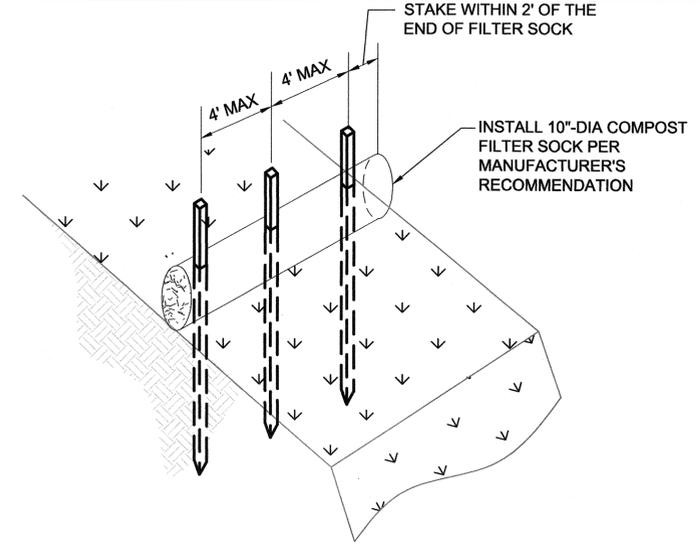
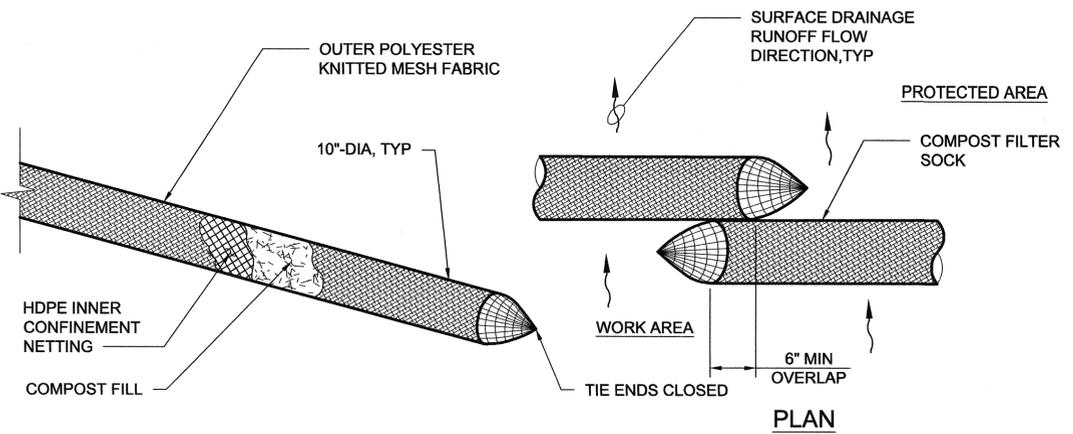


P:\PROJECTS\HAWAII STATE OF (H)\146834 ADA_KAHAKAPOA RECREATIONAL AREA MAUI_CADD\2-SHEETS\CIVIL\146834-SF-C-011-EROSION_DTL.S.DWG 5/15/2016 RSELLONA



STAKE REQUIRED	
SOCK LENGTH (FT)	STAKES REQUIRED FOR EACH SOCK
25	8
20	6
12	4

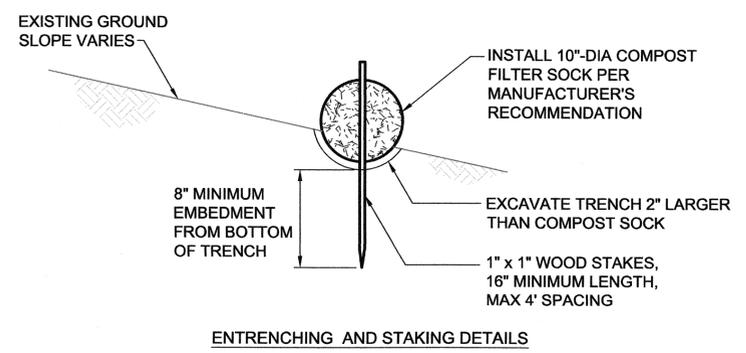
NOTES:

- 10"-DIA COMPOST FILTER SOCKS SHALL BE SILTSOXX BY FILTERXX, BIOSOCK BY ENVIROTECH BIOSOLUTIONS, OR APPROVED EQUAL.
- THE COMPOST FILTER SOCK SHALL BE INSPECTED AT LEAST ONCE PER WEEK AND AFTER EACH RAINFALL EVENT. MAKE REPAIRS AS NEEDED, OR AS DIRECTED BY THE ENGINEER.
- IF THE COMPOST FILTER SOCK BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE COMPOST FILTER SOCK SHALL BE REMOVED, CLEANED AND REPLACED.
- DISPOSE OF SILT, SEDIMENT AND DEBRIS AFTER EACH EVENT, WHEN SEDIMENT ACCUMULATION REACHES THREE-QUARTERS OF THE BARRIER HEIGHT, OR AS DIRECTED BY THE ENGINEER.

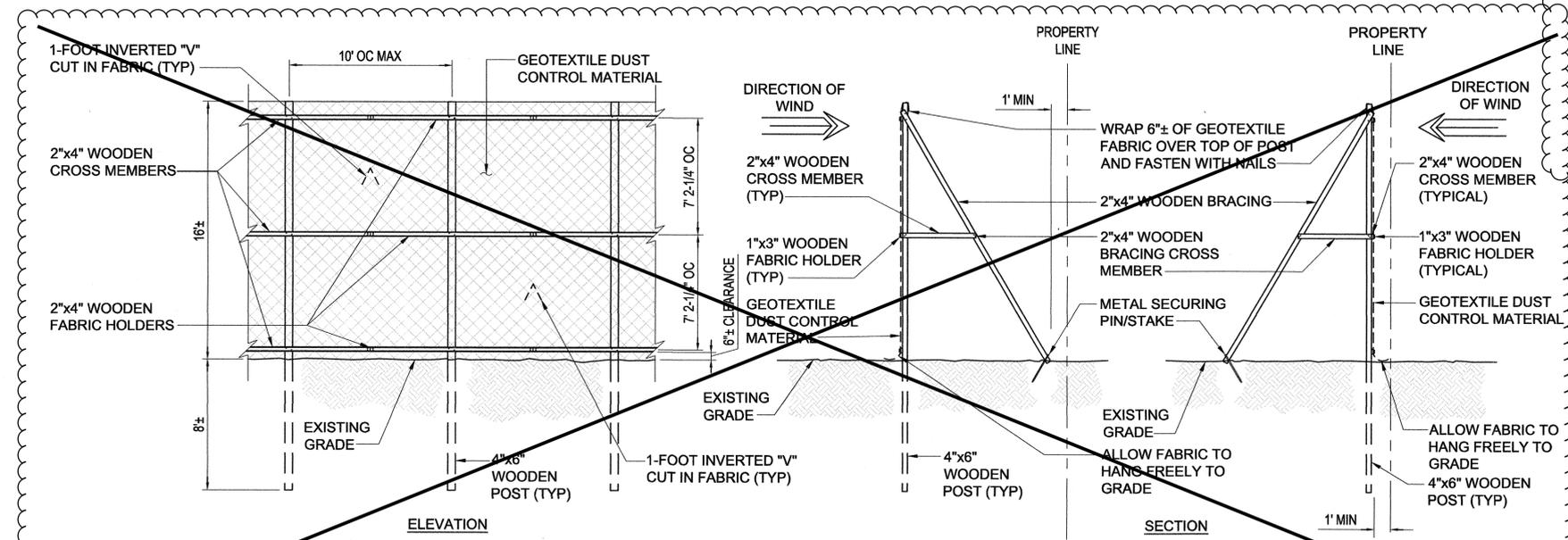
EROSION CONTROL NOTES AND BMP REQUIREMENTS

- THE CONTRACTOR SHALL TRAIN HIS/HER EMPLOYEES AND SUBCONTRACTORS ON THE SOIL EROSION AND SEDIMENT CONTROL BMPs.
- A SPECIFIC INDIVIDUAL APPOINTED BY THE CONTRACTOR SHALL BE DESIGNATED TO BE RESPONSIBLE FOR SOIL EROSION AND SEDIMENT CONTROL BMPs ON THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE PERSONS RESPONSIBLE FOR THE INSPECTION, MAINTENANCE AND REPAIR OF THE SOIL EROSION AND SEDIMENT CONTROL BMPs.
- AN INSPECTION AND MAINTENANCE REPORT SHALL BE GENERATED FOR EACH INVESTIGATION, AND THE REPORTS KEPT ON FILE.
- WHERE APPLICABLE AND FEASIBLE, THE BMPs TO CONTROL SOIL EROSION AND SEDIMENT AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY CONSTRUCTION ACTIVITIES ARE INITIATED AND SHALL BE PROPERLY CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- BMPs SHALL BE EMPLOYED AT ALL TIMES TO THE MAXIMUM EXTENT PRACTICABLE TO PREVENT DAMAGE BY SEDIMENTATION TO STREAMS, WATERCOURSES, NATURAL AREAS AND THE PROPERTY OF OTHERS.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL BMPs AS NEEDED WHERE CONTRACTOR TRAVELS OR WORKS BEYOND THE CONSTRUCTION LIMITS.
- IF HEAVY RAINS ARE PROJECTED DURING A WORKDAY, ALL SOIL EROSION AND SEDIMENT CONTROL BMPs THAT ARE A PART OF THIS PROJECT SHALL BE INSPECTED IMMEDIATELY AND REINFORCED AS NECESSARY.
- ALL SOIL EROSION AND SEDIMENT CONTROL BMPs SHALL BE CHECKED AND REPAIRED AS NECESSARY; FOR EXAMPLE, WEEKLY IN DRY PERIODS AND WITHIN TWENTY-FOUR HOURS AFTER ALL RAINFALL OF 0.5 INCHES OR GREATER WITHIN A 24-HOUR PERIOD. DURING PROLONGED RAINFALL, DAILY CHECKING IS NECESSARY. THE CONTRACTOR SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
- AS NEEDED, USE ROLL-OFF DUMPSTERS AS A TEMPORARY CONTAINER FOR DISPOSAL OF CONSTRUCTION WASTES AND DEMOLITION WASTES. DUMPSTERS SHALL BE LEAK-PROOF AND SHALL NOT BE OVERFILLED TO THE LEVEL WHERE THEIR COVERS CANNOT BE FULLY SHUT.
- DISPOSAL AREAS SHALL NOT BE CLOSE TO THE DIRECTION OF STORM WATER RUNOFF INTO ANY RECEIVING STATE WATER.
- GOOD HOUSEKEEPING SHALL BE UTILIZED TO ENSURE PROTECTION OF PEDESTRIAN AND VEHICULAR ACCESSWAYS FROM MUD, DIRT AND DEBRIS.
- THE CONTRACTOR SHALL ENSURE THAT ALL TIRES OF CONSTRUCTION VEHICLES ARE SUFFICIENTLY CLEANED SO THAT DIRT OR DEBRIS IS NOT TRACKED OFF THE CONSTRUCTION SITE. WASHING OFF TIRES WITH WATER WILL NOT BE ACCEPTABLE UNLESS THE RUNOFF IS CONTAINED.
- THE CONTRACTOR SHALL INSTALL DUST SCREEN AS PER DET B ON THIS SHEET AROUND THE PERIMETER OF PROJECT WORK AND ADJUST ITS HEIGHT ACCORDINGLY AS NEEDED TO AVOID DUST NUISANCE TO ADJACENT AND NEARBY PROPERTIES. THE CONTRACTOR SHALL CHECK AND MAINTAIN THE SCREEN REGULARLY THROUGHOUT PROJECT CONSTRUCTION AND REPAIR/REPLACE ANY DAMAGED SECTIONS AS NEEDED. AT THE END OF THE PROJECT, THE CONTRACTOR SHALL REMOVE THE SCREEN IN ITS ENTIRETY AND RETURN THE AFFECTED AREA TO ITS ORIGINAL CONDITION, OR BETTER.
- THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO IMPLEMENT AND MAINTAIN APPROPRIATE DUST CONTROL MEASURES, SUCH AS, DUST BARRIERS, WATER SPRINKLING, OR OTHER APPLICABLE PRACTICES AS NOTED IN THE HAWAII DOT "CONSTRUCTION BEST MANAGEMENT PRACTICES FIELD MANUAL" (JANUARY 2008) AND SECTIONS 209 & 620 OF THE "HAWAII STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (2005). THE CONTRACTOR SHALL INSPECT FUGITIVE DUST GENERATION AND DUST CONTROL MEASURES DAILY AND COORDINATE WITH THE ENGINEER TO TAKE CORRECTIVE ACTIONS AND MAKE ANY REPAIRS TO THE MEASURES AS NECESSARY. DUST CONTROL MEASURES SHOULD BE APPLIED SEVEN (7) DAYS A WEEK, INCLUDING NON-WORKING DAYS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES AND FEES LEVIED FROM NUISANCES OR PROBLEMS ARISING FROM FUGITIVE DUST ORIGINATING FROM THE PROJECT SITE AND PROJECT WORK.

COMPOST FILTER SOCK
DETAIL
A
C-10
NOT TO SCALE



ENTRENCHING AND STAKING DETAILS



DUST CONTROL SCREEN
DETAIL
B
C-11
NOT TO SCALE

1	ADDENDUM NO. 1 - REVISE EROSION CONTROL NOTE 14 AND DELETE DETAIL B/C-11	14/14	06/01/16	GC DL
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION				
KAHAKAPOA RECREATIONAL AREA ADA IMPROVEMENTS				
EROSION CONTROL NOTES AND DETAILS				
DESIGNED: AC		SUBMITTED: MS		
DRAWN: RS		DATE: MAY 2016		
CHECKED: MN		SCALE: AS SHOWN		
APPROVED: [Signature]		DRAWING NO. C-11		
APRIL 30, 2018		MAY 6, 2016		
EXPIRATION DATE OF THE LICENSE		DATE		
JOB NO. J00CM60A		SHEET NO. 14 OF 14 SHEETS		