



US Army Corps
of Engineers
Seattle District

Public Notice of Application for Permit

Regulatory Branch

Post Office Box 3755
Seattle, Washington 98124-3755
Telephone (206) 764-36915
ATTN: Anne Robinson, Project Manager

Public Notice Date: December 1, 2003
Expiration Date: December 30, 2003
Reference: 200100920
Name: Clark County Public Works

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 404 of the Clean Water Act for certain work described below and shown on the enclosed drawings.

APPLICANT - Clark County Public Works
Post Office Box 9810
Vancouver, Washington 98666-9810
Attn: Mr. Phil Gaddis
(360) 397-6118 ext. 4865

LOCATION - In eight separate wetlands along 2.4 miles of Northeast 162nd Avenue from Northeast 39th Street to Northeast Ward Road, in Clark County, Washington. The project is located in Sections 1,12,13, Township 2 North, Range 2 East.

WORK - Applicant proposes to place fill in 1.50 acres of depressional wetlands while widening and improving Northeast 162nd Avenue. Of the total wetland impact, 0.38 of an acre of fill is in the Lacamas watershed, and 1.12 acres are in the Burnt Bridge Creek watershed.

Impacted Wetlands by Vegetation Type

Wetland Type	Lacamas	Burnt Bridge	Total
Forested (PFO)	0.14	0.08	0.22
Scrub/Shrub (PSS)	0.05		0.05
Emergent (PEM)	0.19	1.04	1.23
Total Wetland	0.38 acre	1.12 acres	1.50 acres

Impacted Wetlands by Watershed

Wetland	Watershed	Wetland Impact (acres)	Wetland Acreage (approx)
1 (PEM)	Lacamas	0.04	1
2 (PFO)	Lacamas	0.07	2
3 PFO/PEM	Lacamas	0.01 / 0.12	1.15 (Proposed Mitigation Site)
4 (PFO)	Lacamas	0.06	1.6
5 (PFO)	Burnt Bridge	0.08	1.0
6 (PSS)	Lacamas	0.05	5 +
7 (PEM)	Burnt Bridge	1.04	500 +/-
8 (PEM)	Lacamas	0.03	20 +

1.66 acres of wetland buffer will also be impacted: 1.22 acres in Lacamas Creek Watershed and 0.44 of an acre in Burnt Bridge Creek Watershed.

PURPOSE – The purpose of this project is to improve safety and increase traffic mobility on Northeast 162nd Avenue.

ADDITIONAL INFORMATION – Applicant will minimize wetland impacts in sensitive areas by eliminating the center turn lane and one of the detached sidewalks. Applicant has avoided and/or minimized impacts to wetlands in the design of the stormwater management system, the roadway and the sidewalks and the use of retaining walls (Figure 5). Applicant will treat and infiltrate stormwater runoff from 180% of new impervious surfaces in two separate systems. Federal Highway Administration is federal lead agency for this project.

MITIGATION – Applicant proposes to fill 1.50 acres of wetlands in two watersheds, the Lacamas Creek and the Burnt Bridge Creek watersheds. Applicant proposes to provide two mitigation sites, one in each of the two watersheds. Mitigation proposed for the Lacamas Creek Watershed is as follows:

Wetland Impacts (acres)	Mitigation Type	Mitigation Area (acres)
PFO (0.14)	Preservation	1.15
	Enhancement	0.15
PSS (0.05)	Enhancement	0.20
PEM (0.19)	Enhancement	0.72
Total		2.22

This mitigation site is located with wetland 3 (Figure 8) in the Northeast quadrant of 162nd Avenue and Fourth Plain Road. Mitigation includes preservation and enhancement of mature Oregon ash/forested wetland, converting degraded agricultural wetland into forested wetland, removal of non-native invasive weed infestations, and adding habitat structures.

Mitigation proposed for the Burnt Bridge Creek Watershed is in the Thomas Wetland (U.S. Army Corps of Engineers Reference Number 200200920) site. Because this is an isolated (non-jurisdictional) wetland, Clark County did not require a U.S. Army Corps of Engineers (Corps) permit to impact the site for mitigation activities for restoration and enhancement. The County did coordinate with the Corps regarding the possibility of using the improved site as mitigation for wetland impacts from a future project. The Corps does not consider this request contrary to the usual mitigation sequencing, and is reviewing the applicability of using this site as advanced mitigation for this specific project.

Wetland Impacts (acres)	Mitigation Type	Mitigation Area (acres)
PFO (0.08)	Creation	0.16
PEM (1.04)	Creation	0.59
	Restoration	0.28
	Enhancement	2.42
Total		3.45

This mitigation project is designed to improve water quantity management and water quality conditions, while providing habitat restoration and enhancement. Applicant proposes to enhance the hydrology and restore 3.45 acres of degraded agricultural wetland.

In addition, as mitigation for buffer impacts of 1.66 acres, applicant proposes to restore forest to 2.43 acres of upland pasture.

See sheets 8 and 9 for overviews of each mitigation site. A Wetland Mitigation Plan is available on request.

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ENDANGERED SPECIES – The Endangered Species Act of 1973 (ESA), as amended, requires assessment of potential impacts to listed and proposed species. A Biological Evaluation (BE) was prepared for U.S. Fish & Wildlife Service (USFWS) May 1999. On August 16, 1999, USFWS concurred with a determination of “no effect” for bald eagles. Following re-consultation on newly listed species, USFWS concurred, on January 11, 2001, with a determination of “may affect, not likely to adversely affect” for bull trout. A BE was prepared for National Marine Fisheries Service (NMFS), dated May 1999. On December 23, 1999, NMFS concurred with an effect determination of “may affect, not likely to adversely affect” for Puget Sound Chinook. No further consultation is necessary.

ESSENTIAL FISH HABITAT - The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). EFH for Pacific salmon, Groundfish, Coastal Pelagic Species occurs in the project area. The proposed action would not impact EFH for these species. The Federal Highway Administration as the lead agency for a determination regarding EFH will consult with the National Marine Fisheries Services if necessary

CULTURAL RESOURCES - A corridor study coordinated through the State Historic Preservation Office indicated one potential site of historical/cultural significance, however the survey team did not find any physical evidence of the site remaining during field reconnaissance. The corridor study did not indicate the presence of any other specific cultural resources.

The District Engineer invites responses to this public notice from Federal, State, and local agencies, historical and archeological societies, Indian tribes, and other parties likely to have knowledge of or concerns with historic properties in the area.

PUBLIC HEARING - Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION - The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

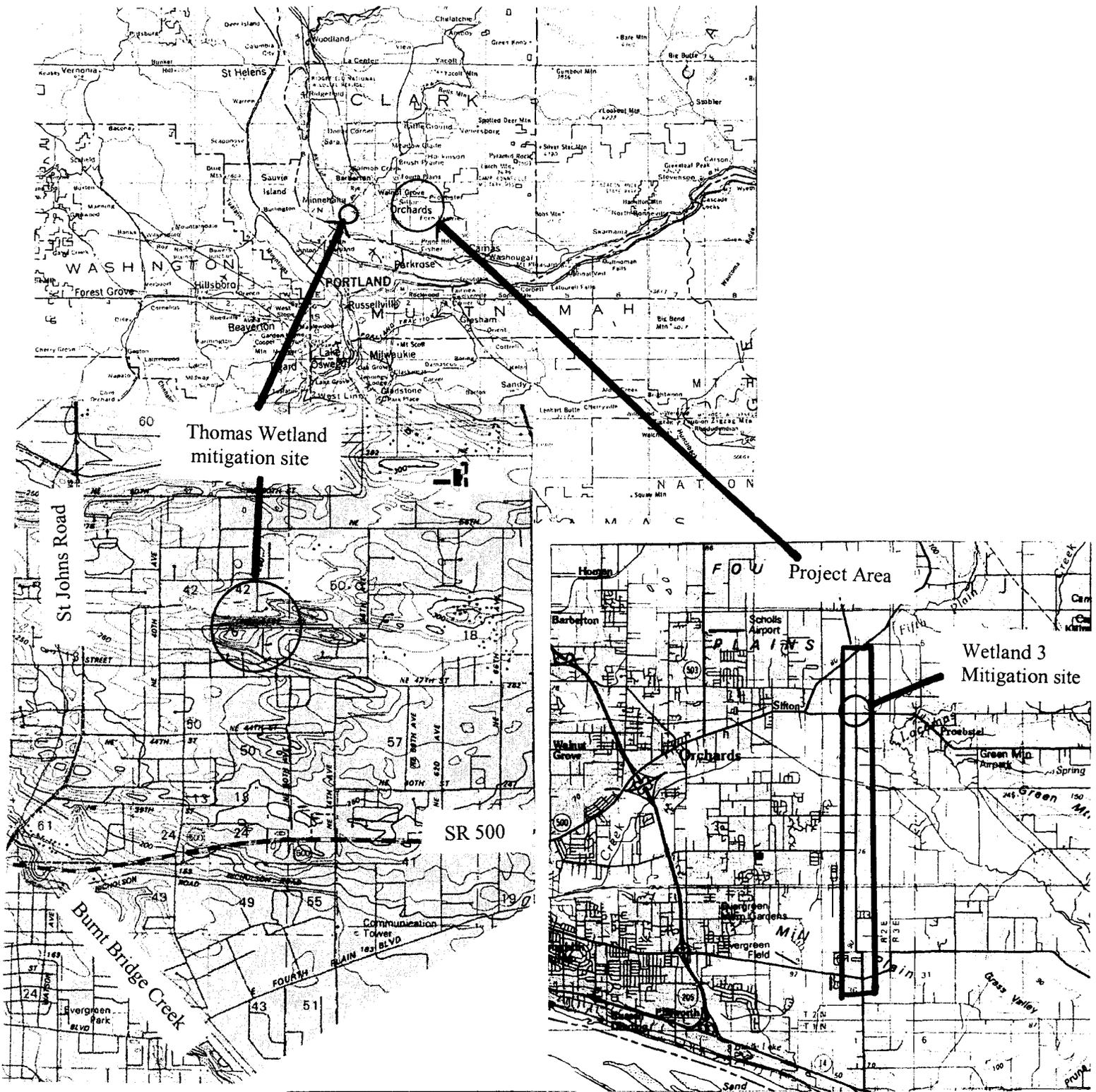
2001009202

COMMENT AND REVIEW PERIOD - Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. All e-mail comments should be sent to Anne.M.Robinson@nws02.usace.army.mil. Conventional mail comments should be sent ATTN: Regulatory Branch. Both conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration. Please include the following name and reference number:

Clark County Department of Public Works, 200100920

Encl
Drawings (10)

Vicinity Map



PURPOSE: Improve safety and multimodal traffic capacity.

DATUM: NGVD 29

ADJACENT PROPERTY OWNERS: See list in file.

APPLICANT: Clark County Public Works

REFERENCE: 200100920

LOCATION: At locations along NE 162nd Avenue, east of Vancouver, WA.

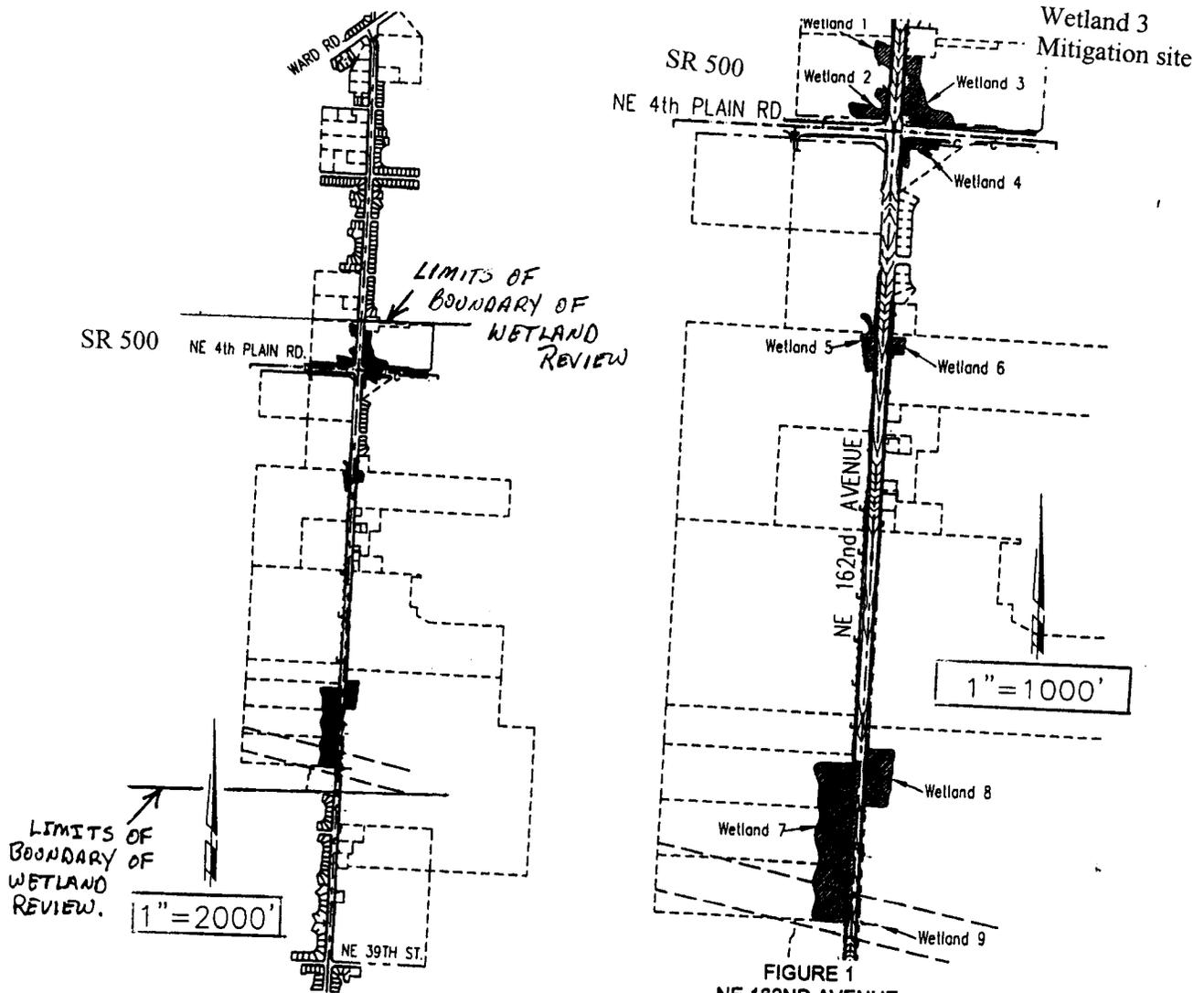
COUNTY: Clark County

PROPOSED: Place fill in 1.50 acres of wetlands for road widening.

DATE: 11/17/03

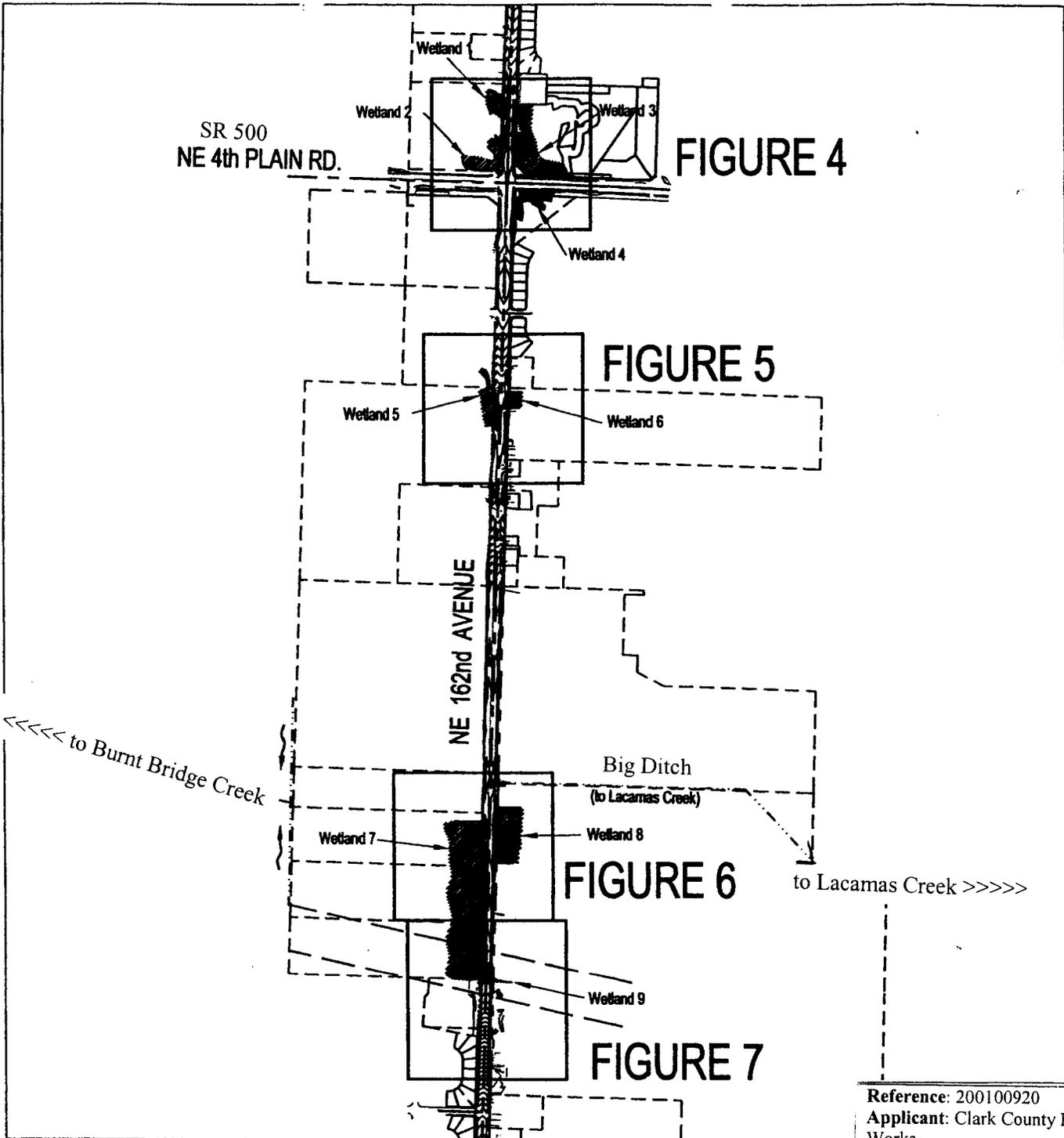
Sheet 1 of 10

Project Area Wetland/Impact Map



Application by: Clark Co. Public Works Reference: 2001-4-00920
 Proposed: NE 162nd Ave. Project
 Purpose: Improve Traffic Safety
 At: Vancouver, WA
 Sheet 1
 Date: [REDACTED]

Reference: 200100920
 Applicant: Clark County Public Works
 Proposed: Place fill in 1.50 ac. of wetlands for road widening.
 At: NE 162nd Avenue, Clark County, Washington
 Date: 11/17/03
 Sheet 2 of 10



Reference: 200100920
Applicant: Clark County Public Works
Proposed: Place fill in 1.50 ac. of wetlands for road widening.
At: NE 162nd Avenue, Clark County, Washington
Date: 11/17/03
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FIGURE 3
NE 162ND AVENUE
WETLANDS OF THE PROJECT AREA

1" = 1000'


Application by: Clark Co. Public Works **Reference:** 2001-4-00920
Proposed: NE 162nd Ave. Project
Purpose: Improve Traffic Safety
At: Vancouver, WA
Sheet 3

Date ~~11/17/03~~

Wetland/upland boundary verified to delineation boundary only. Lines outside the boundary are approximate.

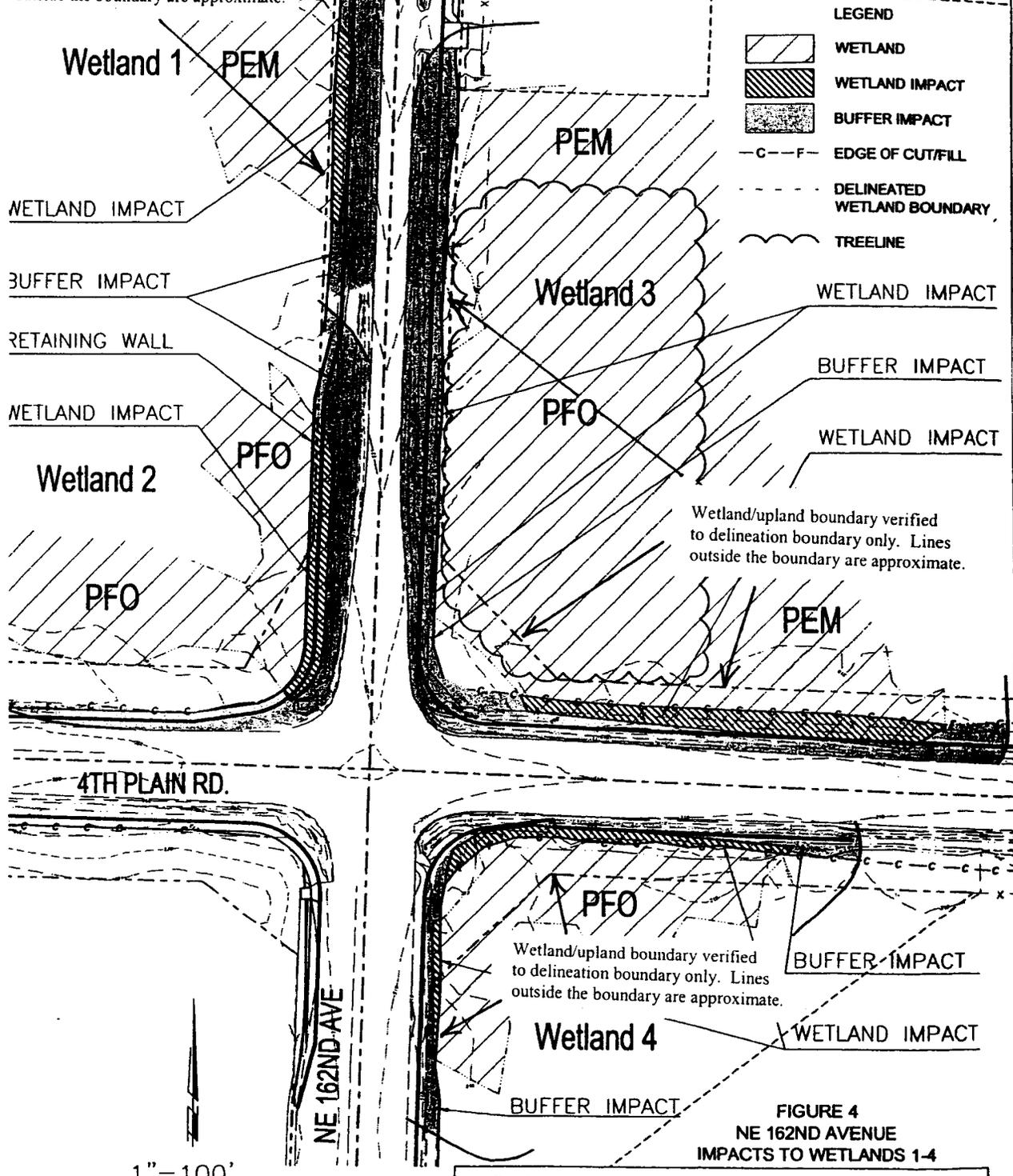


FIGURE 4
NE 162ND AVENUE
IMPACTS TO WETLANDS 1-4

Reference: 200100920
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Application by: Clark Co. Public Works Reference: 2001-4-00920
 Proposed: NE 162nd Ave. Project
 Purpose: Improve Traffic Safety
 At: Vancouver, WA
 Sheet 4

FIGURE 4

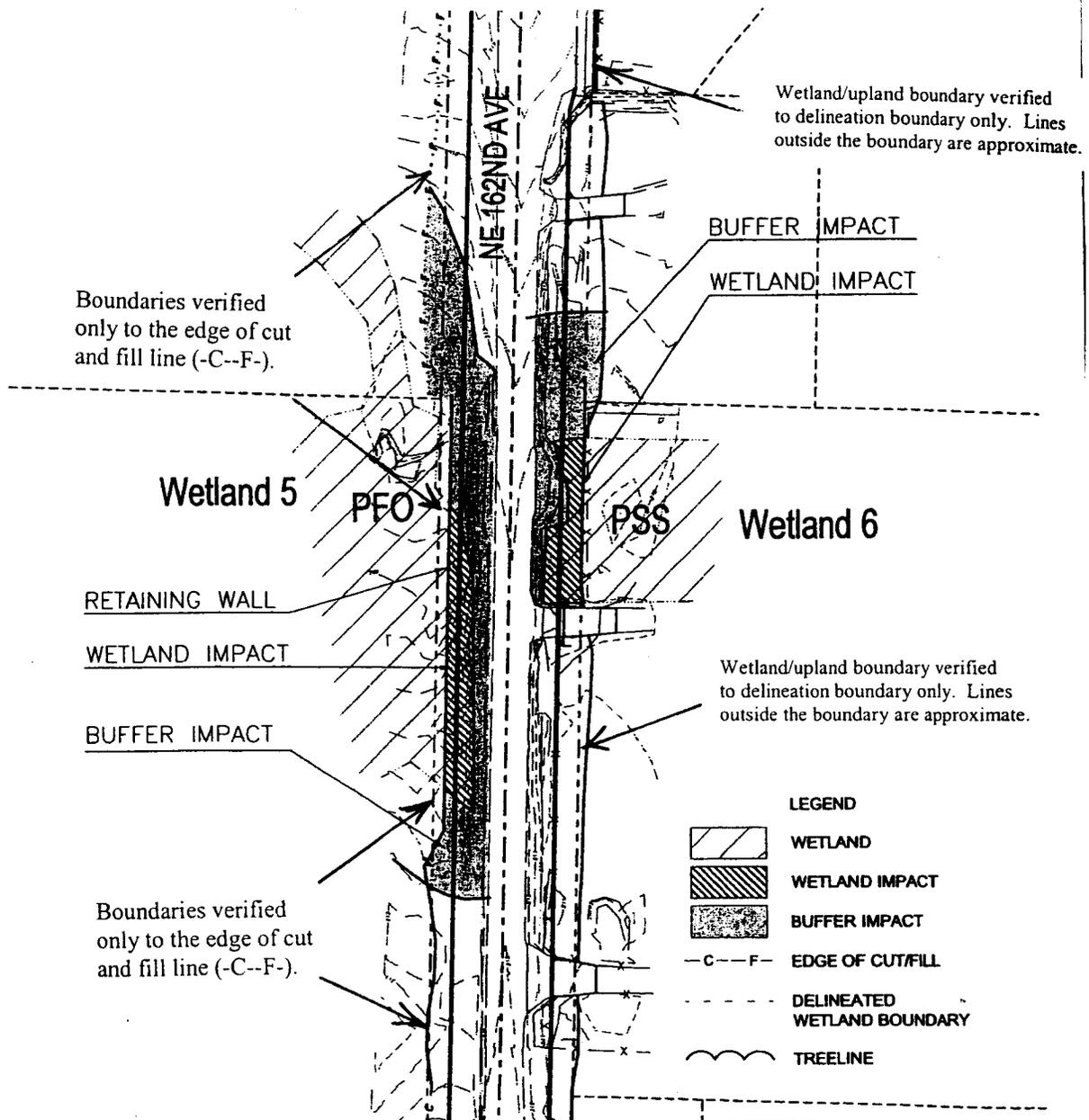


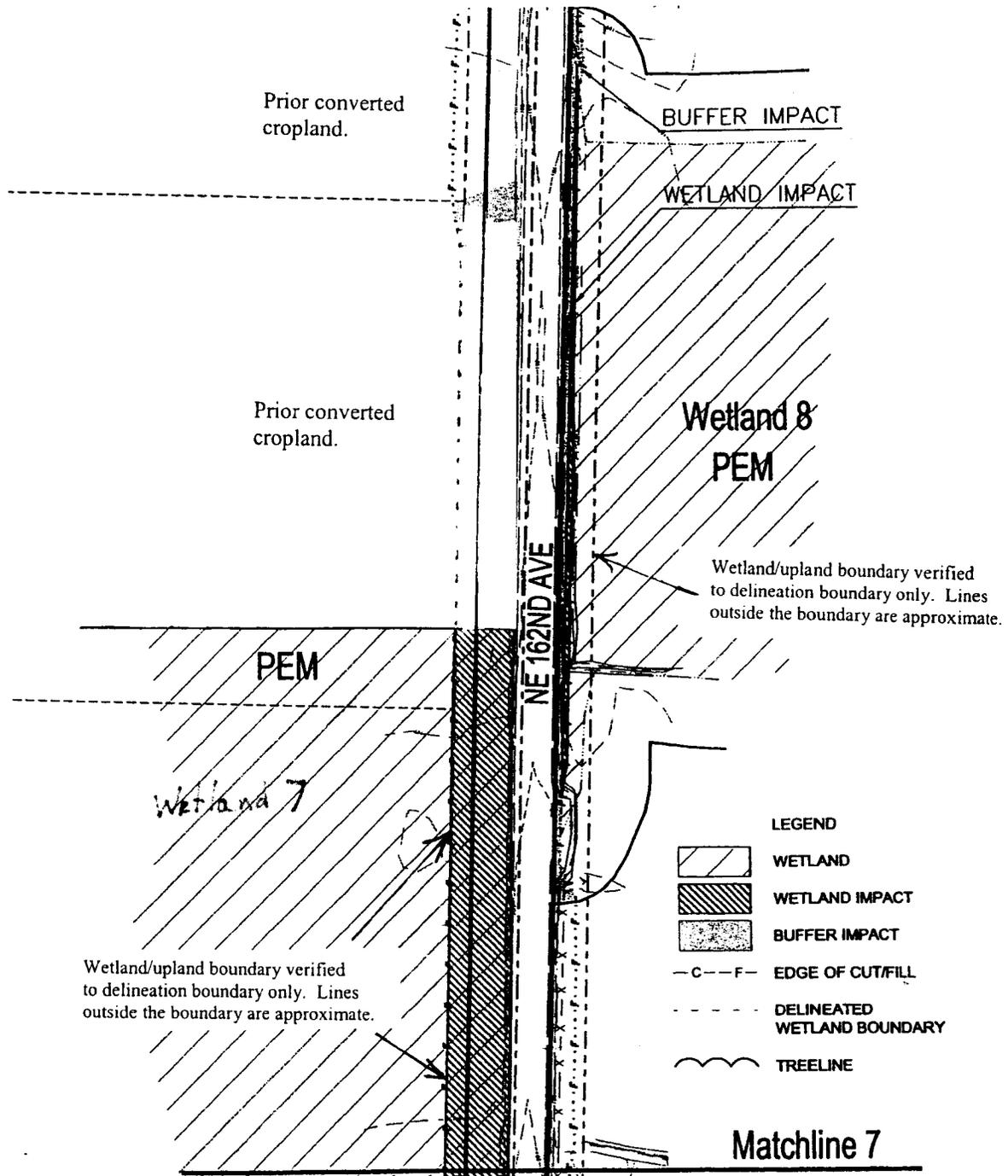
FIGURE 5
NE 162ND AVENUE
IMPACTS TO WETLANDS 5 AND 6

Application by: Clark Co. Public Works Reference: 2001-4-00920
 Proposed: NE 162nd Ave. Project
 Purpose: Improve Traffic Safety
 At: Vancouver, WA
 Sheet 5

1" = 100'

FIGURE 5

Reference: 200100920
 Applicant: Clark County Public Works
 Proposed: Place fill in 1.50 ac. of wetlands for road widening.
 At: NE 162nd Avenue, Clark County, Washington
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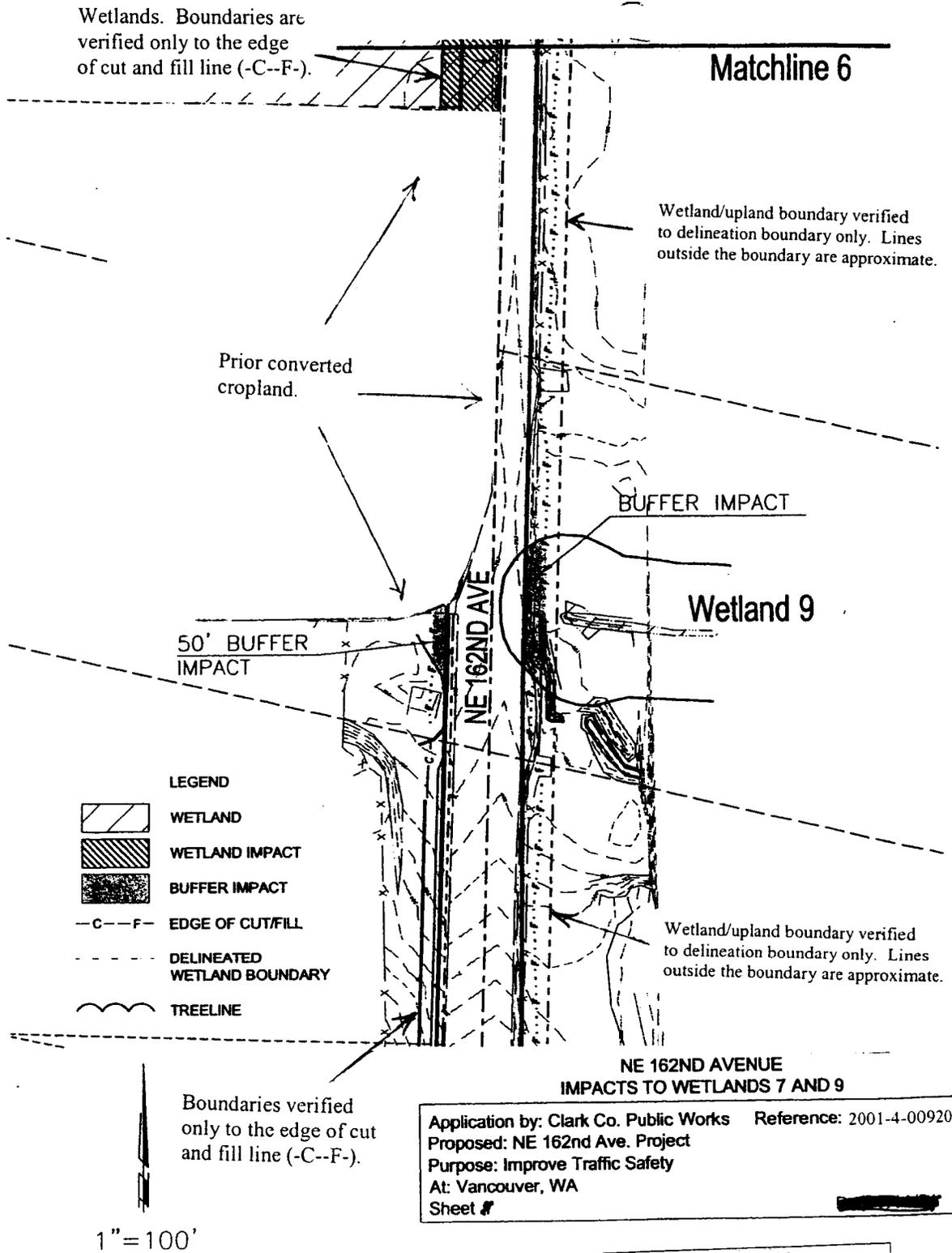
1" = 100'

FIGURE 6
NE 162ND AVENUE
IMPACTS TO WETLANDS 7 AND 8

Application by: Clark Co. Public Works Reference: 2001-4-00920
 Proposed: NE 162nd Ave. Project
 Purpose: Improve Traffic Safety
 At: Vancouver, WA
 Sheet 6

Reference: 200100920
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 At: NE 162nd Avenue, Clark County, Washington
 Date: 11/17/03
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FIGURE 6



- LEGEND**
-  WETLAND
 -  WETLAND IMPACT
 -  BUFFER IMPACT
 - C--F- EDGE OF CUT/FILL
 - - - - DELINEATED WETLAND BOUNDARY
 -  TREELINE

FIGURE 7

Reference: 200100920
 Applicant: Clark County Public Works
 Proposed: Place fill in 1.50 ac. of wetlands for road widening.
 At: NE 162nd Avenue, Clark County, Washington
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(REFERENCE ONLY – SEE MITIGATION PLAN)

Wetland 3 – proposed mitigation
in Lacamas Creek Watershed

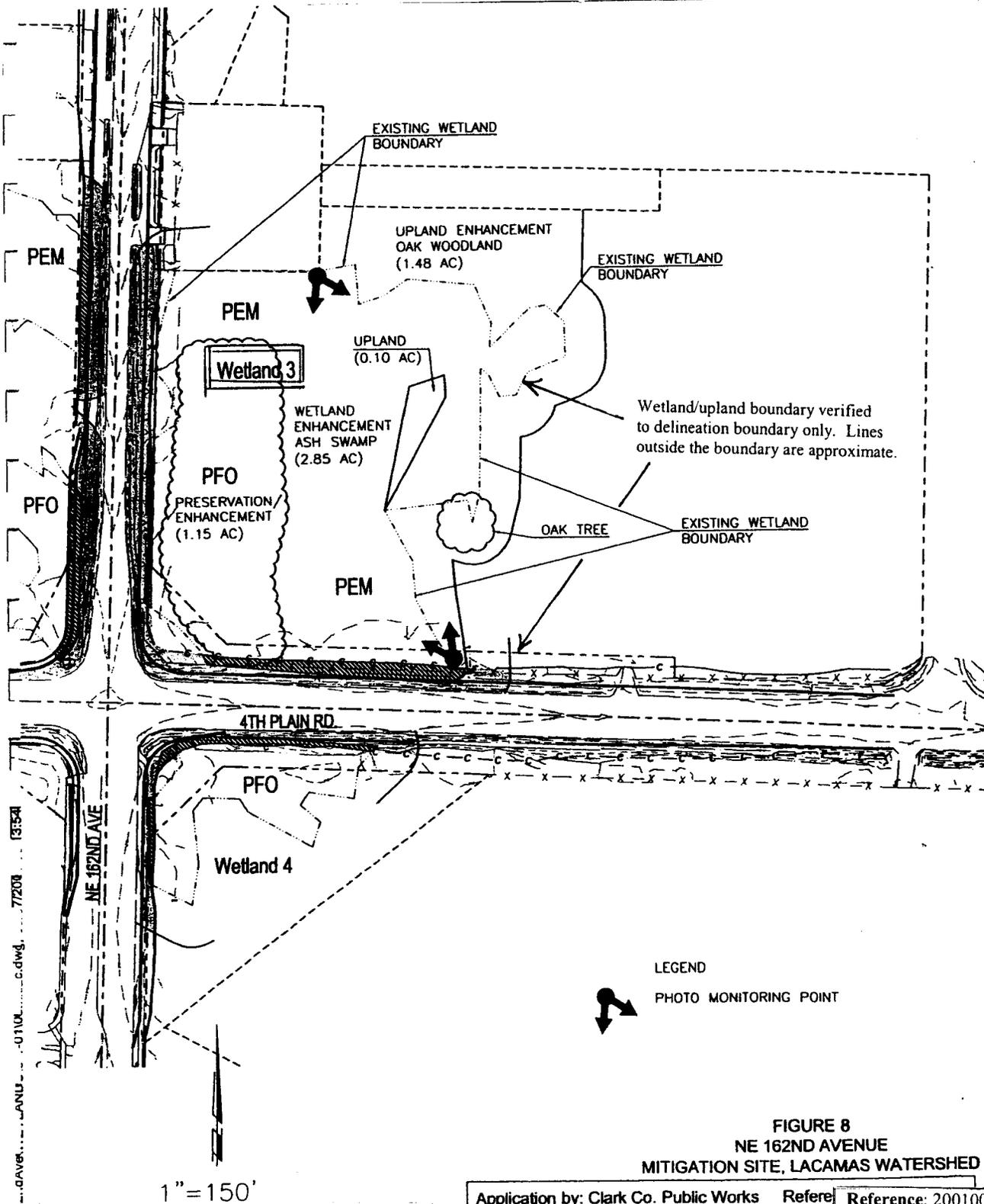
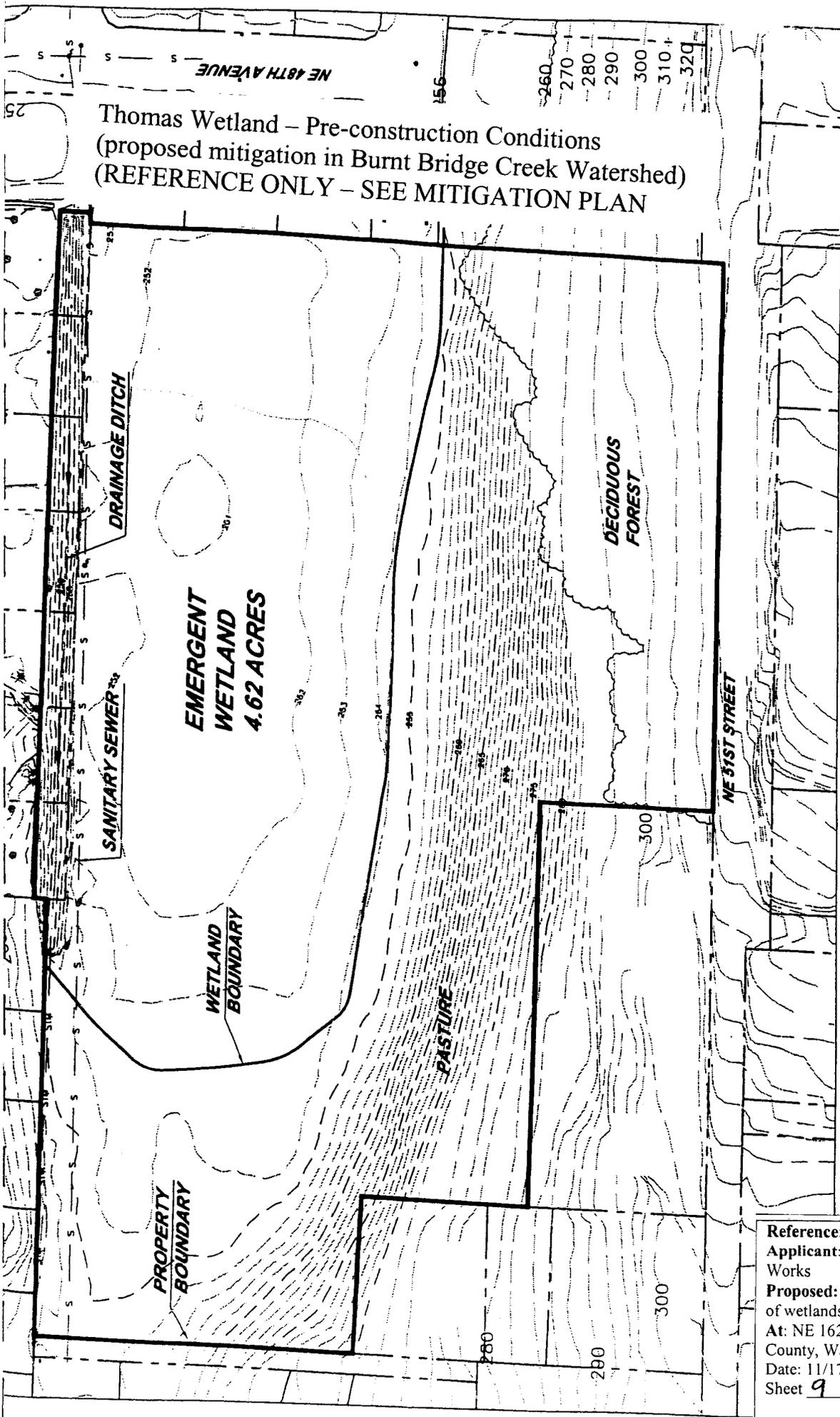


FIGURE 8
NE 162ND AVENUE
MITIGATION SITE, LACAMAS WATERSHED

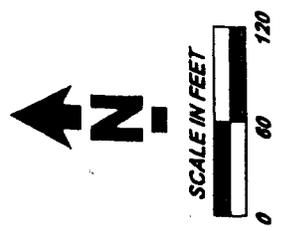
Application by: Clark Co. Public Works	Reference: 200100920
Proposed: NE 162nd Ave. Project	Applicant: Clark County Public Works
Purpose: Improve Traffic Safety	Proposed: Place fill in 1.50ac. of wetlands for road widening.
At: Vancouver, WA	At: NE 162nd Avenue, Clark County, Washington
	Date: 11/17/03
	Sheet 8 of 10



Thomas Wetland – Pre-construction Conditions
 (proposed mitigation in Burnt Bridge Creek Watershed)
 (REFERENCE ONLY – SEE MITIGATION PLAN)

Application by: Clark Co. Public Works
 Reference: 28229
 Proposed: Thomas Wetland Mitigation Plan
 In: Clark County, WA
 Sheet 5 of 8

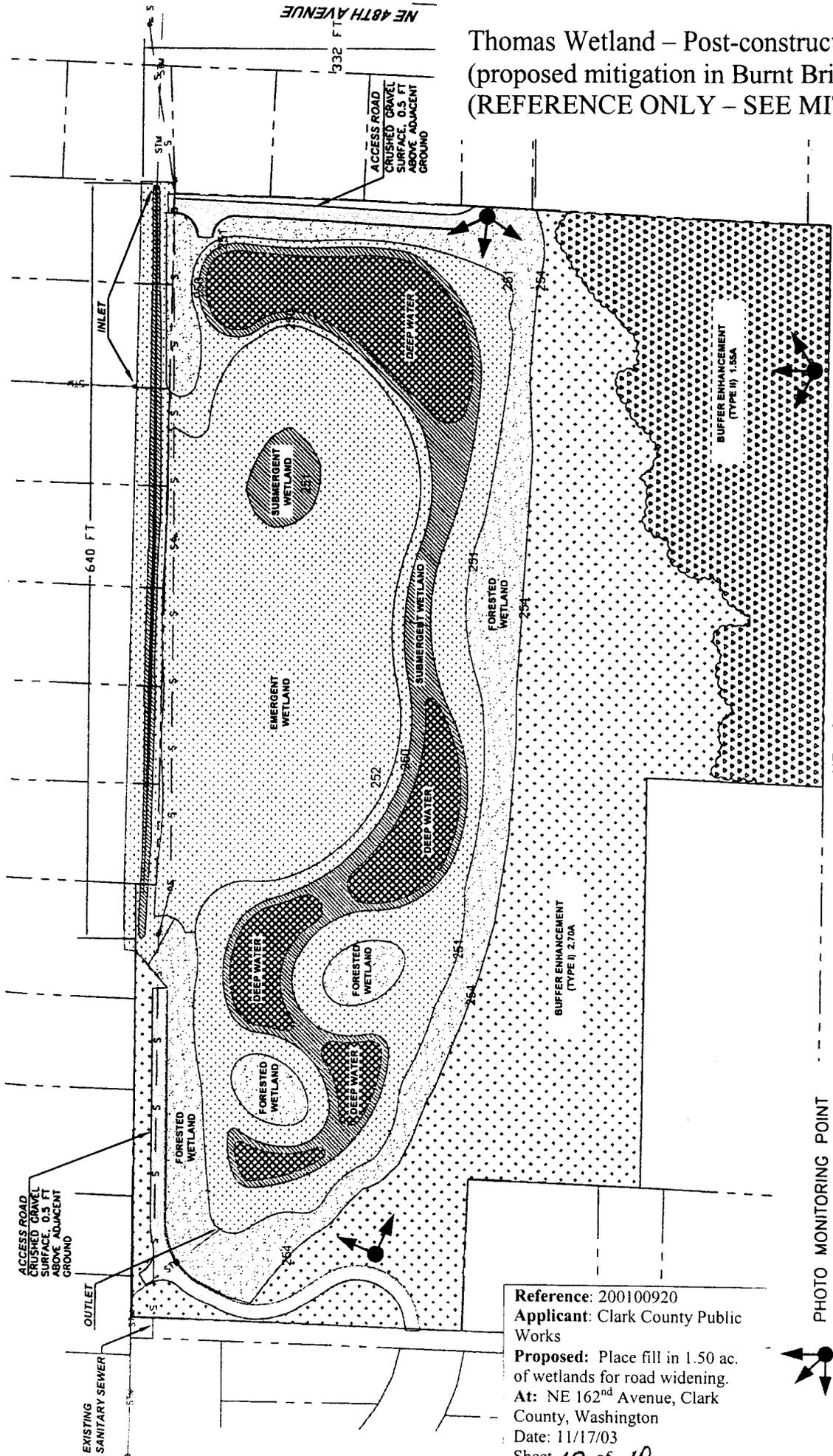
Date: [REDACTED]



Reference: 200100920
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 At: NE 162nd Avenue, Clark County, Washington
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CLARK COUNTY WASHINGTON

Thomas Wetland – Post-construction Conditions
 (proposed mitigation in Burnt Bridge Creek Watershed)
 (REFERENCE ONLY – SEE MITIGATION PLAN)



PROPOSED HABITAT AREAS
 Application by: Clark Co. Public Works
 Reference: 28229
 Proposed: Thomas Wetland Mitigation Plan
 In: Clark County, WA

Date



- PHOTO MONITORING POINT
- DEEP WATER
 - SUBMERGENT WETLAND
 - EMERGENT WETLAND
 - FORESTED WETLAND

Reference: 200100920
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 At: NE 162nd Avenue, Clark County, Washington
 Date: 11/17/03
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STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

*P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006*

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Notice of Application for
Water Quality Certification

Date: December 1, 2003

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200100920 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Any person desiring to present views on the project pertaining to compliance with water pollution control laws may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator
Department of Ecology
SEA Program
Post Office Box 47600
Olympia, Washington 98504-7600