GENERAL NOTES

1. A Soil Tracking Prevention Device (STPD) shall be constructed at locations designated by the engineer for points of egress from unstabilized areas of the project to public roads where offsite tracking of mud could occur. Traffic from unstabilized areas of the construction project shall be directed thru a STPD. Barriers, flagging, or other positive means shall be used as required to limit and direct vehicular egress across the STPD.

2. The Contractor may propose an alternative technique to minimize offsite tracking of sediment. The alternative must be reviewed and approved by the Engineer prior to its use.

3. All materials spilled, dropped, or tracked onto public roads (including the STPD aggregate and construction mud) shall be removed daily, or more frequently if so directed by the Engineer.

4. Aggregates shall be as described in Section 901 excluding 901-2.3. Aggregates shall be FDOT size #1. If this size is not available, the nex available smaller size aggregate may be substituted with the approval of Engineer. Sizes containing excessive small aggregate will track off the p and are unsuitable.

5. The sediment pit should provide a retention volume of 3600 cubic feet/acre of surface area draining to the pit. When the STPD is isolated from other drainage areas, the following pit volumes will satisfy this requirement:

   15' x 50' = 100 ft³ 30' x 50' = 200 ft³

   As an option to the sediment pit, the width of the swale bottom can be increased to obtain the volume. When the sediment pit or swale volume has been reduced to one half, it shall be cleaned. When a swale is used, hay bales or silt fence shall be placed along the entire length.

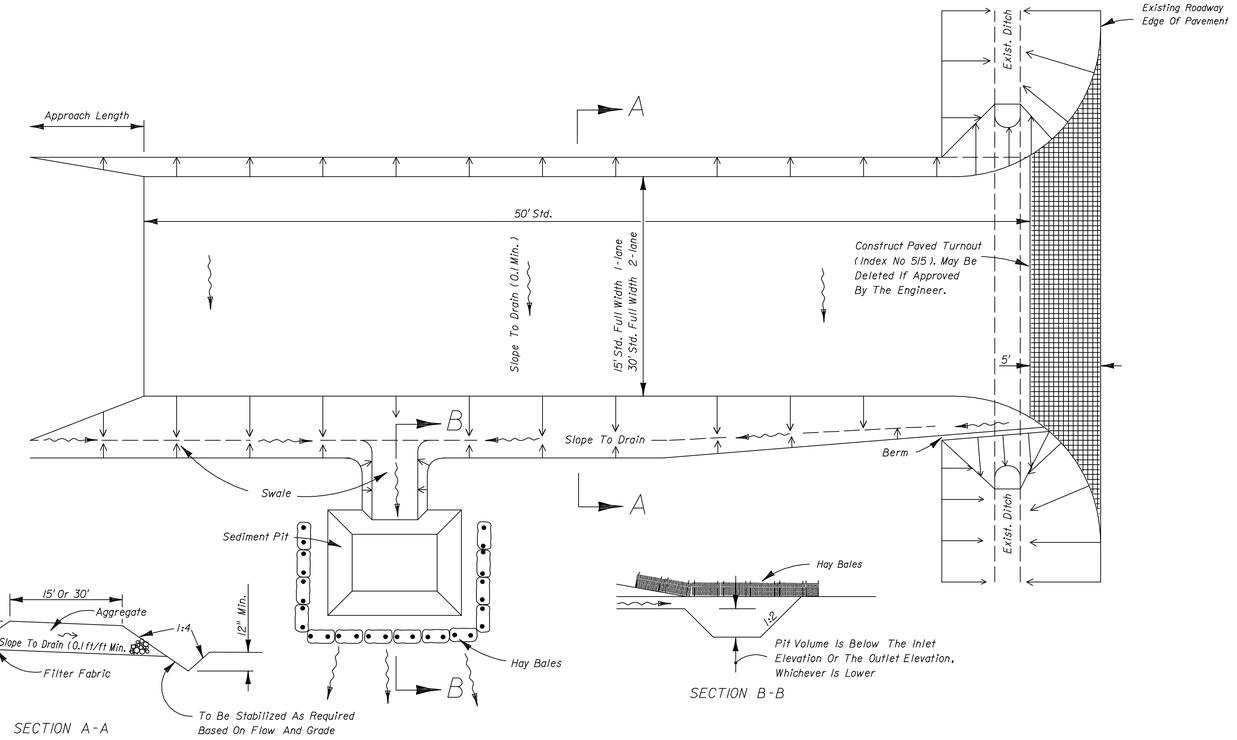
6. The swale ditch draining the STPD shall have a 0.2% minimum and a 1.0% maximum grade along the STPD and to the sediment pit.

7. Mitered end sections are not required when the sidedrain pipe satisfies the clear zone requirements.

8. The STPD shall be maintained in a condition that will allow it to perform its function. To prevent offsite tracking, the STPD shall be rinsed (daily when in use) to move accumulated mud downward thru the stone. Additional stabilization of the vehicular route leading to the STPD may be required to limit the mud tracked.

9. A STPD shall be paid for under the contract unit price for Soil Tracking Prevention Device, EA. The unit price shall constitute full compensation for construction, maintenance, replacement of materials, removal, and restoration of the area utilized for the STPD; including but not limited to excavation, grading, temporary pipe (including MES when required), fi fabric, aggregate, paved turnout (including asphalt and base construction) ditch stabilization, approach route stabilization, sediment removal and disp water, rinsing and cleaning of the STPD and cleaning of public roads, grassing and sod. Hay bales shall be paid for under the contract unit pric for Hay or Straw Baled, EA. Silt fence shall be paid for under the contr unit price for Staked Silt Fence, LF.

10. The nominal size of a standard STPD is 15' x 50' unless otherwise shown in the plans. If the volume of entering and exiting vehicles warrant, a 30' width STPD may be used if approved by the Engineer. When a double width (30') STPD is used, the pay quantity shall be 2 for each location.



SECTION A-A

SECTION B-B

SOIL TRACKING PREVENTION DEVICE PER FDOT 106

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL INSTALL TEMPORARY AND MAINTAIN EROSION CONTROL AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN FLORIDA (HEREAFTER REFERRED TO AS FL GUIDELINES).

2. MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, A VISUAL INSPECTION SHALL BE MADE OF ALL INSTALL TEMPORARY EROSION CONTROL MEASURES AND REPAIRS SHALL BE CONDUCTED TO ENSURE THEIR CONTINUING FUNCTION AS DESIGNED.

3. CATCH BASIN, INLETS AND STORM SEWER MANHOLES STRUCTURES WITHIN SITE WILL BE PROTECTED DURING FILLING OPERATIONS FROM SEDIMENT RUNOFF AND DEBRIS BY PLACING A FILTER FABRIC MATERIAL IN THE FRAME AND GRATE/MANHOLE COVER. PREVENTIVE METHODS MUST BE UTILIZED AROUND THESE STRUCTURES (DURING FILLING OPERATIONS) BY GRADING TO DRAIN AWAY FROM STRUCTURES AND ANY OTHER METHODS APPROVED BY THE COUNTY ENGINEER OR DESIGN ENGINEER OF RECORD.

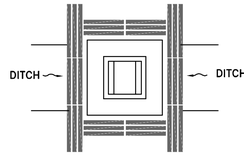
4. THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORM WATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS. STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFFSITE TRACKING.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR READING AND FAMILIARIZING THEMSELVES WITH ALL OF THE PERMITS PREVIOUSLY ACQUIRED FOR THIS PROJECT. THE CONDITIONS OUTLINED IN THE PERMITS ARE IN FORCE AND FULL EFFECT AS PART OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL WORK ASSOCIATED WITH THIS PROJECT IS IN COMPLIANCE WITH ALL OF THE REQUIREMENTS OF THESE PERMITS.

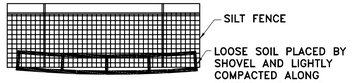
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ACQUIRING A VALID NPDES PERMIT, UNLESS SUCH PERMIT IS DETERMINED TO BE NON-APPLICABLE BY REGULATORY AGENCY HAVING PROPER JURISDICTION REGARDING THIS MATTER.

7. THE CONTRACTOR SHALL ENSURE THAT A TURBIDITY BARRIER II INSTALLED/ MAINTAINED TO PREVENT ANY SEDIMENTS FROM REACHING THE EXISTING CANAL. THE CONTRACTOR SHALL BE RESPONSIBLE FORE ANY AND ALL WATER CONTROL VIOLATIONS RESULTING FROM FAILURE TO ELIMINATE AND / OR CONTROL TURBID RUN OFF FROM LEAVING THE CONSTRUCTION AREA.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAININ A NPDES LOG AT ALL TIMES IN ACCORDANCE WITH THE FDEP GUIDELINES.



DITCH BOTTOM INLET PROTECTION DEVICE PER FDOT INDEX 102



NOTE:
1. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING COURSES. SILT FENCES ARE TO BE PLACED AT UPLAND LOCATIONS.
2. BALES TO BE STAKED AT THE DIRECTION OF THE ENGINEER, CITY, BCEPD OR SFWMD.
3. WHERE THE SILT FENCE IS USED AS SLOPE PROTECTION, IT IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.

PER FDOT INDEX 102

KEITH
301 East Atlantic Blvd. Pompano Beach, FL 33060
PH: (954) 788-3400
Florida Certificate of Authorization: 7928
Licensed Business Number: 6860

REVISIONS

NO.	DESCRIPTION	DATE

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE:	03/25/2021
DESIGNED BY:	JW
DRAWN BY:	FA
CHECKED BY:	TD
BID-CONTRACT:	

This item has been digitally signed and sealed by Thomas F. Donahue, P.E. on the date below using a Digital Signature.

THOMAS F. DONAHUE LICENSE No. 60529 STATE OF FLORIDA PROFESSIONAL ENGINEER

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Date: 2021.04.14 14:31:31-04'00'

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT

BARRY S. MITTELBERG, ESQ.

PROJECT

NORTH ATLANTIC
951 S.W. 12th AVENUE
POMPANO BEACH FL

SHEET TITLE

EROSION CONTROL DETAILS

SHEET NUMBER CC-501

PROJECT NUMBER 09293.01

DRC
PZ21-12000021
5/19/21

STATUS: PRELIMINARY

Plotted by: fascuntar On Thursday, April 8, 2021 1:36:38 PM

Drawing name: N:\09\09293.01 - North Atlantic 951 S. Andrews Avenue - Barry S. Mittelberg P.A\Engineering\Cad\09293.01-CG-SXX.dwg