



US Army Corps  
of Engineers  
Seattle District



WASHINGTON STATE  
DEPARTMENT OF  
E C O L O G Y

# Joint Public Notice

## Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

**US Army Corps of Engineers**  
Regulatory Branch  
P.O. Box 3755  
Seattle, WA 98124-3755  
Telephone (360) 734-3156  
Attn: Mr. Randel Perry  
Project Manager

**WA Department of Ecology**  
SEA Program  
P.O. Box 47600  
Olympia, WA 98504-7600  
Telephone (360) 407-6068  
Attn: SEA Program  
Federal Permit Coordinator

**Public Notice Date: May 17, 2016**  
**Expiration Date: June 16, 2016**

**Reference No.: NWS-2016-327**  
**Name: Whatcom County Flood**  
**Control Zone District**

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Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the U.S. as described below and shown on the enclosed drawings dated May 5, 2016.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA). Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

**APPLICANT:** Whatcom County Flood Control Zone District  
322 North Commercial Street, Suite 120  
Bellingham, Washington 98225-4042  
Attention: Ms. Paula Harris  
Telephone: (360) 778-6285

**AGENT:** Whatcom County Public Works  
322 North Commercial Street, Suite 110  
Bellingham, Washington 98225-4042  
Attention: Mr. John Thompson  
Telephone: (360) 778-6230

**LOCATION:** In High Creek and abutting wetlands near Deming, Whatcom County, Washington.

**WORK:** Excavate and place fill in 3,000 linear feet of a tributary and excavate in 0.06 acre of wetlands.

**PURPOSE:** Reduce flooding in the vicinity of the High Creek crossing of State Route 542 (SR 542) (Mount Baker Highway). **NOTE:** The proposed sediment collection areas are designed to be maintained annually as part of a regular maintenance program by the Flood Control Zone District/Whatcom County. Future removal of sediments from the collection areas may be authorized under Nationwide Permit 31 (Maintenance of Existing Flood Control Facilities).

**ADDITIONAL INFORMATION:** All work in High Creek will occur when the stream is dry. The applicant proposes to excavate approximately 21,000 cubic yards of accumulated sand and gravel from 3,000 linear feet of

## NWS-2016-327, Whatcom County Flood Control Zone District

High Creek to re-establish channel depths. A tracked excavator with lidded bucket will be used to excavate sediments from the channel. Excess material not used for berm improvements will be immediately loaded into trucks and transported to an upland disposal site. Grade control weirs (20 logs with concrete anchors) will be installed approximately every 200 feet downstream of the SR 542 crossing. The project also involves construction of two in-channel sediment collection areas; one sediment collection area will be installed immediately upstream of the SR 542 bridge and the second will be installed east of the Kendall wetland boundary. The upstream basin (east of SR 542) will be 534 feet long by 39 feet wide with a capacity for 1,952 cubic yards of sediments; the downstream basin (west of SR 542) will be 493 feet long by 32 feet wide with a capacity for 1,125 cubic yards of sediments. A total of 815 cubic yards of light loose rip rap will be placed to maintain bed and bank stability at the upstream end of the weirs in both collection areas. Grade control weirs (logs with concrete anchors) will be installed near the sediment trap inlets and outlets. The existing north and south berms will be modified as necessary to provide consistent top elevations able to convey the 100 year recurrence interval flood. Excavated sediments will be used to repair eroded portions of the berms and to widening the berms at the sediment collections areas. All material placed for berm repairs will be above the ordinary high water line. A channel will be excavated downstream of the lower collection area to re-connect High Creek to Kendall Creek through Wetland A. Large woody debris will be installed in Kendall Creek at and near the re-connected confluence with High Creek. An excavator with lidded bucket will be used to remove approximately 18 cubic yards within the 0.06 acres of the wetland area. All excavated material will be transported to berm areas above the ordinary high water mark and used for berm improvements; unsuitable materials will be removed to an upland disposal site. The re-connected channel will replace the channel formed by the avulsion to the north. No fill will be placed in the existing channel; the channel will be allowed to revert to wetland or wetland buffer. No berms will be placed in the wetland area.

Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District's web page at <http://www.nws.usace.army.mil/> and under the heading Open Public Comment Periods select Regulatory Public Notices. Recently-issued public notices are listed in chronological order of the date of issuance.

**MITIGATION:** All temporarily disturbed wetland outside the wetted perimeter of the re-connected channel will be replanted and temporary wetland buffer impacts will be mitigated on-site by replanting disturbed areas in and adjacent to the wetland buffer. In addition, to compensate for unavoidable permanent loss of wetland acreage, the applicant is proposing to purchase 0.144 credits (1.2:1 ratio) from the Lummi Nation Wetland and Habitat Mitigation Bank.

**ENDANGERED SPECIES:** The Endangered Species Act (ESA) requires Federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. The Corps has determined that the activity may affect endangered or threatened species, or their critical habitat. Consultation under Section 7 of the ESA is required.

**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 NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area. The Corps has determined that the proposed action will not adversely affect designated EFH for federally managed fisheries in Washington waters. No further EFH consultation is necessary.

**CULTURAL RESOURCES:** The Corps has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. The permit area is likely to contain historic properties eligible for inclusion in the National Register. An investigation for the presence of

## **NWS-2016-327, Whatcom County Flood Control Zone District**

eligible historic properties is justified and an archeological survey has been requested. The Corps invites responses to this public notice from Native American Tribes or Tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps will evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Tribes in accordance with Section 106 of the National Historic Preservation Act, as appropriate.

**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 – CORPS:** The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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 Corps is soliciting comments from the public; Native American Nations or Tribal governments; Federal, State, and local agencies and officials; 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.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the U.S.

**SOURCE OF FILL MATERIAL:** The source of the fill material will be native sediments (gravels, etc.) from onsite and large rock from a commercial source.

**EVALUATION – ECOLOGY:** Ecology is soliciting comments from the public; Federal, Native American Nations or Tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

**ADDITIONAL EVALUATION:** This proposal is the subject of Shorelines Substantial Development Permit being processed by Whatcom County Planning and Development Services (reference number SHX 2016-0033).

**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

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reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentator'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.

CORPS COMMENTS: All e-mail comments should be sent to [randel.j.perry@usace.army.mil](mailto:randel.j.perry@usace.army.mil). Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Mr. Randel Perry, P.O. Box 3755, Seattle, Washington 98124-3755. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses.

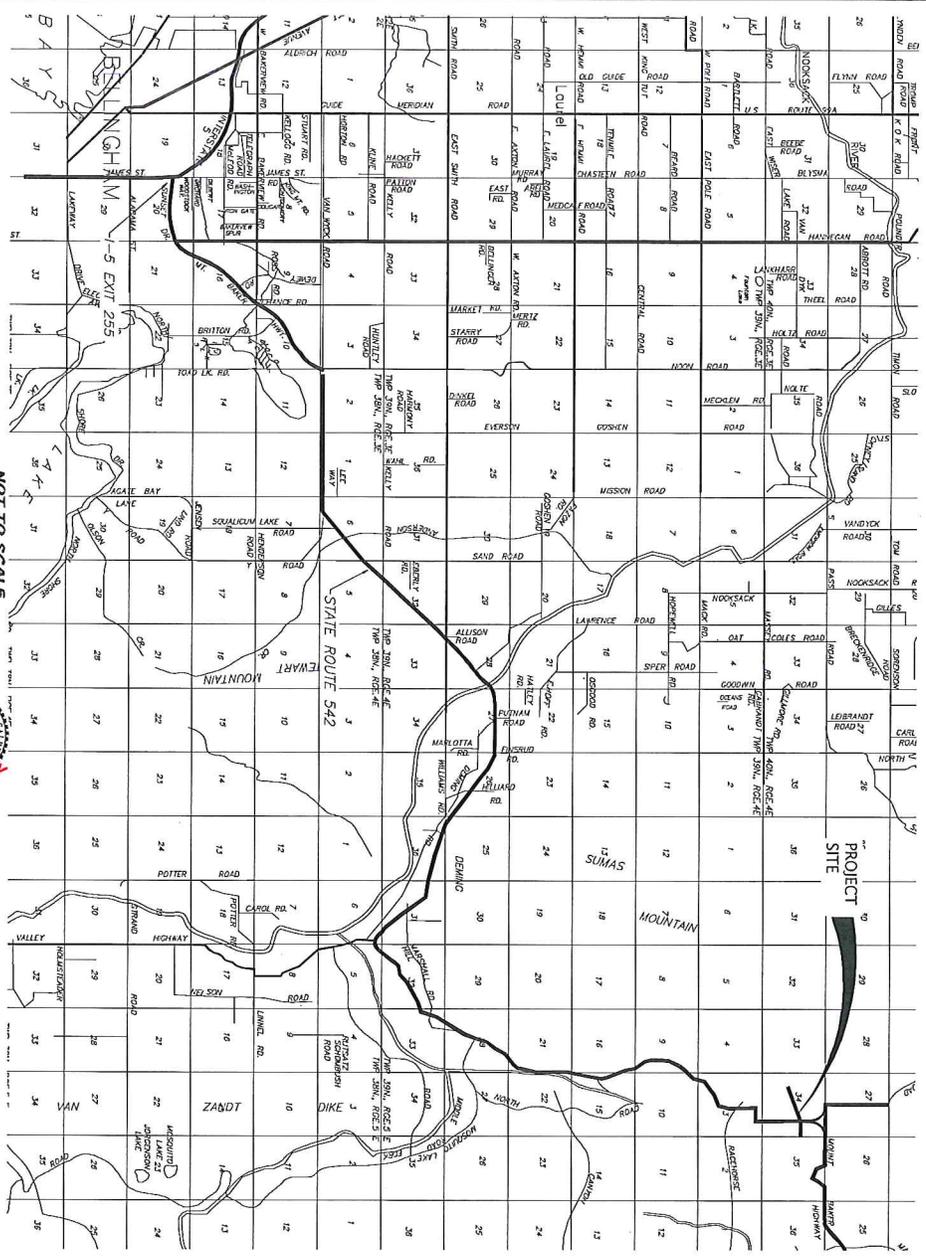
ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: SEA program – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington 98504-7600, or e-mail to [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov).

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Whatcom County Flood Control Zone District, NWS-2016-327.

Encl: Figures (13)

# HIGH CREEK CHANNEL RESTORATION

## DEMING, WASHINGTON, SECTION 34, TOWNSHIP 40 NORTH, RANGE 5 EAST



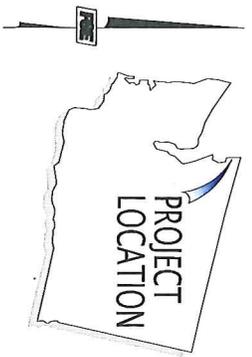
DATE	BY	REVISION
1		
2		
3		
4		



PUBLIC WORKS DIVISION  
 PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
 SHEET NO: 1 OF 13

WHATCOM COUNTY  
 PUBLIC WORKS DEPARTMENT  
 221 N. COMMERCE ST., BELLINGHAM, WA 98220 (360) 734-4249

PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
 SHEET NO: 1 OF 13

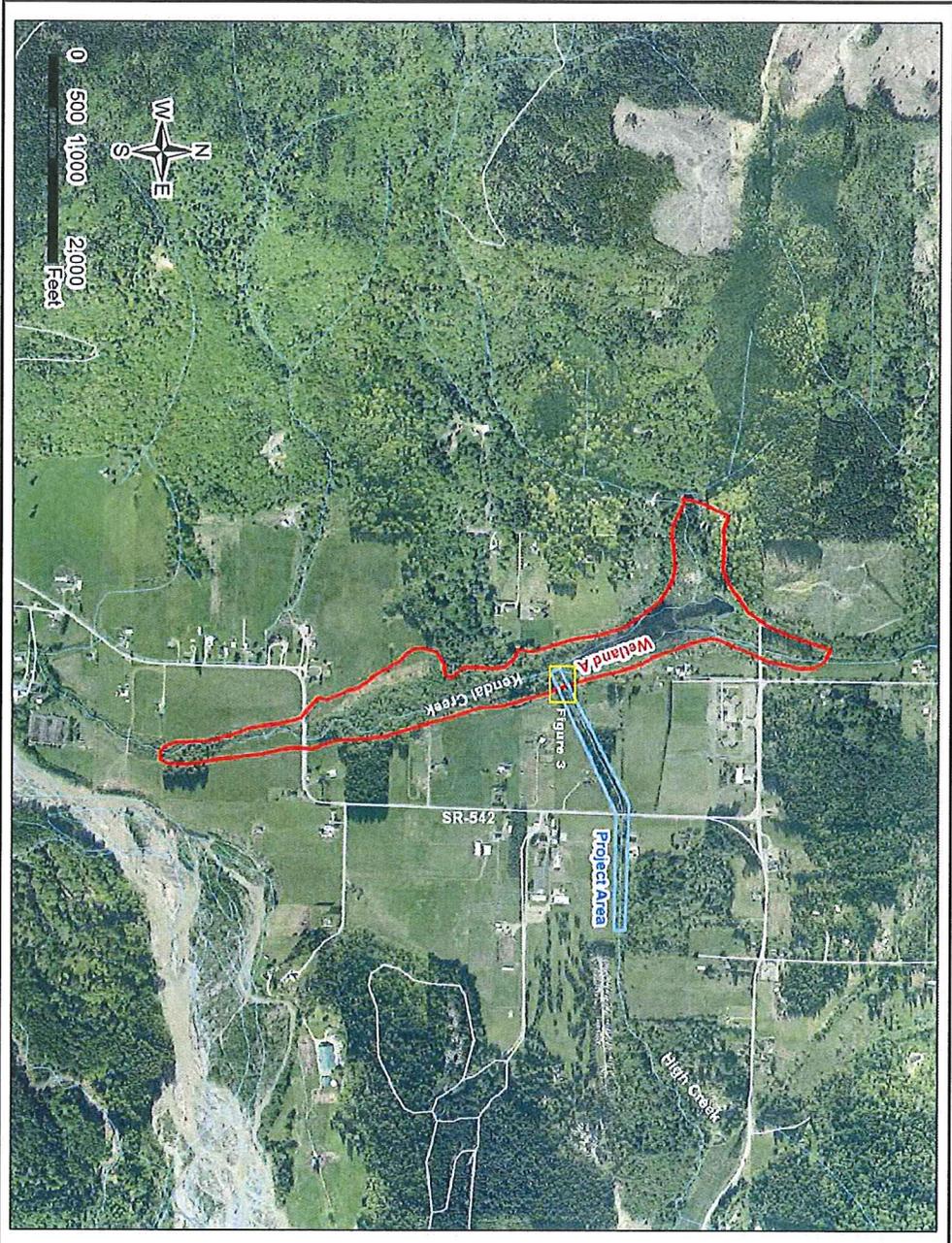


- SHEET INDEX**
- VICINITY MAP
  - EXISTING CONDITIONS
  - PROJECT OVERVIEW
  - PLAN & PROFILE STA 9+00 TO 12+00
  - PLAN & PROFILE STA 12+00 TO 18+00
  - PLAN & PROFILE STA 18+00 TO 25+00
  - PLAN & PROFILE STA 25+00 TO 34+00
  - PLAN & PROFILE STA 34+00 TO 40+00
  - CROSS SECTIONS - RIP RAP
  - CROSS SECTIONS
  - PLANTING PLAN
  - PLANTING LIST

**DIRECTIONS TO PROJECT SITE:**  
 -FROM INTERSTATE 5, TAKE EXIT 265 (STATE ROUTE 542)  
 -HEAD EAST ON STATE ROUTE 542, SITE IS  
 APPROXIMATELY 0.6 MILES PAST MILE POST 22

Corps Ref# NWS-2016-327

NOT TO SCALE



DATE	NO.	DATE	NO.

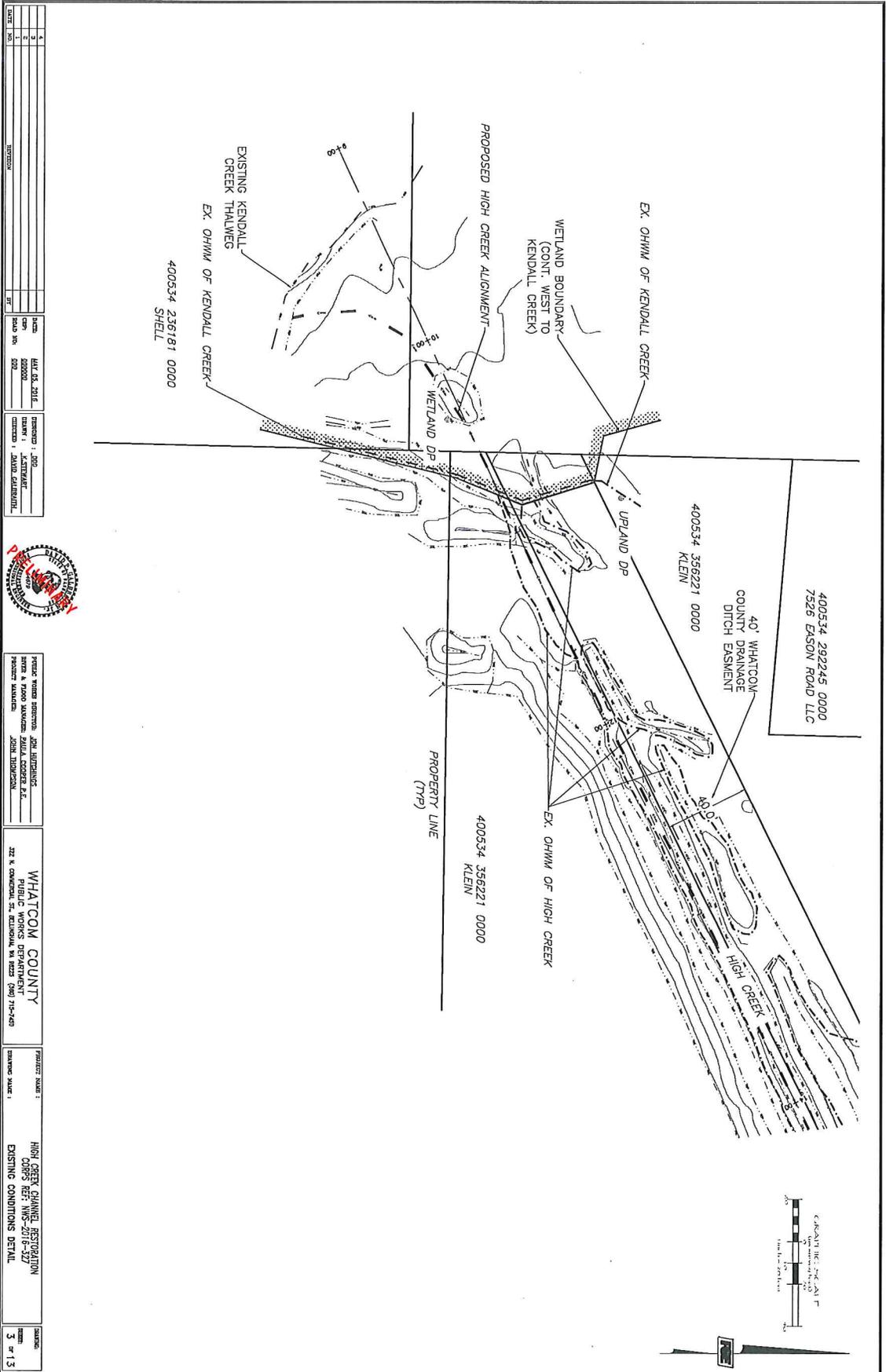


PROJECT MANAGER: JOHN MITCHELL  
 PROJECT SUPERVISOR: JAMES HENNINGSON  
 PROJECT ENGINEER: JAMES HENNINGSON

WHATCOM COUNTY  
 PUBLIC WORKS DEPARTMENT  
 222 N. CANTON ST., MILWAUKEE, WI 53225 (262) 775-3425

PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
 CURBS REPAIR NWS-2016-327  
 EXISTING CONDITIONS

NWS-2016-327



DATE	NO.	DESCRIPTION
4		
3		
1		



PROJECT NO. 2016-001  
 PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
 SHEET NO. 3 OF 13

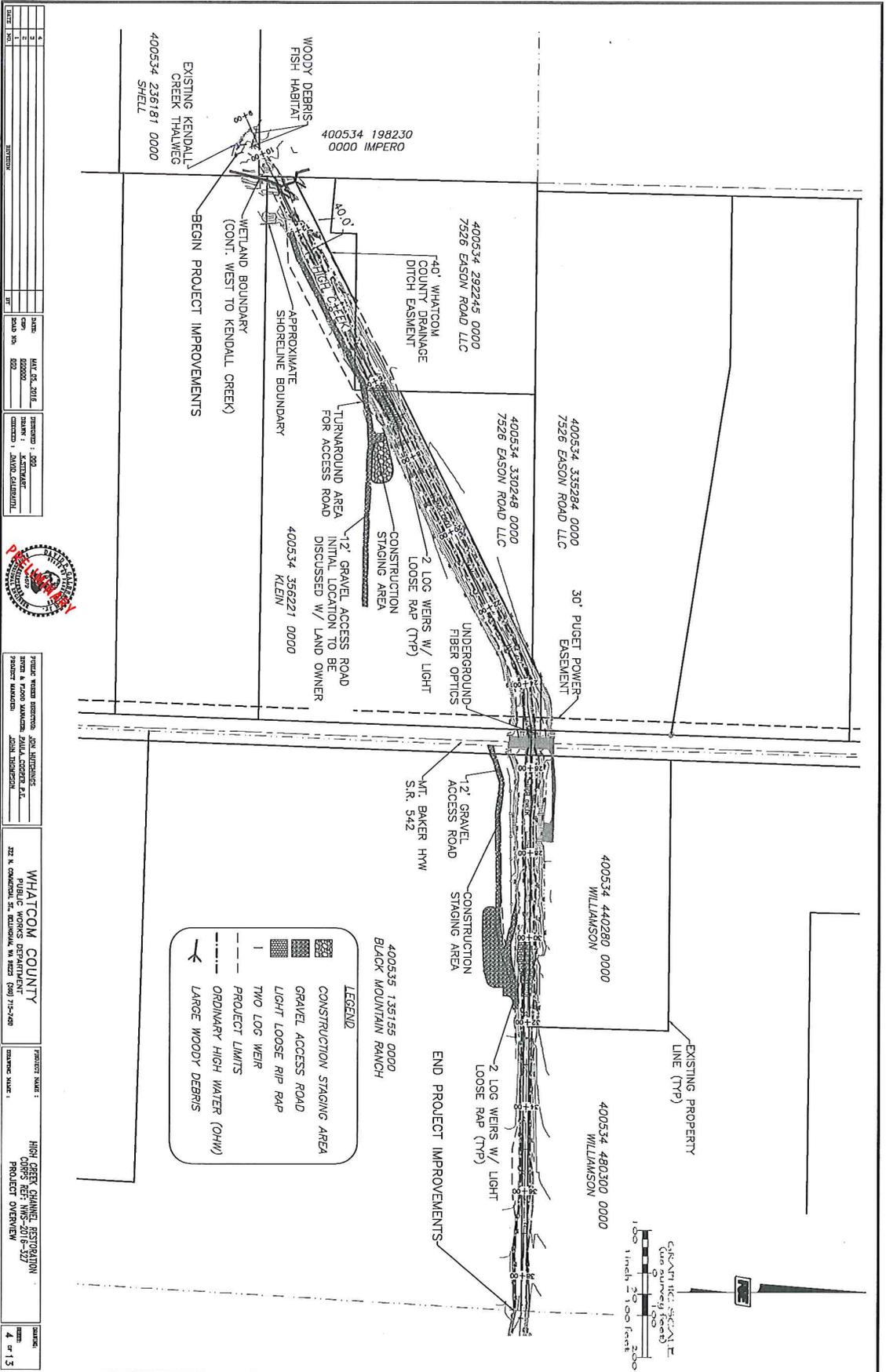
WHATCOM COUNTY  
 PUBLIC WORKS DEPARTMENT  
 212 N. CONROCK ST., BELLEVILLE, NJ 08007  
 (609) 715-2420

PROJECT NAME:  
 SHEET NO.:

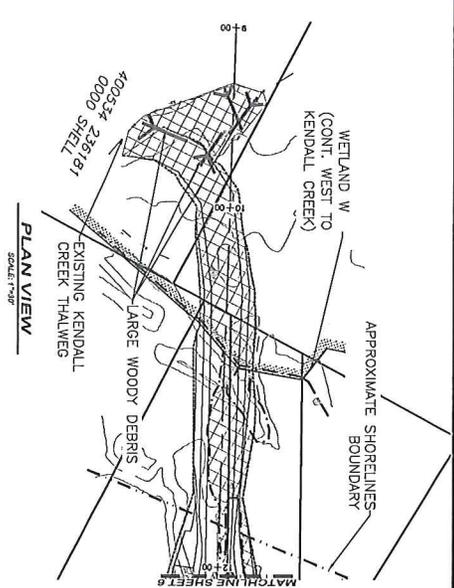
HIGH CREEK CHANNEL RESTORATION  
 EXISTING CONDITIONS DETAIL

DATE:  
 3 OF 13

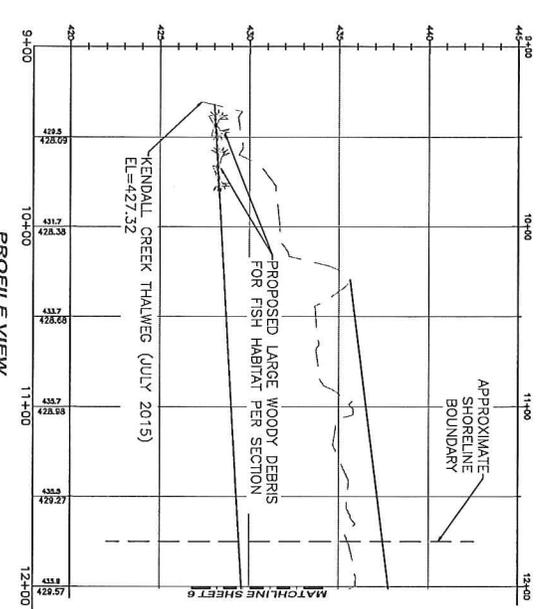
NWS-2016-327



NWS-2016-327



PLAN VIEW  
SCALE: 1"=50'



PROFILE VIEW  
SCALE: 1"=2'

DATE	DESCRIPTION	BY
11/15/16	ISSUED FOR PERMIT	J. B. BROWN
08/15/16	REVISED	J. B. BROWN
07/15/16	ISSUED FOR PERMIT	J. B. BROWN
06/15/16	ISSUED FOR PERMIT	J. B. BROWN



PROJECT: HIGH CREEK CHANNEL RESTORATION  
 SHEET: 5 OF 13  
 DATE: MAY 05, 2016  
 DRAWN BY: J. B. BROWN  
 CHECKED BY: J. B. BROWN

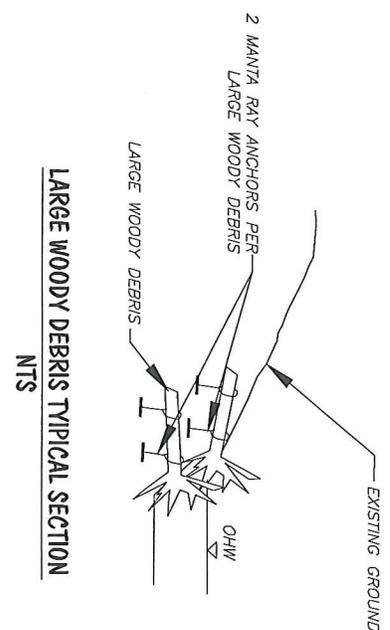
WHATCOM COUNTY  
 PUBLIC WORKS DEPARTMENT  
 322 N. CONCORDIA ST., DELTA, MI 48824 (517) 734-2489

PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
 SHEET NO.: 5 OF 13  
 DATE: MAY 05, 2016

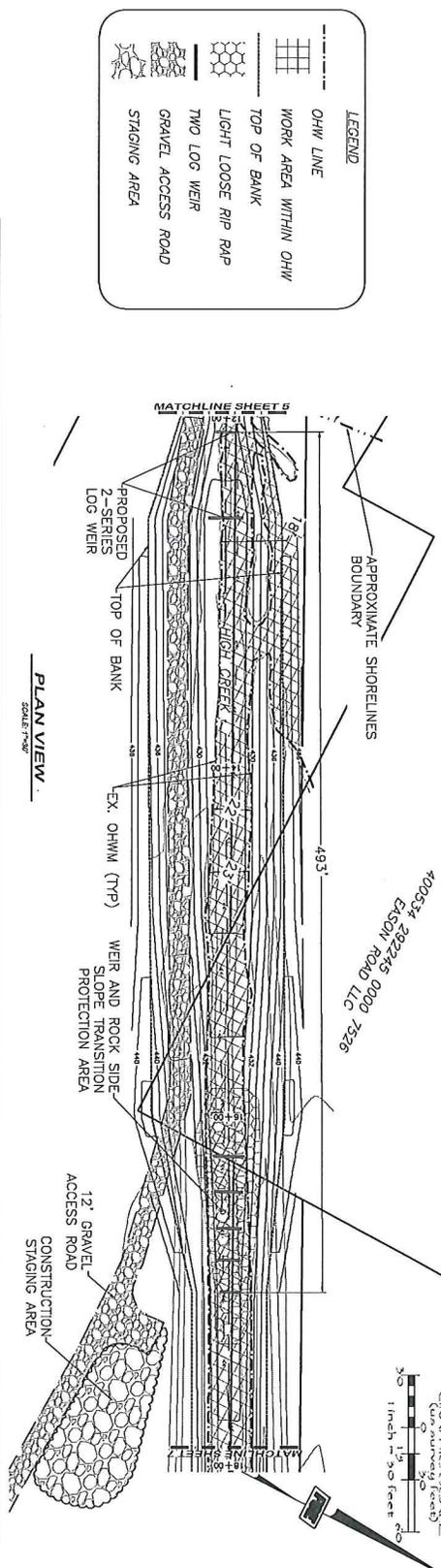
SCALE: 1"=2'

**LEGEND**

- OHW LINE
- ▨ WORK AREA WITHIN OHW
- TOP OF BANK
- Y LARGE WOODY DEBRIS



NWS-2016-327



**LEGEND**

- OHW LINE
- WORK AREA WITHIN OHW
- TOP OF BANK
- LIGHT LOOSE RIP RAP
- TWO LOG WEIR
- GRAVEL ACCESS ROAD
- STAGING AREA

DATE	NO.	DESCRIPTION

REVISED DATE: 05/15/2016  
 DRAWN BY: J. J. JENSEN  
 CHECKED BY: J. J. JENSEN

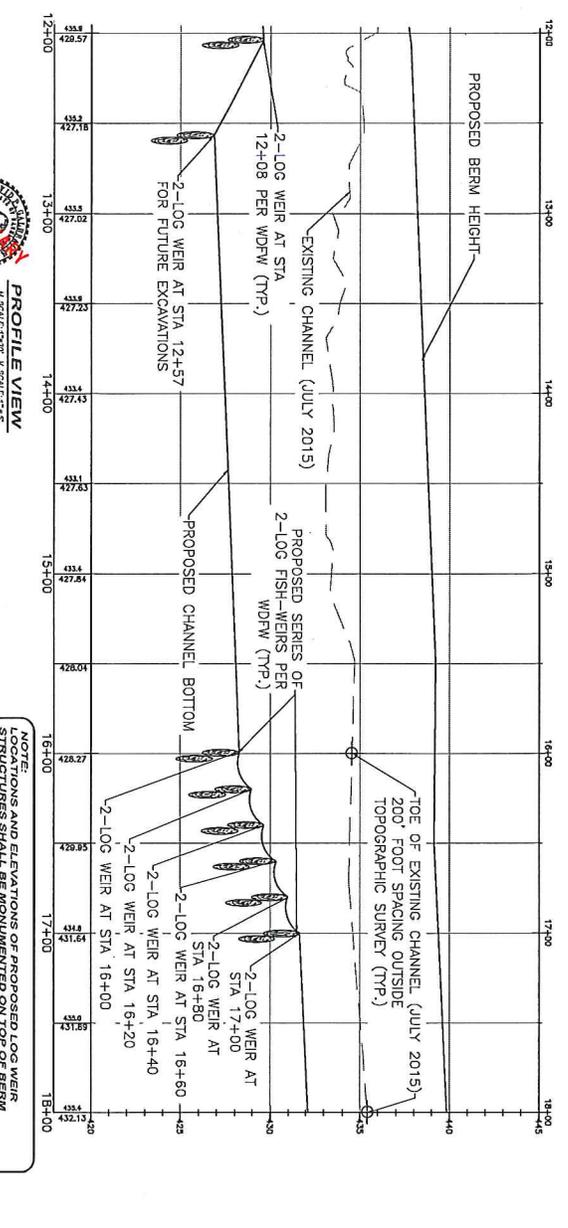


PROJECT: WHATCOM COUNTY  
 LOCATION: 12+00 TO 16+00  
 SHEET NO.: 5 OF 13

DESIGNED BY: J. J. JENSEN  
 CHECKED BY: J. J. JENSEN  
 DATE: 05/15/2016

PROJECT: HIGH CREEK CHANNEL RESTORATION  
 LOCATION: 12+00 TO 16+00  
 SHEET NO.: 5 OF 13

DATE: 05/15/2016  
 DRAWN BY: J. J. JENSEN  
 CHECKED BY: J. J. JENSEN

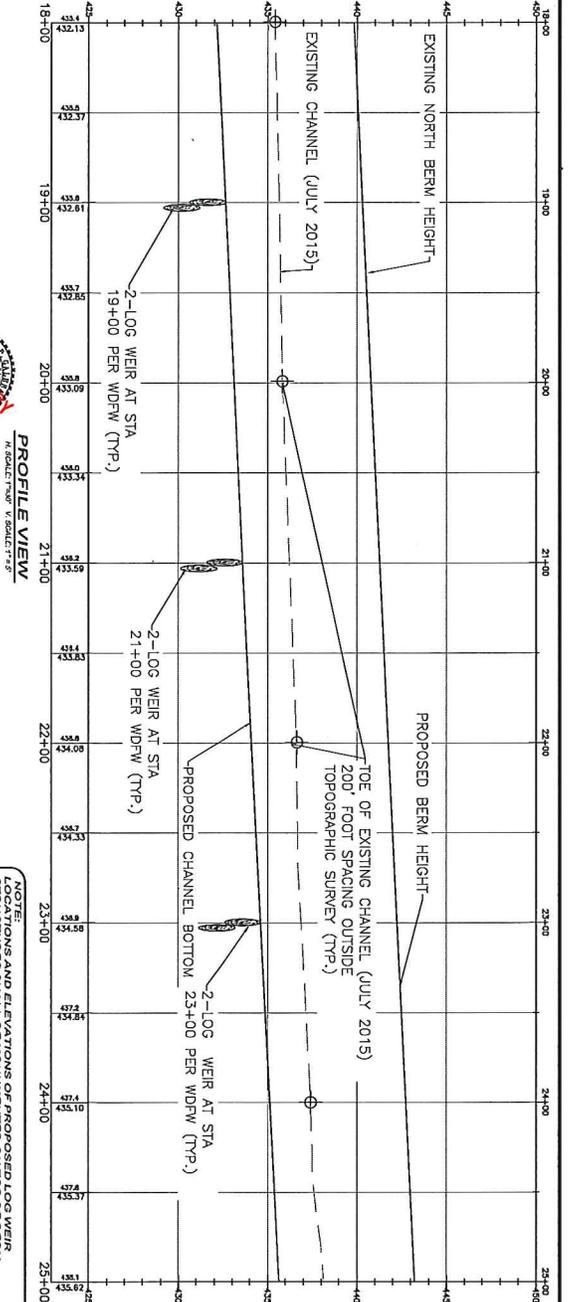
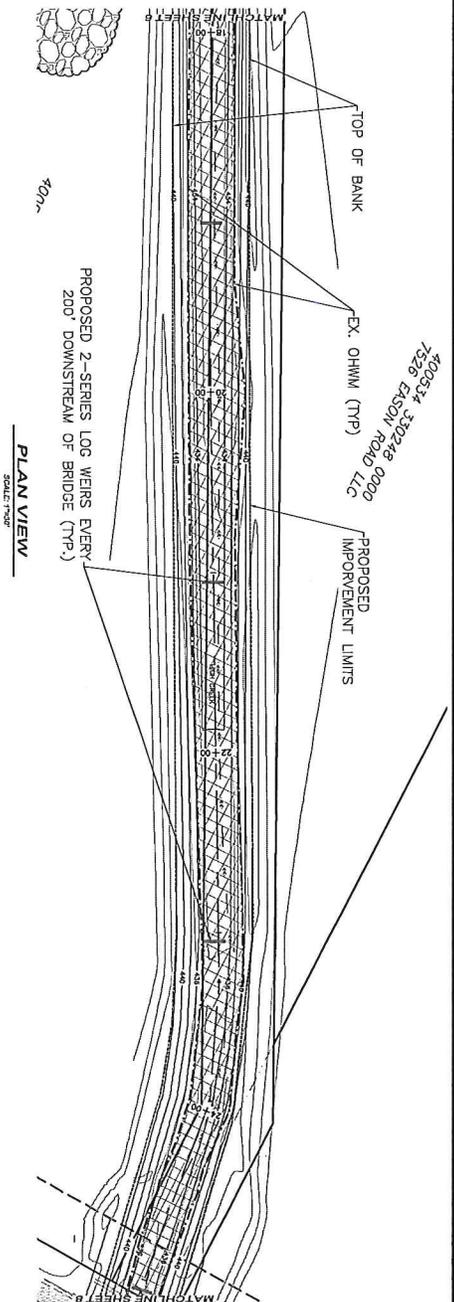


NWS-2016-327

**NOTES:**  
 1. LOCATIONS AND ELEVATIONS OF PROPOSED LOG WEIR STRUCTURES SHALL BE MONUMENTED ON TOP OF BERM ADJACENT TO EACH STRUCTURE.  
 2. HIGH CREEK CHANNEL RESTORATION  
 PLAN & PROFILE STA 12+00 TO 18+00

**LEGEND**

- OHW LINE
- ▨ WORK AREA WITHIN OHW
- TOP OF BANK
- TWO LOG WEIR
- ⊞ STAGING AREA



DATE	REVISED	BY	REVISION
1			
2			
3			
4			

DATE	PROJECT	SCALE
MAY 08, 2016	202 HERRING	AS SHOWN
2000	2000	2000
5000	5000	5000
10000	10000	10000

DESIGNED BY	CHECKED BY	DATE
W. B. BROWN	J. D. BROWN	05/08/2016

PROJECT NO.	PROJECT NAME
202 HERRING	202 HERRING

PROJECT NO.	PROJECT NAME
202 HERRING	202 HERRING

PROJECT NO.	PROJECT NAME
202 HERRING	202 HERRING

PROJECT NO.	PROJECT NAME
202 HERRING	202 HERRING

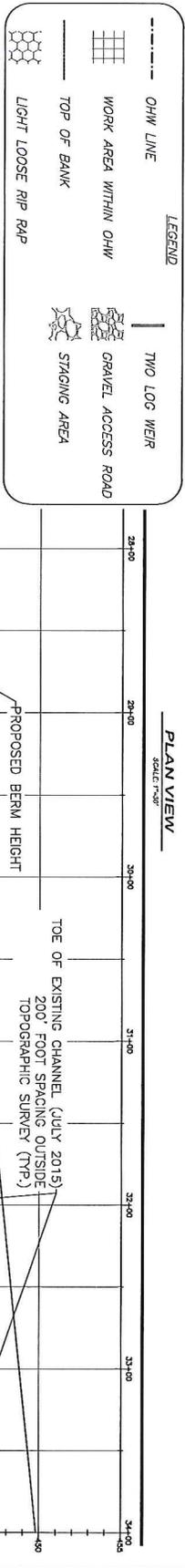
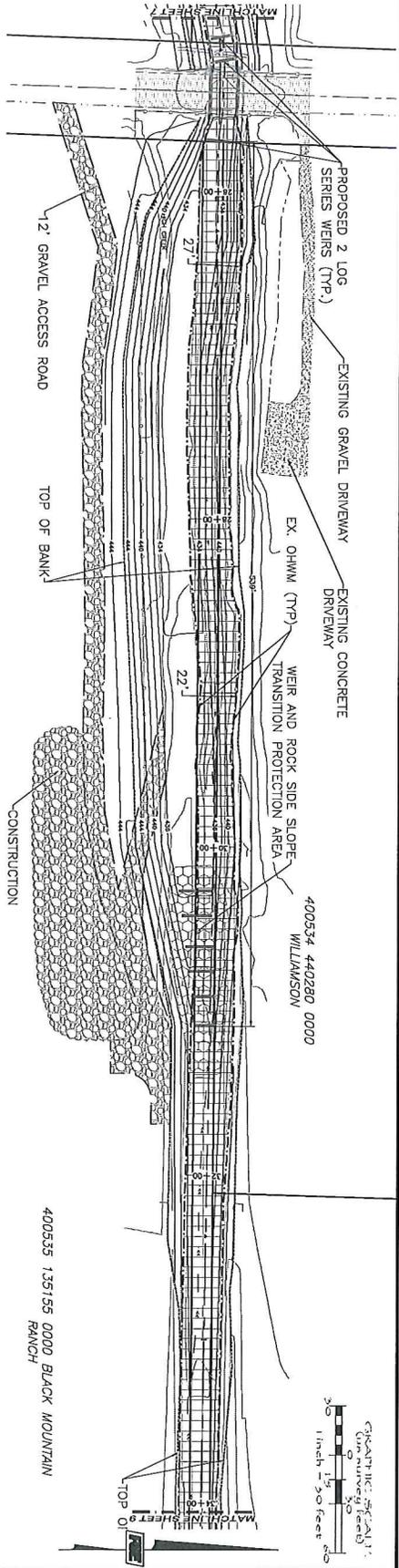
NWS-2016-327



WHATCOM COUNTY  
PUBLIC WORKS DEPARTMENT  
202 HERRING ST. DELMAR, TN 38028 (901) 735-5000

PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
DATE: 05/08/2016  
PLAN & PROFILE STA 18+00 TO 25+00

SCALE: 1"=10'



DATE	NO.	DESCRIPTION	BY	CHECKED

PROJECT NO.	DATE	SCALE	DESIGNED BY	CHECKED BY

PROJECT TITLE	PROJECT NO.	DATE	SCALE

PROJECT TITLE	PROJECT NO.	DATE	SCALE

PROJECT TITLE	PROJECT NO.	DATE	SCALE

NWS-2016-327



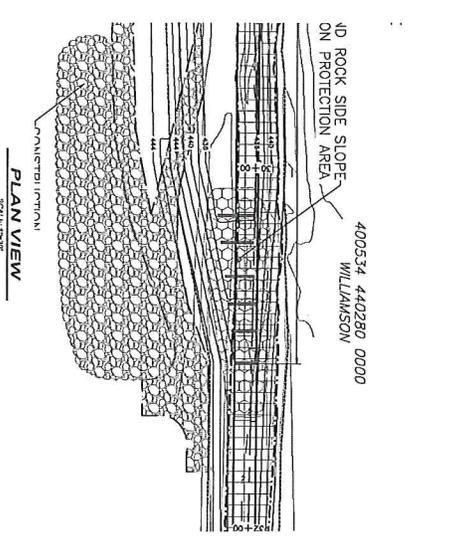
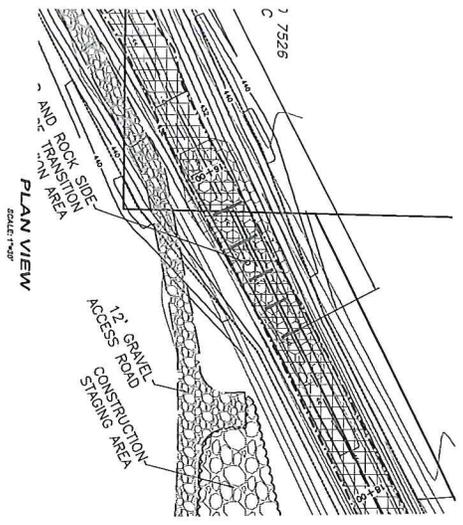
PROJECT TITLE: HIGH CREEK CHANNEL RESTORATION  
 PROJECT NO.: NWS-2016-327  
 DATE: 10/20/16  
 SCALE: 1" = 20'

PROJECT TITLE: HIGH CREEK CHANNEL RESTORATION  
 PROJECT NO.: NWS-2016-327  
 DATE: 10/20/16  
 SCALE: 1" = 20'

PROJECT TITLE: HIGH CREEK CHANNEL RESTORATION  
 PROJECT NO.: NWS-2016-327  
 DATE: 10/20/16  
 SCALE: 1" = 20'

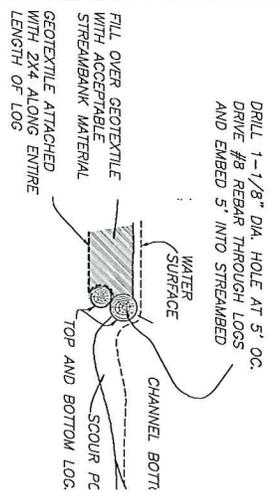
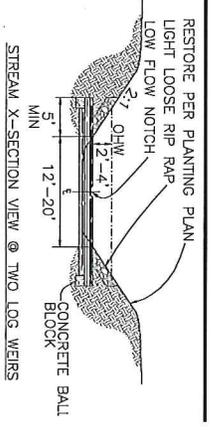
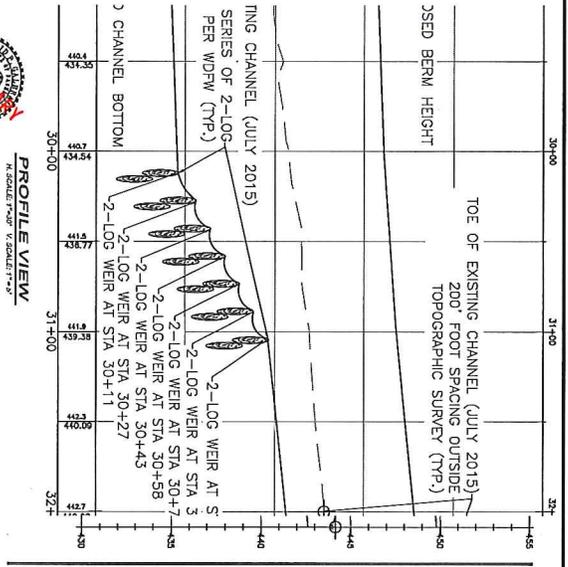
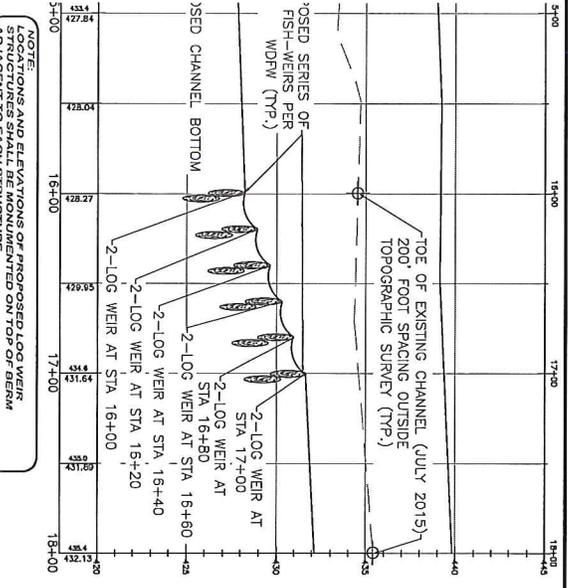
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 PROJECT NO.: NWS-2016-327  
 DATE: 10/20/16  
 SCALE: 1" = 20'





**LEGEND**

- OHW LINE
- WORK AREA WITHIN OHW
- TOP OF BANK
- LIGHT LOOSE RIP RAP
- TWO LOG WEIR
- GRAVEL ACCESS ROAD
- STAGING AREA



NOTE: DIMENSIONS AND ELEVATIONS OF PROPOSED LOG WEIR STRUCTURES SHALL BE MONUMENTED ON TOP OF BERM ADJACENT TO EACH STRUCTURE.

PROFILE VIEW  
N SCALE 1"=40' V SCALE 1"=4'

DATE	NO.	DESCRIPTION	BY	CHECKED	DATE
	1				
	2				
	3				
	4				

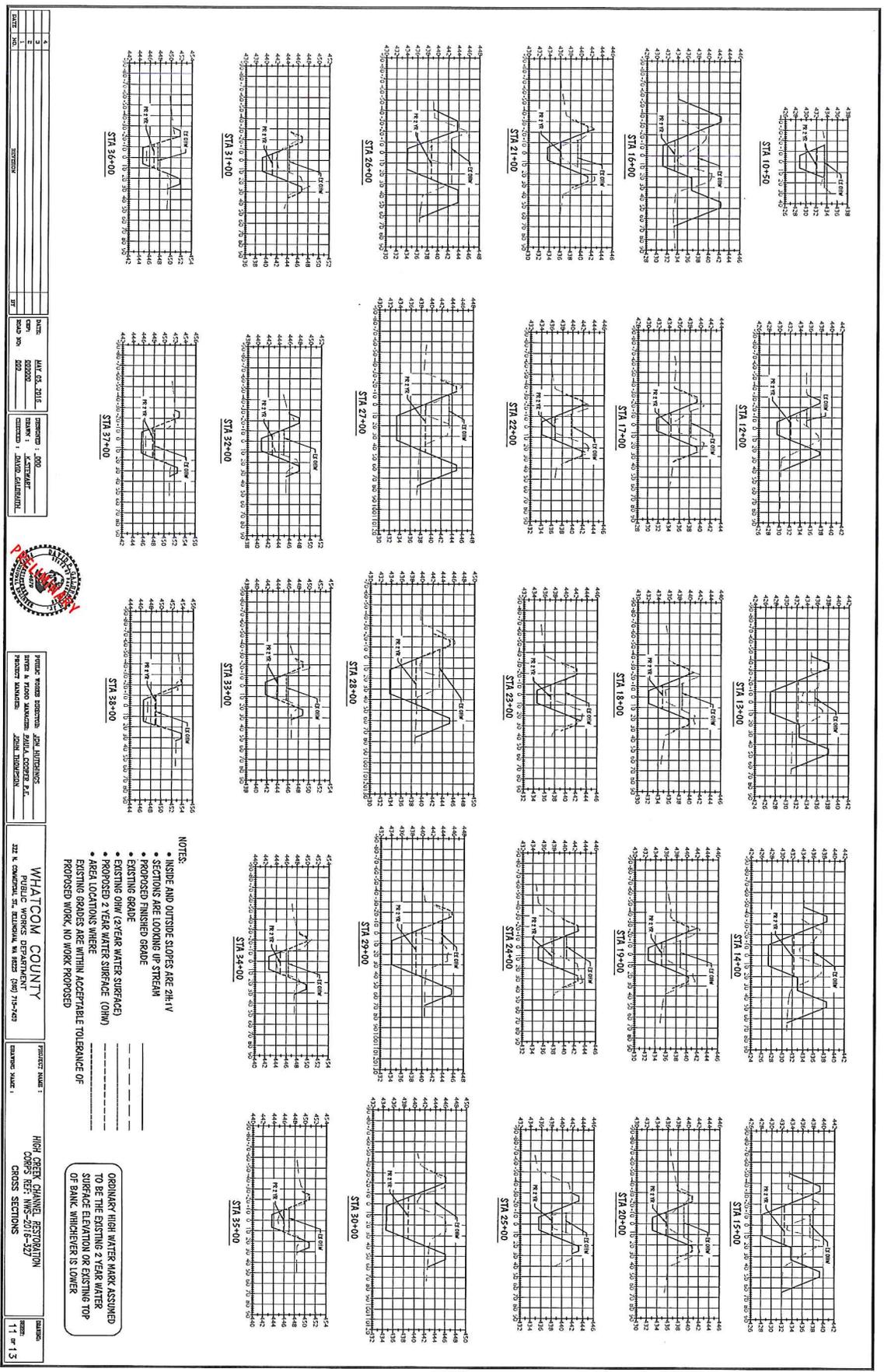
PROJECT NO.	440534 440280 0000
PROJECT NAME	WILLIAMSON
PROJECT LOCATION	
PROJECT DRAWING NO.	
PROJECT DATE	

DESIGNED BY	JAN WATZERS
CHECKED BY	JAN WATZERS
DATE	

PROJECT NAME	WHATCOM COUNTY PUBLIC WORKS DEPARTMENT
PROJECT LOCATION	222 N. SHAWAN, W. WILLIAMSON, TN 37182
PROJECT DATE	

DATE	10/13
SCALE	1"=40'

NWS-2016-327



NO.	DATE	BY
1		
2		
3		

DATE: MAY 04, 2016  
 DRAWN BY: JONATHAN L. JOHNSON  
 CHECKED BY: JONATHAN L. JOHNSON



PROJECT: STREAM RESTORATION  
 LOCATION: 2000' LONG  
 PROJECT NUMBER: 2016-327

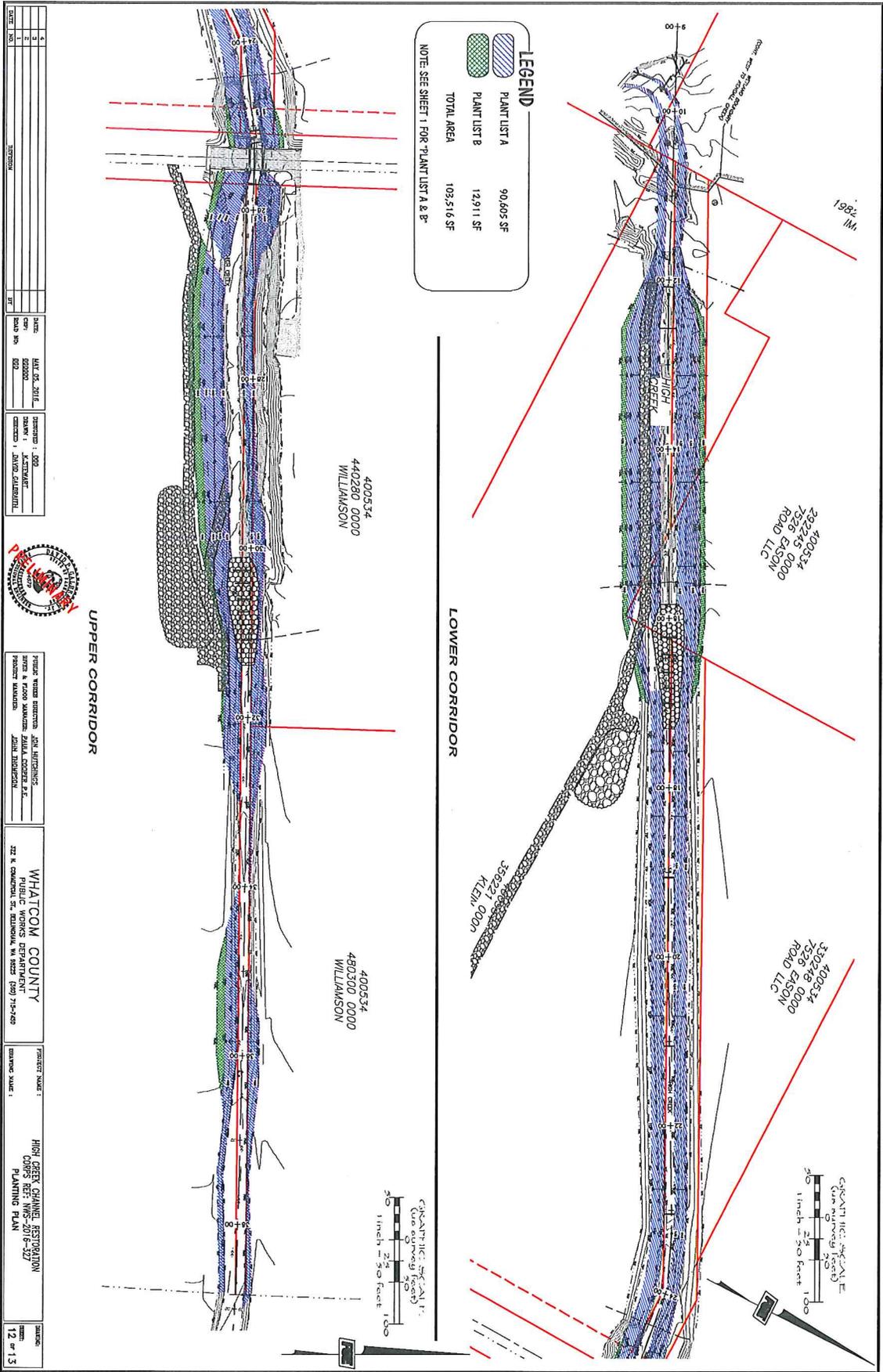
WHATCOM COUNTY  
 PUBLIC WORKS DEPARTMENT  
 222 N. COMMERCIAL ST. BELLEVUE, WA 98005 (206) 715-4202

PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
 CROSS SECTIONS: COPS PER NWS-2016-327  
 SHEET: 11 OF 13

- NOTES:
- INSIDE AND OUTSIDE SLOPES ARE 2H:1V
  - SECTIONS ARE LOOKING UP STREAM
  - PROPOSED FINISHED GRADE
  - EXISTING GRADE
  - EXISTING OHM (2-YEAR WATER SURFACE)
  - PROPOSED 2-YEAR WATER SURFACE (OHM)
- AREAL LOCATIONS WHERE EXISTING GRADES ARE WITHIN ACCEPTABLE TOLERANCE OF PROPOSED WORK, NO WORK PROPOSED

ORDINARY HIGH WATER MARK ASSUMED TO BE THE EXISTING 2-YEAR WATER SURFACE ELEVATION OR EXISTING TOP OF BANK, WHICHEVER IS LOWER

NWS-2016-327



DATE	NO.	DESCRIPTION	DATE	BY
01/15/2016	1	ISSUED FOR PERMIT	01/15/2016	JL
02/02/2016	2	REVISED PER COMMENTS	02/02/2016	JL
02/02/2016	3	REVISED PER COMMENTS	02/02/2016	JL
02/02/2016	4	REVISED PER COMMENTS	02/02/2016	JL

DATE	BY	DESCRIPTION
01/15/2016	JL	ISSUED FOR PERMIT
02/02/2016	JL	REVISED PER COMMENTS
02/02/2016	JL	REVISED PER COMMENTS
02/02/2016	JL	REVISED PER COMMENTS

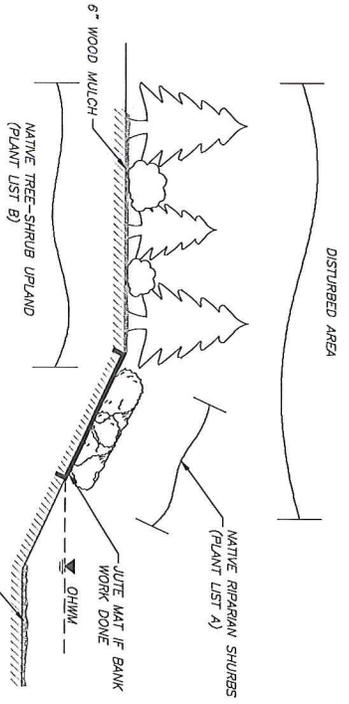
  

PROJECT NAME:	PROJECT NUMBER:
HIGH CREEK CHANNEL RESTORATION	NWS-2016-327
OWNER:	DESIGNED BY:
WHATCOM COUNTY PUBLIC WORKS DEPARTMENT	WHATCOM COUNTY PUBLIC WORKS DEPARTMENT
222 N. COLUMBIAN ST., BELLEVILLE, WI 53522 (608) 715-7429	222 N. COLUMBIAN ST., BELLEVILLE, WI 53522 (608) 715-7429

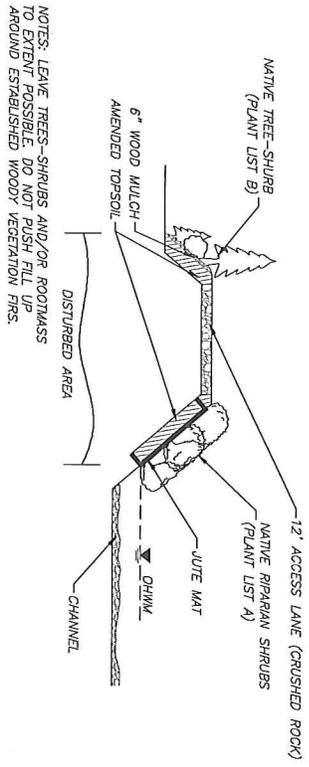
  

PROJECT NAME:	PROJECT NUMBER:
HIGH CREEK CHANNEL RESTORATION	NWS-2016-327
OWNER:	DESIGNED BY:
WHATCOM COUNTY PUBLIC WORKS DEPARTMENT	WHATCOM COUNTY PUBLIC WORKS DEPARTMENT
222 N. COLUMBIAN ST., BELLEVILLE, WI 53522 (608) 715-7429	222 N. COLUMBIAN ST., BELLEVILLE, WI 53522 (608) 715-7429

NWS-2016-327



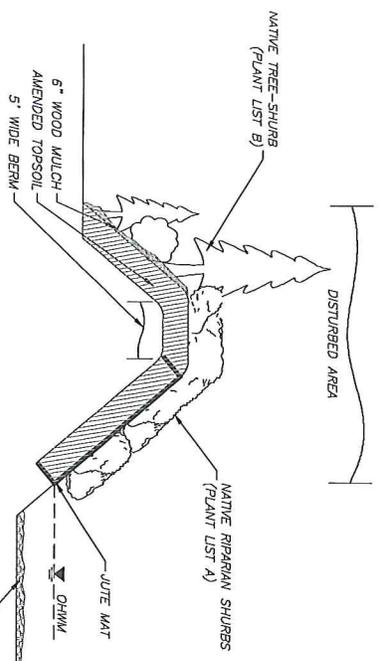
**TYPE 1 PLANTING CROSS SECTION**  
NOT TO SCALE



**TYPE 2 PLANTING CROSS SECTION**  
NOT TO SCALE

**PLANTING PLAN RECOMMENDED SPECIES**

- PLANT LIST A - RIPARIAN CHANNEL BANK SHRUBS AND SMALL TREE SHRUBS PLANTED 3' ON-CENTER**
- RED OSIER DOGWOOD (*CORNUS SERICEA*)
  - PACIFIC WILLOW (*SALIX LUCIDA*)
  - SITKA WILLOW (*SALIX SITCHENSIS*)
  - PACIFIC NINEBARK (*PHYSCARPUS CAPTATUS*)
  - CASCARA (*RHAMNUS PURSHIANA*)
  - SALMON BERRY (*RUBUS SPECTABILIS*)
  - NOOTKA ROSE (*ROSA NUTKANNA*)
- PLANT LIST B - UPLAND AREA TREE AND SHRUBS SHRUBS PLANTED 3' ON-CENTER**



**TYPE 3 PLANTING CROSS SECTION**  
NOT TO SCALE

NO.	DATE	BY	REVISION
1	10/15/2016	JLH	ISSUE FOR PERMIT
2	11/15/2016	JLH	REVISED FOR COMMENTS
3	12/15/2016	JLH	REVISED FOR COMMENTS
4	01/15/2017	JLH	REVISED FOR COMMENTS



PROJECT MANAGER: JONATHAN B. HARRIS  
 PROJECT ENGINEER: JONATHAN B. HARRIS  
 PROJECT ARCHITECT: JONATHAN B. HARRIS

**WHATCOM COUNTY**  
 PUBLIC WORKS DEPARTMENT  
 222 N. CALVERT ST., DANBURG, VA 22820 (540) 719-7489

PROJECT NAME: HIGH CREEK CHANNEL RESTORATION  
 DRAWING NO.: NWS-2016-327  
 PLANTING LIST

DATE: 13 of 13