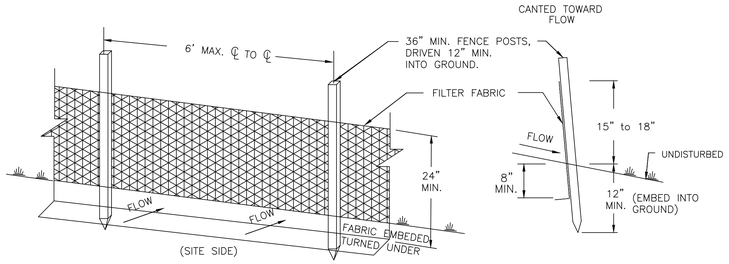
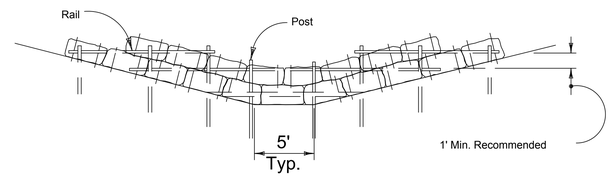


FDOT TYPE III SILT FENCE DETAILS

SCALE: N.T.S. SEE FDOT INDEX 102

EROSION AND SEDIMENT CONTROL NOTES

1. ALL PRACTICAL AND NECESSARY EFFORT SHALL BE TAKEN, DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS, SURFACE WATER OR OFFSITE.
2. EROSION CONTROL MEASURES WILL BE IN ACCORDANCE WITH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT BEST MANAGEMENT PRACTICES, THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM SMALL (LESS THAN 5 ACRES) CONSTRUCTION ACTIVITIES, AND THE CONTRACTOR'S STORM WATER POLLUTION PREVENTION PLAN.
3. ALL EROSION CONTROL AND SEDIMENTATION CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED.
4. SILT BARRIERS SHALL BE INSTALLED AROUND SITE AS DETAILED PRIOR TO ANY CONSTRUCTION ACTIVITY.
5. CONTRACTOR SHALL MAINTAIN AND CONTINUE TO INSTALL SILT BARRIERS AS REQUIRED TO PROVIDE EROSION CONTROL FOR THE CURRENT CONSTRUCTION ACTIVITY.
6. ALL PRACTICAL AND NECESSARY EFFORT SHALL BE TAKEN, DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE WATER OR OFFSITE.
7. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 21 DAYS.
8. ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24 HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
9. FILTER FABRIC SHALL BE FASTENED SECURELY TO POSTS.
10. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
11. POSTS SHALL BE 2" X 4" OR 2-1/2" MIN. DIA. WOOD OR STEEL 1.33#/FT. MIN.
12. SEE FDOT INDEX 102, TYPE III SILT FENCE.



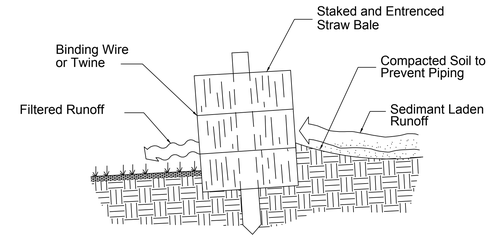
Anchor Lower Bales With 2 - 2" x 2" x 4' Stakes Per Bale.
Anchor Top Bales To Lower Bales With 2 - 2" x 2" x 4' Stakes Per Bale.

ELEVATION

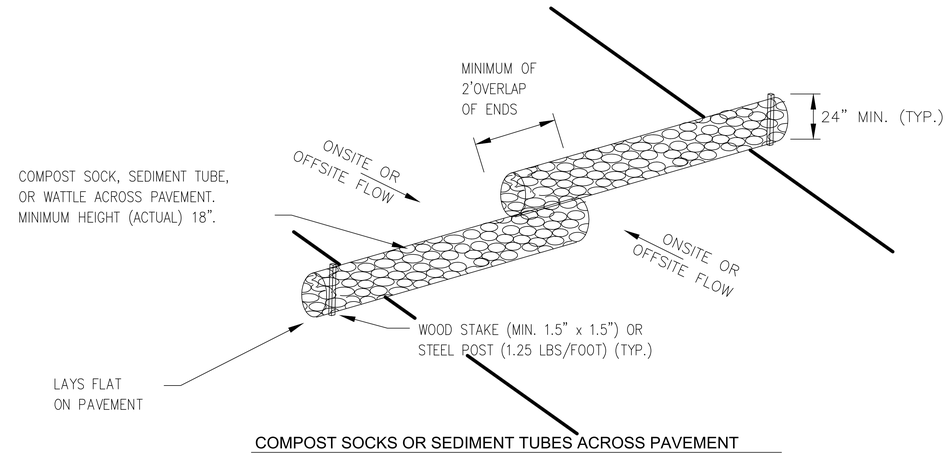
TYPE II

HAY BALE BARRIER FOR UNPAVED DITCHES

REFER TO FDOT DESIGN STANDARDS, INDEX NO. 102



CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE



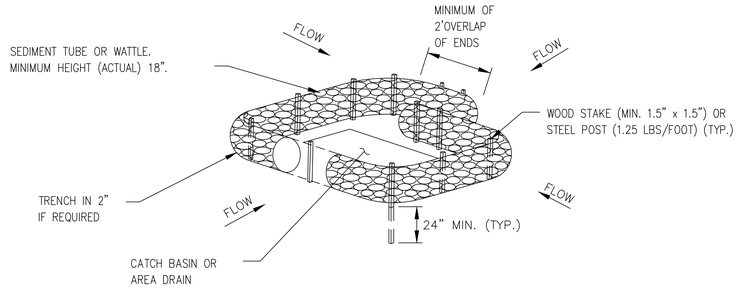
COMPOST SOCKS OR SEDIMENT TUBES ACROSS PAVEMENT

N.T.S.

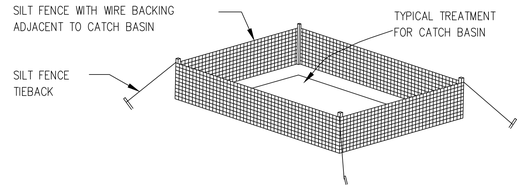
TYPICAL SEDIMENT BARRIERS

SCALE: N.T.S.

CATCH BASIN PROTECTION (TYPE D)



CATCH BASIN PROTECTION (TYPE E)



FINAL DESIGN
APPROVED FOR CONSTRUCTION

Revisions:	Date

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AKEA Project No. 083-14

Drawing Title	SEDIMENT AND EROSION CONTROL DETAILS
Approved: Project Director	
Project Title	REPLACE BOILERS - FCA D, ENERGY AT THE MALCOM RANDALL VAMC
Location	GAINESVILLE, FLORIDA
Date	JULY 8, 2016
Checked	MDT
Drawn	JG
Project Number	573-14-600
Building Number	
Drawing Number	C120

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231