th Naval District
- 31 Bemis Brothers Bag Co.
- 32 Earthquake information (2)
- 37 Port Authorities
- 38 Clippings, Post-Intelligencer
- 39 Water Departments
- 41 Longview, Washington
- 42 Toledo, Washington
- 43 Redmond, Washington
- 44 Seattle, Washington
- 48 Earthquake Articles
- 49 U. S. Bonneville Power Administration
- 50 Vancouver, Washington
- 51 Leavenworth, Washington
- 52 California
- 53 Schools (Seattle)
- 54 Pacific Telephone and Telegraph
- 57 Rochester, Washington
- 59 Circulars: Pacific Northwest Conference of the American  
Society of Civil Engineers, Earthquake Committee
- 68 Pacific Northwest Brick and Tile Association
- 70 Chicago Bridge and Iron Co.
- 71 Military Engineers
- 72-3 (Miscellany)
- 75 Structural Design Practice
- 76 Los Angeles
- 77 Principal Earthquakes of the Pacific Northwest
- 82 Western Construction News
- 86 Concrete Products Association
- 87 Oregon Section Committee
- 89 Union Oil Co., Seattle
- 91 Liability for Falling Objects
- 94 Washington. Surveying and Rating Bureau.

Box 5 Consultation files: Seattle Earthquake 1949 (continued)

no. # 53

Pierce County Court House.  
Puyallup Sewers  
Earthquake provisions - study for Seattle Building Code  
Notebook with Photographs

Box 6 Earthquake Files

Accelerograms, Integration of  
Accelerograms, Seattle - Olympia, 1949  
Accelerographs, #28 & 29, Olympia  
Earthquakes-  
Articles (2)  
Correspondence - miscellaneous  
Earthquake engineering in Japan  
Earthquake Engineering Research Institute  
Earthquake Engineering Research Institute Symposium on  
Earthquakes and Blast Effects, 1952.  
Ground Motion  
Loads  
Provisions  
California legislation (Field & Riley Acts)  
Chimneys  
Chimney stacks and towers  
Oregon Legislation  
San Francisco Code, 1956  
Washington, Oregon, Idaho, Montana cities  
Washington State Earthquake Act  
Speeches  
Tests (on buildings, tanks, containers)(2)  
Earthquakes (Specific)  
Anchorage, Alaska, 1964  
Chile, 1960  
Japan, 1949 (oversize in carton)  
Long Beach, California, 1933  
Mexico City, 1957  
Pacific Northwest  
Portland, Oregon, 1962  
Santa Barbara, California  
Tehachapi - Bakersfield  
Modified Mercalli Scale, 1931  
Pacific Fire Rating Bureau  
Seismic probability, 1950  
Seismograms: records and analyses  
Seismological Society of America, 1954-1955



Box 7 Earthquake files (continued)

## Seismology

Engineering Seismology

Field Surveys

San Francisco, California

Building Period Reports, 1950 and 1962

U. S. Coast and Geodetic Survey

Vibration Studies, 1954

Seismograph Stations, 1965

Instruments (2)

Washington. University. Geology Department.

Structural Engineers Association of Washington

Triangulation Stations., Washington (U. S. Coast and Geodetic Survey)

U. S. Coast and Geodetic Survey. Advisory Committee on Engineering

Seismology. (one binder includes list of meeting 1946-1955,  
and 10 folders - 1947-1956).

World Conference on Earthquake Engineering 1956

Recordings (2) - Earthquake SoundsSlides, Lists of and several trays of slidesBox 8 Subject files

Acrostress

Arches

3-hinged arch

Mueller-Brestau examples

2-hinge, tied, bowstring

Notes, etc. (2)

Asphalt

Beams

Curved

Beam deflection

Non-uniform beams

Bents Trussed Beams

Braced bents

Gable bents - saw tooth frames

Irregular rectangular bents

Bridges

Pedestrian

Steel

Suspension

Civil Defense (Seattle - King Co. )

Column Research Council

Column theory

Computers - digital

Concrete

Lightweight aggregate

Prestressed

Research

Box 8 Subject files (continued)

Connections  
     Bolted  
     Welded  
 Continuous Structures  
 Critical path method  
 Decks  
     Gypsum Roof decks  
     Metal decks  
     Robertson Q decks  
 Diaphragms  
     Supplements  
     Wood - Oregon Forest Products Lab.  
     Flywood  
     R/C; General; Sheathed

## Box 9

Elasticity, Theory of, August Föpp  
 Engineering Materials Laboratory  
 Fenestra Floor Panel Test  
 Flexure  
     Formulation of theory of flexure  
     Flexure of combined stress  
     Flexural properties of spans of non-uniform section  
 Flues  
 Foundations  
 Gyroscope  
 Harmonic motion  
 Holdtite system (H. H. Edwards)  
 Influence lines  
 Joints; steel  
 Loads on structures  
 Mechanics  
     General  
     Statics, Strength of materials  
 Members, non-uniform section  
 Miscellany - articles  
 Moment theory  
     Moment distribution (2)  
     Fixed beam moments  
     Theorems of two moments, three moments, joint translation  
     Theorem of three moments  
 Multibay rigid frames  
 Nails, screws, etc.  
 Nuclear power, fundamentals of.  
 Partition walls  
 Photoelasticity  
 Plaster (2)

Box 9 Subject files (continued)

Plastic Design  
 Plates, flat  
 Reinforcing Bars  
 Rigid bodies  
     Mechanics of rigid bodies  
     Failures - rigid frame  
     Rigid frames - steel  
 Same system  
 Shear Walls

## Box 10

Sideway distribution  
 Sideway of multi-story rectangular rigid frames (Miller & Alvarez)  
 Skewing or racking - rectangular panels  
 Snow Load  
 Soil Mechanics - earth pressure  
 Sonovoid, sonotube and similar  
 Steel  
     Light gauge  
     Steel tubing - rectangular  
     Stran-steel Corporation  
     Stressteel  
 Structural Specifications, Seattle  
 Structural dynamics - lateral motions (20  
 Suspensions, etc.  
 Suspensions - bridges  
     sa: Bridges - suspension  
 Torsion  
 Towers  
 Trajectory of stress  
 Trapezoidal bent studies  
 Trusses  
     Truss deflection  
     Multispan trusses  
     Redundant members in trusses  
     Secondary stresses in trusses (2)  
     Wierendaal trusses  
     Wichert Truss  
     Trussed portals  
 Ultimate strength design - P. C. A. short course  
 Vermiculite  
 Warping paper  
 Water stops, joint seals, expansion joints.  
 Wind load, A. S. C. E., recommendations (3)  
 Wire fabric  
 Wire rope  
 Wood  
     Plywood  
     Properties of wood  
     Wood Wall panels

Miller Inventory

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Box 10 Notebooks

Box 11 Safety codes

Building codes (2)  
Fire resistance of building construction  
Fire tests  
Plumbing codes  
League of Oregon Cities  
Safety codes

Writings

Original or corrected  
Mathematics (notes, papers, etc.)  
General (in manila envelope)

Japanese materials (all from Engineering mission to Japan)  
sa: Correspondence, Box 1, Japan

1. Report of the Engineering Educational Mission, 1951.
2. Publications by Japanese Engineers