GENERAL NOTES EROSION CONTROL Section VII (SWPPP Narrative) 1.0 SITE DESCRIPTION 1.a Nature of Construction Activities Construction activities consist of the construction of two (2) office buildings totaling 5,858 sq. ft. and 23,097 sq. ft. of pavement on 1.228 acres within the city of Port St. Lucie of St. Lucie County, Florida. 1.b Sequence of Major Soil Disturbing Activities The following sequence of major activities shall be followed unless the contractor can propose an alternative that is equal or exceeds the erosion and sediment control practices described in this document, and is approved by the Engineer. The detailed sequence for the entire project can vary significantly from contractor to contractor. The contractor is responsible for providing a detailed sequence of construction for all construction activities. 1. Placement of all erosion control devices. 2. Clearing and grubbing, earthwork and excavation of ponds. 3. Storm sewer construction; all storm sewer shall be constructed in the upstream direction. 4. Earthwork associated with roadway, curb, subgrade, base and pavement. 5. Final seed and mulch and or sodding of the unpaved project area as called for in plans. 1.c Area Estimates Total site area: 1.228 acres Total Area to be Disturbed: 1.228 acres 1.d Runoff Data Runoff Coefficients: Before: 0.30 During: 0.30-0.81 After: 0.81 Soils Data: The soils are silty fine sand to clean sands. The small sand particle size will make the potential for erosion high. Drainage Areas for Each Outfall: 1 e Site Map The construction plans will substitute as site maps. Locations of the required information are described below. Drainage Patterns: The drainage flow directions are shown on the Paving and Drainage Plan. Approximate Slopes: The slopes of the site can be seen on the Paving and Drainage plan and cross sections. The areas to be disturbed are indicated on the plan. Any areas where permanent features are shown to be constructed above or below ground will be disturbed. For the purpose of this plan, it is reasonable to say that all areas of the project will be disturbed during some phase of construction. The erosion control devices and locations are shown on the Paving and Drainage Plan. Temporary stabilization practices are also shown on the plans, if applicable. Areas of permanent stabilization are shown on the Paving and Drainage Plan. Surface Water: Surface water discharge is shown on the Paving and Drainage Plan. The surface water of the project will discharge to the ex. road side swale on the east side of the property. 1.f Receiving Waters The surface waters of the project discharge directly into the Gatlin master drainage system on the south side of the property. 2.0 CONTROLS 2.a Erosion and Sediment Controls The following defines general quantities for the sequence of construction and the use of stabilization and structural practices. The contractor is also responsible for documenting this portion of the SWPPP. The construction of this project is expected to last six months. Install stabilized construction entrances at all common areas where construction vehicles will be entering and exiting the construction site. The driveways shall be constructed per FDOT Install silt fences, Type III, around all ditch bottom inlets on the project, and the project perimeter. Filter cloth under the grates on catch basins may be used in lieu of a silt fence. Install staked turbidity barriers at the locations as indicated in the Paving and Drainage Plan (discharge points). 2.a.1 Stabilized Practices Seed and mulch, and sod in accordance with Specification Section 104. All stabilization practices 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 7 days after the construction activity in that portion of the site has temporarily ceased. The contractor is also responsible for documenting this portion of the SWPPP. 2.a.2 Structural Practices Temporary: Silt fence in accordance with FDOT Index 102 and Specification 104. Staked turbidity barrier in accordance with FDOT Index 103. Soil tracking prevention device in accordance with FDOT Index 106. A stabilized construction entrance to be constructed per FDOT Index 106. All sediment controls shall be in place prior to any soil disturbing activity upstream of the control. 2.b Stormwater Management Stormwater will be conveyed in storm sewer system, cross details, and swales to Stormwater retention/detention ponds. 2.c Other Controls 2.c.1 Waste Disposal The contractor is solely responsible for documenting this portion of the SWPPP.

2.c.2 Off-Site Vehicle Tracking

The contractor is responsible for documenting this portion of the SWPPP.

2.c.3 State and Local Regulations (Waste, Sanitary, and Septic)

The contractor is solely responsible form documenting this portion of the SWPPP.

2.d State and Local Plans

This project qualifies for a "No Notice General Permit" from the South Florida Water Management District (SFWMD).

3. MAINTENANCE

ITEM MAINTENANCE POSED REPLACEMENT INTERVAL Silt Fence In accordance with specification 6 Months Section 104.

Ponds Remove sediment when it becomes 0.15m (6") deep.

Synthetic Bales Remove sediment when it reaches 3 Months 1/2 height of bales.

The contractor shall maintain rain gauges on-site and record daily rainfall. The contractor is also responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control

4. INSPECTION

Qualified personnel shall inspect the following items at least once every seven calendar days and within 24 hours of the end of a storm that is 0.50 inches or greater. Where sites have been finally stabilized, inspections shall be conducted at least once every month.

Points of discharge to waters in the United States. Points of discharge to municipal separate storm systems. Disturbed areas of the site that have not been finally stabilized. Areas used for storage of materials that are exposed to precipitation. Structural controls. Stormwater management systems. Locations where vehicles enter or exit the site.

5. NON-STORMWATER DISCHARGES

The contractor is required to submit a dewatering plan to SFWMD for approval prior to commencement of any construction activities that require dewatering. This plan shall include any stockpile areas and excavation areas. See SFWMD Rule 40 D-2 Consumptive Use of Water, Rule 40 D-3 Regulation Wells Specifying Requirements for Dewatering and ERP application Section E, subsection D Construction Schedule and Techniques.

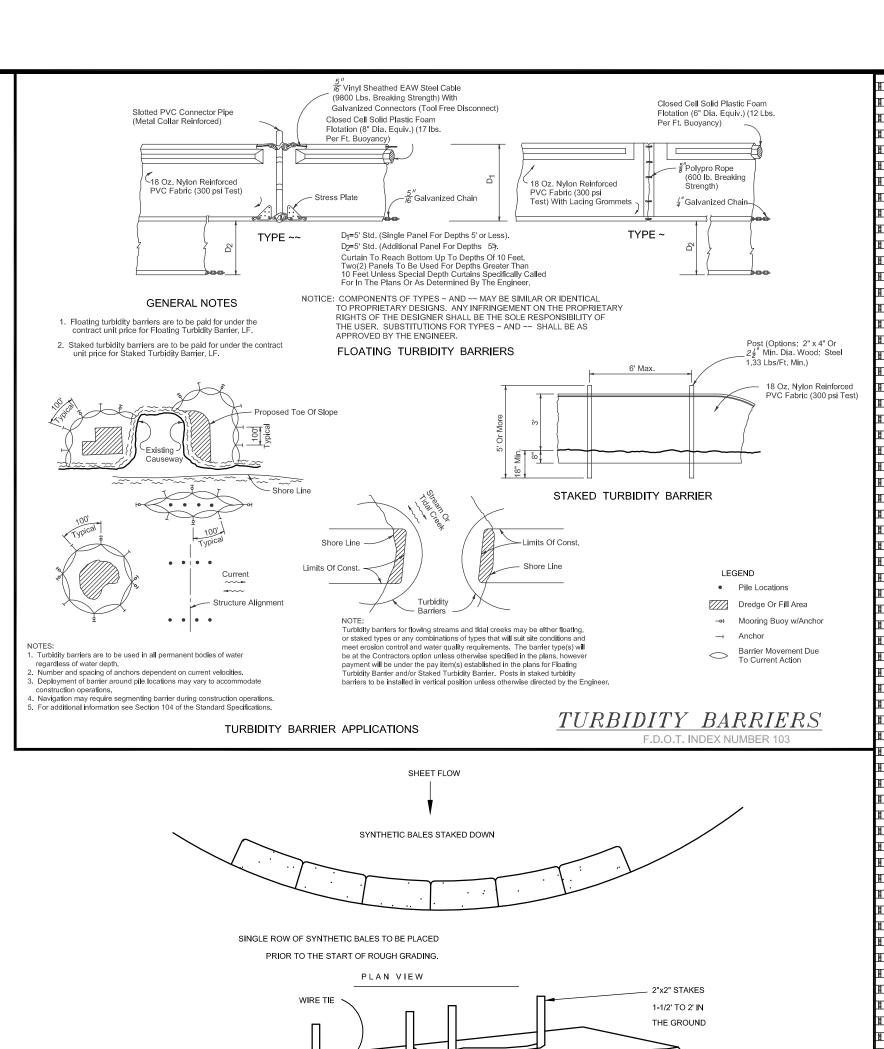
The contractor is responsible for documenting this portion of the SWPPP. If contaminated soil or groundwater is encountered, contact the District Hazardous Materials Coordinator.

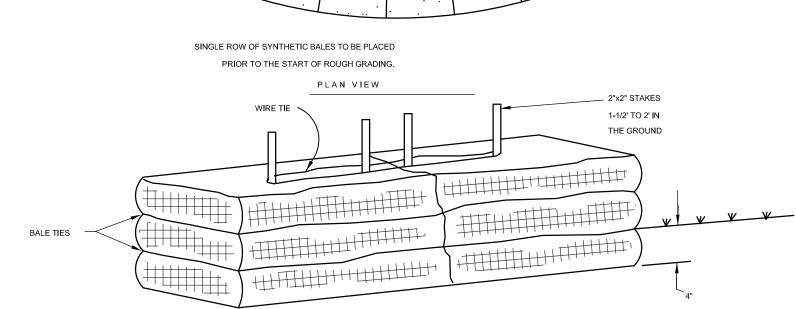
6. RESPONSIBLE ENTITIES

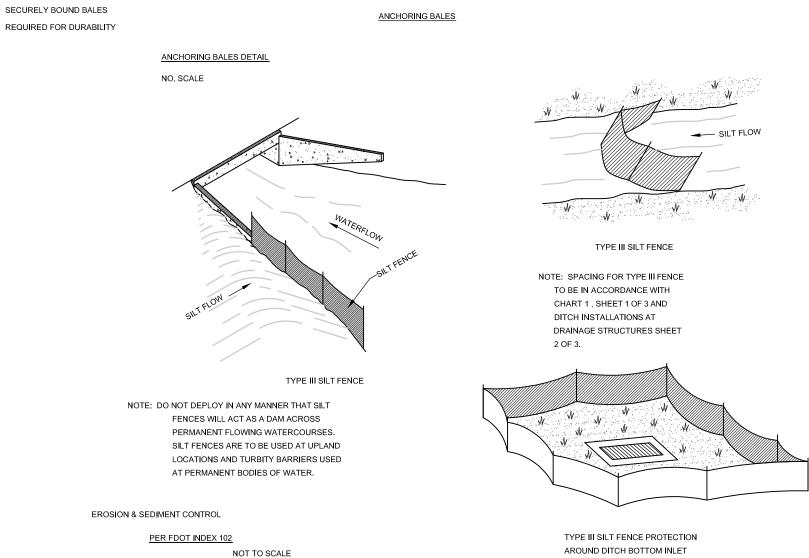
This SWPPP must clearly identify, for each measure identified within the SWPPP, the contractor(s) or subcontractor(s) that will implement each measure. All contractor(s) and subcontractor(s) that will be responsible for the implementation and maintenance of the measures identified in the SWPPP must sign the following certification:

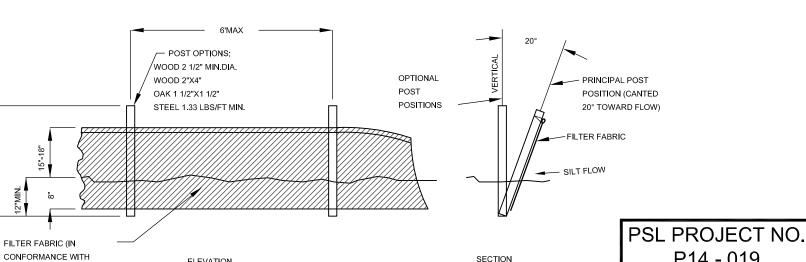
"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared there under."

NAME AND TITLE	COMPANY NAME, ADDRESS, AND PHONE NUMBER	RESPONSIBLE ITEMS	DATE









TYPE III SILT FENCE

ELEVATION

NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED FENCE(L.F.)

SEC.985 FDOT SPEC.)

RC

R.J. KENNEDY, P.E. #56218 **1934 TUCKER COURT** FT. PIERCE, FL 34950 phone: 772-462-2455

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