



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 (360) 734-3156  
Attn: Randel Perry, 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: August 12, 2016**  
**Expiration Date: September 11, 2016**

Reference No.: NWS-2016-720  
Name: Friday Harbor, Town of

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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 August 2016.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. 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:** Town of Friday Harbor  
Attention: Mr. Duncan Wilson  
60 Second Street  
Friday Harbor, Washington 98250  
Telephone: (360) 378-2810

**AGENT:** PND Engineers, Inc.  
Attention: Mr. Steve Robert  
1736 Fourth Avenue South, Suite A  
Seattle, Washington 98134  
Telephone: (206) 624-1387

**LOCATION:** In Friday Harbor at Friday Harbor, San Juan County, Washington.

**WORK:** Place fill and structures in Friday Harbor to construct a stormwater treatment vault.

**PURPOSE:** Improve water quality treatment.

**ADDITIONAL INFORMATION:** The project would entail excavation of 15 cubic yards from 0.01 of an acre along 65 linear feet of shoreline waterward of mean higher high water and installation of 400 cubic yards of rock and an approximately 448-square-foot stormwater treatment vault in 0.03 of an acre. The work would involve excavation of sediments to create a trench in the seafloor. A new bulkhead wall will be placed at the outboard edge of the excavated area. The new bulkhead would be approximately 65 lineal feet long, extending from an existing concrete bulkhead to the north to an adjacent pier to the south. The area behind the new bulkhead would be

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backfilled and compacted and a geogrid layer will be placed on top. Placement of fill material would occur between tide cycles to facilitate the proper placement and compaction of the fill. The new stormwater treatment vault would be constructed on top of the fill. Post-construction, the new vault and rock base would form a new bulkhead approximately 20 feet waterward from the current existing shoreline. The vault would be covered and the surface space above it used to expand and enhance the existing public area at Memorial Park. Work would be performed using land based equipment (excavators, etc.) staged in Memorial Park. Prior to start of any earthwork, a turbidity curtain would be installed in the water surrounding the project.

MITIGATION: No mitigation proposed.

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 will conduct Section 7 consultations with USFWS and NMFS.

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. If the Corps determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

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. Historic properties are recorded near the proposed project. However, they do not occur in the permit area. The permit area has been so extensively disturbed by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property. 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.

NWS-2016-720, Friday Harbor, Town of

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: Clean fill material (rock, etc.) would be obtained from a local 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 the Town of Friday Harbor.

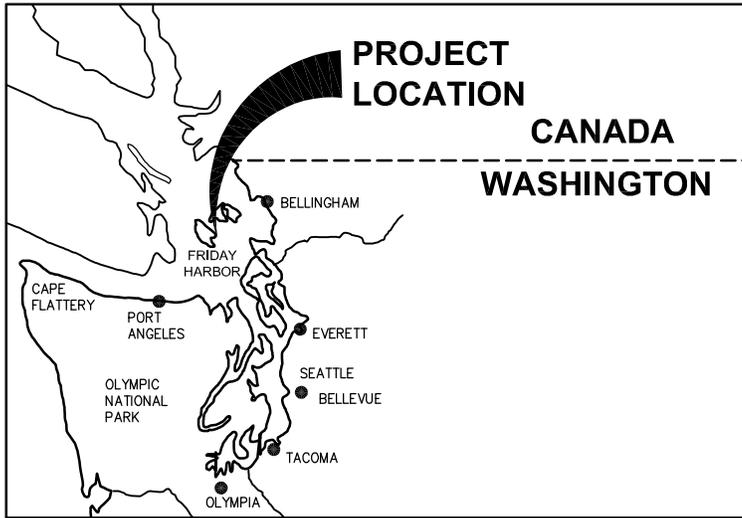
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from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

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Friday Harbor, Town of, NWS-2016-720.

Encl: Figures (6)

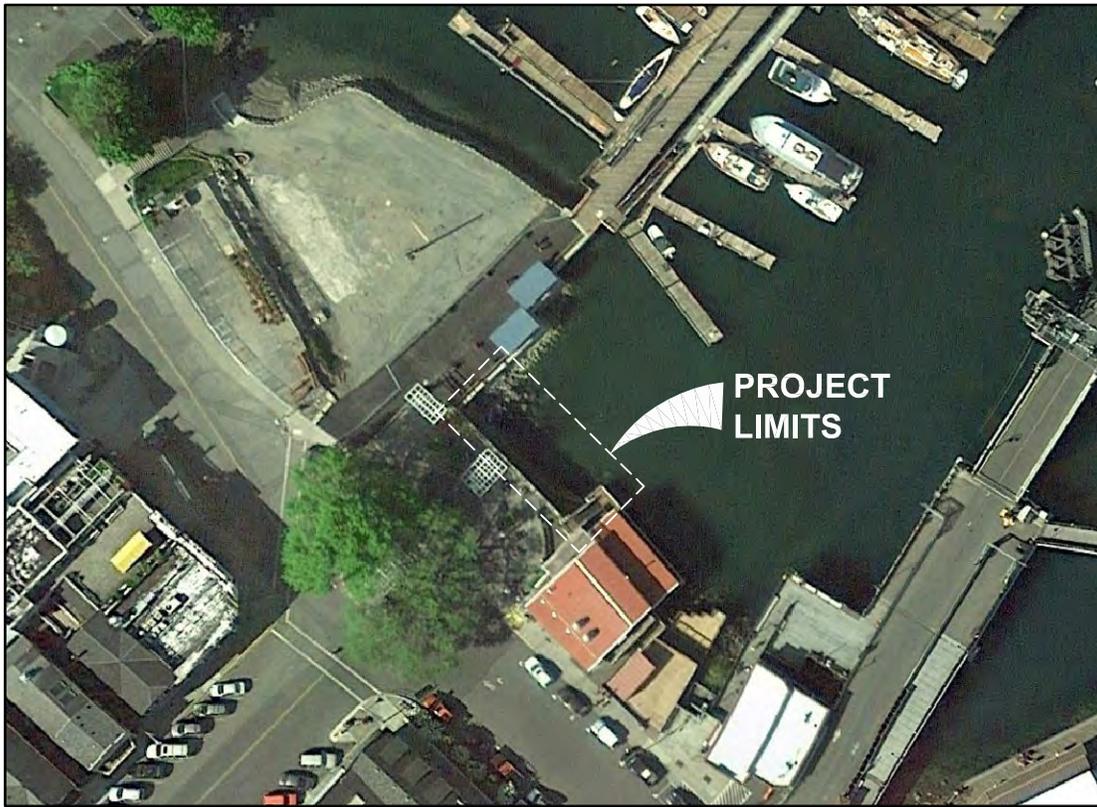


**VICINITY**  
NTS

LAT 48° 32' 7.81 N  
LONG 123° 00' 54.14 W

TIDAL INFORMATION

HIGHEST OBSERVED TIDE	+11.15'
ORDINARY HIGH WATER	+8.5'
MEAN HIGHER HIGH WATER	+7.76'
MEAN HIGH WATER	+7.11'
MEAN LOW WATER	+2.29'
MEAN LOWER LOW WATER	0.00'
LOWEST OBSERVED TIDE (ESTIMATED)	-3.55'



**SITE MAP**  
NTS

Corps Ref# NWS-2016-720

**PURPOSE:** INSTALLATION OF A NEW STORMWATER TREATMENT VAULT

**DATUM:** 0.0' MLLW

**ADJACENT PROPERTY OWNERS:**

1. PUBLIC ROW
2. PORT OF FRIDAY HARBOR
3. WESTERN PRINCE WHALE & WILDLIFE TOURS

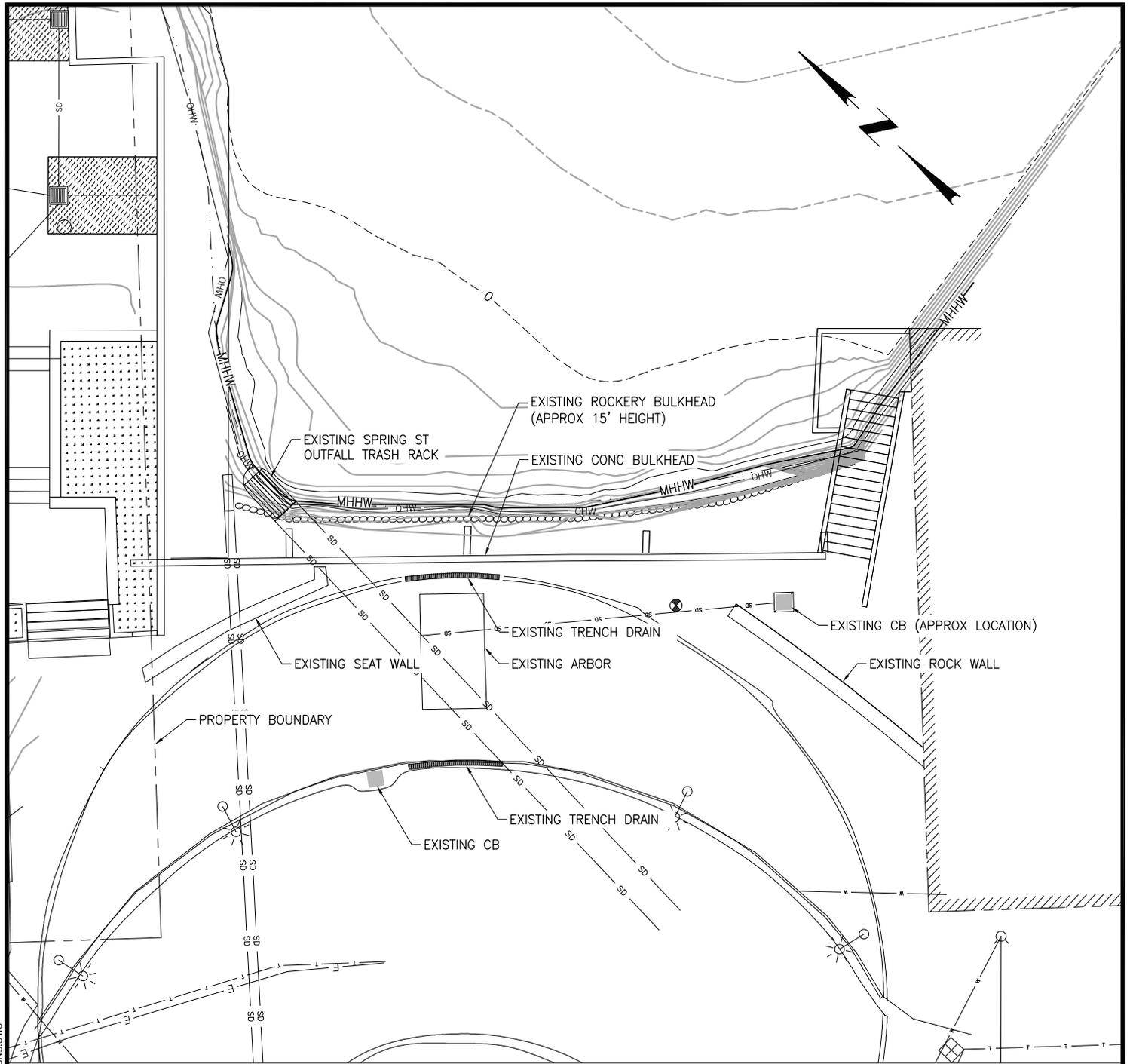
**FRIDAY HARBOR  
SPRING STREET  
STORMWATER VAULT  
VICINITY AND  
SITE MAP**

PORT OF FRIDAY HARBOR  
85 FRONT STREET, PO BOX 889  
FRIDAY HARBOR, WA 98250

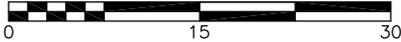
**PROPOSED:** INSTALL NEW 60'x5' TREATMENT VAULT

**IN:** FRIDAY HARBOR  
**AT:** FRIDAY HARBOR, WA  
SAN JUAN COUNTY  
SEC. 13 T35N, RG3E

**APPLICATION BY:**  
TOWN OF FRIDAY HARBOR  
**SHEET 1 of 6 DATE:** AUG. 2016



SCALE IN FEET



**PURPOSE:** INSTALLATION OF A NEW STORMWATER TREATMENT VAULT

**DATUM:** 0.0' MLLW

**ADJACENT PROPERTY OWNERS:**

1. PUBLIC ROW
2. PORT OF FRIDAY HARBOR
3. WESTERN PRINCE WHALE & WILDLIFE TOURS

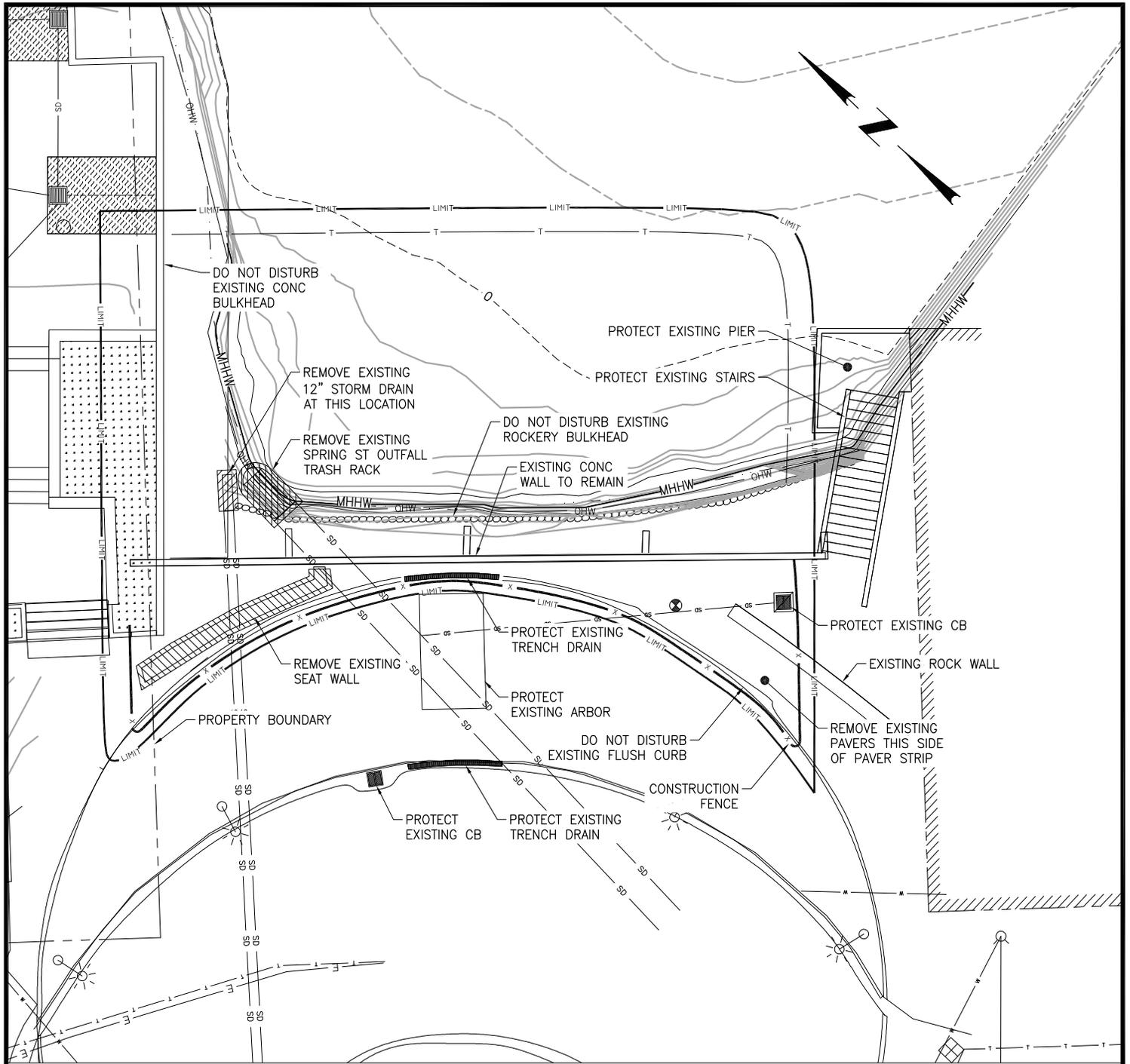
**FRIDAY HARBOR  
SPRING STREET  
STORMWATER VAULT  
EXISTING CONDITIONS  
NWS-2016-720**

PORT OF FRIDAY HARBOR  
85 FRONT STREET, PO BOX 889  
FRIDAY HARBOR, WA 98250

**PROPOSED:** INSTALL NEW 60'x5' TREATMENT VAULT

**IN:** FRIDAY HARBOR  
**AT:** FRIDAY HARBOR, WA  
SAN JUAN COUNTY  
SEC. 13 T35N, RG3E

**APPLICATION BY:**  
TOWN OF FRIDAY HARBOR  
**SHEET 2 of 7 DATE:** AUG. 2016



**PURPOSE:** INSTALLATION OF A NEW STORMWATER TREATMENT VAULT

**DATUM:** 0.0' MLLW

**ADJACENT PROPERTY OWNERS:**

1. PUBLIC ROW
2. PORT OF FRIDAY HARBOR
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**FRIDAY HARBOR  
SPRING STREET  
STORMWATER VAULT**

**DEMO PLAN**

NWS-2016-720

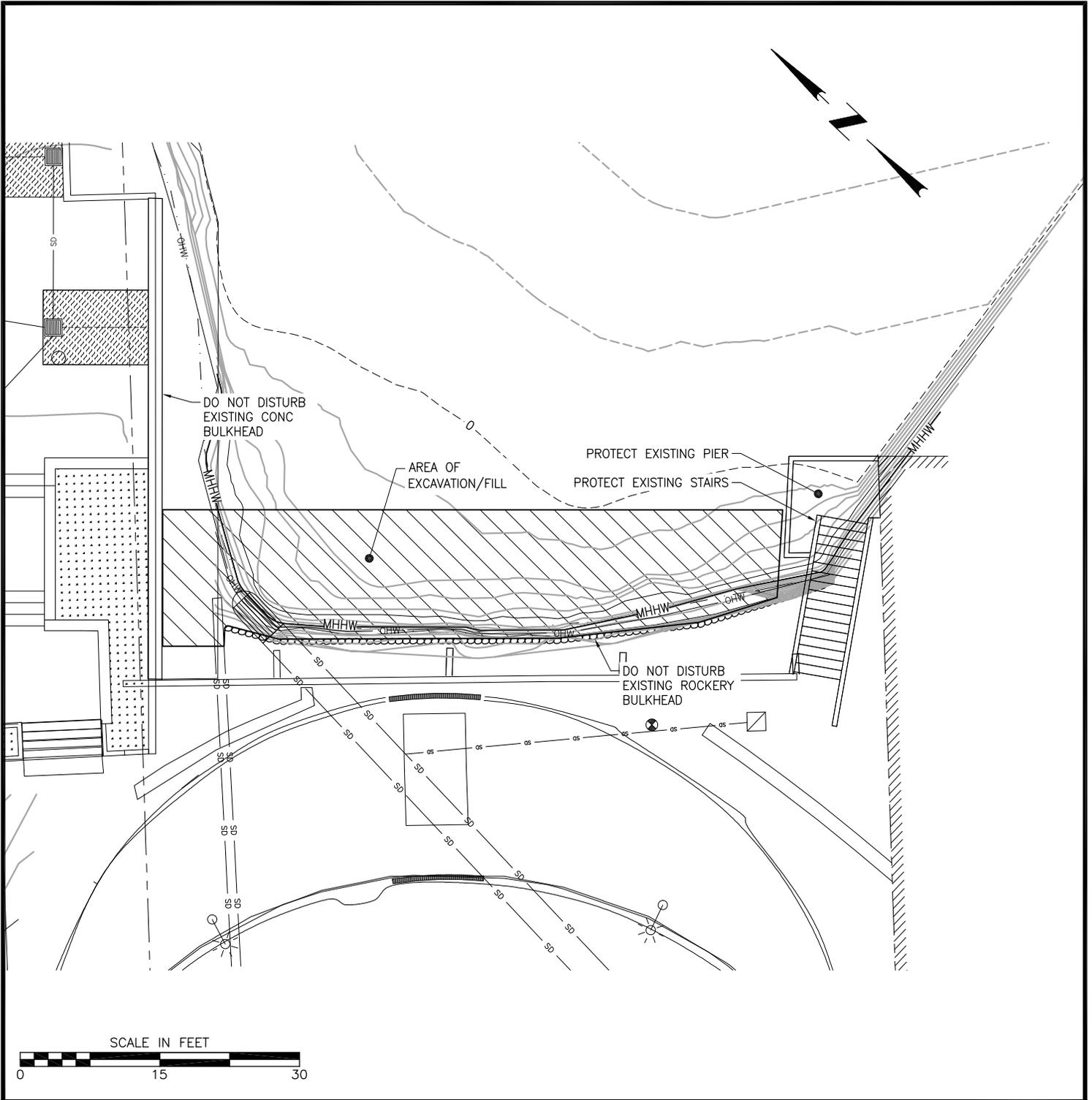
PORT OF FRIDAY HARBOR  
85 FRONT STREET, PO BOX 889  
FRIDAY HARBOR, WA 98250

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**APPLICATION BY:**  
TOWN OF FRIDAY HARBOR  
**SHEET 3 of 7 DATE:** AUG. 2016

8/9/16\_JAMES  
J. 2016 1684028 SPRING ST STORMWATER VAULT.03 DEMO PLAN.DWG



8/9/16\_JAMES J. 2016 1684028 SPRING ST STORMWATER VAULT 04 AREA OF EXCAVATION & FILL.DWG

**PURPOSE:** INSTALLATION OF A NEW STORMWATER TREATMENT VAULT

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**FRIDAY HARBOR  
SPRING STREET  
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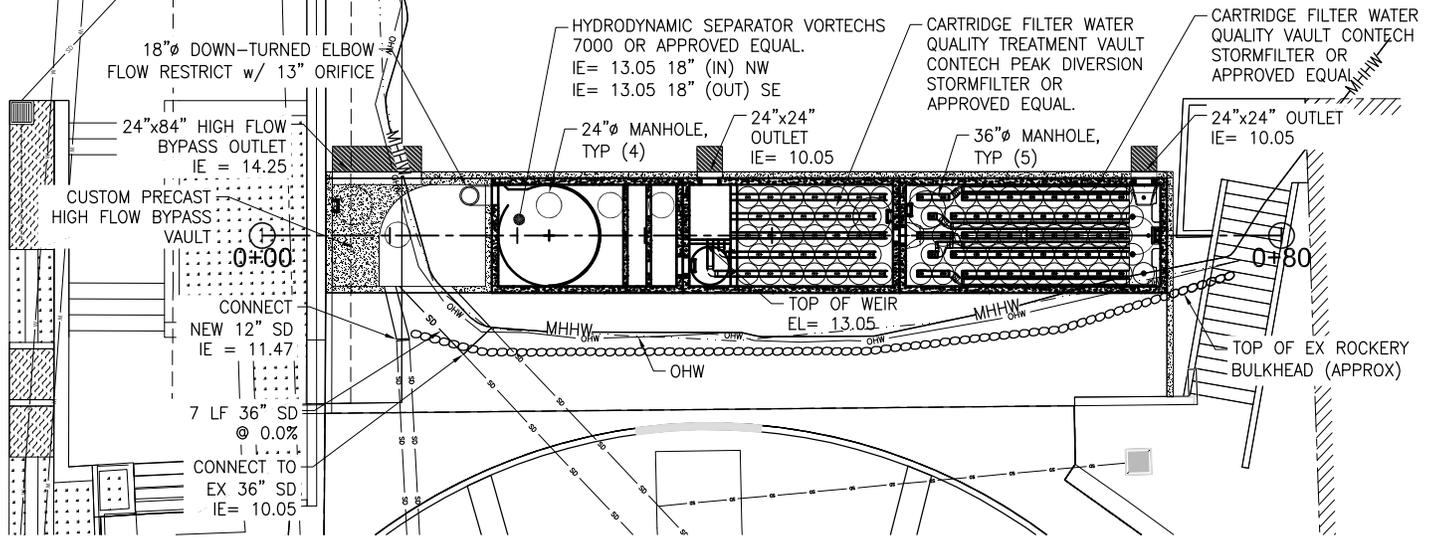
**AREA OF EXCAVATION/FILL**  
NWS-2016-720

PORT OF FRIDAY HARBOR  
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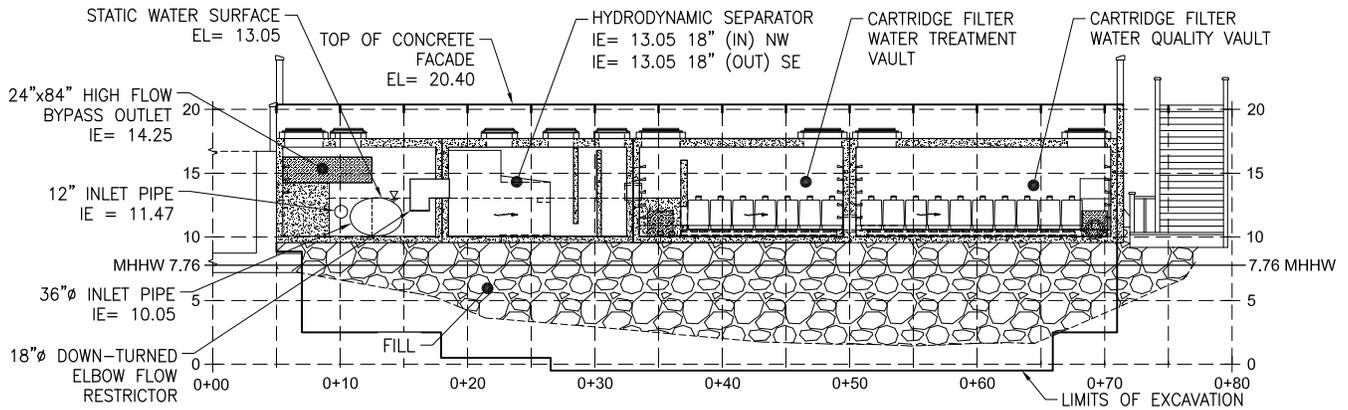
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SEC. 13 T35N, RG3E

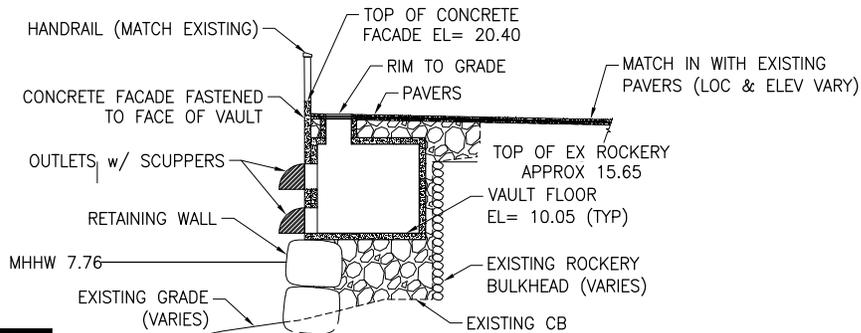
**APPLICATION BY:**  
TOWN OF FRIDAY HARBOR  
**SHEET 4 of 7 DATE:** AUG. 2016



**TREATMENT VAULT PLAN**



**TREATMENT VAULT PROFILE**



**TYPICAL VAULT SECTION**

NWS-2016-720

**PURPOSE:** INSTALLATION OF A NEW STORMWATER TREATMENT VAULT

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**FRIDAY HARBOR  
SPRING STREET  
STORMWATER VAULT  
TREATMENT VAULT  
PLAN & PROFILE**

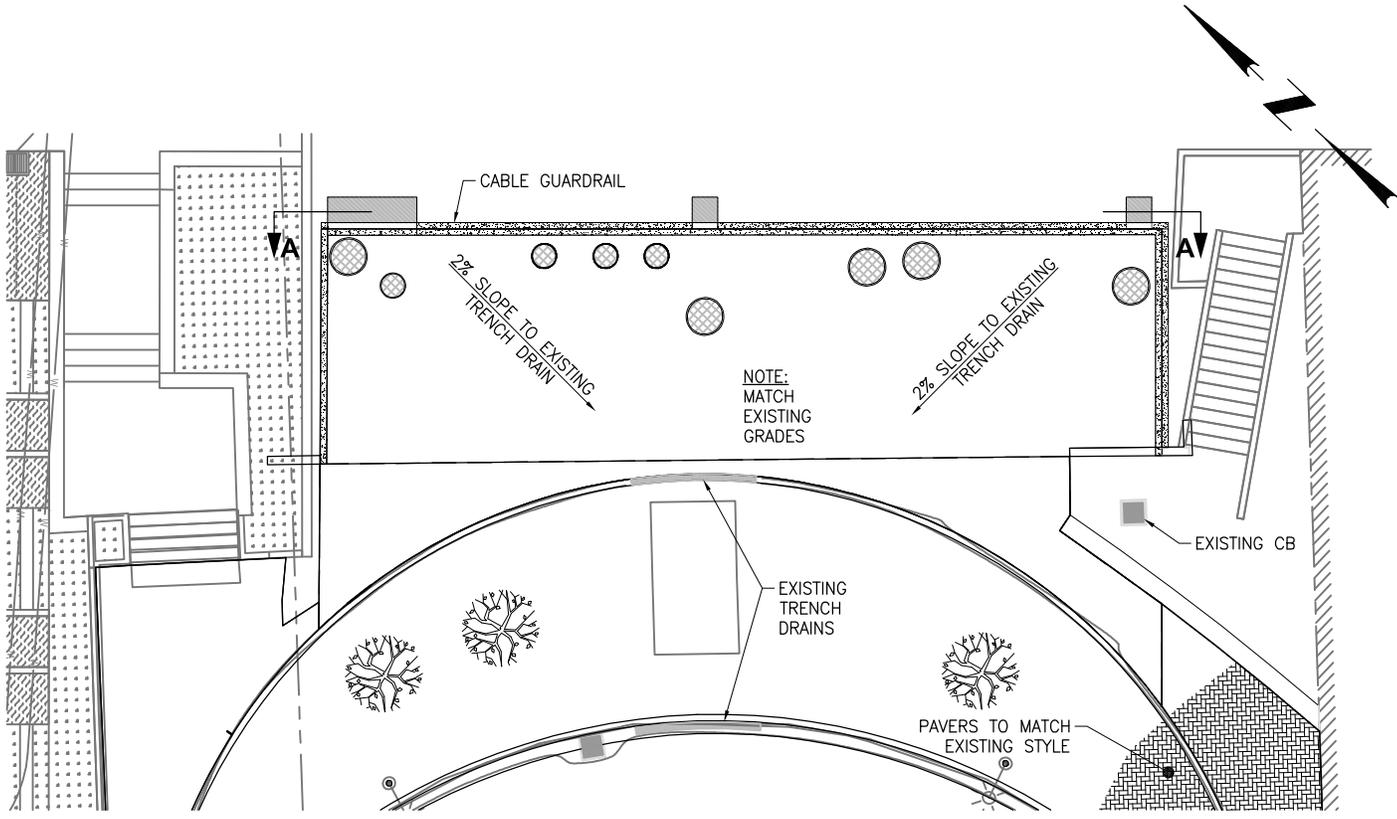
PORT OF FRIDAY HARBOR  
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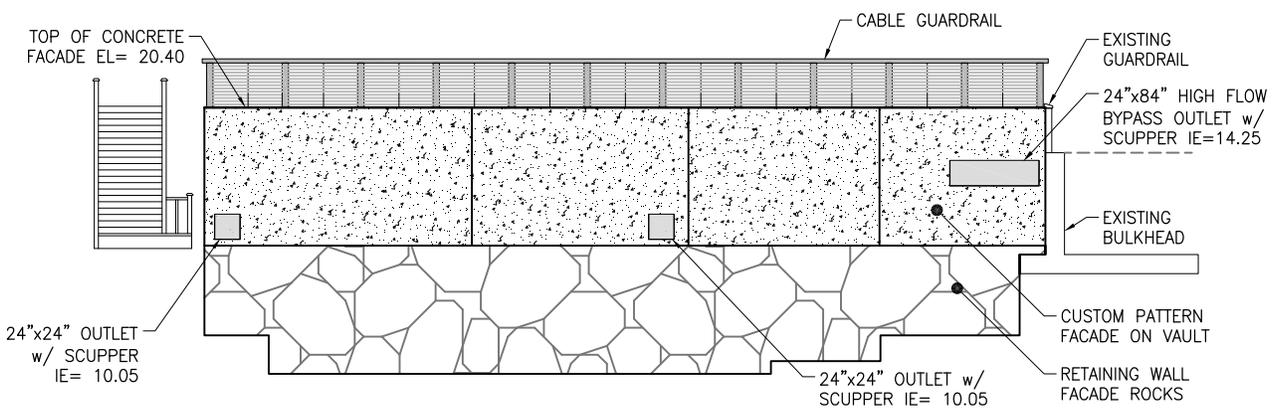
**IN:** FRIDAY HARBOR  
**AT:** FRIDAY HARBOR, WA  
SAN JUAN COUNTY  
SEC. 13 T35N, RG3E

**APPLICATION BY:**  
TOWN OF FRIDAY HARBOR  
**SHEET 5 of 7 DATE:** AUG. 2016

8/9/16\_JAMES J. 2016 1604028 SPRING ST STORMWATER VAULT 05 TREATMENT VAULT PLAN & PROFILE.DWG



**PAVING PLAN**



**FRONT VIEW OF VAULT A-A**

NWS-2016-720

**PURPOSE:** INSTALLATION OF A NEW STORMWATER TREATMENT VAULT

**DATUM:** 0.0' MLLW

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1. PUBLIC ROW
2. PORT OF FRIDAY HARBOR
3. WESTERN PRINCE WHALE & WILDLIFE TOURS

**FRIDAY HARBOR  
SPRING STREET  
STORMWATER VAULT  
PAVING PLAN &  
VAULT ELEVATION**

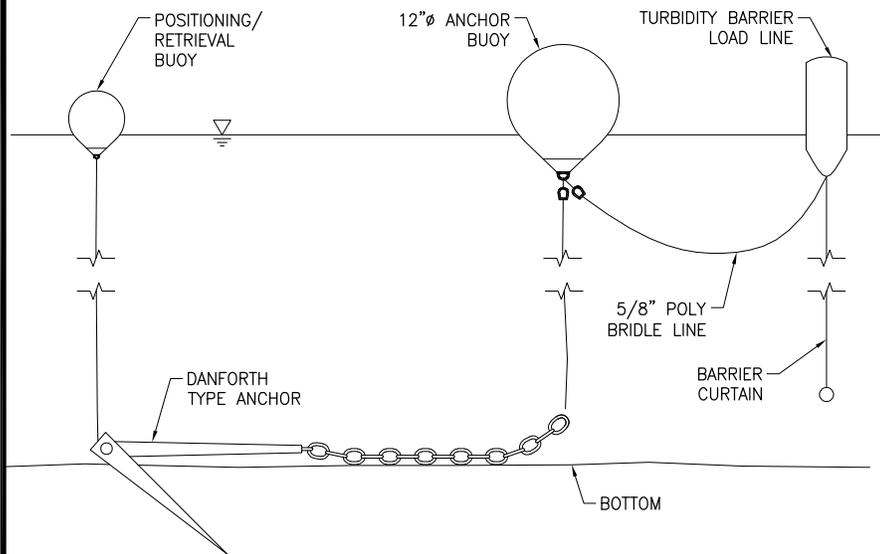
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**APPLICATION BY:**  
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**SHEET 6 of 7 DATE:** AUG. 2016

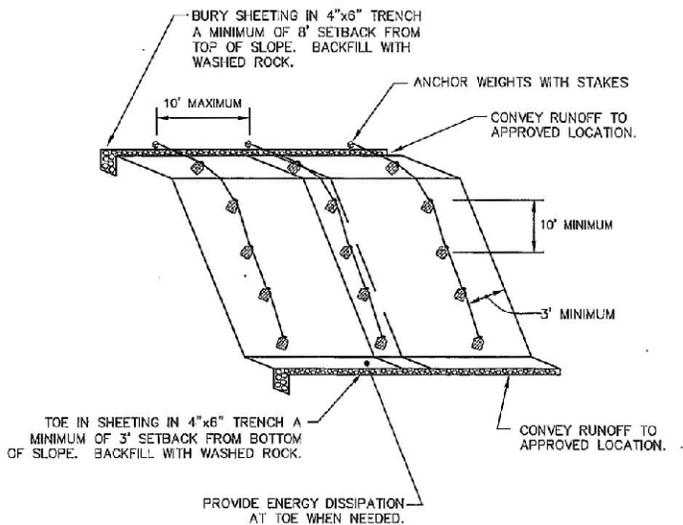
8/9/16\_JAMES J. 2016 1604028 SPRING ST STORMWATER VAULT 06 PAVING PLAN & VAULT ELEVATION.DWG



### TURBIDITY CURTAIN DETAIL

**NOTES:**

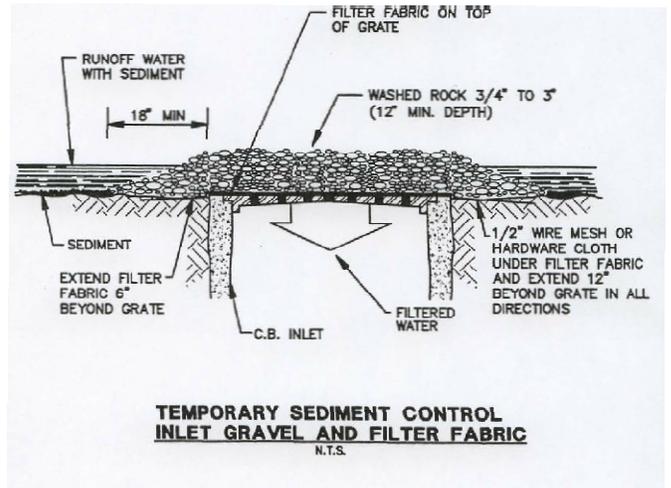
1. TURBIDITY CURTAIN SHALL BE INSTALLED ACCORDING TO APPLICABLE PERMIT REQUIREMENTS.
2. FOLLOW MANUFACTURER RECOMMENDATIONS AND GUIDELINES FOR INSTALLATION AND SAFETY MEASURES.
3. ADD A SUITABLE WEIGHT OR ANCHORING SYSTEM TO THE BOTTOM OF THE CURTAIN.
4. ORIENT TURBIDITY CURTAINS PARALLEL TO THE DIRECTION OF FLOW AND EXTEND THE ENTIRE DEPTH OF THE WATERCOURSE IN CALM-WATER SITUATIONS.
5. THE TOP OF THE CURTAIN SHALL CONSIST OF FLEXIBLE FLOTATION BUOYS, AND THE BOTTOM SHOULD BE HELD DOWN BY A LOAD LINE INCORPORATED INTO THE CURTAIN FABRIC. THE FABRIC SHOULD BE A BRIGHTLY COLORED IMPERVIOUS MESH.
6. PLACE ONE ANCHOR AT LEAST EVERY 100 FEET, OR AS NEEDED, THEN TOW THE FABRIC OUT IN A FURLED CONDITION, AND CONNECT TO THE ANCHORS USING THE FLOTATION DEVICES. DO NOT CONNECT ANCHORS TO THE BOTTOM OF THE CURTAIN. ONCE IN PLACE, CUT THE FURLING LINES AND ALLOW THE BOTTOM OF THE CURTAIN TO SINK.
7. ALLOW PARTICLES TO SETTLE FOR A MINIMUM OF 6 TO 12 HOURS PRIOR TO THEIR REMOVAL OR PRIOR TO REMOVAL OF THE TURBIDITY CURTAIN.
8. INSPECT DAILY.
9. IF REPAIRS ARE REQUIRED, FOLLOW DIRECTIONS IN REPAIR KIT INSTRUCTIONS.
10. FOLLOW MANUFACTURER RECOMMENDATIONS FOR REMOVAL.



**NOTES:**

1. TIRES, SANDBAGS, OR EQUIVALENT MAY BE USED TO WEIGH DOWN PLASTIC SHEETING.
2. SEAMS BETWEEN SHEETS MUST OVERLAP A MINIMUM OF 12" AND BE WEIGHTED OR TAPED.
3. PLASTIC SHEETING SHALL HAVE A MINIMUM THICKNESS OF 6 MIL.
4. DUE TO RAPID RUNOFF CAUSED BY PLASTIC SHEETING, THIS METHOD SHALL NOT BE USED UPSLOPE OF AREAS THAT MIGHT BE ADVERSELY IMPACTED BY CONCENTRATED RUNOFF.
5. CONSTRUCT BERM OR SWALE AT TOP OF SLOPE AS DIRECTED BY THE CLEARING AND GRADING INSPECTOR.
6. CONSTRUCT DITCH AT BASE OF SLOPE AS REQUIRED BY CITY, AND DISCHARGE TO APPROVED LOCATION.

### PLASTIC COVERING DETAIL



**TEMPORARY SEDIMENT CONTROL INLET GRAVEL AND FILTER FABRIC**  
N.T.S.

### INLET PROTECTION DETAIL

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**FRIDAY HARBOR  
SPRING STREET  
STORMWATER VAULT  
TESC DETAILS  
NWS-2016-720**

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**SHEET 7 of 7 DATE:** AUG. 2016