

I. SITE DESCRIPTION

- A. NATURE OF CONSTRUCTION ACTIVITY
THE PROJECT IS LOCATED AT THE SOUTHWEST CORNER OF SKYON BOULEVARD AND HWY 17-92 IN DEBARY, FLORIDA.
- B. TOTAL PROJECT AREA, APPROXIMATELY 3.875 ACRES.
TOTAL AREA TO BE DISTURBED APPROXIMATELY 3.875 ACRES.
SEQUENCE OF EVENTS: CONTRACTOR WILL INSTALL EROSION CONTROL MEASURES PRIOR TO BEGINNING CONSTRUCTION.
- C. RUNOFF COEFFICIENTS BEFORE CWM(B), DURING CWM(D), AND AFTER CWM(A) CONSTRUCTION:
RUNOFF COEFFICIENT FOR:
DISTURBED AREAS DURING CONSTRUCTION, C= 0.75
EXISTING PERVIOUS AREA, 3.826 ACRES.
PROPOSED PERVIOUS AREA, 1.953 ACRES
WEIGHTED RUNOFF COEFFICIENTS:
CWM(B), 0.30
CWM(D), 0.30
CWM(A), 0.75
- D. DESCRIPTION OF SOILS:
THE USDA SOIL CONSERVATION SERVICE SOIL SURVEY FOR VOLUSIA COUNTY LISTS THE FOLLOWING SOILS WITHIN THE PROJECT AREA:
PAOLA
ORNSNO
- E. SITE MAP:
SEE SHEET 1 OF THE CONSTRUCTION PLANS
- F. RECEIVING WATERS/WETLANDS:
(1) RECEIVING WATERS:
STORMWATER RUNOFF FROM THIS PROJECT WILL BE DIVERTED INTO A DRY RETENTION POND VIA DITCH BOTTOM INLETS AND A CONCRETE FLUME.
(2) WETLAND AREA:
THERE ARE NO WETLANDS IN ASSOCIATION WITH THIS PROJECT.
- (3) APPROXIMATE OUTFALLS FROM THIS PROJECT:
STORMWATER RUNOFF FROM THIS PROJECT WILL BE DISCHARGED THROUGH A CONTROL STRUCTURE TO THE PATH OF NATURAL DRAINAGE FLOW. THIS WILL EMPTY INTO KINGS LAKE WHICH DISCHARGES VIA PUMPS INTO THE U.S. HIGHWAY 17-92 DRAINAGE SYSTEM HEADING SOUTHWARD FROM THERE THE FLOW HEADS EAST DOWN HIGBANKS ROAD TO CUNNINGHAM ROAD, SOUTH DOWN CUNNINGHAM ROAD TO LAKE CHARLES, LAKE CHARLES VIA PUMPS TO I-4 SOUTH TOWARDS DIRKSEN DRIVE AND EVENTUALLY INTO THE ST. JOHNS RIVER.

II. CONTROLS

- A. EROSION AND SEDIMENT CONTROLS:
EROSION CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH FDEP AND FDOT GUIDELINES AND AS SHOWN IN THE PLANS. THIS WILL INCLUDE A DESIGNATED CONSTRUCTION ENTRANCE, STAKED SILT FENCE SHOULD BE PLACED THE ENTIRE LENGTH OF PROJECT AS SHOWN ON PLANS.
- B. STABILIZATION PRACTICES:
STABILIZATION PRACTICES WILL INCLUDE THE PERMANENT PLANTING OF SOG. STABILIZATION MEASURES WILL BE IDENTIFIED AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.
- C. STRUCTURAL PRACTICES:
STRUCTURAL PRACTICES WILL INCLUDE SODDING, SILT FENCES, AFTER THE CONTRACTOR HAS COMPLETED SOIL DISTURBING ACTIVITIES AND BEFORE EROSION CONTROLS ARE REMOVED.
- D. STORM WATER MANAGEMENT:
STORMWATER RUNOFF FROM THIS PROJECT WILL BE CONVEYED FROM THE PARKING AREA INTO A DRY RETENTION POND BY MEANS OF A FLUME AND SEVERAL CATCH BASINS.

OWNER AND/OR RESPONSIBLE AUTHORITY

"I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name _____

Owner and/or Responsible Authority Signature _____

Title _____

Date _____

E. OTHER CONTROLS

- (1) WASTE DISPOSAL:
THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES. ALL FERTILIZER, HYDROCARBON OR OTHER CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPAS STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER. NO SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS SHALL BE DISCHARGED TO WETLANDS OR BURIED ON-SITE. IF THE CONTRACTOR ENCOUNTERS A SPILL, CONSTRUCTION WILL STOP AND WORK WILL NOT RESUME UNTIL DIRECTED BY ENGINEER. DISPOSITION OF HAZARDOUS WASTE WILL BE MADE IN ACCORDANCE WITH ANY/ALL STATE, LOCAL, AND FEDERAL REGULATIONS AND REQUIREMENTS.
 - (2) OFF-SITE/VEHICLE TRACKING:
LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN, EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. AREAS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE DAMPENED WITH WATER AS REQUIRED FOR DUST CONTROL.
 - (3) SANITARY WASTE:
A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY STATE REGULATIONS, WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS.
- F. APPROVED STATE, LOCAL, PLANS OR STORM WATER PERMITS:
THIS PROJECT WILL REQUIRE A GENERAL EMPLOYMENT, RESOURCE PERMIT FROM ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR IMPACTS ASSOCIATED WITH IMPERVIOUS AREA FLORIDA ADMINISTRATIVE CODE SUBSECTIONS 40C-42

III. MAINTENANCE

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES AS PER SECTION 104 OF THE FDOT DESIGN STANDARDS, DATED JANUARY 2006. THE MAINTENANCE OF THESE DEVICES WILL OCCUR UNTIL THE FOOT ENGINEER HAS DEEMED AN AREA PERMANENTLY STABILIZED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ONCE THE AREA IS DEEMED PERMANENTLY STABILIZED. THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE SITE TO BE INCLUDED IN THE COST OF MOBILIZATION. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED IMMEDIATELY.

IV. INSPECTIONS

THE CONTRACTOR SHALL BE REQUIRED TO CONDUCT DAILY VISUAL INSPECTIONS OF ALL TEMPORARY AND PERMANENT STABILIZATION MEASURES ALONG THE PROJECT CORRIDOR. THE CONTRACTOR IS EXPECTED TO REPAIR AND/OR REPLACE THESE ITEMS AS NECESSARY AS PER THE NPDES PERMIT. THE CONTRACTOR SHALL APPOINT AN INSPECTOR TO RECORD RAINFALL, REVIEW THE PROJECT'S TEMPORARY AND PERMANENT STABILIZATION MEASURES AND OUTFALL LOCATIONS EVERY SEVEN (7) CALENDAR DAYS OR WITHIN 24 HOURS OF THE END OF A STORM THAT DEPOSITS 0.50 INCHES OR GREATER OF RAIN. THE INSPECTOR WILL USE FORM 650-040-03 TO DOCUMENT INSPECTIONS.

V. NON STORM WATER DISCHARGE

- THE FOLLOWING CONSTRUCTION ACTIVITIES MAY CAUSE TURBID DISCHARGES. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN SPECIFIC TO THOSE ACTIVITIES.
1. SITE CONSTRUCTION
 2. DUST CONTROL
 3. IRRIGATION
 4. EQUIPMENT WASHOUT

CONTRACTOR / SUB-CONTRACTOR CERTIFICATION

"I, certify, under penalty of law that I understand, and shall comply with, the terms and conditions of this State of Florida Erosion Control Plan, and shall be responsible for the design, construction, and maintenance of the Stormwater Pollution Prevention Plan prepared thereunder."

Print Name _____

Owner and/or Responsible Authority Signature _____

Title _____

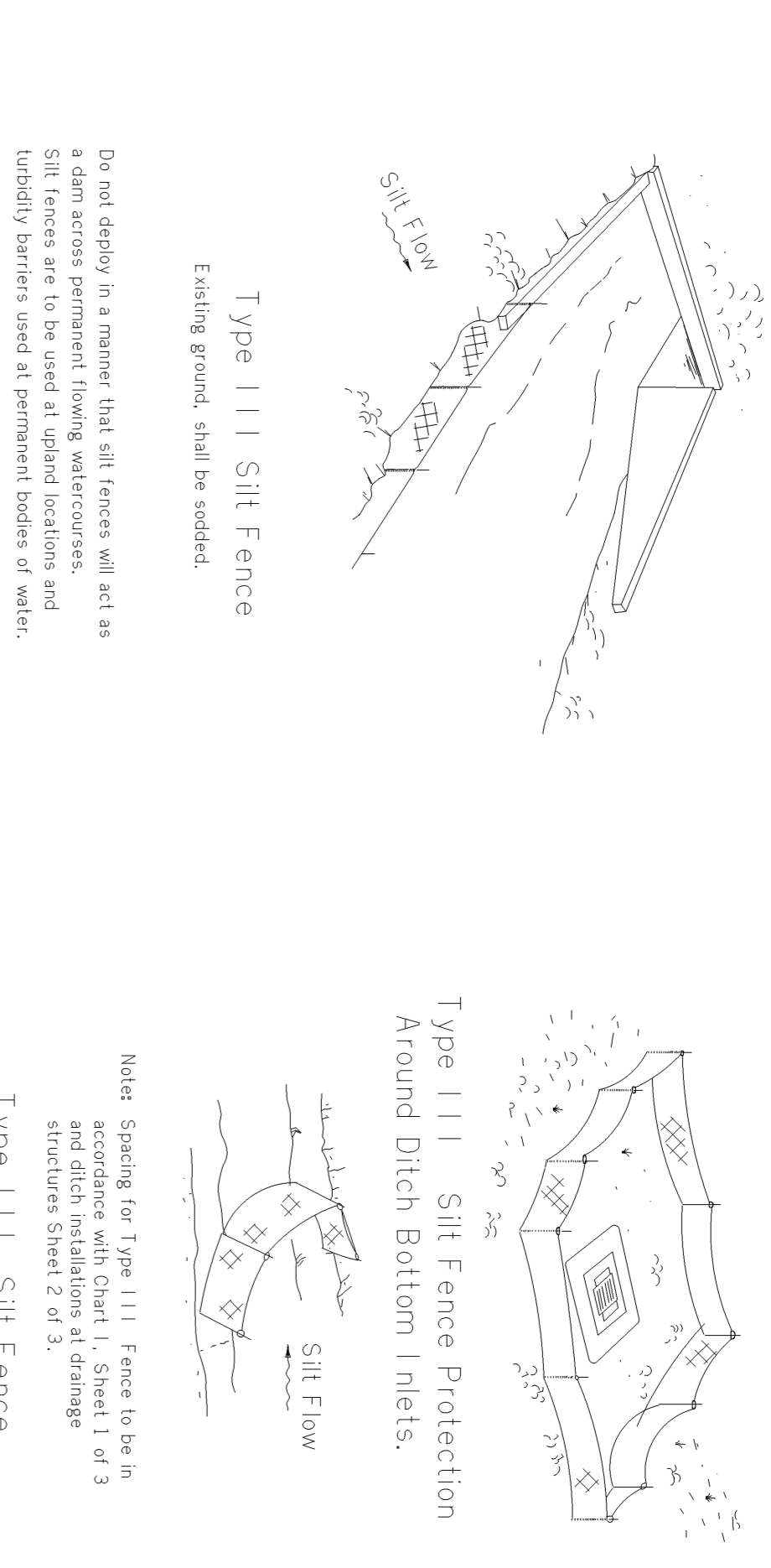
Date of Certification _____

Address _____

Contacting Firm Name _____

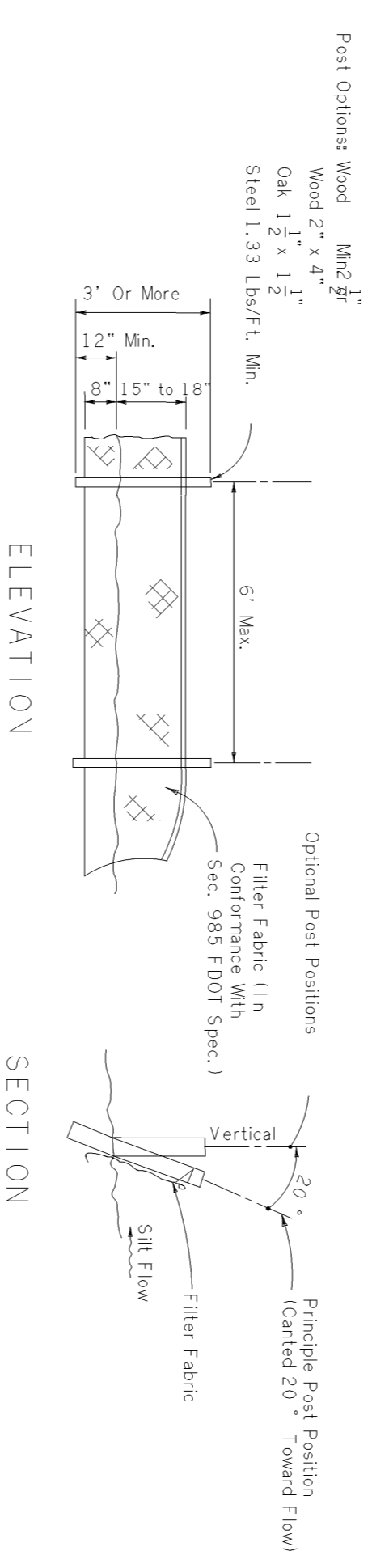
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Phone Number 2 _____

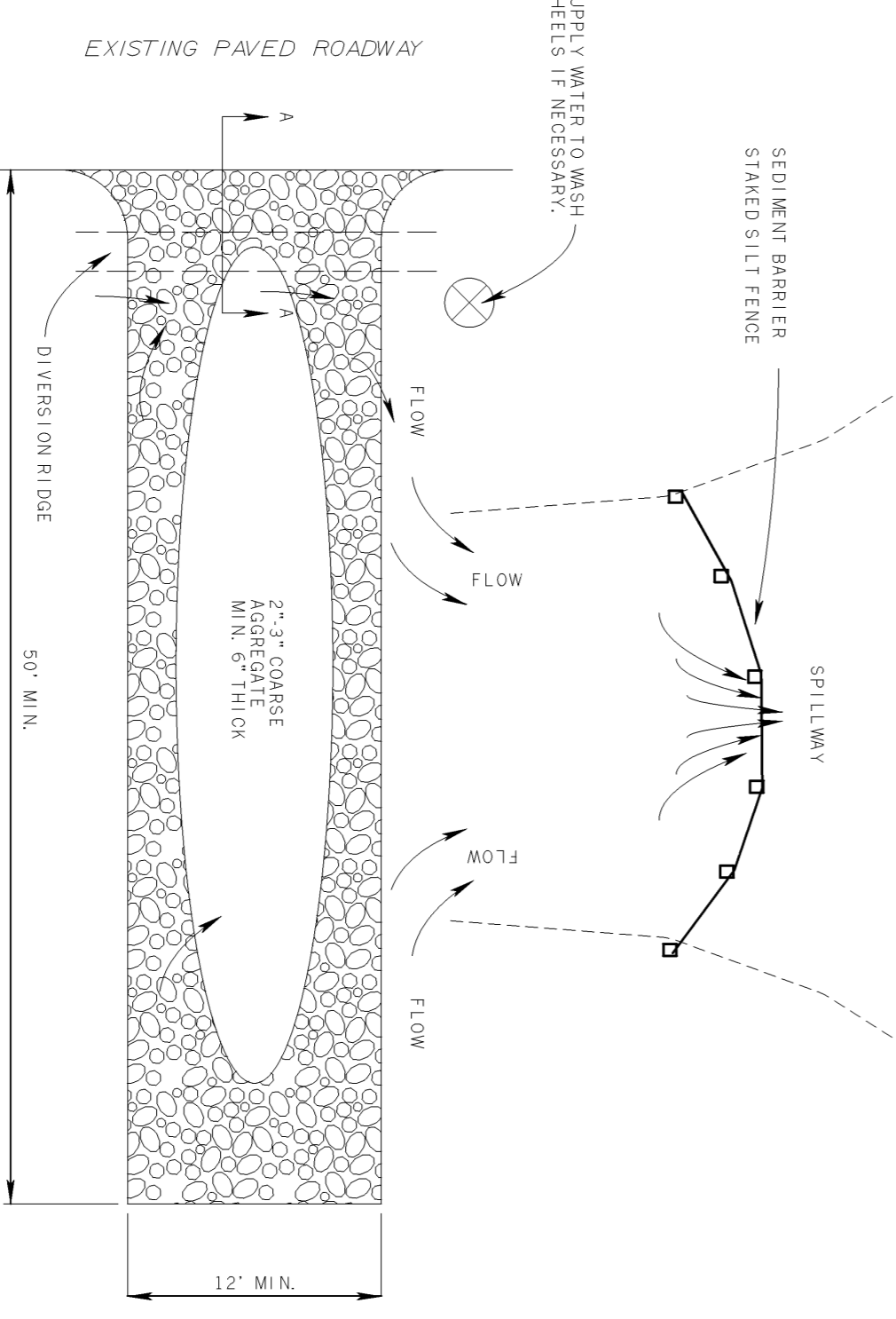
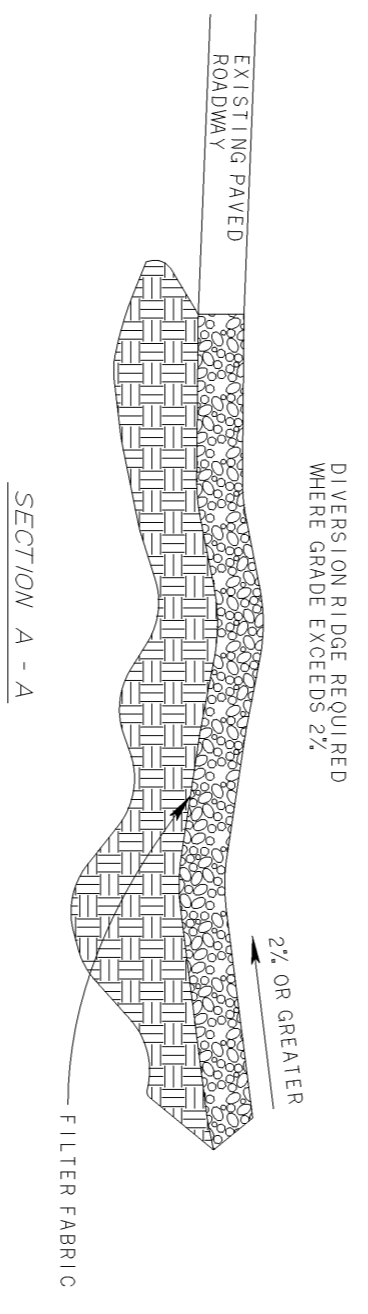


F. D. O. T. SILT FENCE APPLICATIONS

N. I. S.



TYPE III SILT FENCE



NOTES:
1. MAINTENANCE SHALL BE MAINTAINED IN A MANNER THAT WILL PREVENT TRACKING OF MUD OR SAND TO ADJACENT AREAS. THIS SHALL BE DONE BY REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY. THIS SHALL BE DONE BY REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

REVISIONS:				
SHEET NO.:	07-239	PROJECT:	MICHAEL WJUTUNIAK, P.E. P.E. NO. 60934 220 SOUTH WOODLAND BOULEVARD SUITE D DELAND, FL 32720 PHONE: 386-734-0830 EMAIL: mwojtuniak@epieng.net	
SCALE:	1/2" = 1'	DATE:	12/21/07	
FILE NAME:	SMPPFB08.DWG	DRAWN BY:	EPI	
PROJECT NO.:	07-239			
	9 OF 11			



ENGINEERED PERMITS, INC.
220 SOUTH WOODLAND BOULEVARD
SUITE D
DELAND, FL 32720
PHONE: 386-734-0830
CERT. NO. 26298

SHEET TITLE:
STORMWATER POLLUTION PREVENTION PLAN