Descriptive Summary

Languages: English

Contributing Institution: Special Collections & Archives, UC San Diego

9500 Gilman Drive
La Jolla 92093-0175

Title: Office of Architects and Engineers Records

Identifier/Call Number: SAC 0060

Physical Description: 0.4 Linear feet (1 archives box and 14 map case folders)

Date (inclusive): 1908-1988

Abstract: The collection consists of maps, architectural drawings, blueprints, reports, photographs and administrative files relating to the development of campus infrastructure at the Scripps Institution of Oceanography and UC San Diego.

Preferred Citation
Office of Architects and Engineers Records. SAC 60. Special Collections & Archives, UC San Diego.

OFF-SITE STORAGE
COLLECTION STORED OFF-SITE. ALLOW ONE WEEK FOR RETRIEVAL OF MATERIALS.

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Administrative Background

The Office of Architects and Engineers (OAE) was responsible for the overall coordination of the UC San Diego campus building program. Construction projects were prioritized within the University of California's statewide building program, and then distributed to the appropriate OAE for management and completion. The UC San Diego office opened in 1957 under the direction of J. W. Tippetts, Building Program Coordinator. He was succeeded by Mac Alfred Cason, formerly the Chief Architect for Los Angeles County, in 1960. Prior to 1957, UC San Diego campus buildings and improvements were managed by OAE staff at UC Berkeley and UC Los Angeles.

Beginning in the mid-1970s with the reorganization of campus planning and building, the Office of Architects and Engineers was absorbed into Facilities Design & Construction (FDC). The FDC office became the primary service provider charged with the implementation of the Capital Improvement Program, including project programming, planning, schematic design, design development, construction documents, inspections, utilities, and construction administration for all capital improvements.

Acquisition Information

Scope and Content of Collection

The collection consists of maps, architectural drawings, blueprints, reports, photographs and administrative files relating to the development of campus infrastructure at the Scripps Institution of Oceanography and UC San Diego. It includes long-range planning documents, original structure elevations, and design proposals created, produced in collaboration with, or requested by the Office of Architects and Engineers. Plans and documents drafted by non-UC architectural firms are noted in the finding aid. Several items in the collection originate from the papers of Robert Marlin, UC San Diego maintenance supervisor from 1966-1987. These include reports, photographs, and files documenting the campus infrastructure during the period 1937-1958, when the physical plant was managed primarily by the UCLA Office of Architects and Engineers.

Arranged in two series: 1) CAMPUS MAPS & PLANNING. and 2) BUILDINGS.

Subjects and Indexing Terms
Blueprints (reprographic copies)
College buildings -- California -- San Diego -- Designs and plans
Universities and colleges -- California -- San Diego -- Planning
Architectural drawings (visual works)
Campus planning -- California -- San Diego
Scripps Institution of Oceanography -- Buildings
University of California, San Diego -- Buildings
University of California, San Diego -- Planning
CAMPUS MAPS & PLANNING

Scope and Content of Series
Series 1) CAMPUS MAPS & PLANNING: Maps, campus plans, reports and other administrative materials regarding the overall infrastructure of UC San Diego and the Scripps Institution of Oceanography.

Materials are arranged chronologically within two subseries: A) SIO Campus and B) UC San Diego Campus.

SIO Campus

Oversize SIO MC-117-01
Topographical Map Showing Vicinity of Scripps Institute for Biological Research 1912 September
General
Herbert B. Foster, Engineer, University of California, Berkeley.

Oversize SIO MC-117-01
Proposed Boulevard Showing Right of Way Through Property 1912 September
General
Shows boundaries of Pueblo Lots 1312, 1297, 1298 and 1299. Herbert B. Foster, Engineer, University of California, Berkeley.

Oversize SIO MC-117-01
Biological Institute, University of California 1926 February
General
Plot plan and photographs showing La Jolla Shores properties. Evans-Lee Subdividers Corporation.

Oversize SIO MC-117-01
Topographic Map of the Scripps Institution of Oceanography 1927
General
Engineering Department, Office of the Comptroller, UC Berkeley.

Oversize SIO MC-117-01
Saturation Plan 1930 December
General
Map depicting saturation of SIO campus foliage.

Oversize SIO MC-117-01
Campus map 1931 February

Oversize SIO MC-117-01
Campus map 1935

Oversize SIO MC-118-10
Scripps Institution of Oceanography campus map 1939 May
General
Van Sant Company, Los Angeles.

Box 1, Folder 1
Photographs 1942 - 1949
General
B/W photographs. Miscellaneous panoramic views of SIO campus.
Oversize SIO MC-117-01  Topographic Map, University of California Institute of Oceanography 1945 June
General
Site map showing proposed Aquarium and Museum Building, Scripps Building, Original Library and Ritter Hall.

Oversize SIO MC-117-01  Preliminary Study, University of California Institute of Oceanography 1946 February
General
Site map showing proposed Shops, Heating Plant, Aquarium & Museum Building, Navy Buildings and Director's Residence.

Oversize SIO MC-117-01  Campus General Development Plan 1946 July
General
Site map showing proposed Shops, Heating Plant, Aquarium & Museum Building, Navy Buildings and Director's Residence.

Oversize SIO MC-117-01  Map of a Portion of La Jolla Shores Tract Adjoining Scripps Institution of Oceanography 1947 February
General
Herbert B. Foster, Engineer, University of California, Berkeley.

Box 1, Folder 2  Report on Anticipated Space Requirements at the Scripps Institution of Oceanography During the Next Ten to Fifteen Years 1948 February 6
General
Written by Harald Ulrik Sverdrup.

Box 1, Folder 3  Report on the Structural Condition of the Scripps Building 1949
General
Hillman & Nowell structural engineering firm.

Box 1, Folder 4  Manual of Rules and Procedures 1950 July 1
General
A manual detailing SIO logistics and protocol. Includes personnel rules, business procedures and budgets, institution practices and facilities information.

Box 1, Folder 5  Sanitary Survey of Scripps Institution of Oceanography 1950 August 18
General
Describes SIO campus water supply, sewage disposal, plumbing features, garbage and waste disposal, food establishments, housing, residential animals, rodent and insect control, lighting, grounds and pier. UCLA Sanitation-Safety Division.

Oversize SIO MC-117-02  Campus photographs 1952 - 1966
General
B/W aerial photographs showing entire SIO campus.

Box 1, Folder 6  Utilities and grounds 1953 - 1954
General

Box 1, Folder 7  SIO Plant Assets 1954 February
General
An itemized list of SIO assets, including real estate, buildings and structures, utilities, equipment and library collections.
<table>
<thead>
<tr>
<th>Folder Details</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Box 1, Folder 8</td>
<td><strong>Survey of property boundary in Pueblo Lot 1298 1955 February 21</strong>&lt;br&gt;General&lt;br&gt;<strong>A letter to William G. Martin of UC Department of Architects and Engineers from A.K. Fogg, San Diego City Engineer detailing a survey of the &quot;right of way&quot; on La Jolla Shores Drive in Pueblo Lot 1298.</strong></td>
</tr>
<tr>
<td>Box 1, Folder 9</td>
<td><strong>Survey of property boundary in Mission Bay 1955 May</strong>&lt;br&gt;General&lt;br&gt;City of San Diego Engineering Department.</td>
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<tr>
<td>Oversize SIO MC-118-10</td>
<td><strong>Master Plan and required space divisions 1956 August-November</strong>&lt;br&gt;General&lt;br&gt;Risley &amp; Gould architectural firm.</td>
</tr>
<tr>
<td>Box 1, Folder 10</td>
<td><strong>Master Plan 1956, 1958</strong>&lt;br&gt;General&lt;br&gt;Site plan for the SIO campus and a letter referencing existing and expected spaces and areas. Depicts existing and proposed buildings. Proposed buildings include a circulating water channel, a pool, a lecture hall and two laboratories. Risley &amp; Gould architectural firm.</td>
</tr>
<tr>
<td>Oversize SIO MC-117-02</td>
<td><strong>Master Plan 1960 February</strong>&lt;br&gt;General&lt;br&gt;Site plan for proposed layout of new buildings, including Research and Training Pool, Temporary Machine Shop and parking areas. Risley &amp; Gould architectural firm.</td>
</tr>
<tr>
<td>Oversize SIO MC-118-10</td>
<td><strong>Topographic map 1962 August</strong>&lt;br&gt;General&lt;br&gt;Stanley C. Rogers, La Mesa Engineering Service.</td>
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<tr>
<td>Oversize SIO MC-118-10</td>
<td><strong>Basic Topographic Map 1986 November</strong>&lt;br&gt;General&lt;br&gt;UCSD Office of Architects &amp; Engineers.</td>
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<tr>
<td>Oversize SIO MC-118-10</td>
<td><strong>Topographic campus maps 1988</strong>&lt;br&gt;General&lt;br&gt;Print negatives mounted on mylar.</td>
</tr>
<tr>
<td>Oversize SIO MC-118-10</td>
<td><strong>Basic Topographic Map 1989 October</strong>&lt;br&gt;General&lt;br&gt;UCSD Office of Architects &amp; Engineers.</td>
</tr>
<tr>
<td>Oversize SIO MC-118-10</td>
<td><strong>Basic Topographic Map 1993 March</strong>&lt;br&gt;General&lt;br&gt;Office of Architects &amp; Engineers.</td>
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</table>
| Oversize SIO MC-117-02 | **Topographic contour maps of SIO campus undated**
Oversize SIO
MC-117-02

La Jolla Shores Drive undated
General
A topographic map detailing a section of La Jolla Shores Drive. Scripps Estates Associates.

UC San Diego Campus

Oversize SIO
MC-118-10

Survey of the Pueblo Lands of San Diego ca. 1920
General
George Cromwell, City Engineer. Shows geographical location of plots corresponding to future UCSD property.

Oversize SIO
MC-117-03

Land Study for University Development 1957
General
University of California at La Jolla. Risley & Gould architectural firm.

Oversize SIO
MC-117-03

University of California La Jolla Campus ca. 1959
General
Map designating proposed location for UC San Diego campus. Details include Pueblo Lands of San Diego, False Bay, temporary Navy structures, land plots and existing SIO campus.

Oversize SIO
MC-117-03

Del Mar Quadrangle 1975
General

Oversize SIO
MC-117-03
Box 1, Folder 11

Campus maps 1966 - 1976

BUILDINGS
Scope and Content of Series
Series 2) BUILDINGS: Maps, architectural drawings, blueprints, building plans, photographs and project materials detailing the construction and development of specific SIO campus buildings and grounds. Subseries A) consists of blueprints and renovation plans for the historic George H. Scripps Memorial Marine Laboratory, commonly referred to as the Old Scripps Building.

Materials are arranged chronologically within five subseries: A) Old Scripps Building (George H. Scripps Memorial Marine Laboratory), B) Original Scripps Library, C) Residences, D) Laboratories, E) Aquarium & Museum and F) Miscellaneous Structures.

Old Scripps Building

Oversize SIO
MC-119-11

Blueprints (copies of originals) 1908

Oversize SIO
MC-119-11

Rubbing of brass National Historic Landmark plaque 1983

Oversize SIO
MC-119-12

Restoration blueprints 1979, 1981

Oversize SIO
MC-119-13

Restoration blueprints 1982, 1983
Original Scripps Library

**Proposed Museum ca. 1915**

*General*

Original library. Two architectural sketches drawn in pen and watercolor showing front and side elevations of building. Wheeler & Halley architectural firm.

**Library blueprints 1915 - 1916**

*General*

Wheeler & Halley architectural firm.

**Proposed Alterations to Library Building 1931 October**

*General*

UC Berkeley Department of Buildings and Grounds.

**Proposed Alterations of Present Buildings ca. 1945**

*General*

H.B. Foster, engineer and W.P. Stephenson, architect cited.

**Library Stacks 1946 May**

*General*

Two building maps detailing the placement and installation of book stacks in the original SIO library.

**Library Remodeling 1953 December**

**Proposed Library Alterations 1953 April - 1954 April**

*Architectural sketches 1961*

*General*

Twelve sketches of the original SIO library on vellum paper. Includes floor plans and exterior elevations. M.J. Voight cited.

**Library Alterations 1961 - 1966**

*General*

UCSD Office of Architects & Engineers.

**Remodeling of Library Building 1963 July - 1964 November**

*General*

Weston, Liebhardt & Weston architectural firm. Frederick Liebhardt, Consultant and Eugene Weston III, Associate cited.
<table>
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<tr>
<th>Box 1, Folder 12</th>
<th>Demolition 1968 - 1973</th>
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<tr>
<td></td>
<td>General</td>
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<td></td>
<td>Materials and correspondence detailing structural investigation and demolition.</td>
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### Residences

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<th>Box 1, Folder 13</th>
<th>Housing, photographs 1937</th>
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<tr>
<td></td>
<td>General</td>
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<td></td>
<td>B/W photographs. Exterior views of cottages, Community House and Director’s House.</td>
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<tr>
<th>Box 1, Folder 22</th>
<th>Cottages - Photographs of blueprints</th>
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<td>MC-118-06</td>
<td>Cottages 1938 - 1939</td>
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<td>General</td>
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<tr>
<td></td>
<td>Twenty architectural layout maps detailing floor plans and elevations of SIO cottages. University of California Department of Grounds and Buildings.</td>
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</tbody>
</table>

<table>
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<tr>
<th>Oversize SIO MC-118-06</th>
<th>Addition to Building No. T-28 1959 January</th>
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<td></td>
<td>General</td>
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### Laboratories

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<th>Oversize SIO MC-118-07</th>
<th>North Laboratory Building (Ritter Hall) 1930-1931</th>
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<tr>
<td></td>
<td>General</td>
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<td></td>
<td>Twenty-one blueprints. Louis J. Gill, architect.</td>
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<th>Oversize SIO MC-118-10</th>
<th>Ritter Hall 1953 April</th>
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<tr>
<td></td>
<td>General</td>
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<tr>
<td></td>
<td>Architectural blueprints detailing additional wing to Ritter Hall. Includes floor plans and proposed curricular purposes for classrooms.</td>
</tr>
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<table>
<thead>
<tr>
<th>Oversize SIO MC-118-07</th>
<th>Grading Study East of Ritter Hall 1955 June</th>
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<tr>
<td>Box 1, Folder 14</td>
<td>Laboratory Buildings No. 2 and 3 (Sverdrup Hall, Sumner Auditorium) - Elevations and photographs of artists’ renderings 1958</td>
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<tr>
<td>MC-118-07</td>
<td>Marine Biology Instruction &amp; Research Building (Hubbs Hall) 1969 June 23</td>
</tr>
<tr>
<td></td>
<td>General</td>
</tr>
<tr>
<td></td>
<td>Includes one plan depicting the entire SIO campus and thirteen plans detailing construction phases of the building. Liebhardt/Weston/Forester architectural firm. Mac Alfred Cason, Campus Architect and A. Quincy Jones, Consulting Architect cited.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Box 1, Folder 15</th>
<th>Marine Biology Instruction &amp; Research Building (Hubbs Hall) 1973 November</th>
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<tr>
<td></td>
<td>General</td>
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<tr>
<td></td>
<td>Liebhardt/Weston/Forester architectural firm.</td>
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</tbody>
</table>

### Aquarium & Museum

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<tr>
<th>Box 1, Folder 16</th>
<th>Proposed Changes Museum Building 1945</th>
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<tbody>
<tr>
<td></td>
<td>General</td>
</tr>
<tr>
<td></td>
<td>Notes recording cost and details for museum renovations.</td>
</tr>
</tbody>
</table>
### Aquarium & Museum

**Aquarium & Museum Building 1945 November**
- **General**
- Depicts main floor, mezzanine, longitudinal section and plot plan. Frank L. Hope, Architect.

**Aquarium & Museum 1949 October**
- **General**
- Depicts second floor plan, door details and construction schedule. Frank L. Hope, Architect.

**Experimental Aquarium 1955 May**
- **General**
- Includes plot plan, sectional plan and two exterior elevations. Frank L. Hope & Associates architectural firm.

### Miscellaneous Structures

**Water tank and salt water system 1910**
- **General**
- Irving J. Gill, Architect

**Approval for original pier 1914 July 22**
- **General**
- A letter from the War Department granting approval for the construction of a pier at the Scripps Institute for Biological Research.

**Repairs of Pier, Scripps Institution for Biological Research 1925 July**
- **General**
- Herbert B. Foster.

**Flow Tank Data 1955 January 28**
- **General**
- Includes mechanical details and statistics.

**Flow Tank Plan 1955 January 28**
- **General**
- Blueprint depicting transformer, switchgear room and steel grating. UCLA Office of Architects and Engineers.

**Refrigeration Boxes for Core Storage 1956 April**
- **General**
- UCLA Office of Architects and Engineers.

**Aqua Lung Training and Research Facility 1959 October**
- **General**
- One artistic rendition and two blueprints. Aetron of Aerojet-General Corporation.

**SIO Ship Operating Facilities Site 1964 September 22**
- **General**
| Box 1, Folder 20 | **Sea Water Conversion Tower 1964 - 1965**  
General  
Includes correspondence, field data, reports and requisition forms. UCSD Office of Architects and Engineers. |
| Box 1, Folder 21 | **Salt water utilities 1964 - 1968**  
General  
Maintenance and improvements to the SIO salt water system. UCSD Office of Architects and Engineers. |
| Oversize SIO MC-118-09 | **Inshore Oceanographic Research Facility ca. 1968**  
General  
One poster board illustration. |