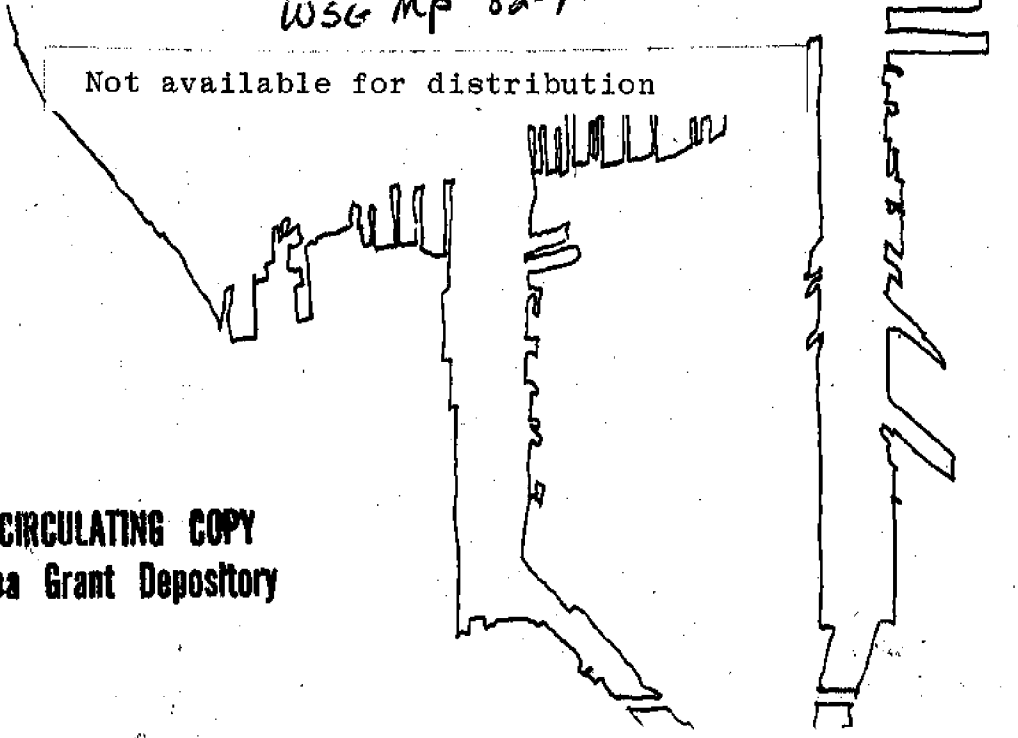


Atlas of the Seattle Central Waterfront

WSG MP 82-1

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ATLAS OF THE SEATTLE CENTRAL WATERFRONT

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A studio project of Urban Planning 507
University of Washington
June 2, 1982

INTRODUCTION AND CREDITS

This waterfront atlas combines in one document information scattered in many official and unofficial sources. It is augmented with field observations. We offer it as a resource to citizens and professionals engaged in the ongoing process of planning for the future of Seattle's central waterfront. Users are encouraged to combine the mapped observations in new ways as they think about the future uses to be allowed on the piers and adjacent land.

The waterfront's past, present and future are reflected here. For example, land-use records back to 1960 were analyzed and mapped. Plans dating back to the early 1900's were examined. Current information is as diverse as population data and measures of water pollutants and fauna. A possible future is mapped, using illustrative sketches from an informal waterfront study group.

As you look at the maps, consider asking yourself some of the following questions:

For whom is the waterfront built?

What uses should be encouraged - residential, commercial, retail, hotels - and in what proportion? What does water-dependent mean to you?

Should there be more public investment? If so, what public should pay for it?

What should we expect from private developers?

Should we encourage more recreational use of water which is significantly polluted?

The mapmakers are members of a graduate urban planning studio which met winter and spring quarters of 1982 at the University of Washington. We wish to state our appreciation to our instructors: Claudio Arenas, who asked the important questions and pointed us to hard-to-find sources; and Robert Goodwin, who gallantly took on the task as Claudio's work required him to leave for Alaska.

We also wish to thank some individuals for their help, direct and indirect: indigènes Sammy and Rex, Dean Myer Wolfe, William Duchek, Caroline Tobin, and the authors of the Rockrise Report, whose work a decade ago is frequently adopted without credit.

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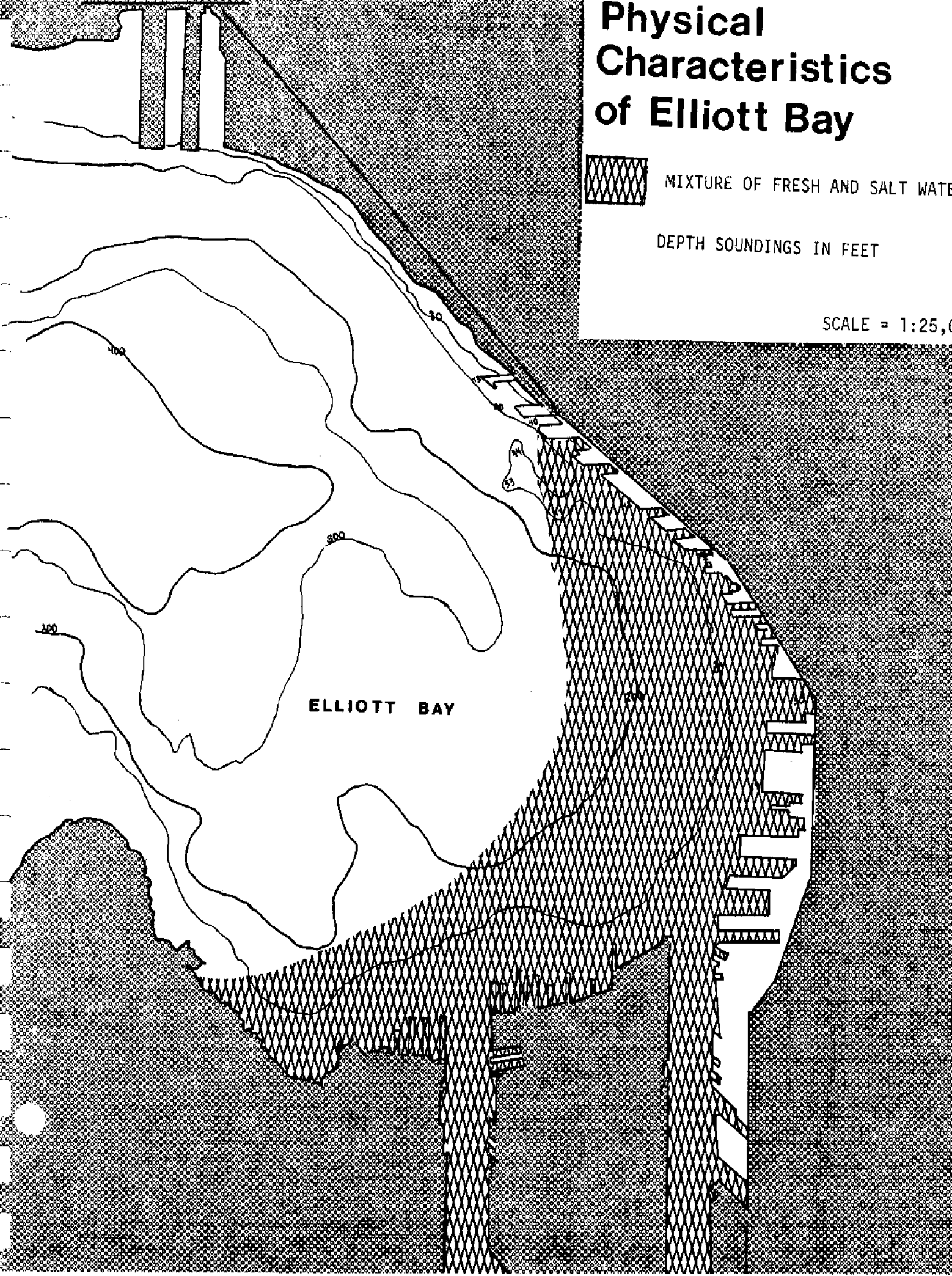
Physical Characteristics of Elliott Bay



MIXTURE OF FRESH AND SALT WATER

DEPTH SOUNDINGS IN FEET

SCALE = 1:25,000



○ COMBINED STORM DRAINS &
SEWER OVERFLOWS

* RUNOFF ■ PETROLEUM, INDUSTRIAL, VEHIC

CONCENTRATIONS IN SEDIMENT SAMPLES

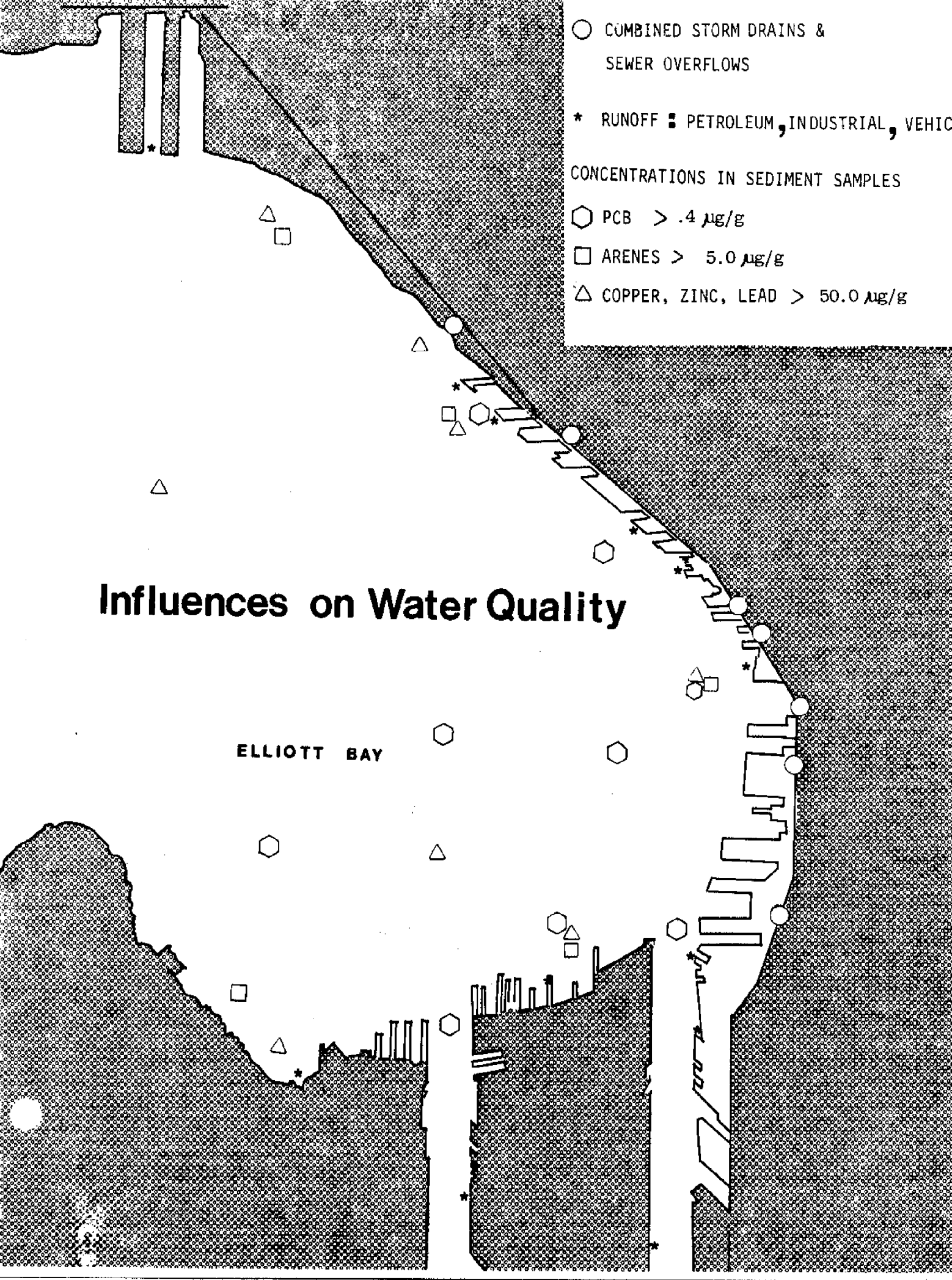
○ PCB > .4 μg/g

□ ARENES > 5.0 μg/g


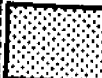

△ COPPER, ZINC, LEAD > 50.0 μg/g

Influences on Water Quality

ELLIOTT BAY



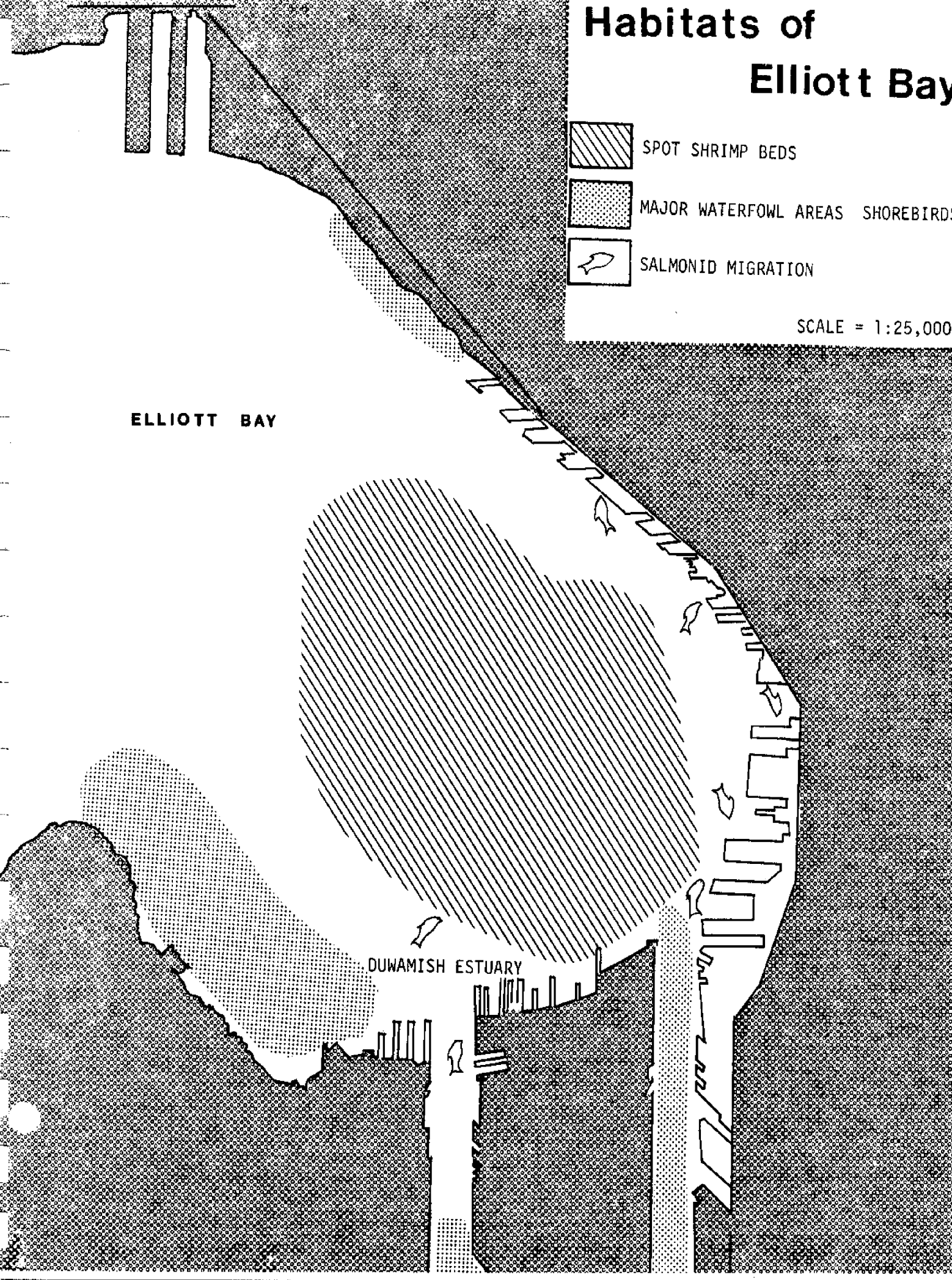
Habitats of Elliott Bay

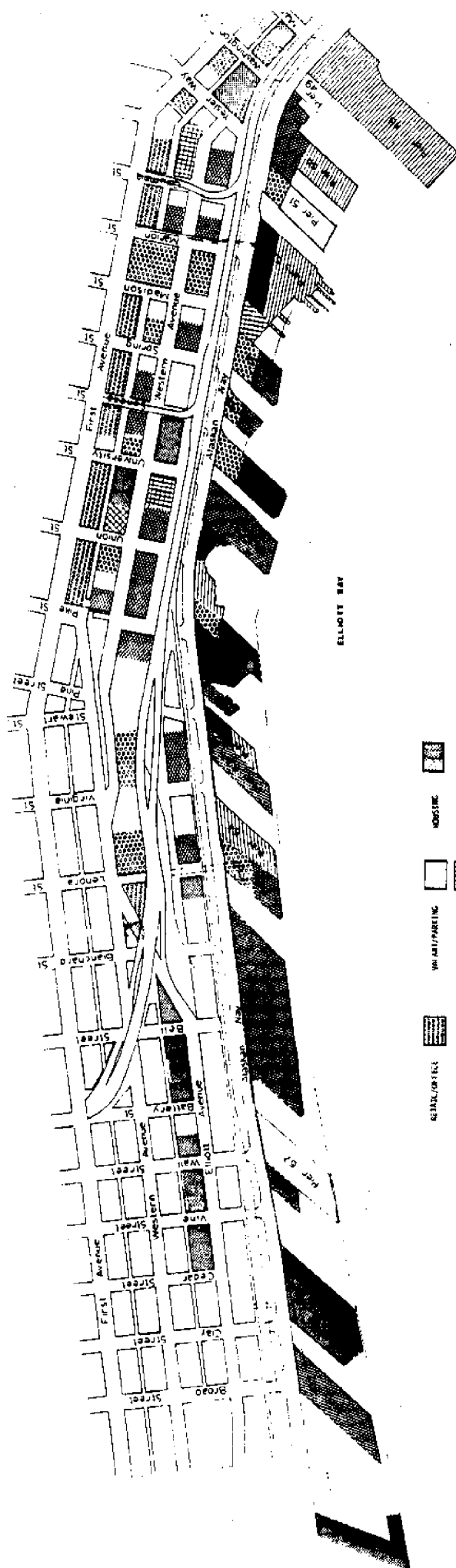
-  SPOT SHRIMP BEDS
-  MAJOR WATERFOWL AREAS SHOREBIRDS
-  SALMONID MIGRATION

SCALE = 1:25,000








ELLIOTT BAY

DUWAMISH ESTUARY

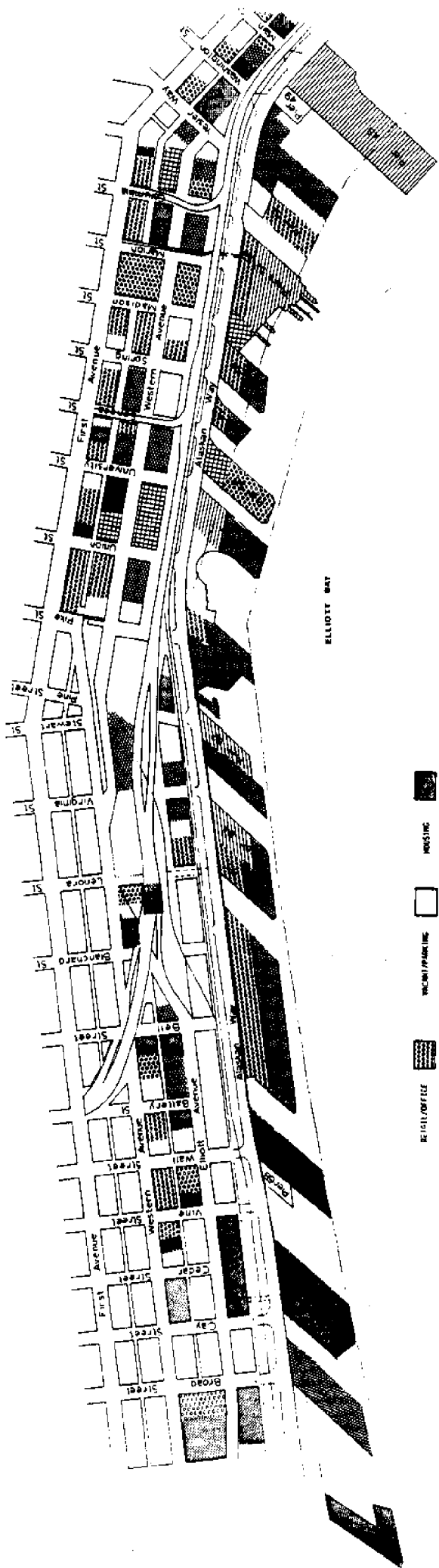




Seattle Central Waterfront Land Use 1960

-  INDUSTRIAL
-  WHARF/PARKING
-  PUBLIC
-  LIGHT INDUSTRIAL
-  RETAIL/RESTAURANT
-  INDUSTRIAL
-  WHARF

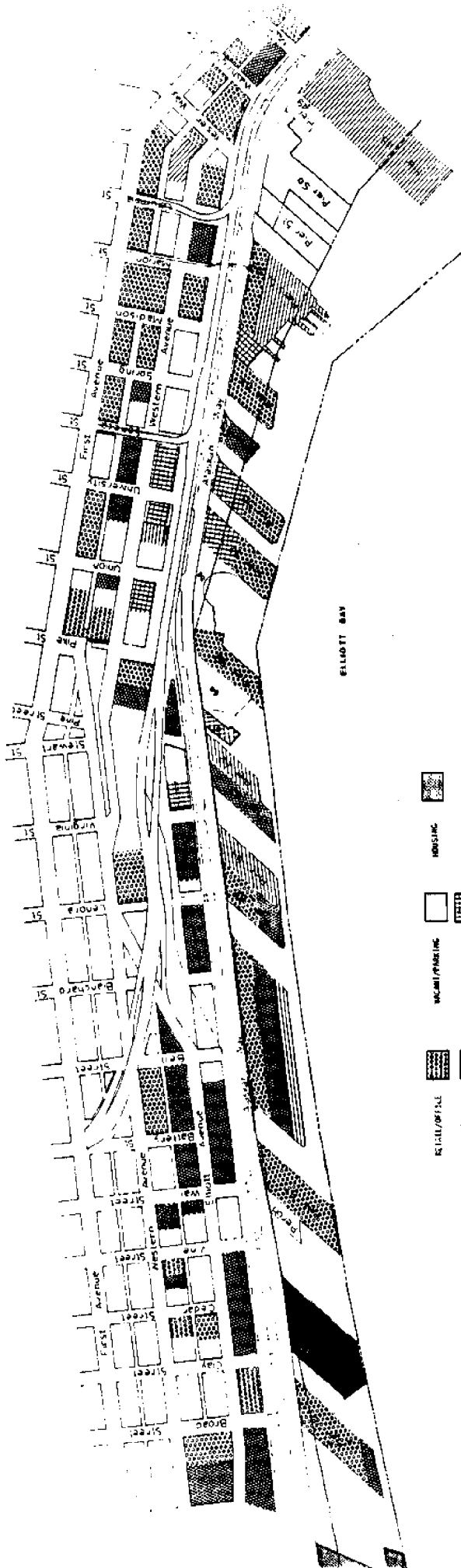




**Seattle Central Waterfront
Land Use 1965 6**

- RECREATION
- INDUSTRIAL
- MANUFACTURE
- RESIDENTIAL
- OFFICE
- UNIVERSITY
- COMMERCIAL
- WALKWAY/PARKING
- PUBLIC
- TRANSPORTATION
- RESERVE

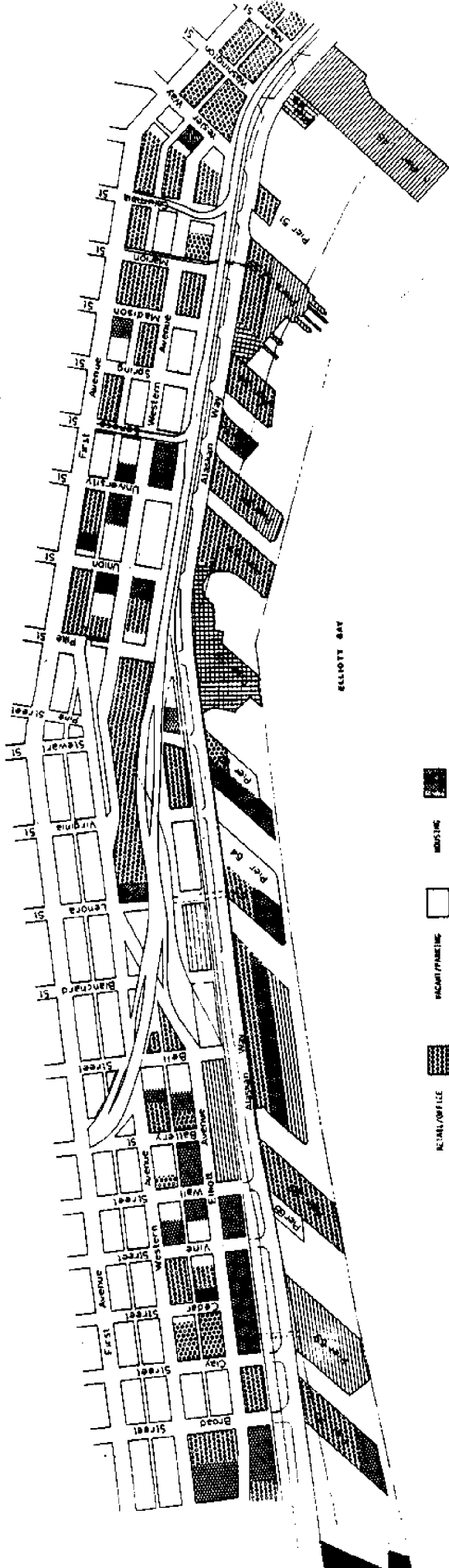
SCALE IN FEET
0 100 200
NORTH



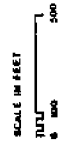
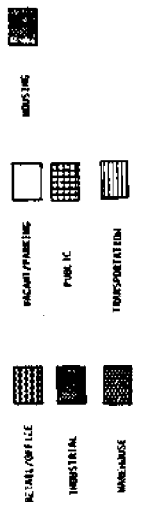
**Seattle Central Waterfront
Land Use 1975**

- RETAIL/OFFICE
- INDUSTRIAL
- RECREATION
- HOUSING
- PUBLIC
- TRANSPORTATION

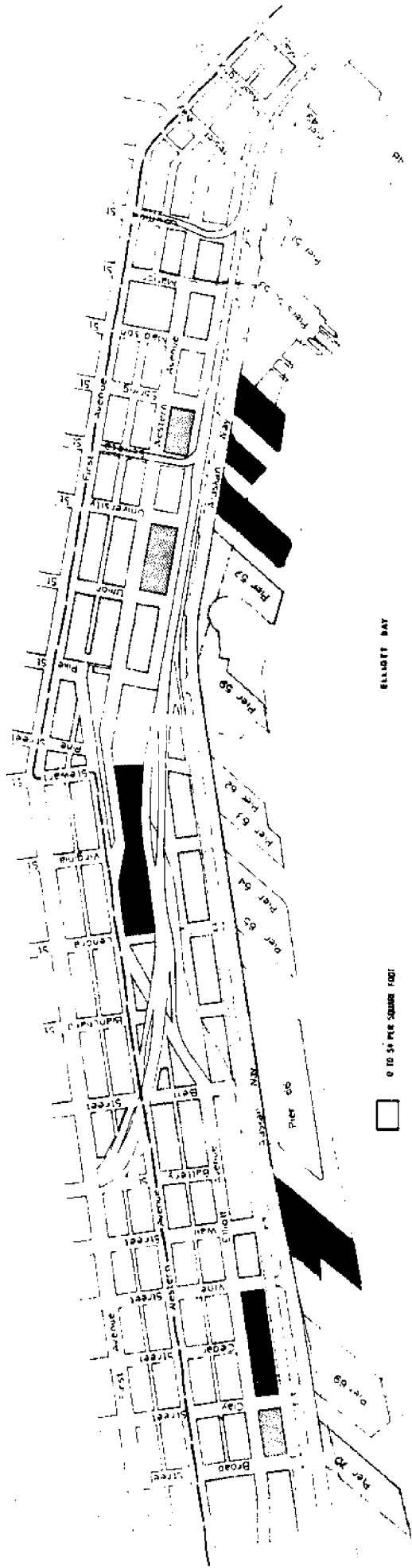
SCALE IN FEET
0 100 500



**Seattle Central Waterfront
Land Use 1980**

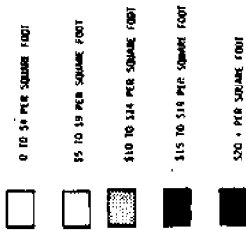


ELLIOTT BAY



ELLIOTT BAY

Seattle Central Waterfront 1981 Assessed Value



AGE CLASS

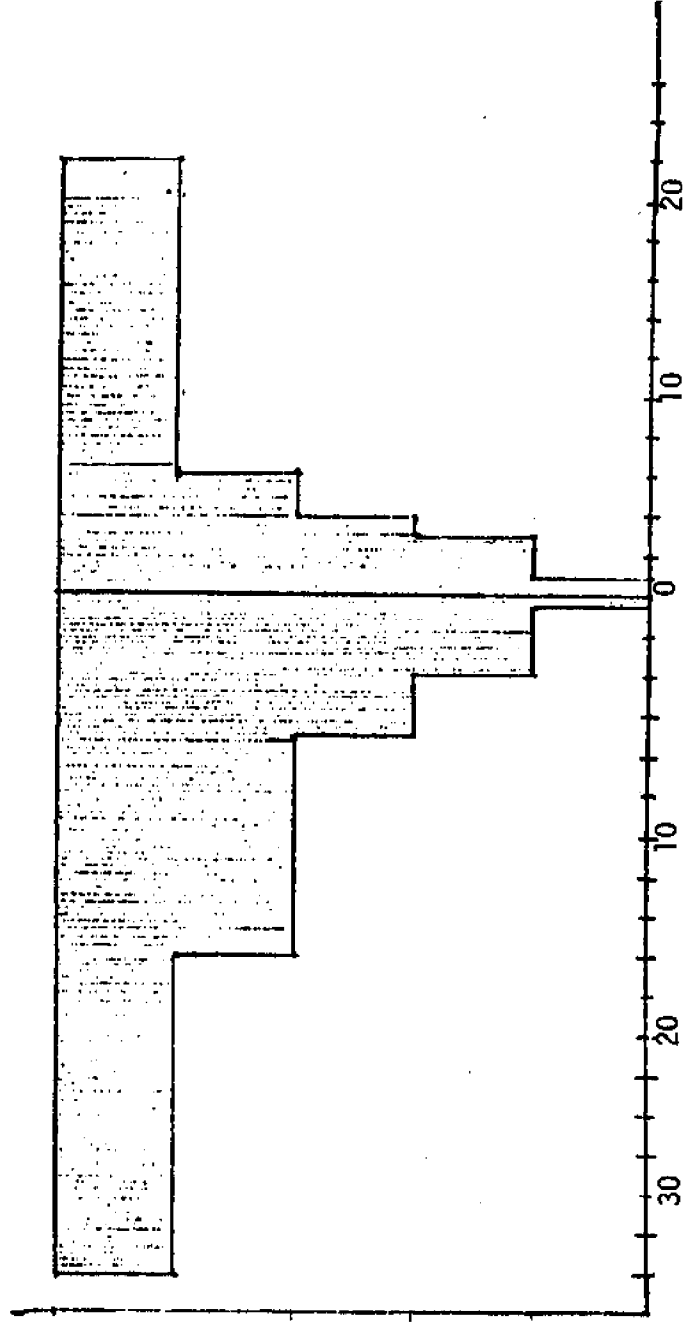
55 & over

35 - 54

25 - 34

15 - 24

Under 15



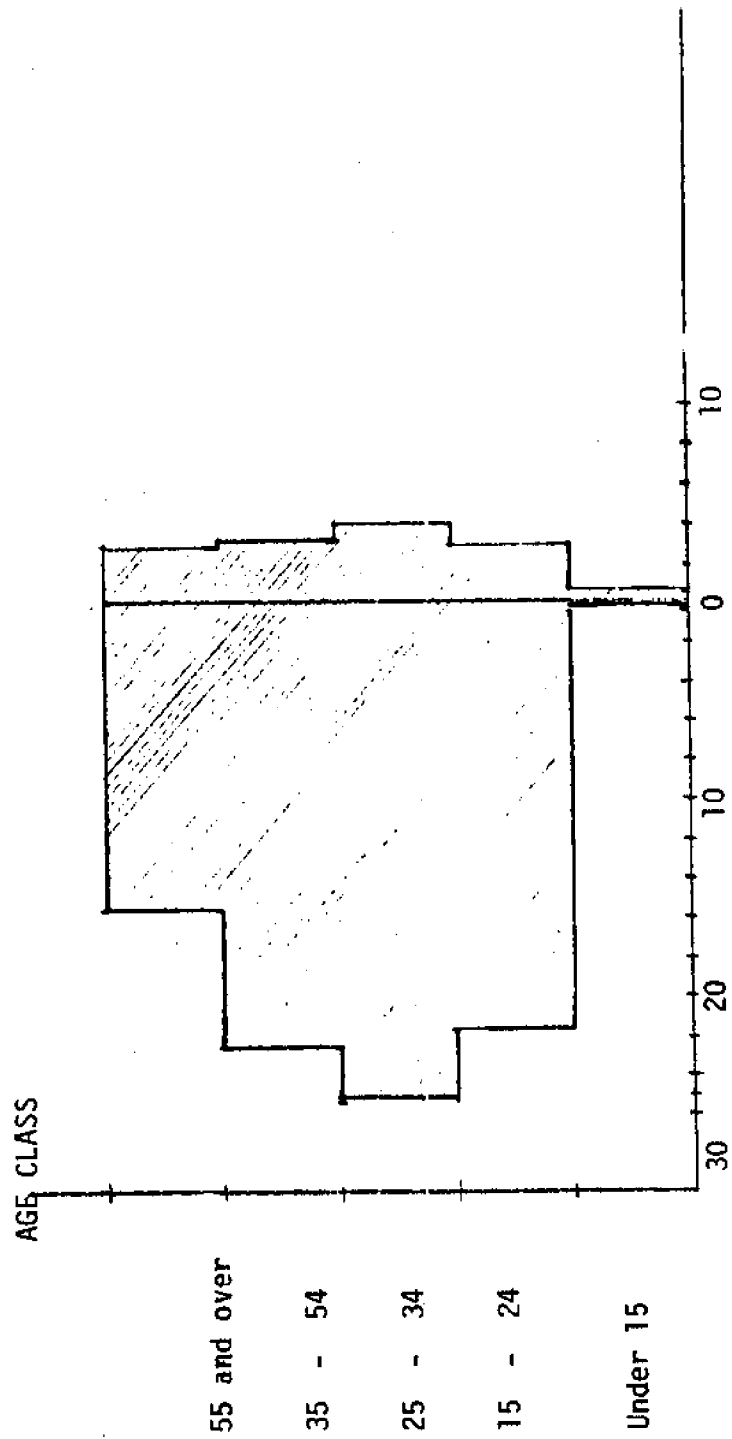
PER CENT OF TOTAL POPULATION OF CENSUS TRACTS

MALE

FEMALE

DENNY REGRADE

CENSUS TRACT 80

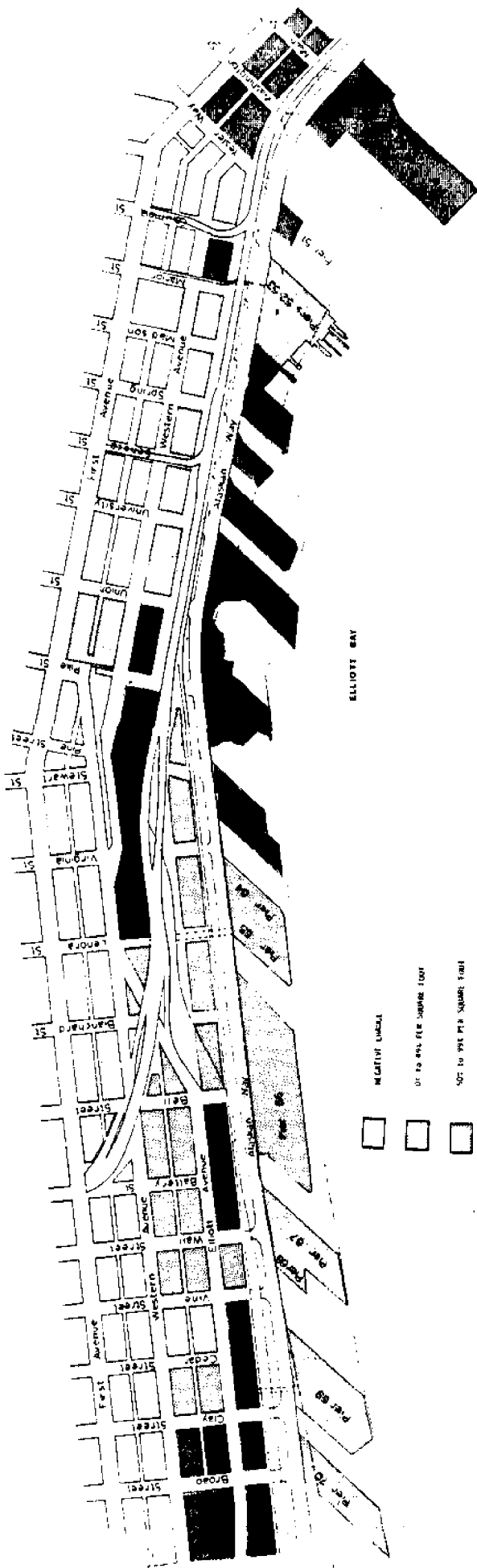


PER CENT OF TOTAL POPULATION OF CENSUS TRACT

MALE FEMALE

CENTRAL BUSINESS DISTRICT

CENSUS TRACT 81



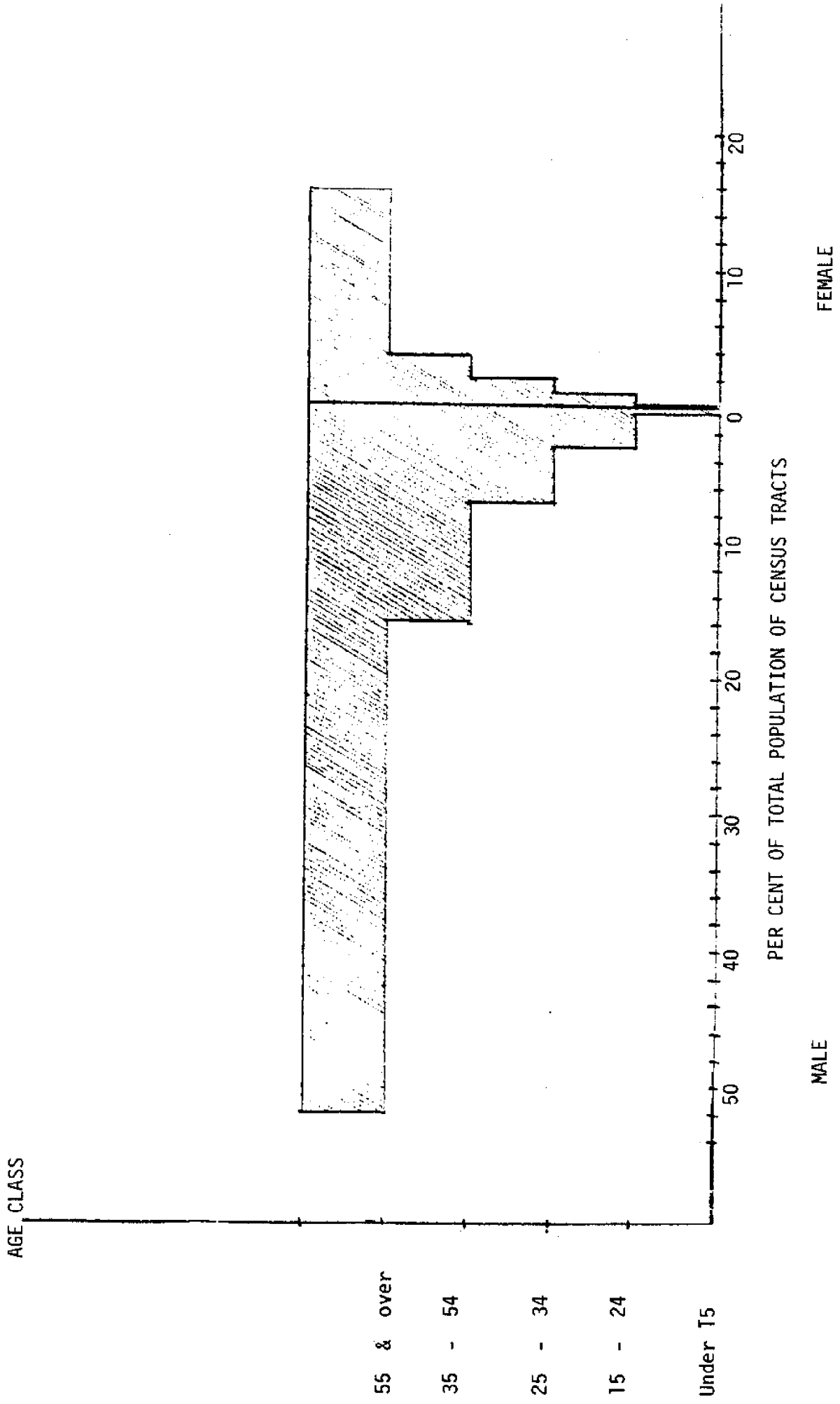
ELLIOTT BAY

Seattle Central Waterfront Percent Change in Assessed Value 1975 - 1981



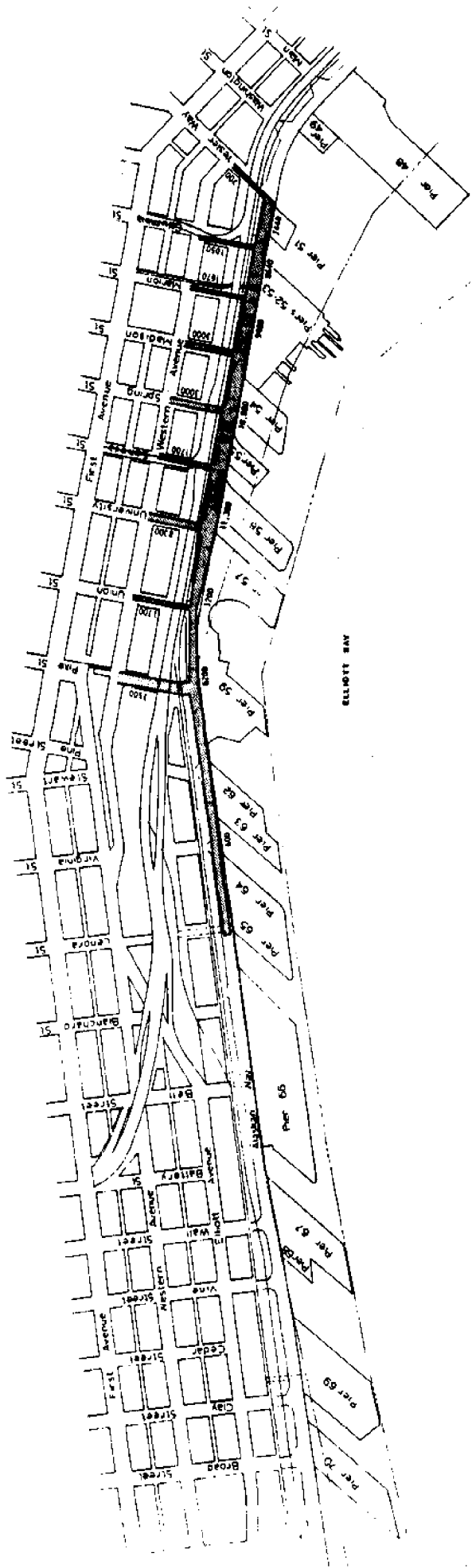
- RELATIVE UNCHG.
- 0% TO 49% PER SQUARE FOOT
- 50% TO 99% PER SQUARE FOOT
- 100% TO 199% PER SQUARE FOOT UNCHG.
- 200% OR MORE PER SQUARE FOOT UNCHG.

UNCHG. WITH LAND IMPROVEMENTS
 UNCHG. WITH LAND IMPROVEMENTS
 UNCHG. LIMITED - TOTAL PAVEMENT AREA - BUILDING VALUE INCREASE



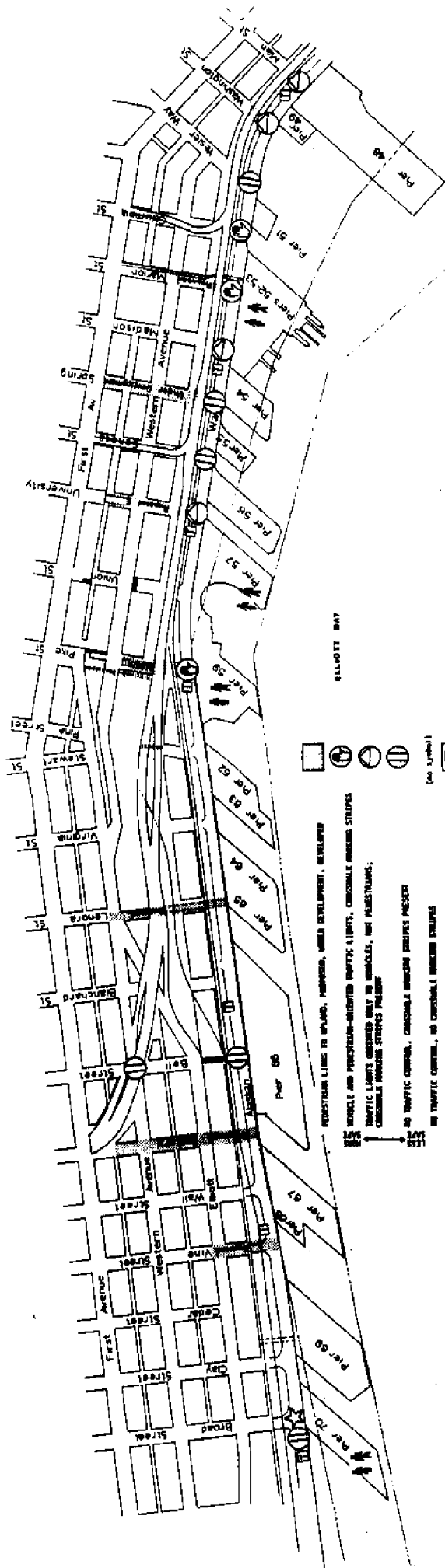
PIONEER SQUARE

CENSUS TRACT 92



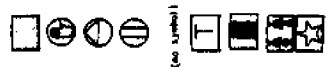
**Seattle Central Waterfront
Pedestrian Traffic**

SPRING 1944, 1945



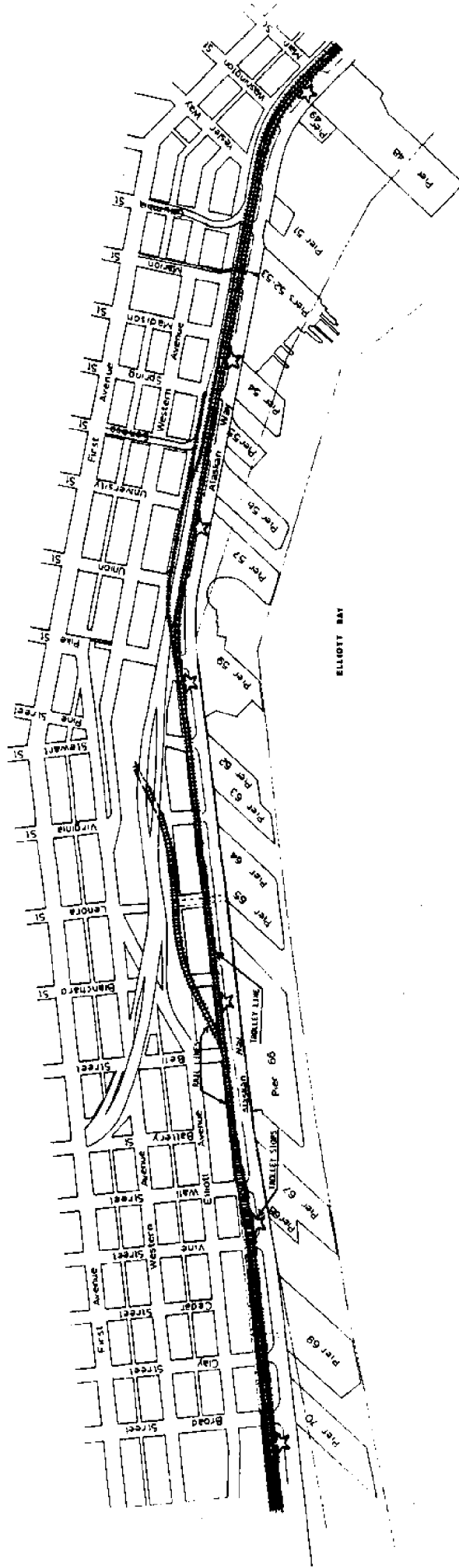
Seattle Central Waterfront Pedestrian Links Safety Elements

SCALE IN FEET
TOTAL 0 100 200 300

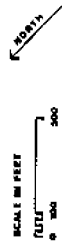


- PEDESTRIAN LINKS TO WALK, PUSH, WHEEL CHAIR, DEVELOPED
- VEHICLE AND PEDESTRIAN-ORIENTED TRAFFIC LIGHTS, CIRCUMFERENCE STRIPS
- TRAFFIC LIGHTS ORIENTED ONLY TO VEHICLES, NOT PEDESTRIANS;
- CIRCUMFERENCE STRIPS PRESENT
- NO TRAFFIC CONTROL, CIRCUMFERENCE STRIPS PRESENT
- NO TRAFFIC CONTROL, NO CIRCUMFERENCE STRIPS
- TRUCK STOP
- STAIRS
- RESTROOMS: PIERS 51, 57, 59, PUBLIC; PIER 70, PRIVATE
- NEW TRAFFIC SIGNAL LIGHTS

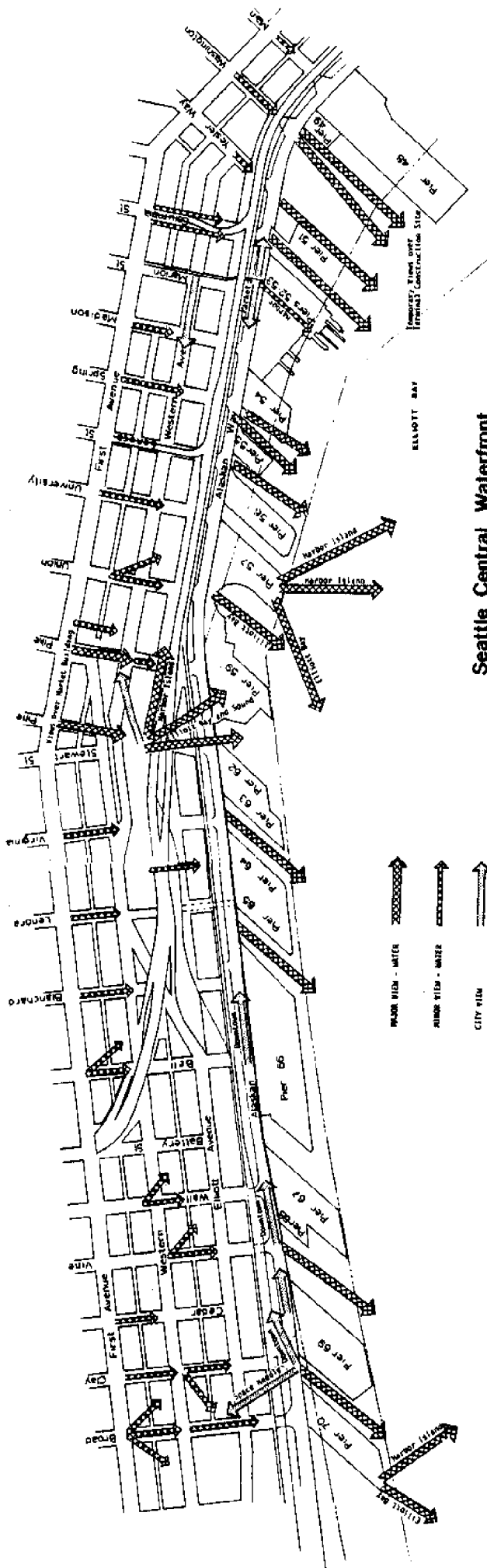
(No Links)



**Seattle Central Waterfront
Rail and Trolley Lines**



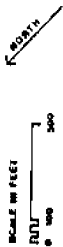
ELLIOTT BAY

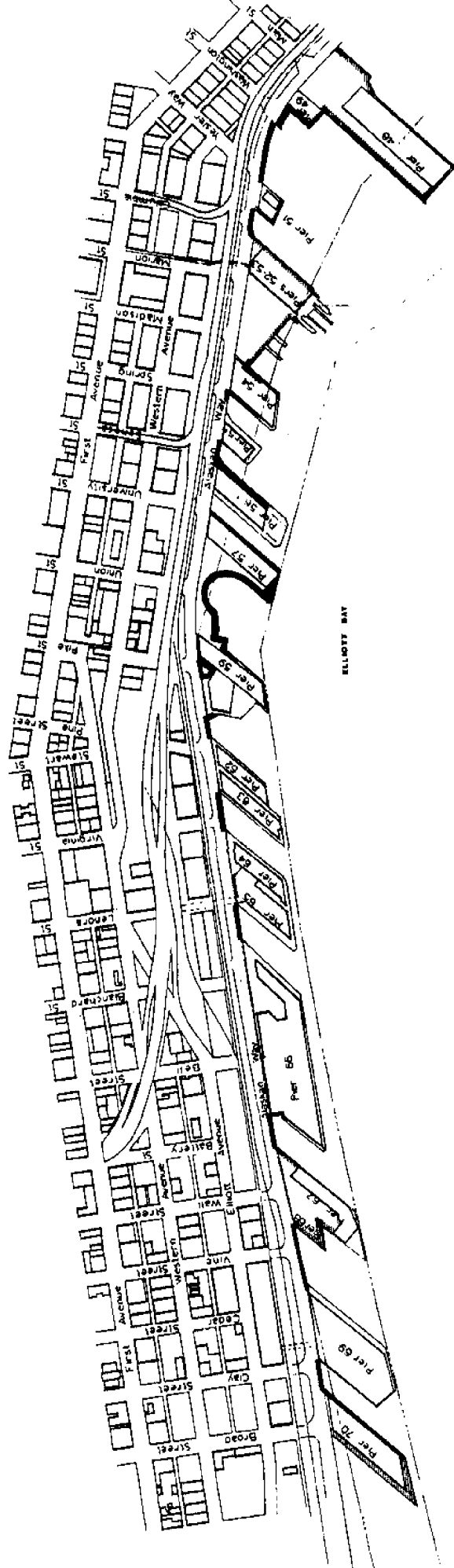


Seattle Central Waterfront

Views

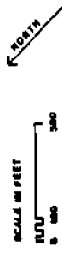
- MAJOR VIEW - WATER
- MINOR VIEW - WATER
- CITY VIEW





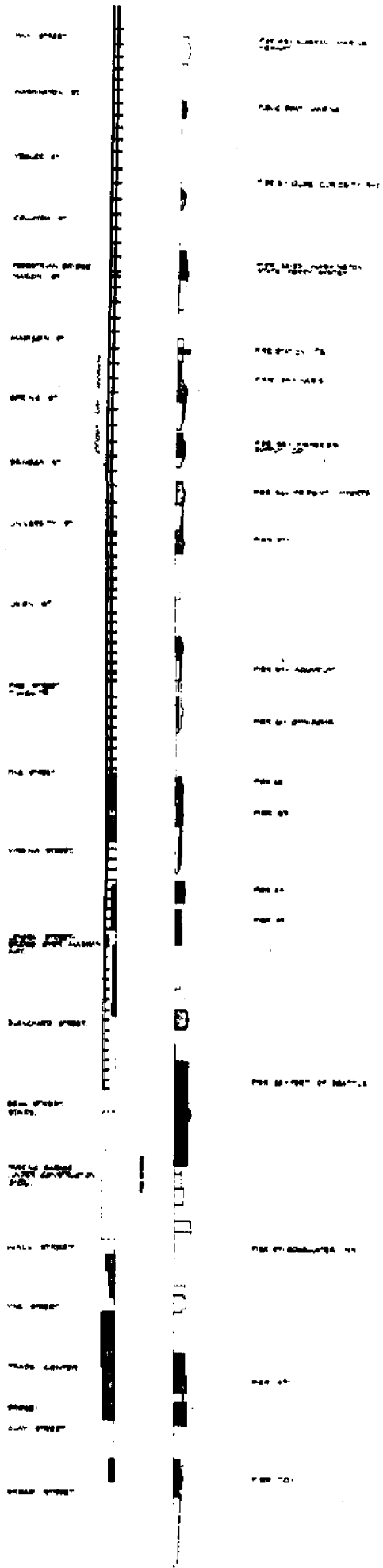
**Seattle Central Waterfront
Access to Water's Edge**

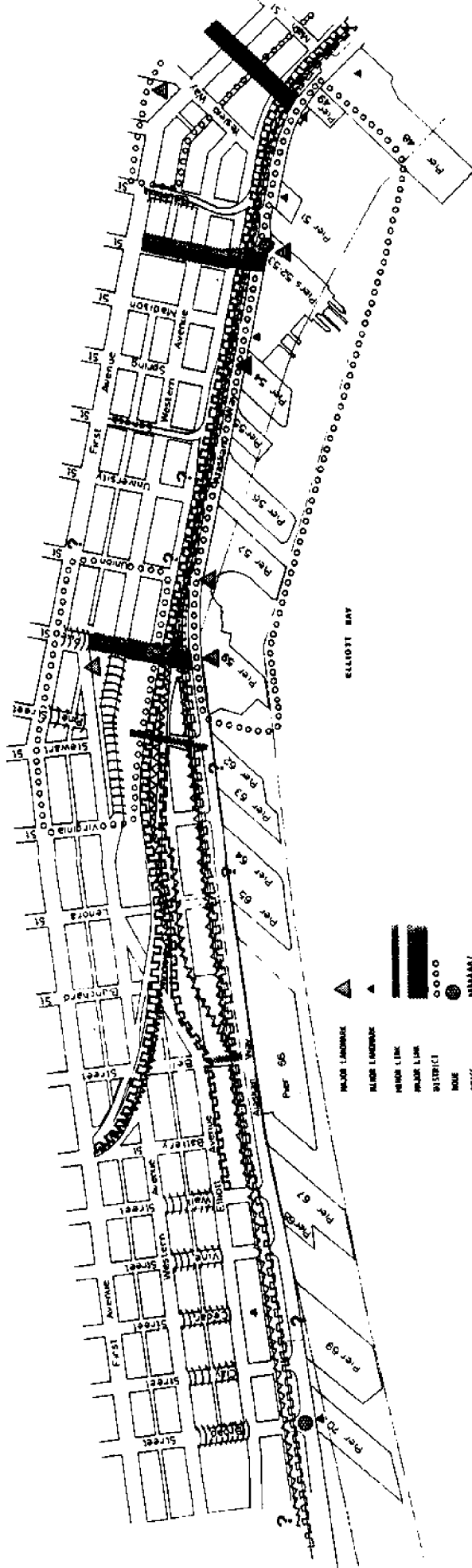
- ENHANCED ACCESS TO WATER'S EDGE
- INCIDENTAL ACCESS TO WATER'S EDGE



Seattle Central Waterfront
 Streetscape

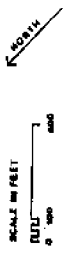
21





- ▲ MAJOR LANDMARK
- ▲ MINOR LANDMARK
- ▬ MAJOR LINK
- ▬ MAJOR LINK
- DISTRICT
- NODE
- NOTE
- CONVEYING OR AMBIGUOUS AREA
- SLOPE
- ▬ BARRIERS

Seattle Central Waterfront Images



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Field Survey, March, 1982.
21. Streetscape
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