

AN INVENTORY OF FILLED LANDS

IN

YAQUINA BAY AND RIVER

June 1972

Advisory Committee to the State Land Board

Representative Anthony Meeker, Chairman
Senator Gordon W. McKay, Vice Chairman
Senator Betty Browne
Senator George Eivers
Representative Paul Hanneman
Representative Dick Magruder
Representative Rod McKenzie
Mr. Patrick Gilroy

Mr. Cecil L. Edwards, Executive Assistant

Prepared by the Advisory Committee's
Engineering Staff under the
direction of

Stanley F. Hamilton, P.E.
Staff Engineer
Oregon Division of State Lands

This report was prepared with funding from
the Advisory Committee to the State Land Board
and a grant from the U.S. Department of Labor's
Emergency Employment Act of 1971.

LAND FILLS OF YAQUINA BAY

Yaquina Bay is a semi-enclosed bay-estuary located in Lincoln County, Oregon on the north-central Oregon coast. The estuary has a total navigable length of 23 miles -- Yaquina Bay proper being some 4 miles long and the navigable Yaquina River extending inland an additional 19 miles. The U.S. Army Corps of Engineers has set the administrative "head of navigability" for this river at "head of tide" some 2 miles above Elk City.

The total area of Yaquina Bay is 2850 acres¹ of which approximately 1750 acres² are tidelands. Most of the tidelands in this estuary are within three large tide flats -- Sally's Bend, King's Slough, and the area between Idaho Point and the Marine Science Center Complex. All of the tidelands in Yaquina Bay were sold and/or granted³ to private parties very early in statehood.

The purpose of this study was to determine the location, extent, ownership, history, owner of record and use of filled lands in Yaquina Bay. Filled lands or "new lands" and related terms are defined by Oregon Statute Law which in many cases paraphrases English Common Law. A few of the more important definitions pertaining to filled lands are shown below.

274.905 Definitions for ORS 274.905 to 274.940.

As used in ORS 274.905 to 274.940, unless the context requires otherwise:

(1) "New lands" means those lands, as distinguished from bridges, wharves, quays and similar structures, protruding above the line of ordinary high water, whether or not connected with the adjoining or opposite upland or riparian lands on the same side of the thread of the stream, which have been created upon submersible or submerged lands by artificial fill or deposit.

(2) "Public body" means the State of Oregon or any port organized under the laws of this state or any dock commission of any city of this state.

¹ Crisis in Oregon Estuaries -- The Division of State Lands is currently determining the present tideland acreage.

² Crisis in Oregon Estuaries (Area between M.L.L.W & M.H.H.W. on USC & GS Charts).

³ Legislative Grant -- Oregon Laws 1872 p. 129

ORS 274.005. (7) "Submerged lands," except as provided in ORS 274.705, means lands lying below the line of ordinary low water of all navigable waters within the boundaries of this state as heretofore or hereafter established, whether such waters are tidal or nontidal.

(8) "Submersible Lands," except as provided in ORS 274.705, means lands lying between the line of ordinary high water and the line of ordinary low water of all navigable waters and all islands, shore lands or other such lands held by or granted to this state by virtue of her sovereignty, wherever applicable, within the boundaries of this state as heretofore or hereafter established, whether such waters or lands are tidal or nontidal.

Selected terms pertaining to tidelands and tidal boundaries are defined in Appendix A.

A brief summary of the procedure used to obtain information about the land fills in Yaquina Bay is shown below.

- 1.) Obtain copies of all U.S. Army Corps of Engineers (U.S.C.E.) permits for land fills or related projects in study area. Compile and tabulate data.

- 2.) Obtain aerial photographs covering entire study area from U.S. Army Corps of Engineers, U.S. Forest Service, Oregon Highway Department, and other agencies.

- 3.) Obtain reasonably complete set of United States Coast & Geodetic Survey (U.S.C.&G.S.) charts of study area.

- 4.) Using information listed above, locate and determine construction dates of all fills in estuary.

- 5.) Visit estuaries to verify location of land fills. Document size and use of land fills.

- 6.) Visit County Courthouses to obtain ownership data and assessment data if available.

- 7.) Complete report.

All of the information collected during this study has been summarized in a table showing ownership data, an appendix showing detailed sketches of each land fill, and a plate showing location and relative size of each land fill.

Table I shows ownership data. Each land fill has been designated by a two-part number -- the first part being an arbitrary number assigned during this study and the second part being the Lincoln County Tax Lot Number. In addition to ownership, this table shows the area of the fill and whether a Corps of Engineers Permit was issued.

The relative size and location of each fill discussed in Table I is shown on Plate I at the back of this report. In addition, detailed drawings of each landfill parcel and a brief summary of pertinent data concerning the fill appears in Appendix B.

Summary

This study has shown that there are 253 acres of land fill located on the submerged and submersible lands of Yaquina Bay and River below Toledo, Oregon.

Approximately 55 acres of this total landfill area have been constructed on state-owned submerged land; the remaining 198 acres were constructed on tidelands. Listed below are the land fills having at least some portion constructed on submerged lands.

Parcel	Occupant	Owner	Submerged landfill area
2-2001	D. Hamstreet	State of Oregon	0.60
3-100	Sunset Terminals	" "	11.50
400	" "	" "	5.00
401	" "	" "	4.12
402	" "	" "	4.13
3-2300	E.L. Bruce	" "	0.90
4-100	Port of Newport	" "	4.00
101	Golden Bridles	" "	4.00
102	State of Oregon	" "	7.00
103	Port of Newport	" "	4.00
104	" "	" "	0.40
201	State of Oregon	" "	4.70
5-700	Ivan Leek	" "	0.20
6-800	Carl Lynn	" "	0.02
14-400	G. James	" "	0.40
17-201	Port of Toledo	" "	3.98
Total			54.95

In at least three of the landfill parcels (9 tax lots) the area of land fill exceeds the tax lot area shown on the Assessor's map.

	<u>Parcel</u>	<u>Owner</u>	<u>Fill area</u>	<u>County Assessor tax lot area</u>
1	3-400	Sunset Terminals	35.0 acres	32.48 acres
2	402	" "	4.13	2.40
3	1000	May Townsend	.15	.09
4	1200	J.L. Van Arman	.03	.01
5	1301	Sunset Terminals	.18	.10
6	2300	E.L. Bruce	3.0	2.34
7	4-103	Port of Newport	13.75	10.00
8	104	" "	16.35	13.93
9	9-3300	A. Maxwell	.36	.31

We conclude that the extent of these land fills are not known by the County Assessor.

It is interesting to note that of the 17 identifiable land fills in the Yaquina Estuary only 3 exceed five acres in area. Those fills (1) Sunset Terminals, (2) Port of Newport, and (3) State of Oregon - Marine Science Center are all marine oriented with heavy emphasis on deep water navigation and industry.

We wish to thank all of the people and agencies that provided information for this report. In particular, we wish to thank:

U.S. Army Corps of Engineers, Portland District
Oregon State University - Marine Science Center
Port of Newport
Lincoln County Assessor
Lincoln County Surveyor

MAPS AND CHARTS USED IN THIS STUDY

U.S.C. & G. Charts for the Years:

1868	1939
1917	1951
1923	1962
1930	1971

Lincoln County Assessor's Maps

S.P.R.R. 1912 Tideland Survey (Lincoln Co. Surveyor)

Department of Revenue Forest Cover Maps

U.S. Army Corps of Engineers Aerial Photos (1965)

Division of State Lands Aerial Photos (1969)

TABLE I
OWNERSHIP AND LANDFILL DATA
YAQUINA BAY, OREGON

PARCEL	OWNERSHIP		CONSTRUCTION DATES		USAGE		PERMIT		FILL ACREAGE		
	PRESENT	WHEN FILLED	STARTED	COMPLETED	ORIGINAL	PRESENT	NUMBER	CLASS	SUBMERGED	SUBMERSIBLE	TOTAL
1-100	Port of Newport	Port of Newport	9/63 2/71	12/66 In Progress	Moorage	Moorage	1507-24-7(CofE) RP 535 (SoFo)	Moorage Removal Permit	-	4.00	4.00
2-2001	D. Hamstreet	D. Hamstreet	3/71 6/67	In Progress In Progress	Marina	Marina	1522-14-4(CofE) 1507-24-9(CofE) RP 485 (SoFo)	Dredge & Fill Moorage Removal Permit	0.60	2.40	3.00
3-100	Sunset Terminals	Yaquina Bay Dock & Dredging Company	1/71 8/53 9/56 9/69 9/69 4/70	In Progress In Progress 12/56 12/59 9/71 9/71 In Progress	Log Storage	Log Storage	1522-15-9(CofE) NPP 800.6-2(CofE) NPP 800.6-1(CofE) 1507-27-3 (CofE) RP 399 (SoFo) RP 431 (SoFo)	Moorage Bulkhead Dikes Dredging Removal Permit Removal Permit	11.50	15.59	27.09
3-101	Sunset Terminals	Yaquina Bay Dock & Dredging Company	See Note /1	See Note /1	Dredge Spoils Area	None	See Note /1	See Note /1			
3-300	Sunset Terminals	"	"	"	Log Storage	Log Storage	"	"		4.00	4.00
3-400	Sunset Terminals	"	"	"	Moorage	Storage	"	"	5.00	36.00	36.00
3-401	Sunset Terminals	"	"	"	Moorage	Storage	"	"	4.12	30.00	35.00
3-402	Sunset Terminals	Sunset Terminals	"	"	Log Storage	Log Storage	"	"	4.13		4.12
3-1000	Sunset Terminals	J. R. Hodgson	"	"	Log Storage	Log Storage	"	"		0.24	0.24
3-1100	Sunset Terminals	May Townsend	"	"	Log Storage	Log Storage	"	"		0.15	0.15
3-1200	Sunset Terminals	J. L. VanArman	"	"	Log Storage	Log Storage	"	"		0.03	0.03
3-1300	Sunset Terminals	L. Chipman	"	"	"	"	"	"		0.05	0.05
3-1301	Sunset Terminals	Yaquina Bay Dock & Dredging Company	"	"	"	"	"	"			
3-1400	D. Warren	Dredging Company	"	"	"	"	"	"		0.18	0.18
3-1500	D. Warren	D. Warren	"	"	"	"	"	"		0.22	0.22
3-1600	S. Lenox	S. Lenox	"	"	"	"	"	"		0.23	0.23
3-1700	L. W. Ames	L. W. Ames	"	"	"	"	"	"		0.30	0.30
3-2300	C. E. Nolin	C. E. Nolin	"	"	"	"	"	"			
4-100	E. L. Bruce	E. L. Bruce	"	"	"	"	"	"	0.90	1.10	1.10
4-101	Port of Newport	Lincoln County	1951	1972	Dredge Spoils Area U.S. Corps of Eng.	None	-	-	4.00	2.10	3.00
4-101	Golden Bridges	Golden Bridges	1951	1972	"	Recreation	-	-		29.00	33.00
4-102	State of Oregon	State of Oregon	"	"	"	Marine Science Ctr	-	-	4.00	11.20	15.20
4-103	Port of Newport	Port of Newport	"	"	"	Maintenance Area	Ref 1507-24-3(CofE)	Groin	7.00	16.40	23.40
4-104	Port of Newport	Port of Newport	"	"	"	Marine Science Ctr	-	-	3.75	10.00	13.75
4-201	State of Oregon	State of Oregon	"	"	"	Docks	-	-	.35	16.00	16.35
5-700	Ivan Leek	Ivan Leek	8/69	"	Moorage	None	-	-	4.70	-	4.70
6-800	Carl Lynn	Carl Lynn	7/61	8/70	Moorage	Moorage	1507-24-1 NPP 285/70a-5	Moorage and Fill	.20	.20	.40
7-200	Roy Sawyer	Roy Sawyer	3/67	5/66	None	Moorage	1508-29-1	Moorage	.02	-	.02
8-700	Roy Sawyer	Roy Sawyer	1963	12/69	Commercial Business	None	NPP 285/70a-3	Bulkhead and Fill	-	8.8	8.8
9-3300	Alan Maxwell	Alan Maxwell	9/59	1970	Moorage	Commercial Bus.	-18	Marine Waterways	-	.80	.80
9-3400	Alan Maxwell	Alan Maxwell	9/59	3/61	Moorage	Moorage	-18	Pillings and Fill	-	.36	.36
9-3400	Alan Maxwell	Alan Maxwell	9/59	3/61	Moorage	Moorage	-18	Pillings and Fill	-	.10	.10

Note /1 THE CONSTRUCTION DATES AND PERMITS LISTED ON 3-100 COVER ALL OF PARCEL 3.

A P P E N D I X A

DEFINITIONS OF TERMS PERTAINING TO
TIDELANDS AND TIDAL BOUNDARIES

Definitions Used by
U.S. Coast and Geodetic Survey

from

Shore and Sea Boundaries

by

Aaron L. Shalowitz

Mean Higher High Tide. - Same as Mean Higher High Water.

Mean Higher-High-Tide line. - Same as Mean Higher-High-Water line.

Mean Higher High Water. - The average heights of the higher high waters over a 19-year period. See Higher High Water, Nineteen-year Tidal Cycle.

Mean Higher High Water Line. - The intersection of the tidal plane of mean higher high water with the shore. See Mean Higher High Water.

Mean High Tide. - Same as Mean High Water.

Mean High Water. - The average heights of the high waters over a 19-year period. All high waters are included in the average where the tide is either semidiurnal or mixed. Where the type of tide is predominantly diurnal, only the higher high-water heights are included in the average on those days when the tide is semidiurnal. See mixed tides, semidiurnal tides, diurnal tides, Nineteen-year Tidal Cycle.

Mean High-Water Line. - The intersection of the tidal plane of mean high water with the shore.

Mean High-Water Mark. - Same as Mean High-Water Line.

Mean Lower Low Water. - The average height of the lower low waters over a 19-year period. The tidal plane used on the Pacific Coast as a datum for soundings on the hydrographic surveys and nautical charts of the Coast and Geodetic Survey.

Mean Low Water. - The average height of the low waters over a 19-year period. All low water heights are included in the average where the type of tide is either semidiurnal or mixed. Where the type of tide is predominantly diurnal, only the lower low water heights are included in the average on those days when the tide becomes semidiurnal.

Mean Low-Water Line. - The intersection of the tidal plane of mean low water with the shore.

Mean Sea Level. - The average height of the surface of the sea for all stages of the tide over a 19-year period, usually determined from hourly height readings. A determination of mean sea level that has been adopted as a standard for heights is called a sea level datum.

Mean Tide Level. - Same as Half-tide Level. A tidal datum midway between Mean High Water and Mean Low Water.

Ordinary High Water. - A nontechnical term considered by the Coast and Geodetic Survey to be the same as the tidal plane of mean high water.

Ordinary Low Water. - A nontechnical term considered by the Coast and Geodetic Survey to be the same as the tidal plane of mean low water.

Diurnal Tide. - Tides having a period or cycle of approximately one tidal day. Such tides exhibit only one high and one low water during a tidal day; the predominant type of tide in the Gulf of Mexico.

Semidiurnal Tides. - Tides having a period of approximately one-half a tidal day; the type of tide that is predominant throughout the world, with two high waters and two low waters each tidal day. Tides along the Atlantic Coast are of this type.

Mixed Tides. - Tides in which the presence of a diurnal wave is conspicuous by a large inequality in either the high or low-water heights, or in both, with two high waters and two low waters occurring each tidal day. Tides along the California (and Oregon) Coast are of the mixed type.

Tidelands. - The land that is covered and uncovered by the daily rise and fall of the tide. More specifically, it is the zone between the mean high-water line and the mean low-water line along a coast, and is commonly known as the "shore" or "beach." Referred to in legal decisions as between ordinary high-water mark and ordinary low-water mark. Tidelands presuppose a high-water line as the upper boundary.

Yaquina Bay

(T11S - R11W)

Total Area: 2853 acres 1/
Tidelands: 1741 acres 1/5/
Tidelands Sold: 43 acres 2/5/
Tidelands Granted: 2070 acres 3/5/
Navigable Length: 23.0 miles 4/
Tidewater: 2.0 miles above Elk City 4/

Tide Data

<u>Stage</u>	<u>Newport</u>		<u>Toledo</u>	
	<u>M.L.L.W.</u>	<u>M.S.L.</u>	<u>M.L.L.W.</u>	<u>M.S.L.</u>
M.H.W.	+7.5	+3.34	+7.4	+3.42
M.L.W.	+1.3	-2.86	+1.1	-2.88
M.L.L.W.	0.0	-4.16	0.0	-3.98

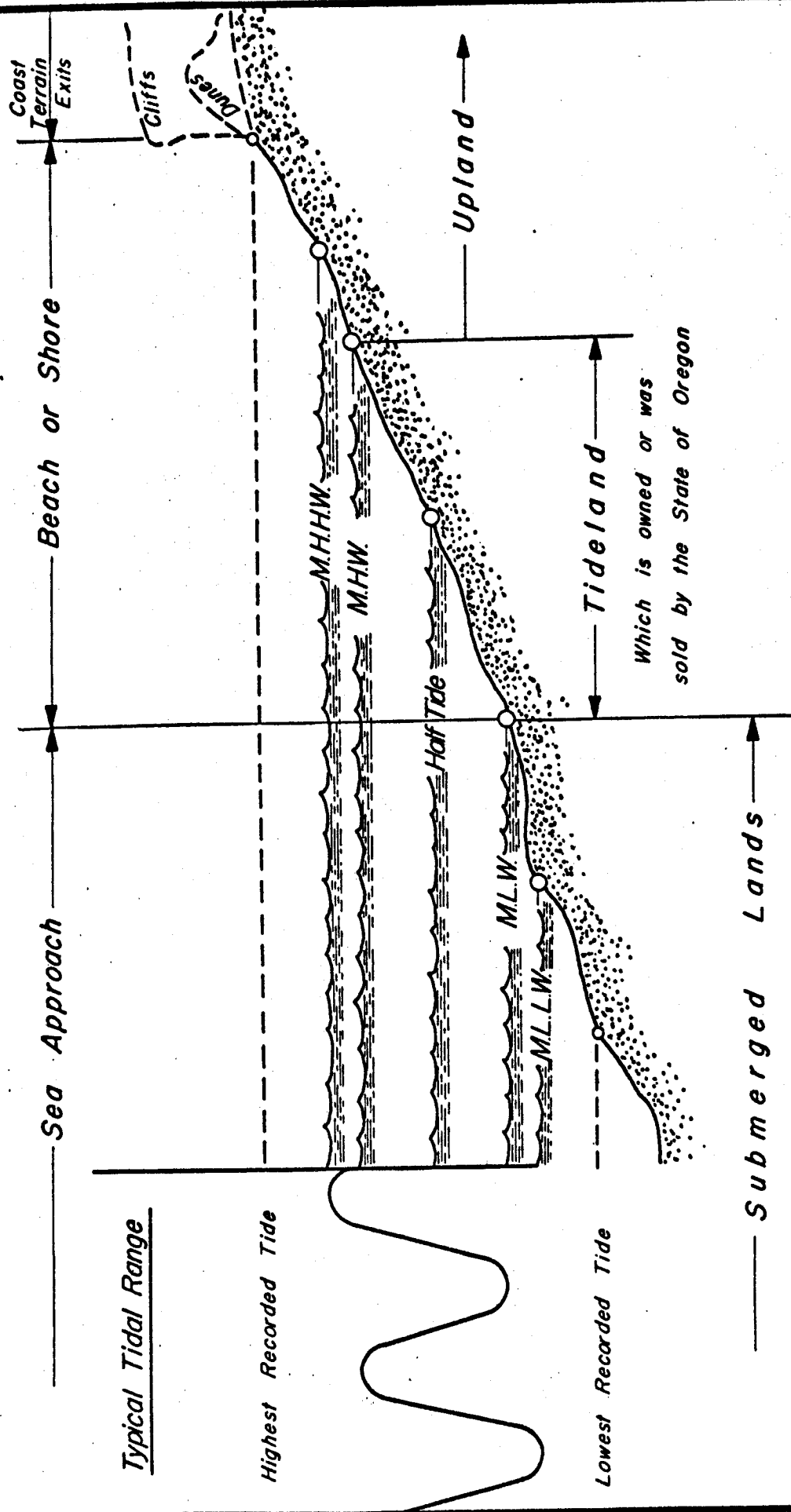
Port District: Port of Newport
Port of Toledo

- 1/ Crises in Oregon Estuaries.
- 2/ Division of State Lands.
- 3/ According to the Railroad Survey of 1912.
- 4/ Army Corps of Engineers Data.
- 5/ Discrepancy between tideland acreage and
tideland acreage sold and granted is due
to change in tidelands during 50-year period
and filling on tidelands.

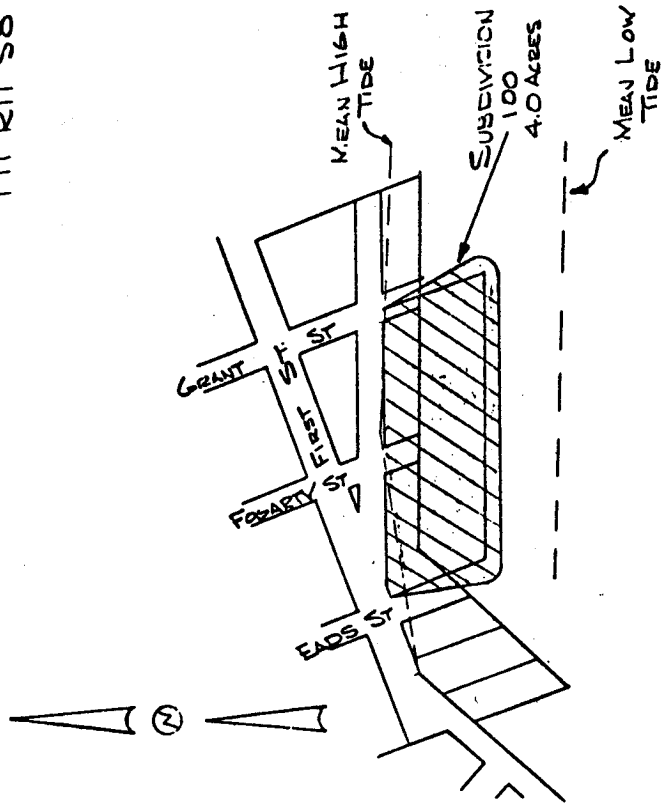
APPENDIX B

SKETCH PLATES OF LANDFILL PARCELS

General Shore Profile Relationship to Tidal Range



T11 R11 S8



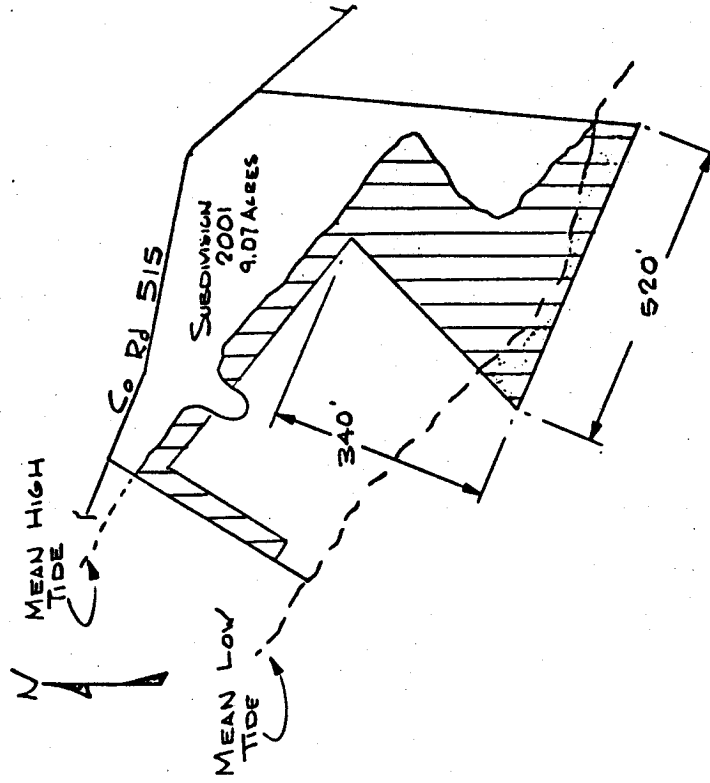
TOTAL FILLED ACRES:

4.0 ACRES

NO SCALE

Parcel #1 Newport Water Front, Subdivision 100
 Owner - Port Of Newport
 Construction Dates: Jan 1964 To Dec 1966
 Constructed For Use As A Boat Moorage
 Currently Zoned Non-Taxable

T11 R11 S9

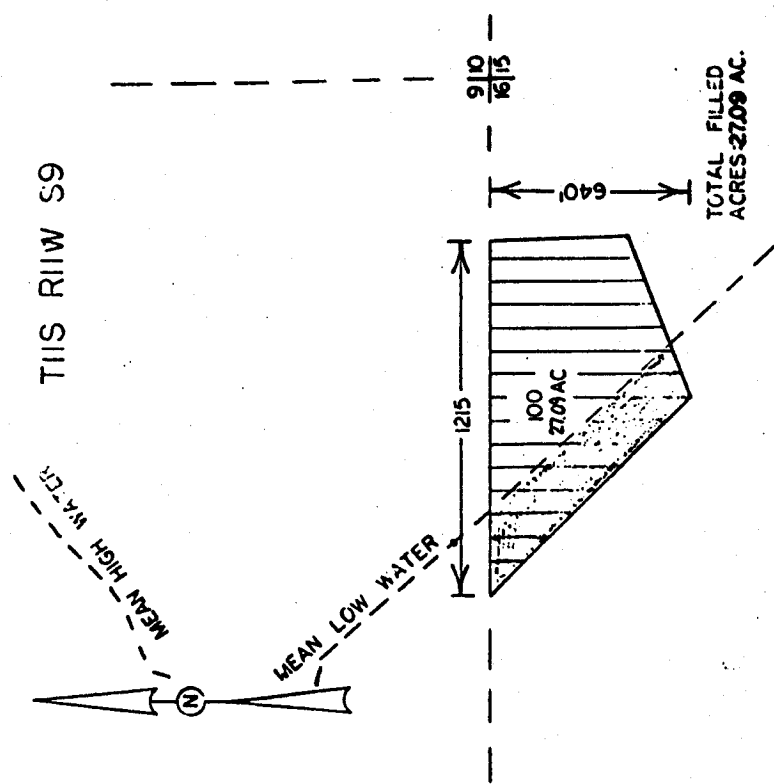
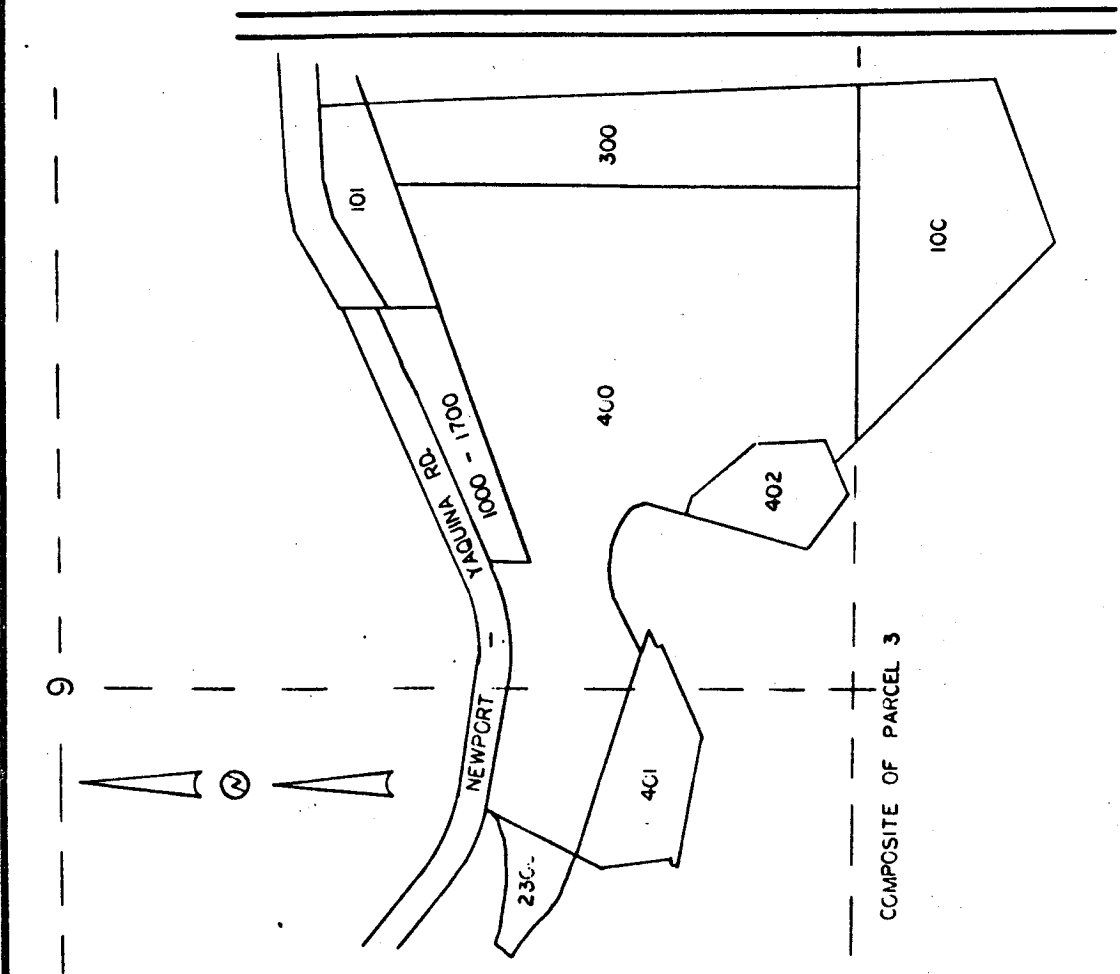


TOTAL FILLED AREA:

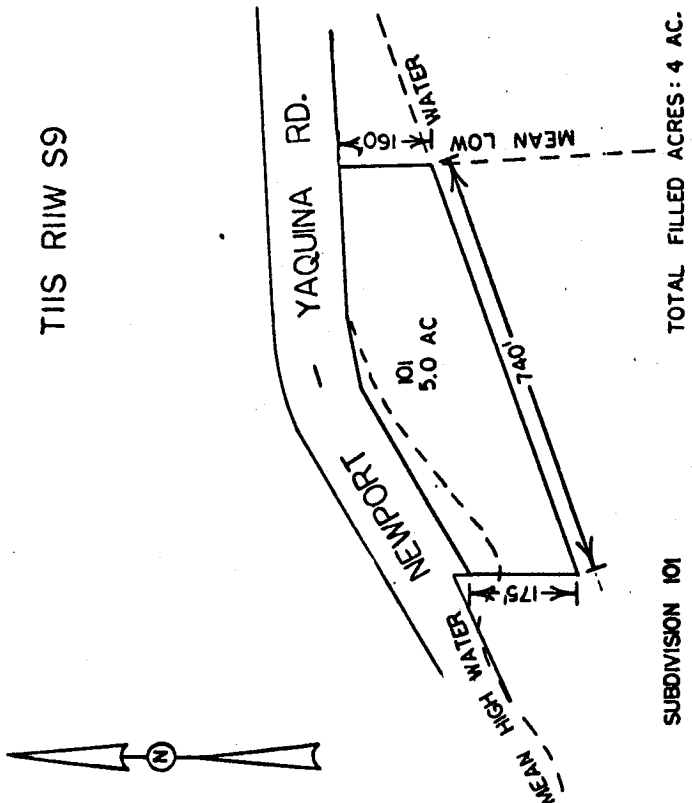
3 ACRES

SCALE 1" = 200'

Parcel #2 Newport Water Front, Subdivision 2001
 Owner - D. Hamstreet
 Construction Dates: June 1967 To Aug 1968
 Constructed For Use As A Boat Moorage
 Currently Zoned Urban Commercial

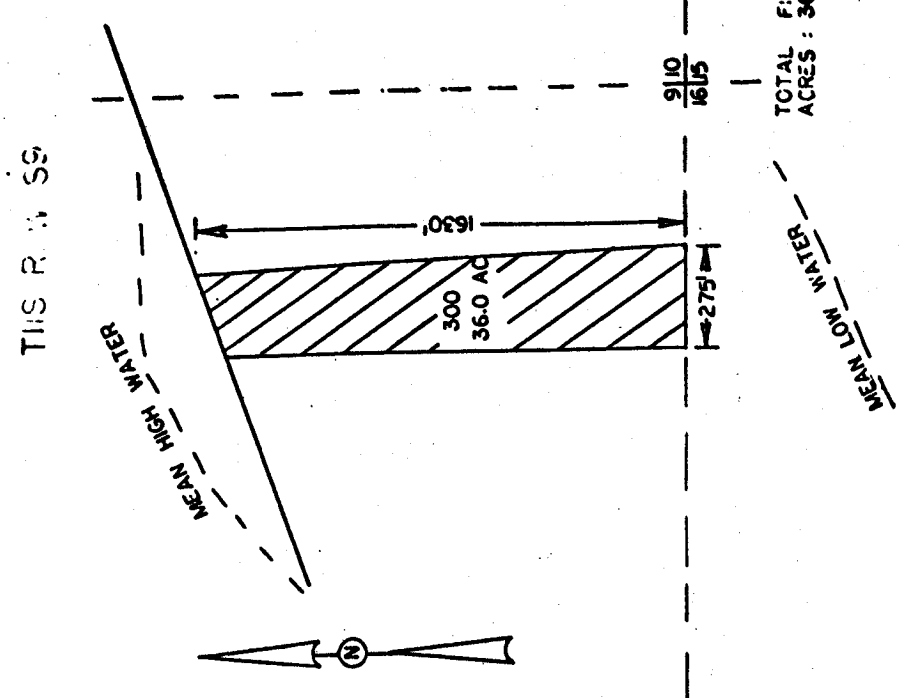


Parcel #3 McLean Point, Subdivision 100
 Owner - Sunset Terminals
 Construction Dates: July 1953 To Present Date
 Constructed For Use As A Log Storage Area
 Currently Zoned Urban Industrial



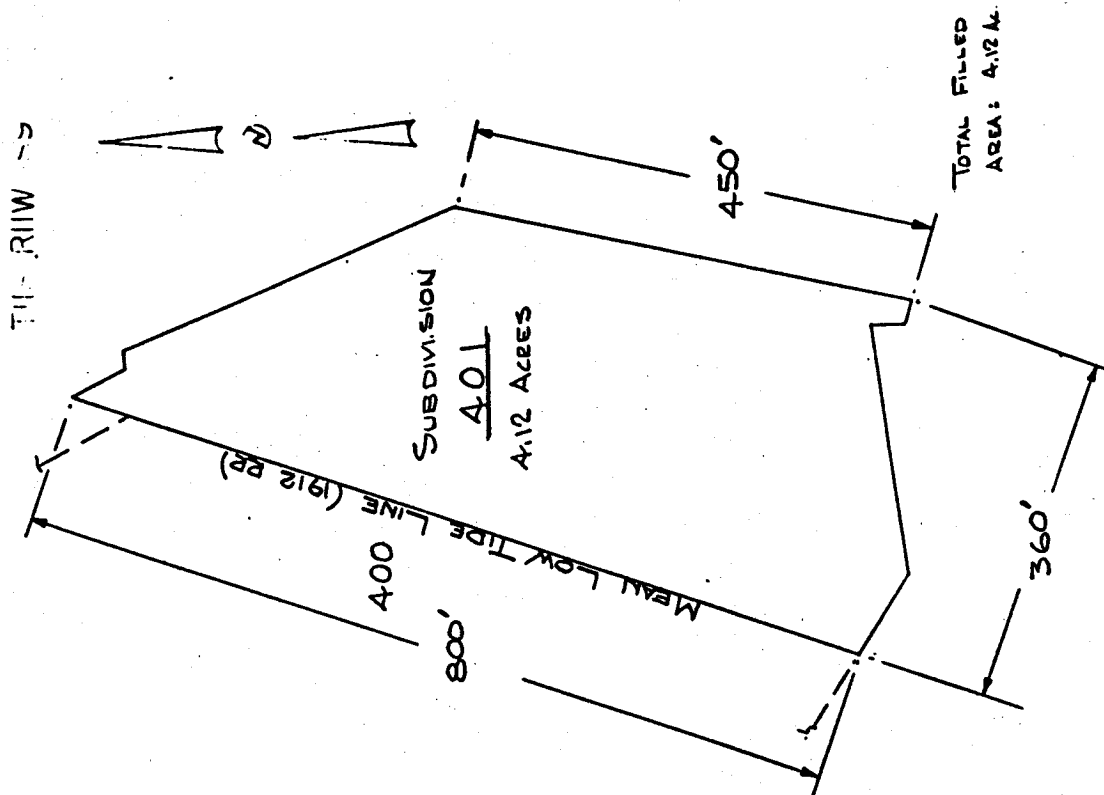
SUBDIVISION 101
TOTAL FILLED ACRES: 4 AC.

Parcel #3 McLean Point, Subdivision 101
Owner - Sunset Terminals
Construction Dates: July 1953 To Present Date
Constructed For Use As A Log Storage Area
Currently Zoned Urban Industrial

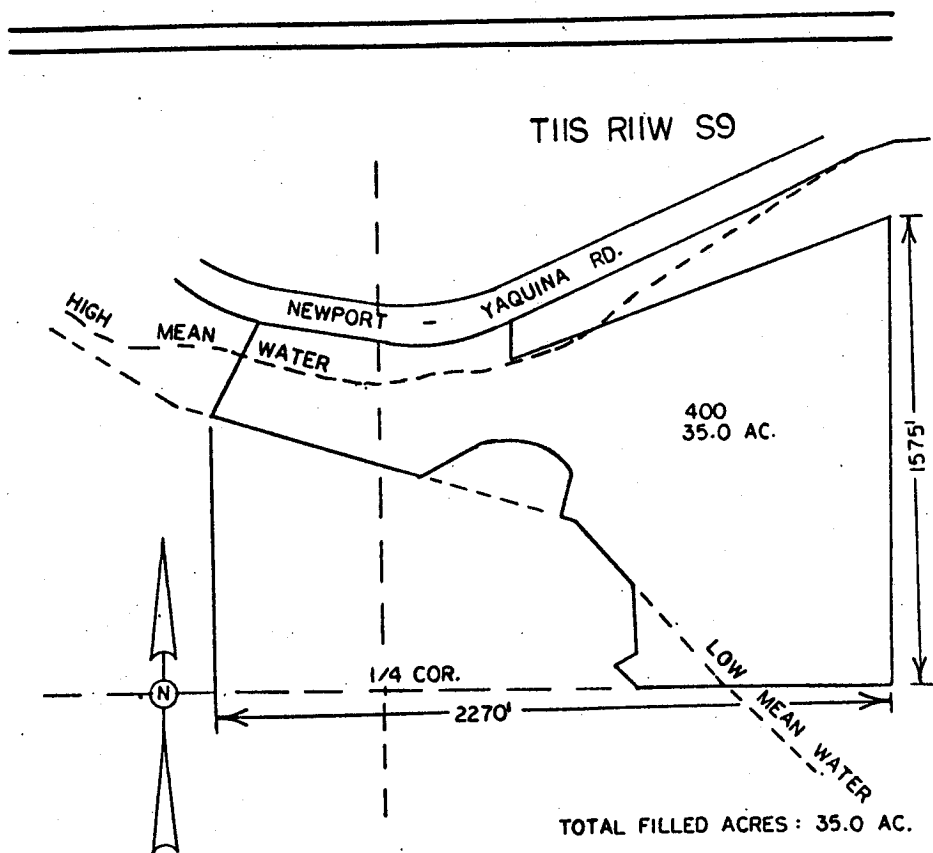


TOTAL FILLED
ACRES: 36.0 AC

Parcel #3 McLean Point, Subdivision 300
Owner - Sunset Terminals
Construction Dates: July 1953 To Present Date
Constructed For Use As A Log Storage Area
Currently Zoned Urban Industrial



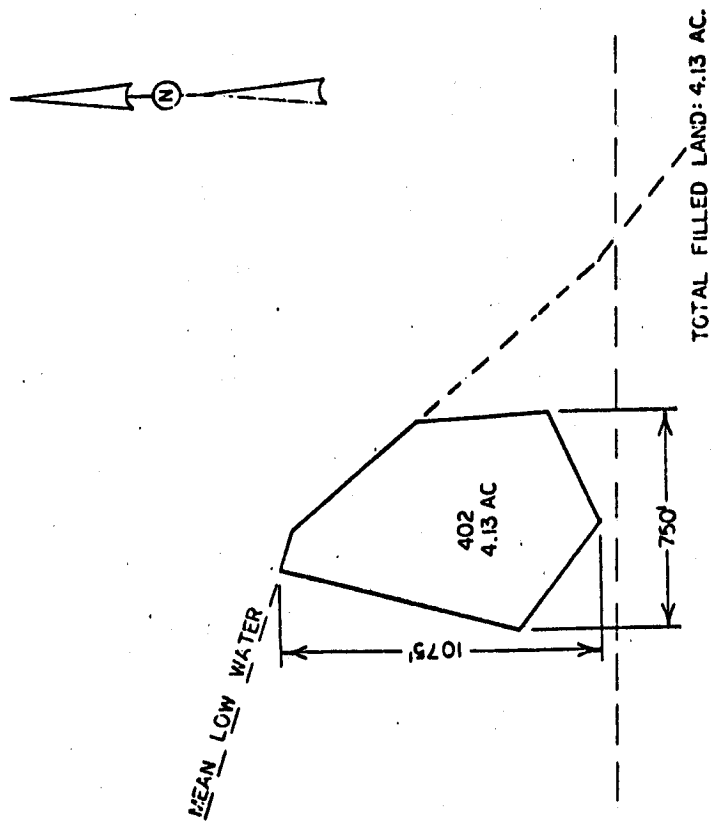
Parcel #3 McLean Point, Subdivision 401
Owner - Sunset Terminals
Construction Dates: July 1953 To Aug 1954
Constructed For Use As A Deep Water Moorage
Currently Zoned Suburban Industrial



Parcel #3 McLean Point, Subdivision 400
Owner - Sunset Terminals
Construction Dates: July 1953 To Aug 1954
Constructed For Use As A Storage Area
Currently Zoned Suburban Industrial

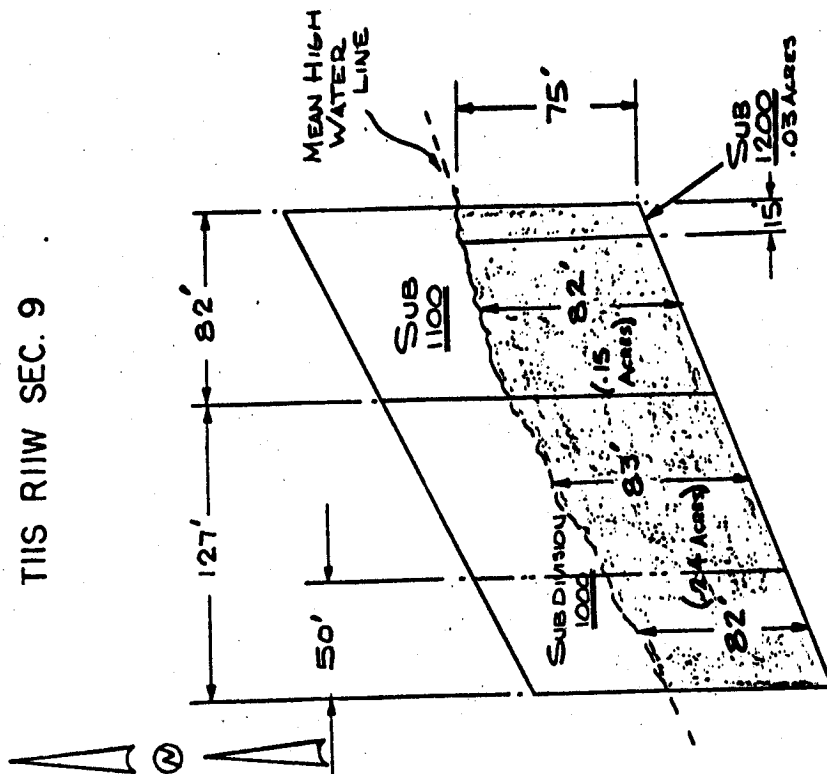
TIS RIV S9

MEAN HIGH WATER



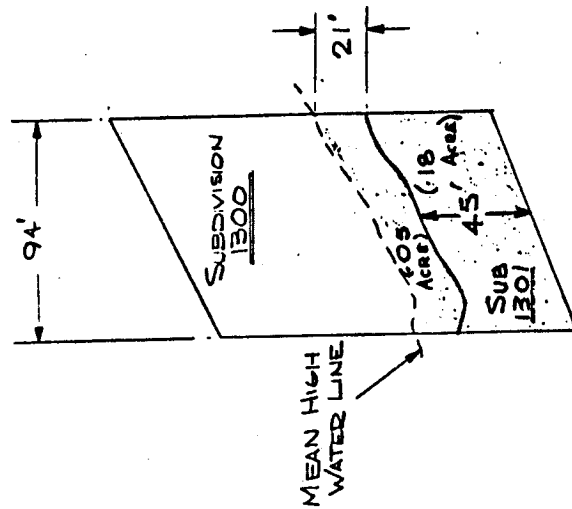
Parcel #3 McLean Point, Subdivision 402
Owner - Sunset Terminals
Construction Dates: July 1953 To Aug 1954
Constructed For Use As A Storage Area.
Currently Zoned Suburban Industrial

THIS RIW SEC. 9



Parcel #3 McLean Point, Subdivision 1000, 1100, And 1200
Owner - Sunset Terminals
Construction Dates: June 1953 To June 1956
Constructed For Use As A Storage Area
Currently Zoned Urban Industrial 1200 Zoned Suburban

T11 R11 S9

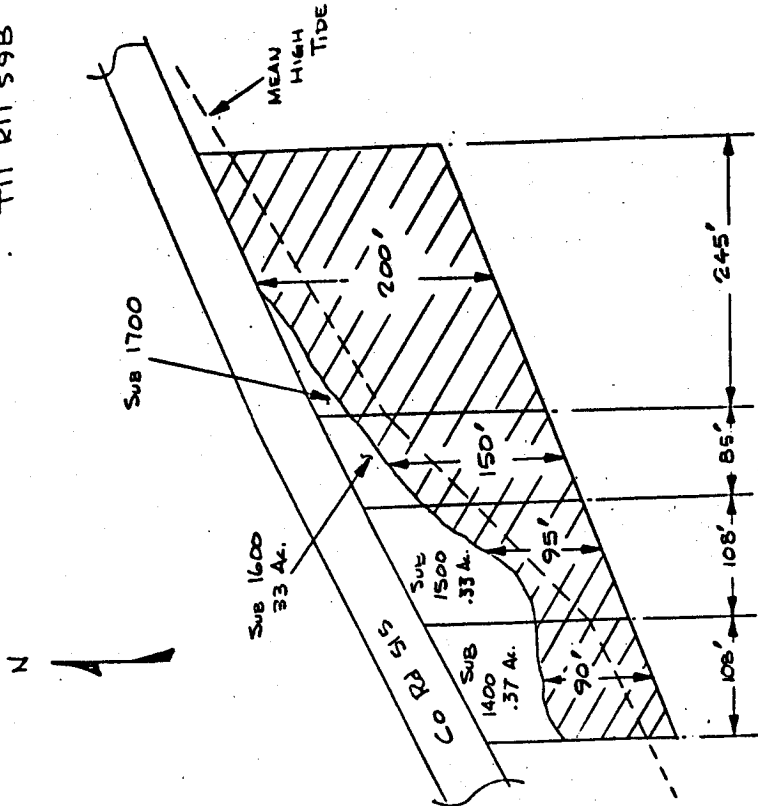


TOTAL FILLED AREA:

5.68 ACRES

Parcel #3 McLean Point, Subdivision 1300, and 1301
 Owners: 1300 - L. Chipman 1301 - Sunset Terminals
 Construction Dates: June 1953 To June 1956
 Constructed From Spoils
 Currently Zoned: 1300 - Urban Industrial, 1301 Urban Commercial

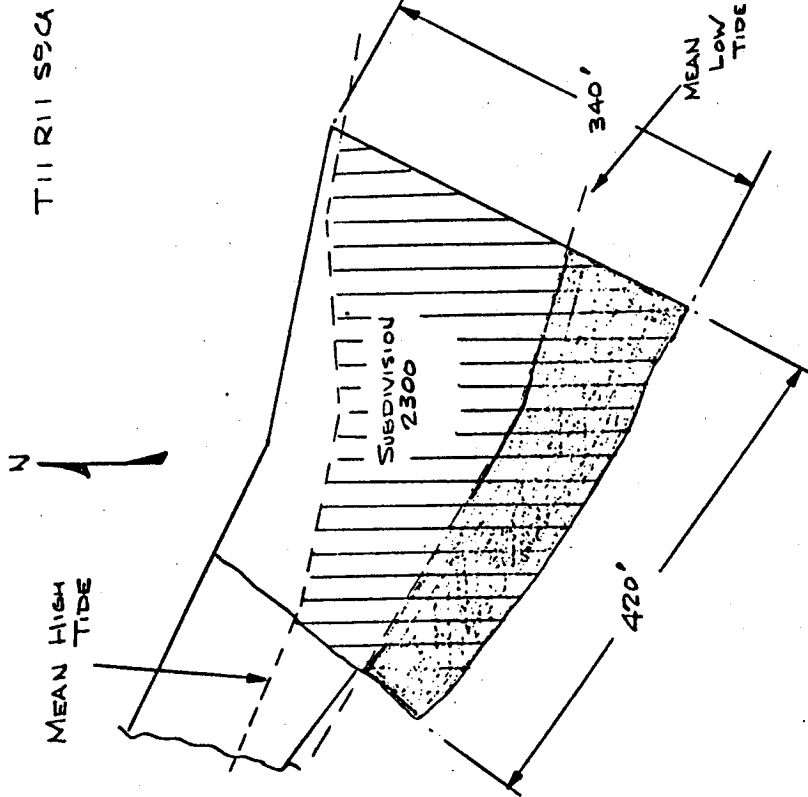
T11 R11 S9B



TOTAL FILLED AREA:

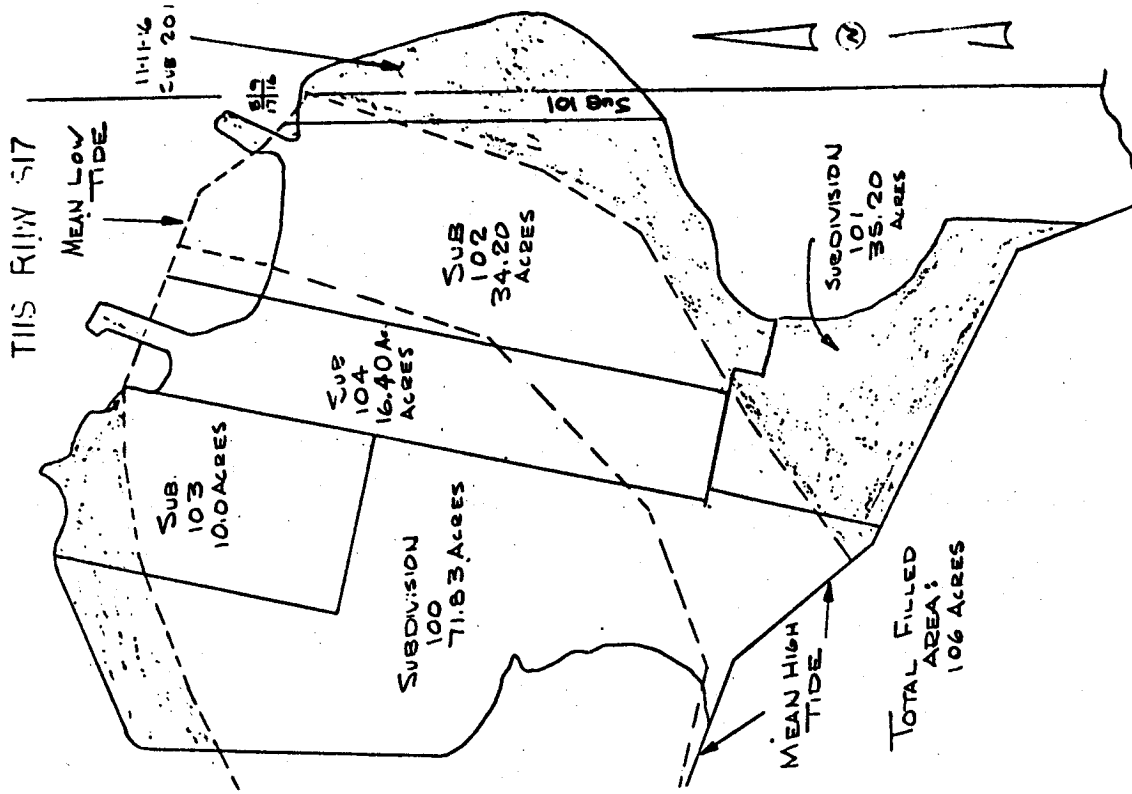
5.36 ACRES

Parcel #3 McLean Point, Subdivision 1400, 1500, 1600, and 1700
 Owners: 1400 and 1500 - Dean Warren, 1600 - S. Lenox, 1700 - L. Ames
 Construction Dates: Not Available
 Constructed For Land Extension
 Currently Zoned: Urban Industrial



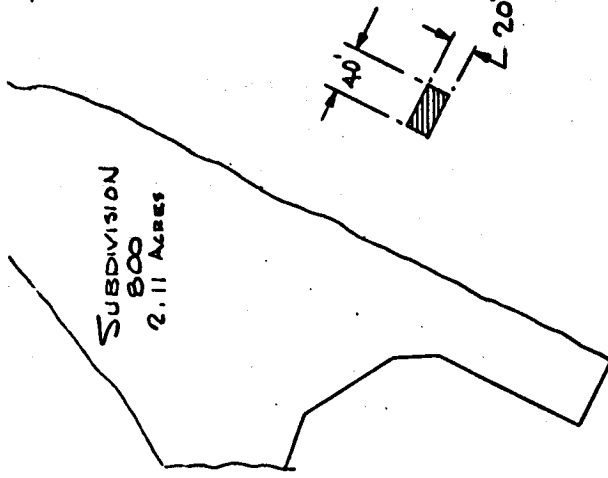
TOTAL FILLED AREA:
3.0 ACRES

Parcel #3 McLean Point, Subdivision 2300
Owner: E.L. BRUCE
Construction Dates: Unknown
Constructed For Use As A Storage Area
Currently Zoned Urban Industrial



Parcel #4 Marine Science Center, Subdivisions 100, 101, 102, 103, 104, 201
Owners: 100, 103, 104 - Port Of Newport, 101 - Golden Bridges,
102, 201 - State Of Oregon
Construction Dates: Unknown
Constructed For Use As Spoils Deposit Area
Currently Zoned Urban Commercial, Lake Front

THIS RIW S16

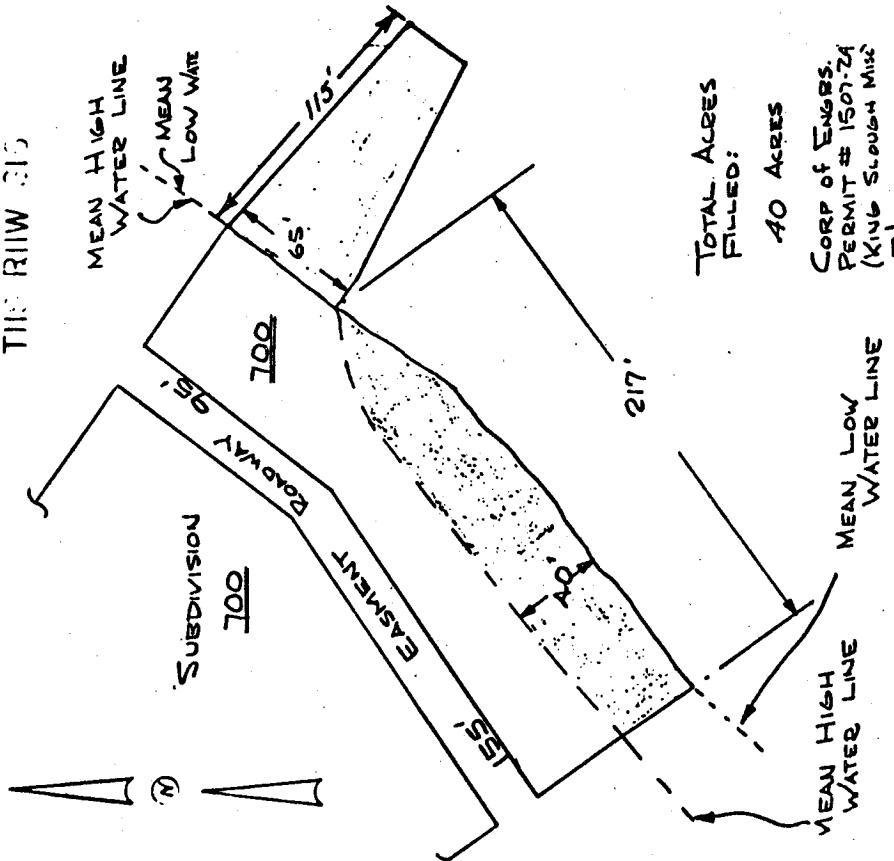


TOTAL FILLED AREA:
.02 ACRES

SCALE: 1"=100'

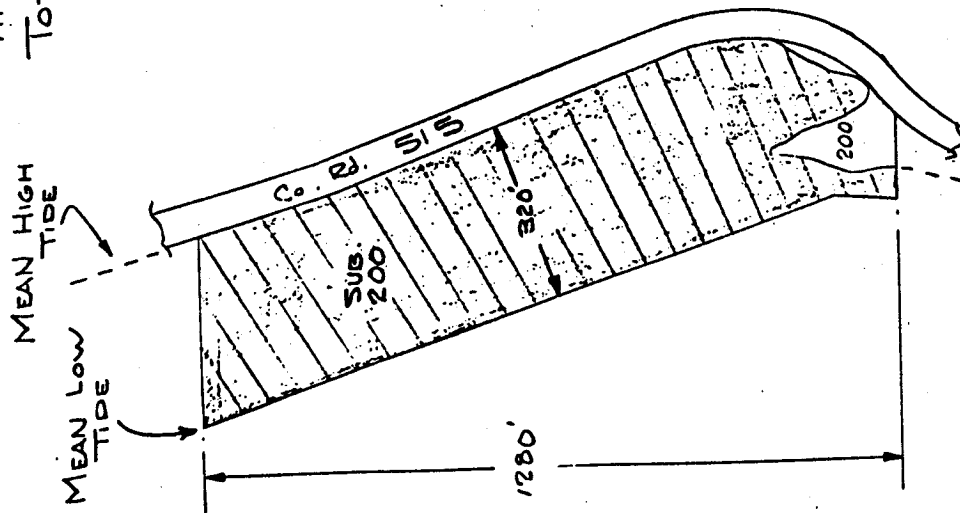
Parcel #6 Idaho Point, Subdivision 800
Owner: Carl Lynn
Construction Dates: July 1961 To Dec 1966.
Constructed For Use As Boat Slip
Currently Zoned Urban Industrial

THIS RIW S15



Parcel #5 Idaho Point, Subdivision 700
Owner: Ivan Leek
Construction Dates: Aug 1969 To Aug 1970
Constructed For Use As Small Boat Moorage
Currently Zoned Urban Industrial

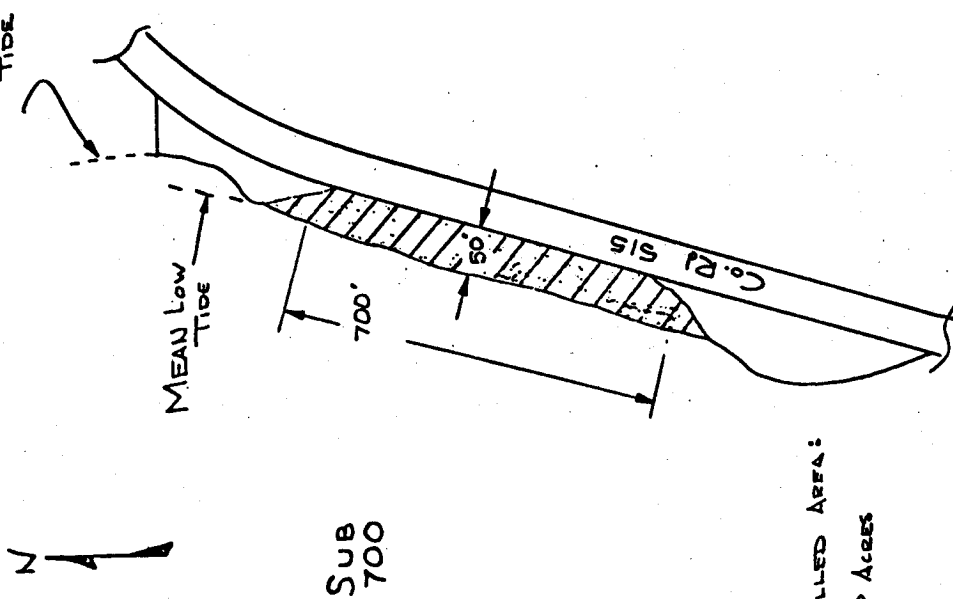
TIS RIW 922A
TOTAL FILLED AREA:
8.80 ACRES



SCALE: 1" = 200'

Parcel #7 Coquille Point, Subdivision 200
Owner: Roy Sawyer
Construction Dates: March 1967 To Dec 1969
No Apparent Use For Fill At Present
Currently Zoned Urban Residential

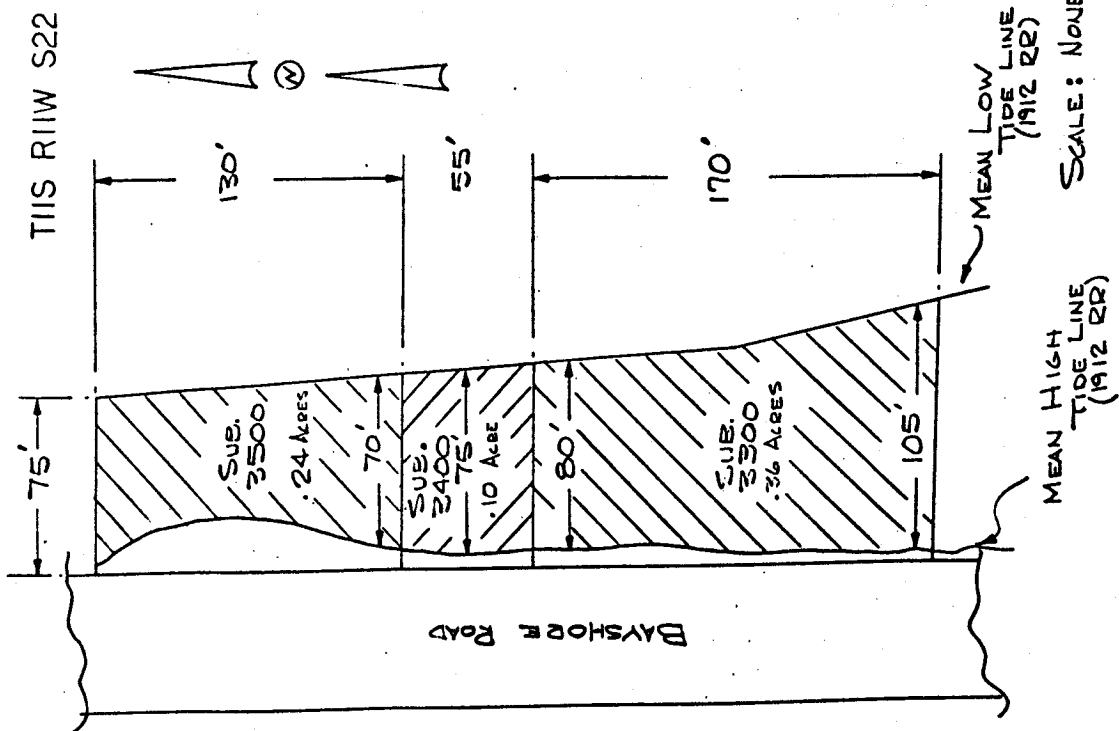
TIS RIW 922



TOTAL FILLED AREA:
.80 ACRES

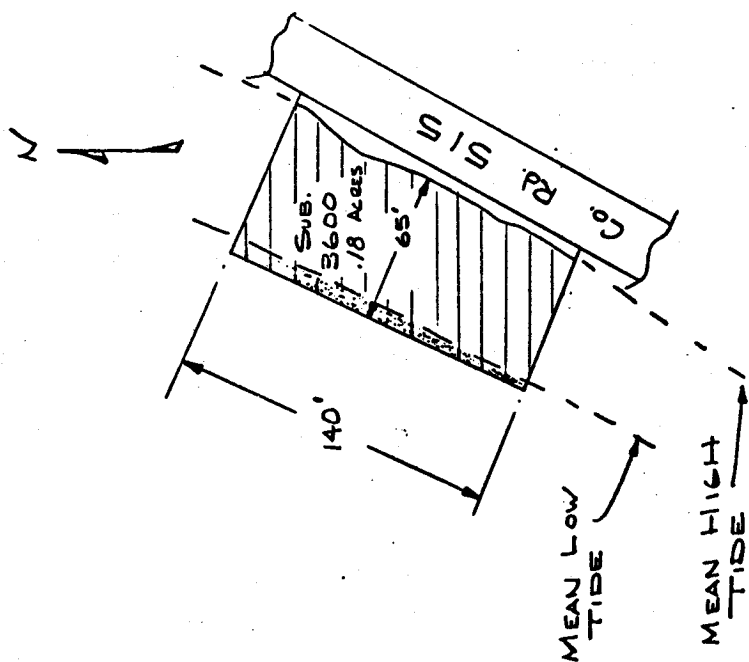
Parcel #8 Subdivision 700
Owner: Roy Sawyer
Construction Dates: 1966 To 1970
Constructed For Use As Marine Railway And Dry Dock
Currently Zoned Urban Industrial And Urban Residential

TIIS RIW S22



Parcel 19 Wiser Point, Subdivision 3300, 3400, 3500
 Owners: 3300, 3400 - A. Maxwell, 3500 - K. Miller
 Construction Dates: April 1959 To April 1960
 Constructed For Property Extension
 Currently Zoned Urban Industrial

TIIS RIW S22

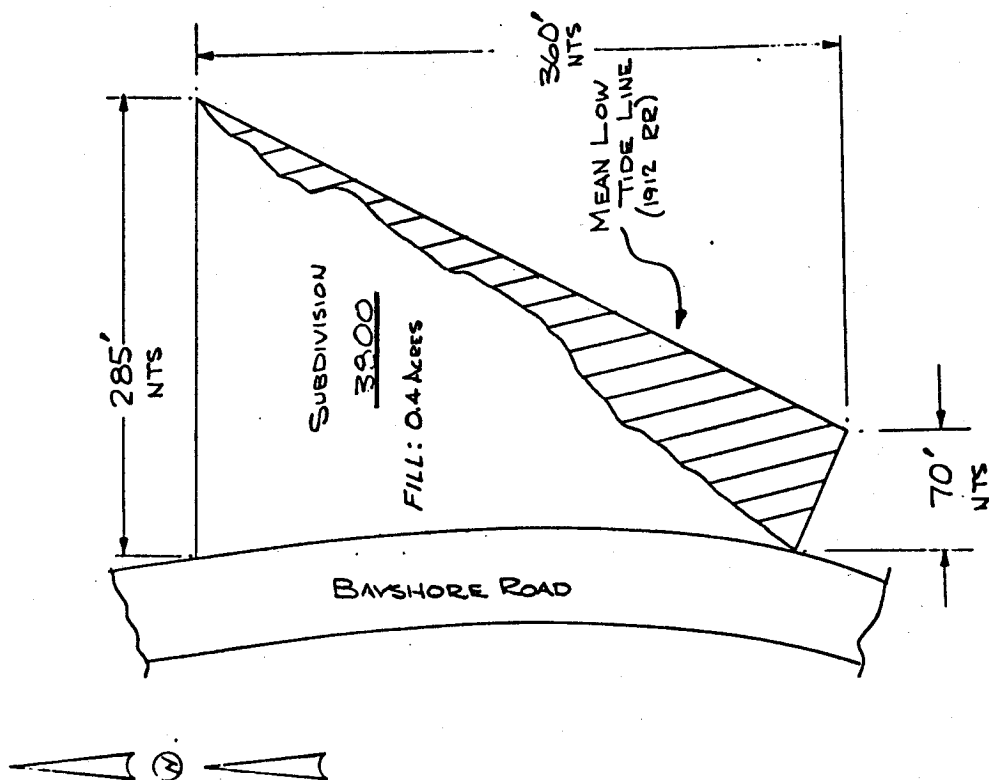


TOTAL FILLED AREA:
 .18 ACRES

NO SCALE

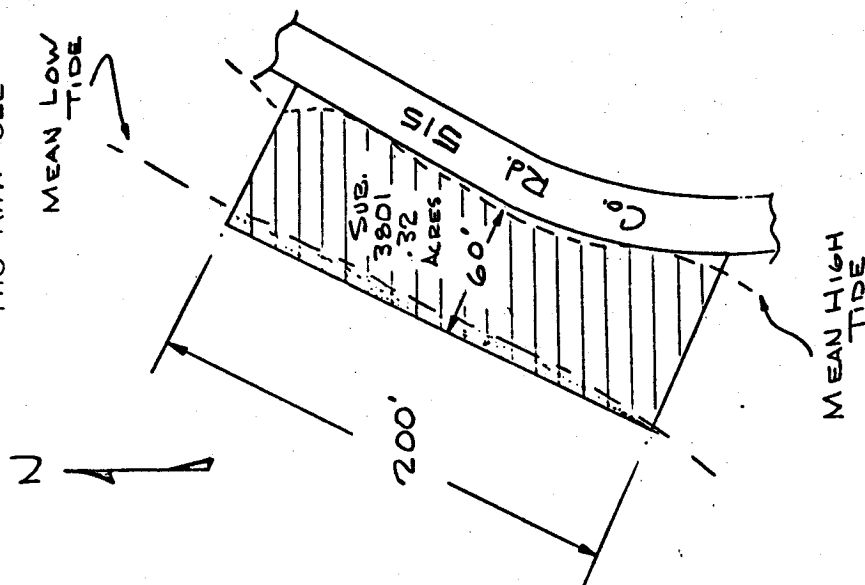
Parcel 19 Wiser Point, Subdivision 3600
 Owner: R. Christenson
 Construction Dates: Unknown
 Constructed For Use As A Boat Moorage
 Currently Zoned Urban Industrial

TIIS RIW S22



Parcel #9 Wiser Point, Subdivision 3800
 Owner: R. Christenson
 Construction Dates: May 1959 To Sep 1961
 Constructed For Property Extension And Boat Moorage
 Currently Zoned Urban Industrial

TIIS RIW S22



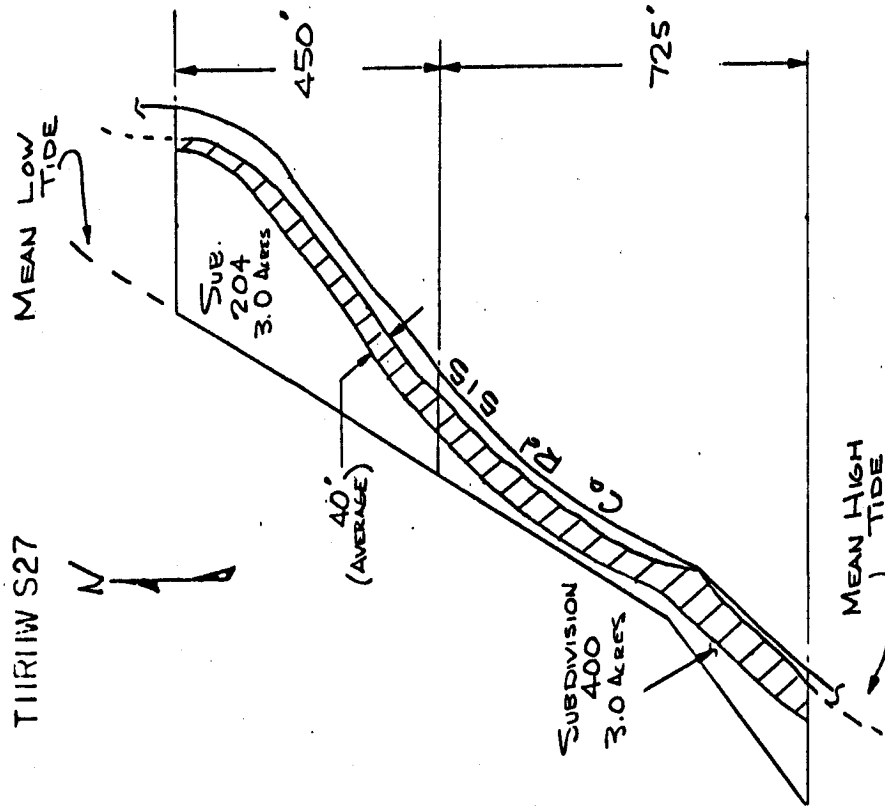
TOTAL FILLED AREA 3

.27 ACRES

NO SCALE

Parcel #9 Wiser Point, Subdivision 3801
 Owner: BaySide Marine Works
 Construction Dates: Unknown
 Constructed For Use As Marine Repair Shop
 Currently Zoned Urban Commercial

THIRTY S27



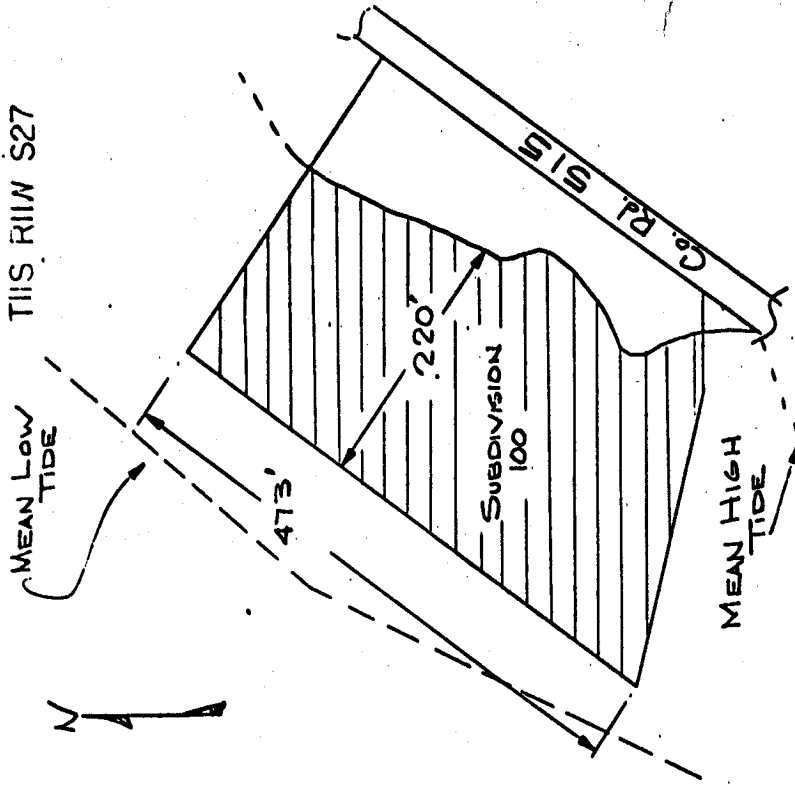
TOTAL FILLED AREA:

1.30 ACRES

No SCALE

Parcel #10 Subdivision 204 And 400
Owner: Doctor Cassell
Construction Dates: April 1964 To Present Date
Constructed For Use As A Marina
Currently Zoned Urban Residential

THIRTY S27

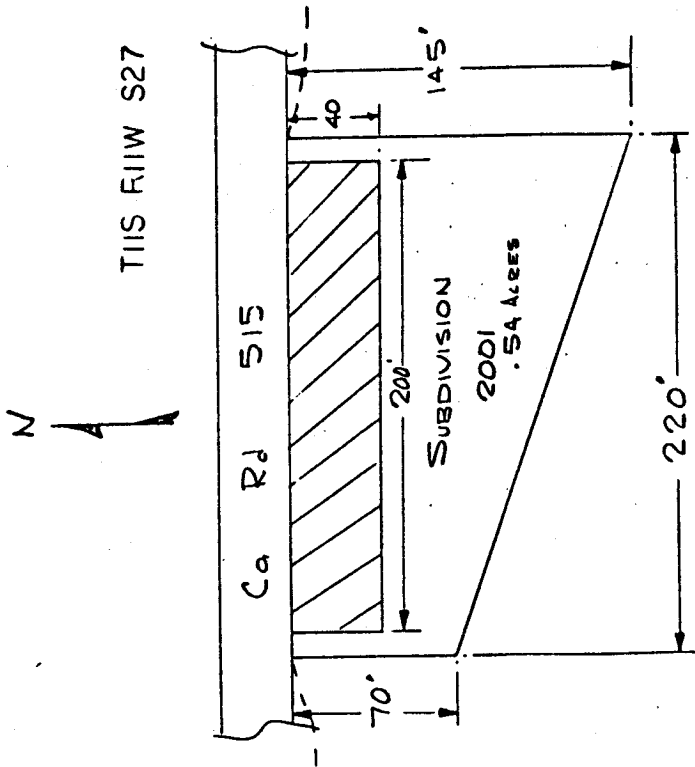


TOTAL FILLED AREA:

2.14 ACRES

No SCALE

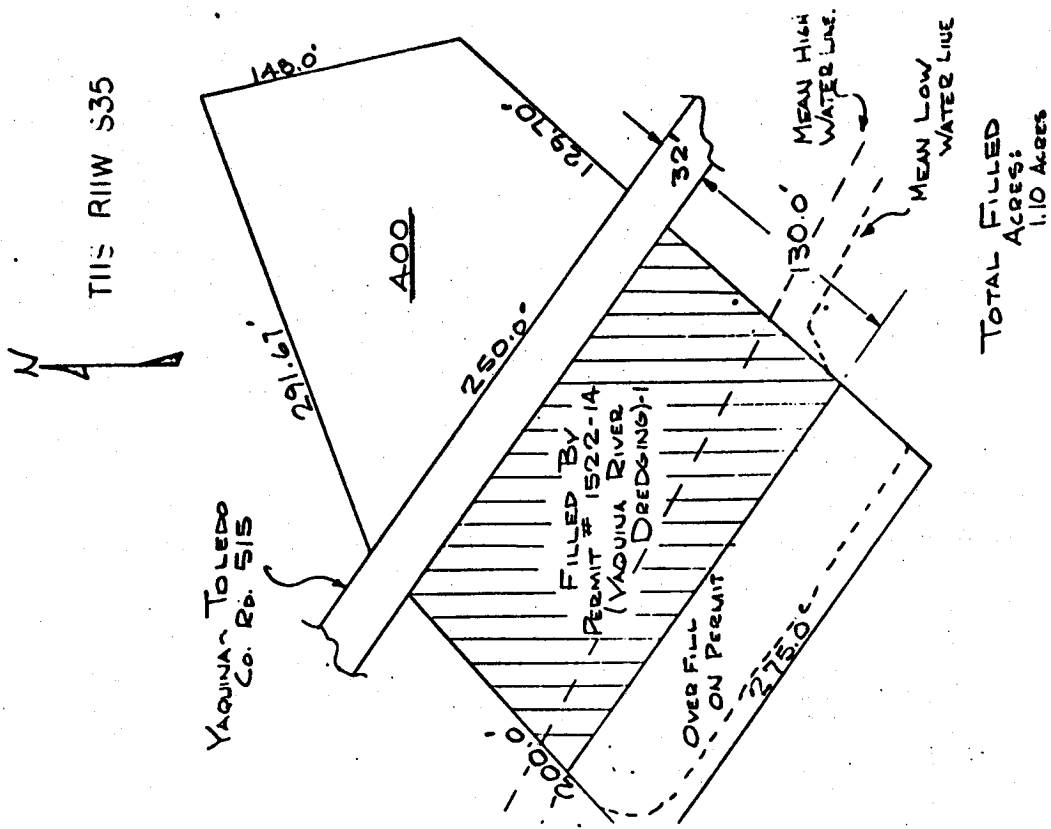
Parcel #11 Subdivision 100
Owner: Dunfry Inc.
Construction Dates: Unknown
Constructed For Apparent Property Extension
Currently Zoned Urban Commercial



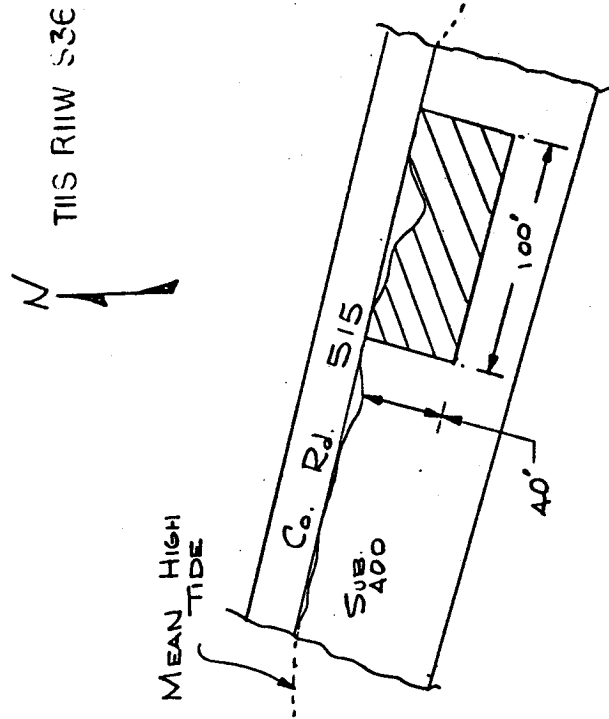
TOTAL FILLED AREA:
.20 Acres

No Scale

Parcel #13 Winant Point, Subdivision 2001
Owner: Dr. Cassell
Construction Dates: April 1964 To Dec 1967
Constructed For Floating Landing And Dwelling
Currently Zoned Urban Commercial



Parcel #14 Subdivision 400
Owner: Gerald E. James
Construction Dates: Dec 1972 To Feb 1972
Constructed For Possible Use As Small Boat Moorage
Currently Zoned Residential River Front

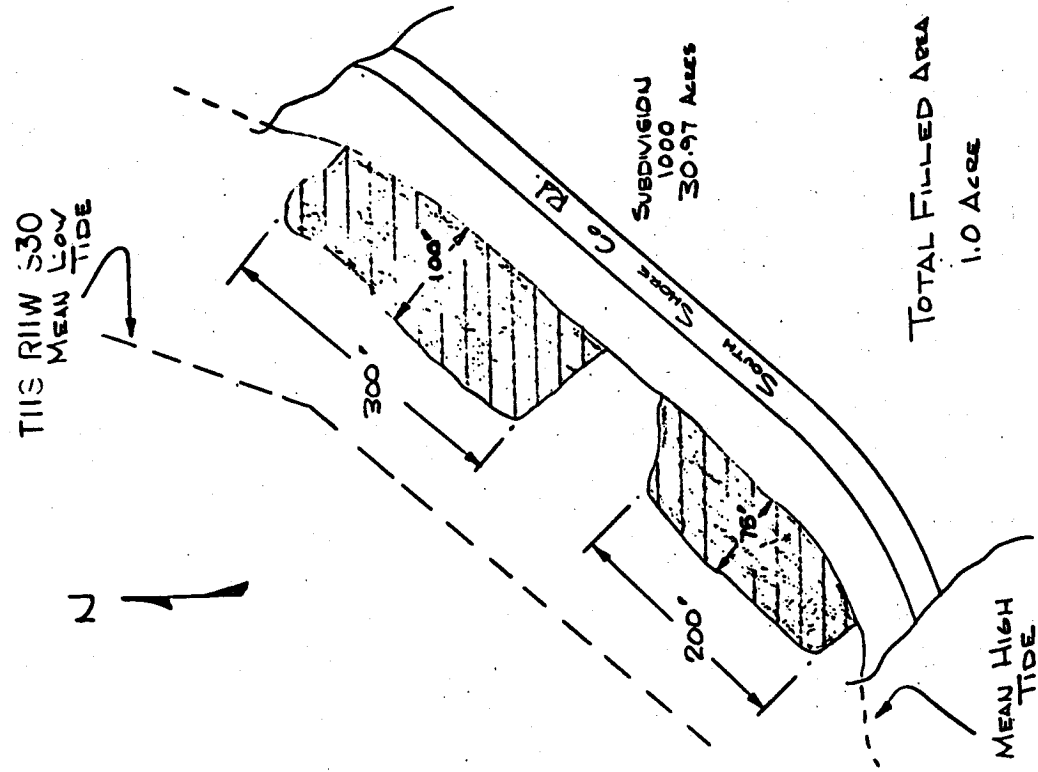


TOTAL FILLED AREA:

0.1 Acre

No Scale

Parcel #15 Fowlers Yaquina Oysters, Subdivision 400
 Owner: George Fowler
 Construction Dates: Unknown
 Constructed For Commercial Building
 Currently Zoned Suburban Commercial Lake Front



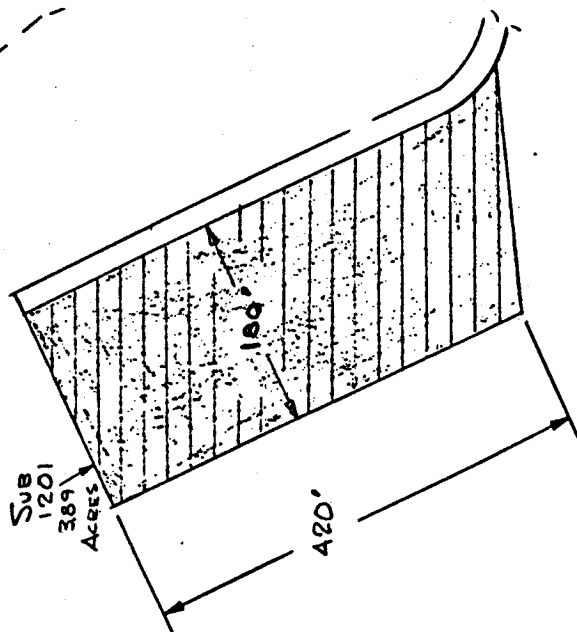
TOTAL FILLED AREA
 1.0 Acre

SUBDIVISION
 1000
 30.97 Acres

Parcel #16 Subdivision 1000
 Owner: Cascadia Lumber Company
 Construction Dates: Unknown
 Constructed For Use As A Log Dump
 Currently Zoned Suburban Residential

TIRIO S20 MEAN HIGH TIDE (1918 EE)

N



TOTAL FILLED AREA:
389 Acres

Parcel #17 Toledo Public Boat Ramp, Subdivision 1201
Owner: Port Of Toledo
Construction Dates: Unknown
Constructed For Use As A Boat Ramp
Currently Zoned Suburban Commercial Lake Front

APPENDIX C
CHARTS AND MAPS

