

Finding Aid
for the
Kekaha Sugar Plantation Co. Maps, 1908 - 1998

Kaua'i Historical Society
Līhu'e, HI 96766

MS 68

This Project is Supported by Grants from the Hawai'i Council for the Humanities, Young
Brothers, and the State Foundation on Culture and the Art

Abstract

This collection consists of materials including Maps, Building Plans, Equipment Plans, Operation Records, Housing Records, Land Records, Tax Maps, Surveys and Sketchbooks. Covering the span of 1908 to 1998 the collection documents the development of KSP Co. and the town supporting the plantation and its employees.

History

See Hawaii Sugar Planters Association [Kekaha Sugar Plantation Finding Aid](#) for plantation history.

Background

In 2000 when the Kekaha Sugar Plantation Company was closing a call was placed to the Kaua'i Historical Society noting that all the records were being discarded. Kauai Historical Society board members and volunteers went to the plantation and filled up four flatbed trucks of maps, ledgers, blueprints, records, correspondence, administrative documents, photographs, notes and books. No original order has been maintained except for Series 13 through Series 16 which were self contained in a plastic bin. The condition of materials range from being well preserved to needing cleaning and re-humidification. From the time they were acquired in 2000 until the time they were arranged and described in 2016, the condition of materials also changed. Many of the items were damaged in poor storage conditions.

Scope and Content

The collection is organized into seventeen series.

Field Maps -- The Field Maps were identified both numerically and alphabetically. The Maps are organized chronologically and then by alphabet. Field Maps are located in maps cases and smaller Field Maps are located in hollinger boxes. Smaller format Field Maps arrived at KHS in bundles along with loose survey records.

Structures -- The structures include residential housing workers and managers, plans for the development of the Kekaha Beach homes, as well as plans and maps for the development of the community including plans for the community swimming pool, tennis courts, theatre, cemetery, Waimea Hospital and the administration building for KSP Co.

Maintenance- Maintenance records include plans for the automotive shop, plans for equipment used at KSP Co. including cane trailers, tractors, seed cutting machines, plans for the service station, landscaping and beautification, and dust control of the area.

Infrastructure- Infrastructure encompasses plans for the operation of the of the town including plans for roads, byways, tunnels, sanitation, utilities, hydroelectric, irrigation and pipelines. (See also oversized drawer for oversized infrastructure materials--Map Case C drawer 5.)

Mill- Mill items include layout plans for the mill, cane seed treatment plant, plans for the mill railroad, and office layout plans. (See also oversized drawer for oversized Mill materials--Map Case C drawer 5.)

Administration Administrative Records include operations records relating to the running of the business. These include expense analysis', factory season plans, statistical crop data, possible densities, leases, and contracts.

Operations- Operations include items pertaining to the functioning of the mill. This series includes long range plans, plant varieties planted, record yields, supervisory organizational charts, carryover expenditures, drip records, sugar yields, and cost summaries. This series also includes subseries on plans for the ranch, the aquatic farm, and the garden.

Tax Maps- Tax map created for tax assessors includes large format tax maps in map case B and also smaller format tax maps collated in a "Tax Map Key" found in the hollinger boxes. Pages include landowners names, acreage, and plot dimensions.

Government- The government series consist of Land Court Records, building and permits.

Maritime- Includes plans on frame and design of small boats and boat landing.

Land Records Includes Land Records and General Leases.

Field Notes- Field notes are presented in bound note books and loose leaf.

Field notes were organized according to their found stacks and then bundles within each stack. Field notes found in boxes are indicated by the word "box" (box numbers were assigned by date of records). They are then arranged by the bundles. For example some were bundled together by sleeves, clips or rubber bands.

Eg.1. Box 4 - 1

Box # -- Sequential # of bundle as found within each box.

In the case that loose pages were not bundled by sleeves, clips or bands they will appear in the following format.

Eg.2. 9 9 9
 #1 #2 #3 etc...

This indicates the stack number and the envelope number (keeping the sequence of the loose pages in order).

Housing

Records-

Housing Records include details on total area, tax keys, Number of Stories, Number of Rooms, Number of Bedrooms, and Number of Bathroom. Records also include materials for the frame, roof and roofing. Each record also includes a sketch of floor plans. This series also includes 6 separate floorplan sketches for Hse. 110, 100, 90, 54, 46 & 191.

Loose Items- Discharge table for one foot venturi flume, untitled notebook 1947

Plantation

Maps-

Maps which do not fall into the series above.

Miscellaneous - Surveys, triangulation books, levels, and sketches.

Container List

Location	Drawer	Folder	Series	Sub-Series	Sub-sub-Series	No. of items	Series Summary
Map Case B	1-10		001			894	Field Maps
Map Case C	4		001	001		38	Contours
Map Case C	4		001	002		70	Aerials, includes unidentified
Map Case B	12		002	001	003	85	Structure: Housing: Residential Housing
Map Case B	13		002	001	002	14	Structures: Housing: Managerial Housing
Map Case B	12		002	001	003	49	Structures: Housing: Private/Residential Homes: Kekaha Beach Homes
Map Case B	14		002	002		13	Structures: Administration
Map Case B	13-14		002	003		31	Structures: Community
Map Case B	13		002	003	001	13	Structures: Community: Swimming Pool
Map Case B	14		003	001		26	Maintenance: Equipment
Map Case B	15		003	002		14	Maintenance: Service Station
Map Case B	15		003	003		18	Maintenance: Landscaping / Beautification
Map	15		003	004		9	Auto Repair Shop

Case B							
Map Case B	15		003	005		5	Machine Shop
Map Case B	15		003	006		8	Maintenance: Dust Control
Map Case B	16		004	001		7	Infrastructure: Roads Byways Tunnels
Map Case B	16		004	001	003	7	Infrastructure: Roads: Tunnels
Map Case B	16		004	002		10	Infrastructure: Sanitation
Map Case B	17		004	003	003	55	Infrastructure: Utilities: Hydroelectric
Map Case B	18-19		004	004	001	34	Infrastructure: Water: Irrigation
Map Case B	19		004	004	001	6	Infrastructure: Water: Irrigation: Well Observation
Map Case B	19		004	006		15	Infrastructure: Pipelines
Map Case B	20		005	001		13	Mill: Layout
Map Case B	20		005	001	002	6	Mill: Layout: Office for KSP
Map Case B	20		005	001	003	7	Mill: Layout: Flume
Map Case B	20		005	002		3	Mill: Cane Seed Treatment Plant
Map Case B	20		005	003		3	Mill: Railroad
Map Case C	1		006			18	Administration
	1		007			36	Operations

Map Case C							
Map Case C	2		007	001		10	Operations: Aquatic farm
Map Case C	2		007	002		1	Operations: Ranch
Map Case C	2		007	003		16	Operations: Garden
Map Case C	2		008			34	Tax Maps
Map Case C	3		009			11	Government
Map Case C	3		010			8	Maritime
Map Case C	3		012			9	Land Records
Map Case C	4		n/a			22	Unidentified
Map Case C	5		various			51	Oversized Items
Map Case C	6					8	Maps Collected with Field Notes (below)
Map Case B	11		017			24	Plantation Maps
Library Hollinger Box			013	001		12	Field Notes: Misc. Surveys
Library Hollinger Box	Box 1-2		013	001	001		Field Notes: Misc Surveys Bound
Library Hollinger Box	Box 3-7		013	001	002	115	Field Notes: Misc Surveys Loose
Library	Box 8		013	002		4	Field Notes: Levels

Hollinger Box							
Library Hollinger Box	ox 8		013	003		9	Field Notes: Triangulation
Library Hollinger Box	Box 8		013	004		7	Field Notes: Sketch Books
Library Hollinger Box	Box 9-13		014			323	Field Maps [small format]
Library Hollinger Box	Box 14-15		015			150	Housing Records
Library Hollinger Box	Box 16		016			46	Loose Items

Series: I. Field Maps [001]		Series No.																										
Contour		001.001																										
Arranged by Alpha ID		001.002																										
Arranged by Numerical ID and includes index to Acres		001.003																										
Soil Maps		001.004																										
Soil Maps		001.005																										
Series: II. Structures [002]		002.001																										
Housing		002.001																										
Residential Housing [002.001.003]		002.001.001	Hurricane Skilled Help Plot Plan (Lot Plot Plan, Floor	House Number Skilled Help Plot Plan, Floor	House Skilled Help Plot Plan, Floor	Subdivision Plan Building plan, P-	Hawaii Territory Industrial Service	Kekaha Beach House 5188 letter to L.A. Faye,	Masukawa Farm House 5188	Map Showing House 5188	Septic Tank House 5188	Residence for Mr House 5188	Ditchman House House 5188	Proposed House House 5188	Carport Plan for House #007	House Moving & Plot Plan, Floor L. A. Faye	Insurance Map Dwelling Unit	Sketch Plan Hollow Concrete	Bachelors' Hollow Concrete	2 Bedroom Tile Hollow Concrete	2 Bedroom Tile New Dwelling for	Skilled Help New Dwelling for	Skilled Help Carport Plans & Proposed 2	House for Skilled New Dog Kennel	Skilled Help House Moving			
Managerial Housing		002.001.002	Manager Home	Alterations to Managers	20 x 20 swimming	Manager's	Manager's House	Alterations to	Kitchen Section/ Remodel of	Alterations to	Manager's	Waterlines																
Private/Residential homes		002.001.003																										
Private Kekaha Beach Homes		002.001.003.001	Phase 1-C	Phase 1-C Plan	Phase III-A	Phase III-A Plan	A single family	Kekaha Beach	Kekaha Beach	Map showing	Phase 1	Kekaha Beach	Kekaha Beach	Kekaha Beach	Partial TOPO of													
Private Kekaha Beach Homes		002.001.003.001	Map of Kekaha	Portion of	Hawaiian Homes	Phase II Grading	Kekaha Homes	Kekaha Beach	Kekaha Beach	Kekaha Beach	Kekaha	Kekaha Beach	Kekaha Beach	New House &	Kekaha Beach	Plot Plan Lots	Kekaha Beach	Kekaha Beach										
Structures: Administration		002.002	Kekaha Sugar	Plumbing Plan	Window Detail	Office Building for	Full Size Window	(Unidentified office	Main Office Coffee	Main Office	Office Building	drawing 101--	drawing 107															
Structures: Communit		002.003	Dept of New Kekaha	Industrial Area	Watchman's Route	Radio Noise Station	Main Office	Preliminary Floor	Location of	Kekaha Target	Map Showing	Map Showing	Map of Lot F	Map of Lot F	Proposed	Piping Plan	Map Showing	Kekaha Store	Preliminary	Floor Plan for	Waimea Hospital	Swimming Pool	Swimming Pool	West Kauai	West Kauai			
Swimming pool		002.003.001	Swimming Pool [8Sheets--two sets]-General Layout for Swimming Pool, Main Pool Details, Swimming Pool																									
Theater		002.003.002	Alterations and																									
Series III. Maintenance [003]		003.001																										
Maintenance: Equipment		003.001	Extension for Kawaiale Power Schematic	Kekaha Cable Clamp Activity Chart	Kekaha Automated Planting Tractor	Mana Shaft Mechanical Seed	Parts of Rake Section Elevation	Seip Clarifier Foundation Plan for	Type Nozzle (x 2)	Plan of Cane Car Push back for	25'-6 Cane Full Push Back for	Extension for Ranch Feed	Diesel Electric Details of Shafts,	Diesel Electric Kawaiale Power	Mole Drain Kawaiale Power	Mole Drain Assembly	Automotive shop Rake Bar Screen	Map showing Double Line	Washing and Feed Bin	Washing and Proposed Bin	Washing and Kekaha Sugar	Profile of Prototype Flying	Truck Usage Double Unit	(motor clutch Double Unit	(motor clutch Cane Hauler	Engine Drawing Concrete Filter	Kentworth Truck	
Service Station		003.002	Plan of Service Gasoline Service Station																									
Landscaping/Beautification		003.003	Plan relocating Landscaping Landscape Planning and Untitled landscape Planting Instructions																									
Auto Repair Shop		003.004																										
Machine Shop		003.005																										
Dust Control		003.006	Dust Control	3 Untitled aerial	1 untitled	Dust Control	Dust Control	Untitled dust control	Dust Control	Design Station 5, Design Station 6, Map to design	Control Valve	Island 2 Design,	Island 1 Design,	Dust Control	Parking Plan,	Notes on	Dust Control	Island 3 Design,	Dust Control	6 Unidentified	Notes on Cane	Notes on	Proposed Dust	Proposed Dust				
Series IV. Infrastructure [004]		004.001																										
Roads/Byways/Tunnels		004.001	Roads and Trails	Tunnel Floor	Tunnels above	Kaunaulii	Easement "A" for	Amfac Sugar Kauai	Location Plan	Location Plan	Group 1-No.6	Group 2 - No. 4/ Sugar	Waiihulu	Kokee Roads &	Waikoa-Mohihi	Proposed road												
Byways		004.001.001																										
Easements		004.001.002																										
Tunnels		004.001.003	Camp 6 Bypass																									
Sanitation		004.002	Kekaha Sugar	Consumption & Kekaha Water	Septic Tank Camp	Hawaii Telephone	Non Potable Water	Kekaha Sanitary																				
Utilities		004.003	Power Line	Kauai Electric	57 KV T-Line,	Contour Map,	Proposed Tunnel	Mutual Telephone	Kekaha Sugar	Proposed Power	Power Line	Power Line--	Waiawa Hydro	Kekaha Sugar	Waiawa Hydro	Waiawa	Canyon Ridge	Kauai Electric	Kekaha Sugar									
Electric Gas lines		004.003.001																										
Hydroelectric		004.003.002																										
Hydroelectric		004.003.003	Folder 1 of 3	Kitano Hydro Plant [12-21-82] Proposed Powerline Alignment Along the Kokee Rd (HWY 550)	Orthophograph for the Kitano Hydroplant at Kokee, Kauai, Hawaii [Proj. No. 02278, (Index for Sheets) July 1982, Project No. 02278.3	Topographic Mapping for Kitano Hydroplant Penstock (Index for Sheets) July 1982, Project No. 02278.3	Table of Contents [2 pages]	AmFac Inter-Office Communications [January 20, 1982-- Message re: Kitano, photos and maps] [attached two annotated aerial photographs]	Kitano Hydroelectric Project Technical Specifications [typed Document]	Kitano Hydroplant [HD & C Cost Estimate]	Cost Centers [typed document]	Orthophograph for the Kitano hydroplant at Kokee Kauai, Hawaii [10/19/81]	Map of Canyon Ridge Hydro [11/12/82]	Contour photocopies	Kitano Hydro -- Powerline K.S.Co. E.E. Dept [Proposed Powerline Along Kokee Rd-- annotated photocopy	Kitano Hydro Project [12-21-82] Proposed Powerline Along Kokee Rd.	Kekaha Sugar Co. Ltd. Replacement Buckets for Waimea Hydroelectric Plant Pelton wheel (15 bucket pairs per hub wheel) 9/13/82	Kitano Hydro Project [12-21-82] Proposed Powerline Along Kokee Rd.	Kitano Pen Stock Trail, 7-9-82	Contour [photocopy with annotation]	Contour drawing	Contour drawing	Contour drawing					
Hydroelectric		004.003.003	Folder 2 of 3	Kitano Reservoir Project [7-25-58; Drawing No. 618, File D-7-9	Kitano Hydro Project [Upper Power House Site, Sheet 3, 7-7-82/ Kitano Hydro Project Upper Power Plant Site Contour Maps Sheet 2, 7-7-82	Plantation Map [Jan 15, 1986] Kitano Hydro Plant/Canyon Ridge Hydro/635 Hydro	Plantation Map: Kitano Hydro Data Map	Kitano Hydro Project Upper Power Plant Site [Date: 4-30-82]	Kitano Hydro Project Upper Powerplant Site Contour Map [Sheet 2, 7-7-82]-- blueprint	Kitano Hydro Project Upper Powerplant Site Contour Map [Sheet 3, 7-7-82	Kitano Hydro Project Upper Powerhouse Site [Sheet 3, 7-7-82	Kitano Hydro Project Penstock Intake Site 1 Foot Contour Map, 4-30-82-- Blueprint	Kitano Hydro Project Penstock Intake Site 1 Foot Contour Map, 4-30-82-- Blueprint	Kitano Hydro Project Lower Power Plant Site, 4:30-82-- blueprint	Kitano Hydro Project Lower Power Plant Site, 4:30-82-- blueprint	Penstock Control Traverse and Aerial Photo Control For the Kitano Hydro Mapping at Kokee, Project No 02278, July 6-1981 [x3]	Kitano Hydroelectric Plant, Access Road, Plan & Profile [4 sheets]											
Hydroelectric		004.003.003	Folder 3 of 3	Kitano Hydro Electric Plant, Plans [civil/structural, general, access road, intake structure, penstock, powerhouse-- Large Sheets]	Kitano Hydro Electric Plant, Plans [civil/structural, general, access road, intake structure, penstock, powerhouse-- Small Sheets]																							
Water		004.004																										
Irrigation		004.004.001	Field No 218 [showing drain's and well]	Field 63 [showing mana pump]	Field 23 [showing reservoir]	photocopied aerial [showing backflush water from 117 station & leak water]	photocopied map showing reservoir, aqueduct water tanks, pumping station and settling ponds	Pump Unit 10-2	Sketch of Mana Water Supply Shaft	Ditch overflow dam & ditch bridge	Drain line, drywell, drain manhole locations and catch basin	Kitano Plans memo	Mill Water Pipeline	Makai Schedule (main ditch waterfields 1008 acres) [shows drip hill, booster pump, and gravity fields]	photocopied maps showing ditch bottom, water lines, banks and drain pump	drip warehouse	overhead irrigation distribution tests	1990 drip [blank graph with notes]	triangulation system (kekahah main ditch survey)	Map showing section of kekaha ditch through TLI of Kilaola & part of Waimea Triangulation	drip irrigation map	drip irrigation blocks	drip yield count	note to make drip yield with furrow chart	drip yield chart	Field 215 Drip Design	Field 312 Drip Design	
Irrigation		004.004.001	Field 315 Drip Design	Field 313 and 315 Drip Design	Schematic Map Irrigation System	Field 37 Reservoir Cross Section	Sketch showing Main Ditch to Kawaiele Pumps	Location of New 8" Waterline and proposed huluhulunui track change	Pan evaporation map	map showing ditches, pumps & mill water	Makai drip installation plan	1979 Filter boxes, settling basins, pumping stations and filter boxes	Gr./gallon total (salinity ranges)	map showing pumps and waimea drip	drip design schedule (1975-1980)	drip schedule 1975-1982	drip installation long range plan 1983-1986	drip irrigation system installation schedule 1975-1983	Drainage an Salinity Problems Maps 4-4-79	Map of water supply system	Map of water supply system	drip irrigation blocks	pump ditch map	K.S.CO'S Main irrigation and power system	Irrigation Data Mauka Pumps (pumps 1-2-3)			
Irrigation		004.004.001	Elevation on proposed ditches in field no. 239, March 6/1952	Field 10 Ravine [showing field 9 to field 10, 6/13/73 [2 copies]	untitled 1972 [showing ravine/ditch/drawin]	Ditch from fd 4 to waimea 600 P-12 (2 of 3)	Elevations from Kawaiele Pasture pump to Limaloea lower paster, June 9, 1955, dwg no 544A File D-10 [2 copies]	Waimea reversed grade ditch to pump 12, 8-75	kilaola ditch screen, 8-13-82, [2 copies]	frame for Kikoaoala ditch screen, 8-26-82	triangulation main ditch survey may 1949	fd 10-A to Fd 11 syphon, march 23, 1976	sprinkler layout fd 409-56, 19 acs, may 1965, kekaha waimea drain pump[s, nov 54	untitled [ditch]	untitled [ditch]	proposed waistae branch of the kekaha ditch, 1914 [fragile]	off site channel, waimea sunsets subdivision, T1MK 1-2-06, port 9, improvement plans	sketch item 2, limaloea drain	drawin road near BA L, June 52	pump location, kawaiele drain pumps, P-12, 2-6-50	plan kawaiele alternate installation, 2-8-50	planview kawaiele drain pumps alternate installation 2-7-50	Nohili pump and drain feb 15-1950 dwg no 480, D10	New Hulhulunui Pump & Pipeline 11-12-59, P12				
Well Observation		004.004.002	Nohili Drawin Pump & Untitled [2]	Kokee Existing Ditch System [survey]	Drain at intersection of 18 with 24 [5 pieces with notes]	Well Observation																						
Pipelines		004.005	Aerial Photocopy, Mana Pumps	Mana Pipe line- Navy Pipe Line	Pipe Line to Air Base, Kekaha Sugar Co. July 21, 1955, Drawing No. 334, File D 13	Layout of 30" Pipe from Hulhulunui Shaft to Mill, November 28, 1950, Drawing No. 514, File D-13	Mana Camp, New Navy Line, 3/71	Untitled [Transite Pile & Tel Cable]	Kekaha Sugar Co. Pipe & Fittings, December 21, 1953, Drawing No. 605, File D 10	Pipeline Mill Yard 3-60, Drawing No 628, D 9	Domestic Water Pipeline, May 1950, D 9, 671	Domestic Water Pipeline for Electric Cable, D-9, 672	Pipeline for Kekaha Waipaoa, Range Facilities "Well" B" Kekaha Water System (12/12/80)	Kauai Test Entrance Road Retaining Wall, Plan & Section, D.10	Pump 2 Siphon, 6/13/85	Kekaha Sugar Co. Gasoline Pipeline Profile 4/26/90	Gasoline Pipeline Profile 5/7/90	Millwater Pipeline Replacement, 12/5/94	103 Pipeline Project									
Series V. Mill [005]		005.001																										
Layout		005.001	Layout-Factory & Adjacent Area [October 26, 1961]	Main Office Building Floor, Plan [12-16-80: Tracing of Factory Drawing]	Factory Proper [8/10/72]	Untitled Drawing [factory/photocopy]	Untitled Drawing [factory/photocopy]	Untitled [ote pan position & position for stop]	Profile of Unloading Carrier Plan [Jan 1949, Drawing No. 465, File D10]	Overhead Sprinkler Layout [May 1965]	Untitled [ote pan position & position for stop]	Untitled [ote pan position & position for stop]	Fire Foom Portion of Mill BLDG [Aug 10, 1944, Drawing No. 559, File D 10]	Fire Protection System Showing Watchman's Route and Fire Hydrants [June 25, 1941 Drawing No. 383, File D 10]	Untitled [Raw Materials, Storage Area/Pins Area]	Factory Kekaha Sugar Company [drawing, November 1964, General Appraisal Company]	Map showing Mill Yard Layout [Kekaha Sugar Co. Ltd., November 9, 1943; Drawing No. 433, File D 10]	General Location of Fire Extinguishers [6/22/70; 1 of 2 sheets-- Blueprint]	General Location of Fire Extinguishers [6/22/70; 1 of 2 sheets-- Blueprint]	Factory Kekaha Sugar Company [drawing, November 1964, General Appraisal Company-- Blueprint/Stop drain System 4/30/47]	Mill Yard Map [June 59]	Mill ditch [2]						
Office for Kekaha Sugar Plantation		005.001.002	Office Building for Kekaha Sugar Co. [4 sheets] 2/8/39 [fragile]	Partial foundation plan, clarifying column dimensions of lobby/Office Building for kekaha Sugar Co. 3/15/39	Main Office Counter, working side	Concrete Floor Joints Office BLDG. For Kekaha Sugar Co., LTD., 4/12/39 5/23/39	Drawing #106 Office BLDG For Kekaha Sugar Co., LTD., 4/12/39 5/23/39	Drawing #107, Kekaha Sugar Co. 5/29/39--REV 9/20/89	Cross Section Thru Lobby/Showing russ to Office Bldg. & Joist Framing May 25, 1942	Storage Addition																		
Flume		005.001.003	1 Food Chamberlain Flume Comparing Verticle Gauge Flow to Incline Gauge Flow Measurements	Proposed Flume Gate KS Co.	Combo Flume Strip Type 1 1E19 (3/19/57)	KS Co. Combo Flume Outlet Strip Type 2, 1E 18 (4/8/57)	Combo Flume KS Co. 1E 17 (3/19/57)	Test Flume KS Co. 1E1 (11/Jan/56)																				
Cane Seed Treatment Plant		005.002	Cane Seed Treatment Station, 8/11/76, Project Site	Cane Seed Treatment Station, 8/23/76, Foundation	Cane Seed Treatment Station, 8/23/76, Bent Footings	Combination Sprocket/Spool Assy 9/10/76	Sheave Assy & RC/Hook Fastener 9/2/76	Plan Elevation 9/21/76	Schematic Piping Layout 9/3/76	Structural Layout 8/25/76	Dipping Platform Cover 8/27/76	Pulley Mount Location	Pipe Supports Anchor Guides 9/9/76															
Railroad		005.003																										

