

**Project Name:** UNIVERSITY OF CALIFORNIA, MERCED  
LAZY K RESTORATION

**Project No.:** 660175 1B 19900

**ADDENDUM NO. 3**  
to the  
**CONTRACT DOCUMENTS**  
**April 8, 2016**

- I. Bidder acknowledges that it is the Bidder's responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda. Bidder therefore agrees to be bound by all Addenda that have been issued for this bid.

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents. The following changes, additions, or deletions shall be made to the following documents as indicated and all other Contract Documents shall remain the same.

**II. CLARIFICATIONS**

- A. PRE-BID QUESTIONS – Questions received from bidders and responses are as follows:
1. Q. Will CAD files for the new and existing elevations be provided for this project?  
A. Files are attached to this Addendum
  2. Q. Can a copy of the sign-in list from the mandatory project site visit on March 17<sup>th</sup> be issued?  
A. Sign-in sheet is attached to this Addendum
  3. Q. Will you be providing a completed Digital Terrain Model (DTM) to the Contractor?  
A. Completed DTM to the contractor post bid.
  4. Q. What is the anticipated start date for the Project?  
A. Anticipated project start in Mid-May 2016.
  5. Q. Is the contractor responsible for providing a SWPPP plan or SWPPP update plans for this project?  
A. Yes in accordance with BMP's and Section 01 57 23.
  6. Q. There is a plan named "Potential Sediment Control Requirement map-SWPPP Erosion Control Plan". Is this the document we are to estimate our costs off?  
A. Yes
  7. Q. It appears Lazy K Ranch I is 65.5 acres based on the report. If you strip the topsoil on the entire site 3-4", the volume is roughly equal to the cut/fill volume of 30,500 CY including or excluding the stripped topsoil?  
A. Does not include 3" of topsoil to be removed and replaced across the site.
  8. Q. The same question applies to the Lazy K Ranch II. The site is 55.8 acres per the report. Does the 19,200 CY include or exclude the stripped topsoil?

- A. Does not include 3” of topsoil to be removed and replaced across the site.
9. Q. The contract duration is 118 calendar days for the total project. If the Lazy K Ranch II deductive alternate is chosen, will the contract duration remain the same?
- A. Yes.
10. Q. There are discrepancies in the quantities of fence to be removed as shown in the Demolition plan for Lazy K I. Please clarify this and provide the quantity we will be bidding.
- A. The amount of fencing to be removed from the two project sites is as follows: Lazy K I: 3,390 linear feet; Lazy K II: 11,234 linear feet.
11. Q. In the field we discussed the landowner’s desire for some fence removal on Lazy K II, but it is not shown on any plan that we found. Please clarify this and provide the quantity the Owner would like to be salvaged including methods, timing, staging and coordination.
- A. A total of 11,234 linear feet of fencing will be removed from Lazy K II. Contractor will remove it at the start of the construction work. Owner will work with Contractor on salvaged fence.
12. Q. In the field the landowner on Lazy K II showed us the boundaries for the parcel; however, this description differs from what is shown on the plans and in the bid documents provided. Please clarify this and provide the correct parcel map and boundary for Lazy K II.
- A. The attached map (Attachment 6) shows the small wire lots immediately to the east of the Homestead Site within the project boundary.
13. Q. Please provide all pertinent bidding information regarding the 830 feet of trough supply piping on the easterly portion of Lazy K I that is to be removed (e.g., material, depth below surface and height above surface if exposed, etc.) as this information is not included in the bid documents provided.
- A. The 840 foot supply lines to the water troughs are 1 inch sch 40 PVC buried 12 inches to 16 inches below the surface.
14. Q. The Demolition plan legend states that 1,240 feet of trough supply piping are to be included. Please explain in detail this item of work as we have found no other reference to it in the bid documents.
- A. Contractor to remove trough supply piping as indicated, 840 linear feet for Lazy K I and 1650 linear feet for Lazy K II. Installation of trough supply piping 1240 linear feet by others.
15. Q. Vollmar’s Figure 4 in the Lazy K I technical write up states that the irrigation headwater and tailwater piping is to be avoided. However, the grading of the drainage from the easterly parcel into the westerly parcel extends over this pipeline. Therefore, how do we handle this work as this pipeline may well be transite pipe which contains asbestos?
- A. Investigate and notify University of any presence.
16. Q. Vollmar’s “Potential Sediment Control Requirements Map – Addendum 2 SWPPP Plan, 6/15/2015” shows the sites for “required” sediment control locations, but we were not able to find the SWPPP or any specific information on the BMPs required for these sites. Please provide the information on the materials necessary to complete this task.
- A. Specification Section 01 57 23 for BMP and SWPPP requirements.
17. Q. Please provide the approved permit conditions as executed in the state and federal permits and the biological opinions applicable to this project.

- A. Attached Table 9 (Attachment 7) from the PRMP lists federal and state permit conditions from the BO and ITP and amendments.
18. Q. Please provide the well performance data and pump specifications for the proposed construction water supply well located north of the creek within the proposed conservation parcel in Merced County.
- A. 160L25 Submersible Pump; 25HP Submersible Motor 480 Volt 3 Phase; 4 inch Column Galvanized, 25HP Panel 480 Volt.
19. Q. Please provide assurance that installation of the construction water storage tanks, generator installation, and supply line will not run counter to habitat and T&E species protection on this property. It will also be necessary to drive into this well site each day that earthwork is being performed and we must receive authorization to do so from UCM.
- A. There are 2 potential well sites. There are no issues with re habitat and T&E species for Well Site 1. Storage tanks for Well Site 2 shall be placed along Marguerite Road rather than inside the pasture with habitat.
20. Q. Please provide a recap of the landowners' grazing plans for this spring for Lazy K I and Lazy K II.
- A. Land Owner will remove livestock before construction begins.
21. Q. Can the contractor bury the mainline pipe from the well site to Marguerite Road?
- A. No, above ground pipe only.
22. Q. Could you provide the generator size required to run the well pump/equipment?
- A. 125 kva
23. Q. Will the contractor be required to provide a temp. power pole and utility box in order to accommodate power to the pump?
- A. No.
24. Q. Will the contractor be required to provide a 2000 gallon pressure tank at the well site?
- A. Yes and include all necessary material and equipment for functionality.
25. Q. The first two permits will be acquired by UCM prior to start of construction. The remaining three permits will be acquired by the construction contractor?
- A. Yes, the contractor will be responsible for the remaining three permits.
26. Q. Is there requirement for construction entrances into the 4 sites (Lazy K I, Lazy K II, and the two inoculum sites)?
- A. No. Existing gates at inoculum sites to be used.
27. Q. If question 26 response is yes, we would assume these would be CA DOT state standard specifications. Could you comment on the design specs for entrances?
- A. There will be no gates for wildlife (CTS) exclusion purposes.
28. Q. What is the "potential erosion control material" as listed on the SWPPP Plan?
- A. Contractor to implement BMPs in accordance with 01 57 23.
29. Q. Is the contractor to provide QSP for this project?
- A. No. University to provide QSP for inspection only.

30. Q. Does the 19,200 CY cut (Lazy K II) or the 35,000 CY cut (Lazy K I) include the 0.25' overex as described in step #2 in the construction process section?
- A. No
31. Q. Could you provide a quantity of concrete cleanup/off-haul for the purpose of bidding?
- A. For bidding, assume 2' dia. Pipe at the LF shown.
32. Q. Will horizontal and vertical control be provided by the owner?
- A. University will provide and coordinate with successful bidder.
33. Q. Is the 0.25' of removed topsoil to be replaced over the entire site or just the upland fill areas?
- A. Not included returned over the entire area not just the upland area.
34. Q. Why is the distribution of inoculum not included in the Construction process?
- A. Not included in this scope.
35. Q. If inoculum collection is part of the scope; could you provide a maximum percentage of surface area that is able to be collected within each vernal pool within the designated parcel?
- A. Not included in this scope.
36. Q. If inoculum collection is part of the scope; could you provide a quantity (CY) of proposed inoculum collection?
- A. Not included in this scope.
37. Q. What work does the statement "Trough supply piping to be included (1,240') refer to? What is the total amount of trough supply piping to be removed for the project?
- A. Contractor to remove trough supply piping as indicated, installation of trough supply piping 1240' by others.
38. Q. What is the total lineal footage of fencing to be removed from the site?
- A. Lazy K I: 3,390 linear feet; Lazy K II: 11,234 linear feet.
39. Q. Clarify the application method for the seeding. The Restoration and Revegetation Plan only included the seed mix, but didn't mention how it was to be applied. Is it just broadcast dry or is it to be installed wet with binding agents (typical hydroseed)?
- A. Broadcast dry.

III. **BIDDING/CONTRACT DOCUMENTS AND DIVISION 1 SPECIFICATIONS – VOLUME 0**

1. Add: CTS Exclusion Silt Fence Installation Specifications for UCM Lazy K I and Lazy K II Preserves, dated March 2016.

V. **DRAWINGS**

ADDENDUM NO. 3

|   |  |               |
|---|--|---------------|
| 1 | Silt Fence Installation Area           | April 8, 2016 |
| 2 | SWPPP Detail                           | April 8, 2016 |
| 3 | Potential Sediment Control Requirement | April 8, 2016 |

VI. **ATTACHMENTS**

|   |   |                |
|---|---|----------------|
| 1 | Mandatory Job Walk Sign-In Sheet  | March 17, 2016 |
| 2 | CAD_UCM1_Area_Proposed_Export_2015_v2.zip   | April 8, 2016  |
|   | - CAD drawing of the UCM1 Preserve area including layers for Pools boundaries, pool bottom points, pool spillway points, design contours, grading limits, and study area. |                |
| 3 | CAD_UCM2_Proposed_Export_2016_0323.zip  | April 8, 2016  |
|   | - CAD drawing of the UCM2 Preserve area including layers for Pools boundaries, pool bottom points, pool spillway points, design contours, grading limits, and study area. |                |
| 4 | LiDAR_TIFF_UCM1.zip   | April 8, 2016  |
|   | -LiDAR elevation data for the UCM1 Preserve study area, TIFF format   |                |
| 5 | LiDAR_TIFF_UCM2_SP3.zip   | April 8, 2016  |
|   | - LiDAR elevation data for the UCM2 Preserve study area, TIFF format  |                |
| 6 | Wire Boundary Map   | April 8, 2016  |
| 7 | Table 9 from PRMP   | April 8, 2016  |

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MERCED, CALIFORNIA

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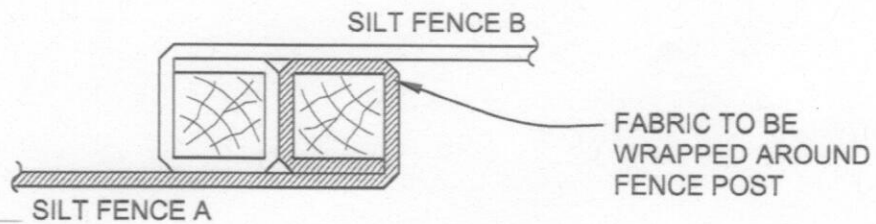
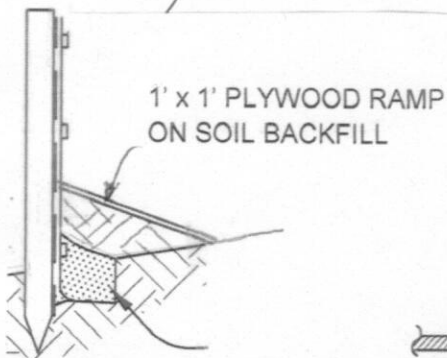
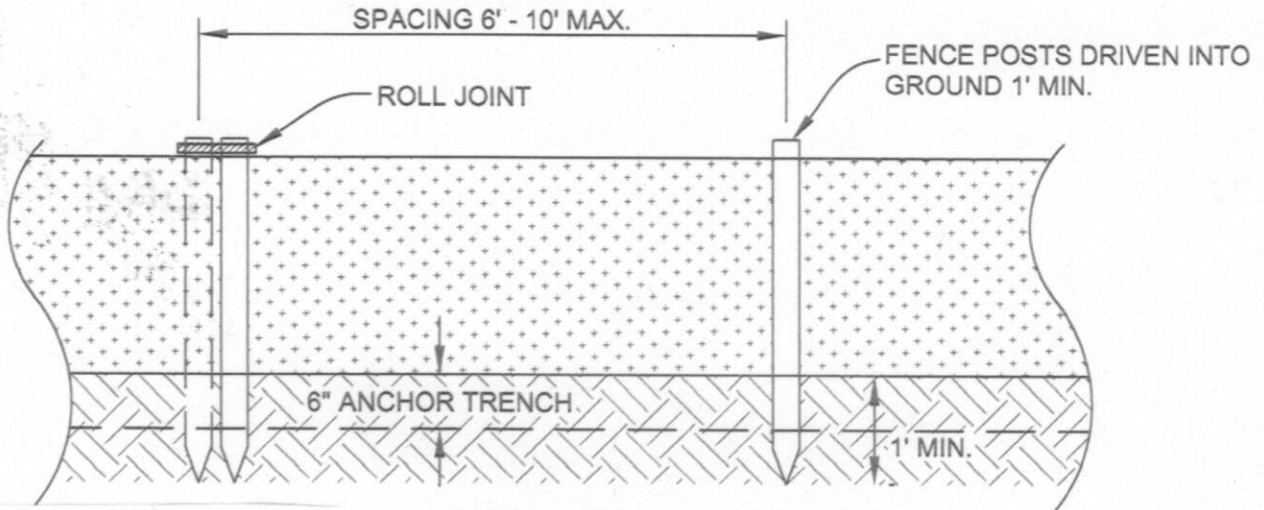
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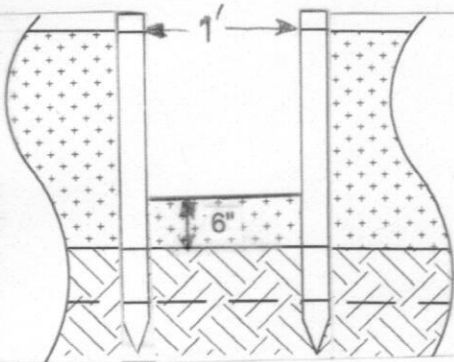
**Fran Telechea**  
*Interim Director of Construction and Inspection Services*

**End of Addendum No. 3**

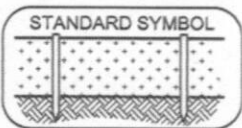
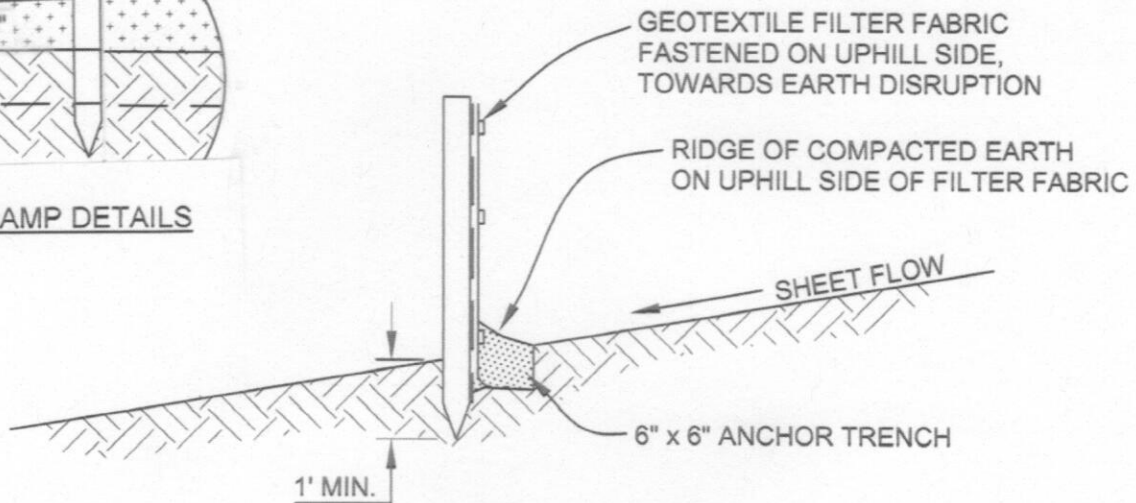
# SILT FENCE



## ROLL JOINTS



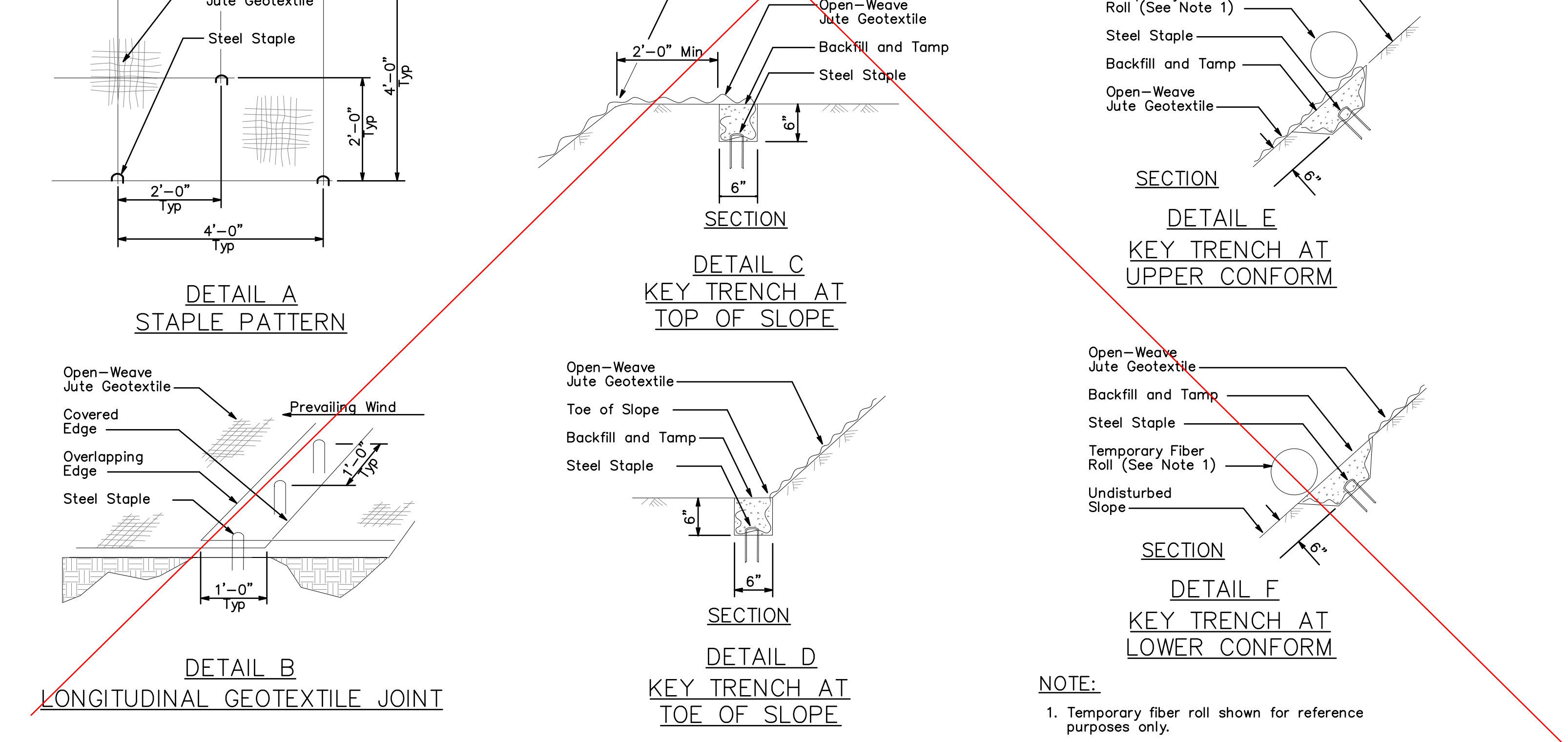
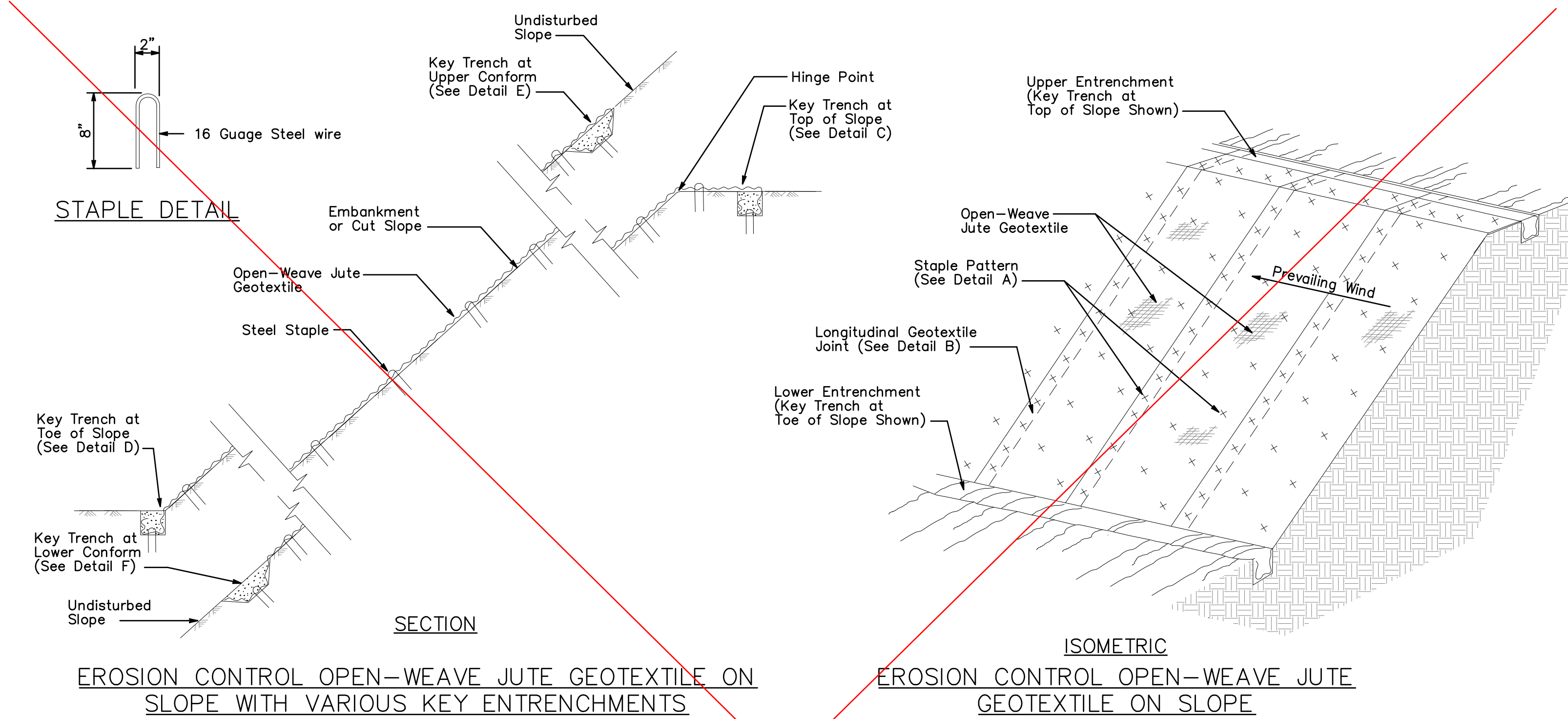
## WILDLIFE RAMP DETAILS



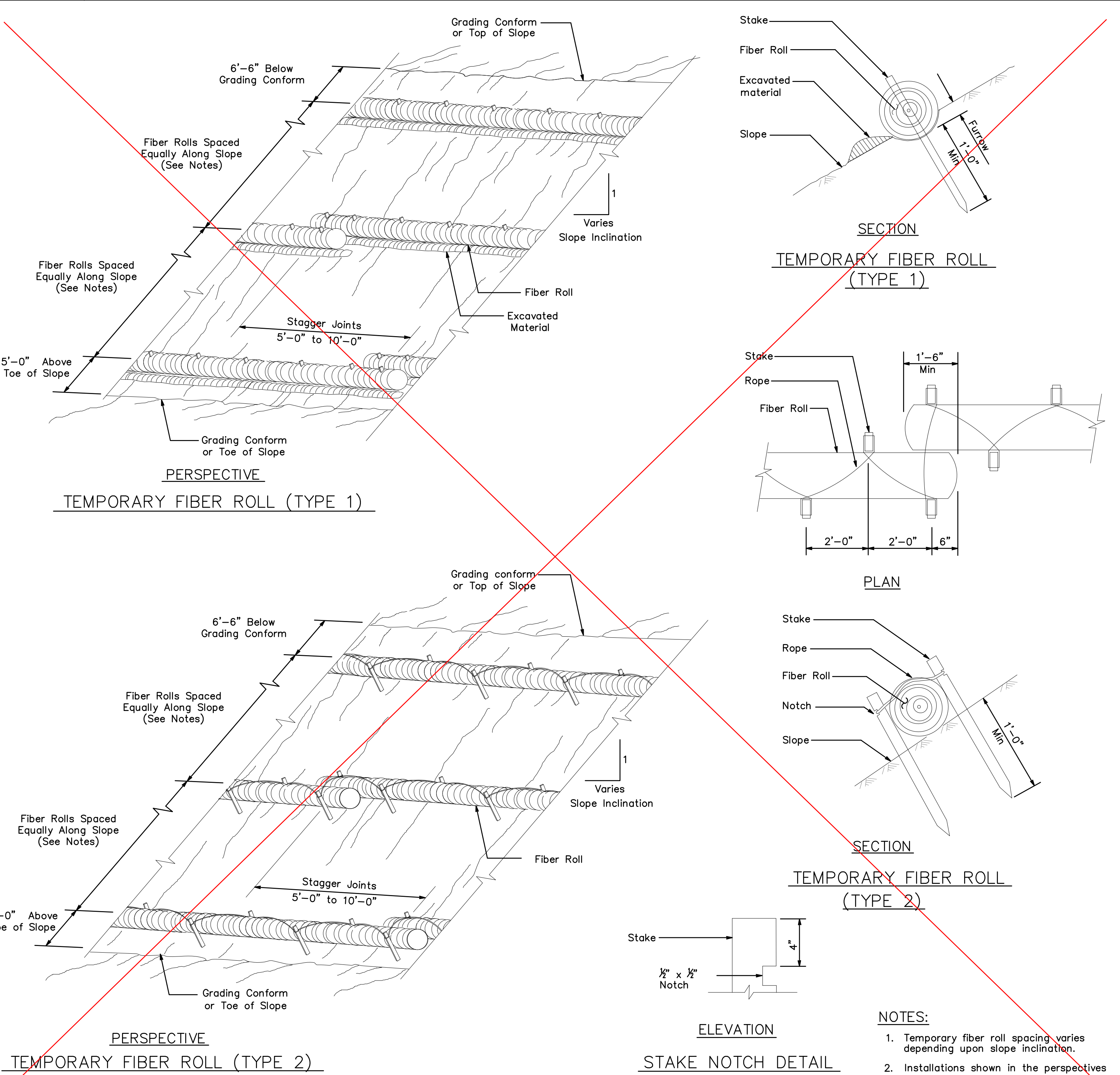
#### **SILT FENCE AND WILDLIFE RAMP SPECIFICATIONS:**

- 1) Silt fence material will be standard black silt fencing, 3' width x 100'+ rolls**
- 2) Silt fence to be stapled to 2"x 2" wooden stakes spaced a maximum of 10' along silt fence with specifications shown on design sheet.**
- 3) Base of silt fence to be buried 6 inches below soil surface in an excavated and backfilled trench as shown on design sheet.**
- 4) Roll junctions to be constructed as shown on design sheet.**
- 5) Wildlife ramps to be constructed every 100' along silt fence.**
- 6) Wildlife ramps to be installed on the 'inside' of the silt fence such that they provide escape ramps for wildlife exiting the project construction area.**
- 7) Each wildlife ramp shall be constructed by first constructing a 1' wide opening in the silt fence, bordered on both sides by wooden stakes, and with the silt fencing cut out in the opening to leave 6" of silt fence material extending up from the soil surface, as shown in the bottom drawing of 'Wildlife Ramp Details' on design sheet; and second installing a 1' x 1' square piece of 3/4" plywood in the silt fence opening with the area under the plywood backfilled with compacted soil, as shown in the top drawing of 'Wildlife Ramp Details' on the design sheet.**





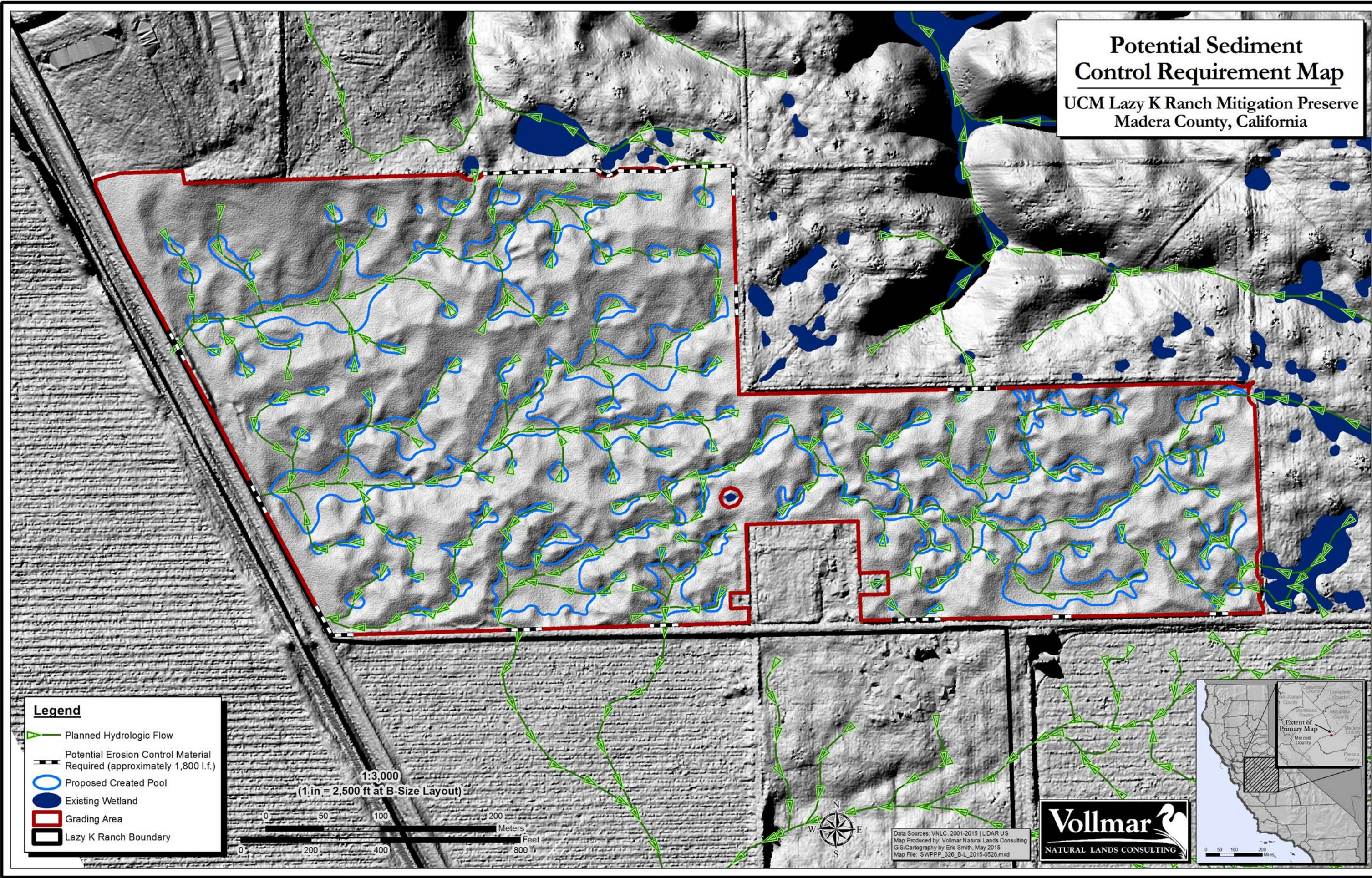
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|--------|----------------------------|
| 4      | OPEN WEAVE JUTE GEOTEXTILE |
| N.T.S. | REF:                       |



|   |                      |  |
|---|----------------------|--|
| 5 | TEMPORARY FIBER BOLL | are for slope inclination of 10:1 and steeper. |
|---|----------------------|--|



Potential Sediment  
Control Requirement Map  
UCM Lazy K Ranch Mitigation Preserve  
Madera County, California





Lazy K Job Walk March 17, 2016 10:00 AM

| Name        | Company        | Phone        | Email                       |
|-------------|----------------|--------------|-----------------------------|
| JESSE RAY   | HAUFORD ARC    | 707-318-9195 | Jesse.allen.ray@gmail.com   |
| Davidson X  | ICCS           | 714-457-2837 | DavidsonICSINC-TV           |
| LENT AMBERG | CLARK BROS INC | 209 392 6144 | LENTAMBERG@CLARKBROSINC.COM |
| Riley Swift | HDS            | 916-408-2990 | rsuift@hds.duckd.com        |
| Loren Lopez | HDS            | 916-296-6206 | LELOPCH@HDS.QUEK.COM        |
| Mark Girard | DUDEK          | 760 519-7230 | M.GIRARD@HDS.DUDEK.COM      |
|             |                |              |                             |
|             |                |              |                             |
|             |                |              |                             |
|             |                |              |                             |







**Table 9****Preserve Avoidance and Minimization Measures**

| <b>General Measures</b>   |
|---|
| One or more qualified biologists (construction monitors), approved by USFWS and CDFW, will be designated to supervise the vernal pool restoration components of this PRMP. The biologist will be onsite during inoculum collection or other ground-disturbing activities. The qualifications of the biologist(s) will be presented to USFWS and CDFW for review and written approval before the start of inoculum collection or other ground-disturbing activities.   |
| Erosion will be controlled during construction activities by limiting grading to the dry season and by planting, seeding and mulching areas of exposed soil, as needed, before the onset of the next rainy season. Additionally, erosion control measures will be implemented, if necessary, to prevent soil or dust-control water runoff from entering existing waters of the U.S./state. When applicable, pursuant to the <i>National Pollutant Discharge Elimination System (NPDES) General Permit For Storm Water Discharges Associated With Construction and Land Disturbance Activities (State Water Resources Control Board Order No. 2009-0009-DWQ as amended by 2010-0014-DWQ (CGP) on or after September 2, 2012)</i> , all appropriate erosion control measures will be incorporated into a stormwater pollution prevention plan prepared by a Qualified Stormwater Professional (QSP) or Qualified Stormwater Developer (QSD). Erosion control material (such as certified weed-free fiber rolls or silt fencing) will be installed around all existing wetlands that are downslope and within 50 feet of the Preserve. A QSP or QSD will monitor the Preserve for compliance with the General Construction NPDES Permit. |
| Construction equipment will arrive to the preserve clean and free of soil, seed, and plant parts to reduce the likelihood of introducing weed species.  |
| All food-related trash items, such as wrappers, cans, bottles, and food scraps, will be disposed of in closed containers and removed at least once a day from the Preserve during restoration activities.   |
| No firearms or pets will be allowed onsite.   |
| The Design Reference Site will remain fenced with gates latched until all ground-disturbing and restoration activities are completed. No machinery or workers will enter the Design Reference Site.   |
| Dust control measures will be implemented in a manner that minimizes water use, and will avoid the formation of puddles.  |
| Work will only occur during daylight hours.   |
| <b>California Tiger Salamander and Western Spadefoot</b>  |
| All small mammal burrows or burrow complexes incidentally dug up or otherwise disturbed during grading or excavation activities will be visually inspected for CTS by the project biologist. The inspection methods and handling of any CTS encountered during the inspections will follow those described in the CTS Salvage and Relocation Plan approved by USFWS and CDFW.   |
| The contractor will avoid, to the maximum extent feasible, ground-disturbing activities within 50 feet of aquatic habitats (i.e., vernal pools and seasonal wetlands) from November 1 to April 1 (corresponding to the rainy season) or as otherwise approved by USFWS and CDFW.  |
| The project biologist shall monitor the National Weather Service 72-hour forecast for the preserve. If a 70 percent or greater chance of rainfall is predicted within 72 hours, the project biologist shall cease all activities in areas within 1.3 miles of potential or known California tiger salamander until no further rain is forecast. If work must continue when rain is forecast, the project biologist shall survey the preserve construction footprint before construction begins each day that rain is forecast.  |
| If a significant rain event occurs during ground disturbance or construction activities (0.25 inch or greater), a survey of the Preserve will be conducted by the project biologist to determine if California tiger salamander or western spadefoot toad are moving through the work area. If California tiger salamander or western spadefoot toad are found, they will be relocated using methods described in the CTS Salvage and Relocation Plan approved by USFWS and CDFW. The contractor will submit a memorandum to UCM and permitting agencies documenting completion of the survey.  |

### General Measures

For construction activities within 1.3 miles of potential breeding ponds, silt fencing (or another effective salamander barrier) will be erected around the construction site prior to the start of construction and maintained throughout the construction period to exclude salamanders from the construction site. Such fencing shall meet the specifications described in the Project Biological Opinion and Incidental Take Permit and all amendments.

#### **San Joaquin Kit Fox**

The project biologist will complete pre-construction surveys as outlined in the *Standard Measures for Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbance* (USFWS 2011) to avoid and minimize ground disturbance-related impacts on San Joaquin kit fox.

#### **Succulent Owl's Clover**

Inoculum collection within the Inoculum Collection Area will be limited to wetlands with no known occurrences of federal- or state-listed plants. A survey for these species will be conducted in spring 2015 to update existing data on the extent of occupied vernal pool habitat.

#### **Vernal Pool Fairy Shrimp and Vernal Pool Tadpole Shrimp**

Ground-disturbing work related to the Preserve will occur during the dry season (April 15 to October 15) and inoculum collection within the Inoculum Collection Area will occur after the vernal pools have completely dried for the season (approximately June 15 to October 15).

Any inoculum collection from the Inoculum Collection Area will occur by hand, vacuum, or small rubber-tired equipment to reduce effects on existing vernal pools. Inoculum collection involving scraping and soil collection will be limited to 10% of the surface area of existing vernal pools and to a maximum depth of 1.0 inch to minimize impacts on the cyst and seed banks. Inoculum collected from vernal pools known to contain vernal pool fairy shrimp and vernal pool tadpole shrimp will be stockpiled separately so that it can be deposited into restored vernal pools with characteristics most likely to support these species.