

Port of Anacortes  
**Engineering and Institutional Controls Report**  
Year 7 – 2021

Cap Sante Marine Site  
Anacortes, WA  
Ecology Consent Decree No. 9917

*for*  
Washington State Department of Ecology  
August 30, 2021



Port of Anacortes  
100 Commercial Avenue  
Anacortes, WA 98221

Port of Anacortes  
100 Commercial Avenue  
Anacortes, WA 98221



August 27, 2021

Washington State Department of Ecology  
PO Box 47600  
Olympia, Washington 98504-7600  
Attention: Chris Maurer  
Subject: Engineering and Institutional Controls Monitoring Report – Year 7 – 2021  
Cap Sante Marine Site  
Anacortes, Washington  
Ecology Consent Decree No. 9917

## **INTRODUCTION**

This report presents a summary of the seventh annual engineering and institutional controls monitoring event for the Cap Sante Marine Site (Site) located in Anacortes, Washington. The Site includes portions of the Former Cap Sante Marine Lease Area and Fisherman’s Work and Parking Area. The Site is referenced in the Washington State Department of Ecology (Ecology) databases as the Cap Sante Marine Site (Ecology Facility/Site Identification No. 67532227) and is subject to a restrictive covenant recorded with the Skagit County Auditor on August 5, 2014 (Recoding No. 201408050034). Monitoring and maintenance activities are performed by the Port of Anacortes (Port) pursuant to the Ecology-approved Engineering and Institutional Controls Monitoring Plan (EICMP; GeoEngineers, 2014) to prevent human and terrestrial wildlife exposure to residual contamination exceeding cleanup levels that remains in-place at the Site, as described in Ecology’s Cleanup Action Plan (CAP; Ecology 2013).

The location of the Site relative to surrounding physical features is shown on Figure 1. Current Site conditions and the locations of Monitoring and Maintenance Area A and B are shown on Figure 2. Site history including previous use, area redevelopment and

cleanup actions implemented as well as, engineering and institutional controls established to prevent human/terrestrial wildlife exposure are summarized in the EICMP. Monitoring activities are summarized below.

### **MONITORING AND MAINTENANCE PROGRAM**

Monitoring and maintenance of site controls consist of routine reconnaissance visits and performing corrective actions as necessary to address conditions that may compromise the integrity of the protective barriers that are isolating residual Site contamination within Monitoring and Maintenance Areas A and B (Figure 2). Monitoring activities are performed on an annual basis unless non-routine activities such as maintenance work that disturbs subsurface soil. Additional monitoring occurs when non-routine activities that could potentially compromise the integrity of the protective barriers within these areas.

The monitoring program consists of 1) reviewing as-built plans and/or base maps of the Site layout and surrounding area; 2) reviewing previous monitoring reports and maintenance records; and 3) conducting a visual reconnaissance of Monitoring and Maintenance Areas A and B by walking the perimeter of these areas and completing multiple transects on a 20-foot minimum spacing to observe signs of breaching, cracking, deformation and/or erosion of the surface areas and signs of sheen along shoreline in the eastern portion of Monitoring and Maintenance Area A as well as evidence of any other anomalies or non-routine activities that may compromise the integrity of the protective barriers or result in the release of Site contaminants. Observed Site conditions for sixth annual monitoring and maintenance event are summarized below.

### **SUMMARY OF OBSERVED SITE CONDITIONS – YEAR 7 MONITORING EVENT**

Conditions within Monitoring and Maintenance Area A and B were evaluated during the August 2021 (Year 7) monitoring event. In accordance with the monitoring and maintenance program, visual reconnaissance along the perimeter and transects with these area was performed. The condition of the Site and visual observations are documented in the attached Engineering and Institutional Monitoring and Maintenance Report Form dated August 25, 2021 (Appendix A) and are generally similar to the previous monitoring events. However, there have been some changes in use from prior years.

The only non-routine activities that could compromise the soil, vegetation, or paved surfaces were demolition of an existing building and subsequent paving of the building footprint and installation of bollards and fencing to protect a relocated propane tank. The demolition and paving plans were communicated with Ecology and approved on March 13, 2020. This demolition and paving started in May of 2021 and was complete by July of 2021. Additionally, the Port relocated a propane tank and protected it in-place with

bollards and fencing in area of Monitoring and Maintenance Area A. The Port communicated this work on April 1, 2021 and was approved on April 23, 2021. The two non-routine activities described above have not compromised the protective barriers. The paving of the site provides an improved durable and impervious cap for subsurface contamination in Maintenance Area B; the ground cover previously was crushed gravel.

## **FUTURE MONITORING AND MAINTENANCE ACTIVITIES**

Future monitoring activities will be continued at the Site in accordance with the EICMP. Conditions at the Site requiring maintenance/corrective actions were not identified during the August 2021 monitoring event. The Port will continue to observe site conditions and perform maintenance/corrective activities on an as needed basis to ensure the long-term integrity and performance of the protective barriers to prevent human/terrestrial wildlife exposure to residual contamination remaining in-place. Summaries of these activities will be submitted to Ecology on an annual basis.

## **REFERENCES**

GeoEngineers, Inc., "Engineering and Institutional Controls Plan, Cap Sante Marine Site, Anacortes, Washington, Ecology Consent Decree No. 9917," GEI File No. 5147-005-10, prepared for the Washington State Department of Ecology on behalf of Port of Anacortes, August 6, 2014.

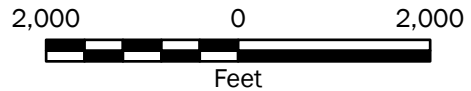
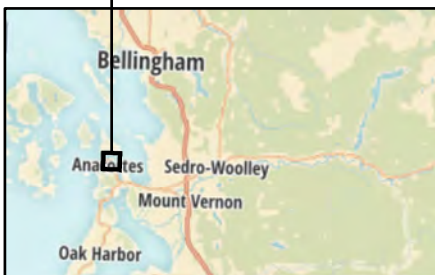
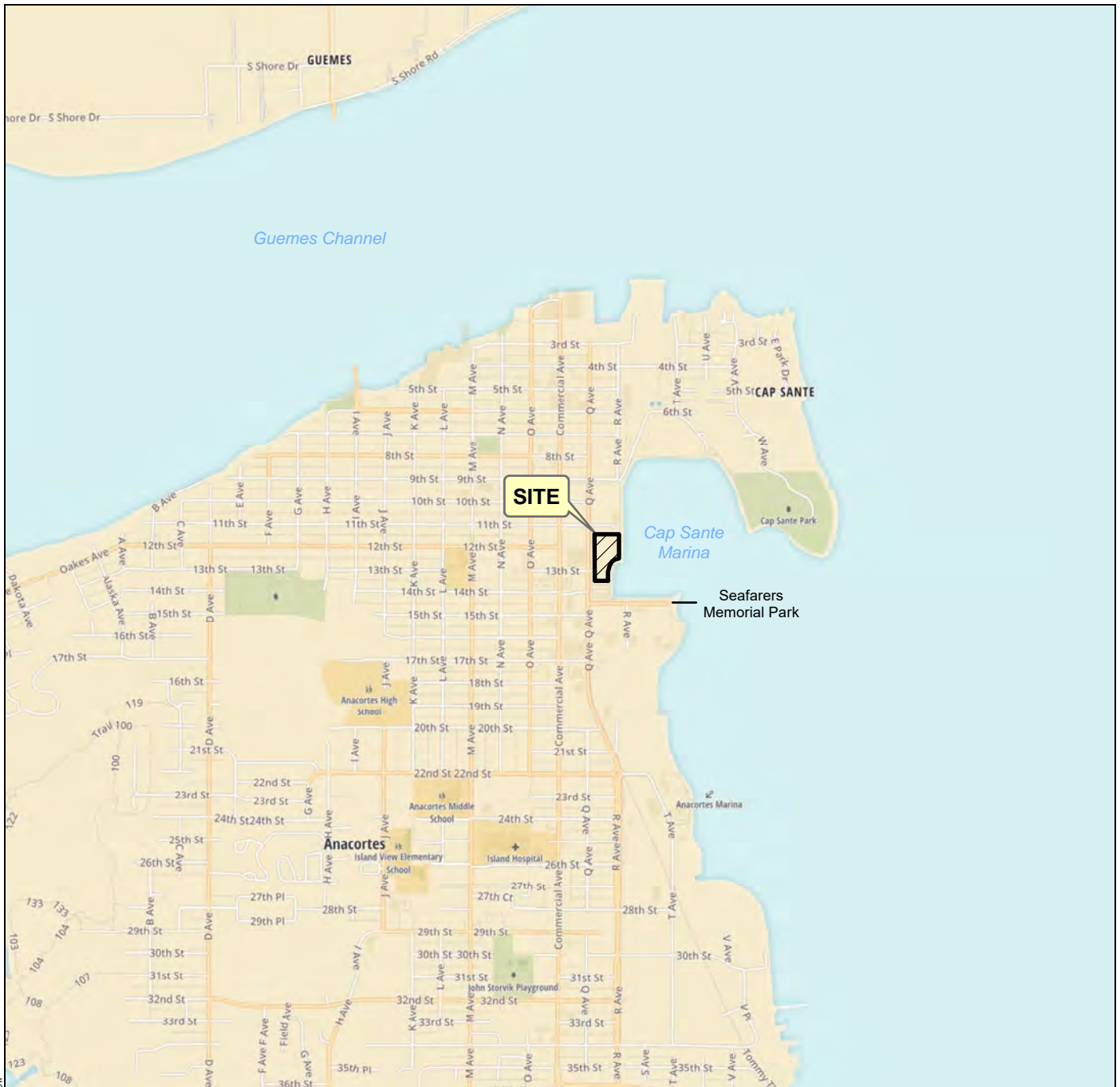
Washington State Department of Ecology (Ecology, 2013), "Cleanup Action Plan (CAP), Cap Sante Marine Site, Anacortes, Washington," by the Washington State Department of Ecology, Toxics Cleanup Program, Lacey, Washington, December 10, 2013.

Sincerely,  
Port of Anacortes  
Kevin Anderson  
Environmental Specialist

### Attachments:

- Figure 1. Vicinity Map
- Figure 2. Site Plan
- Appendix A. 2021 Engineering and Institutional Monitoring and Maintenance Report Form
- Appendix B. Monitoring and Maintenance Area A and B Photographs
- Appendix C. Correspondence with Ecology on non-routine actions in 2021
- Appendix D. As-built plans for the paving within Maintenance Area B

**FIGURES 1 AND 2**  
Vicinity Map and Site Plan



**Vicinity Map**

Cap Sante Marine Site  
Anacortes, Washington



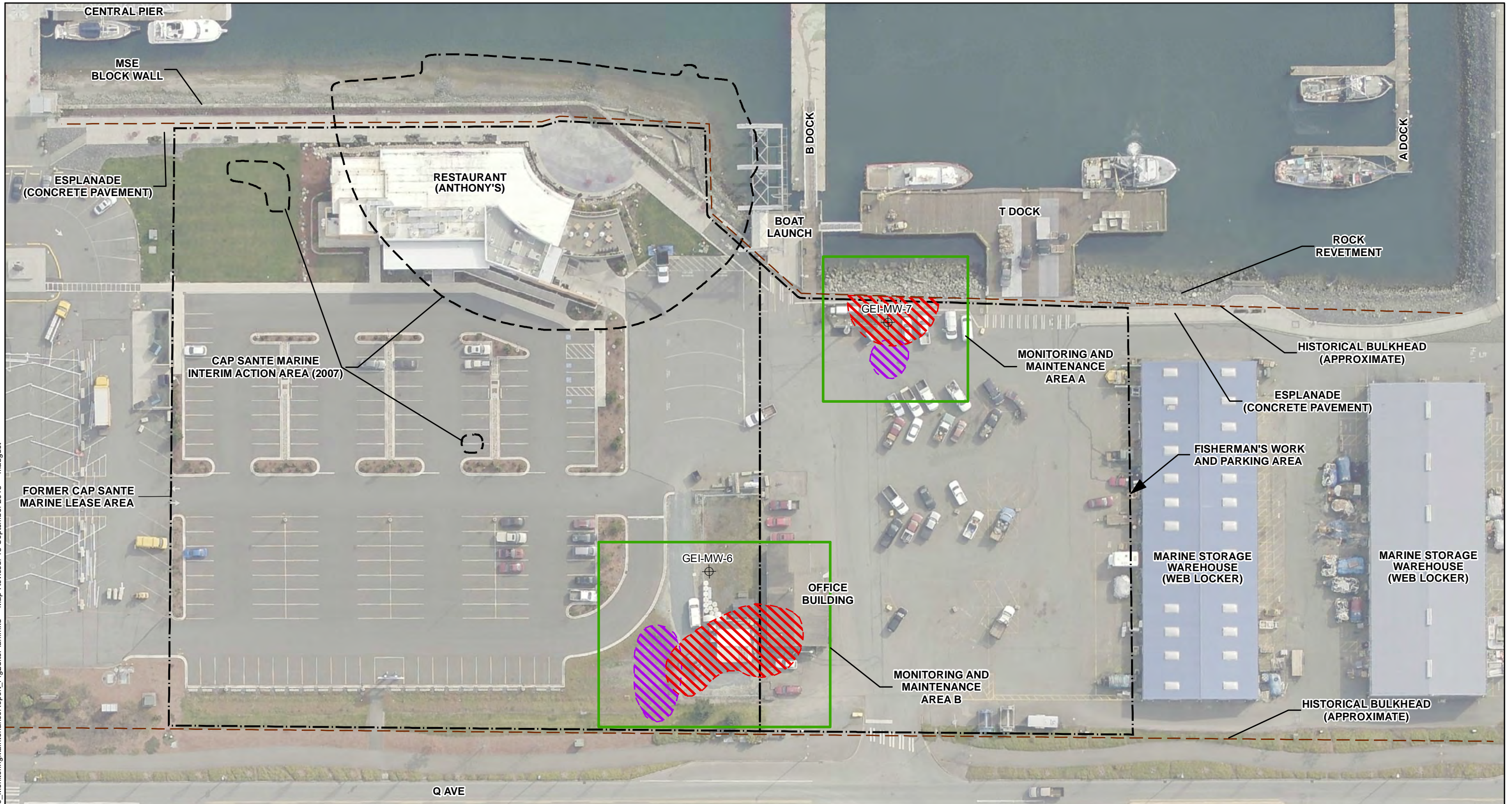
**Figure 1**

**Notes:**

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: Mapbox Open Street Map, 2016

Projection: NAD 1983 UTM Zone 10N



Path: \\sea\projects\515147005\GIS\514700510\_MonitoringMaintenanceReport\_Fig2SitePlan.mxd Map Revised: 15 September 2015 maugust

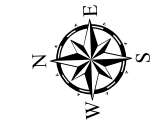
Data Source: Base aerial provided by the Port of Anacortes, March 2013. Skagit County GIS.

Projection: NAD 1983 StatePlane Washington North FIPS 4601 Feet

Notes:  
 1. Sampling locations in the vicinity of the areas identified to contain COCs exceeding site cleanup levels are shown on this figure.  
 2. The locations of all features shown are approximate.  
 3. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

**Legend**  
 ⊕ Monitoring Well Location

**Areas With Contaminant of Concern (COCs) Exceeding Soil Cleanup Level**  
 [Red Hatched] Approximate Area of TPH Exceedance in Soil  
 [Purple Hatched] Approximate Area of PAH Exceedance in Soil  
 PAH - Polycyclic Aromatic Hydrocarbons  
 TPH - Petroleum Hydrocarbons (Gasoline, Diesel and/or Heavy Oil)



<b>Site Plan</b>	
Cap Sante Marine Site Anacortes, Washington	
	<b>Figure 2</b>

**APPENDIX A**  
Engineering and Institutional Monitoring and  
Maintenance Report Form 2021



# Engineering and Institutional Controls Monitoring Report

Site Name:

Cap Sante Marine Site

Date:

8/25/2021

Monitoring Event Completed By (name, title, organization):

Kevin Anderson, Environmental Specialist, Port of Anacortes

## A. General Instructions


1. All checklist items must be completed and detailed comments made to document the results of the site controls evaluation.
2. The completed checklist is part of the field record of the evaluation. Additional pages should be used (as necessary) to ensure a complete record is made. Number, date, initial and attach additional pages to this checklist upon completion.
3. Any checklist line item marked in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The explanation should include the rationale for conclusions and recommendations, if appropriate. Annotated the attached site maps as appropriate to provide additional detail.
4. An evaluation of the site controls should consist of a complete site walk including the perimeter and multiple transects across the Site no greater than 20 feet apart to fully evaluate the condition of site controls and features specifically described in this checklist.
5. Photographs of the site controls and/or site features should be taken to document the overall condition of the site. In addition, all anomalous features or new features (such as changes or damage to the existing site controls) should also be photographed. Attach any photographs of the site to this checklist upon completion of the site evaluation.

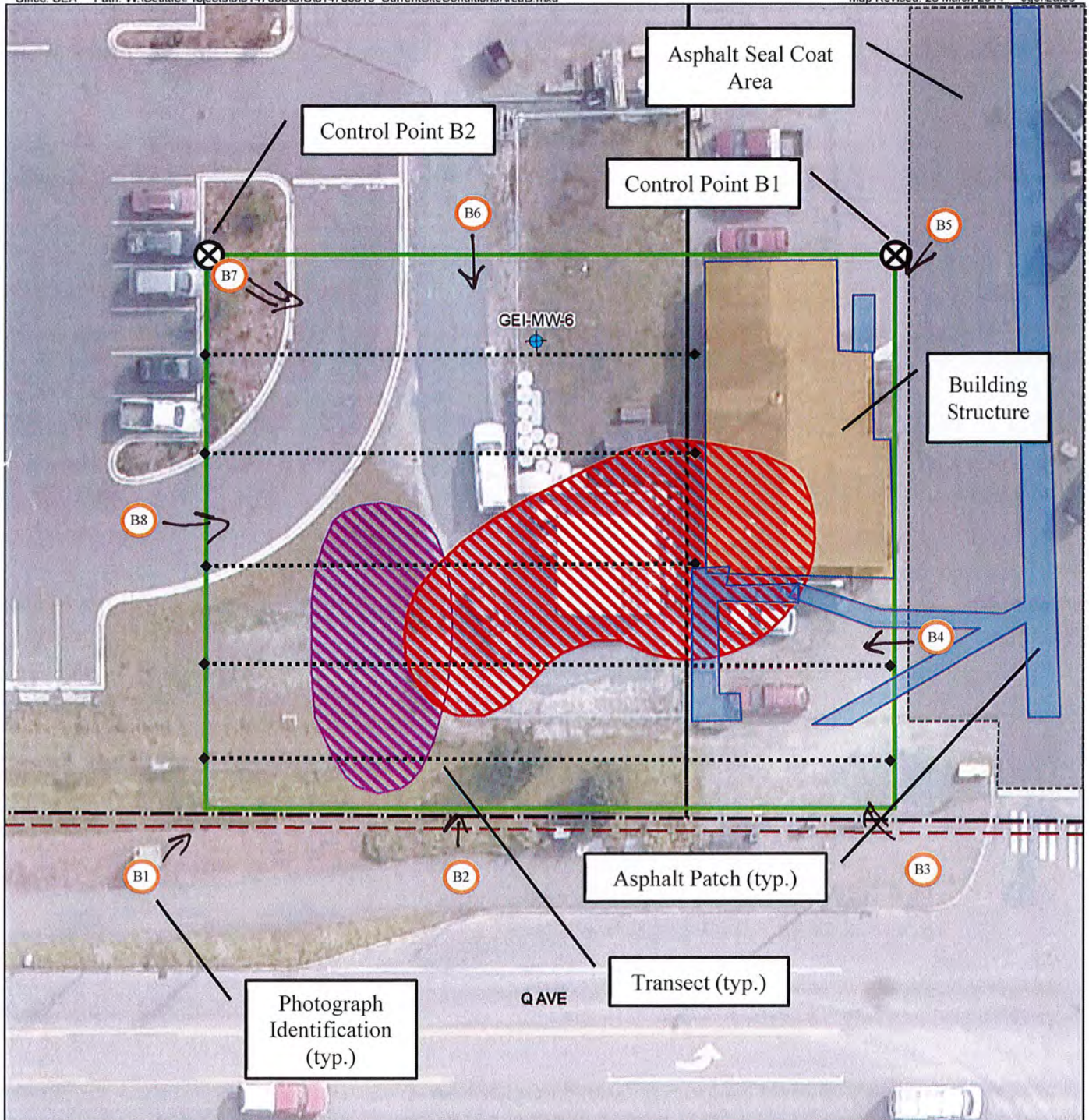
## B. Preparation (to be completed prior to site visit)

	YES	NO	EXPLANATION
1. Site as-built plans and/or base maps reviewed?	X		
2. Previous monitoring report reviewed?	X		
a. Were anomalies or site changes identified on the previous report?	X		Trees were removed due to wind damage
b. Was maintenance performed on areas with identified anomalies?	X		
3. Site Maintenance and repair records reviewed?	X		
a. Has site repair resulted in a change from as-built conditions?	X		Part of site has been paved
b. Are revised as-built drawings available that reflect repair changes?	X		

## C. Evaluation of Controls (to be completed during site visit)

	YES	NO	EXPLANATION
1. Changes in adjacent property conditions?		X	
a. Any change in adjacent property tenants?		X	
b. Any change in property use /features?		X	
c. Any utility and/or maintenance work completed?		X	
d. Any erosion of adjacent property surfaces?		X	
e. Changes in surrounding vegetation?		X	
2. Changes in property conditions?	X		Building on site demolished and paved
a. Any change in adjacent property ownership?		X	
b. Any change in property tenant(s)?	X		Two tenants left and site was paved
c. Any change in property use /features?	X		
d. Any utility, repair and/or maintenance work completed?	X		Asphalt paving and utilities not abandoned
3. Integrity of protective soil areas threatened?		X	
a. Evidence of disturbance, excavation or grading?	X		Only grading related to paving
b. Evidence of animal burrowing?		X	
c. Evidence of erosion (wind or water)?		X	
d. Change in vegetation cover?		X	
e. Evidence of ponded water (excluding bioswale)?		X	

Site Name: Cap Sante Marine Site		Date: 8/25/2021	
<b>C. Evaluation of Controls (continued)</b>	<b>YES</b>	<b>NO</b>	<b>EXPLANATION</b>
4. Integrity of protective paved (asphalt and concrete) areas threatened?		X	
a. Evidence of disturbance, excavation, grading?		X	
b. Evidence of cracking?		X	
c. Evidence of erosion/subsidence?		X	
d. Evidence of ponded water?		X	
f. Evidence of invasive plant species (weeds)?		X	
5. Integrity of shoreline area threatened?		X	
a. Evidence of disturbance, excavation, grading?		X	
b. Evidence of erosion/subsidence?		X	
c. Evidence of ponded water?		X	
d. Evidence of staining or sheens along shoreline? If yes, is the staining or sheen emanating from the Site?		X	No sheens observed
g. If yes, is the staining or sheen emanating from the Site?		X	
6. Photographs taken documenting current Site conditions?			
<b>D. Conclusions and Recommendations</b>	<b>YES</b>	<b>NO</b>	<b>EXPLANATION</b>
1. Is there visual evidence of an imminent threat to the integrity of the soil, paved or shoreline areas?		X	
2. Are follow-up site evaluations required?		X	
3. Are existing maintenance/corrective actions satisfactory?	X		Not Applicable - No previous maintenance/corrective actions for the Site
4. Are other maintenance/corrective actions necessary?		X	
5. Corrective/Maintenance Action(s) Required:			
6. Corrective/Maintenance Action Implemented:			
Date Implemented: _____			
7. Additional Comments: Portions of the site that were gravelled have been paved with Asphalt and buildings on site demol'd. Now site is A parking lot.			
Signature: 		Date: 8/25/2021	



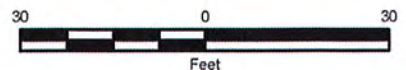
**Legend**

Monitoring Well Location

**Areas With Contaminant of Concern (COCs)**

- Approximate Area of PAH Exceedance in Soil
- Approximate Area of TPH Exceedance in Soil

PAH Polycyclic Aromatic Hydrocarbons  
 TPH Petroleum Hydrocarbons  
 (Gasoline, Diesel and/or Heavy Oil)



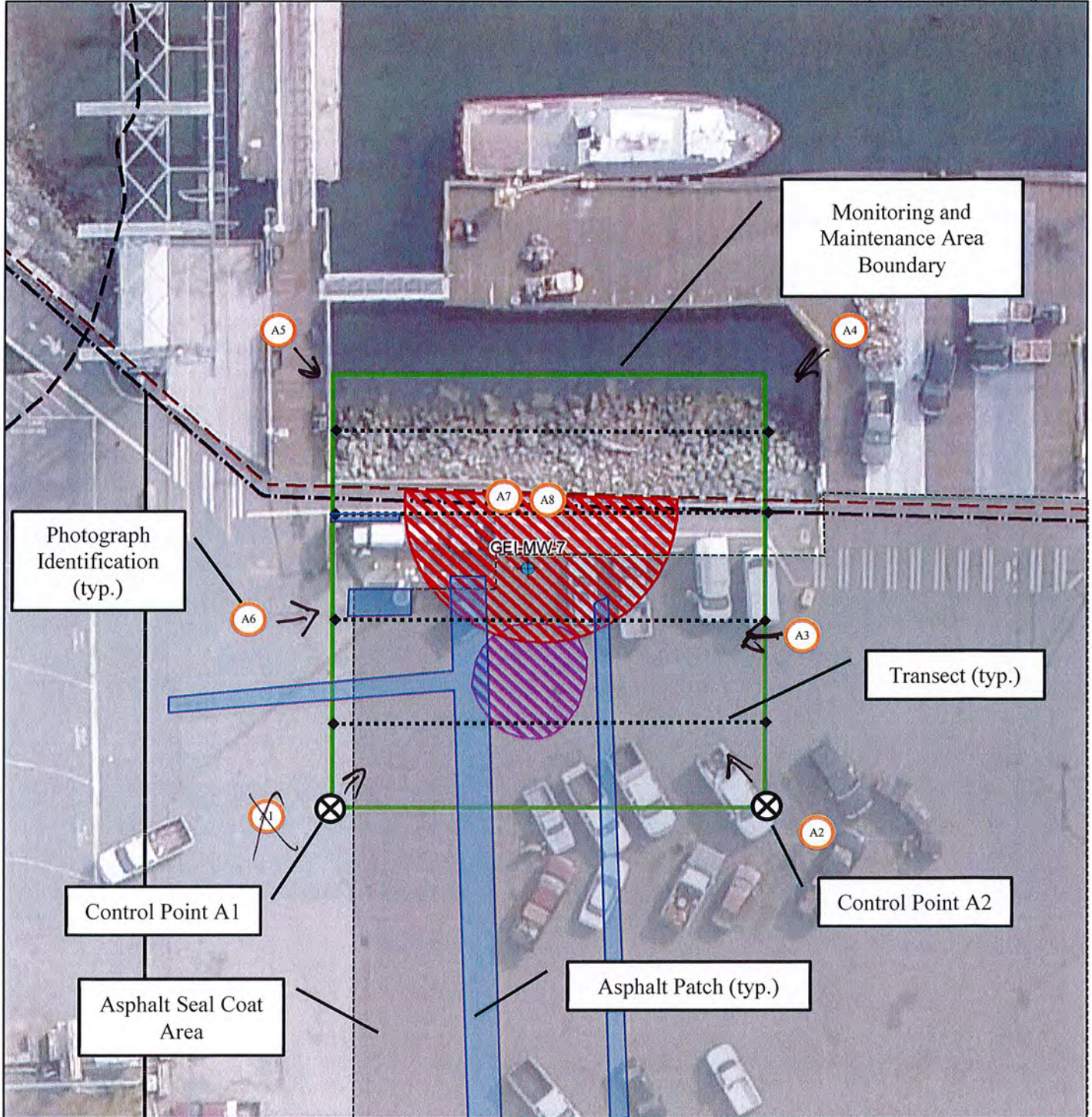
Data Source: Base aerial provided by the Port of Anacortes, March 2013. Skagit County GIS.  
 Projection: NAD 1983 StatePlane Washington North FIPS 4601 Feet  
 Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

**Monitoring and Maintenance Area B**

Cap Sante Marine Site  
 Anacortes, Washington

**Figure 2**



**Legend**

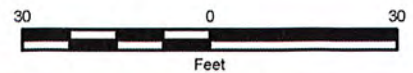
Monitoring Well Location

**Areas With Contaminant of Concern (COCs)**

Approximate Area of PAH Exceedance in Soil

Approximate Area of TPH Exceedance in Soil

PAH Polycyclic Aromatic Hydrocarbons  
 Petroleum Hydrocarbons  
 TPH (Gasoline, Diesel and/or Heavy Oil)



Data Source: Base aerial provided by the Port of Anacortes, March 2013. Skagit County GIS.  
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**Monitoring and Maintenance Area A**

Cap Sante Marine Site  
 Anacortes, Washington

**Figure 1**

**APPENDIX B**  
Monitoring and Maintenance Area A and  
B Photographs 2021

Photo point A1

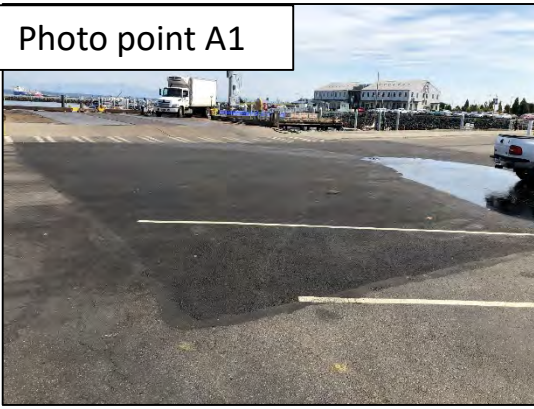


Photo point A4



Photo point A2



Photo point A5

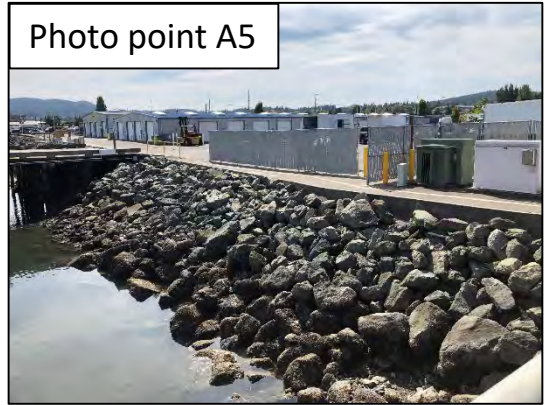


Photo point A3



Photo point A6



Photo point A7



Photo point A8



Photo point B1



Photo point B5



Photo point B2



Photo point B6



Photo point B3



Photo point B7



Photo point B4



Photo point B8



**APPENDIX C**  
Correspondence with Ecology on non-routine actions  
2021



**From:** [Maurer, Christopher \(ECY\)](#)  
**To:** [Kevin Anderson](#); [Fernandez, Arianne \(ECY\)](#)  
**Subject:** RE: Cap Sante Marine Cleanup site project notice  
**Date:** Friday, March 13, 2020 9:58:13 AM  
**Attachments:** [image002.jpg](#)  
[image003.png](#)  
[image004.png](#)

---

Kevin – I have reviewed the proposed building demolition and concur with it. You may proceed with the proposed demolition. Chris M.

---

**From:** Kevin Anderson [mailto:Kevin.Anderson@portofanacortes.com]  
**Sent:** Thursday, March 12, 2020 12:32 PM  
**To:** Fernandez, Arianne (ECY) ; Maurer, Christopher (ECY)  
**Cc:** Jenkins Dossen ; Brenda Treadwell ; 'John Herzog'  
**Subject:** Cap Sante Marine Cleanup site project notice

**THIS EMAIL ORIGINATED FROM OUTSIDE THE WASHINGTON STATE EMAIL SYSTEM -**  
Take caution not to open attachments or links unless you know the sender AND were expecting the attachment or the link

Hi Chris and Arianne,

Per the terms of the environmental covenant for the site, we are informing you of a planned project at the Cap Sante Marine cleanup site. Please find the attached memo regarding the Port's plans to demo a building at 1219 Q avenue and pave the site for reuse as parking. The work site is partially over the areas included in the environmental covenant. If you have any questions, please let me know and I will do my best to answer them.

Best regards,

Kevin Anderson

**Best Regards,**

**Kevin Anderson | Environmental Specialist**

**Direct (360) 299-1827 | Mobile (360) 770-5194**

**100 Commercial Ave, Anacortes, WA 98221**



*Public Communication: Information contained in any communication to or from the Port of Anacortes, including attachments, may be subject to the disclosure requirements of Washington's Public Records Act, Ch. 42.56 RCW.*



**Direct (360) 299-1827 | Mobile (360) 770-5194**

**100 Commercial Ave, Anacortes, WA 98221**



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**APPENDIX D**  
13<sup>th</sup> St Parking Lot Paving As-builts (Monitoring area B)  
2021

S19 T35N R02E

# PORT OF ANACORTES MARINA PARKING AT 13TH ST

PROJECT #CSM-43

## CIVIL SHEET INDEX

SHT NO	DESCRIPTION
C1.1	GENERAL INFORMATION
C1.2	GENERAL NOTES
C1.3	SWPPP NOTES
C2.1	SWPPP
C2.2	GRADING AND DRAINAGE PLAN
C2.3	PAVING AND STRIPING PLAN

### LEGEND

	SILT FENCE
	HI-VISIBILITY FENCE / CHAIN LINK FENCE
	CLEARING LIMITS
	CONSTRUCTION ENTRANCE
	STRAW WATTLE
	PROPERTY LINE
	BMP REFERENCE NUMBER
	CATCH BASIN
	CATCH BASIN NUMBER
	STORM DRAIN PIPE
	PERFORATED STORM PIPE
	FIRE HYDRANT / FDC
	GATE VALVE
	DOWNSPOUT
	SITE LIGHTING

### PROJECT SITE INFORMATION

SURVEY REFERENCE

NA

PARCEL NUMBER

P32951

LEGAL DESCRIPTION

ANACORTES TIDE LANDS TR 8 PL 10, SECTION 19, TOWNSHIP 35 NORTH, RANGE 2 EAST, W.M., TGV S 1/2 OF VACATED 11TH THE W 1/2 VACATED R AVE N 1/2 VACATED 13TH AND VACATED ALLEY CITY OF ANACORTES ORD #1201

DATUM

NA

ZONING

CM - COMMERCIAL MARINE

IMPERVIOUS AREA

TOTAL SIZE: 0.39 AC

CURRENT PERVIOUS AREA: 0.00 AC (0%)

CURRENT IMPERVIOUS AREA: 0.39 AC (100%)

FINAL PERVIOUS AREA: 0.00 AC (0%)

FINAL IMPERVIOUS AREA: 0.39 AC (100%)

### PROJECT CONTACTS

OWNER

PORT OF ANACORTES  
100 COMMERCIAL AVE  
ANACORTES, WA 98221

CIVIL ENGINEER

ERIC SCOTT - PRINCIPAL  
TERRAVISTA NW CONSULTING ENGINEERS  
3204 SMOKEY POINT DRIVE, SUITE 207  
ARINGTON, WA 98223  
(425) 422-0840  
ERICSC@TERRAVISTANW.COM

CONTRACTOR

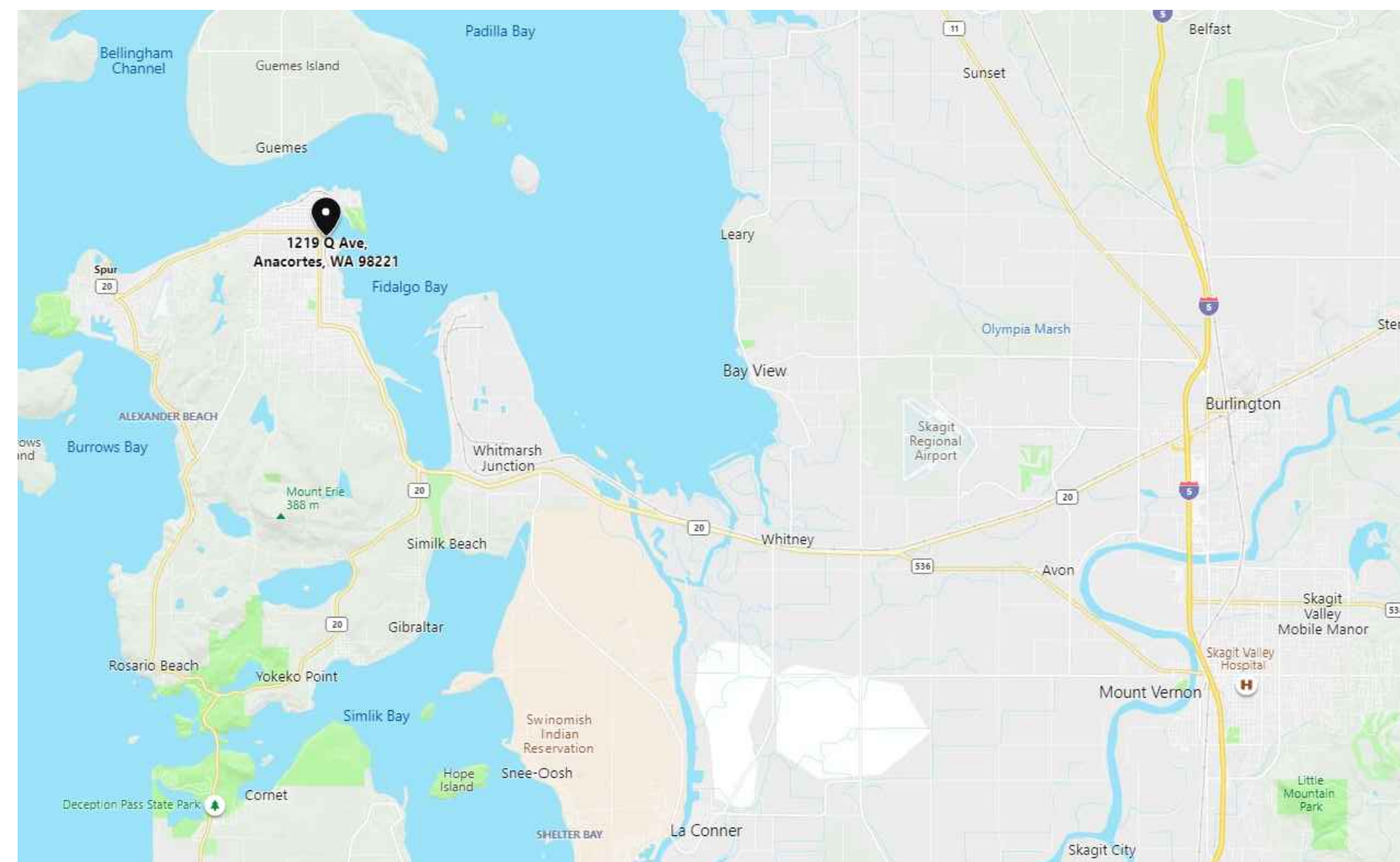
TBD

ARCHITECT

NA

SURVEYOR

NA



VICINITY MAP  
NOT TO SCALE

DATE	NO.	REVISION	BY
2/1/21	1	CIVIL PERMIT	
2/26/21	2	BID SET	



GENERAL INFORMATION  
MARINA PARKING AT 13TH ST  
1219 Q Avenue, Anacortes, WA 98221

C1.1

JOB NO.  
200802

**CONTRACT REQUIREMENTS**

**GENERAL**  
 CONTRACTOR SHALL MEET ALL REQUIREMENTS OUTLINED IN THE PORT OF ANACORTES SMALL WORKS CONTRACT, INCLUDED AS APPENDIX 1, INCLUDING BUT NOT LIMITED TO WARRANTY, PREVAILING WAGES, BOND, RETAINAGE AND INSURANCE. WITH REGARDS TO INSURANCE, THE PORT HAS DETERMINED THAT THIS WORK DOES NOT REQUIRE LONGSHOREMEN AND HARBOR WORKER'S INSURANCE. INFORMATION ON CURRENT PREVAILING WAGE RATES CAN BE OBTAINED AT [HTTP://WWW.LNI.GOV/TRADESLICENSING/PREVVAGE/](http://www.lni.gov/tradeslicensing/prevwage/).

**MATERIALS**  
 ALL MATERIALS AND CONSTRUCTION SHALL BE AS INDICATED IN THE CONTRACT DRAWINGS.

**SPECIFICATIONS**  
 IN THE EVENT THAT THERE IS A CONFLICT IN THE CONTRACT INFORMATION, THE FOLLOWING ORDER SHALL BE USED TO DETERMINE WHICH DOCUMENT PREVAILS:  
 1. BID DOCUMENTS  
 2. CONTRACT DRAWINGS  
 3. LOCAL CODES

**MOBILIZATION / DEMOBILIZATION**  
 THE COST OF MOBILIZATION SHALL BE INCLUDED WITHIN THE BID ITEMS OF THE BID PROPOSAL UNLESS OTHERWISE INDICATED. MOBILIZATION SHALL INCLUDE ALL WORK AND ALL COSTS ASSOCIATED WITH MOBILIZING THE CONTRACTOR'S EQUIPMENT AND MATERIALS TO THE PROJECT SITE, READY TO BEGIN WORK.

WHEN THE PROJECT IS COMPLETE, DEMOBILIZATION SHALL INCLUDE ALL WORK AND COST ASSOCIATED WITH REMOVING ALL EQUIPMENT, DISPOSABLE MATERIALS AND MISCELLANEOUS MATERIALS FROM THE PROJECT SITE AND LEAVING THE SITE CLEAN AND ORDERLY.

**REGULATIONS**  
 THE CONTRACTOR SHALL FULLY COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS TO PROTECT THE PUBLIC AND ITS EMPLOYEES DURING THE PROJECT.

**LICENSES**  
 THE CONTRACTOR SHALL HAVE OR SHALL OBTAIN A CITY OF ANACORTES BUSINESS LICENSE PRIOR TO COMMENCING ANY WORK AND SHALL MAINTAIN SUCH LICENSE UNTIL FINAL ACCEPTANCE OF THE WORK BY THE PORT OF ANACORTES.

**PERMITS**  
 THE PORT OF ANACORTES SHALL OBTAIN SPECIFIC PROJECT PERMITS LISTED IN THE CONTRACT DOCUMENTS. COPIES OF ALL PERMITS WILL BE PROVIDED TO THE CONTRACTOR ONCE RECEIVED. THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL PERMIT CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL OTHER PERMITS REQUIRED TO COMPLETE THE PROJECT SCOPE OF WORK.

**WORK HOURS**  
 ALLOWABLE WORK HOURS THE WORK NO ARE 7:00AM TO 7:00PM, MONDAY THROUGH FRIDAY. WEEKEND, NIGHT AND HOLIDAY WORK SHALL NOT BE PERMITTED UNLESS OTHERWISE APPROVED BY THE PORT. PORT HOLIDAY CLOSURE WITHIN THE EXPECTED WORK PERIOD IS 05/31/21.

**TIME OF COMPLETION**  
 THE CONTRACTOR SHALL PROMPTLY COMMENCE WORK UPON RECEIPT OF NOTICE TO PROCEED FROM THE PORT AND SHALL COMPLETE THE WORK NO LATER THAN FRIDAY JUNE 12, 2021.

**EXECUTION**

**PROJECT SCHEDULE**  
 PRIOR TO COMMENCEMENT OF THE WORK, THE CONTRACTOR SHALL SUBMIT TO THE PORT A PROJECT SCHEDULE AND PLAN FOR THE WORK. THE SCHEDULE SHALL IDENTIFY THE PROPOSED START DATES AND DURATION FOR ALL WORK ITEMS TO BE COMPLETED. IF THE CONTRACTOR'S SCHEDULE CHANGES DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL KEEP THE PORT INFORMED AS TO PROGRESS AND ANY CHANGES TO THE SCHEDULE.

**PROJECT MEETINGS**  
 THE CONTRACTOR SHALL ATTEND, AT A MINIMUM, A PRE-CONSTRUCTION MEETING WITH THE PORT AND PROGRESS MEETINGS AS REQUIRED TO FACILITATE PROJECT COORDINATION. ADDITIONAL PROGRESS MEETINGS MAY BE SCHEDULED AT THE PORTS OR CONTRACTOR'S DISCRETION TO FACILITATE COORDINATION ITEMS.

**NOTIFICATION POINTS**  
 AT A MINIMUM, THE CONTRACTOR SHALL NOTIFY THE PORT'S REPRESENTATIVE AT THE FOLLOWING POINTS IN THE PROGRESS OF THE WORK, PRIOR TO PROCEEDING FURTHER, TO ALLOW INSPECTION OF THE CONTRACTOR'S WORK:  
 1. BEFORE MOBILIZING ONSITE  
 2. BEFORE SITE ASPHALT PAVEMENT INSTALLATIONS  
 3. BEFORE SITE SEALCOAT & STRIPING  
 4. PROJECT SUBSTANTIAL COMPLETION

**SUBMITTALS**  
 THE CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL MATERIALS TO BE INCORPORATED IN THE WORK. CERTIFICATIONS, MANUFACTURERS DATA AND OTHER INFORMATION FOR ALL MATERIALS SHALL BE SUBMITTED AND WRITTEN APPROVAL OBTAINED FORM THE PORT. ALL MATERIALS SHALL CONFORM TO THE CONTRACT DOCUMENTS, THE GENERAL NOTES, THE DRAWINGS, GOOD WORKMANSHIP, GENERAL ACCEPTED INDUSTRY STANDARDS AND MANUFACTURERS WRITTEN INSTRUCTIONS. SUBMITTALS SHOULD BE SUBMITTED IN BOTH ELECTRONIC COPY FORMAT TO FACILITATE REVIEW BY THE PORT. THE FOLLOWING IS A LIST OF REQUIRED SUBMITTALS FOR THE PROJECT:

1. CONTRACTOR CONTACT LIST INCLUDING NAMES AND PHONE NUMBERS OF KEY PERSONNEL
2. LIST OF SUBCONTRACTORS WITH CONTACT INFORMATION OF KEY PERSONNEL AND LIST OF ALL WORK ITEMS TO BE SUBCONTRACTED
3. PROJECT SCHEDULE
4. SITE SPECIFIC SAFETY PLAN
5. SPILL PREVENTION, CONTROL AND COUNTERMEASURES PLAN
6. SITE EARTHWORK
7. ASPHALT MIX DESIGN
8. ASPHALT SEALCOAT MATERIALS
9. ASPHALT STRIPING
10. ASPHALT CRACK FILL MATERIALS

TIMELY SUBMITTALS ARE AN IMPORTANT PART OF THE WORK. NO MATERIALS SHALL BE FABRICATED OR SITEWORK PERFORMED UNTIL ALL OF THE RELEVANT SUBMITTALS HAVE BEEN SUBMITTED AND APPROVED.

A WRITTEN SPILL PREVENTION, CONTROL, AND COUNTERMEASURES PLAN SHALL BE PREPARED FOR ALL CONSTRUCTION ACTIVITIES. THE PLAN SHALL DESCRIBE MEASURES TO PREVENT OR REDUCE IMPACTS FROM ACCIDENTAL LEAKS OR SPILLS, AND WILL CONTAIN A DESCRIPTION OF ALL HAZARDOUS MATERIALS THAT WILL BE USED, PROPER STORAGE AND HANDLING, AND MONITORING METHODS. A SPILL KIT SHALL BE AVAILABLE ON SITE DURING CONSTRUCTION AND STORED IN A LOCATION THAT FACILITATES IMMEDIATE DEPLOYMENT IF NEEDED.

**REQUEST FOR INFORMATION**  
 REQUEST FOR INFORMATION FORMS (RFI'S) FROM THE PORT OR CONTRACTOR SEEKING INFORMATION DURING CONSTRUCTION SHALL BE USED, WHEN THE NEED FOR ADDITIONAL INFORMATION OR CLARIFICATION OF THE CONTRACT DOCUMENTS IS NEEDED.

A STANDARD RFI FORM WILL BE PROVIDED BY THE PORT FOR THE CONTRACTOR'S USE AND SHOULD BE SUBMITTED IN ELECTRONIC FORMAT TO EXPEDITE REVIEW AND RESPONSE.

**SITE PROTECTION**  
 THE CONTRACTOR SHALL USE APPROPRIATE MEASURES TO PROTECT EXISTING FACILITIES AND INFRASTRUCTURE FROM ANY DAMAGE FOR THE DURATION OF THE WORK. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY AND ALL ITEMS DAMAGED BY THE CONTRACTOR'S ACTIVITIES AND ALL REPLACEMENTS AND/OR REPAIRS SHALL BE APPROVED BY THE PORT. THE CONTRACTOR SHALL DEPLOY AND MAINTAIN CONTAINMENT METHODS TO ENSURE THAT DEBRIS AND CONSTRUCTION MATERIALS ARE PREVENTED FROM ENTERING THE WATER DURING THE WORK.

**SITE ACCESS**  
 THE PROJECT SITE IS PART OF A VERY BUSY, ACTIVE MARINA FACILITY WITH DAILY OPERATIONS ONGOING AT ALL TIMES. THE CONTRACTOR SHALL NOT IMPACT THESE OPERATIONS AND MUST COORDINATE THE WORK APPROPRIATELY TO ENSURE CONTINUED, ON GOING MARINA OPERATIONS.

**CONTRACTOR STAGING AND SECURITY**  
 THE PORT SHALL IDENTIFY AN AREA AT THE MARINA FOR CONTRACTOR STAGING. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE STAGING AND WORK AREAS AND SHALL PLACE CONSTRUCTION SIGNS AND BARRICADES AS REQUIRED TO PREVENT PUBLIC ENTRY AND FOR THE CONTRACTOR'S OWN SECURITY.

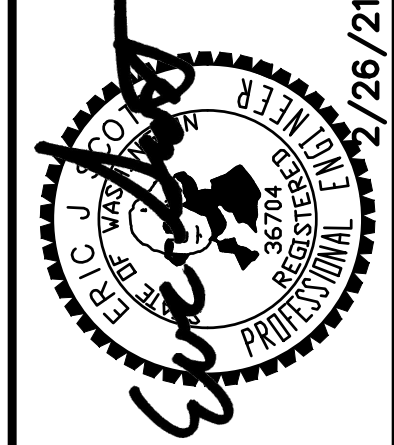
**PROJECT CLOSE-OUT**  
 AT COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE PORT AS-BUILT RECORD DOCUMENTS FOR THE COMPLETED WORK.

**BEST MANAGEMENT PRACTICES (BMP'S)**  
 THE CONTRACTOR SHALL INSTITUTE BEST MANAGEMENT PRACTICES (BMPS) AS APPLICABLE DURING EXECUTION OF THE WORK.

**MATERIALS AND CONSTRUCTION**

- GENERAL AND CONSTRUCTION NOTES**
1. ALL MATERIALS INCORPORATED INTO THE WORK SHALL BE NEW AND SHALL CONFORM TO GOOD INDUSTRY PRACTICES AND WORKMANSHIP.
  2. CONTRACTOR SHALL CONDUCT SITE UTILITY LOCATES PRIOR TO ALL SITE WORK.
  3. ALL SOIL EXCAVATED AND REMOVED BY THE CONTRACTOR SHALL BE CONSIDERED UNSUITABLE AND PLACED IN A SELF-CONTAINED ENCLOSURE, PROFILED AND LEGALLY DISPOSED OF AT AN APPROVED PERMITTED UPLAND DISPOSAL FACILITY.
  4. CONTRACTOR SHALL PROVIDE THE PORT OF ANACORTES WITH ALL UNSUITABLE SOIL PROFILING LABORATORY REPORTS AND DISPOSAL DOCUMENTATIONS FROM THE APPROVED PERMITTED UPLAND DISPOSAL FACILITY.

DATE	NO.	REVISION	BY
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**GENERAL NOTES**  
**MARINA PARKING AT 13TH ST**  
 1219 Q Avenue, Anacortes, WA 98221

**C1.2**  
 JOB NO.  
 200802

ELEMENTS OF CONSTRUCTION SWPPP

1. PRESERVE VEGETATION / MARK CLEARING LIMITS

BEFORE BEGINNING LAND DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRADING, CLEARLY MARK ALL CLEARING LIMITS, SENSITIVE AREAS AND THEIR BUFFERS, AND TREES THAT ARE TO BE PRESERVED WITHIN THE CONSTRUCTION AREA.

RETAIN THE DUFF LAYER, NATIVE TOP SOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM DEGREE PRACTICAL. IF IT IS NOT PRACTICAL TO RETAIN THE DUFF LAYER IN PLACE, THEN STOCKPILE IT ON-SITE, COVER IT TO PREVENT EROSION, AND REPLACE IT IMMEDIATELY WHEN YOU FINISH DISTURBING THE SITE.

- BMP's C101: PRESERVING NATURAL VEGETATION
C102: BUFFER ZONES
C103: HIGH VISIBILITY FENCE
C233: SILT FENCE

DURING THE WET SEASON (OCTOBER 1 - APRIL 30): 2 DAYS. STABILIZE SOILS AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. STABILIZE SOIL STOCKPILES FROM EROSION, PROTECT WITH SEDIMENT TRAPPING MEASURES, AND WHERE POSSIBLE, BE LOCATED AWAY FROM STORM DRAIN INLETS, WATERWAYS, AND DRAINAGE CHANNELS. MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY. MINIMIZE THE DISTURBANCE OF STEEP SLOPES.

- BMP's C120: TEMPORARY AND PERMANENT SEEDING
C121: MULCHING
C122: NETS AND BLANKETS
C123: PLASTIC COVERING
C124: SODDING
C125: TOPSOILING / COMPOSTING
C126: POLYACRYLAMIDE (PAM) FOR SOIL EROSION PROTECTION
C130: SURFACE ROUGHENING
C131: GRADIENT TERRACES
C140: DUST CONTROL

- BMP's C151: CONCRETE HANDLING
C152: SAWCUTTING AND SURFACING POLLUTION PREVENTION
C153: MATERIAL DELIVERY, STORAGE AND CONTAINMENT
C154: CONCRETE WASHOUT AREA
C250: CONSTRUCTION STORMWATER CHEMICAL TREATMENT
C251: CONSTRUCTION STORMWATER FILTRATION
C252: HIGH PH NEUTRALIZATION USING CO2
C253: PH CONTROL FOR HIGH PH WATER

2. ESTABLISH CONSTRUCTION ACCESS

LIMIT CONSTRUCTION VEHICLE ACCESS AND EXIT TO ONE ROUTE, IF POSSIBLE. STABILIZE ACCESS POINTS WITH A PAD OF QUARRY SPALLS, CRUSHED ROCK, OR OTHER EQUIVALENT BMPs, TO MINIMIZE TRACKING SEDIMENT ONTO ROADS. LOCATE WHEEL WASH OR TIRE BATHS ON SITE, IF THE STABILIZED CONSTRUCTION ENTRANCE IS NOT EFFECTIVE IN PREVENTING TRACKING SEDIMENT ONTO ROADS. IF SEDIMENT IS TRACKED OFF SITE, CLEAN THE AFFECTED ROADWAY THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY (FOR EXAMPLE, DURING WET WEATHER). REMOVE SEDIMENT FROM ROADS BY SHOVELING, SWEEPING, OR PICK UP AND TRANSPORT THE SEDIMENT TO A CONTROLLED SEDIMENT DISPOSAL AREA. CONDUCT STREET WASHING ONLY AFTER SEDIMENT IS REMOVED IN ACCORDANCE WITH THE ABOVE BULLET. CONTROL STREET WASH WASTEWATER BY PUMPING BACK ON SITE OR OTHERWISE PREVENTING IT FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE. MINIMIZE CONSTRUCTION SITE ACCESS POINTS ALONG LINEAR PROJECTS, SUCH AS ROADWAYS. STREET WASHING MAY REQUIRE LOCAL JURISDICTION APPROVAL.

- BMP's C105: STABILIZE CONSTRUCTION ENTRANCE/EXIT
C106: WHEEL WASH
C107: CONSTRUCTION ROAD/PARKING AREA STABILIZATION

6. PROTECT SLOPES

DIVERT OFF-SITE STORMWATER (RUN-ON) OR GROUND WATER AWAY FROM SLOPES AND DISTURBED AREAS WITH INTERCEPTOR DIKES, PIPES, AND/OR SWALES. OFF-SITE STORMWATER SHOULD BE MANAGED SEPARATELY FROM STORMWATER GENERATED ON THE SITE. PLACE EXCAVATED MATERIAL ON THE UPHILL SIDE OF TRENCHES, CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS.

- BMP's C120: TEMPORARY AND PERMANENT SEEDING
C121: MULCHING
C122: NETS AND BLANKETS
C123: PLASTIC COVERING
C124: SODDING
C130: SURFACE ROUGHENING
C131: GRADIENT TERRACES
C200: INTERCEPTOR DIKE AND SWALE
C201: GRASS-LINED CHANNELS
C203: WATER BARS
C204: PIPE SLOPE DRAINS
C205: SUBSURFACE DRAINS
C206: LEVEL SPREADER
C207: CHECK DAMS
C208: TRIANGULAR SILT DIKE (TSD)(GEOTEXTILE-ENCASED CHECK DAM)

10. CONTROL DEWATERING

DISCHARGE CLEAN, NON-TURBID DE-WATERING WATER, SUCH AS WELL-POINT GROUND WATER, TO SYSTEMS TRIBUTARY TO, OR DIRECTLY INTO SURFACE WATERS OF THE STATE, AS SPECIFIED IN ELEMENT #8, PROVIDED THE DE-WATERING FLOW DOES NOT CAUSE EROSION OR FLOODING OF RECEIVING WATERS OR INTERFERE WITH THE OPERATION OF THE SYSTEM. HANDLE HIGHLY TURBID OR CONTAMINATED DEWATERING WATER SEPARATELY FROM STORMWATER.

- BMP's C203: WATER BARS
C236: VEGETATIVE FILTRATION

3. CONTROL FLOW RATES

PROTECT PROPERTIES AND WATERWAYS DOWNSTREAM OF DEVELOPMENT SITES FROM EROSION AND THE ASSOCIATED DISCHARGE OF TURBID WATERS DUE TO INCREASES IN THE VELOCITY AND PEAK VOLUMETRIC FLOW RATE OF STORMWATER RUNOFF FROM THE PROJECT SITE. WHERE NECESSARY, CONSTRUCT STORMWATER RETENTION OR DETENTION FACILITIES AS ONE OF THE FIRST STEPS IN GRADING. ASSURE THAT DETENTION FACILITIES FUNCTION PROPERLY BEFORE CONSTRUCTING SITE IMPROVEMENTS (E.G. IMPERVIOUS SURFACES). IF PERMANENT INFILTRATION PONDS ARE USED FOR FLOW CONTROL DURING CONSTRUCTION, PROTECT THESE FACILITIES FROM SILTATION DURING THE CONSTRUCTION PHASE.

- BMP's C203: WATER BARS
C207: CHECK DAMS
C209: OUTLET PROTECTION
C235: WATTLES
C240: SEDIMENT TRAP
C241: TEMPORARY SEDIMENT POND

7. PROTECT DRAIN INLETS

PROTECT ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SO THAT STORMWATER RUNOFF DOES NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT. CLEAN OR REMOVE AND REPLACE INLET PROTECTION DEVICES WHEN SEDIMENT HAS FILLED ONE-THIRD OF THE AVAILABLE STORAGE (UNLESS A DIFFERENT STANDARD IS SPECIFIED BY THE PRODUCT MANUFACTURER). INLETS SHOULD BE INSPECTED WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.

- BMP's C220: STORM DRAIN INLET PROTECTION

11. MAINTAIN BMP's

KEEP QUANTITIES OF EROSION PREVENTION AND SEDIMENT CONTROL MATERIALS ON THE PROJECT SITE AT ALL TIMES TO BE USED FOR REGULAR MAINTENANCE AND EMERGENCY SITUATIONS SUCH AS UNEXPECTED HEAVY SUMMER RAINS. MAINTAIN AND REPAIR ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMPs AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION IN ACCORDANCE WITH BMP SPECIFICATIONS. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPs WITHIN 30 DAYS AFTER ACHIEVING FINAL SITE STABILIZATION OR AFTER THE TEMPORARY BMPs ARE NO LONGER NEEDED. PROVIDE PROTECTION TO ALL BMPs INSTALLED FOR THE PERMANENT CONTROL OF STORMWATER FROM SEDIMENT AND COMPACTION. ALL BMPs THAT ARE TO REMAIN IN PLACE FOLLOWING COMPLETION OF CONSTRUCTION SHALL BE EXAMINED AND PLACED IN FULL OPERATING CONDITIONS. IF SEDIMENT ENTERS THE BMPs DURING CONSTRUCTION, IT SHALL BE REMOVED AND THE FACILITY SHALL BE RETURNED TO THE CONDITIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

4. INSTALL SEDIMENT CONTROLS

INSTALL AND MAINTAIN EFFECTIVE EROSION CONTROLS AND SEDIMENT CONTROLS TO MINIMIZE THE DISCHARGE OF POLLUTANTS. CONSTRUCT SEDIMENT CONTROL BMPs (SEDIMENT PONDS, TRAPS, FILTERS, ETC.) PRIOR TO GRADING.

- BMP's C231: BRUSH BARRIER
C232: GRAVEL FILTER BERM
C233: SILT FENCE
C234: VEGETATED STRIP
C235: WATTLES
C240: SEDIMENT TRAP
C241: TEMPORARY SEDIMENT POND
C250: CONSTRUCTION STORMWATER CHEMICAL TREATMENT
C251: CONSTRUCTION STORMWATER FILTRATION

8. STABILIZE CHANNELS AND OUTFALLS

CONSTRUCT AND STABILIZE ALL ON-SITE CONVEYANCE CHANNELS TO PREVENT EROSION. PROVIDE STABILIZATION, INCLUDING ARMORING MATERIAL, ADEQUATE TO PREVENT EROSION OF OUTLETS, ADJACENT STREAMBANKS, SLOPES, AND DOWNSTREAM REACHES AT THE OUTLETS OF ALL CONVEYANCE SYSTEMS. STABILIZE CHANNEL BY PLACING BLANKET PRODUCT FIRST, THEN ADD CHECK DAMS AS NECESSARY TO FUNCTION AS AN ANCHOR AND TO SLOW THE FLOW OF WATER.

- BMP's C202: CHANNEL LINING
C122: NETS AND BLANKETS
C207: CHECK DAMS
C209: OUTLET PROTECTION

12. MANAGE THE PROJECT

INSPECT, MAINTAIN, AND REPAIR ALL BMPs AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. CONDUCT SITE INSPECTIONS AND MONITORING IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER GENERAL PERMIT OR LOCAL PLAN APPROVAL AUTHORITY. MAINTAIN, UPDATE, AND IMPLEMENT THE SWPPP IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER GENERAL PERMIT. ALL BMPs MUST BE INSPECTED, MAINTAINED, AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. SITE INSPECTIONS MUST BE CONDUCTED BY A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL.

5. STABILIZE SOILS

SOILS MUST NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN THE TIME PERIODS SET FORTH BELOW TO PREVENT EROSION. DURING THE DRY SEASON (MAY 1 - SEPT. 30): 7 DAYS.

9. CONTROL POLLUTANTS

INSTALL, IMPLEMENT, AND MAINTAIN EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS. HANDLE AND DISPOSE OF ALL POLLUTANTS, INCLUDING WASTE MATERIALS AND DEMOLITION DEBRIS THAT OCCUR ON-SITE IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.

13. PROTECT LOW IMPACT DEVELOPMENT

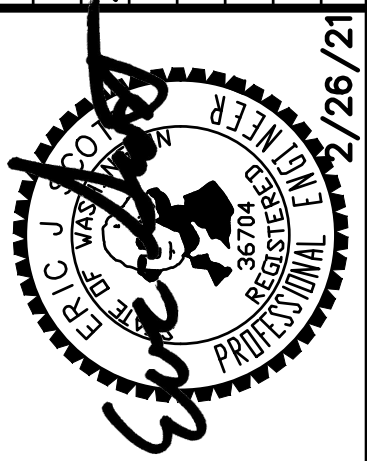
PROTECT ALL BIORETENTION AND RAIN GARDEN BMPs FROM SEDIMENTATION THROUGH INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL BMPs ON PORTIONS OF THE SITE THAT DRAIN INTO THE BIORETENTION AND/OR RAIN GARDEN BMPs. RESTORE THE BMPs TO THEIR FULLY FUNCTIONING CONDITION IF THEY ACCUMULATE SEDIMENT DURING CONSTRUCTION. RESTORING THE BMP MUST INCLUDE REMOVAL OF SEDIMENT AND ANY SEDIMENT-LADEN BIORETENTION/RAIN GARDEN SOILS, AND REPLACING THE REMOVED SOILS WITH SOILS MEETING THE DESIGN SPECIFICATION.

PREVENT COMPACTING BIORETENTION AND RAIN GARDEN BMPs BY EXCLUDING CONSTRUCTION EQUIPMENT AND FOOT TRAFFIC. PROTECT COMPLETED LAWN AND LANDSCAPED AREAS FROM COMPACTION DUE TO CONSTRUCTION EQUIPMENT.

CONTROL EROSION AND AVOID INTRODUCING SEDIMENT FROM SURROUNDING LAND USES ONTO PERMEABLE PAVEMENTS. DO NOT ALLOW MUDDY CONSTRUCTION EQUIPMENT ON THE BASE MATERIAL OR PAVEMENT. DO NOT ALLOW SEDIMENT-LADEN RUNOFF ONTO PERMEABLE PAVEMENTS.

PAVEMENTS FOULED WITH SEDIMENTS OR NO LONGER PASSING AN INITIAL INFILTRATION TEST MUST BE CLEANED USING PROCEDURES FROM THE LOCAL STORMWATER MANUAL OR THE MANUFACTURER'S PROCEDURES.

KEEP ALL HEAVY EQUIPMENT OFF EXISTING SOILS UNDER LID FACILITIES THAT HAVE BEEN EXCAVATED TO FINAL GRADE TO RETAIN THE INFILTRATION RATE OF THE SOILS.



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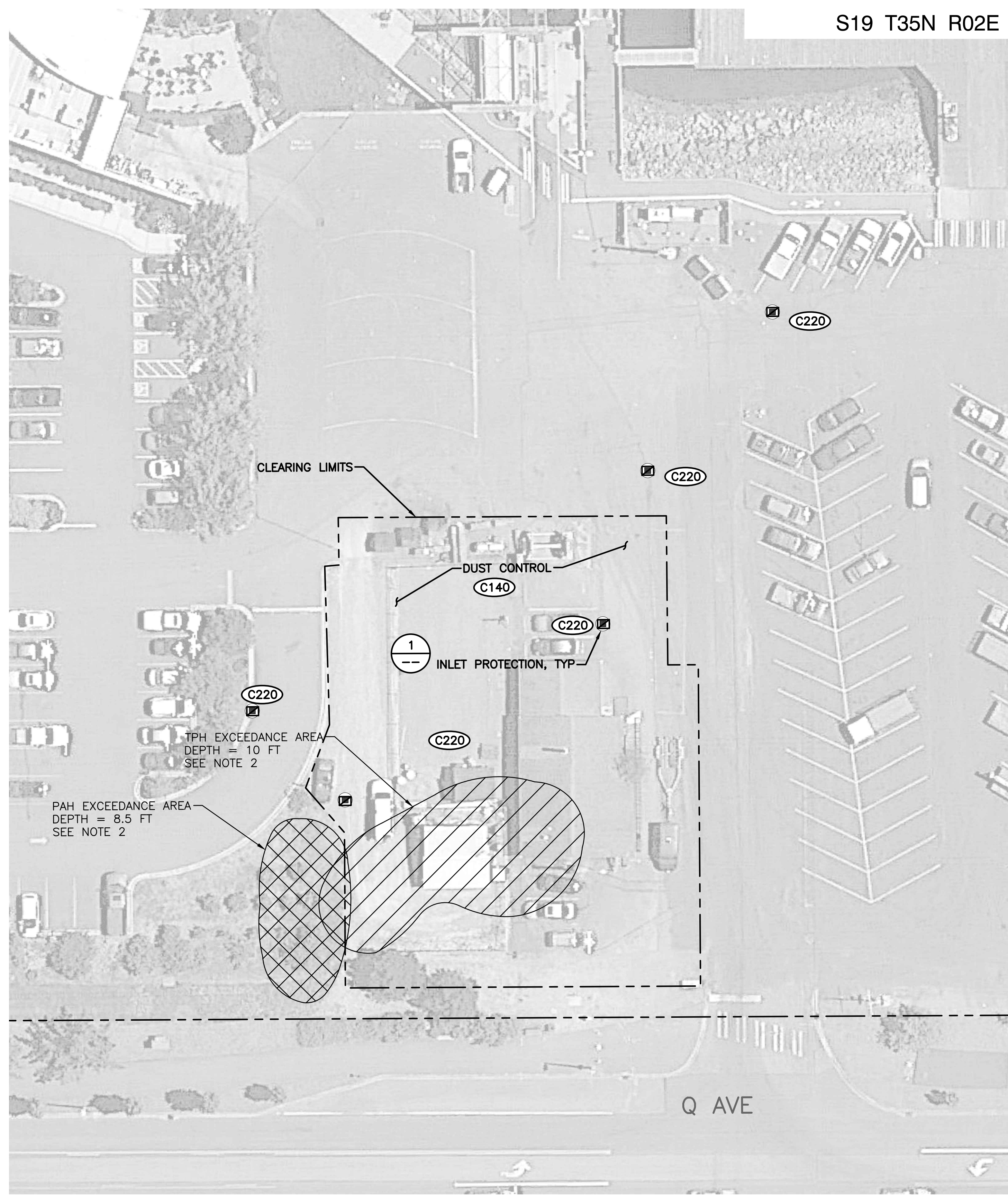
SWPPP NOTES

MARINA PARKING AT 13TH ST
1219 Q Avenue, Anacortes, WA 98221

C1.3

JOB NO.
200802

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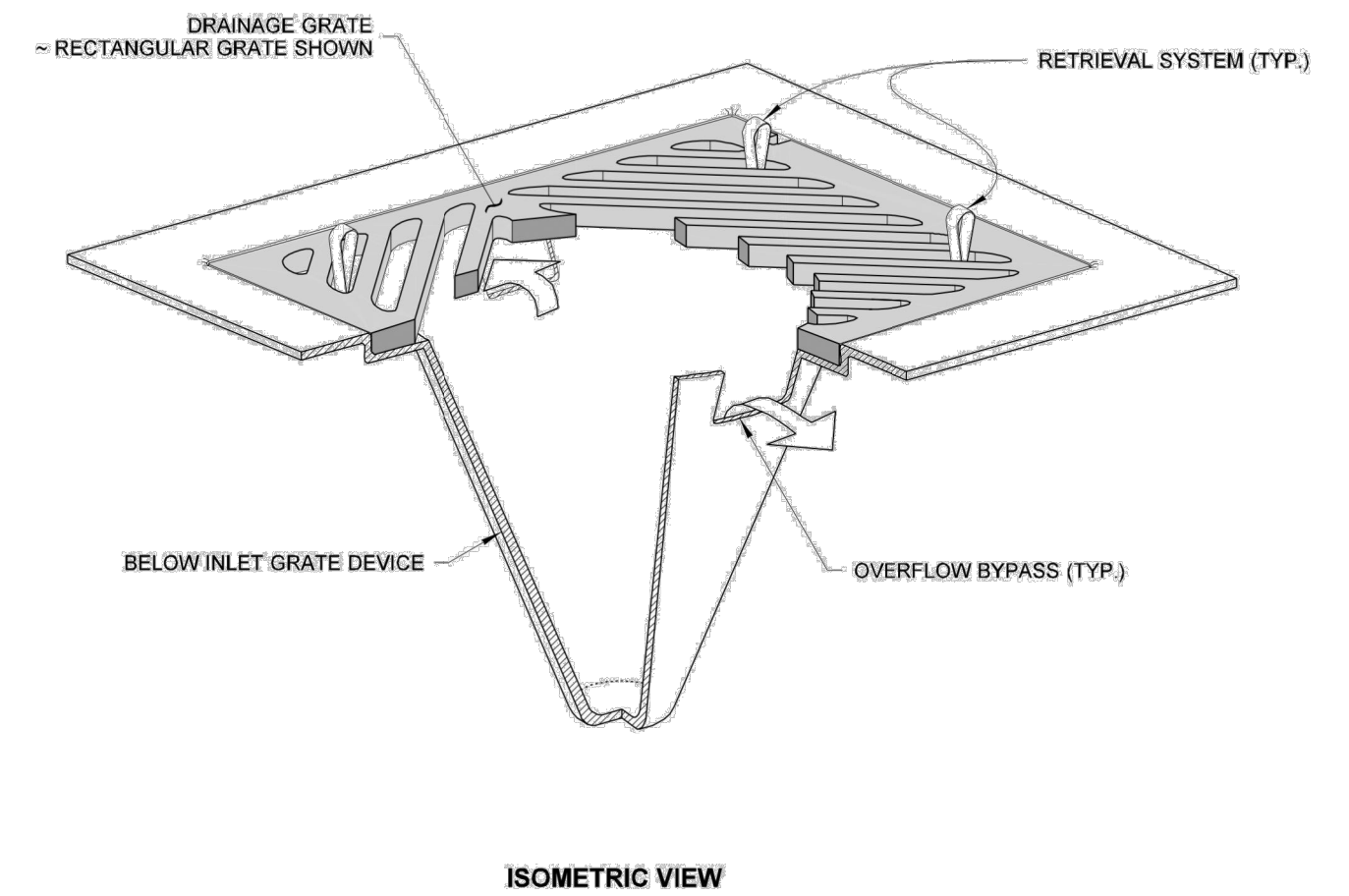
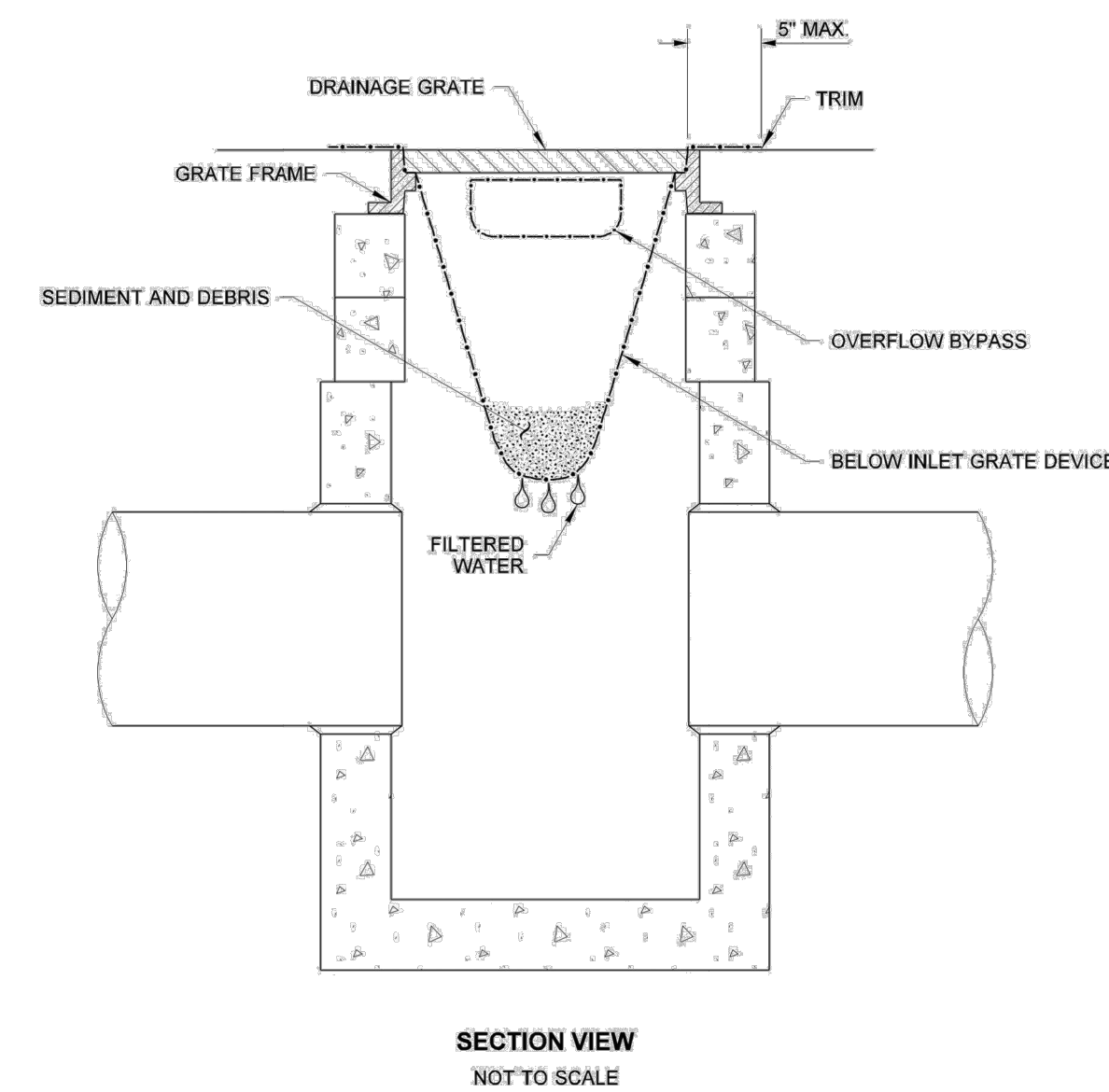


**NOTES**

1. REFER TO SHEET C1.1 FOR GENERAL INFORMATION
2. REFER TO SHEER C1.2 AND C1.3 FOR ADDITIONAL INFORMATION
3. SEE PORT OF ANACORTES 'ENGINEERING AND INSTITUTIONAL CONTROL REPORT' DATED 9/12/2019 FOR MORE INFORMATION ON CONTAMINATED SOIL ON SITE. IT IS NOT ANTICIPATED THAT CONSTRUCTION WILL IMPACT ANY CONTAMINATED SOIL, BUT IF ANY IS ENCOUNTERED, CONTACT ENGINEER IMMEDIATELY.

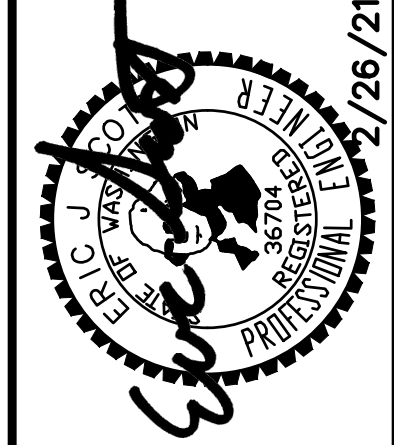
**NOTES**

1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.
2. The BIGD shall have a built-in high-flow relief system (overflow bypass).
3. The retrieval system must allow removal of the BIGD without spilling the collected material.
4. Perform maintenance in accordance with Standard Specification 8-01.3(15).



1 CATCH BASIN INSERT  
NTS

DATE	NO.	REVISION	BY
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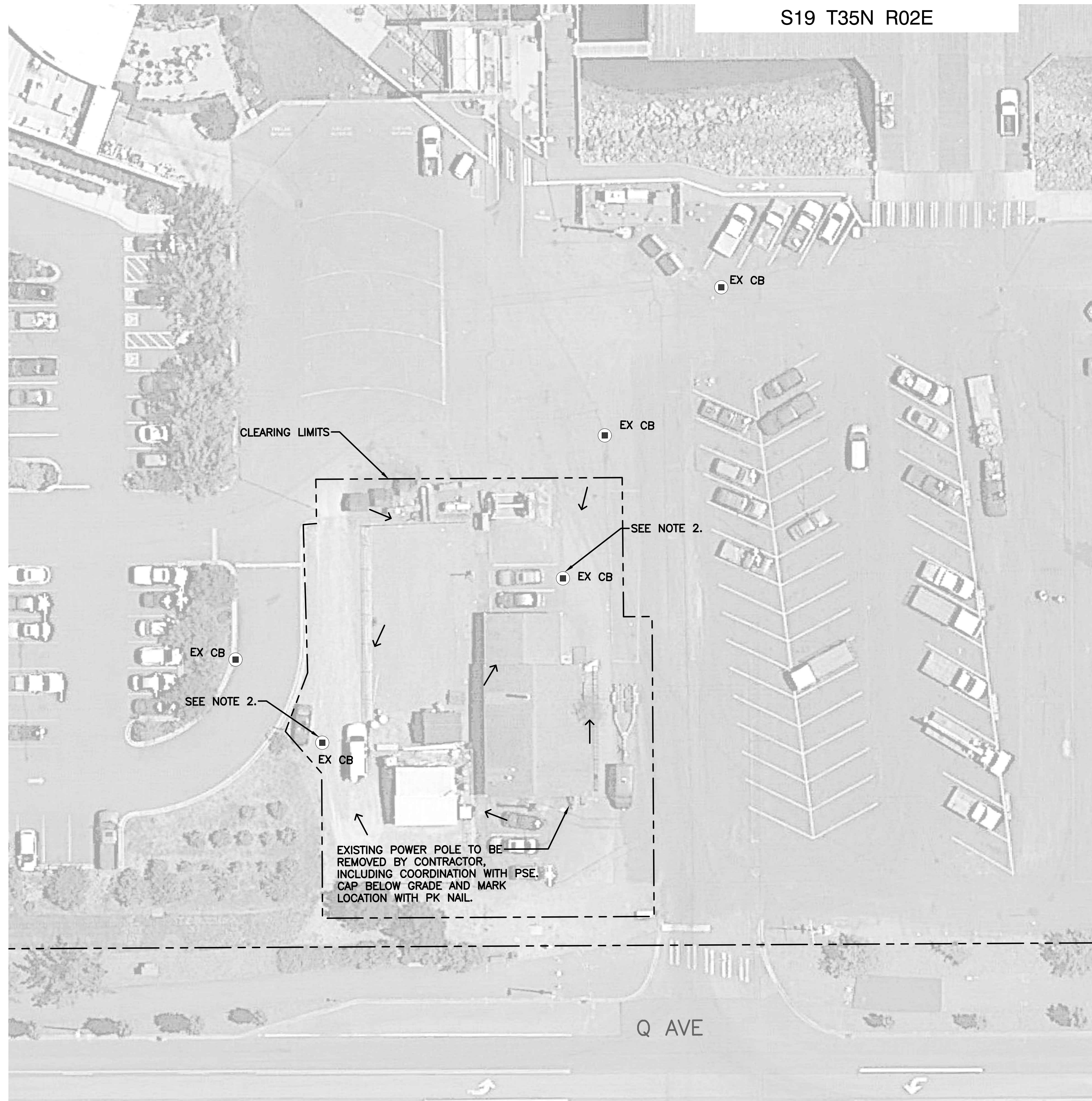
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SWPPP  
**MARINA PARKING AT 13TH ST**  
1219 Q Avenue, Anacortes, WA 98221  
**C2.1**  
JOB NO. 200802

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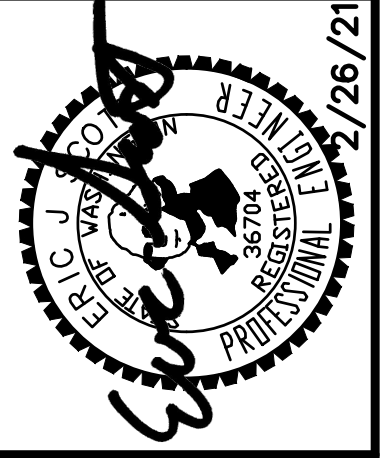


**NOTES**

1. REFER TO SHEET C1.1 FOR GENERAL INFORMATION, AND SHEET C1.2 FOR GENERAL NOTES.
2. CONTRACTOR TO PROVIDE SUFFICIENT SLOPE TO PAVEMENT TO ALLOW ALL WATER TO DRAIN TO EXISTING CATCH BASIN.
3. CONTRACTOR TO VERIFY STORM DRAIN ELEVATIONS PRIOR TO CONSTRUCTION.
4. ALL EXISTING STRUCTURES (BUILDINGS, ETC.) WITHIN THE LIMITS OF CONSTRUCTION WILL BE REMOVED BY OTHERS PRIOR TO CONSTRUCTION UNO.
5. CONTRACTOR SHALL COORDINATE WORK WITH PORT TO MINIMIZE INTERFERENCE WITH MARINA OPERATIONS.

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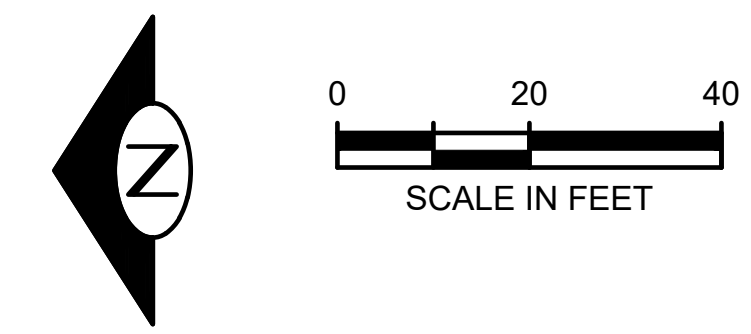
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**GRADING AND DRAINAGE PLAN**  
**MARINA PARKING AT 13TH ST**  
 1219 Q Avenue, Anacortes, WA 98221

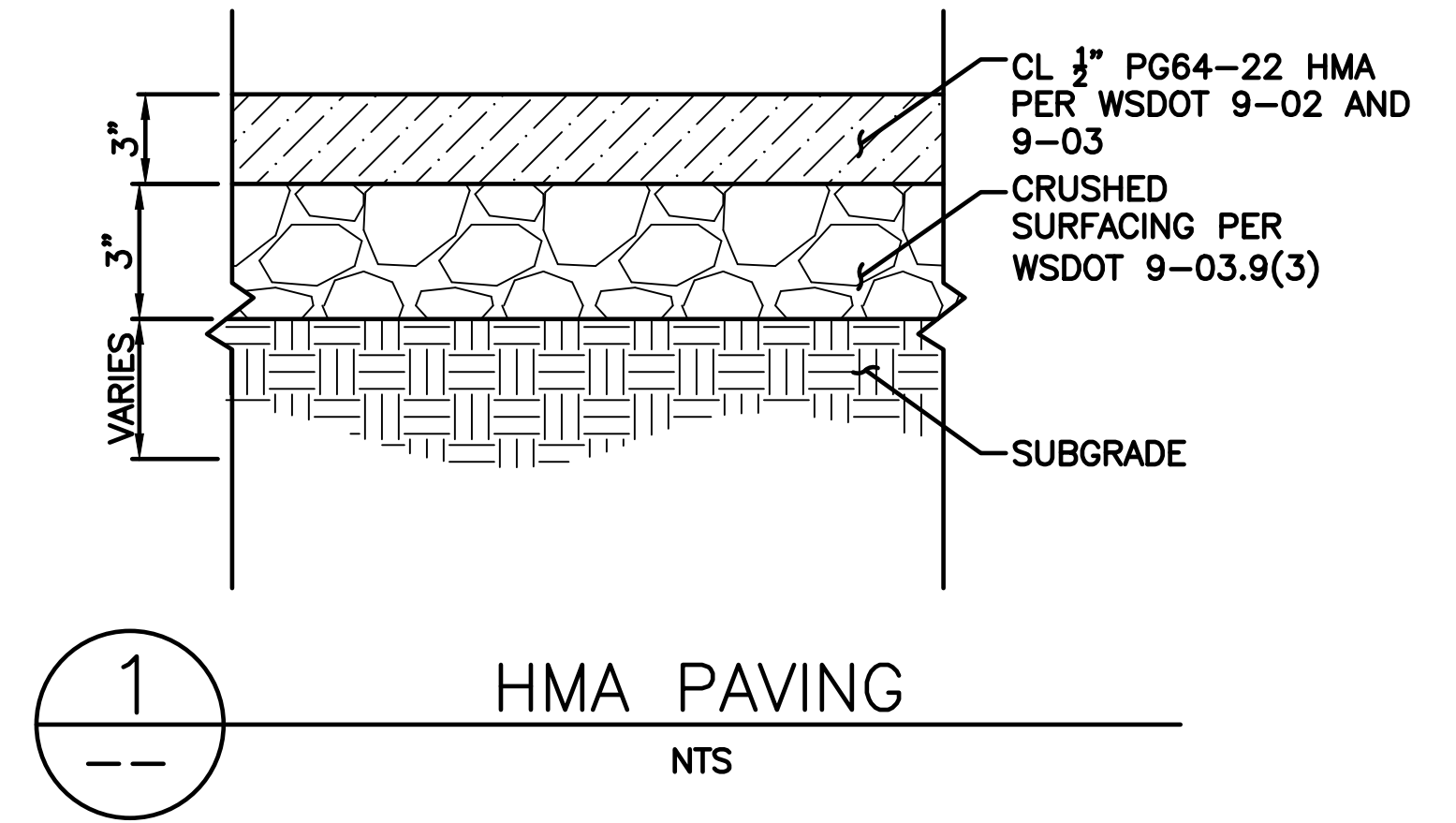
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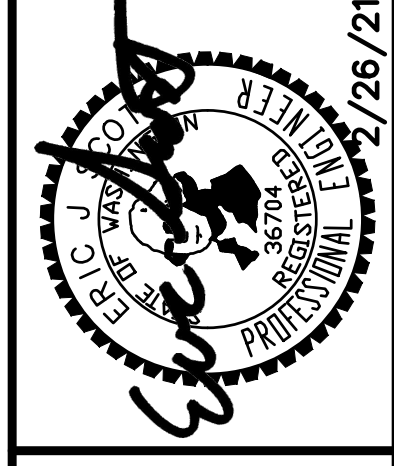


**NOTES**

1. REFER TO SHEET C1.1 FOR GENERAL INFORMATION, AND SHEET C1.2 FOR GENERAL NOTES.
2. EXISTING STRIPING SHALL BE REMOVED WITH PRESSURE WASHER AND FOLLOWED WITH A SEAL COAT PRIOR TO INSTALLATION OF NEW STRIPING. EXISTING STRIPING SHALL NOT BE VISIBLE.
3. CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT WHERE NEW PAVEMENT ABUTS EXISTING PAVEMENT.
4. CRUSHED SURFACING SHALL BE PLACED AND COMPACTED PER WSDOT STD SPEC 4-04.
5. HMA PAVING SHALL BE PER WSDOT STD SPEC 5-04.
6. PAVEMENT MARKINGS SHALL BE PER WSDOT STD SPEC 8-22.
7. ALL CRACK AND JOINT SEALING AND FILLING SHALL BE PER WSDOT STD SPEC 5-03.
8. HMA GRIND AND OVERLAY SHALL BE PER WSDOT STD SPEC 5-04.



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**PAVING AND STRIPING PLAN**  
**MARINA PARKING AT 13TH ST**  
 1219 Q Avenue, Anacortes, WA 98221

**C2.3**  
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