

## **ADDENDUM NO. 2**

March 12, 2018

### **GLEN CANYON AND GREEN HILLS ROAD BIKE LANE PROJECT**

Scotts Valley, Santa Cruz County, California

#### QUESTIONS AND ANSWERS:

**Question #1:**

There are notes on the plans that state "Construct with Silt Fence with Straw Wattle". Are these notes referencing/pointing to the "Construction Fencing" legend? Or is it referencing the "Coir Roll Barrier" legend? If it's referencing the coir roll legend, then I'm not able to determine the difference between areas to receive only Coir Rolls, and areas that receive silt fence with wattles.

**Answer #1:**

See revised sheet C3.0. Construction fencing detail has been replaced with silt fencing detail. Legend has been revised to reflect silt fencing.

**Question #2:**

Could you confirm that "Coir Rolls" & "Straw Wattles" can be identified as the same product for this project? Typically, Wattles are straw rolls encapsulated in biodegradable burlap netting. Where as Coir Rolls can mean said Straw Wattles, or it could mean coconut fiber encapsulated in open weave coir netting, which is much more costly. I want to clarify that the Biodegradable Straw Wattles will be acceptable for both items.

**Answer #2:**

Biodegradable straw wattles are acceptable for both items.

**Question #3:**

The legend showing locations of "Coir Roll Sediment Barrier" seems to indicate install of these materials perpendicular to the slope grade, not parallel. I believe this is a design flaw, as these items should be installed parallel on slopes.

**Answer #3:**

The installation of coir rolls is shown for small segments of below grade disturbed area adjacent to the property line and coir rolls are just used as a means of perimeter control. Installation of the rolls parallel to the slope although more effective is not necessary.

**Question #4:**

The cold central plant recycled (CCPR) requires a 2 acre site for processing, does the City have any space or know of any space to rent space for construction duration?

**Answer #4:**

The City will allow the partial use of parcel 023-241-21 (400 Glenwood Drive) for this purpose. Area will be limited to the gravel lot adjacent to Glenwood Drive. Appropriate

BMPs must be installed to protect the adjacent creek per 1.2(C) of the Technical Specifications. Contractor shall notify all residents, businesses, and schools adjacent to the processing area per 4-1.01 of the Special Provisions. At completion of construction the Contractor shall restore the site to its original condition Use and restoration of this shall be included in the amount bid for the various bid items and no additional compensation will be allowed.

Bidders shall acknowledge the receipt of this Addendum No. 2 on the Bid Summary page of their proposal. Failure to acknowledge the receipt of this Addendum No. 2 may be cause for rejection of the bid.

# TEMPORARY EROSION CONTROL MEASURES

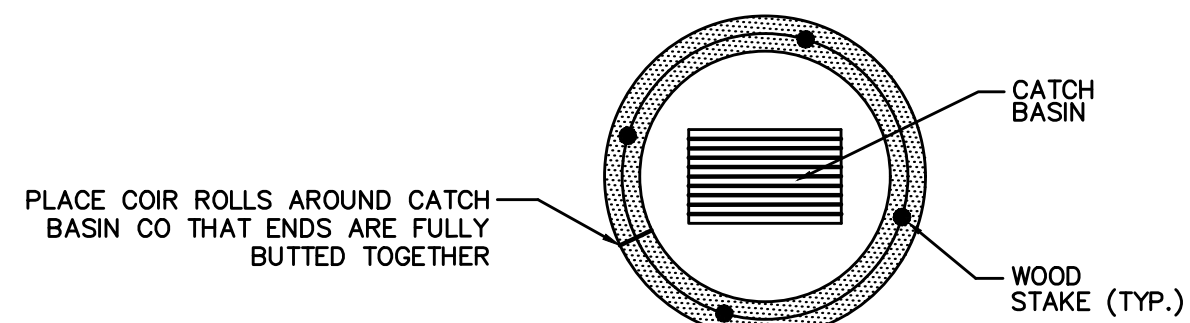
- NO LAND CLEARING, GRADING, OR EXCAVATION SHALL BE DONE BETWEEN OCTOBER 15TH AND APRIL 15TH UNLESS ALLOWED BY THE CHIEF BUILDING OFFICIAL. THE DEVELOPER SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING SITE EROSION CONTROL AT ALL TIMES.
- EROSION IS TO BE CONTROLLED AT ALL TIMES ALTHOUGH SPECIFIC MEASURES SHOWN ARE TO BE IMPLEMENTED AT A MINIMUM BETWEEN OCTOBER 15TH AND APRIL 15TH. BETWEEN OCTOBER 15TH AND APRIL 15TH HAY BALES, FILTER BERMS, SILT FENCES OR OTHER MEANS SHALL BE EMPLOYED TO PREVENT SEDIMENT FROM LEAVING THE SITE OR ENTERING ANY WATERCOURSE.
- RUNOFF FROM THE CONSTRUCTION SITE MUST NOT BE ALLOWED TO FLOW OVER ANY FILL SLOPES.
- RUNOFF SHALL BE DIRECTED TOWARDS THE NEAREST CATCH BASIN OR SWALE WITH TEMPORARY EARTHEN BERMS.
- SILT BARRIERS SHALL BE CONSTRUCTED ALONG THE BOTTOM OF ALL GRADED SLOPES.
- CATCH BASINS SHALL BE ENCLOSED BY A SILT BARRIER ON ALL FOUR SIDES. USE GRAVEL FILLED SANDBAGS OR STRAW BALE INLET BARRIER, PROVIDE FILTER FABRIC UNDER INLET GRATE.
- ON ALL FINISH GRADED AREAS, ON- AND OFF-SITE, EXPOSED DURING CONSTRUCTION ACTIVITIES, IF NOT PERMANENTLY LANDSCAPED PER PLAN, SHALL BE PROTECTED BY MULCHING AND/OR PLANTING OF THE SCS APPROVED EROSION CONTROL MIX AT A RATE OF 35 LBS PER ACRE.

ONCE SLOPES ARE SEEDED AND RAKED, COVER THEM WITH TWO INCHES (2") OF STRAW. IF AVAILABLE, USE NATIVE BUNCH GRASS STRAW (PREFERABLY BROMUS CARINATUS); IF NOT AVAILABLE, USE COMMERCIALY AVAILABLE TYPES (E.G. WHEAT, OAT, BARLEY, ETC.) EXPOSED SOIL ON SLOPES GREATER THAN 20% SHALL BE SEEDED, COVERED WITH 2 INCHES OF STRAW, AND A NORTH AMERICAN GREEN SC150 EROSION CONTROL BLANKET, OR APPROVED EQUAL. THE EROSION CONTROL BLANKET SHALL BE STAKED IN PLACE.

FERTILIZER REQUIRED FOR THIS SEED MIX IS AMMONIUM PHOSPHATE AT AN APPLICATION RATE OF 250 LB PER ACRE.

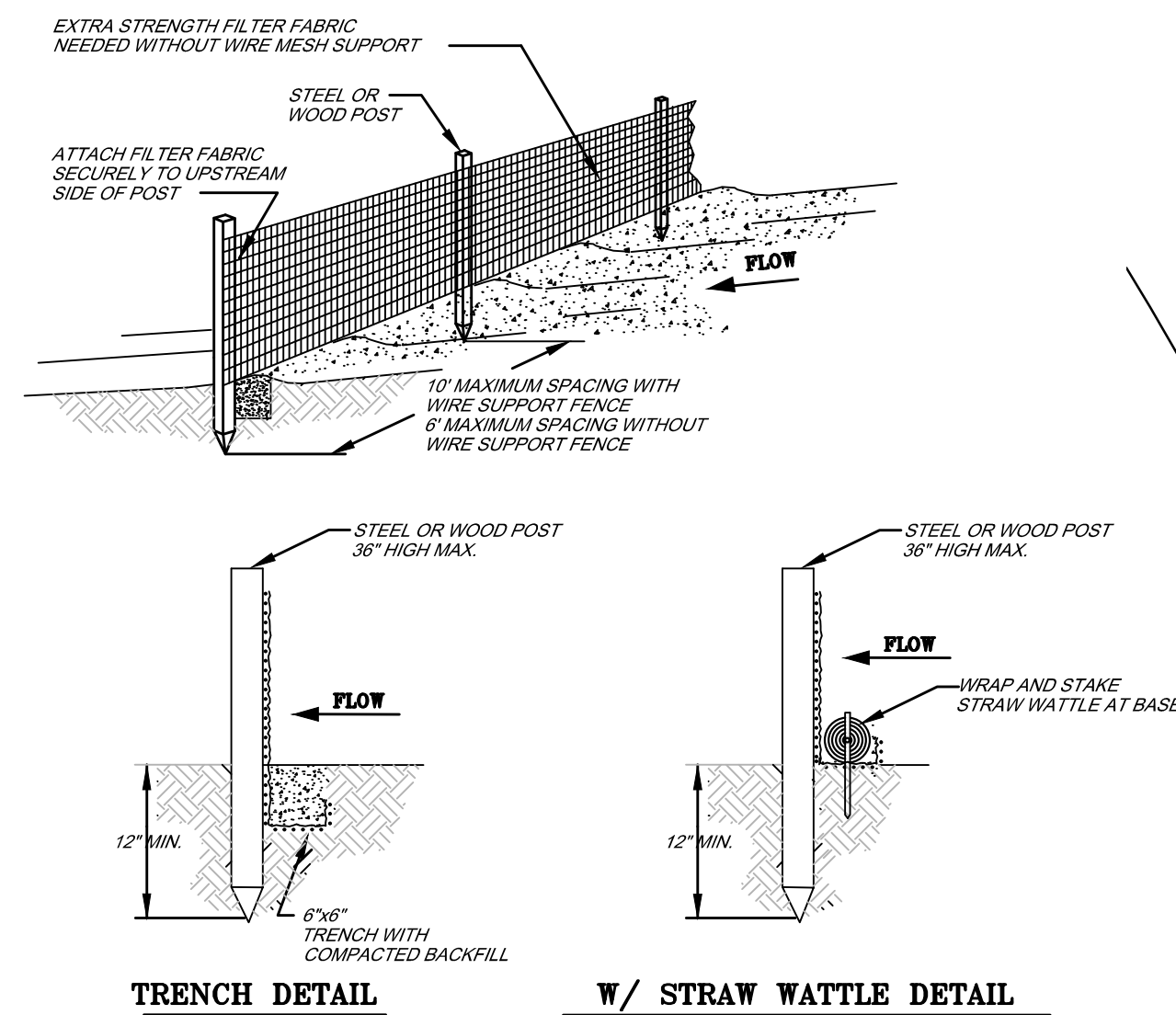
SEEDING MAY BE OMITTED FOR AREAS THAT ARE TO RECEIVE PERMANENT LANDSCAPING PROVIDED SAID LANDSCAPING IS IN PLACE PRIOR TO OCTOBER 15TH.

- UNNECESSARY GRADING AND DISTURBING OF SOIL SHALL BE AVOIDED.
- DURING CONSTRUCTION, NO TURBID WATER SHALL BE PERMITTED TO ENTER THE CHANNEL OR STORM DRAIN SYSTEM. USE OF SILT AND GREASE TRAPS, FILTER BERMS, HAY BALES OR SILT FENCES SHALL BE USED TO PREVENT SUCH DISCHARGE.
- ALL EXCAVATED MATERIAL NOT SUITABLE FOR FILL OR REUSE SHALL BE REMOVED TO AN APPROVED DISPOSAL SITE OR DISPOSED OF ON-SITE IN A MANNER THAT WILL NOT CAUSE EROSION.
- ANY MATERIAL STOCKPILED ON-SITE SHALL BE COVERED WITH PLASTIC, ESPECIALLY DURING THE WINTER MONTHS OR DURING PERIODS OF RAIN.
- IT IS THE DEVELOPER'S RESPONSIBILITY TO SEE THAT ADDITIONAL MEASURES, NECESSARY TO CONTROL SITE EROSION AND PREVENT SEDIMENT TRANSPORT OFF-SITE ARE IMPLEMENTED.
- DUST CONTROL MEASURES CONSISTENT WITH MBUAPCD SHALL BE IMPLEMENTED PER PROJECT CONDITIONS OF APPROVAL ITEM NO. 20.
- LIMIT GROUND DISTURBANCE AND VEGETATION REMOVAL AT ANY ONE TIME DURING CONSTRUCTION AND INSTALLATION OF DRAINAGE IMPROVEMENTS.
- CONDUCT GRADING WORK PRIOR TO THE RAINY SEASON UNLESS OTHERWISE PERMITTED BY AND IN ACCORDANCE WITH THE CITY'S GRADING ORDINANCE, EXCEPT FOR INSTALLATION OF THE STORM DRAIN OUTLETS AS ADDRESSED BELOW; PROTECT DISTURBED AREAS DURING THE RAINY SEASON; AND CONTAIN AND/OR PROPERLY DE-WATER ACCUMULATED CONSTRUCTION-RELATED RUNOFF FROM DISTURBED AREAS OR EXCAVATED AREAS.
- IMMEDIATELY REVEGETATE DISTURBED AREAS, APPLY WEED-FREE MULCH OR REVEGETATE ALL SOIL EXPOSED AS A RESULT OF THE PROPOSED GRADING BEFORE OCTOBER 15TH OF EACH YEAR.
- INSPECT AND REPAIR/MAINTAIN ALL EROSION CONTROL MEASURES PRIOR TO AND AFTER ANY RAINFALL EVENT EXCEEDING 0.5 INCH, AT 24-HOUR INTERVALS DURING EXTENDED STORM EVENTS, AND A MINIMUM OF EVERY TWO WEEKS AFTER THE WINTER STORM SEASON.



## 2 COIR ROLL INLET PROTECTION

SCALE: NTS

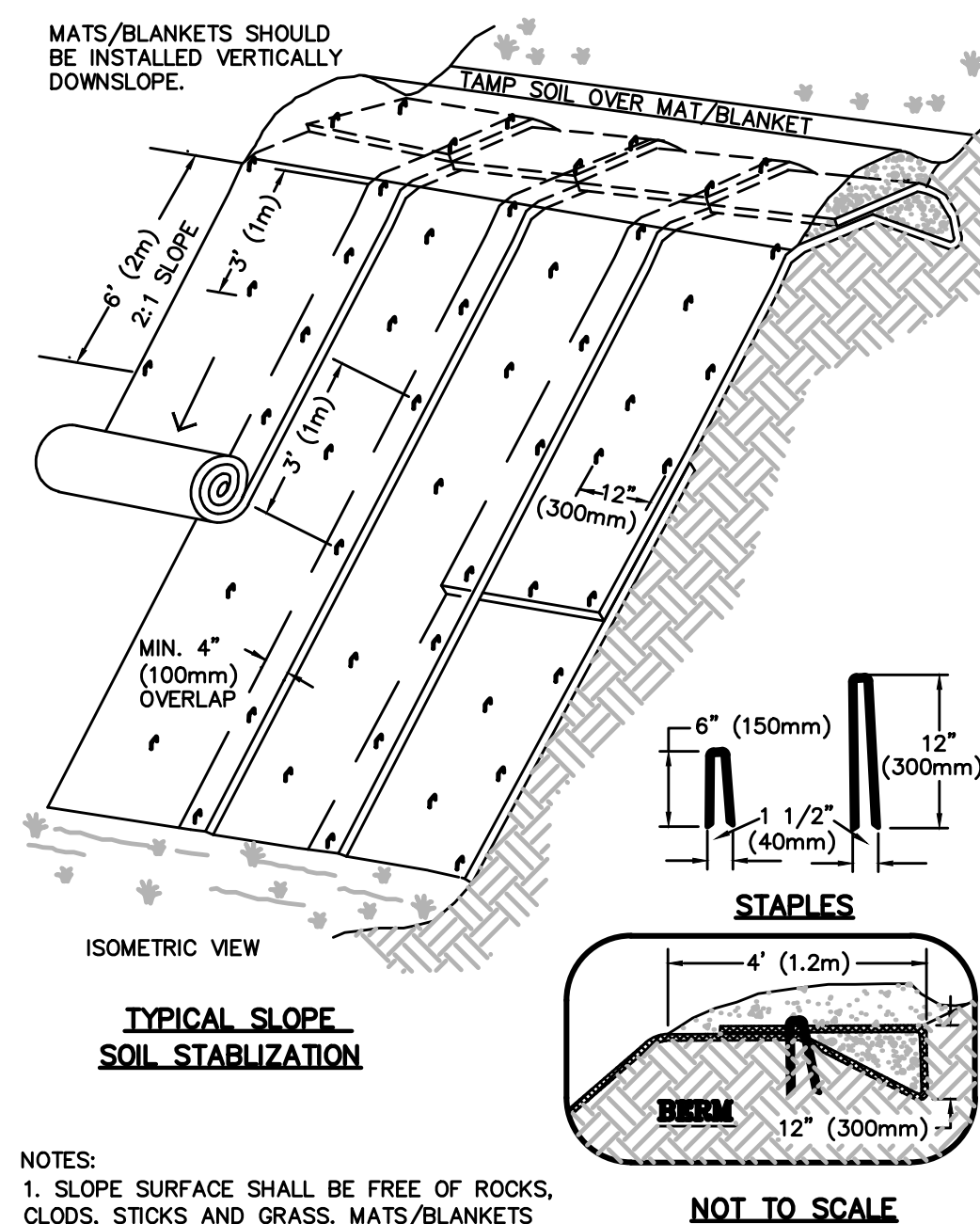


### NOTES:

- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
- REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

## 3 SILT FENCE

SCALE: NTS

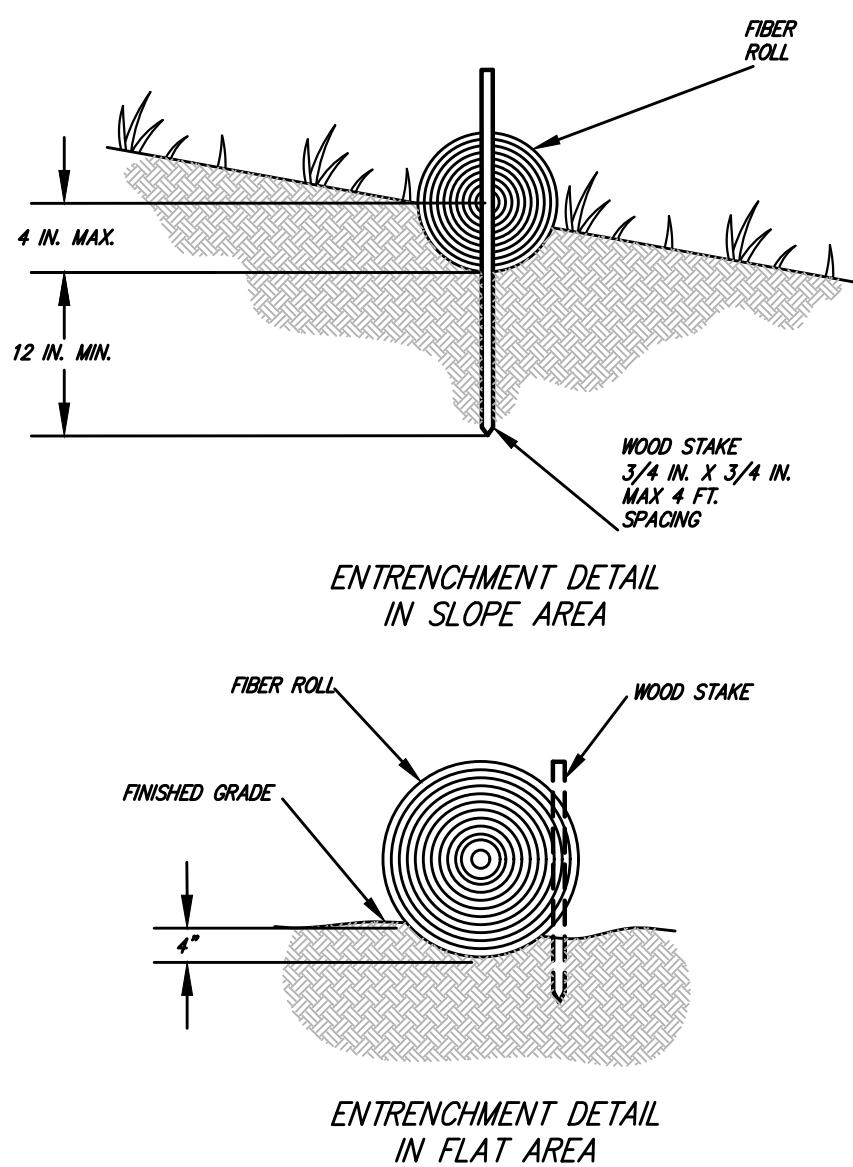


### NOTES:

- SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BANKETS SHALL HAVE GOOD SOIL CONTACT.
- APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
- LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

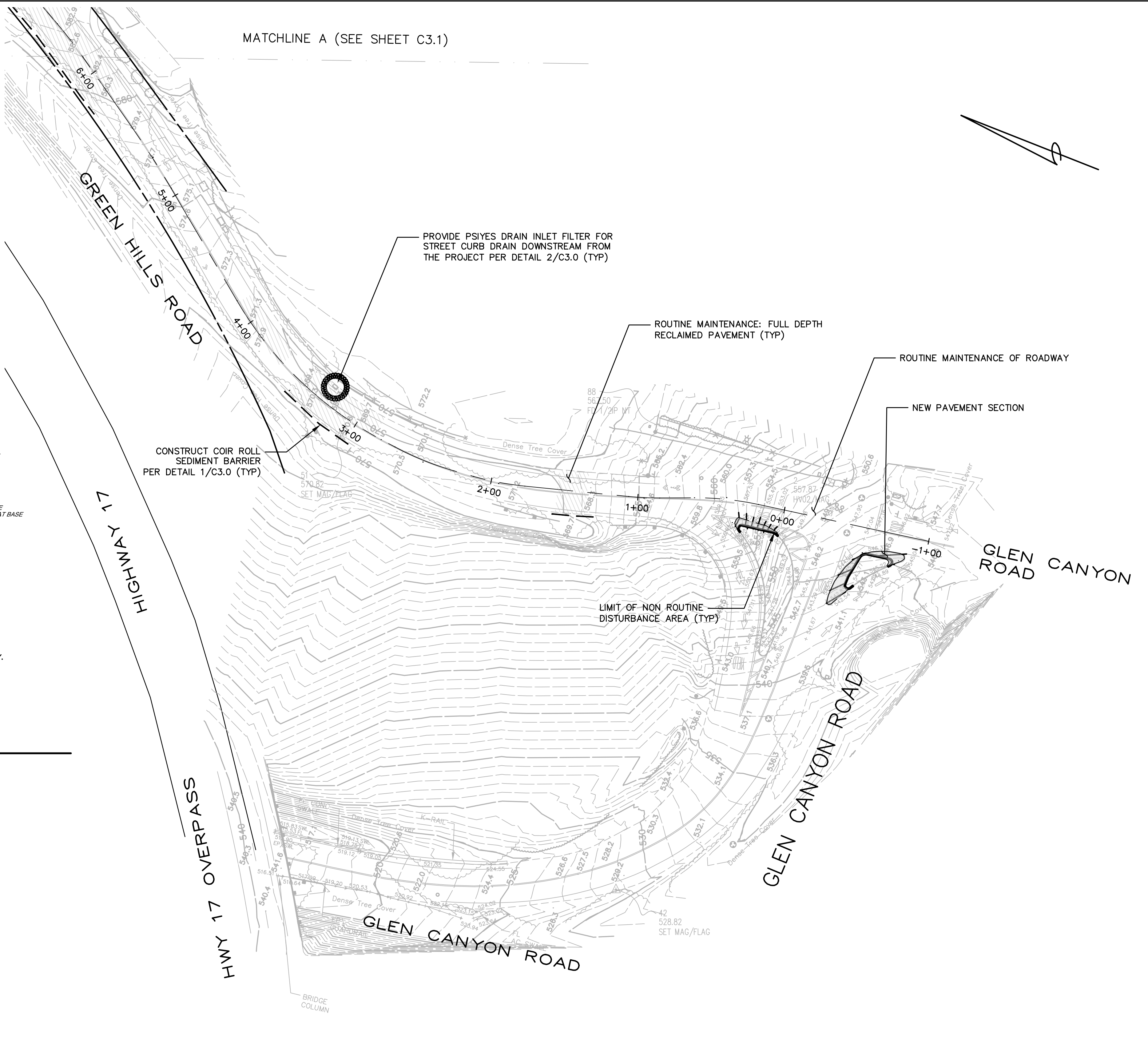
## 1 COIR ROLL SEDIMENT BARRIER

SCALE: NTS



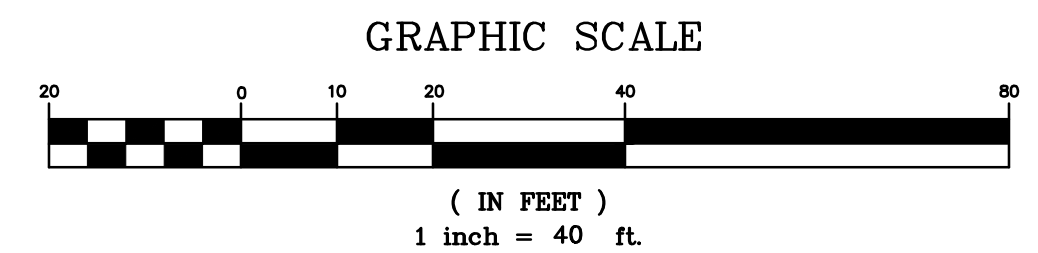
## 4 EROSION CONTROL BLANKETS

SCALE: NTS



LEGEND	
SILT FENCING	— X — X — X —
COIR ROLL SEDIMENT BARRIER	— — — — —
INLET PROTECTION	
EROSION CONTROL MIX AREA	
EROSION CONTROL BLANKET AREA	

TOTAL AREA OF NON-ROUTINE DISTURBANCE = 20,659 SF (0.47 AC)



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REVISION	12/8/17 GEOTECHNICAL INVESTIGATION ADDENDUM
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<b>BOWMAN &amp; WILLIAMS</b> CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS 1011 CEDAR STREET SANTA CRUZ, CA 95060 (831) 426-3560 www.bowmanandwilliams.com	<b>GLEN CANYON AND GREEN HILLS</b> EROSION CONTROL PLAN STA 0+00 TO STA 6+40.65 GLEN CANYON ROAD AND GREEN HILLS ROAD BIKE LANES PROJECT CITY OF SCOTT'S VALLEY, DPW 701 LUNDY LANE, SCOTT'S VALLEY, CA 95066
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SCALE 1" = 40'	DRAWN KAB	JOB NO. 25471.63	SHEET
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