



## FINDING AID

# **HAWAII VOLCANOES NATIONAL PARK MAINTENANCE DIVISION RECORDS 1925-2011(bulk dates: 1970s-1980s)**

Prepared by  
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2010-2014, revised: 2021

National Park Service  
Hawaii Volcanoes National Park  
Hawaii National Park, HI 96718

Catalog Number: HAVO 15725

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## ***HISTORY***

Established in 1916 by a congressional act, Hawaii National Park is the 15th National Park in the United States. Originally called Hawaii National Park, Hawaii Volcanoes National Park was composed of the volcanoes Kilauea and Mauna Loa on Hawai'i and the volcano Haleakala on Maui. In 1960, the park split into two parks, Haleakala National Park (HALE) and Hawai'i Volcanoes National Park (HAVO). In its early years, the park was comprised of the volcanoes Kilauea and Mauna Loa and additional private lands from within and around park boundaries. The park added new lands in subsequent decades and as of 2010, it encompassed 323,431 acres. The park harbors distinct plants and animals and has seven diverse ecological zones: seacoast, lowland, mid-elevation woodland, rain forest, upland forest, subalpine, and alpine. Mauna Loa, the earth's largest volcano at 13,677 feet (4,169 meters), last erupted in 1984. Kilauea began erupting in 1983 and was still erupting in 2012. The International Biosphere Reserve selected Hawai'i Volcanoes National Park (HAVO) for these diverse features in 1980 and UNESCO World Heritage Site chose Hawai'i Volcanoes National Park (HAVO) in 1987.

The Maintenance Division at Hawaii Volcanoes National Park is in charge of the construction and maintenance of park assets and infrastructure. This includes both natural and cultural resources such as roads and trails, landscapes, structures and buildings, and utilities. The Maintenance Division records the changes to the infrastructure and assets for future use in research, rehabilitation, and general maintenance.

The Maintenance Division's also works to maintain and create a safe experience for staff and visitors. It helps make roads and trails safer by installing features such as stairs and railings, as well as clearing trails. The Division's work also helps make buildings, roads, and trails more accessible through the installation of features such as ramps and curb cuts.

## ***SCOPE AND CONTENT***

### HAWAII VOLCANOES NATIONAL PARK MAINTENANCE DIVISION RECORDS 1925-2011 (bulk dates: 1970s-1980s)

<i>CATALOG NUMBER</i>	HAVO 15725
<i>VOLUME</i>	8824 EA
<i>DESCRIPTION</i>	<p>Records document the work, history, and activities of the Maintenance Division and the history of Hawaii Volcanoes National Park and its resources. The Maintenance Division is in charge of the construction and maintenance of park assets, including roads and trails, landscapes, structures and buildings, and utilities. It records the changes and maintenance of these assets for the future, which provides resources and reference for histories, future maintenance, and structure reports.</p> <p>The records date from 1925 to 2010, with the bulk of the records from the 1970s and the 1980s. The records include indices and inventories of park assets; project, performance, laboratory, and completion reports; memorandums; correspondence; standard operating procedures (SOP); maps; plans; drawings; estimate and construction cost lists; work orders; financial statements; scope of work; proposals; contracts; meeting minutes; handwritten notes; bids; DI-1 forms; field books; photographs; and negatives. Oversize maps, plans, and drawings were removed with separation sheets to be stored flat in oversize cabinets.</p> <p>The bulk of the collection is records pertaining to maintenance of park buildings and structures. The records include photographs of the structures, floor plans, negatives, and accounts of the structure which include information such as the year it was built, square footage, the original cost, the present value, the type of construction, the finish, utilities, equipment, condition, and fire protection.</p>
<i>ORGANIZATION</i>	<p>This collection is arranged into eight subseries: Administration (1964, 1983); File Codes (1955-1997); Field Books (1925-1970); Water Systems and Quality (1964-2011); Facilities (1949-2010 (bulk dates: 1949-1957, 1981)); Roads and Trails (1964, 1972, 1979, 2003, 2005);</p>

	Utilities (1970, 1982, 1992, 2005-2009); and Photographs and Audiovisual (1950s-2000s, undated). Some series contain subseries. For descriptions of individual series, see the series' scope.
<i>PROVENANCE</i>	Materials in this collection were generated and/or received by the Maintenance Division of Hawai'i Volcanoes National Park. Accession 583 and Accession 674 were received from Rose Cortez, buildings and utilities supervisor. Tracy Laqua and Keola Awong retrieved the 15 linear feet of records on May 27, 2003. Additional materials from Rose Cortez came in 2004. Initially this accession was approximately 17 linear feet of records, according to the April 2009 archives control form. In 2010, park archivist Helen Wong Smith processed the records and designated approximately 8 linear feet of maintenance files as resource management records per NPS 19-B Records Disposition Schedule and those files were transferred and accreted into the resource management records collection (HAVO-00584, HAVO 15726).
<i>RESTRICTIONS</i>	YES – water lines
<i>ASSOCIATED MATERIALS</i>	

*LANGUAGE*

All Hawaiian language words in the finding aid are written without the okina and macron diacritical marks. This is to help ensure the finding aid is text searchable in pdf format for all users. Two resources for the proper spelling of Hawaiian words-- including placement of the okina and macrons-- are the Hawaiian Electronic Library (<http://wehewehe.org/>) and, for official place names, the United States Board on Geographic Names <http://geonames.usgs.gov/>.

***HIERARCHY***

- I. ADMINISTRATION, 1964, 1983
  - A. REPORTS, POLICIES, PROCEDURES, 1964, 1983
- II. FILE CODES, 1955-1997
- III. FIELD BOOKS, 1925-1970
- IV. WATER SYSTEMS AND QUALITY, 1964-2011
  - A. INFRASTRUCTURE, 1975-2010
    - 1. RULES AND REGULATIONS, 1995-2010
    - 2. CORRESPONDENCE, 1993-2009
    - 3. MAINTENANCE, 1975-2010
    - 4. WATER RESOURCE LOCATIONS, 1978-2009
  - B. PROJECTS, 1993-2011
    - 1. PROJECT MANAGEMENT INFORMATION SYSTEM PROJECT, 1993-2011
    - 2. TUBERCULATION REMOVAL PROJECT, 1997-2000
  - C. WATER SAMPLES, 1991-2011
    - 1. WATER QUALITY REPORTS, 1992-2011
    - 2. LOGS, 1991-2011
- V. FACILITIES, 1949-2010 (bulk dates: 1949-1957, 1981)
  - A. INVENTORIES AND INDICES, 1949-1969 (bulk dates: 1949-1957)
  - B. PROJECTS AND REPORTS, 1957, 1979-1986, 1999, 2004-2010 (bulk dates: 1981)
- VI. ROADS AND TRAILS, 1964, 1972, 1979, 2003, 2005
  - A. INVENTORIES AND INDICES, 2003, 2005
  - B. PROJECTS AND REPORTS, 1964, 1972, 1979

VII. UTILITIES, 1970, 1982, 1992, 2005-2009

A. PROJECTS AND REPORTS, 1970, 1982, 1992, 2005-2009

VIII. PHOTOGRAPHS AND AUDIOVISUAL, 1950s-2000s, undated



## ***SERIES DESCRIPTIONS***

### *I. ADMINISTRATION, 1964, 1983*

This series is arranged into one subseries, Reports, Policies, and Procedures.

This series contains the administrative records from the Maintenance Division and includes records that pertain to policies, procedures, and reports of the Maintenance Division. For records pertaining to specific areas of maintenance, see the series Roads and Trails, Facilities, and/or Utilities.

#### *A. REPORTS, POLICIES, PROCEDURES, 1964, 1983*

This subseries is arranged alphabetically.

This subseries contains an Annual Development and Maintenance Report that relates to multiple park projects and an Earthquake Damage Trip Report. The Earthquake Damage Trip Report documents the November 16, 1983 earthquake on the Hawaii Island. The records in the report include cost estimates, photographs, newspaper clippings, correspondence, and highway damage reports. For more photographs of earthquake damage, see the Photographs and Audiovisual series.

### *II. FILE CODES, 1955-1997*

This series was arranged by file code according to the NPS 19-B Records Disposition Schedule, and then chronologically.

This series contains maintenance records labeled according to the NPS 19-B Records Disposition Schedule. Records include project and completion reports; memorandums; correspondence; standard operating procedures (SOP); maps; plans; drawings; estimate and construction cost lists; work orders; financial statements; scope of work; proposals; contracts; meeting minutes; handwritten notes; bids; DI-1 forms; and travel authorizations. These records were maintained in this series because they were previously arranged in this order; however, records that relate to these file codes can be found in all series within the Maintenance Division Records.

### *III. FIELD BOOKS, 1925-1970*

This series is arranged in ascending chronological order.

This series contains field books mostly relating to surveying the park for the construction and maintenance of roads and trails, but also for the construction and maintenance of buildings and utilities such as waterlines. The majority of the books for surveying roads and trails

include traverse surveys, topographic surveys, sub-grade and finish books, slope stake books, and alignment books. Field books also include daily work logs of construction and materials books. Hawaii Volcanoes National Park and Haleakala National Park are included in the field books. Books typically include an index. There are gaps in the dates and many years are not represented.

#### IV. *WATER SYSTEMS AND QUALITY, 1964-2011*

This series is organized into three subseries: Infrastructure, Projects, and Water Samples.

This series contains technical information and regulatory policies and guidelines related to the park water system. The series includes records of rehabilitation and repair projects. Results are from water samples from 1992 to 2011, and chlorination logs from 1990 to 2011. Records include correspondence, manuals, drawings, logs, and lab results relating to the water systems of the park. Lab results include lead and copper tests, bacteriological reports, and chlorine residual readings.

##### A. *INFRASTRUCTURE, 1975-2010*

There are four sub-subseries in this subseries: Rules and Regulations; Correspondence; Maintenance; and Water Resource Location.

This subseries contains records created for recording the park water system, the types of materials used, and changes to the water system. Records include procedure lists, correspondence, item specifications, instructions, maps, and water line systems diagrams.

##### 1. *RULES AND REGULATIONS, 1995-2010*

This sub-subseries contains daily, weekly, monthly, semi-annual, and annual procedure lists. It includes reports, policies, and guidelines for backflow and cross connection and certification of chlorination. Policies include an Environmental Protection Agency inspection for a vehicle wash rack in 1995; guidelines are for soda ash dosing and a DBPR (Disinfectants and disinfection byproducts rule) rule and schedule.

##### 2. *CORRESPONDENCE, 1993-2009*

The sub-subseries is arranged in the following order: general correspondence and correspondence to state.

This sub-subseries contains correspondence with the state and the National Park Service regarding water quality and policies. Subjects include lead and copper testing; safe drinking water monitoring; and turbidity correspondence.

### 3. *MAINTENANCE, 1975-2010*

This sub-subseries is arranged alphabetically by the project name assigned by maintenance staff.

This sub-subseries contains specifications and correspondence for items used in the park water system including the catchment pond liner and an evaluation of the catchment systems. It also contains instruction manuals, studies, and statistics for water system products.

### 4. *WATER RESOURCE LOCATIONS, 1978-2009*

This sub-subseries contains diagrams and maps of the park's water system. Maps include those depicting the locations of sewer lines and cesspool locations. Diagrams include statistics and a map of Kahuku water system, as well as a diagram of the Aiea water system and the Namakani Paio and Lava tube reservoir tank.

## B. *PROJECTS, 1993-2011*

This subseries is arranged into two sub-subseries: Project Management Information Systems (PMIS) and Tuberculation Removal.

This subseries contains water system project reports, including Project Management Information Systems and the tuberculation removal project. The records include draft reports, correspondence, review, drawings, and final reports with review comments.

### 1. *PROJECT MANAGEMENT INFORMATION SYSTEM PROJECT, 1993-2011*

This sub-subseries is arranged by Project Management Information System project number and then chronologically by date.

This sub-subseries contains Project Management Information System (PMIS) projects, including project numbers 8214, 93136, 97404, 102350, 131246, 150327. The records include a draft report, review, drawings, a draft final, a final report, and review comments for PMIS HAVO 8214, Project Pressurize Water System. PMIS HAVO 93136 Rehabilitate Rain Catchment System records contain project specifications, drawings, a compact disc, and correspondence. PMIS HAVO 97404 Install Water Filtration System records include correspondence and drafts. PMIS

HAVO 102350 Replace Pipe to Resources Management records include a draft and correspondence. PMIS HAVO 131246 Replace Corroded Water Distribution Lines records include a draft. PMIS HAVO 150327 Repair Pond Liner at Reservoir #2 records include correspondence and drafts.

## 2. *TUBERCULATION REMOVAL PROJECT, 1997-2000*

This sub-subseries is arranged in chronological order.

This sub-subseries contains records from the Tuberculation Removal Pig-Out Project from 1997 to 2000 and includes drafts and photocopies of photographs.

## C. *WATER SAMPLES, 1991-2011*

This subseries is arranged into two sub-subseries: Logs and Water Quality Reports.

This subseries contains readings and records for monitoring water quality for various park locations.

### 1. *WATER QUALITY REPORTS, 1992-2011*

The water quality reports are grouped by State and then mainland reports and each group is arranged in chronological order.

This sub-subseries contains State and mainland reports that monitor water quality from various locations within the park. Mainland records include sanitary survey report, correspondence, and water quality monitoring results. Testing results include lead testing, bacteriological and copper eater sampling. State lab results include reports for positive coliform, positive SOCs (synthetic organic compounds), oil and grease, and a special PB test B-19.

### 2. *LOGS, 1991-2011*

Logs are arranged alphabetically by location and then chronologically.

This sub-subseries contains daily and weekly logs for water quality readings. Folders cover the types of chemicals being tested and the organization/institution mandating the test.

## V. *FACILITIES, 1949-2010 (bulk dates: 1949-1957, 1981)*

The series is arranged into two subseries: Inventories and Indices; and Projects and Reports.

This series contains records relating to the maintenance of Hawaii Volcanoes National Park's buildings and structures. The series contains inventories, indices, building files, photographs, negatives, drawings, and reports.

A. *INVENTORIES AND INDICES, 1949-1969 (bulk dates: 1949-1957)*

The series is arranged in alphabetical order. Folders labeled "Building Files" are arranged according to the number associated with the building.

This subseries contains records relating to tracking and recording buildings and structures in Hawaii Volcanoes National Park for historical purpose or reference. The records document the variety of structures and buildings that maintenance is charged with and the work performed on the various structures and buildings. The records include floor plans, photographs, indices, and inventories. Of specific interest in this subseries is the folders labeled "Building Files." These folders are a record of maintenance performed on various structures in the park from the years 1949 to 1957. The records include photographs of the structures, a floor plan, and a detailed account of the structure which includes information such as the year it was built, square footage, the original cost, the present value, the type of construction, the finish, utilities, equipment, condition, and fire protection. There is also a section for remarks regarding maintenance of the structure that includes information such as maintenance work performed.

B. *PROJECTS AND REPORTS, 1957, 1979-1986, 1999, 2004-2010 (bulk dates: 1981)*

This subseries is arranged in alphabetical order.

This subseries contains projects and reports about building and structural maintenance. Records document furnishings, rehabilitations, and modifications of various sites. Records include checklists, drawings, photographs, specifications, and correspondence.

The majority of the records are from a 1981 Facility Accessibility Reporting Package. The records document the accessibility of various park structures and buildings and include an accessibility checklist, which monitors accessibility issues for areas such as parking, signage, doors, and restrooms. The Facility Accessibility Reporting Package documents the difficulty maintaining park sites and amenities while trying to meet the challenges of making these sites and amenities accessible to all park visitors and employees.

VI. *ROADS AND TRAILS, 1964, 1972, 1979, 2003, 2005*

This series is arranged into two subseries: Inventories and Indices; and Projects and Reports.

This series documents Maintenance's role in maintaining, planning, and creating the park's roads and trails. Records include inventories, reports, and projects. For more information on roads and trails, see the series Field Books.

A. *INVENTORIES AND INDICES, 2003, 2005*

This subseries is arranged alphabetically by folder title.

This subseries contains records relating to tracking and recording roads and trails thorough indices and inventories at Hawaii Volcanoes National Park for historical purpose or reference. The records document the variety of roads and trails that maintenance is charged with and the work performed on them.

Records in this subseries include the Crater Rim Drive Historic Road Inventory, which documents Crater Rim Drive and features along the road. The records include photographs, negatives, and a report.

B. *PROJECTS AND REPORTS, 1964, 1972, 1979*

The subseries is arranged alphabetically by title.

This subseries contains projects and reports related to roads and trails. The subseries contains three maps related to highway and road projects in the Park.

VII. *UTILITIES, 1970, 1982, 1992, 2005-2009*

The Utilities series is divided into one subseries, Reports and Projects.

This series documents maintenance's work with park utilities such as phone, electric, and water. The series contains locations for cesspools and water system projects, a photograph report of the septic conversion, and a Tank Closure and Site Remediation Report. For more water records, see the series Water Systems and Quality.

A. *PROJECTS AND REPORTS, 1970, 1982, 1992, 2005-2009*

Records are arranged in alphabetical order according to folder title.

VIII. *PHOTOGRAPHS AND AUDIOVISUAL, 1950s-2000s, undated*

Photographs are arranged in alphabetical order, with the exception of photographs that came as a group. These photographs are in original order.

This series contains photographic and audiovisual material not directly associated with any of the previous series, but still documenting maintenance and its work. The majority of the photographs were accessioned as a group, but did not fit directly within a series. To maintain this grouping, fictitious headings were added to titles so the photographs would remain/appear intact, for instance, "Maintenance Photograph Book." Other photographs and negatives came as individual items. For more photographic and audiovisual material relating to maintenance, see the Interpretation Records' series, Photographs and Audiovisual.

## **FILE UNIT DESCRIPTIONS**

### *SERIES II. FILE CODES, 1955-1997*

**001. D18 HAWAII BELT ROAD WIDENING, HAWAII VOLCANOES NATIONAL PARK (HAVO) 'SPECIAL PROVISIONS PROPOSAL CONTRACT AND BOND', 1991**

Project report titled 'Special Provisions Proposal Contract and Bond' for Hawaii Belt Road Widening, Hawaii Volcanoes National Park (HAVO), M.P. 34.7 to M.P. 35.9. Federal aid project no. FLH-011-2(22). 1991.

**002. D20 MAGMA HOUSE, 1988-1991**

Memorandums, correspondence, standard operating procedures (SOP), floor plans, use, maintenance work performed, and individual building data for Magma House.

**003. D20 ANIMAL AND WEED CONTROL 8300-7022-404, 1989**

Completion report for animal and weed control project at Hawaii Volcanoes National Park (HAVO) 8300-7022-404

**004. D20 TUBERCULATION REMOVAL PLAN, APR 1997**

Plan 'Tuberculation Removal' Hawaii Volcanoes National Park, April 1997, drawing no. 124/80,062, sheet 1 of 1, includes legend, scale 1in=100ft. Dimensions: H 22in x W 34in.

**005. D22 MAP - KILAUEA CRATER VICINITY- KILAUEA and KILAUEA IKI PARKING AREAS, 1960**

Drawing: 2 sheets: 'Kilauea Crater Vicinity, Part of the Master Plan, Hawaii National Park (HAVO)', March 1960, drawing no. NP-HAW 3114, sheet 1 of 1, includes legend, scale 1in=1200ft. Annotated in brown pencil 'shaded areas indicate this project'. Dimensions: H 22in x W 36in. 'Kilauea and Kilauea Iki Parking Areas, Route I Crater Rim Road, Hawaii National Park', 6/10/1960, drawing no. NP-HAW 3114, sheet 1, scale 'as indicated'. Dimensions: H 22in x W 36in.

**006. D30 FENCING AND TRAIL CONSTRUCTION, DEC 1976**

Map of Hawai'i Volcanoes National Park is annotated in red, blue, green, yellow, and black marker to depict boundary fence, internal fence, goats, major pig problem areas, and non enclosures. Handwritten note on bottom, Nov. 1981: Goat Boundary Fence=41.6 miles, Goat Internal Fence=9.8 miles, Pig Boundary and Internal Fence=11 miles. Includes legend, scale 11/16in = 1 mile. Handwritten on back of map 'Fencing Map Dec. 1976' and 'Planting Map'. Condition of map is okay. Bottom edge is tattered, tear in bottom right, foxing especially along bottom edge, small amount of paper missing in center of map under Makaopuhi Crater. Dimensions: H 24in x W 36in.

**007. D30 BY PASS ROAD - HEADQUARTERS AND VICINITY, 1957-1962**

Project cost breakdowns, completion report, work orders (no. R-3-HAWA), financial statement, engineer's estimate, scope of work, memorandums, testing laboratory reports, sample card and field test reports, memorandum of tri-party agreement between Hawaii Volcanoes National Park (HAVO) superintendent, Hawaii State Highway Department and



Division Engineer of Bureau of Public Roads (May 4, 1960), and proposal and contract for Headquarters By Pass Road and Connections - grading, base course, and bituminous surfacing.

**008. D30 KALAPANA SURFACING 2-B2-C2, 1964-1965**

Memorandums, meeting minutes, handwritten notes, bids, financial statement, engineer's estimate, and review of work for 2-B2-C2 Chain of Craters - Kalapana Road Surfacing.

**009. D30 LETTER REPORT - LETTER REPORT - SHALLOW SUBSURFACE INVESTIGATION, PROPOSED WATER SYSTEM IMPROVEMENT PROJECT, 1978**

Letter Report - 'Shallow Subsurface Investigation, Proposed Water System Improvement Project, Hawaii Volcanoes National Park (HAVO), Kilauea, Hawaii, Hawaii, For National Park Service, U.S. Dept. of the Interior, Dames and Moore job no. 2050-053-11' with attachments including maps, plans, charts, graphs.

**010. D30 LETTER REPORT - SOILS INVESTIGATION - PROPOSED ACCESS ROADWAY, 1979**

Letter Report - 'Letter Report - Soils Investigation - Proposed Access Roadway, Hawaii Volcanoes National Park (HAVO), Kilauea, Hawaii, Hawaii, For National Park Service, U.S. Dept. of Interior, Dames and Moore job no. 2050-056-11' with attachments including maps, plans, charts, graphs.

**011. D30 RECONSTRUCTION OF TRAILS, 8300-7016-503, 1982**

Completion report for Reconstruction of Trails, 8300-7016-503.

**012. D30 CHAIN OF CRATERS ROAD, CX8005-8300-404, 1983**

Completion report including Final Construction Report for Hawaii Volcanoes National Park (HAVO) Project 2(4), Chain of Craters Road, Grading, Base Course, and Bituminous Surfacing, CX8005-8300-404.

**013. D34 PAINT BUILDINGS, 8304-2508-290, 1982**

Project management plans, job order requests, labor cost distribution reports, and DI-1 forms regarding painting buildings, 8304-2508-290.

**014. D34 REPAIR AND REROOF BUILDINGS, 8304-2507-290, 1982**

Project management plans, job order requests, DI-1 forms, reimbursement voucher, and labor cost distribution report regarding repair/reroof buildings, 8304-2507-290.

**015. D34 ARCHAEOLOGICAL STRUCTURES, 8300-2503-292, 1982**

Project management plans, job order requests, handwritten notes, labor cost distribution report, and travel authorizations regarding the stabilization and maintenance of archeological structures in Wahaula and Kamoamoia areas of the Kalapana district, 8300-2503-292

**016. D34 REWIRE BUILDINGS, 8304-2506-290, 1982**

Project management plans, job order requests, order for supplies or services forms, DI-1 forms, reimbursement vouchers, and handwritten notes regarding the rewiring of shops and building numbers 13, 27, 27B, 17, 37 to bring to national electrical code, 8304-2506-290.

**017. D34 DAY LABOR OBSERVATORY, 8300-7020-404, 1987**

Completion report for day labor at 'Hawaiian Volcano Observatory' (HVO), 8300-7020-404

**018. D34 NEW FIRE STATION, 1992**

Memorandums regarding the construction of Hawaii Volcanoes National Park (HAVO)'s fire truck building.

**019. D34 ENTRANCE STATION FRESH AIR PROJECT, 1987-1993**

Hawaii Volcanoes National Park (HAVO)/PAAR project review forms, memorandums, hand-drawn and computer-generated plans and drawings heavily annotated, and construction cost estimate sheet pertaining to providing fresh air to the two entrance station booths.

**020. D34 HELIPORT GARAGE AND STORAGE BUILDING DEA, 1988-1989**

Hawaii Volcanoes National Park (HAVO) project review form, on screen activity performance reports, DI-1 forms, handwritten notes, and annotated drawings and plans regarding the construction of helicopter garage and storage facility for DEA.

**021. D46 HAWAII VOLCANOES NATIONAL PARK (HAVO) GAS STATION, 1977**

Development/study package proposal forms, memorandums, hand sketched drawings, construction proposal and cost estimates, request for quotations forms, handwritten notes, guidelines and instructions regarding the construction of a gas pump at Hawaii Volcanoes National Park (HAVO) in the Kalapana utility area

**022. D46 REPLACE LIGHTING LAVA TUBE, 8304-2502-291, 1982**

Project management plans, handwritten notes, labor cost distribution reports, order for supplies or services forms, DI-1 forms, reimbursement vouchers, receiving reports, and request for quotations forms to replace lighting in Thurston Lava Tube, 8304-2502-291.

**023. [D46] ASBESTOS REMOVAL, 1996**

Memorandum regarding review of assessment of actions having an effect on cultural resources, scope of work, and correspondence pertaining to housing asbestos removal. Folder contains one floppy disk labeled 'Gene Paul - Asbestos.'

**024. D5023 REPLACE FURNACES, 1996**

Request for Quotations 1443 RQ8000-97-001 - Replacement of Oil-Fired Furnaces Hawaii Volcanoes National Park (19 pages), work statement, invoices, authorization to dispose asbestos forms, correspondence, procurement forms, and bid proposals with Cole of Hawaii Technical Services regarding the removal and replacement of 14 oil fired furnaces at Hawaii Volcanoes National Park (HAVO) with government provided Dornback furnaces.

**025. D5027 UTILITY POLE LOCATION PLANS, 1987**

Correspondence to Hawaiian Telephone Company with plans regarding the utility pole locations for the Entrance Station.

**026. D5027 UNITED STATES GEOLOGICAL SURVEY (USGS) PHONE LINE, 1993**

Memorandum, correspondence, development/study package proposal, and oversize plans regarding the replacement of United States Geological Survey (United States Geological Survey (USGS))-National Park Service telephone line to Jaggar Museum and Hawaiian Volcano Observatory. 3 oversize plans: Sheet 1: Standard Handhole Type 1 using 435T-B Fullbox Covers, Hawaiian Telephone Company, 9-11-[66?]. Includes top plans and floor

plans for cast-in-place and precast handhole, sections A-A, B-B, C-C, and D-D, duct entrance details and general notes. Scales noted. Sheet 2: 435-TB6 Pullbox (3 Covers), Hawaiian Telephone Company, 9-30-75. Includes plans, sections A-A, B-B and C-C, typical applications, details and installation notes. Scales noted. Sheet 3: Standard Duct Formations Manhole Details, Hawaiian Telephone Company, revised 1991. Includes assorted drawings of standard duct formations, elevation views of typical PVC conduit bend installation details and duct drain detail, typical application, typical manhole duct window, typical window detail and junior end bell, section showing inter-locking spacers, typical steel pipe installation details, etc. Scales noted. Dimensions: H 22in x W 34in.

**027. D5027 PHONE SYSTEM, 1997**

Drawings, plans, and phone lists for headquarters, maintenance area, and research area including resources management and United States Geological Survey (USGS)-BRD regarding the telephone system.

**028. D5031 CESSPOOL LOCATION, 1955-1959**

Master plan buildings chart control list, tablet of hand sketched building drawings with cesspool locations titled 'To: Waterhouse - for Master Plan Data, March [19]55', and 4in x 7in United States Department of the Interior (USDOI) tablet titled 'Cesspool Locations as measured by Kawasaki, Foreman, B&U. 1958-59'.

**029. D66 SIGNS, 1971-1974**

Sketches, drawings, cost lists, and handwritten notes pertaining to the construction and location of road, trail and informational signs throughout the park.

*SERIES III. FIELD BOOKS, 1925-1970*

**001. ALIGNMENT #1, MAUNA LOA PRELIMINARY, 0+00 TOP TO 1467 TANKS - INDEX: TRIANGULATION FOR TOPOGRAPHY AT MAUNA LOA PIT, BASE LINE FOR ABOVE, ALIGNMENT 0+00 TO 1467, TOPOGRAPHY 28+00 TO 352, JUN-SEP 1925**

**002. ALIGNMENT #2, MAUNA LOA PRELIMINARY, 1467 TO 1830 - INDEX: MAUNA LOA PRELIMINARY 'P' 1467 TO 1830, MAUNA LOA 'A' LINE 1346-1648 + 54.2, TOPOGRAPHY 'A' LINE 1496 + 34 TO END, MAUNA LOA 'B' LINE BIRD PARK ALTERNATE, 'B' TIE TO 'P', JUL-OCT 1925**

**003. LEVEL BOOK NO. 1 MAUNA LOA LINE - INDEX: BEGINNING LEVEL SUMMIT MAUNA LOA, LEVELS 0+00 TO 278, TOPOGRAPHY 0+00 TO 27+40, LEVELS 279 TO 514, AUG 1925**

**004. LEVEL BOOK NO. 2 MAUNA LOA LINE - INDEX: LEVELS MAUNA LOA SURVEY-STA 514 + 79 TO 1089 + 24, HAND LEVEL NOTES OF RED HILL WATER HOLE, AUG-SEP 1925**

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- 005. LEVEL BOOK NO. 3 - MAUNA LOA LINE, SEP 1925**
- 006. LEVEL BOOK NO. 4 MAUNA LOA LINE - INDEX: LEVELS-STA 1550 TO STA 1830, ALIGNMENT DATA 1311 + 70.0-1391 + 16.0, SEP 1925**
- 007. LEVEL BOOK NO. 7 - INDEX: 'A' LINE - MAUNA LOA PROJECT #5 AND 'B' LINE - MAUNA LOA, 1925**
- 008. TOPOGRAPHY NO. 1 MAUNA LOA LINE - INDEX: CROSS SECTION CONTINUED FROM ALIGN #1, TOPOGRAPHY 352 TO 1467, AUG-SEP 1925**
- 009. HAWAII NATIONAL PARK (HNP) M1 - INDEX: PARKING AREA AND ROAD AT HEADQUARTERS BUILDING, BOUNDARY THRU GOLF COURSE, KILAUEA MILITARY LEASE SURVEY, TOPOGRAPHY NEAR VOLCANO HOUSE, ROAD LOCATION: MESS HALL AND BUNKHOUSE, ROAD LOCATION: PARK ENTRANCE AND HILO ROAD, WATER SUPPLY: HEADQUARTERS - W.E. ROBERTSON, APR 1937**
- 010. HAWAII NATIONAL PARK (HNP) M2 BOOK I - HILINA PALI TRUCK TRAIL PRELIMINARY - ROBERTSON, APR 1937**
- 011. HAWAII NATIONAL PARK (HNP) M3 BOOK II - HILINA PALI TRUCK TRAIL PRELIMINARY LINE, LEVEL NOTES- ROBERTSON, APR 1937**
- 012. HAWAII NATIONAL PARK (HNP) M4 BOOK III - HILINA PALI TRUCK TRAIL - ROBERTSON, APR 1937**
- 013. HAWAII NATIONAL PARK (HNP) L6 - LEVEL NOTES MAUNA KEA TRUNK TRAIL, FROM BIRD PARK PARKING AREA TO 6500 ELEVATION - ROBERTSON, APR-JUN 1937**
- 014. HALEAKALA SECTION BOOK 1 - INDEX: MCGEE SPRINGS ROAD, NOTES ON LOCATION OF POWER AND TELEPHONE LINES UPHILL, AUG 1954**
- 015. NO TITLE - LAVA TUBE HANDRAILS, CONTROL FOR NEW RAINSHED, CENTER LINE STRIPE CONTROL AT HILO ENTRANCE TO PARK HEADQUARTERS, JUL 1955-APR 1962**

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- 016. KILAUEA I - B.M. V HOUSE FLAG. 3972.54, INDEX: LEVELS OF UWEKAHUNA CHEM LAB, OCT 1956**
- 017. NO TITLE - INDEX: STADIA TRAVERSES FOR WATER LINES FROM RAINSHED TO HEADQUARTERS AREA, CONTROL SURVEYS- HEADQUARTERS WATER. DISTRIBUTION SYSTEM, HORIZONTAL AND VERTICAL, MAR 1957-SEP 1958**
- 018. RAINSHED AND TRESTLE DAILY LOG - WATER DISTRIBUTION SYSTEM AND RESIDENTIAL PIPING, JUN 1957-OCT 1958**
- 019. [A-LINE OF PARK ENTRANCE ROAD, B-LINE SPUR, PARKING AREA ROAD], JUN-JUL 1963**
- 020. AREA CONTROL TRAVERSE LEVELS, HAWAII NATIONAL PARK (HNP) - KILAUEA IKI GUARDRAIL, AND HOUSE SITE SURVEY HALEAKALA SECTION, 1957-1959**
- 021. GRADE BOOK - INDEX: HAWAII VOLCANOS NATIONAL PARK HEADQUARTERS MAIN PARKING, AREA: SUB. AND FINISH GRADES PARK HEADQUARTERS ENTRANCE PARKING AREA, ROADS-SUB. AND FINISH GRADES MAIN PARK ENTRANCE ROAD, REVISION-SUB. AND FINISH GRADES PARK ENTRANCE ROAD SPUR, B-LINE-SUB. AND FINISH GRADES ALOI CRATER ROAD LINE, CHANGE-SUB. AND FINISH GRADES PARK ENTRANCE-HWY. TRAFFIC, MERGER-SUB. AND FINISH GRADES WATER SYSTEM FENCE PERIMETER AT RAINSHED, MAY-JUN 1963**
- 022. R-5-HAWAII VOLCANOES NATIONAL PARK (HAVO) - KAMOAMOA CAMPGROUND, ROAD C-1, RESIDENTIAL AREA, ROAD C-2, OCT 1963**
- 023. TRANSIT BOOK - INDEX: ALOI CRATER ROAD LINE TIE CURVE DATA AND REFERENCES, MAIN PARK ENTRANCE ROAD AND SPUR-CURVE DATA AND REFERENCE, MAR-MAY 1963**
- 024. X-SECTION PROFILE BOOK - INDEX: HEADQUARTERS MAIN PARKING AREA CROSS SECTIONS, HEADQUARTERS MAIN ENTRANCE ROAD CROSS SECTIONS, HEADQUARTERS AUXILIARY PARKING AREA CROSS SECTIONS, PROPOSED MAIN PARK ENTRANCE ROAD TIE A-LINE CROSS SECTIONS, EXISTING MAIN PARK ENTRANCE ROAD CROSS SECTIONS, PROPOSED ALTERNATE Y TIE TO PARK ROAD B-LINE, ALOI CRATER ROAD LINE**

**CHANGE ON CHAIN OF CRATERS ROAD, MAIN PARK ENTRANCE TRAFFIC MERGER ON MAIN HIGHWAY, BENCH LEVELS FOR ESTABLISHED WORK BENCH MARKS IN HEADQUARTERS AREA, ESTABLISHED WORK BENCH MARKS FOR ELEVATION CONTROL, MAR-APR 1963**

**025. X-SECTION SLOPE STAKE BOOK - INDEX: MAIN PARK ENTRANCE ROAD: REVISION, PARK ENTRANCE ROAD SPUR B-LINE, ALOI CRATER ROAD LINE CHANGE, PARK ENTRANCE HIGHWAY TRAFFIC MERGER LANES, MAY-JUN 1963**

**026. WATER LINE-UWEKAHUNA TO NAMAKANI PAIO, NAMAKANI PAIO CAMPGROUND CONTROL FOR CABIN CAMP, DEC 1963-FEB 1964**

**027. DIARY - HAWAII VOLCANOES NATIONAL PARK (HAVO), KALAPANA AREA, WAHAULA VISITOR CENTER, CONTRACT NO. 14-10-4; 124-001, CONTACTOR: S.K. ODA, LTD., JUL-AUG 1966**

**028. TOPOGRAPHY BOOK #1 - VOLCANO HOUSE, NAULU PICNIC AREA, KALAPANA RANGER STATION, WAHAULA HEIAU - WINGATE, JUN-JUL 1967**

**029. TOPOGRAPHY BOOK #2 - CONTINUE WAHAULA HEIAU, AUG 1967-AUG 1970**

**030. TOPOGRAPHY EAST OF HEADQUARTERS SERVICE ROAD FOR PROPOSED POST OFFICE BUILDING, ETC., JUN 1968, JUN 1970**

**031. TOPOGRAPHY 2 MAUNA LOA ROAD - MAUNA LOA LINE 1467 TO 1830, n.d.**

**032. BEDROOM AND BATH ADDITIONS - PHOTOS, BUILDINGS AND UTILITIES - PHOTOS, n.d.**

Contains an assortment of 2.5in x 2.5in to 3.5in x 5in black and white photographs. Many photos are loose and not taped to pages of book.

**033. ROADS AND TRAILS - PHOTOS, n.d.**

Contains an assortment of 2.5in x 2.5in to 3.5in x 5in black and white photographs. All photos are loose and not taped to pages of book.

**034. STEEL TANKS, RAINSHED AND PIPING CONSTRUCTION PHOTOS, n.d.**

Contains an assortment of 2.5in x 2.5in to 3.5in x 5in black and white photographs.

*SERIES IV. WATER SYSTEMS AND QUALITY, 1964-2011*

*SUBSERIES A. INFRASTRUCTURE, 1975-2010**SUBSUBSERIES 1. RULES AND REGULATIONS, 1995-2010***001. PROCEDURES, n.d.**

Daily, weekly, monthly, semi-annual and annual procedures

**002. BACKFLOW PREVENTION POLICY, 1998-2010**

2 folders of reports, records and policy for backflow and cross connection and certificate of chlorination

**003. EPA WASH WATER, 1995-2006**

Policies and guidelines including EPA inspection for vehicle washrack.

**004. SODA ASH DOSING, 1999-2000**

Soda Ash dosing guidelines.

**005. STAGE 2 DBPR, 2004**

Stage 2 DBPR (Disinfectants and disinfection Byproducts Rule) and schedule and certification letter from 2008.

**006. GROUND WATER RULES, 2009-2010**

Correspondence and calculations for the ground water rule.

**007. WATER TANK CERTIFICATION, 2000-2008**

Correspondence and survey reports and guidelines for water tankers. Records for water hauling.

*SUBSUBSERIES 2. CORRESPONDENCE, 1993-2009***001. GENERAL CORRESPONDENCE, 1993-2006**

General correspondence about water systems arranged chronologically.

**002. CORRESPONDENCE WITH STATE, 2005-2009**

Correspondence for safe drinking, and lead and copper testing and water monitoring and turbidity with State agencies.

*SUBSUBSERIES 3. MAINTENANCE, 1975-2010***001. CATCHMENT POND LINER, 2008**

Specifications and correspondence in regards to catchment pond liners.

**002. CATCHMENT PAPERS, 2007-2009**

Evaluation of catchment systems and correspondence.

**003. CLA-VAL AUTOMATIC CONTROL VALVES, 1997-2007**

Specifications and correspondence for CLA automatic control valves.

**004. CLA-VAL PRESSURE WATER SPECS, 2007**

Specifications for CLA-VAL pressure water.

**005. COMPOSTING TOILET, 2005**

Instructions for operations and maintenance information for composting toilets.

**006. ELECTRICAL PUMP CONTROL DIAGRAMS, 1975-1997**

Schematics and specifications and instructions for electrical pump.

**007. FLOTEL FLOW SWITCH, n.d.**

**008. FLUKE THERMOGRAPHY PRINCIPLES, 2009**

Manual for thermal imager.

**009. HDPE, 2007-2010**

High density polyethylene embrittlement studies and statistics.

**010. HYDRANTS, 1994-2008**

Specifications for hydrants.

**011. MAGNATROL LEVEL CONTROL, 1975-2003**

Instructions, manuals and diagrams and specifications for Magnatrol level control.

**012. MEMCOR MEMBRANE SPECS, 2006-2007**

Specifications for Memcor membranes.

**013. METERS, 1998-2007**

Specifications for meters.

**014. OMNI COUPLING SEPCS, 2007**

Specifications for omni coupling.

**015. PRE-FILTER SPECS, 2008**

Correspondence and specifications for pre-filters.

**016. PRESSURE TANKS, HAV**

Installation manual and specifications for pressure tanks.

**017. PHOTOVOLTAIC INSTALLATION, 2007-2008**

Installation guide for photovoltaic.

**018. PORTA POTTI TOILETS, 1991**

Description and operation and maintenance for porta potti toilets.

**019. PUMPS, 1964-2006**

2 Folders of specifications and correspondence in regards to pumps.

**020. QUINCY COMPRESSOR, 1973**

Specification for Quincy Compressor.

**021. SAMPLING STATION-MANGUARD NO.91**

Specifications for Manguard No. 91 sampling station.

**022. SEPTIC SYSTEM, 2006-2010**

Operation and maintenance manual and disposal plan for septic system.

**023. RURAL COMMUNITY ASSISTANCE CORPORATION (RCAC) ASSESSMENT, 2007**

Rural community assistance corporation papers including technical, managerial, and financial capacity assessment.

**024. SIEMENS MEMBRANE FILTRATION, 2006**

Specifications for siemens membrane filtration.

**025. SLOAN FLUSHOMETERS, 1998-2007**

Maintenance guide and specification for Sloan flushometers.



**026. SLOW SAND FILTERS, 2007-2010**

Correspondence for slow sand filters.

**027. SOLAR ELECTRIC, 1980-1992**

Correspondence and owners guide for solar electric.

**028. SOLAR INSTALLATION, 2000-2006**

Radco owner's manual and diagrams for solar installation.

**029. VAL-MATIC AIR RELEASE VALVES, 1993-2003**

Specifications for cal-matic air release valves.

**030. VALVES, 2000-2003**

Specifications for valves.

**031. UNITED STATES GEOLOGICAL SURVEY (USGS) MECHANICAL SYSTEM, 1984**

Diagrams, and map of a water line system.

**032. WATERLESS URINALS, 2003**

Specifications for waterless urinals.

**033. WATER TANK COATINGS, 1997-2007**

Technical report, specifications for water tank coatings.

**034. WATER TANK SPECS, 2007**

Correspondence and diagrams of water tanks.

*SUBSUBSERIES 4. WATER RESOURCE LOCATIONS, 1978-2009***001. LOCATIONS, 1990-2005**

Correspondence, photocopies, pictures and sample location forms.

**002. DRAWINGS OF WATER SYSTEM, 2003**

Maps of water locations, water system site plan.

**003. HISTORIC AMERICAN ENGINEERING REPORT (HAER) HI-76, 2008**

Historic American Engineering Record HI-76 and draft of plan.

**004. CESSPOOL LOCATIONS, 1999-2005**

Locations, maps of sewer lines and cesspool locations.

**005. AINAHOU WATER SYSTEM, 1978**

Diagrams, and map of a water line system.

**006. KAUKU WATER SYSTEM, 2002-2009**

Statistics and maps of Kahuku water system.

**007. LAVA TUBE RESEVOIR TANK, 2004-2005**

Water line and environmental screening form (ESF) and Project Review.

**008. NAMAKANI PAIO, 2007**

Waterline and correspondence for Namakani Paio.

*SUBSERIES B. PROJECTS, 1993-2011*

*SUBSUBSERIES 1. PROJECT MANAGEMENT INFORMATION SYSTEM PROJECT, 1993-2011*

**001. PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS) 8214, 2003-2010**

5 Folders for Project Management Information System (PMIS) 8214 and draft report for water system and review, drawings, draft final report, final report, and review comments.

**002. PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS) 93136, 2009**

2 Folders for Project Management Information System (PMIS) 93136 Rehabilitate rain catchment system. Project specifications, drawings, CD and correspondence.

**003. PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS) 97404, 2006-2010**

2 Folders for Project Management Information System (PMIS) 97404 Install water filtration system of correspondence and draft of plan.

**004. PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS) 102350, 2007-2009**

Project Management Information System (PMIS) 102350 Replace pipe to resources management and draft and correspondence.

**005. PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS) 131246, 2008**

Project Management Information System (PMIS) 131246 replace corroded water distribution lines and drafts.

**006. PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS) 150327, 2011**

Project Management Information System (PMIS) 150327 Repair pond liner at Reservoir 2 including correspondence and draft of plan.

*SUBSUBSERIES 2. TUBERCULATION REMOVAL PROJECT, 1997-2000*

**001. TUBERCULATION REMOVAL PIG OUT PROJECT, 1997-2000**

Three folders of Tuberculation removal, pig out project

*SUBSERIES C. WATER SAMPLES, 1991-2011*

*SUBSUBSERIES 1. WATER QUALITY REPORTS, 1992-2011*

**001. ENVIRONMENTAL HEALTH SURVEY, 2001-2011**

Environmental health survey results.

**002. CHLORINATION PUMP HOUSE DAILY LOG, 1990-2011**

2 Folders of daily log for chlorination at the pump house.

**003. CHLORINE RESIDUALS READINGS, 1993-2011**

2 Folders of readings for chlorine residuals.

**004. WATER HAULING RECORDS, 2006-2008**

Water hauling records, including invoices.

**005. HOUSE FILTER CHANGES, 2007-2010**

Log of Volcano house filter changes.

**006. HAWAIIAN VOLCANO OBSERVATORY (HVO) BOOSTER LOG, 1991-2010**

Log of Hawaiian Volcano Observatory booster.

**007. RAW WATER PUMP HOUSE, 2006**

Log of raw water pump house.

**008. TURBIDITY DAILY LOGS, 2004-2011**

Daily log of turbidity readings.

**009. WATER ROUGH LOG, 2007-2011**

Log of water rough.

**010. SANITARY SURVEY REPORT, 2000-2011**

Correspondence and copy of sanitary survey report.

**011. TANKS 1 AND 2 READINGS, 2003-2011**

Daily readings of tanks 1 and 2.

*SUBSUBSERIES 2. LOGS, 1991-2011***001. WATER QUALITY MONITORING RESULTS, 2005**

Results of water quality monitoring.

**002. LEAD TESTING SAMPLES, 1992**

Sample results for lead testing.

**003. BACTERIOLOGICAL REPORT, 1991-2010**

10 Folders of results for water quality for state testing.

**004. LEAD AND COPPER WATER SAMPLING, 1992-2005**

7 Folders of results for lead and copper water samples.

**005. LAB RESULTS POSITIVE COLIFORM, 2005**

Includes results and reports on positive results for coliform testing.

**006. LAB RESULTS POSITIVE SOCS, 2006**

Reports for positive results for SOCs (synthetic organic compounds), and oil and grease.

**007. STATE LAB RESULTS, 2006-2011**

8 Folders for results for water results for state lab tests.

**008. MAINLAND LAB RESULTS, 2006-2009**

5 Folders of results for water quality testing for mainland testing, including special PB B-19 test from 2009.

**009. WATER QUALITY CONSUMER REPORT, 1999-2011**

2 Folders of reports for water quality consumer confidence outlines and results

**CONTAINER LIST**

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D20 Animal and Weed Control 8300-7022-404, [Completion Report], 1989	1	7
D20 Tuberculation Removal Plan, Drawing Number 124/80,062, 1997 April	1	8
D22 Map-Kilauea Crater Vicinity-Kilauea and Kilauea Iki Parking Areas, 1960	1	9
D30 Fencing and Trail Construction [Map Depicting Boundary Fence, Internal Fence, Goats, Pig Problem Areas, and Non Enclosures], 1976 December	1	10
D30 By-Pass Road-Headquarters and Vicinity, 1957-1962	35	1
D30 Kalapana Surfacing 2-B2-C2: [Memorandums, Meeting Minutes, Handwritten Notes, Bids, Financial Statement, Engineer's Estimate, and Review of Work], 1964-1965	1	11
D30 Letter Report-Shallow Subsurface Investigation, Proposed Water System Improvement Project, Dames and Moore Job Number 2050-053-11 [with attachments including Maps, Plans, Charts, and Graphs], 1978	1	12
D30 Letter Report-Soil Investigation-Proposed Access Roadway, Dames and Moore Job Number 2050-056-11 [Including Maps, Plans, Charts, and Graphs], 1979	1	13
D30 Reconstruction of Trails [Completion Report], 8300-7016-503, 1982	1	14

D30 Chain of Craters Road [Completion Report], CX8005-8300-404, [Including Final Construction Report for Project 2(4), Grading, Base Course, and Bituminous Surfacing], 1983	1	15
D34 Paint Buildings [Project Management Plans, Job Order Requests, Labor Cost Distribution Reports, and DI-1 Forms,] 8304-2508-290, 1982	1	16
D34 Repair and Reroof Buildings [Project Management Plans, Job Order Requests, DI-1 Forms, Reimbursement Voucher, and Labor Cost,] 8304-2507-290, 1982	1	17
D34 Archaeological Structures [Records Regarding Wahaula and Kamoamoa Areas of the Kalapana District,] 8300-2503-292, 1982	1	18
D34 Rewire Buildings [Records for Building Numbers 13, 27, 27B, 17, and 37] 8304-2506-290, 1982	2	1
D34 Day Labor Observatory [Completion Report], 8300-7020-404, 1987	2	2
D34 New Fire Station [Memorandums], 1992	2	3
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D5031 Cesspool Locations [Master Plan Buildings Chart Control List, and Drawings Including "To: Waterhouse - for Master Plan Data, March [19]55" and "Cesspool Locations as Measured By Kawasaki, Foreman, B&U. 1958-59"], 1955-1959	2	10
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D52 Bid Forms, Volcano Observatory Underground Power Cable, 1963	15	13
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D52 Bid Forms, [Construction Contracts Corps Construction, Limited], 1964 March	15	15
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