# **CITY OF SAUSALITO** BRIDGEWAY SLIDE REPAIR BELOW 268 WOODWARD SAUSALITO, CA





GENERAL

### ABBREVIATIONS & SYMBOLS

APPROX APPROXIMATELY

CITY OF SAUSALITO

FT FEET

INCH

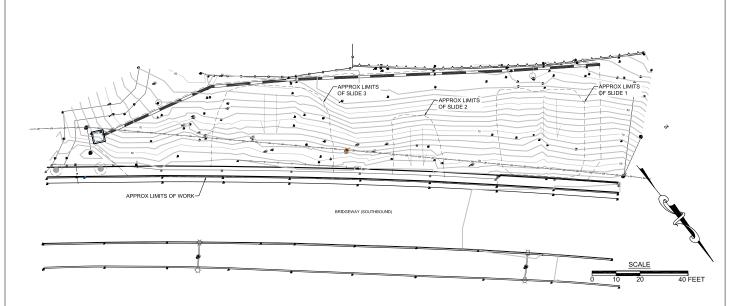
NEW

TOP OF WALL ELEVATION

MARIN CO. UNIFORM CONSTRUCTION STANDARDS



### INDEX OF SHEETS SHEET NO SHEET TITLE TITLE SHEET & NOTES EXISTING CONDITIONS & SLOPE REPAIR PLAN RETAINING WALL PROFILES SECTIONS & DETAILS BORING LOGS EROSION & SEDIMENT CONTROL



### MECHANICALLY STABILIZED EARTH (MSE) SLOPES & RETAINING WALLS

- REFER TO TECHNICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR MSE SLOPES & RETAINING WALLS.
- GEOSYNTHETIC REINFORCING SHALL BE INSTALLED AS SHOWN ON THE PLANS AND SHALL CONSIST OF MIRAGRID 3XT OR APPROVED EQUAL.
- BLOCKS USED IN WALL CONSTRUCTION SHALL BE VERSA-LOK STANDARD UNITS OR APPROVED EQUAL.
- FILL USED FOR WALL BACKFILL AND FILL SLOPES SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING EIGHT NICHES IN THICKNESS, BACKFILL SHALL BE MOISTURE CONDITIONED TO AT LEAST TWO PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION IN ACCORDANCE WITH ASTM DIS57.

- PIPE USED FOR DRAINAGE SHALL CONFORM TO ASTM D3034, SDR 35 OR APPROVED EQUAL.
- 2. USE SWEEP TYPE FITTINGS AT ALL CHANGES IN DIRECTION.
- 3. PIPE INSTALLATION SHALL CONFORM TO ALL REQUIREMENTS OUTLINED IN THE MOST RECENT VERSION OF THE CALIFORNIA PLUMBING CODE.EACH DRAINAGE PIPE SHALL BE PROVIDED WITH A CLEANOUT AT ITS UPSTREAM END, AND EACH RUN OF PIPING THAT IS MORE THAN 100 FEET IN TOTAL LENGTH SHALL BE PROVIDED WITH A CLEANOUT FOR EACH 100 FEET, OR FRACTION THEREOF, IN LENGTH OF PIPING, AN ADDITIONAL CLEANOUT SHALL BE PROVIDED IN A DRAINAGE LINE FOR EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING 135 DEGREES.
- (MODEL NO. DI242436 OR DI242448) WITH ASSOCIATED RISERS AND PEDESTRIAN RATED GRATE COVERINGS OR APPROVED EQUAL.
- RECTANGULAR SIDEWALK UNDERDRAINS SHALL CONSIST OF SIZE #3 BY FOUNDRY SERVICE & SUPPLIES, INC. OR APPROVED EQUAL.

## PROPERTY MAP (SCALE: 1" = 20'-0")

### EROSION & SEDIMENT CONTROL

- STRAW WATTLES SHALL CONSIST OF GREEN SEDIMAX SWB9 BY NORTH AMERICAN GREEN OR APPROVED EQUAL.

- PENDIDIC SPECIAL INSPECTIONS AND STRUCT DATA DESERVATION OF WALL CONSTRUCTION. AS REQUIRED BY THE 2019 CALFORNIA BUILDING CODE (CBC) CHAPTER 17. SHALL BE PERFORMED BY MILLER PACIFIC OR A QUALIFIED TESTING AND INSPECTION ASSENCE OF THE POLICY OF THE PROPERTY OF THE POLICY OF THE

- EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH ALL REQUIREMENTS
   OUTLINED IN THE MARIN COUNTY STORMWATER POLLUTION PREVENTION PROGRAM
   (MCSTOPPP) MINIMUM CONTROL MEASURES FOR SMALL CONSTRUCTION PROJECTS AS
   OUTLINED IN THE MCSTOPPP CONSTRUCTION EROSION AND SEDIMENT CONTROL PLAN
   APPLICANT PACKAGE.
- ANY AREAS IN WHICH GROUND SURFACE AND VEGETATIVE COVER HAS BEEN DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH A PRE-APPROVED SEED MIX AND BIODEGRADABLE EROSION CONTROL MATS UPON COMPLETION OF CONSTRUCTION.
- EROSION CONTROL MATS SHALL CONSIST OF BIONET SC150BN BY NORTH AMERICAN GREEN OR APPROVED EQUAL.

- PERIODIC SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATION OF WAI
- 1.1 FOUNDATION & BENCHES: INTERMITTENT OBSERVATION OF EXCAVATED SOILS EXPOSED IN MSE WALL FOUNDATIONS AND BENCHES FOR MSE SLOPES.
- 1.3 SUBDRAINS AND WALL DRAINAGE, OBSERVATION OF PERMEABLE MATERIAL, DRAIN PIPE FILTER FABRIC (IF USED) AND CLEANOUTS PRIOR TO COVERING WITH FILL.
- 1.4 REINFORCED EARTHEN FILL AND BACKFILL: INTERMITTENT OBSERVATION AND FIELD DENSITY TESTING OF COMPACTED BACKFILL. AS A MINIMUM, FIELD DENSITY SHALL BE PERFORMED FOR EVERY TWO FEET OF ELEVATION GAIN AND AT EVERY 100 FEET ALOF THE WALL OR SLOPE.

	90% DESIGN SUBMITTAL		2/21/22	RCA
1	95% DESIGN SUBMITTAL		6/6/22	RCA
Т	BID SET		7/11/22	RCA
ı				
	Description	Mark	Date	By
ī				

	Suite 220
2	Novato, CA 94947
_	T 415 / 382-3444
RVED	F 415/382-3450



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Date		Date		Date	
Designed	RCA	Drawn	RCA	Checked	2

& NOTES City of Sausalito Bridgeway Slide Repair Below 268 Woodward Sausalito, California SHEET



SHEET

ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES THAT REQUIRE CLARIFICATION OR REVISIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE STARTING WORK.

THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SAFETY, AND SEQUENCE.

4. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO START OF ANY CONSTRUCTION, CONTRACTOR SHALL NOTIFY ALL PUBLIC OR PRIVATE UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO EXISTING UTILITY LINES, CONTRACTOR SHALL BE AWARE OF OVERHEAD LINES AT THE CONSTRUCTION SITE AND SHALL MAKE EVERY EFFORT TO PROTECT UTILITIES DURING CONSTRUCTION.

6. CITY OF SAUSALITO ENCROACHMENT PRIMIT IS REQUIRED FOR ALL WORK, INCLUDING STAGING OF MATERIALS AND EQUIPMENT IN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OSTAINING AN ENCROACHMENT PERMIT IN ACCORDANCE WITH THE PERMIT REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO THE ENGINEER FOR REVIEW PRIOR TO STARTING ANY WORK AT THE SITE.

8. THE CONTRACTOR SHALL HAUL AWAY ALL UNUSED/EXCESS EXCAVATED MATERIAL OFF

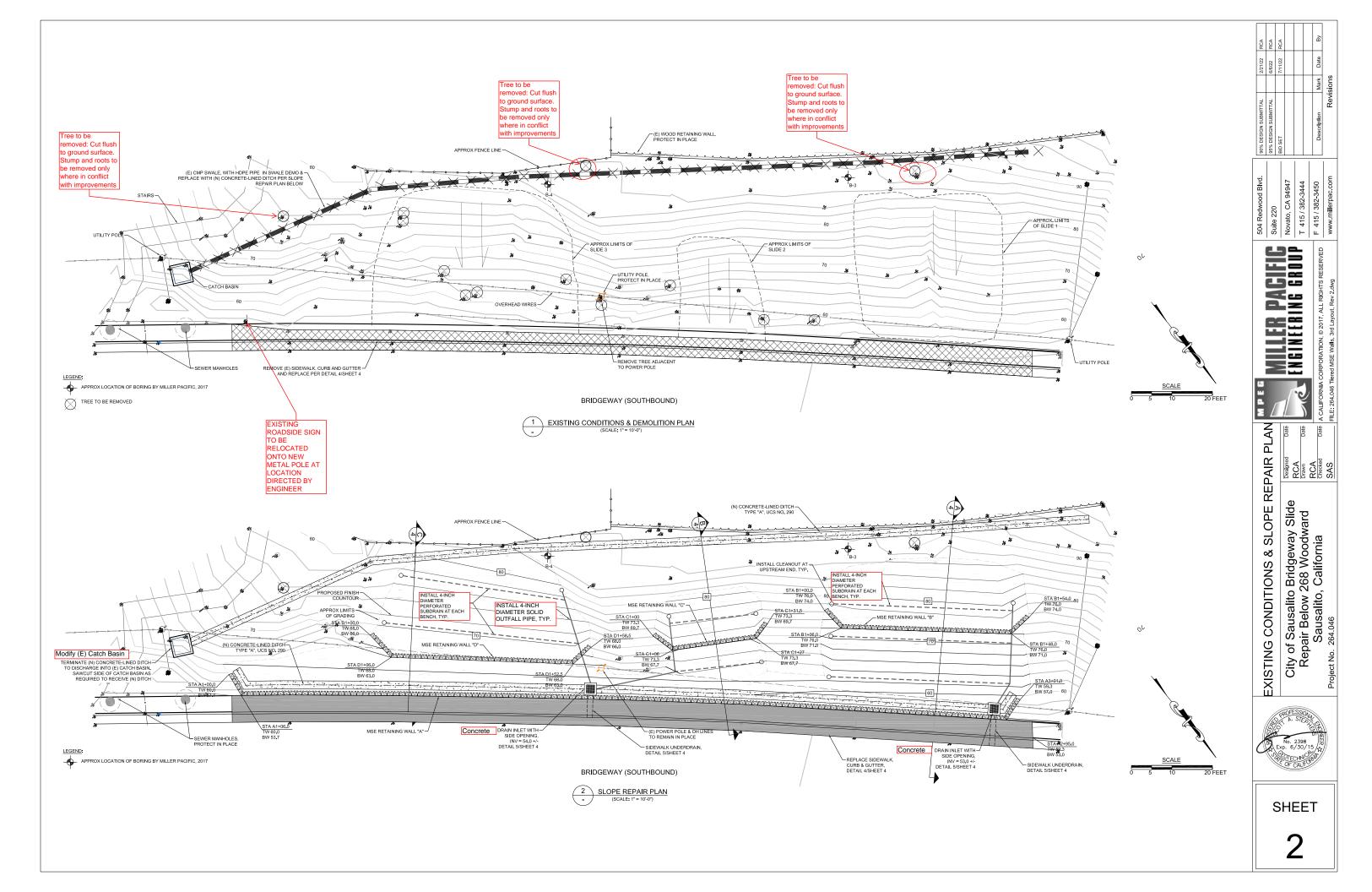
10. WORKMANSHIP TO BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS ALONG WITH 2018 CALITRAINS STANDARD SPECIFICATIONS, MARIN COUNTY AND CITY OF SAUSALITO STANDARDS AND GENERALLY ACCEPTED CONSTRUCTION PRACTICES.

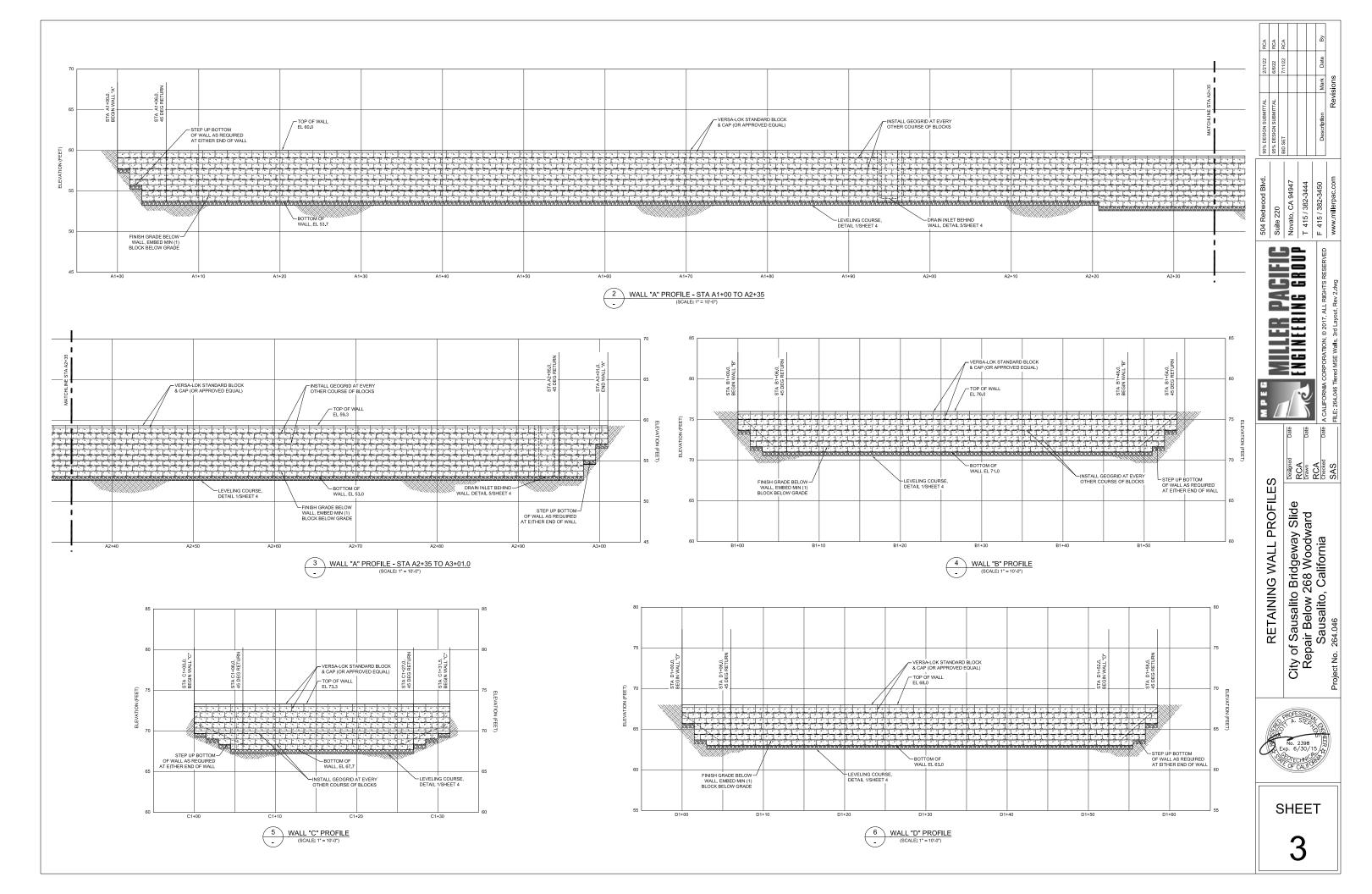
TOPOGRAPHY BASED ON A FIELD SURVEY PERFORMED BY WILLIS SURVEYING IN 2017. CONTOURS ARE SHOWN EVERY TWO VERTICAL FEET.

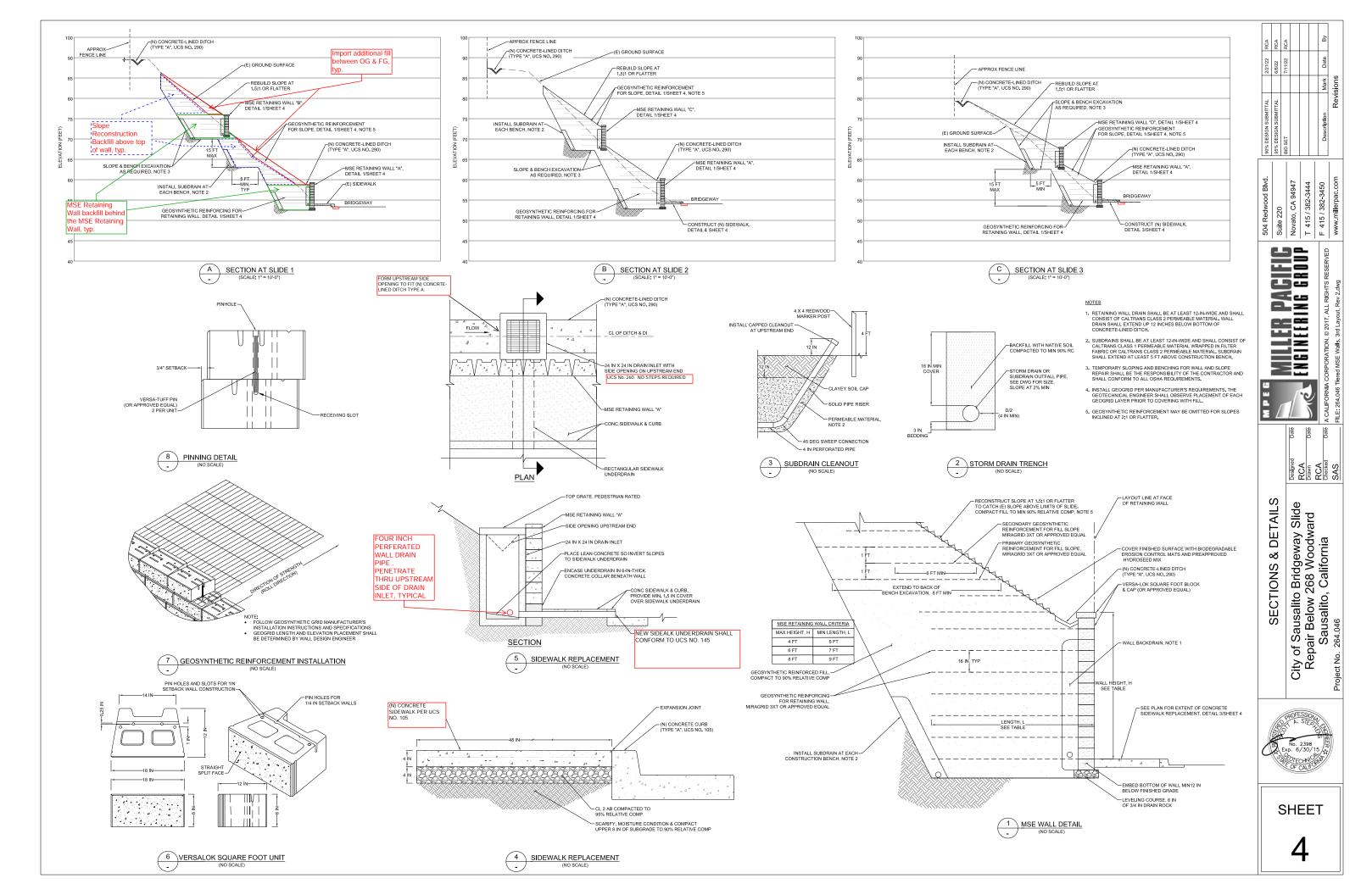
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING UTILITIES IN THE FIELD, ANY UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR THE CONTRACTOR'S EXPENSE.

2. THE CONTRACTOR SHALL POSSES A CLASS "A" LICENSE.

SITE FOR LEGAL DISPOSAL.







MAJ	IOR DIVISIONS	SY	MBOL		DESCRIPTION				
		GW	w	ell-graded grav	vels or gravel-sand mixtures, little or no fines				
SILS ave	CLEAN GRAVEL	GP	Po	orly-graded gr	avels or gravel-sand mixtures, little or no fines				
D SC d gra	GRAVEL	GM		ty gravels, gra	vel-sand-silt mixtures				
A NE	with fines	GC	<b>22</b>	ayey gravels, g	gravel-sand-clay mixtures				
COARSE GRAINED SOILS over 50% sand and gravel	CLEAN SAND	SW	w	ell-graded san	ds or gravelly sands, little or no fines				
RSE r 50%	CLEAN SAND	SP	Po	orly-graded sa	ands or gravelly sands, little or no fines				
00 %	SAND	SM	SI	ly sands, sand	I-sllt mixtures				
	with fines	SC	7.4.7.7.2		and-clay mixtures				
LS ay	SILT AND CLAY	ML		h slight plastic	· ·				
OS C	liquid limit <50%	CL		rganlc clays o in clays	f low to medium plasticity, gravely clays, sandy clays, silty clays,				
GRAINED SOILS 50% silt and day		OL	DL Organic silts and organic silt-clays of low plasticity						
GR/ 50%	SILT AND CLAY	МН	Inc	inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts					
PINE	SILT AND CLAY liquid limit <50%  SILT AND CLAY liquid limit <50%  SILT AND CLAY liquid limit >50%  SILT AND CLAY liquid limit >50%		In	Inorganic clays of high plasticity, fat clays					
		ОН	//////// or	Organic clays of medium to high plasticity					
HIGHL	Y ORGANIC SOILS	PT	Pe	at, muck, and	other highly organic solls				
ROCK	as to type or composition								
		KEY	TO BORIN	IG AND 1	TEST PIT SYMBOLS				
CLA	SSIFICATION TESTS				STRENGTH TESTS				
PI	PLASTICITY INDEX				TV FIELD TORVANE (UNDRAINED SHEAR)				
LL	LIQUID LIMIT				UC LABORATORY UNCONFINED COMPRESSION				
SA	SIEVE ANALYSIS				TXCU CONSOLIDATED UNDRAINED TRIAXIAL				
HYD	HYDROMETER ANAL	YSIS			TXUU UNCONSOLIDATED UNDRAINED TRIAXIAL				
P200	P200 PERCENT PASSING NO. 200 SIEVE				UC, CU, UU = 1/2 Deviator Stress				
P4 PERCENT PASSING NO. 200 SIEVE P4 PERCENT PASSING NO. 4 SIEVE									
SAM	IPLER TYPE				SAMPLER DRIVING RESISTANCE  Modified California and Standard Penetration Test samplers are				
- ×				SAMPLER	driven 18 inches with a 140-pound hammer falling 30 inches per blow. Blows for the InItial 6-Inch drive seat the sampler. Blows for the final 12-Inch drive are recorded onto the loos. Sampler				
П	STANDARD PENETRATION	TEST	ROCK	CORE	refusal is defined as 50 blows during a 64nch drive. Examples of blow records are as follows:				
THIN-WALLED / FIXED PISTON X				RBED OR	25 sampler driven 12 Inches with 25 blows after initial 6-inch drive				
			BULK	SAMPLE	85/7" sampler driven 7 inches with 85 blows after InItlal 6-Inch drive				
NOTE:	Test boring and test pit logs ar at the excavation location durin soil or water conditions may va and with the passage of time. descriptions are approximate a	ng the time rry in differ Boundarie	e of exploration. So ent locations withing as between differing	bsurface rock, the project site soll or rock	50/3" sampler driven 3 Inches with 50 blows during initial 6-inch drive or beginning of final 12-inch drive				
MPIG MILED DACISIC 504 Redwood Suite 220				-	SOIL CLASSIFICATION CHART				
	MILLLII FAUII	in -	Novato, CA 94947	Sauce	allto Storm Damage Repair				
uć -	tnbinttkinb 6KU	- אט	T 415 / 382-3444	_   Jausa					
-		-	F 415 / 382-3450	-					
	CORPORATION, © 2020, ALL RIGHTS RES .046 Tiered MSE Walls, 3rd Layout, Rev 2.d		www.millerpec.com	Sausanio, Camornia					
PLUSHARE: 20-040 Hillian Mate Walls, 101 Lighton, rain 2048									

o meters DEPTH	SAMPLE	SYMBOL (4)	BORING 3  EQUIPMENT: Portable Hydraulic Drill Rig with 4.0-Inch Solid Flight Auger  DATE: 9/28/17  ELEVATION: 90 - feet*  "REFERENCE: Topographic Surve			DRY UNIT WEIGHT pcf (2)	MOISTURE CONTENT (%)	SHEAR STRENGTH psf (3)	OTHER TEST DATA	OTHER TEST DATA
- - -1		<b>.</b>	Sandy SILT (ML) IIght brown, dry, medium dense plasticity	, low to medlum	26	109	8.2		56% P200	
5- -			SANDSTONE orange and brown mottled, moved to moderate strength, hig weathered	35	106	17.3	7350 UC			
-2 - -	\		harder dr <b>illi</b> ng at 6.5 feet grades moderate strength			117	14.2			
<sup>3</sup> 10-	[		Bottom of boring at 11.5 feet No groundwater encountered				10.8			
4 - - 15-										
5 – -										
-6 20-			NAT.	D BLOW CO	INTO					
Water level encountered during drilling  Water level measured after drilling  Water level measured after drilling  NOTES: (1) UNCORRECTED FIELD BLOW COUNTS  (3) ERREC EQUIVALENT POR Y UNIT YELDENT NUMBER 1 (1981)  (4) CRAPHIC SYMBOLS ARE ELESTRATING ONLY							HT (pcf)			
A CAUFORNIA CORPORATION, 0 2020, ALL RIGHTS RESERVED  A CAUFORNIA CORPORATION, 0 2020, ALL RIGHTS RESERVED  A CAUFORNIA CORPORATION, 0 2020, ALL RIGHTS RESERVED				Sausallto Storm E Bridgewa Sausallto, ( Project No. 246.064	Damage ay Site Callfornl		Drawn Checked		A-	-3 JRE

### FRACTURING AND BEDDING

Fracture Classification

Crushed Intensely fractured Closely fractured Moderately fractured Widely fractured Very widely fractured

Spacing

less than 3/4 inch 3/4 to 2-1/2 inches 2-1/2 to 8 Inches 8 to 24 inches 2 to 6 feet greater than 6 feet

Bedding Classification Laminated Very thinly bedded Thinly bedded Medium bedded Thickly bedded Very thickly bedded

### **HARDNESS**

Carved or gouged with a knife Easily scratched with a knife, friable Difflcult to scratch, knife scratch leaves dust trace Rock scratches metal Low Moderate Hard Very hard

### STRENGTH

Friable Weak Moderate Strong Very strong Crumbles by rubbing with fingers
Crumbles under light hammer blows
Indentations <1/8 inch with moderate blow with pick end of rock hammer
Withstands few heavy hammer blows, ylelds large fragments
Withstands many heavy hammer blows, yields dust, small fragments

### WEATHERING

Complete
High
Minerals decomposed to soil, but fabric and structure preserved
Rock decomposition, thorough discoloration, all fractures are extensively
coated with clay, oxides or carbonates

Moderate
Slight
A few stajned fractures, slight discoloration, no mineral decomposition,
no affect on cementation

Fresh Rock unaffected by weathering, no change with depth, rings under hammer impact

NOTE: Test boring and test pit logs are an interpretation of conditions encountered at the location and time of exploration Subsurface rock, soil and water conditions may differ in other locations and with the passage of time.

MILLER PACIFIC	504 Redwood Blvd. Suite 220	ROCK CLA	ASSIFICATIO	N CHART	
ENGINEERING GROUP	Novato, CA 94947 T 415 / 382-3444	Sausallto Storm Dam Bridgeway S		Drawn	Δ_2
A CALIFORNIA CORPORATION, © 2020, ALL RIGHTS RESERVED	F 415 / 382-3450	Sausallto, Call	ornla		FIGURE
FILENAME: 264 046 Tiered MSE Walls, 3rd Layout, Rev 2 dwg	www.millerpac.com	Project No. 246,064	Date: 12/29/2020		FIGURE

o meters DEPTH	SAMPLE	SYMBOL (4)	DATE: 9	BORING 4 fortable Hydraulik .0-Inch Solid Filg /28/17 3 - feet* topographic Surv	c Dri <b>ll</b> Rig with ht Auger	BLOWS / FOOT (1)	DRY UNIT WEIGHT pcf (2)	MOISTURE CONTENT (%)	SHEAR STRENGTH psf (3)	OTHER TEST DATA	DRILL RATE (MIN/FT)
-0-0- - - -1			Silty SAND (SM) brown, molst, me grained	edlum dense, flne	∋- to medlum-	12	103	13.2	4050 UC		
5- -2 -			harder driffling at 4 feet  Sandstone yellow-brown to gray, low hardness, weak, highly to completely weathered			31	109	13.6	5500 UC		
- 3 <sub>10</sub> - - -											
-4 - - 15- -5	4		Bottom of boring at 13.5 feet No groundwater encountered			23		12.5			
- - -6 20-											
=			countered during drilling asured after drilling	NOTES	: (1) UNCORRECTED FIELD (2) METRIC EQUIVALENT I (3) METRIC EQUIVALENT I (4) GRAPHIC SYMBOLS AF	BLOW CC DRY UNIT V STRENGTH RE ILLUSTF	VEIGHT kN (kPa) = 0.0 RATIVE ON	l/m <sup>3</sup> = 0.15 3479 x STF LY	71 x DRY U ENGTH (p	NIT WEIGI	HT (pcf)
					Sausallto Storm D Bridgewa Sausallto, C Project No. 246.064	Damage ny Site Dallforni	•	Drawn Checked		A-	- <b>4</b>



	Novato, CA 94947
	T 415 / 382-3444
SERVED	F 415/382-3450
	www.millerpac.com

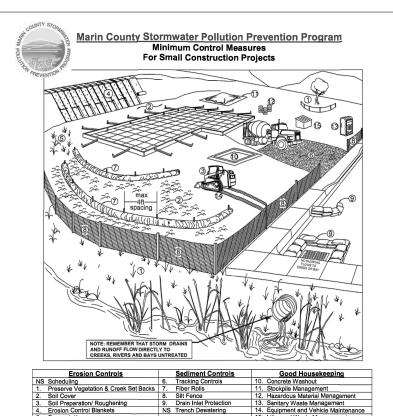




of Sausalito Bridgeway Slide Bridgeway Site Sausalito, California BORING LOGS ð City



SHEET



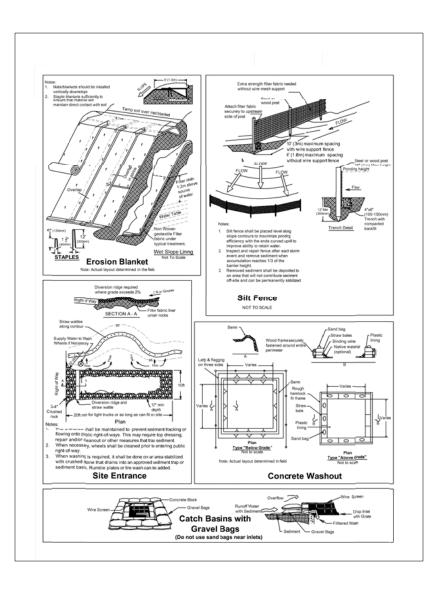
Note: Select an effective combination of control measures from each category, Erosion Control, Sediment Control, and Good Housekeeping. Control measures shall be continually implemented and maintained throughout the project until activities are complete, disturbed areas are stabilized with permanent erosion controls, and the local agency alse alse glend of fon 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 Califfornia Stormwater Quality Association (CASCA) and Califfornia Post manaportation (Calitrans) BMP Factsheets. CASCA factsheets are available by subscription in the Califfornia Bost Management Practices Handbook Portal: Construction at http://www.casga.org. Calitrans factsheets are available in the Construction Site BMP Manual March 2003 at http://www.doc.sa.go.wind.constructstormwater/manuals.htm.

Visit 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@co.marin.ca.us

Cont	rol Measure	General Description				
		anagement Practices				
N/A	Scheduling	Plan the project and develop a schedule showing each phase of construction. Schedule construction activities to reduce ensoin optential, such as scheduling promud idisturbing activities during the summer and phasing projects to minimize the amount of area disturbed. For more info see the following factabeets: CASQA: EC-1, or Caltrans: SS-1.				
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 fending. Check with the local Planning an Public Works Departments for specific creek set back requirements. For more info see the following factsheets: CSAGLE-C2-y or Celtrans: S3-2.				
2	Soil Cover	Cover exposed soil with straw mulch and tackifier (or equivalent). 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.				
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, scartifying, stair stepping, stc). For more info see the following factsheets: CASCA: EC-15.				
4	Erosion Control Blankets	nstall erosion control blankets (or equivalant) on disturbed sites with 3:1 slopes or steeper. Use wildfille- iendly blankets made of biodegrable natural materials. Avoid using blankets made with plastic netting or xed aperture netting. See: <a href="http://www.coastal.ca.cov/nps//vildfile-Friendly_Products.pdf">http://www.coastal.ca.cov/nps//vildfile-Friendly_Products.pdf</a> , For more info see he following legistheets: CASCA: EC-7; or Calirans: SS-7.				
5	Revegetation	Re-vegetate areas of disturbed soil or vegetation as soon as practical. For more info see the following factsheets: CASQA: EC-4; or Caltrans: SS-4.				
Sedi	ment Control Best	Management Fractices				
6	Tracking Controls	Stabilize afte entrance to prevent tracking soil offsite. Inspect streets daily and sweep street as needed. Require whiches and workers to use stabilized entrance. Place cuspied rock 12-inches deep over a gootsetile, using angular rock between 4 and 6-in. Make the entrance as long as can be accommodated on the site, idealy 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 racing in and out of the site. Rumble pads or numble racks can be used in let of or in conjunction with rock entrances. Whele weeks may be needed where space is limited or where the site entrance and sweeping is not effective. Far more into see the following factsheets: CASQA: TC-1; TC-3; or Caltrans: TC-1; TC-3.				
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 leaf apert (using closer spacing) on sleeper slopes), install parallel to contour. If more than one roll is used in a row overlay roll do not abut. J-book end of roll upslope, install rolls per either Type 1 (stake rolls into shallow trenches) of Type 2 (stake in front and behind roll and least 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/inps/Wildlife-Friendly_Products.pdf">http://www.coastal.ca.gov/inps/Wildlife-Friendly_Products.pdf</a> . Manufactured interer sediment control or compost soots can be used in line of fiber rolls. Sc. 5 (Type 1 ard Type 2).				
8	Silt Fence	Use sit fence as a perimeter control measure, and around soil stockpiles. Install sit fence along contours, key sill fince him to be soil and stake. Do not use ill fince for concentrated weet frows. Install fines at sets feet back fron the slope to allow for sediment storage. Wire backed fence can be used for extra strength. Avoid Installing sit fence on slopes because they are hard to maintain. Manufactured linear sediment control can be used in lieu of sill fences. For more info see the following factsheets: CASQA: SE-1; SE-12; or Caltrans: SC-1.				
9	Drain Inlet Protection	Use grave bigs, (or similar product) around drait inlets located both onsite and in gutter as a last line of defense. Bags should be made of a wover faith resistant to photo-degradation filled with 0.5-1-in washed crushed rock. Do not use sand bags or sill fence fabric for drain inlet protection. For more info see the following facthersets: CASCAS. ESF-10: or Cattrass: SCS-10.				
N/A	Trench Dewatering	Follow MCSTOPPP BMPs for trench dewitering. <a href="http://www.marincounty.org/depts/pw/divisions/mcstoppp/">http://www.marincounty.org/depts/pw/divisions/mcstoppp/</a> development/-imedia-lies/Departments/Pw/imcstoppp/development/TenchingsWRegMCSTOPPPFinal6.0 p.pdf. For mer info see the following fecthrests: CASQA: NS-2; or Cattrass: NS-2.				
Good	d Housekeeping Be	st Management Practices				
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. For more info see the following factheests: CASQA: WM-8; or. Califrans: WM-8.				
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. For more into see the following factsheets: CASQA: Who or Caltrans: WM-3.				
12	Hazardous Material Management	or Cattrests: win-3.  Hazardous meterials must be kept in closed containers that are covered and within secondary containment; do not place containers directly on soil. For more info see the following factsheets: CASQA: WM-6; or Cattrests: WM-6.				
13	Sanitary Waste Management	Place portable tollets near stabilized site entrance, behind the curb and away from gutters, storm drain inlets, and waterbodes. The or stake portable tollets to prevent tipping and equip units with overflow partitray (most vendors provide these). For more info see the following factsheets: CASCAI: WM-9; or Caltrans: WM-9				
14	Equipment and Vehicle Maintenance	Prevent equipment fluid leaks onto ground by placing drip pans or plastic tarps under equipment. Immediatel clean up any spills or drips. For more into see the following factsheets: CASQA: NS-8, NS-9, and NS-10. Caltrans: NS-8, NS-9, and NS-10.				
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 leach work day and when it is raining or windy. Arrange for regular waste collection. Pick up site litter daily. For more into see the following facisheets: CASQA: WM-6; or Caltrans: WM-5.				





MILLER PACIFIC ENGINEERING GROUP

ROL	Pesigne RCA Drawn RCA Checker SAS
EROSION & SEDIMENT CONTROL	City of Sausalito Bridgeway Slide Repair Below 268 Woodward Sausalito, California



**SHEET** 

6