

4.5 PSP Cover Sheet (Attach to the front of each proposal)

Proposal Title: THE DELTA PRIMER
 Applicant Name: JANE WOLFF
 Mailing Address: 395 VALENCIA STREET, SAN FRANCISCO, CA 94103
 Telephone: 415/431-9980
 Fax: 415-431-9980
 Email: JANEWOLFF@IX.NETCOM.COM

Amount of funding requested: \$ 188,500 for 1.5 years

Indicate the Topic for which you are applying (check only one box).

- | | |
|--|---|
| <input type="checkbox"/> Fish Passage/Fish Screens | <input type="checkbox"/> Introduced Species |
| <input type="checkbox"/> Habitat Restoration | <input type="checkbox"/> Fish Management/Hatchery |
| <input type="checkbox"/> Local Watershed Stewardship | <input checked="" type="checkbox"/> Environmental Education |
| <input type="checkbox"/> Water Quality | |

Does the proposal address a specified Focused Action? ___ yes X no

What county or counties is the project located in? ALL DELTA COUNTIES

Indicate the geographic area of your proposal (check only one box):

- | | |
|---|--|
| <input type="checkbox"/> Sacramento River Mainstem | <input type="checkbox"/> East Side Trib: _____ |
| <input type="checkbox"/> Sacramento Trib: _____ | <input type="checkbox"/> Suisun Marsh and Bay |
| <input type="checkbox"/> San Joaquin River Mainstem | <input type="checkbox"/> North Bay/South Bay: _____ |
| <input type="checkbox"/> San Joaquin Trib: _____ | <input checked="" type="checkbox"/> Landscape (entire Bay-Delta watershed) |
| <input type="checkbox"/> Delta: _____ | <input type="checkbox"/> Other: _____ |

Indicate the primary species which the proposal addresses (check all that apply):

- | | |
|--|--|
| <input type="checkbox"/> San Joaquin and East-side Delta tributaries fall-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Winter-run chinook salmon | <input type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Longfin smelt |
| <input checked="" type="checkbox"/> Delta smelt | <input type="checkbox"/> Steelhead trout |
| <input type="checkbox"/> Splittail | <input checked="" type="checkbox"/> Striped bass |
| <input type="checkbox"/> Green sturgeon | <input type="checkbox"/> All chinook species |
| <input checked="" type="checkbox"/> Migratory birds | <input checked="" type="checkbox"/> All anadromous salmonids |
| <input type="checkbox"/> Other: _____ | |

Specify the ERP strategic objective and target (s) that the project addresses. Include page numbers from January 1999 version of ERP Volume I and II:

VOLUME II, PP 2, 3, 4: Project illustrates concepts outlined in "The Ecosystem Approach" Decisions must be based on sound ecological... understanding; complexity and connectedness are fundamental; humans are integral components of all ecosystems."

Indicate the type of applicant (check only one box):

- | | |
|--|---|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input type="checkbox"/> Public/Non-profit joint venture | <input type="checkbox"/> Non-profit |
| <input type="checkbox"/> Local government/district | <input checked="" type="checkbox"/> Private party |
| <input type="checkbox"/> University | <input type="checkbox"/> Other: _____ |

Indicate the type of project (check only one box):

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> Planning | <input type="checkbox"/> Implementation |
| <input type="checkbox"/> Monitoring | <input checked="" type="checkbox"/> Education |
| <input type="checkbox"/> Research | |

By signing below, the applicant declares the following:

- 1.) The truthfulness of all representations in their proposal;
- 2.) The individual signing the form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or organization); and
- 3.) The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section 2.4) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

JANE WOLFF

Printed name of applicant

Jane Wolff

Signature of applicant

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Title Page

Title of Project: The Delta Primer

Primary Contact: Jane Wolff
 393 Valencia Street
 San Francisco, California 94103
 Telephone/Fax: 415/431-9980
 Email: janewolf@ix.netcom.com
 Participant: Jane Wolff
 Sole Proprietorship/Private Organization
 Tax ID Number/SSN: 486-80-2047

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Executive Summary

This application is to support the production of a proof edition of the Delta Primer. The project will be a map puzzle and card game designed to educate citizens around California about the complex landscapes of the Sacramento-San Joaquin River Delta. The Delta Primer is conceived as a tool that ordinary citizens can use to make educated political decisions about the issues that the region presents. The idea behind the project is that maps, pictures and narratives, presented in familiar types of images and everyday language, can provide a shared language for citizens with different interests to consider and debate different possibilities for the Delta's future.

The area described by the project includes the whole Delta, from Sacramento to Tracy and from Antioch to Lodi. The project will also describe forces outside the Delta, like rainfall in the northern Central Valley and water use in Southern California, that affect the landscape.

The project will describe the landscape in terms of four ideas: that it is a garden, a wilderness, a toy, and a machine. These ideas were developed to allow specific and vivid descriptions of the human and natural forces that have shaped the Delta and to transcend the boundaries of the region's political interest groups.

The Delta Primer will educate audiences about the complex ecological and biological systems of the Delta. Narratives of plant and animal life, physical geography, and human ecology will be represented as drawings on the face cards of the deck; the map pieces on the backs of the cards will provide further information about each topic.

Possible venues for the project include schools, libraries, museums, and the Internet. Potential audiences include anyone who plays cards, since the pieces of the map puzzle will make up a standard deck of playing cards.

The Delta Primer will further the CALFED objective of educating the public about the complex, connected, and dynamic character of the Delta's ecosystem and the integral role of humans in that system. Most Californians do not understand the complex ecological issues that the region presents, and they are unaware of the urgent need to resolve these questions. The Delta Primer's goals are to raise public consciousness about the Delta, to define terms and present examples that allow citizens to follow and participate in the debate about its future, and to demonstrate the need for solutions that accommodate multiple interests.

The total amount of funding requested for this project is \$188,500. It would also be possible to fund specific phases of the project separately.

This work will be carried out by Jane Wolff, a landscape architect and teacher who undertook the project as an independent research exercise in 1996. The initial phases of work are already complete; funding is being sought to finish the project.

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Project Description

The goal of the Delta Primer is to educate broad and varied audiences about the complex and contested landscape of the Sacramento-San Joaquin River Delta. Despite its critical importance to California's economy and ecology, the Delta is almost unknown in much of the state. Its future depends on broad-based support for difficult compromises among the varied interest groups with a stake in the region: environmentalists, suburban developers, local farmers, and urban and agricultural water users in other parts of the state.

The Delta Primer is conceived as a tool that ordinary citizens can use to make educated political decisions about the issues that the region presents. The idea behind the project is that maps, pictures and narratives, presented in familiar types of images and everyday language, can provide a shared language for citizens with different interests to consider and debate different possibilities for the Delta's future. The project will be an inventory of the artifacts and practices that make the Delta remarkable. It is intended not to prevent change but to suggest that change could and should be informed by an understanding of the richness and complexity of what already exists.

The project will be a map puzzle that represents stories about the Delta. The puzzle will consist of 52 pieces, like a standard deck of playing cards, plus 8 additional cards. Each card will depict a real story, based on extensive research on the landscape's physical characteristics, information collected from long-time residents of the Delta and members of various interest groups, and historical and contemporary politics, geography, and culture. The cards will be grouped in four suits, like a regular deck of cards. Each suit will represent a different way of understanding the Delta: that it is an endlessly bountiful garden, a Romantic wilderness, a machine subject to human control, and a toy that exists for pleasure and amusement.

Because the purpose is to reach as broad an audience as possible, the project will use widely understood ways of describing the landscape and establishing values. The card faces will be figural drawings that use representational conventions, techniques, and traditions of cartography, film, architecture, scientific illustration, and narrative painting; the card backs will fit together to form an annotated map of the entire Delta.

Methods

The Delta Primer is predicated on the idea that narratives of the landscape, documented visually, can provide a means for shared understanding. The research for the project, conducted in 1997 and 1998, was to collect information from a wide range of sources: historical and contemporary politics, culture, and geography; interviews with farmers, engineers, boaters,

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Project Description

historians, dredgers, public officials, water rights lawyers, and environmentalists; and the physical characteristics of the landscape. Four ideas of the Delta emerged from this research: that it is a wilderness, a machine, a toy, and a garden.

Methods for representing the stories that had been collected were developed from widely understood visual conventions such as narrative painting, scientific illustration, film, cartography, and architectural drawing. A strategy for assigning relative values within each category was developed from another common convention: the range of cards within each suit of the standard deck of playing cards.

The Delta Primer will comprise a map of the Delta. It has been divided into sixty pieces, fifty-six of which are playing cards (there are fifty-two face cards and four wild cards). The four additional cards will comprise a drawing of the Delta in relation to the rest of California. The face of each playing card will be a drawing that documents a story -- or dilemma -- that involves the area of the map represented on its reverse side. The deuce card in each suit will be a text card that explains the suit's theme. The ace cards will be based on drawings that vividly illustrate these themes. When fit together, the backs of the cards will comprise an annotated map of the Delta. For examples, please refer to the attached images.

When all of the cards have been prepared, a series of workshops will be conducted with members of the Delta's constituencies to rank the cards. A ranking order for each suit will be developed from this exercise; each constituency's preferences will also be published and distributed with the cards. In addition, an unranked edition will be published for use in schools, where part of the educational use of the project will be to evaluate information and rank the cards.

Audiences

There are a number of possible audiences for this project. I am actively seeking collaborative relationships with public and private schools in the Bay Area and Southern California to use the project in fourth, seventh, and twelfth grade courses in social studies, California history, and economics. I have been invited to exhibit the project at 3A Garage, an architecture gallery in San Francisco, and I have initiated discussions with the California State Library about an exhibition there. I have given lectures on the project at the the California College of Arts and Crafts, the University of Pennsylvania's Department of Landscape Architecture, the J. B. Jackson Symposium at the University of New Mexico, and the Association of Collegiate Schools of Architecture's 1997 conference at the University of Miami. The University of Pennsylvania Press and William Stout Publishing in San Francisco have expressed interest in publishing the project as a book. I am also investigating possibilities for establishing the Delta Primer as an Internet site, where it would be widely available as an educational resource and a forum for discussion by interested professionals

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Project Description

and members of the public.

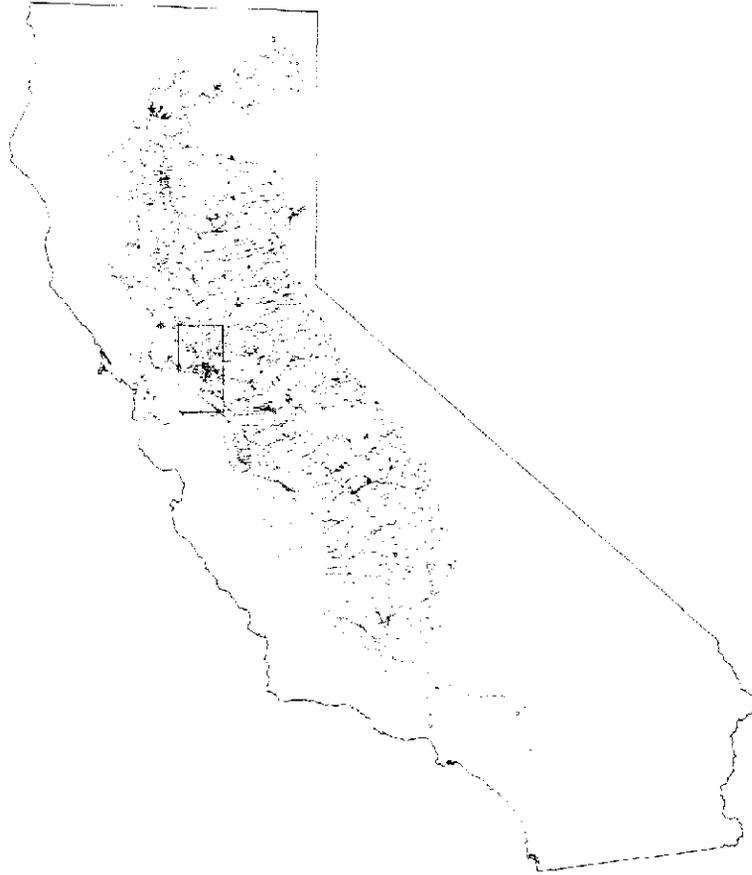
Tasks, Schedule, and Products

This application is for funds to support the production of a proof edition of the Delta Primer. The research phase of the project has been completed. Task One, the work of preparing the map puzzle is underway; there are approximately 400 hours of work remaining. This phase will be completed by December 31, 1999. Task Two, making finished drawings, will require approximately 1500 hours of work, and Task Three, writing text for the card backs will require approximately 500 hours. These tasks will be carried out simultaneously and will be completed by September 30, 2000. Task Four, printing, will require three months. With full funding, the proof edition will be ready for public exhibition, solicitation of potential publishers, and transformation into a Web site by December 31, 2000.

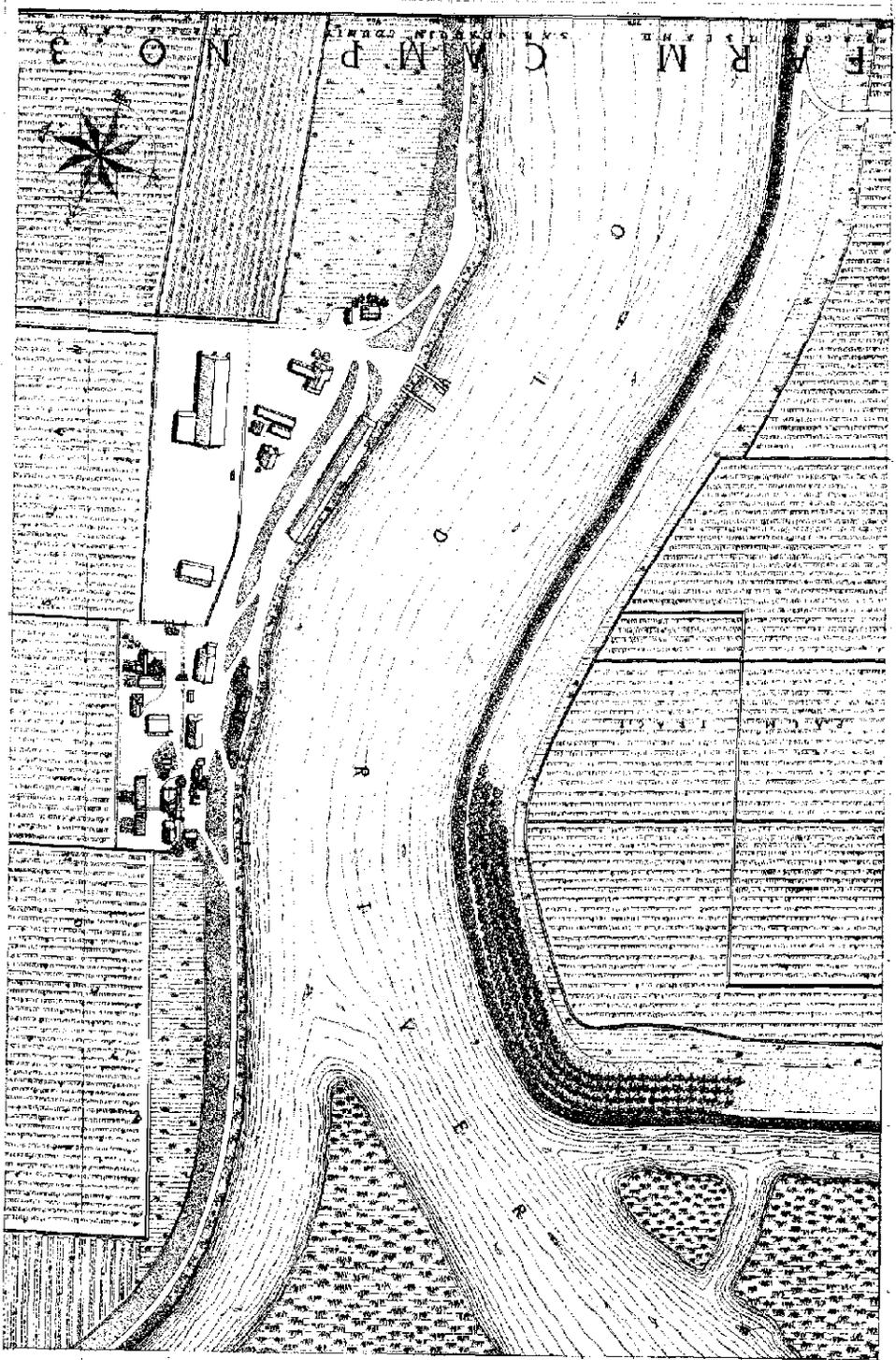
The proof edition will be produced in two formats: a fine-art letter-press edition of 7x10 inch cards for exhibition, and an offset-press edition of 3 -1/2 x 5 inch cards on heavy-duty playing-card stock for use in card games by students and members of the public.

Geographic Boundaries of the Project

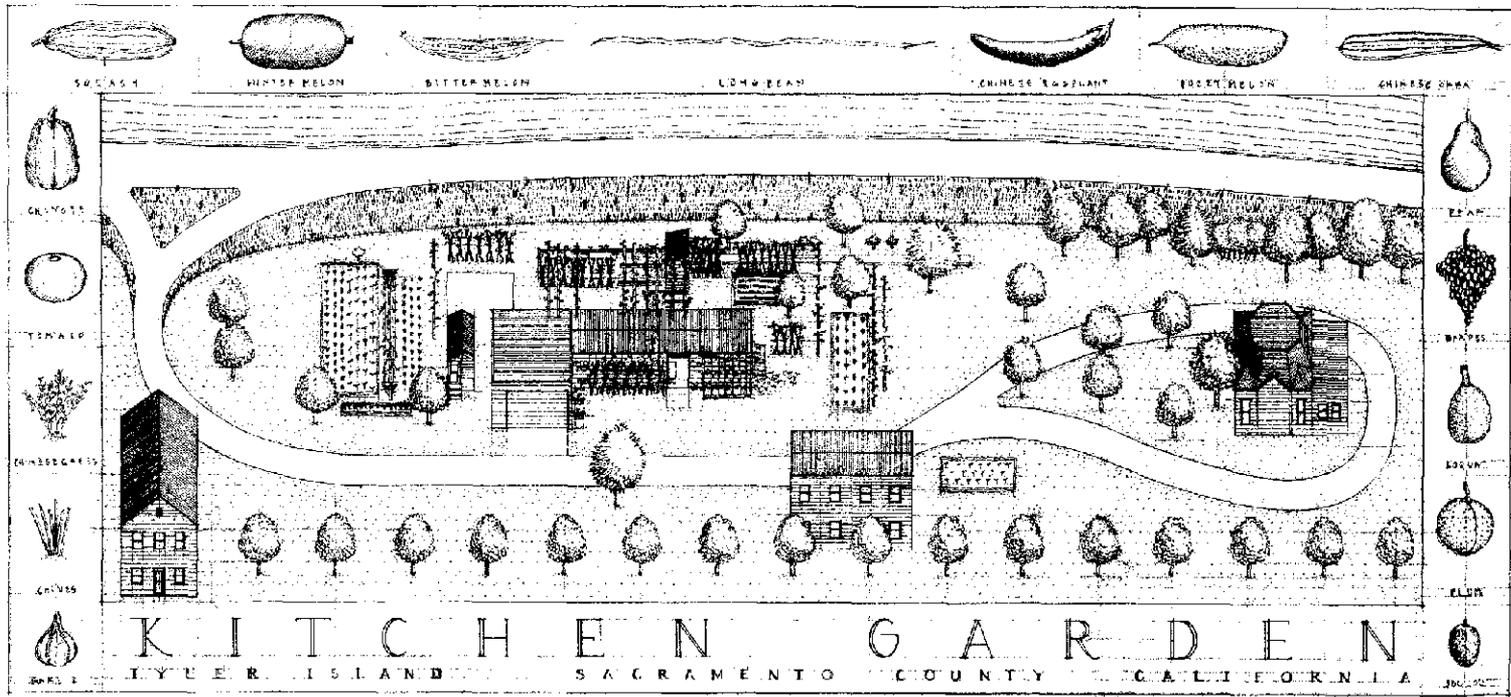
This project will describe the physical and cultural geography of the Delta and the forces that affect the area from outside. It is designed for distribution to audiences all over California. What happens in the Delta will affect citizens throughout the State, and they must be educated in order to engage in the public debate about its future.



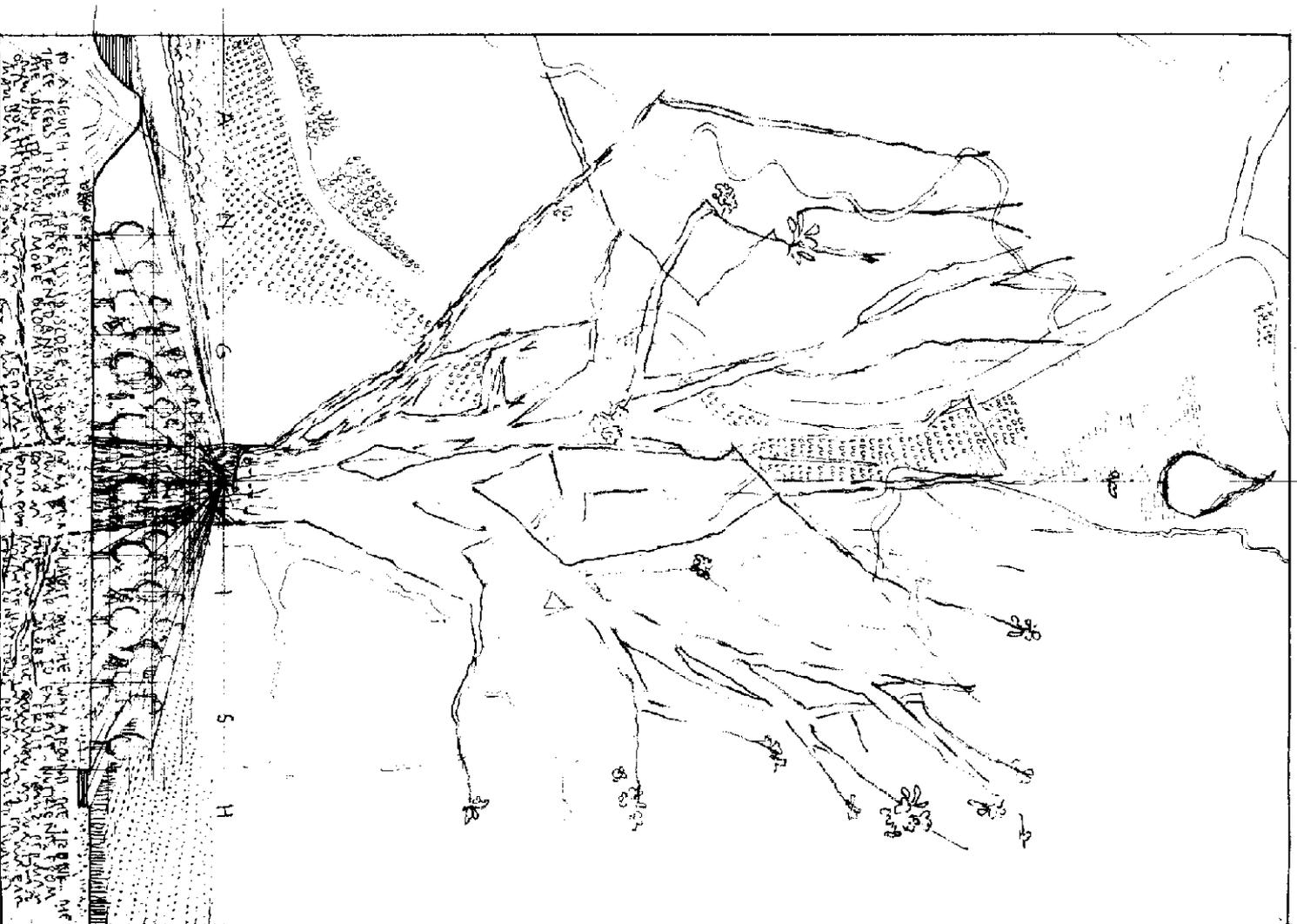
THE DRAINAGE BASIN OF THE DELTA



1-021093



1-021093



I-021094

I-021094

PEARS ARE THE MAIN TREE CROP IN THE DELTA

THERE ARE ABOUT 6000 ACRES OF ORCHARDS IN PRODUCTION

PEAR CULTURE HAS A LONG AND RICH HISTORY IN THE DELTA. PEAR FARMERS THERE ARE KNOWN FOR THEIR CLOSE COMMUNITY AND THEIR PROGRESSIVE GROWING PRACTICES.

PEARS ARE GROWN ALONG THE SACRAMENTO RIVER AND ITS BRANCHES BETWEEN RIO VISTA AND SACRAMENTO. THE ORCHARDS ARE SITED JUST INSIDE THE LEVEES ON THE ALLUVIAL SOIL OF THE OLD RIVER BANKS. THE GROUND THERE IS RELATIVELY HIGH AND THE SOILS ARE STABLE AND RICH IN MINERAL CONTENT. PEARS CANNOT BE CULTIVATED IN THE ISLANDS OR IN THE HEAT SOILS OF THE CENTRAL AND SOUTH DELTA BECAUSE THE GROUND IS TOO WET.

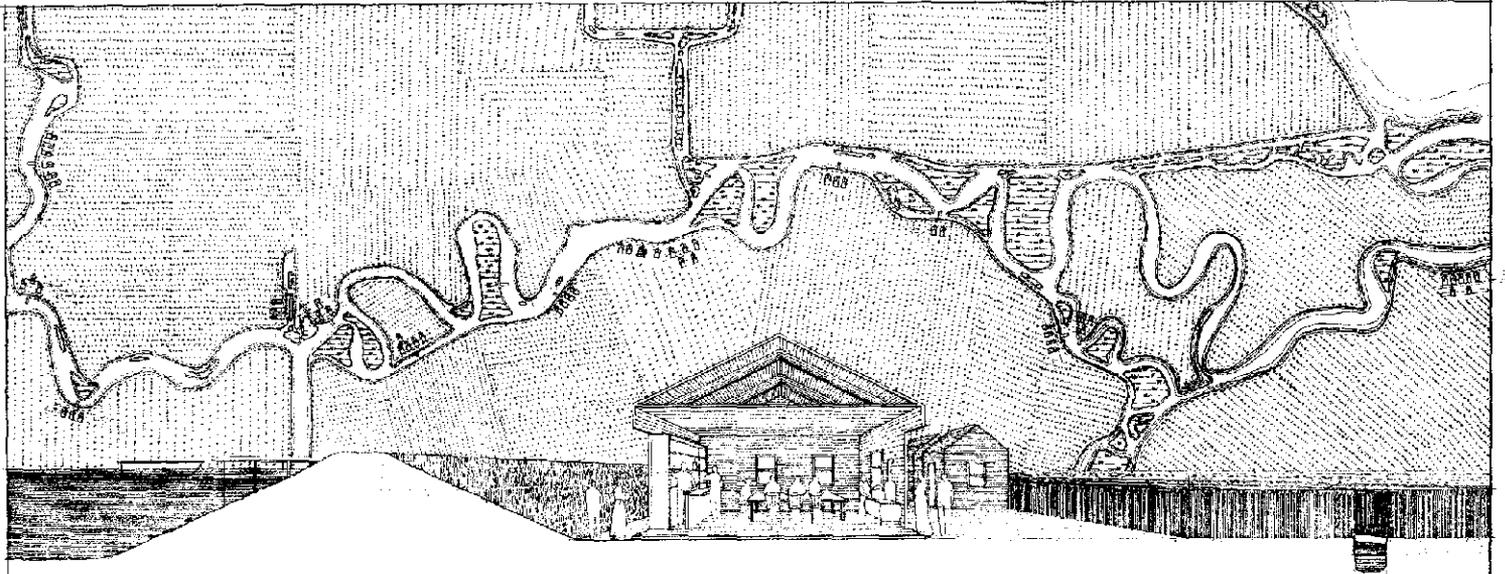
PEAR TREES GROWN IN THE DELTA INCLUDE BARTLETT, BOSQ COMICE, FRENCH BUTTER AND SECKER. APPROXIMATELY 120,000 TONS OF PEARS ARE PRODUCED ANNUALLY.

THE PEAN YEAR BEGINS IN MARCH WHEN THE TREES BLOSSOM. SOME FARMERS RENT SWARMS OF BEES TO MAKE SURE THAT ALL THE FLOWERS ARE POLLINATED. DURING THE GROWING SEASON THE ORCHARDS MUST BE RIGOROUSLY AND SKEAYED FOR DISEASE AND PESTS. THE HARVEST USUALLY LASTS FROM JULY THROUGH AUGUST. SEVENTY TO SEVENTY-FIVE PERCENT OF THE HARVEST IS CANNED OR PROCESSED. THE REST IS SHIPPED FRESH TO MARKET UNTIL RECENTLY EACH FARM HAD ITS OWN PACKING HOUSE AND ITS OWN LABEL. BUT TODAY MOST PEARS ARE TAKEN TO COMMERCIAL PACKERS. THE LAST TASK OF THE GROWING YEAR IS TO PRUNE THE TREES.

THEY HAVE BEEN CULTIVATED THERE SINCE THE 1850'S

DELTA PEARS ARE SHIPPED AROUND THE COUNTRY

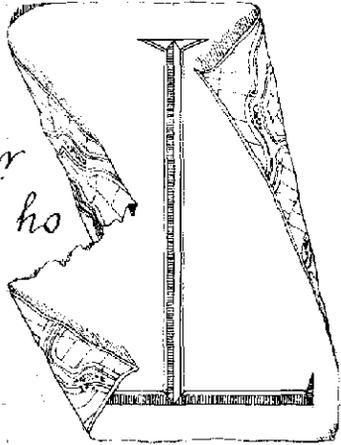
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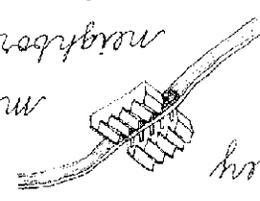
COMING TO THE CANTINA FROM THE FIELDS AND THE RIVER

1-021096

oy is the act of artifacts
 in the landscape that
 are meant to be played
 with: they are contrasted
 for pleasure and amusement and
 not for practical ends.

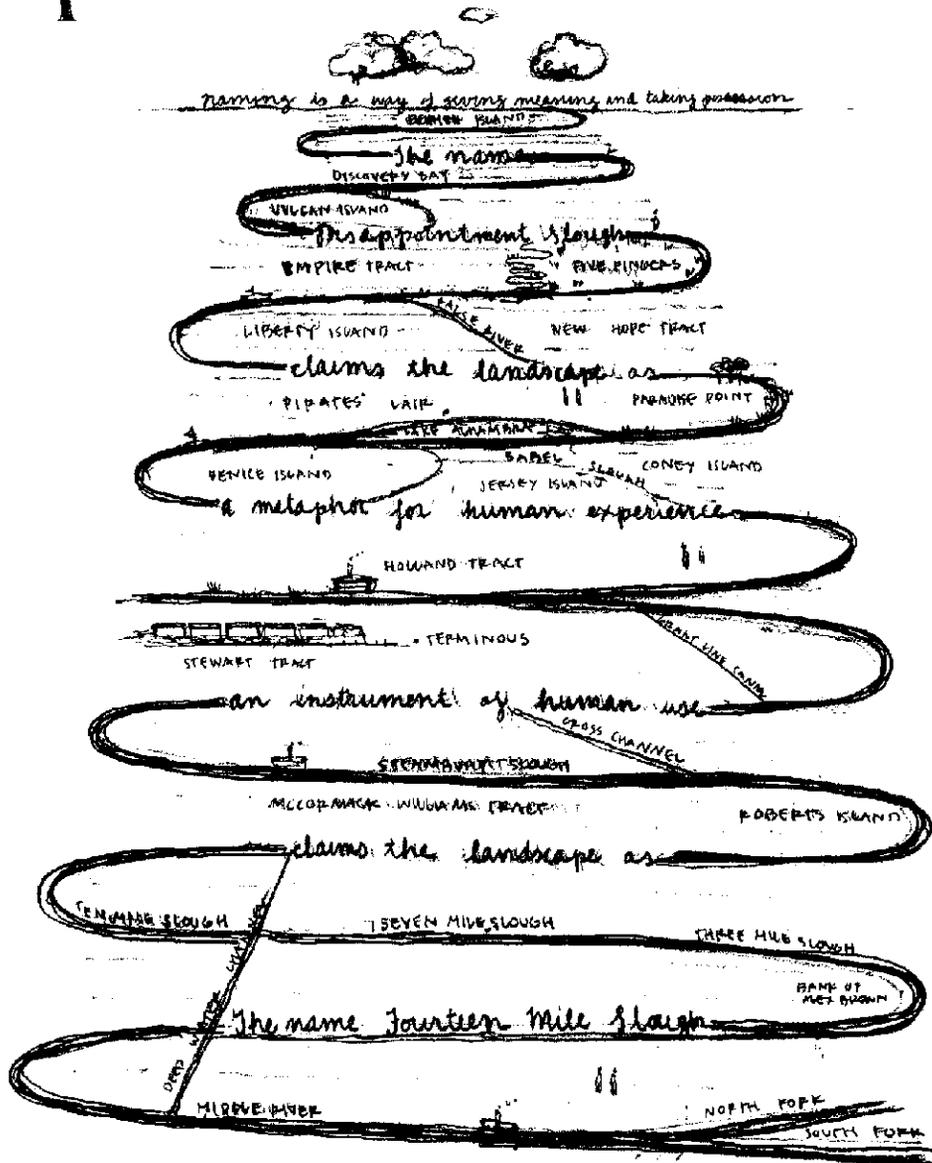


Sometimes these artifacts
 are objects, like the Boye boat or the
 beautiful horse paddock at the end
 of Grant Time Canal,
 and ideas, like the
 in the names Paradise Point,
 Holland Tract, and the
 Sometimes they are objects
 shaped by metaphor, like
 a station neighborhood known for
 its canals as the Venice of the Valley.

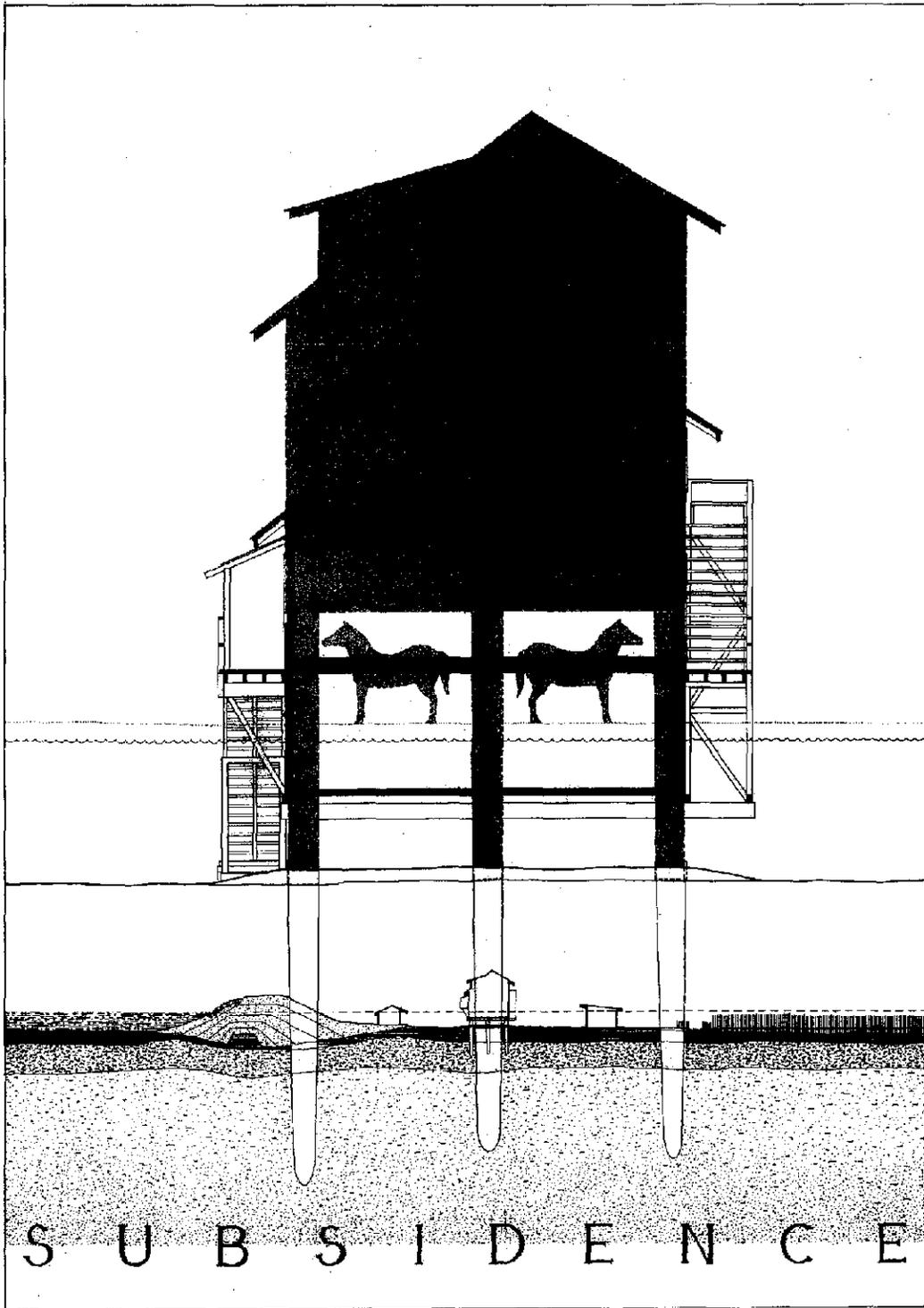


Like the metaphors
 in the names Paradise Point,
 Holland Tract, and the
 Sometimes they are objects
 shaped by metaphor, like
 a station neighborhood known for
 its canals as the Venice of the Valley.

T



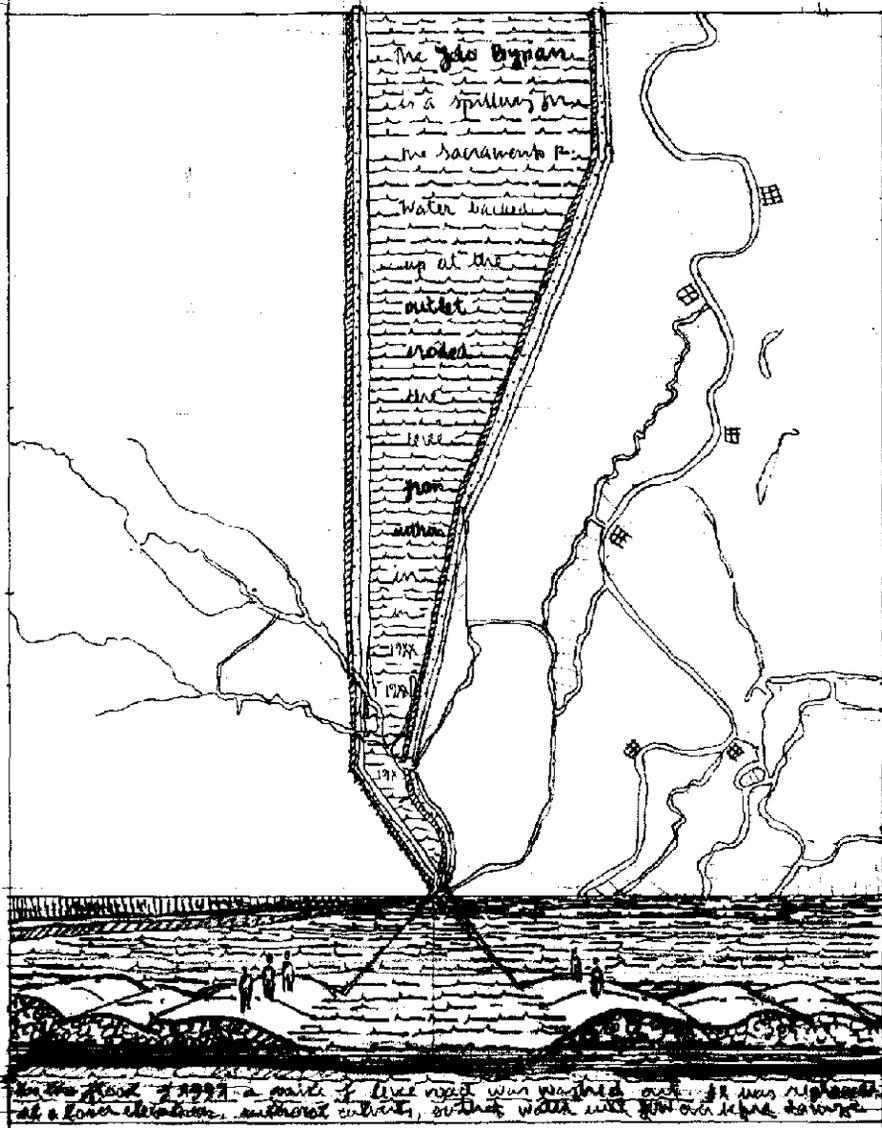
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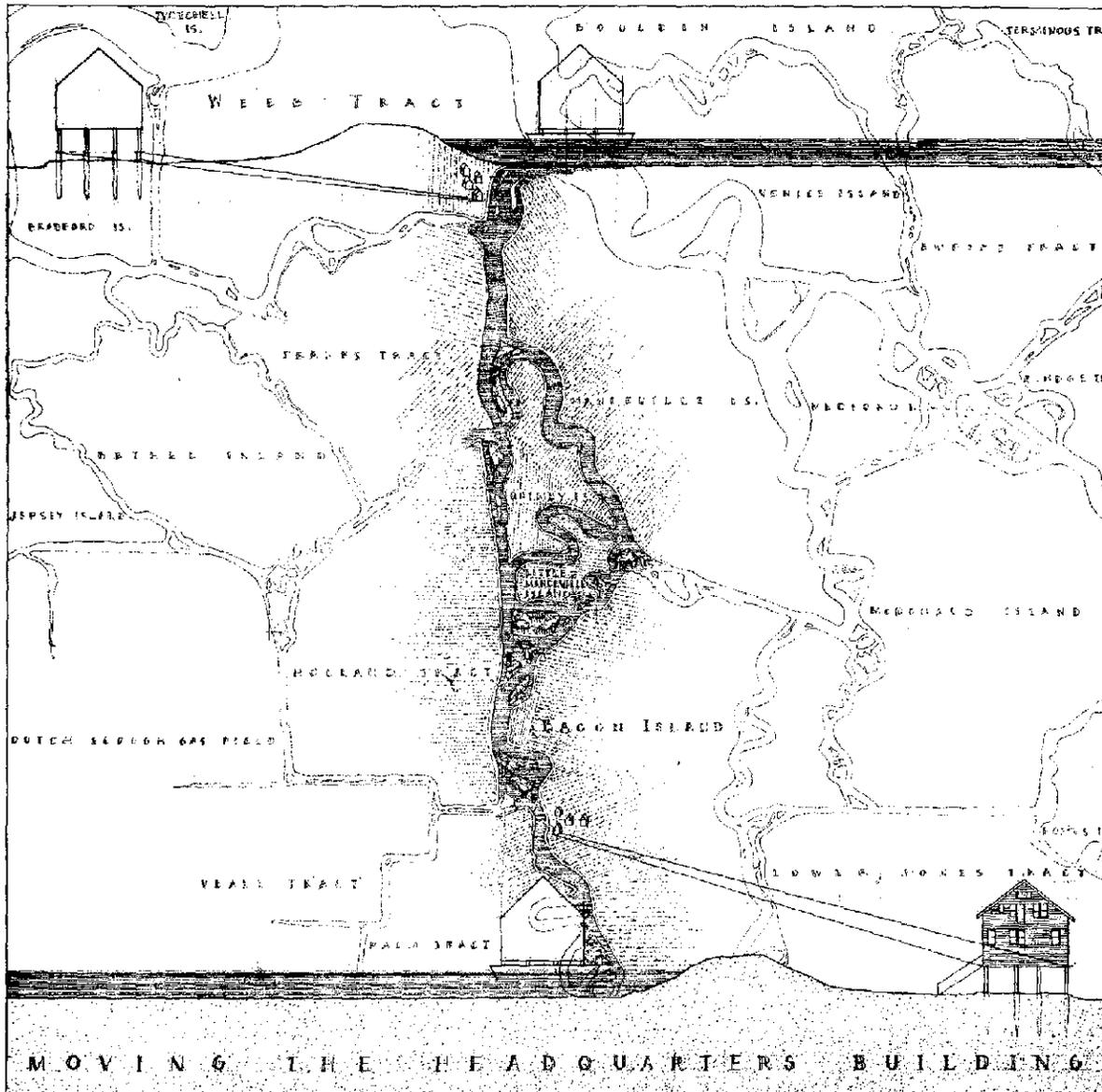
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Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Attachment: Project Images

Images from the Delta Primer

1. The Drainage Basin of the Delta
2. Farm Camp 3, Bacon Island
Farm camps in the Delta were typically sited just inside the levees, between the fields and the river, which served as the major transportation infrastructure in the region until after the Second World War.
3. Cartoon of the map puzzle
- 4.. Ace card, Garden suit
The drawing describes a kitchen garden built in the ruins of a farm camp at Tyler Island by farmers of Chinese descent.
- 5.. Sketch for numbered card, Garden suit
The card is located in the pear orchards of Randall Island. The drawing describe an agricultural process called anguishing: the farmer scores a tree's bark to make it produce more flowers and fruit.
- 6.. Card back for previous card
The text describes pear culture in the Delta.
7. Ace card, Toy suit
The drawing describes a small cantina at Bacon Island that served as a gathering place for people from up and down the river.
8. Text card, Toy suit
Each suit's deuce is a text card that explains its mythic themes.
9. Sketch for numbered card, Toy suit
The card is located at the intersection of Disappointment Slough and Fourteen Mile Slough. It deals with the metaphorical and utilitarian content of place names.
10. Ace card, Wilderness suit
The drawing describes the process of soil subsidence and its implications for buildings.
11. Sketch for numbered card, Wilderness suit
The card is located at the bottom of the Yolo Bypass. It describes how flood water has repeatedly washed out levees when culverts could not drain the spillway quickly enough.
12. Ace card, Machine suit
The drawing describes the conception of the river as a piece of infrastructure for moving goods from one place to another.
13. Sketch for numbered card, Machine suit
The card is located at the State Water Project pumps. It describes the elaborate mechanisms for the protection of endangered fish that are required as a condition of water transport to the south.

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Ecological/Biological Benefits

Ecological and Biological Objectives

The Delta Primer will educate audiences about the complex ecological and biological systems of the Delta. Narratives of plant and animal life, physical geography, and human ecology will be represented as drawings on the face cards of the deck; the map pieces on the backs of the cards will provide further information about each topic.

Represented topics concerning plant and animal life will include the struggle for habitat between indigenous and exotic species pairs such as tule and water hyacinth; migration patterns of anadromous fish such as Delta smelt and winter-run salmon; bird migration along the Pacific Flyway; purposeful habitat restoration projects such as the Cosumnes River Preserve; accidental habitat development such as the borrow pits along Highway 5; and the California Environmental Quality Act.

Represented topics concerning physical geography will include soil subsidence; wind and water erosion; the migration of the salt water line; river morphology; channel sedimentation; climate and precipitation; and water flow volumes in the northern Central Valley.

Represented topics concerning human ecology will include agricultural practices; the Delta's ethnic history; technological innovations like the Dutra clamshell dredger and the Marbeet beet harvester; suburban development; water transfers; and water use.

Relationship to CALFED Goals

The Delta Primer will further the CALFED objective of educating the public about the complex, connected, and dynamic character of the Delta's ecosystem and the integral role of humans in that system. Most Californians do not understand the complex ecological issues that the region presents, and they are unaware of the urgent need to resolve these questions. The Delta Primer's goals are to raise public consciousness about the Delta, to define terms and present examples that allow citizens to follow and participate in the debate about its future, and to demonstrate the need for solutions that accommodate multiple interests.

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Technical Feasibility and Timing

Possible Alternative Methods

The Delta Primer is designed specifically to engage wide and varied audiences in a discussion of the Delta's future. Planners, architects, and landscape architects have developed particular ways of analyzing and describing landscapes for planning purposes. The documents they produce are abstract, technical, and difficult to understand. In contrast, the Delta Primer proposes that public discussion is most likely to arise from a vivid description of the landscape and that that description will be most legible, most compelling, and most suitable for education if it uses visual and narrative language familiar to the public.

Permits and External Constraints

No environmental compliance documents are required for this project, and the project is not subject to other external constraints with respect to timing.

Resolution of Outstanding Issues

At present I am working to resolve the outstanding issue of developing collaborative relationships with schools. I have determined areas in the California state curriculum where the project could be useful. My goal is to work with teachers and students at different grade levels to make the project suitable to their needs; my plan at present is to use different annotations on the card back for different levels. To this end, I am pursuing contacts with public and private school administrators and teachers in the Bay Area and Sacramento. I also plan to contact school representatives in the Delta.

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Monitoring and Data Collection Methodology

This phase of the project has been completed.

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Local Involvement

Several local public and private groups have expressed support for the project. Margit Aramburu of the Delta Protection Commission has offered advice about research topics and venues for the project. Steve Barbata of the Delta Science Center has expressed interest in exhibiting the project. The project was exhibited at the March 1999 meeting of the San Francisco Estuary Institute, and it will be shown at the Contra Costa County Earth Day Celebration in April.

Because the project does not have physical impacts, I have not notified the county governments in the Delta of my work.

I plan to pursue collaborative relationships with teachers and administrators from Delta-area public schools as part of my work with educators to refine the projects for their needs. In addition, I will pursue opportunities to exhibit the project in Delta county libraries.

Establishing the project as an Internet site will make it available to the community at large.

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Costs

Please see attached tables for budget breakdowns by task.

Tasks One through Four are identified in the Project Description.

Project Management tasks will be limited to CALFED reporting and bookkeeping.

Schedule:

The schedule for completion of Task One, complete project sketch, is December 31, 1999.

The schedule for completion of Tasks Two and Three, preparation of final drawings and text, is October 31, 1999.

The schedule for completion of Task Four, printing, is December 31, 1999.

The proposal can be funded by separate tasks, with a 25% payment at the start of each task and time and materials billing on a quarterly basis thereafter.

Jane Wolff
 CALFED Environmental Education Grant Proposal
 April 16, 1999
 Cost

TOTAL BUDGET

	A	B	C	D	E	F	G	H
1								
2	Task	Direct	Direct	Service	Material	Miscellaneous	Overhead	Total
3		Labor	Salary/	Contracts	and	and Other	and	Cost
4		Hours	Benefits		Aquisition	Direct Costs	Indirect	
5					Costs		Costs	
6	1	400	\$26000.00	\$0.00	\$1000.00	\$500.00	\$1000.00	\$28000.00
7	2	1500	\$75000.00	\$0.00	\$2000.00	\$1000.00	\$7000.00	\$85000.00
8	3	500	\$28000.00	\$0.00			\$2000.00	\$30000.00
9	4	100	\$6500.00	\$30000.00			\$1000.00	\$37500.00
10	P.M.	125	\$8000.00					\$8000.00
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Jane Wolff
 CALFED Environmental Education Grant Proposal
 April 16, 1999
 Cost

QUARTERLY BUDGET

	A	B	C	D	E	F	G
1	Task	Oct.-	Jan. -	Apr. -	Jul. -	Oct. -	Total
2		Dec.	Mar.	Jun.	Sept.	Dec.	Budget
3		1999	2000	2000	2000	2000	
4							
5	1	\$28000.00					\$28000.00
6	2		\$28500.00	\$28500.00	\$28500.00		\$85000.00
7	3			\$15000.00	\$15000.00		\$30000.00
8	4					\$37500.00	\$37500.00
9	P.M.	\$1600.00	\$1600.00	\$1600.00	\$1600.00	\$1600.00	\$8000.00

1-021110

1-021110

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Cost Sharing

This document identifies other funding sources and contributions to date.

Great Valley Center - Funding Committed

Grant to cover printing costs \$4000.00

California College of Arts and Crafts - Funding Contributed to Date

Teaching Development Grant \$1500.00

Funding for Research Assistants \$2400.00

Travel/Lecture Expenses \$2500.00

Council for the International Exchange of Scholars - Funding Contributed to Date

Fulbright Scholarship to Jane Wolff \$9000.00

Jane Wolff (project principal) - Funding Contributed to Date

Time \$100,000.00

Materials and Overhead \$8000.00

John Bass (former collaborator) - Funding Contributed to Date

Time \$50,000.00

Materials \$2000.00

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Applicant Qualifications

Organization of Staff

I have had and will continue to have primary responsibility for the execution of all work related to this project with the exception of the printing work, which will be done by professional printers. In Phase One I will be fully responsible for designing and sketching the playing card pieces and for establishing firm contacts with school representatives. In Phase Two I will hire an assistant to help me in the execution of the final drawings and to scan the drawings into the computer files that will be used to make negatives for printing. In Phase Three I will be responsible for the writing of the card back text. I will hire an assistant to add text to the digital map files that already exist as the basis of the card backs. In Phase Four I will hire printers to produce the proof edition. I will be responsible for overseeing their work.

The initial phases of this project were done in collaboration with John Bass. More recently he has been involved as a consultant.

Biographical Information

I am a landscape architect. I received my undergraduate and graduate degrees with high honors from Harvard University in Cambridge, Massachusetts. My experience in practice includes independent work and work for Hargreaves Associates, Cottong and Taniguchi, and The Office of Cheryl Barton.

Since 1996 I have taught in the Department of Architecture at the California College of Arts and Crafts in San Francisco, California. From 1996 to 1998 I taught in the Summer Program in Urban Planning at the Harvard Graduate School of Design in Cambridge, Massachusetts.

I received a faculty-level Fulbright Scholarship in 1998 to conduct research on ways in which land use practices in subsided delta areas of the Netherlands might serve as models for the Sacramento-San Joaquin Delta. In 1993, I received the Charles Eliot Traveling Fellowship from the Harvard Graduate School of Design to conduct research on the history, methods, consequences, and cultural implications of land reclamation in the Netherlands. In 1985 I received a Fulbright Scholarship to photograph the architecture of the national railway system of Finland. This work was exhibited at the University of Missouri-Saint Louis and at Oasis Studio in Boston in 1987.

I have given lectures on the Delta Primer at the University of Pennsylvania's Department of Landscape Architecture, at the Association of Collegiate Schools of Architecture meeting at the University of Miami, at the symposium *J. B. Jackson and American Landscape* at the University of New Mexico-Albuquerque, and at the California College of Arts and Crafts, and I have spoken about my research in the Netherlands at the Harvard Graduate School of Design.

Jane Wolff
CALFED *Environmental Education Grant Proposal*
April 16, 1999
Compliance

This is to certify compliance by Jane Wolff and the Delta Primer with California and Federal non-discrimination policies and small business preference policies.

Jane Wolff is the sole proprietor of the Delta Primer. She is in the process of seeking registration with the State of California as a woman-owned business.

Publishers

130 Greenwich Street
San Francisco, CA 94133
415 397 0930
415 397 0920

April 11, 1999

CALFED Bay-Delta Program
1416 Ninth Street Suite 1155
Sacramento, California 95814

To whom it may concern.

Re: THE DELTA PRIMER

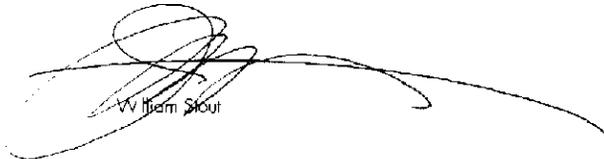
I am writing this letter to recommend you give John Bass and Jane Wolf the grant they are requesting for the development of the project THE DELTA PRIMER. I have followed this project for the last three years and am very pleased with the progress they have made. It represents a major step in studying the historic development of this unique region and could have a major effect in its future. The impact of the over population and the spreading growth of the Bay Region has put much pressure on these precious regions. Without knowledge and a clear direction for the Delta it could become part of the larger suburbanization of Northern California. The approach taken in using this information to inform and set up a dialogue with as many interested parties as possible is a wonderful beginning for the saving of this historic place.

I have known John and Jane for many years and have much respect for their intellectual and scholarly approach to Architecture, Landscape Architecture, Historical Mapping and Urban Planning. Their backgrounds and enthusiasm for this project are perfect and I look forward to seeing the final results. Jane's living and studying of land and water conservation in Holland will be extremely helpful.

As a bookseller and publisher I think a publication of this project would be very successful. I have just published a small monograph by William Morrish, CIVILIZING TERRAINS, which is very similar in size and content and is very successful. I would be very interested in seeing the final document and may offer to publish the results in a monograph format.

Again I am very happy to offer my support to this project and would hope you see fit to give John and Jane the grant.

Sincerely,



William Morrish

Delta Protection Commission
14215 River Road
P.O. Box 530
Walnut Grove, CA 95690

April 15, 1999

CALFED Bay-Delta Program
1416 Ninth Street, Suite 1155
Sacramento, CA 95814

Subject: Grant Application for the Delta Primer

I am writing in support of the grant application of Jane Wolff for preparation of the Delta Primer, a map and visual dictionary of the landscapes of the Sacramento-San Joaquin River Delta. The Delta Protection Commission has not had the opportunity to review the grant application, so these are staff comments only.

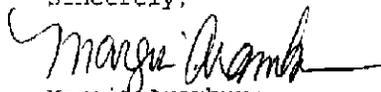
The Delta is a unique physical environment, the only inverted delta, and one of only a few large deltas in the world such as the Mississippi River Delta and the Nile Delta. The Delta is truly a human-created landscape. The expansive agricultural lands were carved out of the historic tidal marshes, first by human labor alone, then with steam powered equipment, and now maintain with the current diesel powered equipment. The region's social geography is also rich and diverse, populated by a series of California's immigrants starting with Dutch and Portuguese, then by Chinese and Japanese, and later by Hindus, Filipinos, and Latinos.

What is really surprising about the Delta is that few know or understand the Delta: its history, its people and traditions, the unique landscapes, its diversity. It will be very exciting to have available a new "language" about the Delta in the form of the Delta Primer. The Primer will be an exciting tool for studying the landscape: a tool with a neutral position, but valuable in educating all elements of the State in the uniqueness and richness of the Delta area.

Jane Wolff, the project principal, has spent many hours and days in the Delta becoming engrossed with the Delta--its landscape, its people, and its value to the State of California. I believe Ms Wolff will thoughtfully, diligently, and creatively carry out the tasks in the grant proposal.

I urge your careful consideration of the Delta Primer grant application.

Sincerely,

A handwritten signature in cursive script, appearing to read "Margit Aramburu", with a horizontal line extending to the right.

Margit Aramburu
Executive Director

CALIFORNIA STATE LIBRARY

LIBRARY—COURTS BUILDING • P. O. BOX 942837 • SACRAMENTO, CA 94237-0001



April 16, 1999

CALFED Bay-Delta Program
1416 Ninth Street, Suite 1155
Sacramento, CA 95814

Members of the Committee,

I am writing in support of Jane Wolff's application for a grant to continue work on the Delta Primer.

As I understand it, The Delta Primer will be a unique document of a landscape of critical importance to California's history and future. I have introduced Miss Wolff to our director of special collections, and I have suggested that she propose exhibitions of their work to local and county libraries throughout the state.

The Sacramento and San Joaquin River Delta is an important historic landscape because of its special geography and because of its cultural past. The evolution of this landscape has not been extensively documented for a lay audience. I find the Delta Primer unusual and interesting because its goal is to make the complex circumstances of the Delta legible to the broad and varied public that depends on it.

I am impressed by the work Miss Wolff has done so far on several accounts: careful research, a nonpartisan attitude, beautiful drawings, and the ambitious and worthy goal of explaining a complex historic landscape with significant implications for the state's future to a wide audience. I urge you to support the project.

Thank you for your time and attention.

Yours sincerely,

A handwritten signature in black ink that reads 'Kevin Starr'. The signature is written in a cursive, slightly slanted style.

Dr. Kevin Starr
State Librarian of California

KOS:kr

Jane Wolff
CALFED Environmental Education Grant Proposal
April 16, 1999
Attachment: Contra Costa Times Article

This article about the Delta Primer was published in the March 21, 1999 edition of the Contra Costa Times.



JANE WOLFF, left, works on the Delta Primer, a project in the form of a deck of playing cards designed to give people a guide to the region's politics, environmental issues and problems. Part of it involves maps of the region, as well as facts about it.

Primer explores Delta's resources

■ Backers hope guide will help people think of new ways to solve old problems

By Matt Weiser
LINE STAFF WRITER

Like a lot of Californians, landscape architect Jane Wolff had never heard of the Delta.

She had just returned from a research trip to the Netherlands, where she studied its history of land reclamation. A colleague, John Bass, suggested she check out the Delta for similarities.

Wolff went to the Delta — and kept going back. She started exploring it several days a month. Bass soon joined her, interviewing residents, visiting small towns and learning about the region's complex environmental issues.

Before long, the two hatched plans for a resource guide to the Delta, a new kind of map packed with political, environmental and cultural information that newcomers otherwise would have problems deciphering.

"The Delta's so interesting, because every force that's shaping the California landscape is present there," said Wolff, an instructor at the California College of Arts and Crafts in San Francisco.

"What struck us is how little the place is known, even in the Bay Area," she said. "And it's a place of such critical importance to the Cal-

ifornia economy and ecology that anything that could be done to mobilize public opinion would be a good thing."

Wolff and Bass call their creation the Delta Primer. Still in draft form, it is actually a deck of playing cards that fit together to form a map of the Delta on one side. A description of one aspect of the region is on the other side of each card.

The cards are divided into four suits, like a real deck of cards, to represent four categories of Delta lore: garden, wilderness, toy and machine. Each place on the map is assigned one of the suits. For example, water-export pumps in Tracy are part of the machine suit, while Randall Island joins the garden suit for its pear orchards.

The idea came after Wolff and Bass saw a picture of some playing cards from 17th century England. Each card in the deck represented one of England's 32 counties, with images unique to each area on the back of each card.

The intent is to introduce newcomers to the different land uses and conflicts in the Delta and to create a set of standard terms and images around which people can discuss the Delta's challenges, Wolff said.

"What seemed really apparent, just from beginning to find out about this whole set of dilemmas, is that the interest groups are so narrowly defined and people are so committed to their interest that there's not a set of common terms for talking

about the landscape," she said.

The Delta Primer project has been in the works for two years now. Wolff and Bass have been helped by two small grants, from the California College of Arts and Crafts and the Great Valley Center in Modesto.

They're still a long way from a finished product, but they hope one day to see the Delta Primer in schools, bookstores and Delta visitors' centers. They also hope to produce an online version.

The drafts are already winning praise.

"Any tools that get people interested and excited about learning and history, I just think that's really fantastic," said Margit Arambura, executive director of the Delta Protection Commission.

"It's hard to get people thinking in new ways about the same old problems. This is a way to get people to think about it for themselves and think about it in a new way."

John Loomis, chairman of architecture at the California College of Arts and Crafts, thinks the Delta Primer will indeed help break down barriers among the Delta interest groups.

"I haven't seen anything like it, and I think that's why it's so completely engaging," he said. "It's a really important project, both for the level of research into the cultural geography of the Delta and for the way it's being rendered. It's both a piece of scholarly work and a work of art."