



US Army Corps
of Engineers
Seattle District



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
Post Office Box 3755
Seattle, WA 98124-3755
Telephone: (206) 316-3049
ATTN: Ms. Kristen Hafer,
Project Manager

WA Department of Ecology

SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone: (360) 407-6068
ATTN: SEA Program,
Federal Permit Coordinator

Public Notice Date: September 26, 2014

Expiration Date: October 26, 2014

Reference No.: NWS-2014-0846

**Name: Tacoma Power (Cowlitz Falls
North Shore Collector)**

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 United States as described below and shown on the enclosed drawings dated August 25, 2014.

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.

APPLICANT: Tacoma Power
Attention: Mr. Kirk Kessler
3628 South 35th Street
Tacoma, Washington 98409-3192
Telephone: (253) 502-8847

LOCATION: The proposed project is located in Lake Scanewa, an impoundment of the Cowlitz River at River Mile 88.5, at 1378 Fall Road, near Randle, Lewis County, Washington.

WORK: The proposed project consists of modifications to the existing Cowlitz Falls Dam to improve downstream passage and collection of juvenile salmonids. The entrance structure will include the excavation of no more than 1,570 cubic yards of lake bed and placement of 870 cubic yards of concrete fill waterward of the ordinary high watermark (OHWM). In addition, a temporary cofferdam (250 cubic yards of concrete fill) will be constructed waterward of the OHWM.

Other in-water work will occur but because the other work only consists of the installation of structures and does not involve the discharge of dredged or fill material into a non-navigable water, a Department of the Army permit is not required. These activities include: placement of a sheetpile cofferdam, a trashrack, bulkhead gate, and a pit tag detection device to track fish as they are routed into the Collector Structure. The project would also include the placement of a behavior guidance system and a debris barrier.

Upland work located within the permit area includes: construction of a Collector Structure within the existing dam; construction of a 300-foot-long soldier pile retaining wall downstream of the dam; development of a new access

NWS-2014-0846, Tacoma Power (Cowlitz Falls North Shore Collector)

road; reconfiguring the existing Cowlitz Falls Fish Facility; installation of the Tailrace Discharge System; stabilization features added to the right gravity section of the Cowlitz Falls Dam to support the dam where the Entrance Structure and Pumpback Diffuser System have been added; and construction of an access road upstream of the dam to service the Pumpback Diffuser System.

PURPOSE: To improve fish passage as required by the Federal Energy Regulatory Commission (FERC) issued Cowlitz River Hydroelectric Project License, Article 1.

MITIGATION: The project is required mitigation in the FERC license for the Cowlitz Hydroelectric Project.

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 FERC, as the lead agency for ESA consultation, will consult with the NMFS and/or the USFWS as required under Section 7 of the ESA.

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 FERC, as the lead agency for a determination regarding EFH, will consult with the NMFS if 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 FERC, as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act, will consult with the State Historic Preservation Officer and Native American Tribes as appropriate. 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,

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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 United States.

SOURCE OF FILL MATERIAL: The source of the fill material will be a preformed concrete structure.

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.

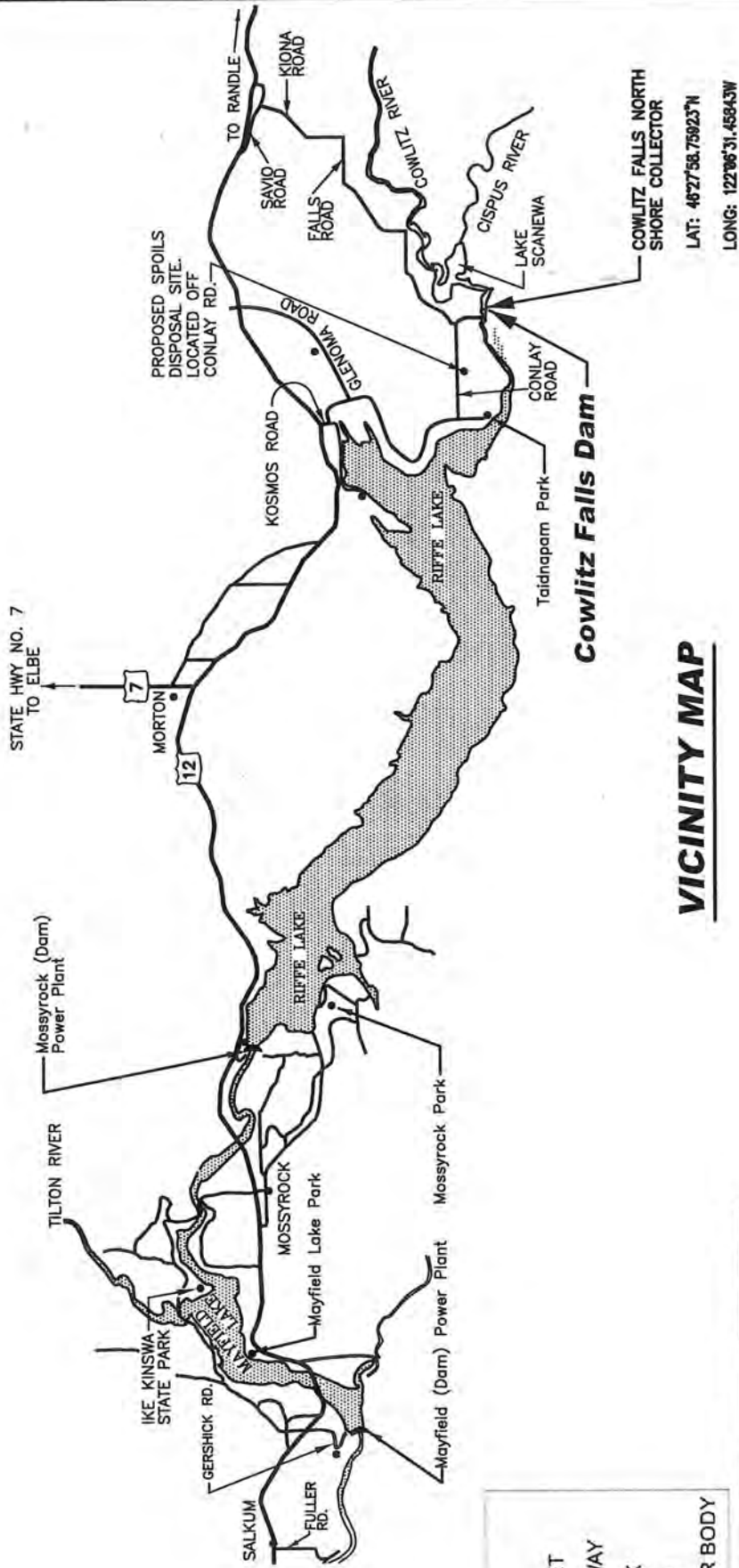
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from 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. 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 kristen.a.hafer@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Ms. Kristen Hafer, 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.

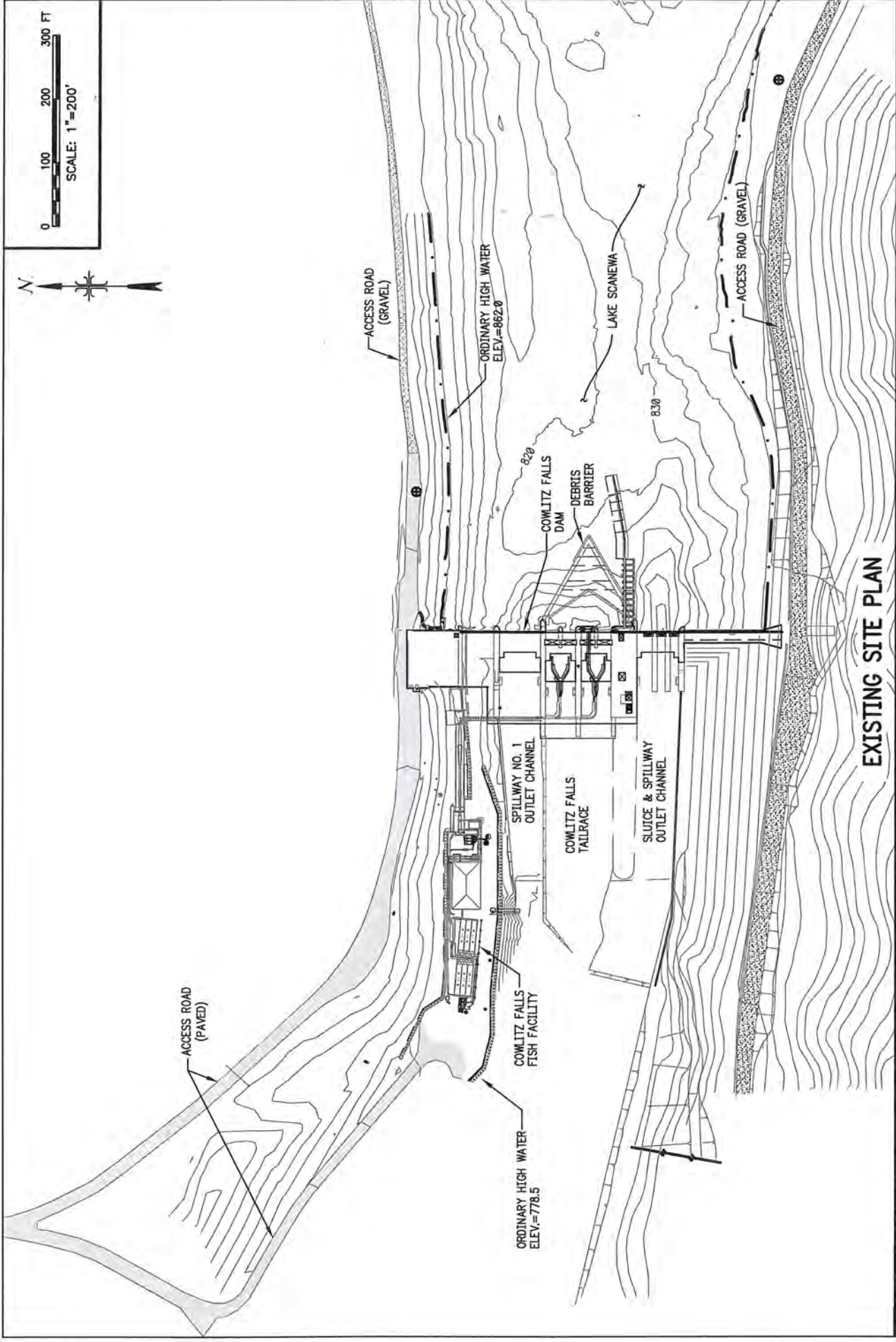
ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: Federal Permit Coordinator, Post Office Box 47600, Olympia, Washington 98504-7600, or e-mail to 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: Tacoma Power (Cowlitz Falls North Shore Collector), NWS-2014-846

Encl: Figures (16)



<p>REFERENCE: 201400869 Purpose: fish passage</p>	<p>LOCATION: 1378 FALLS ROAD, RANDLE, WA 98377</p>	<p>PROPOSED PROJECT: COWLITZ FALLS NORTH SHORE COLLECTOR</p>
<p>APPLICANT NAME: TACOMA POWER</p>	<p>LAT/LONG: 46°27'58.75923"N/122°06'31.45843W</p>	<p>IN: T11N, R6E, SEC 6 NEAR/AT: RANDLE, WA COUNTY: LEWIS STATE: WA</p>
<p>3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192</p>	<p>PARCEL NUMBER: 027303009000</p>	
<p>ADJACENT PROPERTY OWNERS: 1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1 2. PORT BLAKELY TREE FARMS, LTD.</p>	<p>PAGE 1 OF 16</p>	<p>DATE: August 25, 2014</p>



EXISTING SITE PLAN

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

ADJACENT PROPERTY OWNERS:
1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1
2. PORT BLAKELY TREE FARMS, LTD.

LOCATION:
1378 FALLS ROAD, RANDLE, WA 98377

LAT/LONG:
46°27'58.75923"N/122°06'31.45843W

PARCEL NUMBER: 027303009000

PAGE 2 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA



AERIAL PLAN

REFERENCE: 201400846 Purpose: Fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

ADJACENT PROPERTY OWNERS:
1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1
2. PORT BLAKELY TREE FARMS, LTD.

LOCATION:
1378 FALLS ROAD, RANDLE, WA 98377

LAT/LONG:
46°27'58.75923"N/122°06'31.45843W

PARCEL NUMBER: 027303009000

PAGE 3 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA

0 100 200 300 FT
SCALE: 1"=200'



OHWM ELEV.= 862

FLOATING
BEHAVIORAL
GUIDANCE
STRUCTURE (BGS)

EXISTING LCPUD
BOAT BARRIER

LAKE SCANEWA

AERIAL PLAN

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

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LAT/LONG:
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PARCEL NUMBER: 027303009000

PAGE 4 OF 16 DATE: August 25, 2014

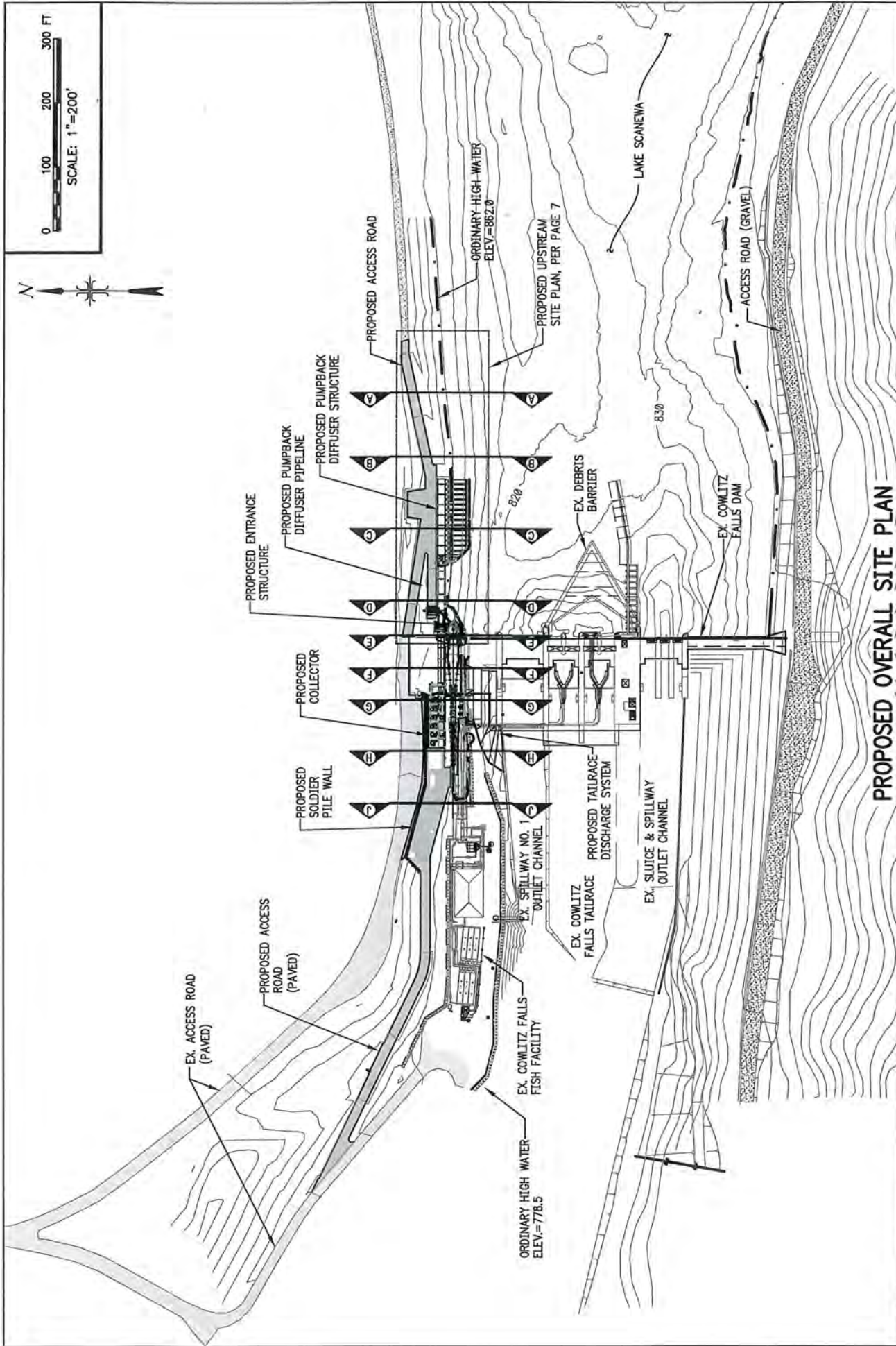
PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA



AERIAL PLAN

<p>REFERENCE: 201400846 Purpose: fish passage</p> <p>APPLICANT NAME: TACOMA POWER 3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192</p> <p>ADJACENT PROPERTY OWNERS: 1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1 2. PORT BLAKELY TREE FARMS, LTD.</p>	<p>LOCATION: 1378 FALLS ROAD, RANDLE, WA 98377</p> <p>LAT/LONG: 46°27'58.75923"N/122°06'31.45843W</p> <p>PARCEL NUMBER: 027303009000</p> <p>PAGE 5 OF 16 DATE: August 25, 2014</p>	<p>PROPOSED PROJECT: COWLITZ FALLS NORTH SHORE COLLECTOR</p> <p>IN: T11N, R6E, SEC 6 NEAR/AT: RANDLE, WA COUNTY: LEWIS STATE: WA</p>
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PROPOSED OVERALL SITE PLAN

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

ADJACENT PROPERTY OWNERS:
1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1
2. PORT BLAKELY TREE FARMS, LTD.

LOCATION:
1378 FALLS ROAD, RANDLE, WA 98377

LAT/LONG:
46°27'58.75923"N/122°06'31.45843W

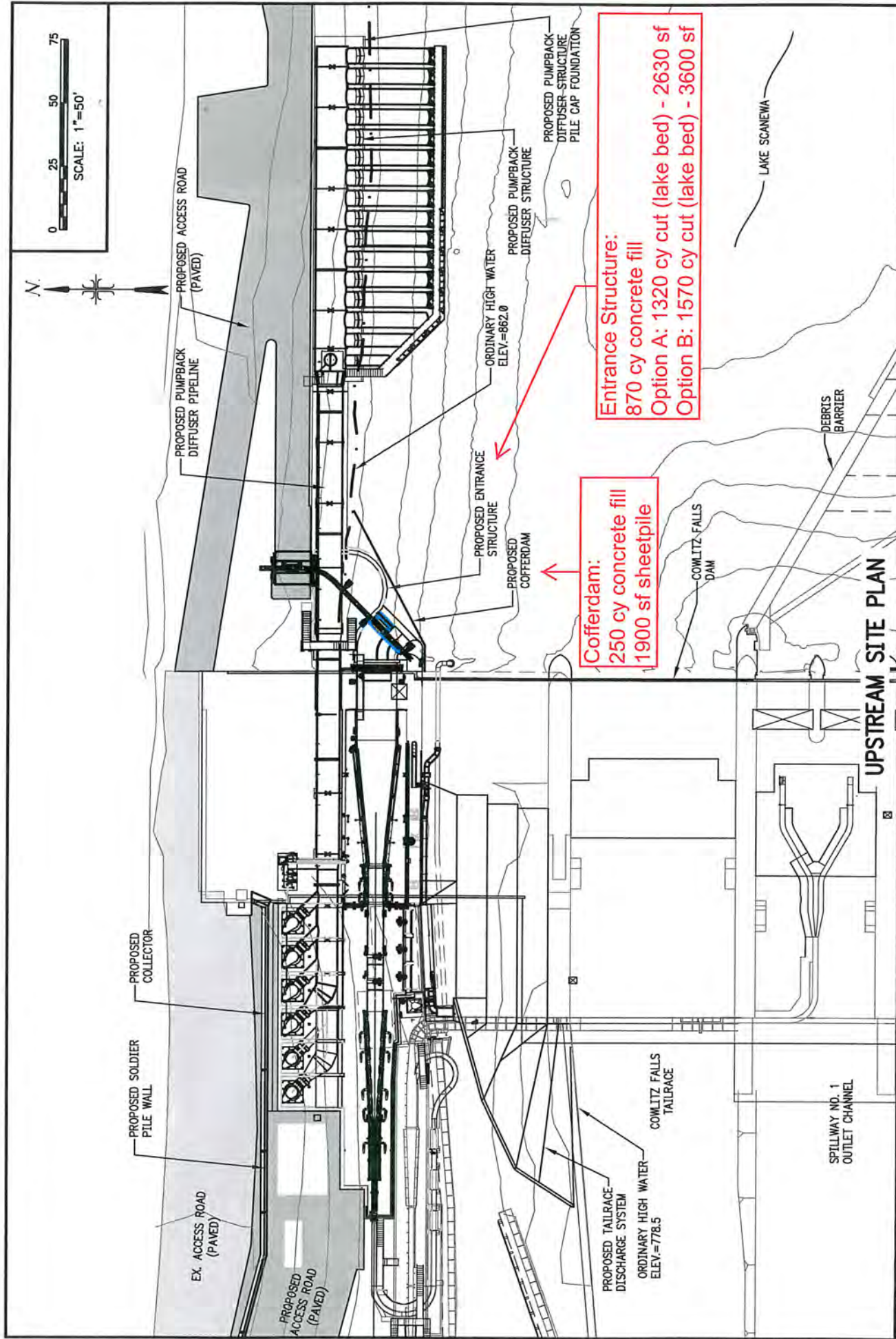
PARCEL NUMBER: 027303009000

PAGE 6 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA

LAT/LONG:
46°27'58.75923"N/122°06'31.45843W



UPSTREAM SITE PLAN

REFERENCE: 201400846 Purpose: fish passage

LOCATION:
1378 FALLS ROAD, RANDLE, WA 98377

LAT/LONG:
46°27'58.75923"N/122°06'31.45843W

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

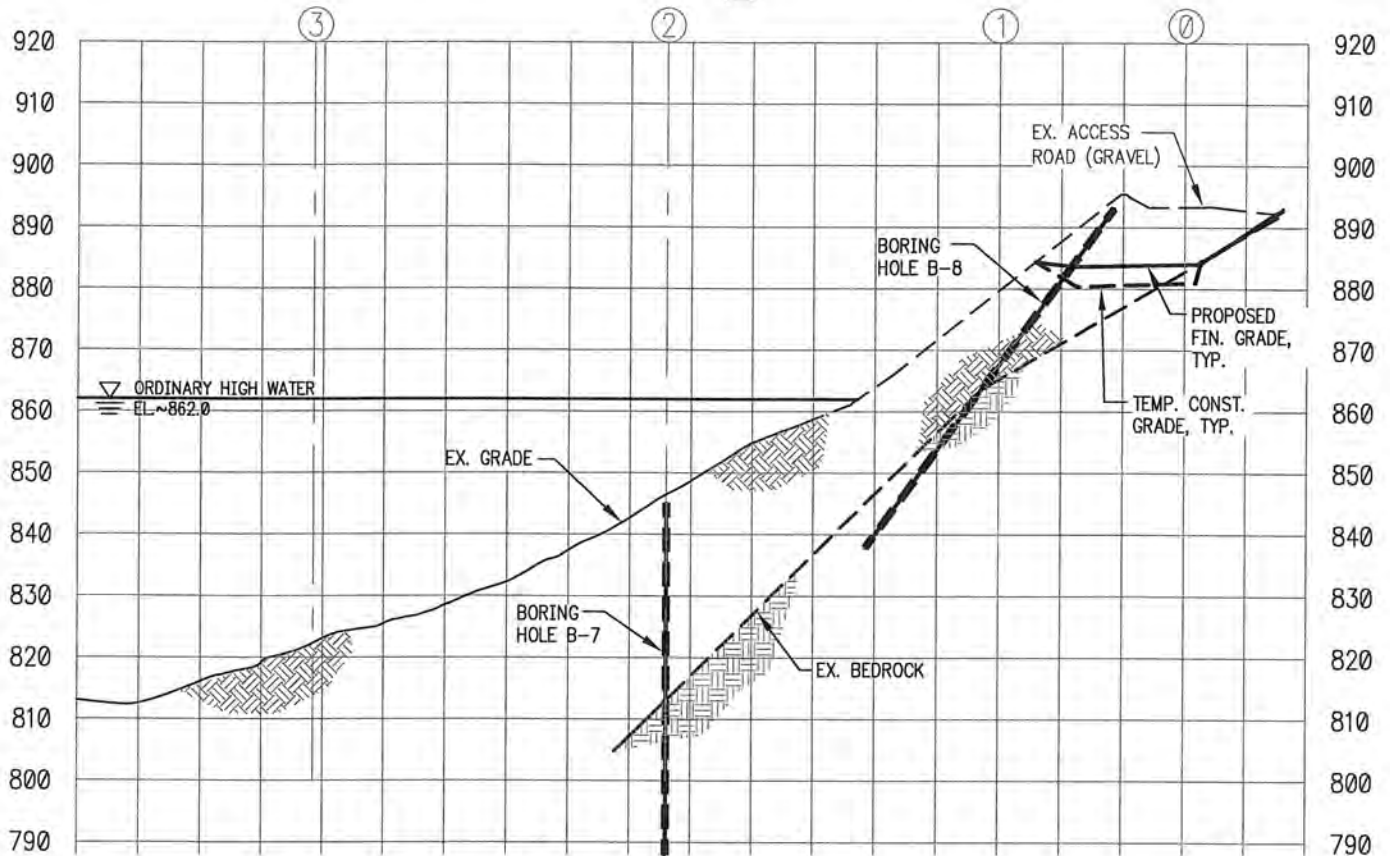
IN: T11N, R6E, SEC 6
NEAR/A: RANDLE, WA
COUNTY: LEWIS
STATE: WA

ADJACENT PROPERTY OWNERS:
1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1
2. PORT BLAKELY TREE FARMS, LTD.

PARCEL NUMBER: 027303009000

PAGE 7 OF 16 DATE: August 25, 2014

0 15 30 60 90 FT
SCALE: 1"=60'



UPSTREAM SLOPE SECTION - A

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

LOCATION:
1378 FALLS ROAD, RANDLE, WA 98377

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

LAT/LONG:
46°27'58.75923"N/122°06'31.45843W

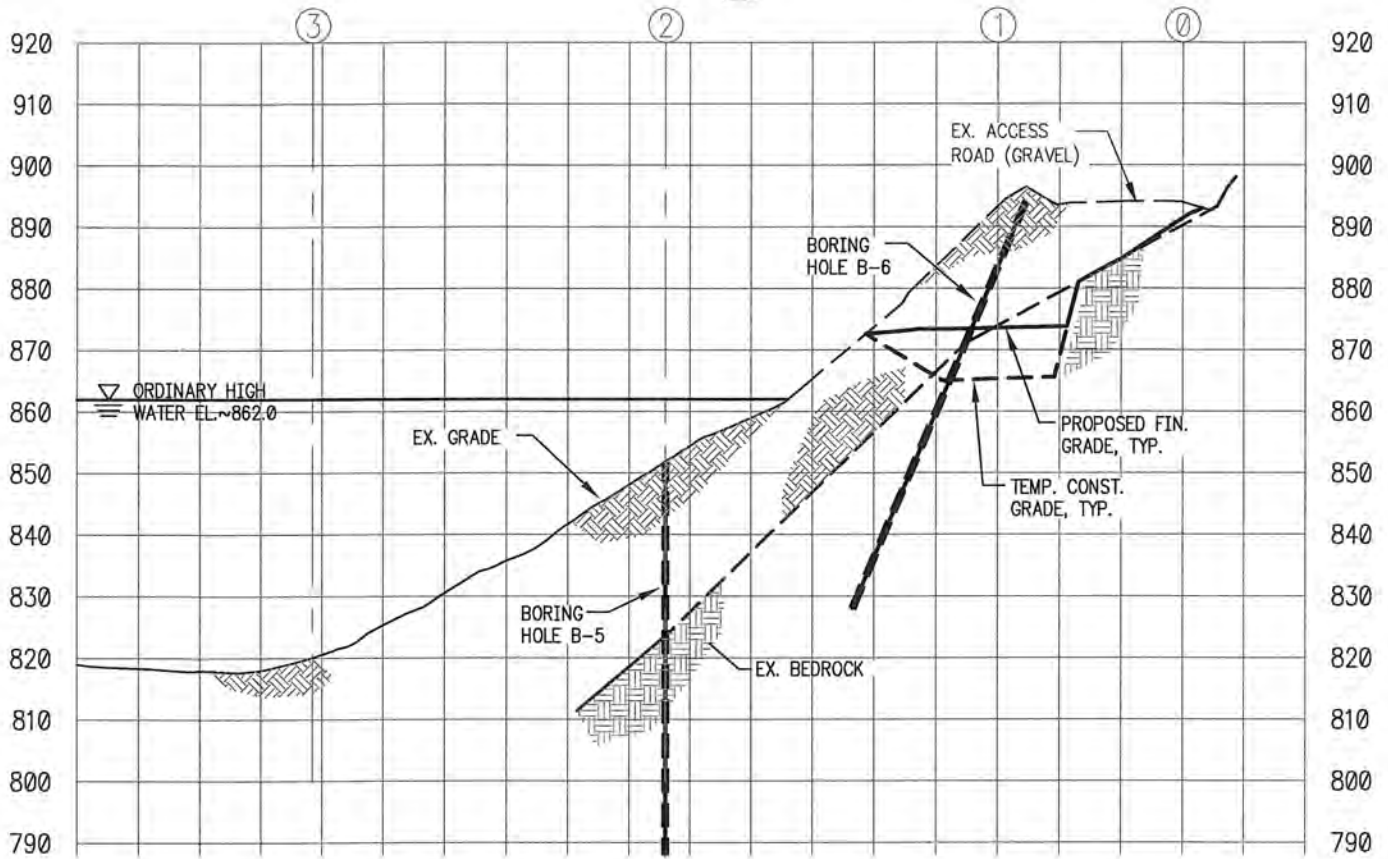
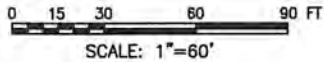
ADJACENT PROPERTY OWNERS:
1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1
2. PORT BLAKELY TREE FARMS, LTD.

PARCEL NUMBER: 027303009000

PAGE 8 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA



UPSTREAM SLOPE SECTION - B

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

ADJACENT PROPERTY OWNERS:
1. LEWIS COUNTY PUBLIC UTILITY DISTRICT NO. 1
2. PORT BLAKELY TREE FARMS, LTD.

LOCATION:
1378 FALLS ROAD, RANDLE, WA 98377

LAT/LONG:
46°27'58.75923"N/122°06'31.45843"W

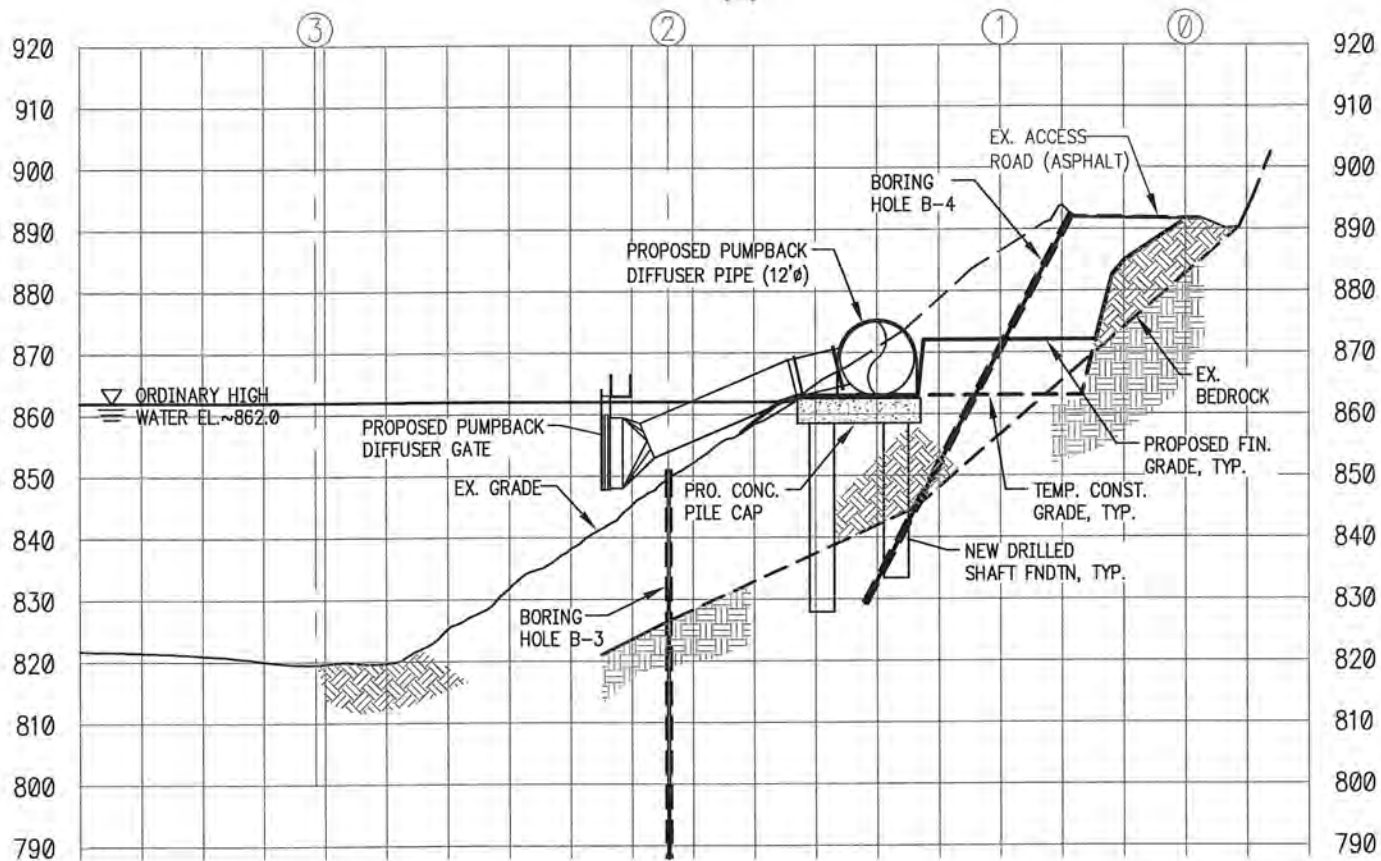
PARCEL NUMBER: 027303009000

PAGE 9 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA

0 15 30 60 90 FT
SCALE: 1"=60'



C UPSTREAM SLOPE SECTION - C
xx SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

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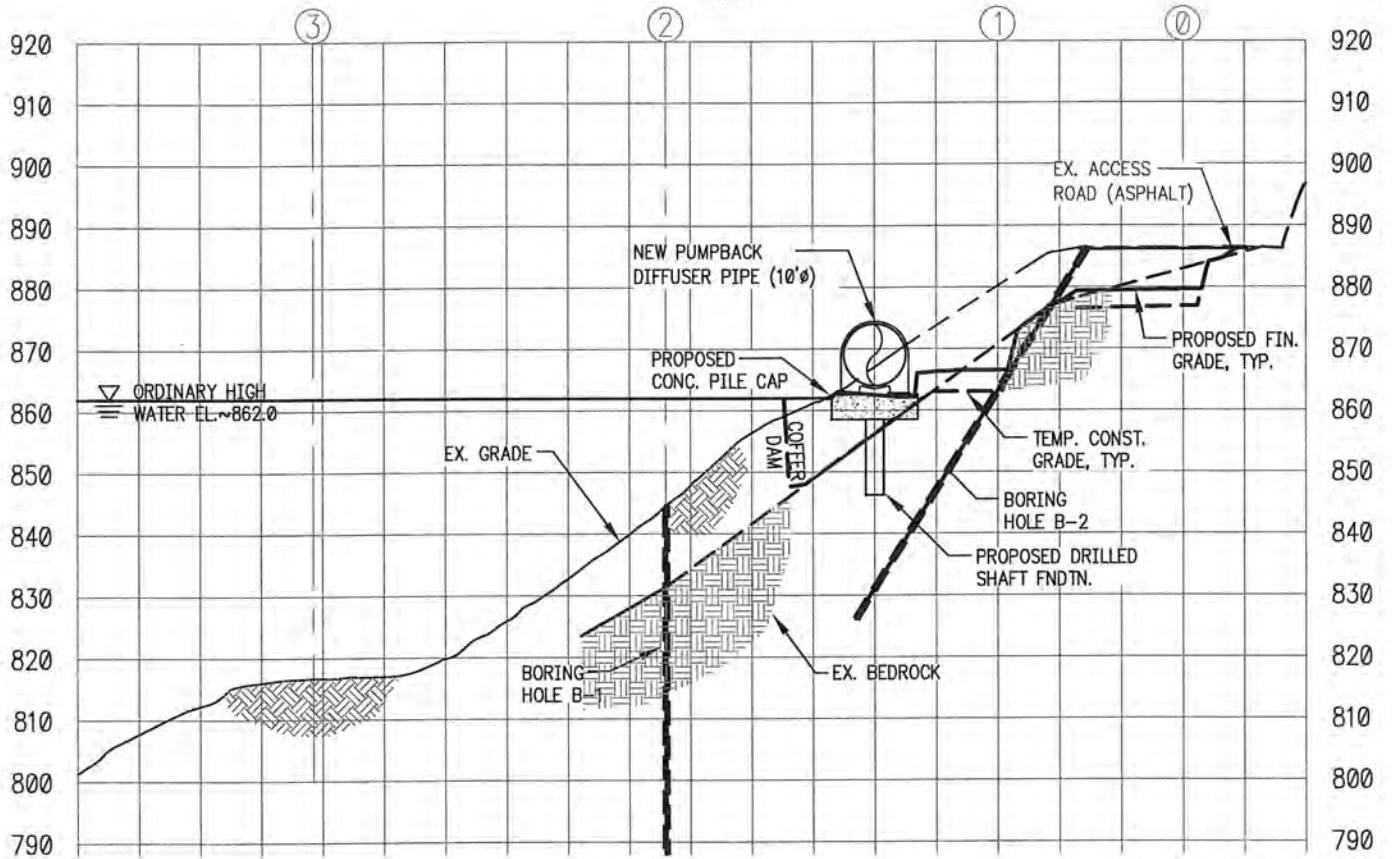
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PAGE 10 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA

0 15 30 60 90 FT
SCALE: 1"=60'



D
xx

UPSTREAM SLOPE SECTION - D

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

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LOCATION:
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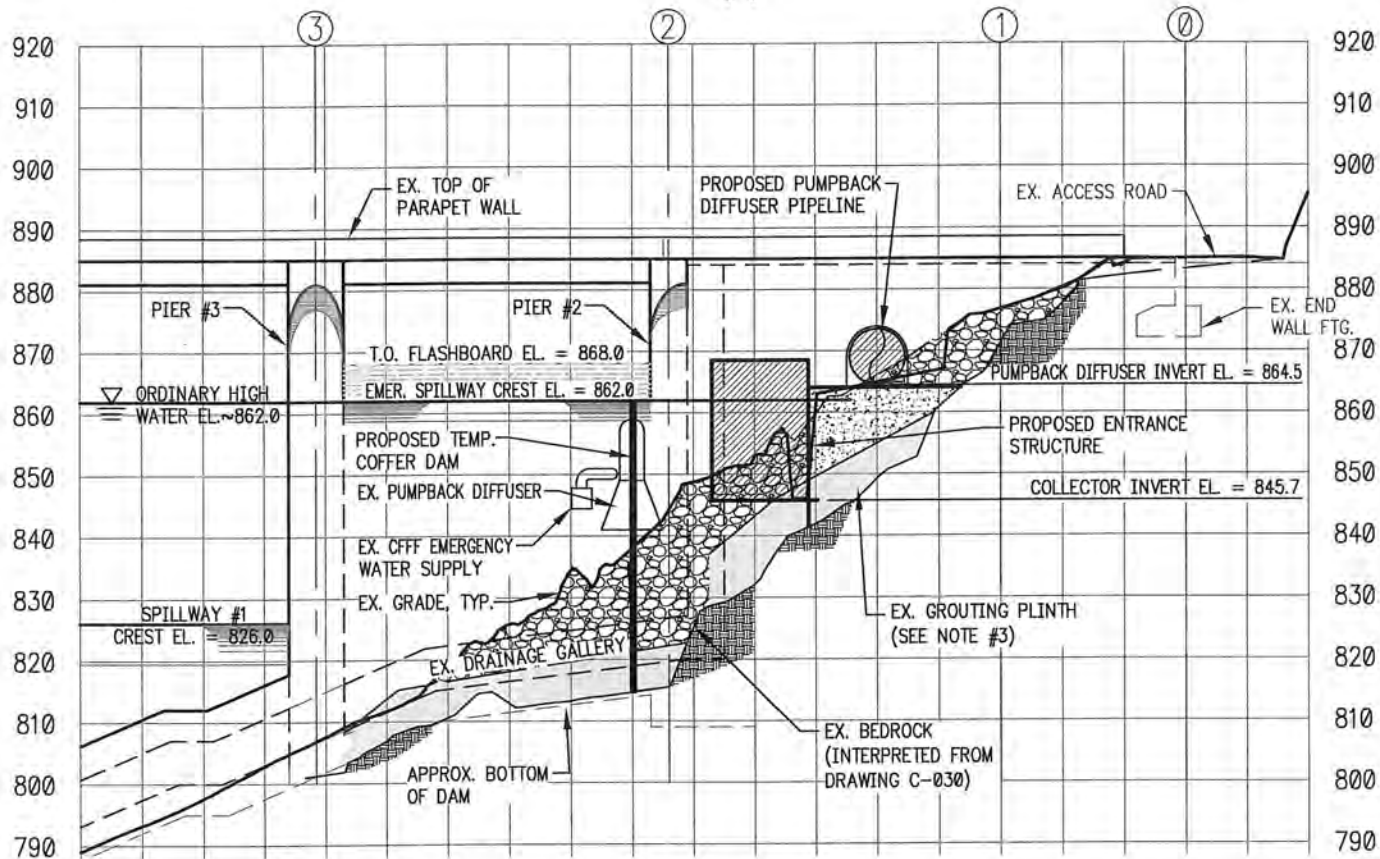
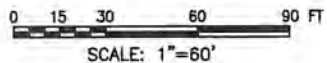
LAT/LONG:
46°27'58.75923"N/122°06'31.45843W

PARCEL NUMBER: 027303009000

PAGE 11 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA



UPSTREAM SLOPE SECTION - E

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

LOCATION:
1378 FALLS ROAD, RANDLE, WA 98377

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

LAT/LONG:
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PARCEL NUMBER: 027303009000

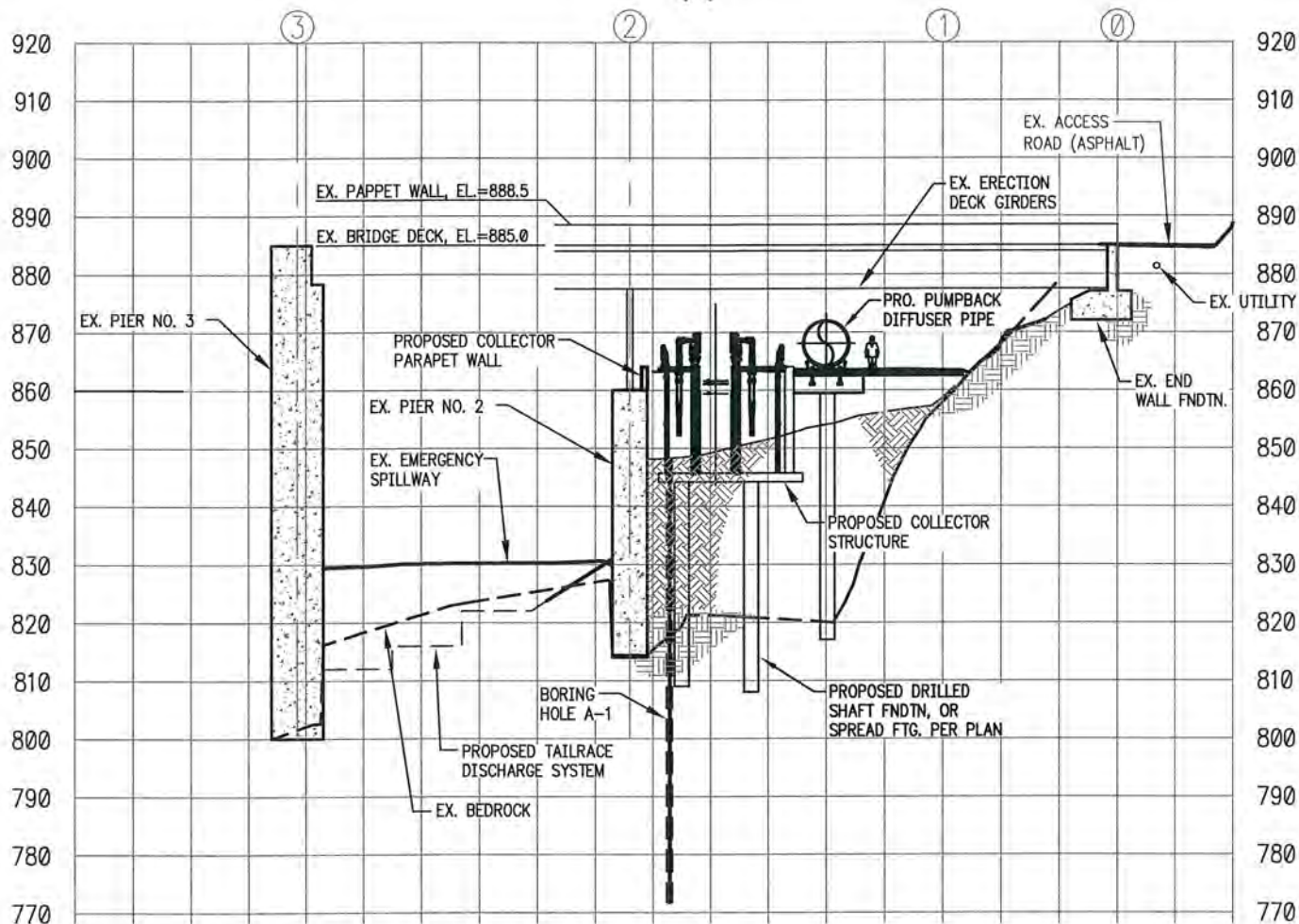
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PAGE 12 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA

0 15 30 60 90 FT
SCALE: 1"=60'



DOWNSTREAM SLOPE SECTION - F

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
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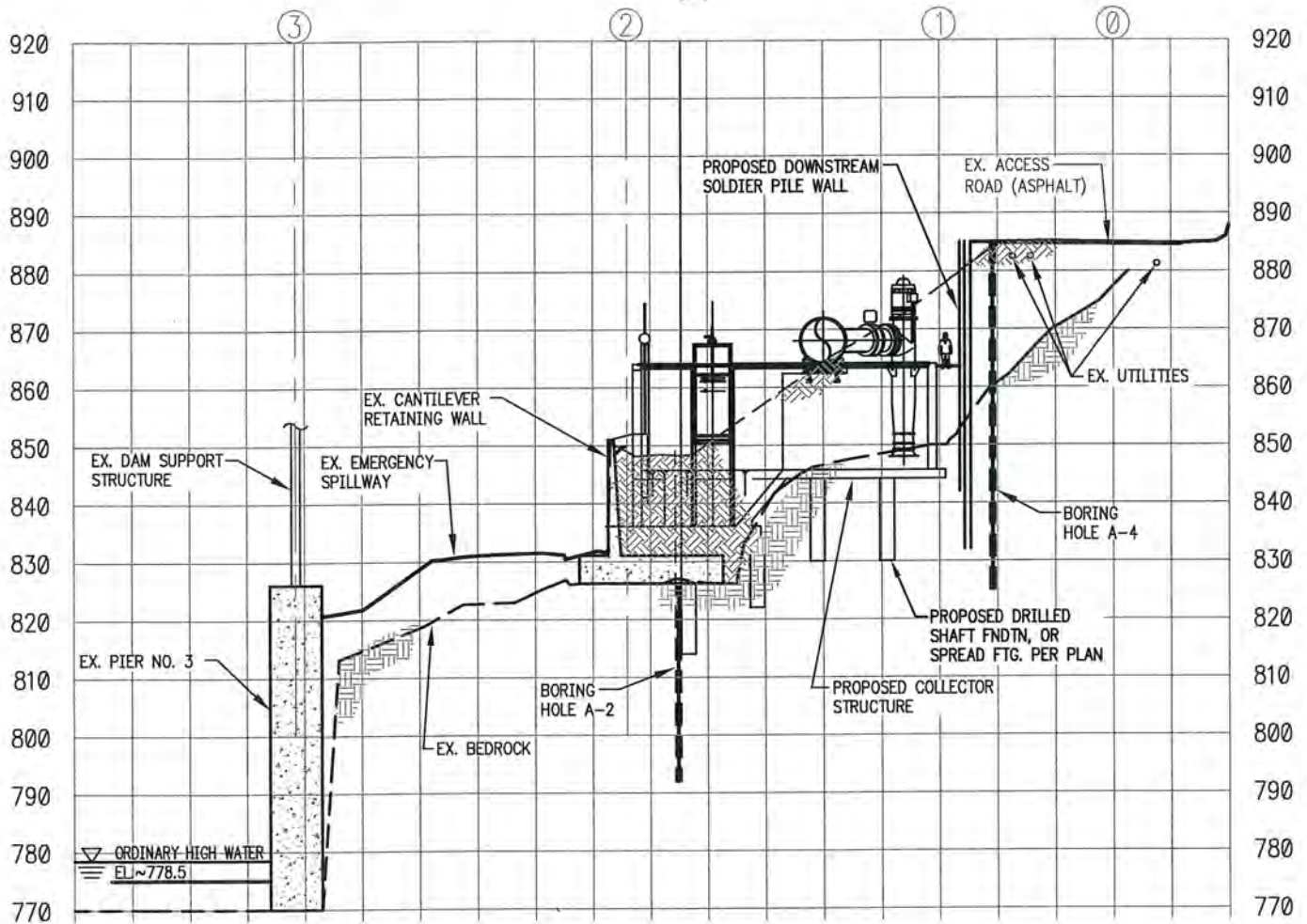
PARCEL NUMBER: 027303009000

PAGE 13 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA

0 15 30 60 90 FT
SCALE: 1"=60'



G
1-C22

DOWNSTREAM SLOPE SECTION - G

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

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TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

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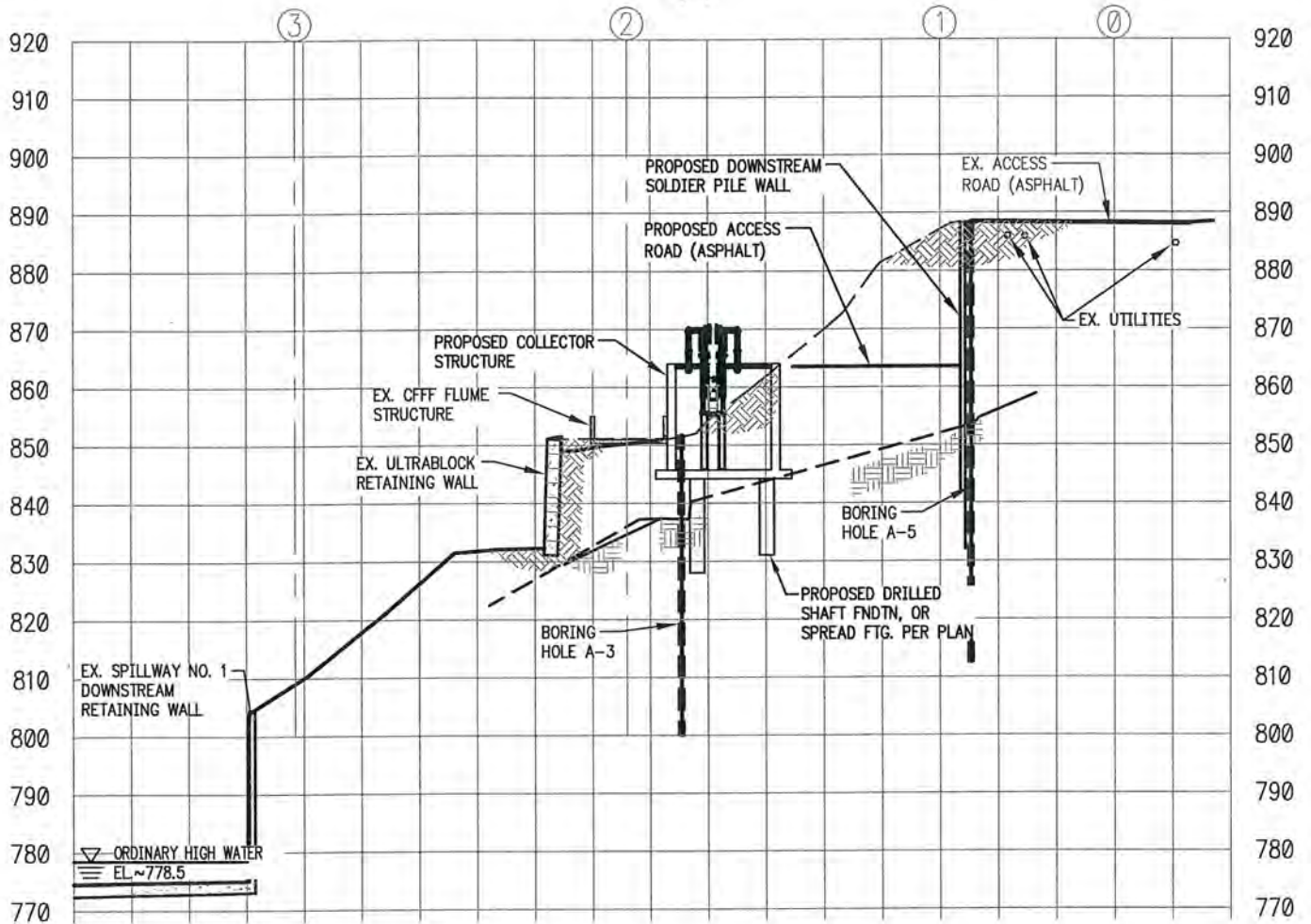
PARCEL NUMBER: 027303009000

PAGE 14 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA

0 15 30 60 90 FT
SCALE: 1"=60'



DOWNSTREAM SLOPE SECTION - H

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

APPLICANT NAME:
TACOMA POWER
3628 SOUTH 35TH STREET, TACOMA, WA 98409-3192

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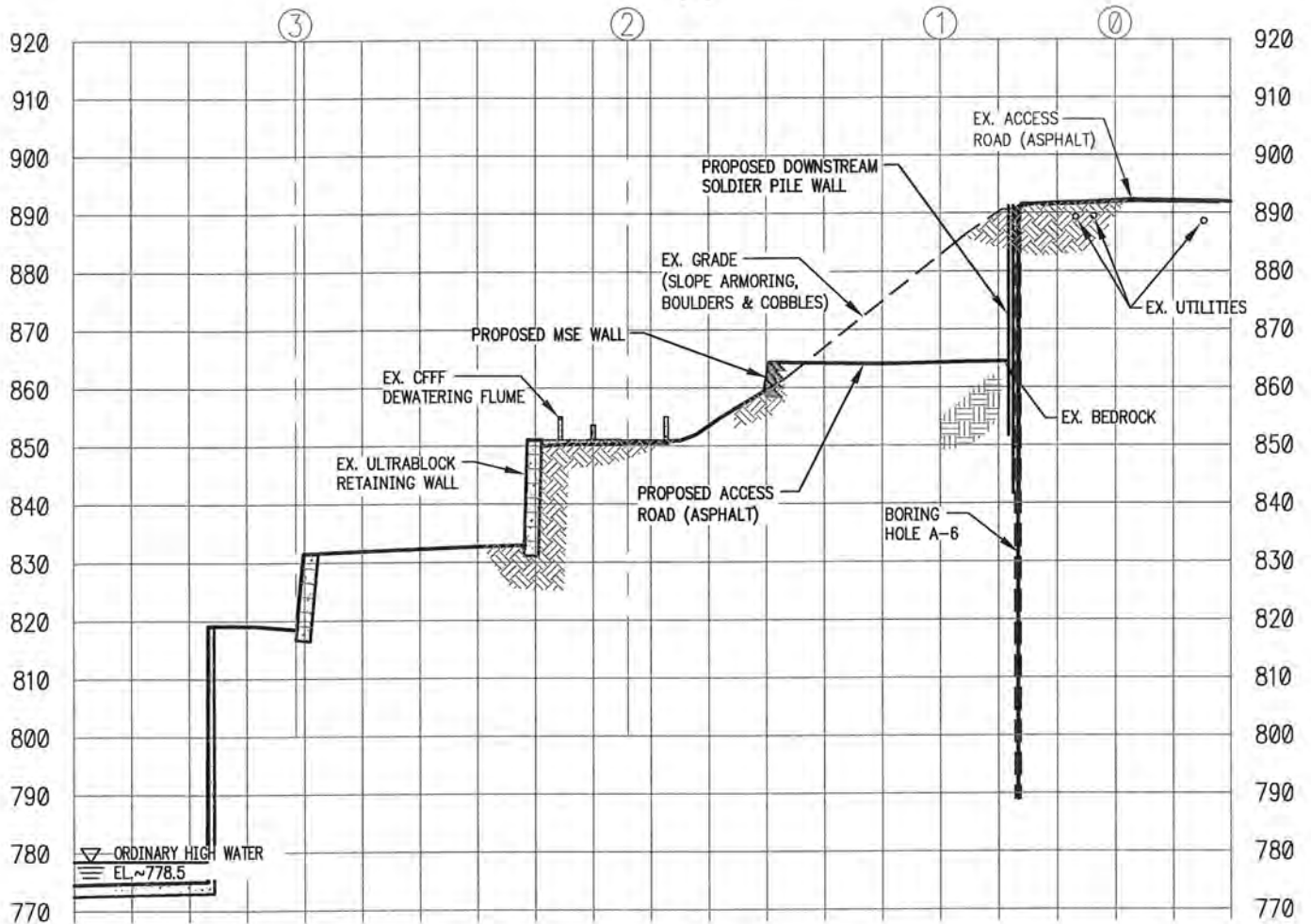
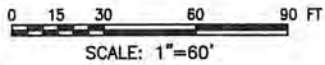
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46°27'58.75923"N/122°06'31.45843W

PARCEL NUMBER: 027303009000

PAGE 15 OF 16 DATE: August 25, 2014

PROPOSED PROJECT:
COWLITZ FALLS NORTH SHORE COLLECTOR

IN: T11N, R6E, SEC 6
NEAR/AT: RANDLE, WA
COUNTY: LEWIS
STATE: WA



DOWNSTREAM SLOPE SECTION - J

SCALE: 1" = 30'

REFERENCE: 201400846 Purpose: fish passage

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