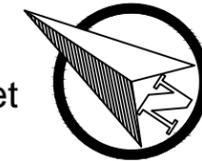
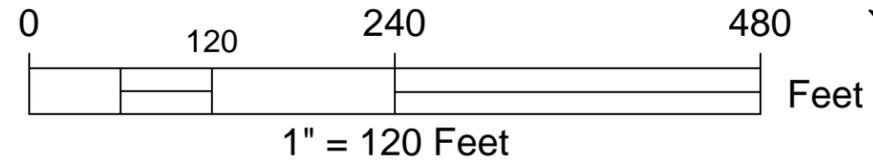


VEGETATION MAINTENANCE PLAN

LACAMAS SHORES HOME OWNERS ASSOCIATION
 VEGETATION PLAN MANAGES VEGETATION WITHIN
 MEADOWLANDS PARK. NO CHANGES TO THE
 STORMWATER SYSTEM ARE PROPOSED.

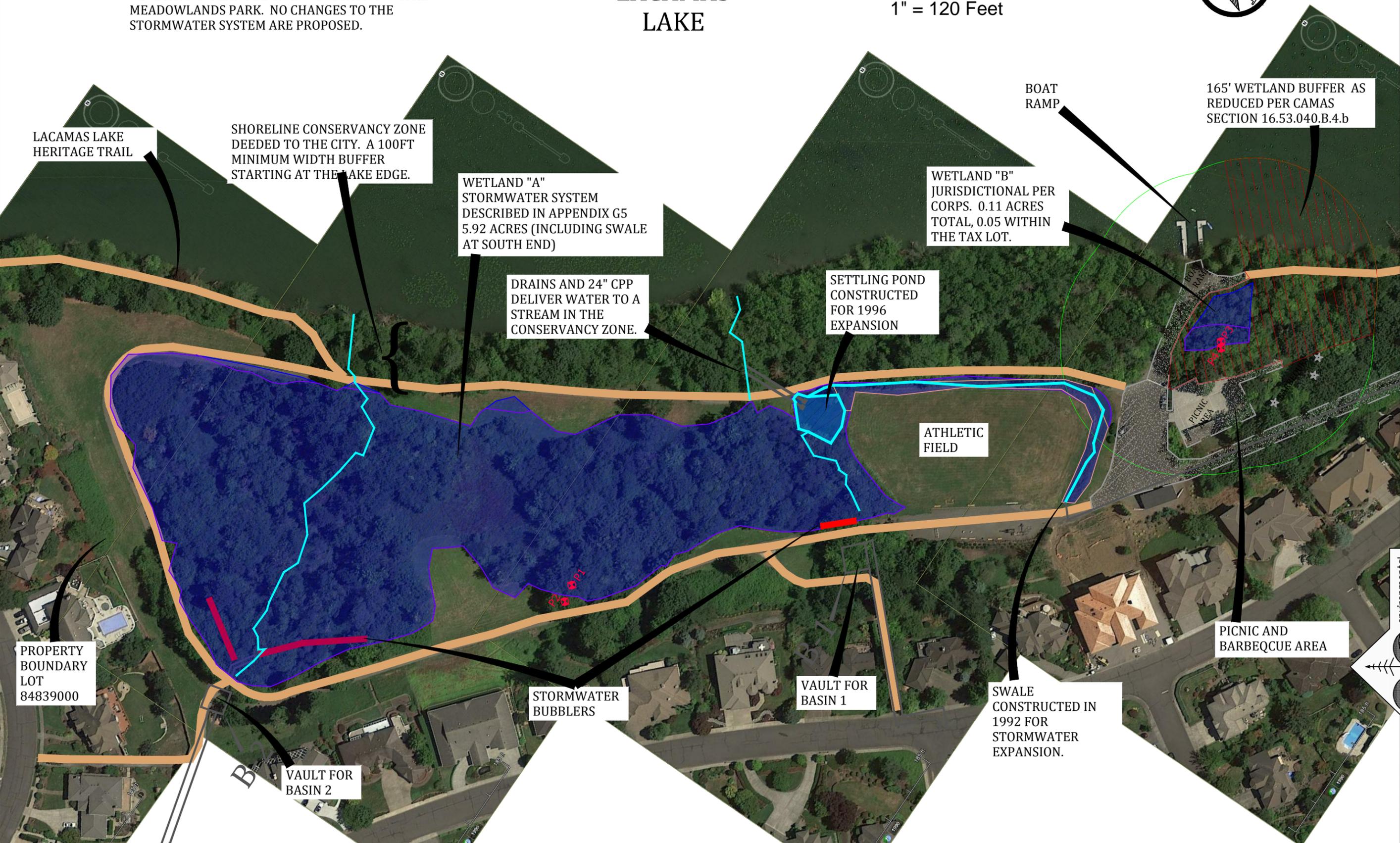
**LACAMAS
 LAKE**



REVISIONS

LACAMAS SHORES
 HOME OWNERS ASSN

MEADOWLANDS PARK
 WETLANDS AND
 STORMWATER SYSTEMS



LACAMAS LAKE
 HERITAGE TRAIL

SHORELINE CONSERVANCY ZONE
 DEEDED TO THE CITY. A 100FT
 MINIMUM WIDTH BUFFER
 STARTING AT THE LAKE EDGE.

WETLAND "A"
 STORMWATER SYSTEM
 DESCRIBED IN APPENDIX G5
 5.92 ACRES (INCLUDING SWALE
 AT SOUTH END)

DRAINS AND 24" CPP
 DELIVER WATER TO A
 STREAM IN THE
 CONSERVANCY ZONE.

SETTLING POND
 CONSTRUCTED
 FOR 1996
 EXPANSION

WETLAND "B"
 JURISDICTIONAL PER
 CORPS. 0.11 ACRES
 TOTAL, 0.05 WITHIN
 THE TAX LOT.

BOAT
 RAMP

165' WETLAND BUFFER AS
 REDUCED PER CAMAS
 SECTION 16.53.040.B.4.b

ATHLETIC
 FIELD

PICNIC
 AREA

PROPERTY
 BOUNDARY
 LOT
 84839000

VAULT FOR
 BASIN 2

STORMWATER
 BUBBLERS

VAULT FOR
 BASIN 1

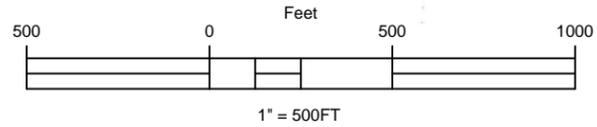
SWALE
 CONSTRUCTED IN
 1992 FOR
 STORMWATER
 EXPANSION.

PICNIC AND
 BARBEQUE AREA

environmental
 technology
 consultants

PO Box 821185
 Vancouver, WA 98682
 360-696-4403

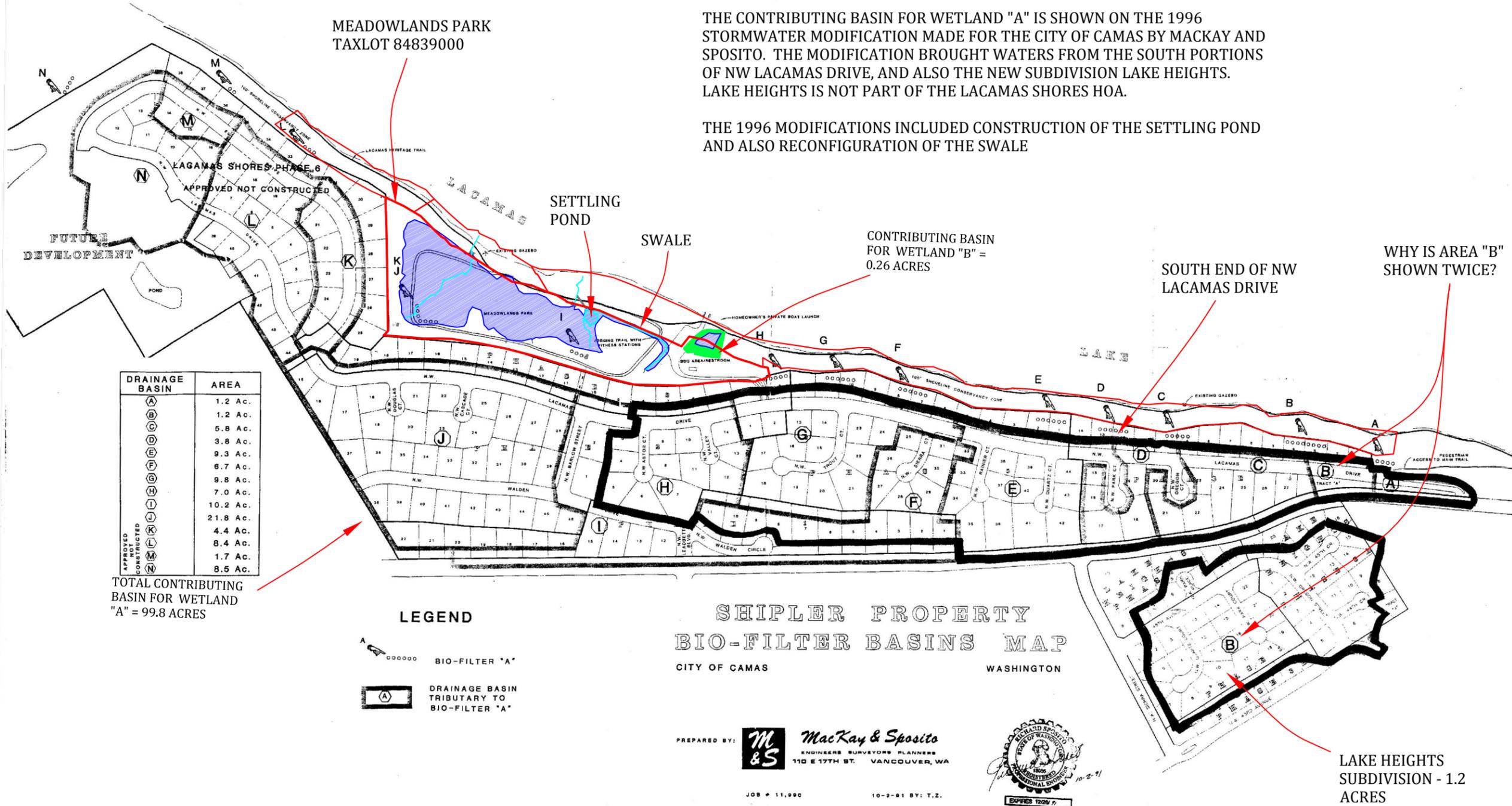
DATE	DEC 2016
SCALE	NOTED
DRAWN	JHM
JOB	EVA15006
SHEET	1
DF	5 SHEETS



MEADOWLANDS PARK
TAXLOT 84839000

THE CONTRIBUTING BASIN FOR WETLAND "A" IS SHOWN ON THE 1996 STORMWATER MODIFICATION MADE FOR THE CITY OF CAMAS BY MACKAY AND SPOSITO. THE MODIFICATION BROUGHT WATERS FROM THE SOUTH PORTIONS OF NW LACAMAS DRIVE, AND ALSO THE NEW SUBDIVISION LAKE HEIGHTS. LAKE HEIGHTS IS NOT PART OF THE LACAMAS SHORES HOA.

THE 1996 MODIFICATIONS INCLUDED CONSTRUCTION OF THE SETTLING POND AND ALSO RECONFIGURATION OF THE SWALE



DRAINAGE BASIN	AREA
A	1.2 Ac.
B	1.2 Ac.
C	5.8 Ac.
D	3.8 Ac.
E	9.3 Ac.
F	6.7 Ac.
G	9.8 Ac.
H	7.0 Ac.
I	10.2 Ac.
J	21.8 Ac.
K	4.4 Ac.
L	8.4 Ac.
M	1.7 Ac.
N	8.5 Ac.

TOTAL CONTRIBUTING BASIN FOR WETLAND "A" = 99.8 ACRES

LEGEND

- BIO-FILTER "A"
- DRAINAGE BASIN TRIBUTARY TO BIO-FILTER "A"

**SHIPLER PROPERTY
BIO-FILTER BASINS MAP**
CITY OF CAMAS WASHINGTON

PREPARED BY: **M & S** MacKay & Sposito
ENGINEERS SURVEYORS PLANNERS
110 E 17TH ST. VANCOUVER, WA

JOB # 11,990 10-2-81 BY: T.Z.



WHY IS AREA "B" SHOWN TWICE?

LAKE HEIGHTS
SUBDIVISION - 1.2
ACRES

REVISIONS

LACAMAS SHORES
HOME OWNERS ASSN

CONTRIBUTING BASIN - FOR
ANSWERS TO RATING FORM
QUESTIONS D4.3 AND 5.3

environmental
technology
consultants



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Vancouver, WA 98682
360-696-4403

DATE DEC 2016

SCALE NOTED

DRAWN JHM

JOB EVA15006

SHEET

3

OF 5 SHEETS

MAP OF 303D WATERS IN THE CAMAS WASHINGTON AREA. FROM THE WASHINGTON DEPT OF ECOLOGY.

February 13, 2017



Assessed Waters/Sediment

- Water
- Category 5 - 303d
 - Category 4C
 - Category 4B
 - Category 4A
 - Category 2
 - Category 1
- Sediment
- Category 5 - 303d
 - Category 4C
 - Category 4B
 - Category 4A
 - Category 2
 - Category 1

TMDL LIST FOR CLARK COUNTY WASHINGTON.

Waterbody Name	Pollutants	Status	TMDL Lead
Burnt Bridge Creek	Multi-parameter	Under development	Brett Raunig 360-690-4660
Gibbons Creek	Fecal Coliform	EPA approved Has an implementation plan	Brett Raunig 360-690-4660
Gifford Pinchot USFS	Temperature	On hold	Tony Whiley 360-407-7241
Lacamas Creek	Dissolved Oxygen Fecal Coliform pH Temperature	Under development	Brett Raunig 360-690-4660
Lewis River, E. Fork	Fecal Coliform Temperature	Under Development	Brett Raunig 360-690-4660
Salmon Creek	Fecal Coliform Turbidity	EPA approved Has an implementation plan	Brett Raunig 360-690-4660
	Temperature	EPA approved Has an implementation plan	
Weaver Creek	Ammonia-N BOD (5-day)	EPA approved	Brett Raunig 360-690-4660

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, ME TI, Esri China (Hong Kong), swisstopo, MapmyIndia, ©



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LACAMAS SHORES HOME OWNERS ASSN

FOR ANSWERS TO RATING FORM QUESTIONS H2.1, H2.2, H2.3

environmental technology consultants



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DATE DEC 2016

SCALE ARBITRARY

DRAWN JHM

JOB EVA15006

SHEET

5

OF 5 SHEETS