

**CITY OF SAUSALITO**  
420 Litho Street, Sausalito, CA 94965

**Addendum No. 1**

Issued **January 30, 2026**

**EDWARDS AVENUE SLOPE STABILIZATION**

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**NOTICE TO ALL PLAN HOLDERS SUBMITTING BIDS FOR THIS WORK:**

You are hereby notified of the following information, changes, clarifications or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and subsequent Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain, **UNCHANGED**.

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

**SPECIFICATIONS**

**BID FORMS SECTION A BID SCHEDULE**

Quantities for Bid Items 10, 11 and 12 are changed as shown on the attached Addendum 1 Bid Schedule.

**Draft Encroachment Permit is attached to Addendum 1.**

**RESPONSE TO QUESTIONS**

**Q1.** There are exposed roots on the slope. How should they be addressed.

**A2.** Most of the root systems are to be protected in place and covered with the mesh. There are several large, exposed roots sticking out of the ground. The City will hire an Arborist to determine which roots can be cut.

**Q2.** During the pre-bid conference, a question was raised regarding the possibility of re-engineering the anchor shaft size to allow for a smaller hole diameter. Scott Stephens of MPEG expressed concern that reducing the hole diameter could compromise the double-corrosion-protection requirement for the anchors. Can you confirm whether a 6" diameter shaft is still the minimum required to satisfy the double-corrosion-protection criteria?

**A2.** Six (6) inch diameter shaft is the minimum diameter allowed. If the awarded contractor wishes to make a substitution, they should refer to Article 14 "Requests for Substitution" in the General Conditions.

**Q3.** When do you anticipate this project starting?

**A3.** Project is anticipated to start in spring 2026, after the rainy season and easements are secured.

**A. BID SCHEDULE**

AL = Allowance      CF = Cubic Feet      CY = Cubic Yard      EA = Each      LB = Pounds  
 LF = Linear Foot      LS = Lump Sum      SF = Square Feet      TON = Ton (2000 lbs)

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
1	Mobilization and Demobilization	1	LS	\$	\$
2	Traffic Control System	1	LS	\$	\$
3	Erosion & Sediment Control	1	LS	\$	\$
4	Clearing & Grubbing	1	LS	\$	\$
5	Removal of Existing Erosion Control Mats	1	LS	\$	\$
6	Scaling and Excavation	55	CY	\$	\$
7	Demolition and Removal of Existing Concrete Box	1	LS	\$	\$
8	Production Anchors	157	EA	\$	\$
9	Sacrificial Anchors	8	EA	\$	\$
10	Slope Mesh, Tecco G65/3	5,100	SF	\$	\$
11	Erosion Control Mats	5,100	SF	\$	\$
12	Hydroseeding	5,100	SF	\$	\$

The costs for any Work shown or required in the Contract Documents, but not specifically identified as a line item are to be included in the related line items and no additional compensation shall be due to Contractor for the performance of the Work.

In case of discrepancy between the Unit Price and the Item Cost set forth for a unit basis item, the unit price shall prevail and shall be utilized as the basis for determining the lowest responsive, responsible Bidder. However, if the amount set forth as a unit price is ambiguous, unintelligible or uncertain for any cause, or is omitted, or is the same amount as the entry in the "Item Cost" column, then the amount set forth in the "Item Cost" column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the Unit Price.

For purposes of evaluating Bids, the City will correct any apparent errors in the extension of unit prices and any apparent errors in the addition of lump sum and extended prices.

The estimated quantities for Unit Price items are for purposes of comparing Bids only and the City makes no representation that the actual quantities of work performed will not vary from the estimates. Final payment shall be determined by the Engineer from measured quantities of work performed based upon the Unit Price.

- City of Belvedere
- City of Larkspur
- City of Mill Valley
- City of Novato
- City of San Rafael \*
- City of Sausalito

- Town of Ross
- Town of Fairfax
- Town of Corte Madera
- Town of San Anselmo
- Town of Tiburon
- County of Marin

EP No: \_\_\_\_\_  
A / B

## UNIFIED APPLICATION FOR ENCROACHMENT PERMIT

APPLICATION DATE: \_\_\_\_\_ APN: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

LOCATION OF WORK OR ENCROACHMENT: \_\_\_\_\_  
No. Street City/Township

CROSS STREET: \_\_\_\_\_ ESTIMATED COST: \$ \_\_\_\_\_

STARTING DATE: \_\_\_\_\_ COMPLETION DATE: \_\_\_\_\_

PROPERTY OWNER'S NAME AND ADDRESS (If Different from Applicant): \_\_\_\_\_

**THE UNDERSIGNED HEREBY APPLIES FOR PERMISSION TO PERFORM THE FOLLOWING DESCRIBED WORK AND/OR OTHERWISE ENCROACH ON A LOCAL AGENCY RIGHT-OF-WAY (ROW):**

### DESCRIPTION OF WORK OR ENCROACHMENT (Include plans or sketch):

Check all that apply to the project and provide a written description:

- |  |  |  |   |
|--|--|--|---|
| <input type="checkbox"/> Driveway Approach | <input type="checkbox"/> Sidewalk      | <input type="checkbox"/> Accessible Ramp | <input type="checkbox"/> Debris Box       |
| <input type="checkbox"/> Curb & Gutter     | <input type="checkbox"/> Water Service | <input type="checkbox"/> New Utilities   | <input type="checkbox"/> Special Event    |
| <input type="checkbox"/> Sewer Improvement | <input type="checkbox"/> Excavation    | <input type="checkbox"/> Landscaping     | <input type="checkbox"/> Other (Describe) |

**Describe:**

Road Surface Type:  Asphalt  Concrete  Other: \_\_\_\_\_

Trenching Work:  Yes  No Linear Feet: \_\_\_\_\_ Surface Thickness: \_\_\_\_\_

Traffic Control Plan:  Yes  No

**Applicant agrees that all work will be performed in accordance with the rules, regulations and standards of the Local Agency Department of Public Works and any Local Municipal Code. All work shall be subject to inspection and approval by the Department of Public Works. Applicant shall indemnify, defend and hold the Local Agency, its officers, agents and employees harmless from any and all claims, suits or liability, including, but not limited to, litigation costs and attorney's fees which the Local Agency may incur as the result of any and all claims and suits for personal injury, property damage or inverse condemnation by reason of applicants placement of/or maintenance of encroachments authorized by this permit. No work shall commence until permit is issued.**

APPLICANT'S NAME / COMPANY (PLEASE PRINT): \_\_\_\_\_

CONTRACTOR'S NAME: \_\_\_\_\_ Contractor License No: \_\_\_\_\_

APPLICANT'S MAILING ADDRESS: \_\_\_\_\_

AGENCY: \_\_\_\_\_

CONTACT NUMBERS: \_\_\_\_\_  
Daytime Phone Fax Email

APPLICANT'S SIGNATURE: \_\_\_\_\_

For Agency Use Only			Fees: _____
Accepted By: _____			Application: _____
Insurance on file? <input type="checkbox"/> Yes <input type="checkbox"/> No	Final Insp. Cleared: <input type="checkbox"/>	Plan Review & Inspection: _____	
Road Moratorium? <input type="checkbox"/> Yes <input type="checkbox"/> No	Receipt #: _____	Total: _____	

## Encroachment Permit Conditions

- Construction Standard(s): \_\_\_\_\_
- Hard copy of the approved permit shall be on site at all times during work
- \*  Comprehensive General Liability insurance in amounts not less than \$1,000,000 combined single limit applying to bodily injury, personal injury and property damage are required.
- Additional Insured Endorsement: The local agency must be named as an additionally insured on a separate endorsement sheet that modifies the general liability policy.
- \*  Contact local Police Department, Fire Department, and Parking Services prior to start of work.
- The Contractor shall maintain local access and provide emergency vehicle access at all times.
- Compaction test is required and shall be submitted to local Public Works Department.
- Provide a traffic control plan per the Manual on Uniform Traffic Control Devices (MUTCD).
- Provide safe pedestrian and wheelchair access, per ADA and State requirements, during construction.
- All work shall be performed between the hours of 8am to 6pm.
- Please contact \_\_\_\_\_ prior to start of work and for final inspection.
- Planning review required: YES / NO
- Special Conditions: \_\_\_\_\_

### Encroachment Permit Approval

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Inspected By: \_\_\_\_\_ Date: \_\_\_\_\_

\* Per Contract Documents

## CITY OF SAUSALITO

STANDARD CONDITIONS FOR ENCROACHMENT PERMIT NO. \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

Condition Marked  Apply to this ProjectTHIS ENCROACHMENT PERMIT IS GOOD FOR  6 MONTHS \_\_  ONE YEAR \_\_  18 MONTHS \_\_  AS NOTED ON THE E.P. APPLICATION \_\_\_\_\_

1. This permit, or a complete copy, shall be kept at the work site at all times while work is being performed.
2. Notify Engineering Division staff at least 24 hours in advance of beginning work. **X** \_\_\_\_\_ Engineer at (415) 289-4106 ext. 111 and/or \_\_\_\_\_ Sausalito Marin City Sanitary District at (415) 331-4714.
3. Contractor is to comply with all requirement of Ordinance No. 1048 (Noise Ordinance) including limiting hours of work in residential areas between 8:00AM and ~~7:00PM~~ **6pm**, Monday through Friday, between 9:00AM and 5:00PM, Saturdays, ~~and between 9:00AM and 7:00PM, on City Holidays.~~ No work is permitted on Sunday, except by owner occupant between 9:00AM and 7:00PM. **No work on City Holidays**
4. Permittee shall comply with all Federal State and local laws regulation and statutes applicable to the work being performed under this permit. This also includes compliance with the requirements and permit conditions of the State of California Division of Industrial Safety.
5. The Permittee shall repair or replace at the discretion of the City Engineer, any and all public facilities damaged as a result of Permittee's actions in connection with this permit, and shall guarantee repairs or replacements to all work done under this permit, as deemed necessary by the City Engineer for a period of one year after completion of said work.
6. All traffic control shall be performed in accordance with the requirements of the current edition of Caltrans publication, "California Manual on Uniform Traffic Devices, Part 6- Temporary Traffic Control" including all specified advance construction signs and channelization devices. Construction warning signs and channelization devices are to be sufficient to adequately inform and protect vehicles, bicycle and pedestrian traffic. Permittee shall have available a copy of the Manual for workers at the construction site at all times during the progress of the work.
7. Where excavations have been permitted in paved streets, Permittee shall place temporary informational signs at each end of the work in addition to those signs required by the "California Manual on Uniform Traffic Devices, Part 6- Temporary Traffic Control." Such informational signs shall be a minimum of 18 x 24 inches, clearly identify the owner of the facility for which the work is being done, and shall show a telephone number of the owner where the public may obtain information relative to the work being done.
8. Traffic shall be permitted to pass through the work area at all times unless otherwise permitted in writing by the City Engineer. Any street closures shall be approved in advance by the City Engineer.
9. If the City Engineer determines that public convenience or safety is being jeopardized by Permittee's actions or inactions, the City Engineer may order the condition remedied by either verbal or written communication to the Permittee. If Permittee fails to remedy the condition within eight hours of such notice, the City Engineer may, at his or her discretion, either remedy the condition or contract to remedy the condition, and the cost thereof, including administrative expenses shall be charged to the Permittee.
10. If any work is performed in the location of an existing pedestrian path of travel, the Contractor shall restore the path of travel compliant with all ADA accessibility standards.
11. Any pavement marking and/or legends which are damaged or removed shall be replaced in kind by the Contractor at his/her expense. The repainting of any street markings or legends shall be performed using City stencils:
12. Wherever new work crosses any existing ~~City~~ utilities, the Contractor shall pothole the existing ~~City~~ utilities and determine their actual depth so as to avoid hitting these facilities during excavation.
13. All AC or PCC to be removed is to be sawcut at the edges.
14. All new AC street trench resurfacing is to be placed in maximum lifts of 3 inches and the final surface is to be fog sealed (unless a sand or slurry seal is called for on the plans).

## CITY OF SAUSALITO

## STANDARD CONDITIONS FOR ENCROACHMENT PERMIT NO. \_\_\_\_\_

15. All sections of curb, gutter and sidewalk to be replaced, shall have 12 inch long dowels ( #4 reinforcing bars) inserted 6" into the existing concrete. A minimum of 2 dowels shall be placed into the curb and gutter. A minimum of 2 dowels shall be placed into sidewalk. Sidewalk dowel spacing shall be 24 inches on center.
16. Portions of existing sidewalk or curb and gutter to be removed shall be removed to the nearest expansion joint or sawcut at an existing score mark. Sawcuts must be at least 1-1/2 inches deep.
17. Concrete curbs, gutters and sidewalk shall consist of five sacks of cement per cubic yard with 3/8" maximum aggregate. ~~Two pounds of lampblack shall be added per cubic yard.~~ Slump shall not exceed 4 inches.
18. Special care shall be taken to match the existing finish, color, texture and score joining during replacement of the sidewalk.
19. Curb, gutter and sidewalk surfaces shall be broom finished unless otherwise approved by the City Engineer.
20. New sidewalk thickness shall be 4 inches minimum and driveway thickness shall be 6" minimum.
21. All excavations shall be backfilled and paved either temporarily or permanently at the end of each work day or covered with steel traffic plates held securely in place.
22. All backfill placement shall be approved by the City Engineer prior to permanent pavement replacement.
23. Tree roots shall not be cut or in any way damaged by Permittee. **unless allowed by the Engineer**
24. Trench backfill shall be ~~either concrete slurry containing one sack of cement per cubic yard with 1/4 inch maximum aggregate size,~~ or Class 2 Aggregate Base compacted to 95% relative compaction as determined by California Test Method No. 216. All other trench details shall conform with Uniform Standard Drawing No. 330, 340 and 350 except as modified herein.
25. Permittee shall bear the entire cost of restoring the street or other property of the City, to the satisfaction of the City Engineer.
26. Excavated materials, equipment, construction materials or other debris shall not be stored or stockpiled on public streets **except as approved by the City**
27. The top six inches of subgrade shall be compacted to at least 95% relative Compaction in accordance with California Test Method No. 236 and shall be dampened before placing concrete.
28. Where unsuitable subgrade material is encountered, the City Engineer may require remedial work to be done, including, but not limited to, placing a layer of crushed rock under the concrete section.
29. Undercut subgrade for gutter or sidewalk shall be filled with Class 2 Aggregate Base.
30. Where trench excavation is longitudinal with the traffic lane and extends 100 feet or more, a 2" minimum thickness of asphalt concrete paving with pavement reinforcing fabric shall be placed across the entire width of the affected traffic lane upon completion of trench work. Existing surfacing shall be removed as necessary to maintain satisfactory cross slopes.
31. One-half inch thick expansion joints shall be placed on both sides of driveway approaches, curb and sidewalk return points and at 4 feet on center. Weakened plane joints in sidewalk shall be at least 1-1/2 inch deep and placed at 16 feet on center.
32. All work shall be performed in accordance with the codes and ordinances of the City of Sausalito and the Uniform Construction Standards, Specifications of the Cities of Marin and County of Marin.
33. The Contractor is to provide a Storm Water Pollution Prevention Plan to the City for review and approval. City Approval must be obtained prior to commencing any work.
34. Underground Service Alert (USA) shall be notified at tel. (800) 642-2444, no later than 48 hours prior to excavation near utilities.
35. No new utility boxes or poles will be permitted in the sidewalk area without the written approval of the City Engineer.

Special Conditions 2026-0

- 1 The Encroachment Permit is only applicable to the public right of way; contractor shall be responsible for ensuring that they have obtained permission from property owners prior to the use of their land.
- 2 No non-stormwater discharge shall enter the public storm drainage system or the Waters of The State. All Porta-Potties in the public Right of Way shall be equipped with a functional Secondary Containment Systems. The porta-potties shall be cleaned and maintained regularly throughout the project. The secondary containment shall be kept clear of trash, debris, and sewage. the secondary containment shall be properly cleaned or covered prior to any wet weather.
- 3 The public right of way shall be kept clean at all times. Spilled debris shall be cleaned promptly. No visible accumulation of sediment is permitted. No washing of sediment into drainage inlets is permitted. No materials associated with the work shall enter the waters of the State.
- 4 Prevent construction equipment/materials from entering stormdrains, sanitary sewers, ditches, creeks, or the bay.
- 5 Sweep streets and other paved areas daily. Never wash down streets or work areas with water.
- 6 Store any stockpiles of dirt, sand, asphalt, concrete, grout, or mortar under cover and away from drainage areas. These materials must never reach a storm drain, or other watercourse.
- 7 Contractor shall provide constant dust control.
- 8 Contractor shall save and protect existing monuments. Any damaged monuments shall be reestablished along with the filing of all required documents including but not limited to Corner Record with Marin County Department of Public Works. Refer to Business & Professions code section 8771.
- 9 No Excavation Permitted in EDWARDS AVE. until the moretorium is lifted.
- 10 Maintain access to adjacent driveways.
- 11 No parking signs shall be obtained from City of Sausalito Department of Public Works. Notify Megan Lockett one week in advance of posting date, mlockett@sausalito.gov. No parking signs shall be posted and verified by the County Dispatch 72 hours prior to becoming effective for enforcement. To verify the no parking signs, call County Dispatch 415-479-5302.
- 12 Project shall not increase emergency response time and shall allow emergency vehicles to pass without delay.
- 13 contractor shall notify County Dispatch prior to any road closure: 415-479-5302 & provide road closure schedule. After calling County Dispatch, call Southern Marin Fire at 415-388-8182 ext 3883, email khuff@smfd.org & Department of Public Works at ENGINEERING@SAUSALITO.GOV. If the road closure schedule changes, notify County Dispatch. After calling County Dispatch, call Southern Marin Fire at 415-388-8182 ext 3883, email khuff@smfd.org & Department of Public Works at ENGINEERING@SAUSALITO.GOV.
- 14 contractor shall provide an emergency contact phone number to County Dispatch. Emergency contact phone shall be monitored at all times while traffic control is in place.

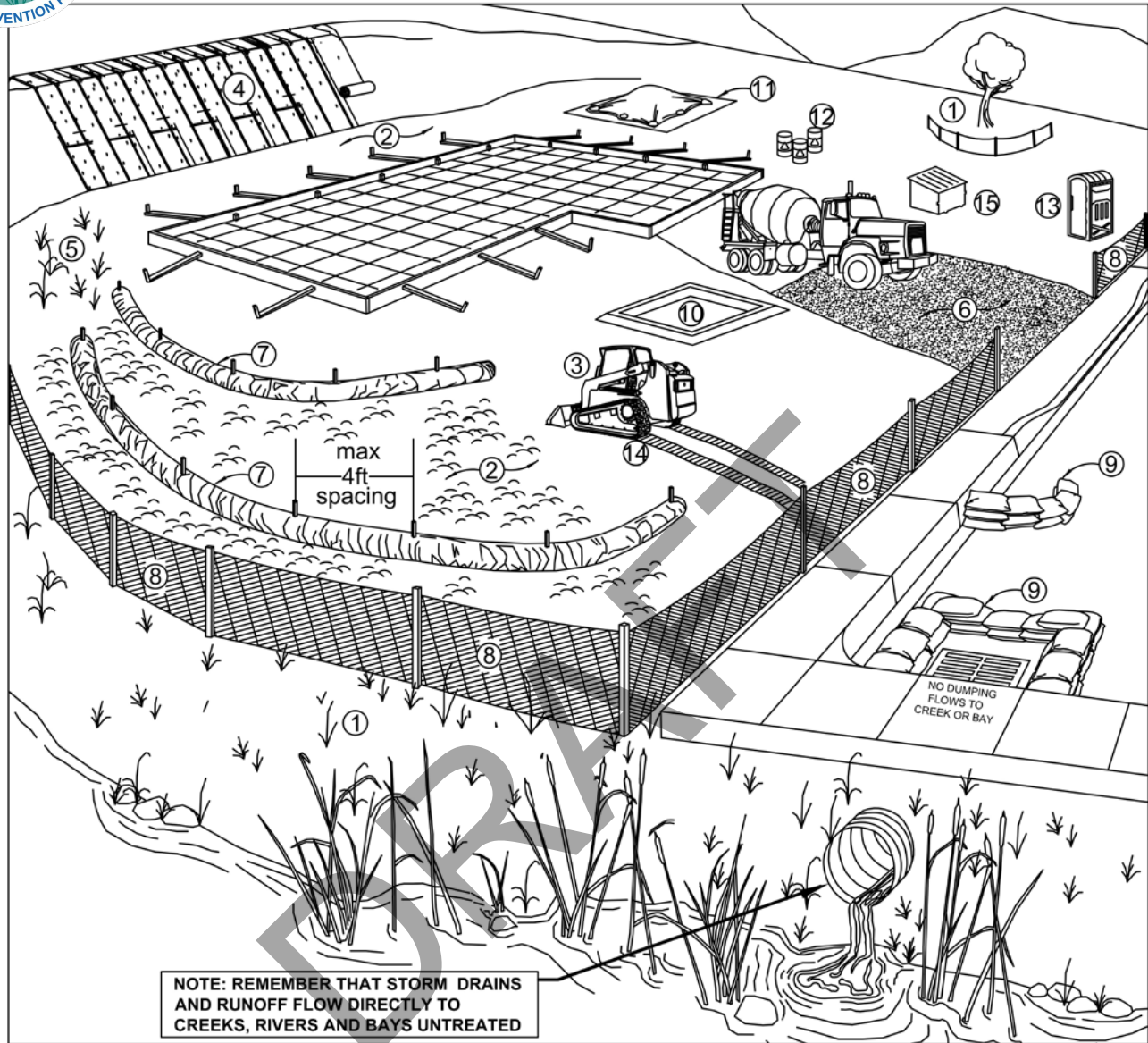
- 15 Signs stating the date, time, location, contact name and phone number of responsible person in charge of the operation shall be posted, minimum one in each direction, at least 48 hours in advance of the closure. Signs shall consist of black letters on a white background, shall be at least two feet times four feet in size.
- 16 The Equipment shall not block the gutter.
- 17 Reflector/cones shall be placed at the traffic side corners of the Equipment.
- 18 If a subcontractor is to be used to perform any part of the work, subcontractor shall name the City of Sausalito as an additionally insured on a separate endorsement sheet that modifies the general liability policy prior to start of work, a copy of which shall be provided to the City of Sausalito. The description in the certificate shall include the following language: "The City of Sausalito, its agents, officers, officials, employees and volunteers as required by the permit are included as additionally insured."

DRAFT



# Marin Countywide Stormwater Pollution Prevention Program

## Minimum Control Measures For Small Construction Projects



**NOTE: REMEMBER THAT STORM DRAINS AND RUNOFF FLOW DIRECTLY TO CREEKS, RIVERS AND BAYS UNTREATED**

<u>Erosion Controls</u>	<u>Sediment Controls</u>	<u>Good Housekeeping</u>
NS Scheduling	6. Tracking Controls	10. Concrete Washout
1. Preserve Vegetation & Creek Set Backs	7. Fiber Rolls	11. Stockpile Management
2. Soil Cover	8. Silt Fence	12. Hazardous Material Management
3. Soil Preparation/ Roughening	9. Drain Inlet Protection	13. Sanitary Waste Management
4. Erosion Control Blankets	NS Trench Dewatering	14. Equipment and Vehicle Maintenance
5. Revegetation		15. Litter and Waste Management

NS=not shown on graphic

**Note:** Select an **effective combination of control measures from each category**, Erosion Control, Sediment Control, and Good Housekeeping. Control measures shall be **continually implemented and maintained throughout the project** until activities are complete, disturbed areas are stabilized with permanent erosion controls, and the local agency has signed off on permits that may have been required for the project. **Inspect and maintain the control measures** before and after rain events, and as required by the local agency or state permit.

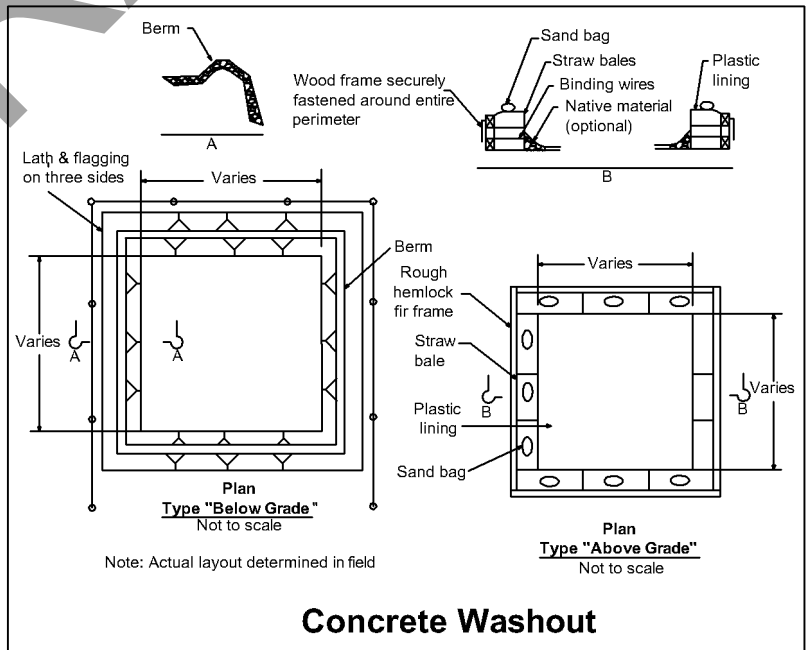
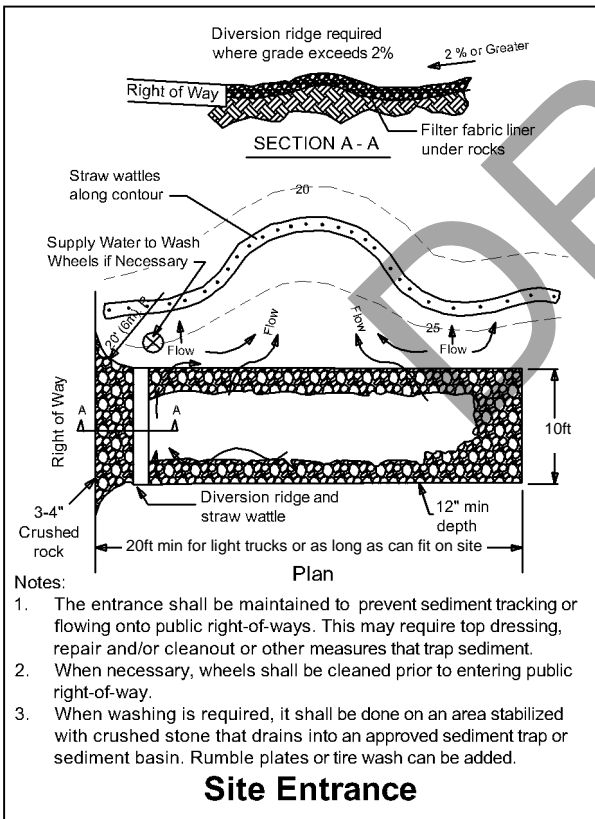
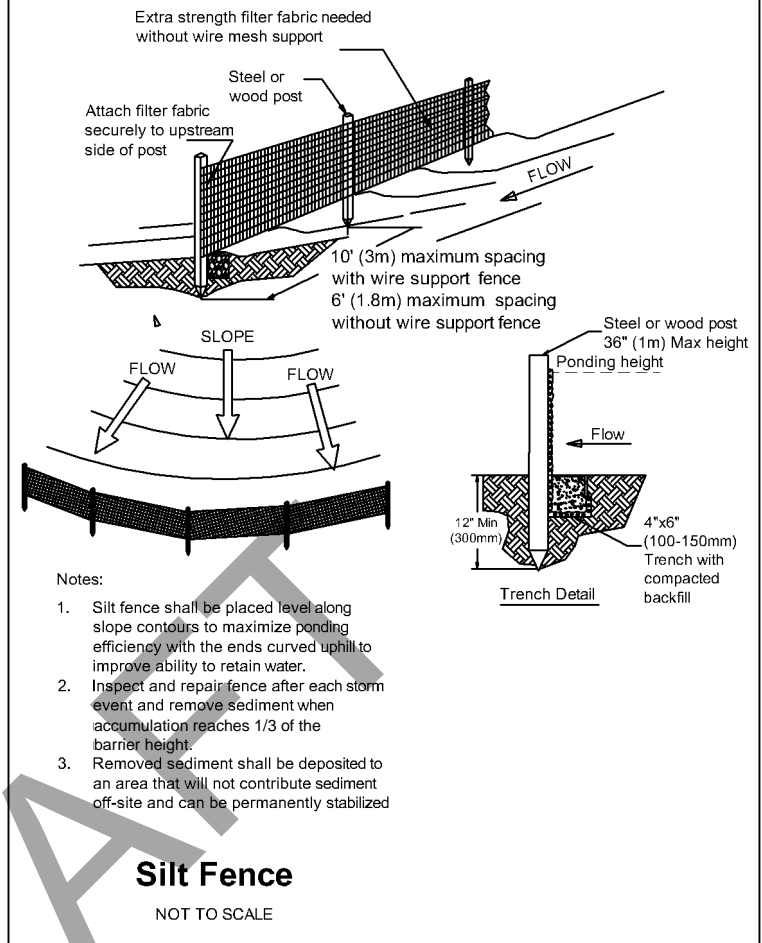
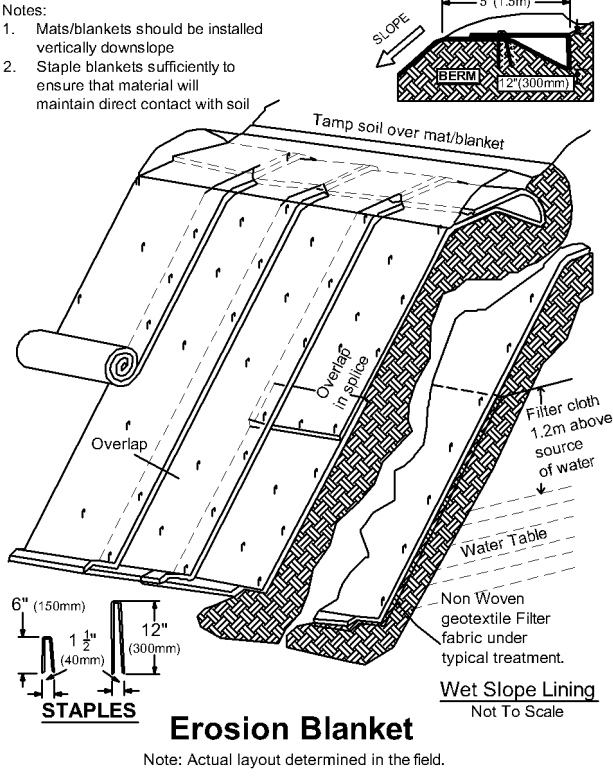
More detailed information on the BMPs can be found in the related California Stormwater Quality Association (CASQA) and California Department of Transportation (Caltrans) BMP Factsheets. CASQA factsheets are available by subscription in the *California Best Management Practices Handbook Portal: Construction* at <http://www.casqa.org>. Caltrans factsheets are available in the *Construction Site BMP Manual March 2003* at <http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>. Visit [www.mcstoppp.org](http://www.mcstoppp.org) for more information on construction site management and Erosion and Sediment Control Plans.

**If you require materials in alternative formats, please contact:  
415-473-4381 voice/TTY or [disabilityaccess@marincounty.gov](mailto:disabilityaccess@marincounty.gov)**

Control Measure		General Description
<b>Erosion Control Best Management Practices</b>		
N/A	Scheduling	Plan the project and develop a schedule showing each phase of construction. Schedule construction activities to reduce erosion potential, such as scheduling ground disturbing activities during the summer and phasing projects to minimize the amount of area disturbed. <i>For more info see the following factsheets: CASQA: EC-1; or Caltrans: SS-1.</i>
1	Preserve Existing Vegetation and Creek Setbacks	Preserve existing vegetation to the extent possible, especially along creek buffers. Show creek buffers on maps and identify areas to be preserved in the field with temporary fencing. Check with the local Planning and Public Works Departments for specific creek set back requirements. <i>For more info see the following factsheets: CASQA: EC-2; or Caltrans: SS-2.</i>
2	Soil Cover	Cover exposed soil with straw mulch and tackifier (or equivalent). <i>For more info see the following factsheets: CASQA: EC-3, EC-5, EC-6, EC-7, EC-8, EC-14, EC-16; or Caltrans: SS-2, SS-4, SS-5, SS-6, SS-7, SS-8.</i>
3	Soil Preparation/Roughening	Soil preparation is essential to vegetation establishment and BMP installation. It includes soil testing and amendments to promote vegetation growth as well as roughening surface soils by mechanical methods (decompacting, scarifying, stair stepping, etc.). <i>For more info see the following factsheets: CASQA: EC-15.</i>
4	Erosion Control Blankets	Install erosion control blankets (or equivalent) on disturbed sites with 3:1 slopes or steeper. Use wildlife-friendly blankets made of biodegradable natural materials. Avoid using blankets made with plastic netting or fixed aperture netting. See: <a href="http://www.coastal.ca.gov/nps/Wildlife-Friendly_Products.pdf">http://www.coastal.ca.gov/nps/Wildlife-Friendly_Products.pdf</a> . <i>For more info see the following factsheets: CASQA: EC-7; or Caltrans: SS-7.</i>
5	Revegetation	Re-vegetate areas of disturbed soil or vegetation as soon as practical. <i>For more info see the following factsheets: CASQA: EC-4; or Caltrans: SS-4.</i>
<b>Sediment Control Best Management Practices</b>		
6	Tracking Controls	Stabilize site entrance to prevent tracking soil offsite. Inspect streets daily and sweep street as needed. Require vehicles and workers to use stabilized entrance. Place crushed rock 12-inches deep over a geotextile, using angular rock between 4 and 6-in. Make the entrance as long as can be accommodated on the site, ideally long enough for 2 revolutions of the maximum tire size (16-20 feet long for most light trucks). Make the entrance wide enough to accommodate the largest vehicle that will access the site, ideally 10 feet wide with sufficient radii for turning in and out of the site. Rumble pads or rumble racks can be used in lieu of or in conjunction with rock entrances. Wheel washes may be needed where space is limited or where the site entrance and sweeping is not effective. <i>For more info see the following factsheets: CASQA: TC-1; TC-3; or Caltrans: TC-1; TC-3.</i>
7	Fiber Rolls	Use fiber rolls as a perimeter control measure, along contours of slopes, and around soil stockpiles. On slopes space rolls 10 to 20 feet apart (using closer spacing on steeper slopes). Install parallel to contour. If more than one roll is used in a row overlap roll do not abut. J-hook end of roll upslope. Install rolls per either Type 1 (stake rolls into shallow trenches) or Type 2 (stake in front and behind roll and lash with rope). Use wildlife-friendly fiber rolls made of biodegradable natural materials. Avoid using fiber rolls made with plastic netting or fixed aperture netting. See: <a href="http://www.coastal.ca.gov/nps/Wildlife-Friendly_Products.pdf">http://www.coastal.ca.gov/nps/Wildlife-Friendly_Products.pdf</a> . Manufactured linear sediment control or compost socks can be used in lieu of fiber rolls. <i>For more info see the following factsheets: CASQA: SE-5 (Type 1); SE-12, SE-13; or Caltrans: SC-5 (Type 1 and Type 2).</i>
8	Silt Fence	Use silt fence as a perimeter control measure, and around soil stockpiles. Install silt fence along contours. Key silt fence into the soil and stake. Do not use silt fence for concentrated water flows. Install fence at least 3 feet back from the slope to allow for sediment storage. Wire backed fence can be used for extra strength. Avoid installing silt fence on slopes because they are hard to maintain. Manufactured linear sediment control can be used in lieu of silt fences. <i>For more info see the following factsheets: CASQA: SE-1; SE-12; or Caltrans: SC-1.</i>
9	Drain Inlet Protection	Use gravel bags, (or similar product) around drain inlets located both onsite and in gutter as a last line of defense. Bags should be made of a woven fabric resistant to photo-degradation filled with 0.5-1-in washed crushed rock. Do not use sand bags or silt fence fabric for drain inlet protection. <i>For more info see the following factsheets: CASQA: SE-10; or Caltrans: SC-10.</i>
N/A	Trench Dewatering	Follow MCSTOPPP BMPs for trench dewatering. <a href="http://www.marincounty.org/depts/pw/divisions/mcstoppp/development/-/media/Files/Departments/PW/mcstoppp/development/TrenchingSWReqMCSTOPPPFinal6_09.pdf">http://www.marincounty.org/depts/pw/divisions/mcstoppp/development/-/media/Files/Departments/PW/mcstoppp/development/TrenchingSWReqMCSTOPPPFinal6_09.pdf</a> . <i>For more info see the following factsheets: CASQA: NS-2; or Caltrans: NS-2.</i>
<b>Good Housekeeping Best Management Practices</b>		
10	Concrete Washout	Construct a lined concrete washout site away from storm drains, waterbodies, or other drainages. Ideally, place adjacent to stabilized entrance. Clean as needed and remove at end of project. <i>For more info see the following factsheets: CASQA: WM-8; or Caltrans: WM-8.</i>
11	Stockpile Management	Cover all stockpiles and landscape material and berm properly with fiber rolls or sand bags. Keep behind the site perimeter control and away from waterbodies. <i>For more info see the following factsheets: CASQA: WM-3 or Caltrans: WM-3.</i>
12	Hazardous Material Management	Hazardous materials must be kept in closed containers that are covered and within secondary containment; do not place containers directly on soil. <i>For more info see the following factsheets: CASQA: WM-6; or Caltrans: WM-6.</i>
13	Sanitary Waste Management	Place portable toilets near stabilized site entrance, behind the curb and away from gutters, storm drain inlets, and waterbodies. Tie or stake portable toilets to prevent tipping and equip units with overflow pan/tray (most vendors provide these). <i>For more info see the following factsheets: CASQA: WM-9; or Caltrans: WM-9.</i>
14	Equipment and Vehicle Maintenance	Prevent equipment fluid leaks onto ground by placing drip pans or plastic tarps under equipment. Immediately clean up any spills or drips. <i>For more info see the following factsheets: CASQA: NS-8, NS-9, and NS-10; or Caltrans: NS-8, NS-9, and NS-10.</i>
15	Litter and Waste Management	Designate waste collection areas on site. Use watertight dumpsters and trash cans; inspect for leaks. Cover at the end of each work day and when it is raining or windy. Arrange for regular waste collection. Pick up site litter daily. <i>For more info see the following factsheets: CASQA: WM-5; or Caltrans: WM-5.</i>

Notes:

1. Mats/blankets should be installed vertically downslope
2. Staple blankets sufficiently to ensure that material will maintain direct contact with soil



# POLLUTION PREVENTION

## IT'S PART OF THE PLAN

### MAKE SURE YOUR CREWS AND SUBS DO THE JOB RIGHT!

Runoff from streets and other paved areas is a major source of pollution in our local waterways and the San Francisco Bay. Construction activities can directly affect the health of our waterways unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements. Storm drain polluters may be liable for fines! For more information, contact your local stormwater coordinator (see reverse side).

#### EARTHWORK & CONTAMINATED SOILS

- ▶ Avoid scheduling earth disturbing activities during the rainy season. If grading activities during wet weather are allowed in your permit, be sure to implement all measures necessary to prevent erosion and sediment runoff.
- ▶ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ▶ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place a silt barrier downslope until soil is secure.
- ▶ Keep excavated soil securely covered and bermed on the site where it is least likely to receive run-on. Transfer to dump trucks should occur on the site, not in the street.
- ▶ Use straw wattles, silt fences, gravel bags, check dams, or other control measures to prevent the flow of silt from the site and into storm drains or creeks.

#### PAVING/ASPHALT WORK

- ▶ Do not pave or conduct other concrete/asphalt work during wet weather or when rain is forecast.
- ▶ Always seal off storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, etc.
- ▶ Do not sweep or wash down excess materials into storm drains, ditches, or creeks. Collect these materials and return them to stockpiles, or dispose of properly.
- ▶ Do not use water to wash down fresh asphalt or concrete pavement.

#### DEWATERING OPERATIONS

- ▶ Reuse uncontaminated water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ▶ Be sure to call the local Stormwater Coordinator before discharging water to a street, storm drain, or creek. Only clean groundwater can be discharged to a storm drain. Settling, filtration, treatment, or removal may be required.

#### MATERIALS STORAGE & WASTE DISPOSAL

- ▶ Sweep streets and other paved areas daily. Never wash down streets or work areas with water!
- ▶ Be sure to store any stockpiles of dirt, sand, asphalt, concrete, grout, mortar, etc. under cover and away from drainage areas. These materials must never reach a storm drain, creek, or other watercourse. Stockpiles must be kept onsite, not in the street.
- ▶ Collect and retain all concrete washout water and solids in leak proof containers so that none of the caustic material reaches the soil surface where it can migrate to surface waters or into the groundwater.
- ▶ All water from washing exposed aggregate concrete must also be diverted and captured into leak proof containers where it will not come in contact with the soil.
- ▶ All collected wash water and solids must be properly recycled or removed off site for appropriate disposal.

#### HAZARDOUS MATERIALS MANAGEMENT

- ▶ Label all hazardous materials/wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ▶ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ▶ Follow manufacturer's application instructions for hazardous materials. Be careful not to use more than necessary.
- ▶ Do not apply pesticides, herbicides, or other chemicals outdoors when rain is forecast within 48 hours.
- ▶ Dispose of hazardous materials/waste at the Hazardous Waste Collection Facility. For more information:
  - Novato businesses call - 800-243-0291
  - All other businesses in Marin call - 415-485-6806

CONTINUED ON BACK

## PAINTING

- ▶ Never rinse paint brushes or materials onto the ground, into a storm drain or backyard drain, or on the street!
- ▶ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink with a drain that goes to sanitary sewer.
- ▶ Paint out excess oil-based paint before cleaning brushes in paint thinner or solvent in a proper container.
- ▶ Filter paint thinners and solvents for reuse whenever possible. Dispose of all leftover paints, oil-based paint sludge, and unusable thinner at the hazardous waste collection facility. (See reverse for Hazardous Materials Management.)

## LANDSCAPING

- ▶ Schedule grading and excavation projects for dry weather.
- ▶ Disturb the least amount of soil and existing vegetation as possible to complete the work.
- ▶ Protect stockpiles and landscaping materials from wind and rain by storing them under secured tarps or plastic sheeting and berm as needed to prevent run-on.
- ▶ Protect storm drain inlets with gravel bag berms, filter mats or other inlet protection measures.
- ▶ Use temporary check dams, wattles, silt fences, and other sediment control devices to keep your dirt onsite.
- ▶ Revegetate the area. It's an excellent form of erosion control for any site.
- ▶ Store pesticides, fertilizers, and other chemicals indoors or in a locked shed or storage cabinet with secondary containment. Clean up all spills immediately.
- ▶ Make sure all products are properly labeled and check inventory before buying additional products.
- ▶ Properly rinse and dispose of containers according to the manufacturer's label recommendations.
- ▶ Take all unwanted products to the haz-waste facility. (See reverse for Hazardous Materials Management.)
- ▶ Collect lawn and garden clippings, pruning waste and tree trimmings. Chip, if necessary, and compost.
- ▶ Do not place yard waste in gutters. In communities with curbside yard waste recycling, leave clippings and pruning waste for pick-up in approved bags or containers or, take to a landfill that composts yard waste.
- ▶ Do not blow, sweep, or rake leaves and other yard waste into the street, storm drain, or creek.

## POOL/SPA MAINTENANCE

- ▶ Never discharge swimming pool, fountain, or spa water (and/or backwash water) to a street, storm drain, or creek. Call MCSTOPPP at 415-473-6528 to request a free brochure - or go to [www.mcstoppp.org](http://www.mcstoppp.org) and look under Community Resources -> Businesses Resources.

## VEHICLE & EQUIPMENT MAINTENANCE

- ▶ Frequently inspect vehicles and equipment for leaks. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ▶ Do not clean vehicles or equipment on site using soaps, solvents, degreasers, steam cleaning equipment, etc.
- ▶ Do not conduct fueling or maintenance for vehicles or equipment on site unless absolutely necessary. If fueling or maintenance must be done, put down tarps or plastic in a bermed area and use drip pans large enough to contain any spills. Collect and dispose of any hazardous materials properly.

## SAW CUTTING

- ▶ Always completely seal or barricade storm drain inlets when saw cutting. Use sand bags, barrier dikes, adhesive mats, or similar to keep all slurry, water, and fines out of the storm drain system. If saw-cut slurry materials enter a storm drain, clean up with dry methods or vacuum the storm drain immediately.
- ▶ Shovel, absorb, and/or vacuum up saw-cut slurry, water and fines as you're cutting. Remove all waste in sealed, transportable containers as soon as you are finished.

### STORMWATER COORDINATORS

(Call During Normal Business Hours)

**Town of San Anselmo**  
415-258-4616

**City of Sausalito**  
415-289-4100

**Town of Corte Madera**  
415-927-5057

**City of San Rafael**  
415-485-3355

**City of Belvedere**  
415-435-3838

**County Unincorporated**  
415-473-6528

**Town of Ross**  
415-453-1453

**Town of Tiburon**  
415-435-7354

**Town of Fairfax**  
415-458-2370

**City of Larkspur**  
415-927-5017

**City of Novato**  
415-899-8246

**City of Mill Valley**  
415-388-4033

To report illegal discharges to storm drains or local waterways occurring after normal business hours, call 911 or your local fire department.

To report oil and chemical spills occurring in "open waters" or "on land" call 1-800-OILS911

To report habitat destruction, fish kills, or poaching, call the California Department of Fish and Wildlife at 888-334-2258.

*En Marin, ¡toda el agua de los drenajes pluviales se va directamente a los arroyos y canales locales!*

## **PREVENCIÓN DE LA CONTAMINACIÓN ES PARTE DEL PLAN**

### **¡ASEGÚRESE QUE HAGA BIEN SU TRABAJO!**

El escurrimiento de las calles y otras áreas pavimentadas son una fuente importante de contaminación para la Bahía de San Francisco. Las actividades de construcción pueden afectar directamente la salud de la Bahía a menos de que los contratistas y cuadrillas de trabajadores planeen con anticipación para que el polvo, los escombros y otros desechos de construcción no lleguen al drenaje pluvial ni a los arroyos locales. Seguir estos lineamientos puede ayudarle a asegurarse de cumplir con los requisitos y reglamentaciones locales. Comuníquese con su Coordinador Local de Aguas Pluviales (ver el reverso de esta hoja). ¡Cualquier persona que contamine los drenajes pluviales puede estar sujeta a sanciones!

### **ACTIVIDADES DE MOVIMIENTO DE TIERRA Y SUELOS CONTAMINADOS**

- ▶ Siempre que sea posible, durante la temporada de lluvias, evite programar actividades en donde haya movimiento de tierra. Si su permiso de construcción incluye actividades durante la época lluviosa, asegúrese de aplicar todas las medidas necesarias para prevenir la erosión.
- ▶ La vegetación madura es la mejor forma de controlar la erosión. Minimice lo más posible cualquier actividad que afecte a la vegetación existente.
- ▶ Si usted tiene que afectar una pendiente o ladera durante la construcción, prevenga la erosión al colocar tela o malla de control, o simiente de pasto de rápido crecimiento lo más pronto posible. Coloque una valla de contención cuesta abajo hasta que la tierra quede segura.
- ▶ Mantenga la tierra excavada en el sitio donde sea lo menos probable que se acumule en la calle. Las transferencias a los camiones de volteo deben hacerse en el sitio de la construcción, y no en la calle.
- ▶ Use bolsas de arena, vallas de contención, pacas de paja o cualquier otra medida para prevenir el flujo de lodo o cieno del sitio hacia el drenaje pluvial o los arroyos o canales.

### **TRABAJOS DE PAVIMENTACIÓN**

- ▶ No haga trabajos de pavimentación en la temporada de humedad o cuando haya pronóstico de lluvia.
- ▶ Siempre cubra las entradas o bocas de alcantarilla cuando vaya a pavimentar o aplicar cualquier tipo de sello o capa en la calle.
- ▶ No barra ni enjuague materiales sobrantes hacia las alcantarillas, canales o arroyos. Recoja estos materiales, acumulándolos y disponiendo de ellos con la basura.
- ▶ No lave con agua el pavimento de concreto o asfalto recién colocado.

### **OPERACIONES DE DESAGUADO**

- ▶ Reutilice en el sitio, al grado máximo posible, el agua para control de polvo, irrigación o cualquier otro propósito.

- ▶ Asegúrese de llamar al Coordinador Local de Aguas Pluviales antes de hacer cualquier descarga de agua en una calle, o en un drenaje pluvial, canal o arroyo. Es posible que se requiera filtración o desviación del sedimento en pozas o tanques.

### **ALMACENAMIENTO DE MATERIALES Y DISPOSICIÓN DE RESIDUOS**

- ▶ Barra diariamente las calles y otras áreas pavimentadas. ¡Nunca lave las calles o áreas de trabajo con agua!
- ▶ Asegúrese de almacenar cualquier monte de tierra, arena, asfalto, concreto o mortero en un lugar cubierto y alejado del drenaje pluvial. Estos materiales nunca deben llegar por un drenaje pluvial a ningún canal, arroyo o cuerpo de agua.
- ▶ Lave el equipo de concreto fuera del sitio, o designe un lugar específico en el sitio para hacerlo en donde el agua fluya a una fosa temporal de tierra. Deje que el agua escurra y se filtre en la tierra y deseché después con la basura el concreto endurecido.
- ▶ Desvíe el agua con la que se ha enjuagado el concreto agregado hasta una zona de tierra para que el agua no se escurra hacia la alcantarilla, la calle o el drenaje pluvial.
- ▶ Si no hay una zona de tierra adecuada, recolecte el agua del lavado y deseché adecuadamente fuera del sitio.

### **MANEJO DE MATERIALES PELIGROSOS**

- ▶ Coloque etiquetas en todos los materiales o residuos peligrosos (plaguicidas, pinturas, solventes, combustible, aceite y anticongelante) de acuerdo con las reglamentaciones municipales, estatales y federales.
- ▶ Almacene los materiales y residuos peligrosos en un contenedor secundario y cúbralos en temporadas de humedad.
- ▶ Siga las instrucciones del fabricante al usar materiales peligrosos, con cuidado de usar solamente lo necesario.
- ▶ No aplique sustancias químicas en áreas exteriores si hay pronóstico de lluvia dentro de un período de 24 horas.

**CONTINÚA AL REVERSO**

- ▶ Deseche los materiales o residuos peligrosos en las instalaciones adecuadas. Para mayor información: Negocios de Novato, llamar al 892-6395. Otros Negocios de Marin: 485-5648 (Las viviendas particulares pueden usar las instalaciones gratuitamente. Novato, 892-7344. Otras áreas de Marin, 485-6806.)

## PINTURA

- ▶ ¡Nunca enjuague brochas o materiales de pintura en la calle o cerca del drenaje pluvial!
- ▶ Termine de usar toda la pintura de agua antes de enjuagar las brochas, rodillos o envases en un fregadero. Si no hay lavamanos o fregadero, debe lavarlas donde haya tierra, picando la tierra con una pala.
- ▶ Termine de usar toda la pintura de aceite antes de limpiar sus brochas con aguarrás o solvente.
- ▶ Siempre que sea posible, filtre sus solventes para reutilizarlos. Disponga del lodo de pintura de aceite y solvente no reutilizable en una instalación de recolección de residuos peligrosos. (favor de referirse a la sección de Manejo de Materiales Peligrosos.)

## JARDINERÍA ORNAMENTAL

- ▶ Programe proyectos de excavación y terrenos inclinados para la temporada seca.
- ▶ Proteja los materiales de jardinería del viento y la lluvia cubriéndolos con lonas y plástico grueso.
- ▶ Guarde todos los plaguicidas, fertilizantes y otras sustancias químicas bajo techo en el interior, o si es en el exterior, en un gabinete cerrado con llave o caseta de herramientas.
- ▶ Asegúrese de que todos los productos estén debidamente etiquetados y revise su inventario antes de comprar productos adicionales.
- ▶ Enjuague los envases antes de tirarlos a la basura. (envases de 5 galones o menos.)
- ▶ Deseche cualquier material que ya no quiera en las instalaciones de materiales y residuos peligrosos. (favor de referirse a la sección de Manejo de Materiales Peligrosos.)
- ▶ Utilice zanjas o diques temporales para desviar el escurrimiento e impedir que se vaya hacia los drenajes pluviales.
- ▶ Proteja las entradas de las alcantarillas con mallas de filtro.
- ▶ Lleve a cabo actividades de re-vegetación del área. Es una medida excelente para controlar la erosión.
- ▶ Recolecte los recortes del jardín, residuos de poda y ramas cortadas. Haga compostaje, triturando los materiales en caso necesario.
- ▶ No coloque el desecho del jardín en las alcantarillas. En las comunidades donde haya reciclado de materiales de jardinería, debe colocarlo en el lugar adecuado para su recolección, o llevarlo a un relleno sanitario donde haya compostaje.
- ▶ Al barrer las hojas a mano o soplarlas con máquina, no las deje en la calle.
- ▶ Llame al Programa de Aguas Pluviales del Condado, al 473-6528 para pedir los Lineamientos para Jardinería Profesional de la Organización Bay-Friendly o visite [www.bayfriendlycoalition.org](http://www.bayfriendlycoalition.org).
- ▶ Llame al 485-3363 para pedir la serie gratuita de hojas informativas "Healthy Gardening for People, Pets & Our Environment" o visite [www.OurWaterOurWorld.org](http://www.OurWaterOurWorld.org)

## MANTENIMIENTO DE PISCINAS, FUENTES O SPAS

- ▶ Nunca descargue agua de piscina o spa (y/o resaca) hacia la calle o drenaje pluvial. Para mayor información, llame al Coordinador Local de Aguas Pluviales y/o a su distrito de saneamiento.

## MANTENIMIENTO DE EQUIPO Y VEHÍCULOS

- ▶ Revise sus vehículos y equipo con frecuencia para detectar fugas. Use bandejas para recolectar los goteos hasta que se hagan las reparaciones, a la mayor brevedad posible.
- ▶ Las actividades de suministro de combustible y mantenimiento de vehículos se deben hacer en un lugar del sitio que esté protegido con lona y sobre una bandeja de goteo que sea suficientemente grande para prevenir escurrimientos.
- ▶ Si tiene que limpiar sus vehículos o equipo en el sitio, use solamente agua, y hágalo en el área protegida con lona para impedir el escurrimiento hacia las calles, el drenaje pluvial, los canales o los arroyos.
- ▶ No limpie los vehículos o el equipo en el sitio con jabón, solventes, desgrasantes, equipo de limpieza por vapor, etc.

## USO DE SERRUCHOS

- ▶ Siempre cubra completamente las entradas a las alcantarillas pluviales cuando use un serrucho o sierra eléctrica. Use tela de filtro, bolsas de arena o grava fina para evitar que el lodo de aserrín se escurra al alcantarillado. En caso de que esto suceda. límpiolo inmediatamente.

COORDINADORES LOCALES DE AGUAS PLUVIALES DEL CONDADO DE MARIN (Durante horas normales de oficina)	
San Anselmo 258-4600	Corte Madera 927-5057
Belvedere 435-3838	Ross 453-1453 ext. 163
Fairfax 453-1584	Novato 899-8246
Sausalito 289-4100	San Rafael 485-3355
County Unincorporated 473-6528	Tiburon 435-7399
Larkspur 927-5017	Mill Valley 388-4033 ext. 116

*Para reportar descargas ilegales a desagües pluviales, arroyos y humedales que ocurran después de horas de oficina, favor de llamar al 911 o a la oficina del Sheriff, a la línea de no emergencia: 473-7233.*

*Para reportar fugas o derrames de petróleo o sustancias químicas en "aguas abiertas" o "sobre la tierra" llame al 1-800-OILS911.*

# **EDWARDS AVENUE SLOPE STABILIZATION**

Addendum No. 1

**END OF ADDENDUM NO. 1**

**Issued By: City of Sausalito  
Andrew Davidson  
Senior Engineer**

**ACKNOWLEDGED**

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**Bidder's Signature**

**A signed copy of this addendum is to be submitted as a part of the bid package for the subject project. Failure to do so may subject the Bidder to Disqualification.**