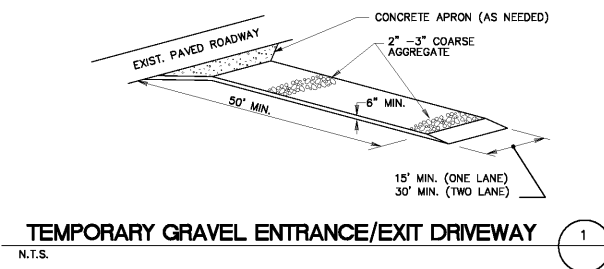


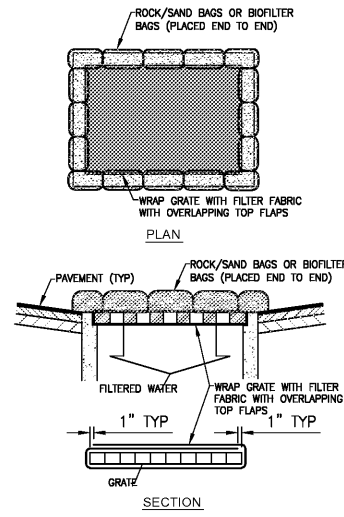
User: PERE4816 G:\PROJECTS\100060192 - CF - Micco - Micco Rd & US-1 TO CAD\CF06.2 STORMWATER POLLUTION PREVENTION NOTES.dwg

SEDIMENT AND EROSION CONTROL NOTES

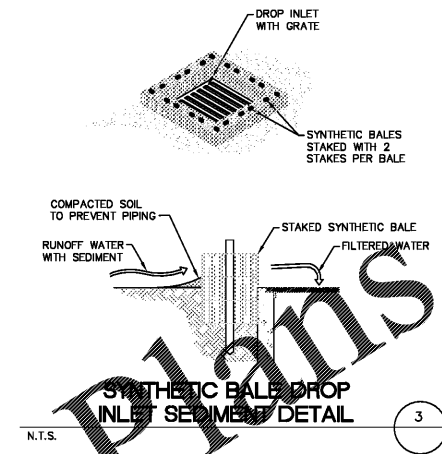
1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION - ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 4 INCH OPENING SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
6. FOOT NO.1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED ON DETAIL 5. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
8. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
9. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
10. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
11. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
12. LOOSE STRAW SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.
13. SYNTHETIC BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
14. CLOSE ATTENTION SHALL BE GIVEN TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
15. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
16. SEDIMENT DEPOSITS MUST BE REMOVED AFTER EACH RAINFALL. IT MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
17. ANY SEDIMENT DEPOSITS REMAINING IN PLACE, AFTER THE SYNTHETIC BALE OR FILTER BARRIERS, AND OR SILT FENCES ARE NO LONGER REQUIRED, SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
18. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
19. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
20. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
21. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/4 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
22. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
23. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.) CHAPTER 6.
24. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAIL 4 THIS SHEET FOR TYPICAL CONSTRUCTION.
25. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
26. SOIL SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
27. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
28. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY APPROVED BY A CONSUMPTIVE USE PERMIT FROM THE ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT.
29. ALL DISTURBED AREAS SHALL BE STABILIZED THROUGH COMPACTION, SILT SCREENS, SYNTHETIC BALES, AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOIL SOD.
30. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL SHALL REMAIN IN PLACE UNTIL AFTER COMPLETION OF CONSTRUCTION, AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED.
31. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT CONTROL REQUIRED FOR THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
32. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO COMPLIANCE OF SURFMAN EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.



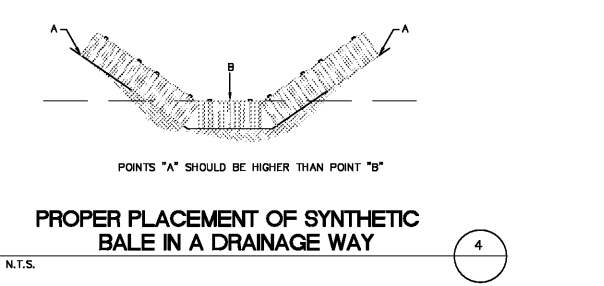
TEMPORARY GRAVEL ENTRANCE/EXIT DRIVEWAY
N.T.S.



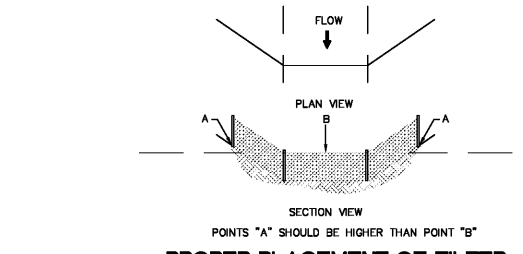
INLET SEDIMENT FILTER DETAIL
N.T.S.



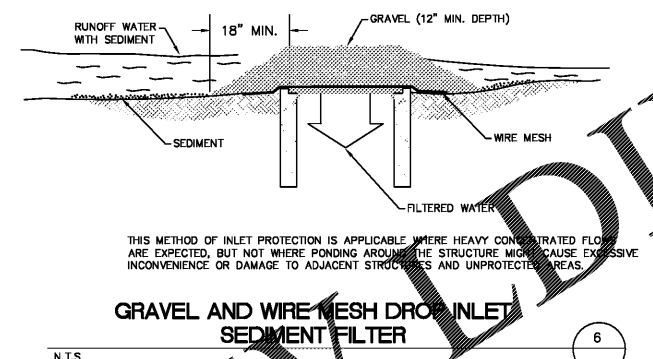
SYNTHETIC BALE DROP INLET SEDIMENT DETAIL
N.T.S.



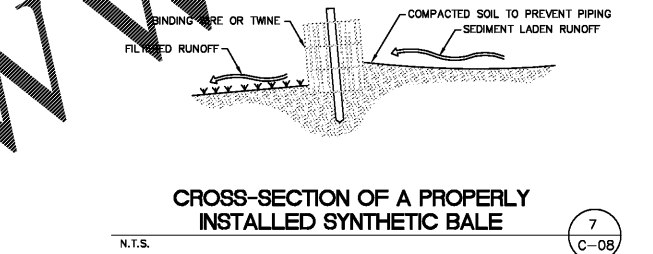
PROPER PLACEMENT OF SYNTHETIC BALE IN A DRAINAGE WAY
N.T.S.



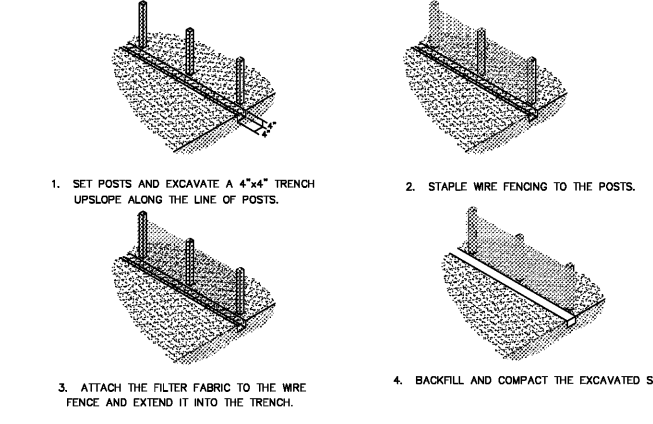
PROPER PLACEMENT OF FILTER BARRIER IN A DRAINAGE WAY
N.T.S.



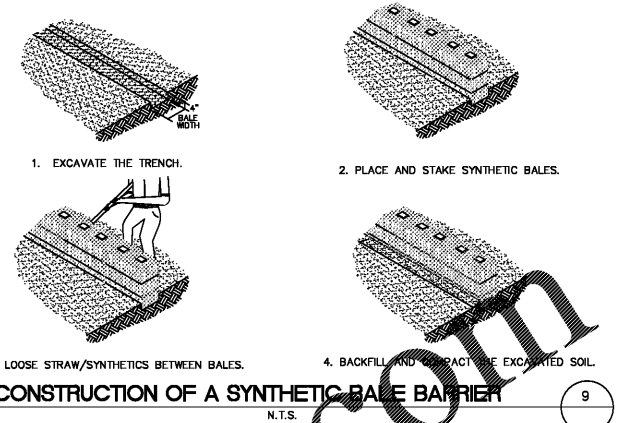
GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER
N.T.S.



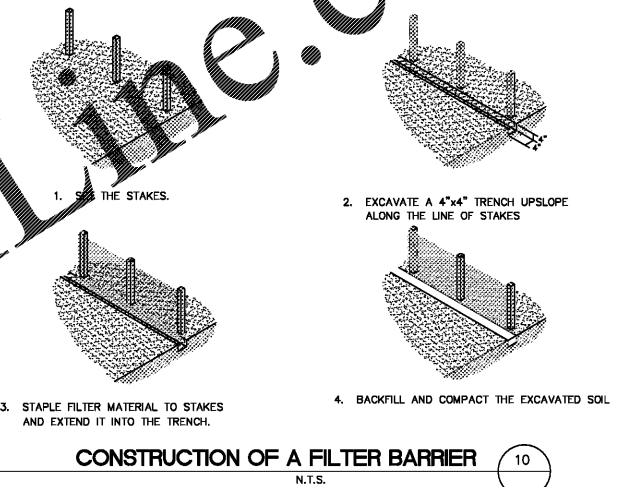
CROSS-SECTION OF A PROPERLY INSTALLED SYNTHETIC BALE
N.T.S.



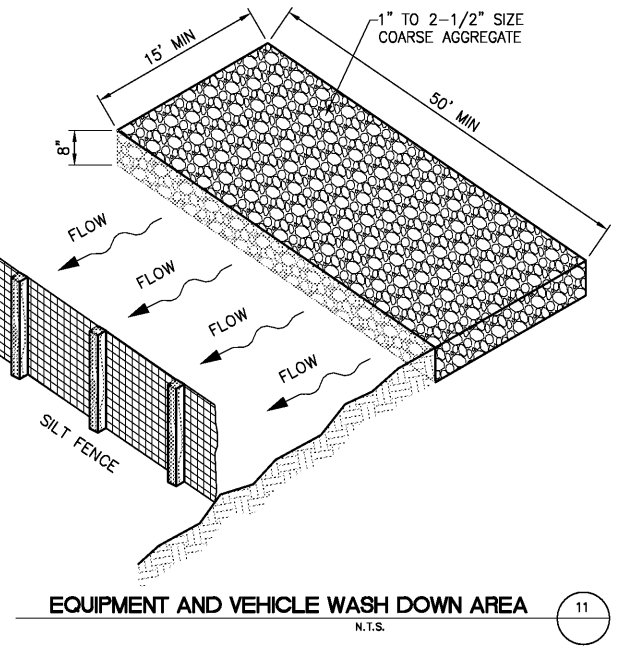
CONSTRUCTION OF SILT FENCE
N.T.S.



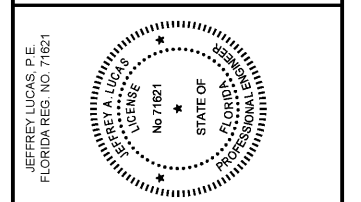
CONSTRUCTION OF A SYNTHETIC BALE BARRIER
N.T.S.



CONSTRUCTION OF A FILTER BARRIER
N.T.S.



EQUIPMENT AND VEHICLE WASH DOWN AREA
N.T.S.



NOTICE: The information in this document was prepared by ATKINS, Inc. While ATKINS, Inc. has taken all reasonable steps to ensure the accuracy of the information contained in this document, it does not guarantee that changes or alterations to this document will not be made by anyone other than ATKINS personnel after the document leaves the possession of ATKINS. Changes or alterations may be made and result in damage to property, personal injury or death. If verification of the information contained in the document is needed, contact should be made directly with ATKINS. This document must be compared to the original hard copy, with careful review used if applicable, in order to insure the accuracy of the information contained therein and to ensure that no changes, alterations or modifications have been made to the document. No reliance should ever be made on a document transmitted or reviewed by computer or other electronic means unless it is that compared to the original. ATKINS makes no warranties, express or implied, concerning the accuracy of the information contained in any document transmitted or reviewed by computer or other electronic means.

Rev.	Date	Description	By	Check/Approv.
1	11/7/18	BREVARD COUNTY COMMENTS	cp	ra
2	12/10/18	BREVARD COUNTY COMMENTS	cp	ra
3	03/04/19	BREVARD COUNTY COMMENTS	cp	ra
4	03/24/19	BREVARD COUNTY COMMENTS	cp	ra
5	09/30/19	PER CLIENT COMMENTS	cp	cp, ra

Drawing Status: **FOR PERMITTING** Submittal: **\$0**

ATKINS
CORPORATE OFFICE: 4030 W. BOY SCOUT BLVD TAMPA, FLORIDA 33607
LOCAL OFFICE: 7175 MURRELL ROAD MELBOURNE, FL 32940
TEL. 321.242.4942 FAX 321.242.6101 www.atkinsglobal.com
Copyright © Atkins Limited (2017)

Cumberland Farms
CUMBERLAND FARMS INC.
150 FLORISS ROAD WESTBOROUGH, MA 01581

Project Title: **MICCO ROAD & US-1 BREVARD COUNTY, FL 100060192**

Drawing Title: **EROSION & SEDIMENTATION DETAILS**

Scale	Designed	Drawn	Checked	Authorized
Original Size	JL	DF		
ARCH D	Date	Date	Date	Date
Drawing Number	Revision			
CFG06.1				