

## **Request for Bids**

### **City of Walnut Grove Park Street Streambank Stabilization**

July 28, 2021

Sealed bids will be received by the City of Walnut Grove, Georgia, for furnishing all materials, labor, tools, equipment, and any other miscellaneous items necessary for the Park Street Streambank Stabilization. The City of Walnut Grove is located in southwest Walton County.

**Bids should be submitted to Walnut Grove City Clerk no later than 2:00 P.M. on Thursday, August 26, 2021.** Submit bids via email to [cityclerk@cityofwalnutgrove.com](mailto:cityclerk@cityofwalnutgrove.com) or deliver to Walnut Grove City Hall, 2581 Leone Avenue, Loganville, GA 30052. Any bids received after said time and date will not be considered by the City of Walnut Grove. Bids will be publicly opened and read aloud at this time and location. All bids will be evaluated by the City of Walnut Grove and the project will be awarded, if it is awarded, within 45 days of the bid opening.

**Copies of documents and plans can be obtain on the Georgia Procurement Registry website.**

Questions regarding this request for bids should be emailed directly to Natalie Pifer, Precision Planning, Inc. at [861np@ppi.us](mailto:861np@ppi.us) no later than 2:00 P.M. Thursday, August 19, 2021.

The successful contractor must provide proof of workers compensation and liability insurance with the City of Walnut Grove named as additional insured. The City of Walnut Grove reserves the right to waive any informalities or to reject any or all bids, and to accept any Bid which in its opinion may be in the best interest of the City.

A Contractor Affidavit verifying compliance with the Federal Work Authorization Program known as E-Verify must be submitted with each bid. This form must be notarized.

CONTRACTORS and SUBCONTRACTORS will be required to comply with all Federal, State, and local laws.

**Mark Moore, Mayor**  
City of Walnut Grove

## **GENERAL CONDITIONS**

No bids received after said time or at any place other than the time and place as stated in the notice shall be considered. No responsibility shall attach to the City of Walnut Grove for the premature opening of a bid not properly addressed and identified.

### **WITHDRAWAL OF BID:**

A bidder may withdraw his proposal before the expiration of the time during which proposals may be submitted without prejudice to the proposer, by submitting a written request of withdrawal to the City of Walnut Grove.

### **REJECTION OF BID:**

The City of Walnut Grove may reject any and all bids, and must reject a bid of any party who has been delinquent or unfaithful in any formal contract with the City of Walnut Grove. The City of Walnut Grove shall be the sole judge as to which proposal is best, and, in ascertaining this, will take into consideration the business integrity, financial resources, facilities for performing the work, past references and experience in similar operations of the various contractors.

### **STATEMENT OF EXPERIENCE AND QUALIFICATIONS:**

The Contractor may be required, upon request, to prove to the satisfaction of the City of Walnut Grove that he/she has the skill and experience and the necessary facilities and ample financial resources to perform the contract in a satisfactory manner and within the required time. If the available evidence of competency of any Contractor is not satisfactory, the proposal of such Contractor may be rejected.

### **NON-COLLUSION:**

By submitting a bid, the Contractor represents and warrants that such bid is genuine and not collusive or made in the interest or in behalf of any person not therein named, and that the Contractor has not in any manner sought by collusion to secure any advantage.

### **DOCUMENTS DEEMED PART OF THE CONTRACT:**

The notice, request for bids, general conditions, special conditions, specifications, purchase order and addenda, if any, will be deemed part of the contract. By submitting a bid, the Contractor agrees that all work shall be completed in accordance with Georgia DOT and Georgia EPD Standards.

### **SUBCONTRACTS:**

Bidder is specifically advised that any person, firm or other party to whom it is proposed to award a subcontract must be acceptable to the City of Walnut Grove.

## **GENERAL CONDITIONS** (Page Two)

### **CHANGE ORDERS:**

No oral statement of any person shall modify or otherwise change or affect the terms, conditions or specifications. All change orders to the agreement will be made in writing and shall not be effective unless signed by an authorized representative of the City of Walnut Grove.

### **CONSTRUCTION STANDARDS AND SPECIFICATIONS:**

Contractor shall provide mobilization, traffic control, site grading, remove, haul and dispose of approximately 150 cubic yards of unsuitable/spoil materials, install and maintain turbidity curtain, approximately 300 square yards of slope matting, install approximately 50 tons of rip rap, 0.2 acres of grassing, cleanup and erosion control in accordance with Georgia DOT and Georgia EPD Standards.

### **MEASUREMENT AND PAYMENT:**

All labor, materials, equipment and items incidental to the work shall be included in the total lump sum price. A 10% retainage will be withheld on all monthly pay requests until final project completion.

## **BID SPECIFICATIONS AND INSTRUCTIONS**

**Scope of Work:** The Contractor shall provide for furnishing all materials, labor, tools, equipment, and any other miscellaneous items necessary for the completion of the Park Street Streambank Stabilization project as specified in the construction drawings.

**Project Management/Inspections:** Project management and inspection will be provided by the City of Walnut Grove and/or Precision Planning, Inc.

**Schedule:** All work shall be completed no later than November 15, 2021. Prior to commencing the work, the Contractor shall provide a written schedule to the City of Walnut Grove regarding the sequence of the work. The Contract shall include a provision for liquidated damages to be assessed at the rate of \$500 per calendar day for late completion beyond November 15, 2021.

**Traffic Control:** Contractor shall be responsible for Traffic Control, in accordance with Georgia DOT Standards, and shall provide all signage, personnel and miscellaneous equipment. If closure of the road is permitted by the City of Walnut Grove, the Contractor shall provide, install and maintain all required signage and traffic control devices for required detours per GaDOT Standards.

**Safety:** Contractor shall be responsible for jobsite safety, and the safety of the traveling and general public within the work zone.

**Access/Cleanup/Disposal:** Contractor shall be responsible for coordinating access to private property during the execution of the work, and for cleanup of any debris resulting from the project on adjacent private property or within public right-of-way.

**BID FORM**

**City of Walnut Grove  
Park Street Streambank Stabilization  
DUE: 2:00 P.M., Thursday, August 26, 2021**

Item #	Item Description	Unit	Est. Qty.	Unit Price	Total Price
1	Mobilization & Demobilization	LS	1		
2	Import / Haul Off Unsuitable Material	CY	150		
3	Rip Rap	TN	50		
4	Erosion Control Matting	SY	300		
5	Grassing	AC	0.2		
6	Turbidity Curtain	EA	1		

Total for Items 1 thru 6, the amount of:

\_\_\_\_\_ Dollars (\$\_\_\_\_\_)

Bid received from: (Company) \_\_\_\_\_

(Address) \_\_\_\_\_

\_\_\_\_\_

(Phone) \_\_\_\_\_

\_\_\_\_\_  
Authorized representative  
(Print or type name and title)

\_\_\_\_\_  
Authorized Representative  
(Signature)

CONTRACTOR AFFIDAVIT UNDER O.C.G.A. § 13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of the City of Walnut Grove, Georgia has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). The undersigned contractor further agrees to maintain records of such compliance and to provide a copy of each such verification to the City of Walnut Grove, Georgia at the time the subcontractor(s) is retained to perform such service. Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

\_\_\_\_\_  
Federal Work Authorization  
User Identification Number

\_\_\_\_\_  
By: Authorized Officer or Agent (Contractor Name)

\_\_\_\_\_  
Date of Authorization

\_\_\_\_\_  
Title of Authorized Officer or Agent of Contractor

\_\_\_\_\_  
Name of Contractor

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

Park Street Streambank Stabilization  
Name of Project

City of Walnut Grove, Georgia  
Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

This \_\_\_\_ day of \_\_\_\_\_, 2021.

Sworn to and subscribed before me this  
\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

## BIDDER EXPERIENCE STATEMENT

All questions must be answered and the date given must be clear and comprehensive. This instrument must be notarized. If necessary, questions may be answered on separate attached sheets. The Bidder may submit any additional information he desires. Attach all additional sheets to these Contract Documents.

1. Business Name: \_\_\_\_\_  
\_\_\_\_\_
2. Permanent main office address: \_\_\_\_\_  
\_\_\_\_\_
3. When organized: \_\_\_\_\_
4. If a corporation, where incorporated: \_\_\_\_\_  
  
Federal I.D. Number: \_\_\_\_\_
5. How many years have you been engaged in the contracting business under your present firm or trade name? \_\_\_\_\_
6. General character of work performed by your company: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Have you ever failed to complete any work awarded to you? \_\_\_\_\_  
If so, where and why? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. List any project of similar scope and complexity that your organization has completed or has in progress as of the date of receiving Bids (must provide **valid email address** of Owner or Engineer):

<i>Location</i>	<i>Contract Amount</i>	<i>Date Complete</i>	<i>% Complete</i>	<i>Name &amp; Address of Owner's Engineer</i>	<i>Email / Phone</i>

(Use additional pages if needed. Please attached hereto)

9. Background and experience of the principal members of your organization, including officers. (Include Company Resume if available)
10. Credit available: \$\_\_\_\_\_
11. Give Bank reference (Name, Address, Contact Person, Phone Number, Fax Number):  
 \_\_\_\_\_  
 \_\_\_\_\_
- So that we may verify your banking reference, please sign below for authorization:**  
 \_\_\_\_\_ (Signature)
12. Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by OWNER? \_\_\_\_\_

13. The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested by OWNER in verification of the recitals comprising this Statement of Bidder's Qualifications.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2021

\_\_\_\_\_  
Name of Contractor

By \_\_\_\_\_

Title \_\_\_\_\_

State of \_\_\_\_\_

County of \_\_\_\_\_

\_\_\_\_\_ being duly sworn deposes and says that he is  
\_\_\_\_\_ of \_\_\_\_\_ and that  
the answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2021

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires: \_\_\_\_\_



PARK STREET STREAM BANK STABILIZATION  
PARK STREET  
WALNUT GROVE, GA 30052

**33°49'29.27"N**

**AREA OF MINIMAL FLOOD HAZARD**  
Zone X  
13297 CD125E  
eff. 12/8/2016

**Zone A**

**CITY OF WALNUT GROVE**  
130413

**\* SITE**

**13297 CD225E**  
eff. 12/8/2016

**Zone A**

**WALTON COUNTY**  
130185

**USGS The National Map. Orthorectified Data released April 2019**

**0 250 500 1,000 1,500 2,000 Feet**

**16,000**

**33°49'29.34"N**

**711463**

**SEE FIRM REPORT FOR DETAILED LEGEND AND INVENTORY MAP FOR FIRM PANEL LOCATIONS**

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE)  
Zone A, X, or Depth
- With BFE or Depth  
Zone A, X, or Depth
- Regulatory Floodway

**OTHER AREAS OF FLOOD HAZARD**

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Flood Risk due to Levees. See Notes, Zone 5
- Area with Flood Risk due to Levees

**OTHER AREAS**

- Area of Minimal Flood Hazard
- Effective LOMs
- Area of Undetermined Flood Hazard

**GENERAL STRUCTURES**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

**OTHER FEATURES**

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Coastal Transsect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transsect Baseline
- Profile Baseline
- Hydrographic Feature

**MAP PANELS**

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The base map shown complies with FEMA's base map accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/6/2020 at 2:25:50 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if one or more of the following map elements do not appear: banner map image, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmapped areas cannot be used for regulatory purposes.

## UTILITY DISCLAIMER

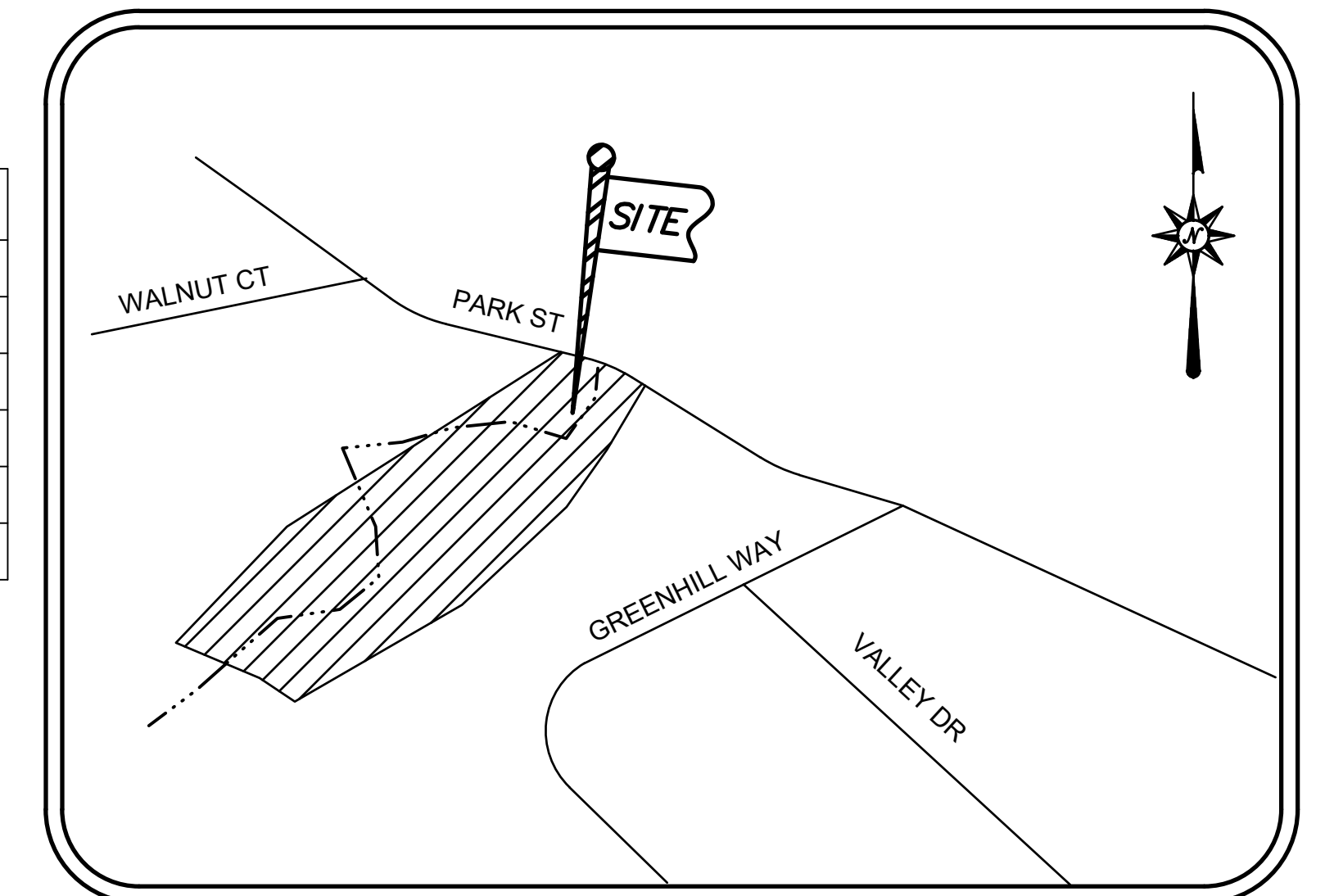
INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE OWNERS, ENGINEERS, ARCHITECTS, CONTRACTORS AND SUBCONTRACTORS OF THE STRUCTURES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS AND HIS CONTRACTORS SHALL HEREBY DISTINCTLY AND SEPARATELY WAIVE AND BE NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION.

CONTRACTORS SHALL CONDUCT ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) AND ALL LOCAL, STATE AND FEDERAL RULES AND REGULATIONS. PROPER SAFETY PROCEDURES ARE OF SPECIAL CONCERN ON THIS PROJECT CONSIDERING THAT WORKERS WILL BE IN OPEN TRENCHES FOR A PORTION OF THE SCOPE OF WORK THIS SITE.

OBSTRUCTIONS ENCOUNTERED

[illegible]

Sheet List Table	
Sheet Number	Sheet Title
C1.0	Cover Sheet
C2.0	GRADING, EROSION CONTROL PLAN, EROSION CONTROL DETAILS
C3.0	EROSION CONTROL DETAILS
C4.1	EROSION CONTROL NOTES
C4.2	EROSION CONTROL NOTES



VICINITY MAP

**OWNER / DEVELOPER**

CITY OF WALNUT GROVE  
2581 LEONE AVENUE  
LOGANVILLE, GA 30052  
CONTACT: HON. LAMAR LEE  
PHONE: 770-787-0046  
EMAIL: [MAYOR@WALNUTGROVEGEORGIA.COM](mailto:MAYOR@WALNUTGROVEGEORGIA.COM)

## ENGINEER

PRECISION PLANNING, INC.  
400 PIKE BOULEVARD  
LAWRENCEVILLE, GA 30046  
CONTACT: TODD PARKER  
PHONE: 770-338-8000  
EMAIL: 707TP@PPI.US

**CONSTRUCTION EXIT GPS LOCATIONS:**  
LAT: N 33.748422  
LONG: W 83.860022

PROJECT DATE: 09/10/2019

PROJECT: EXHIBIT 10-12-10		
09.10.19		PLAN SUBMITTED FOR REVIEW
DATE	No.	DESCRIPTION

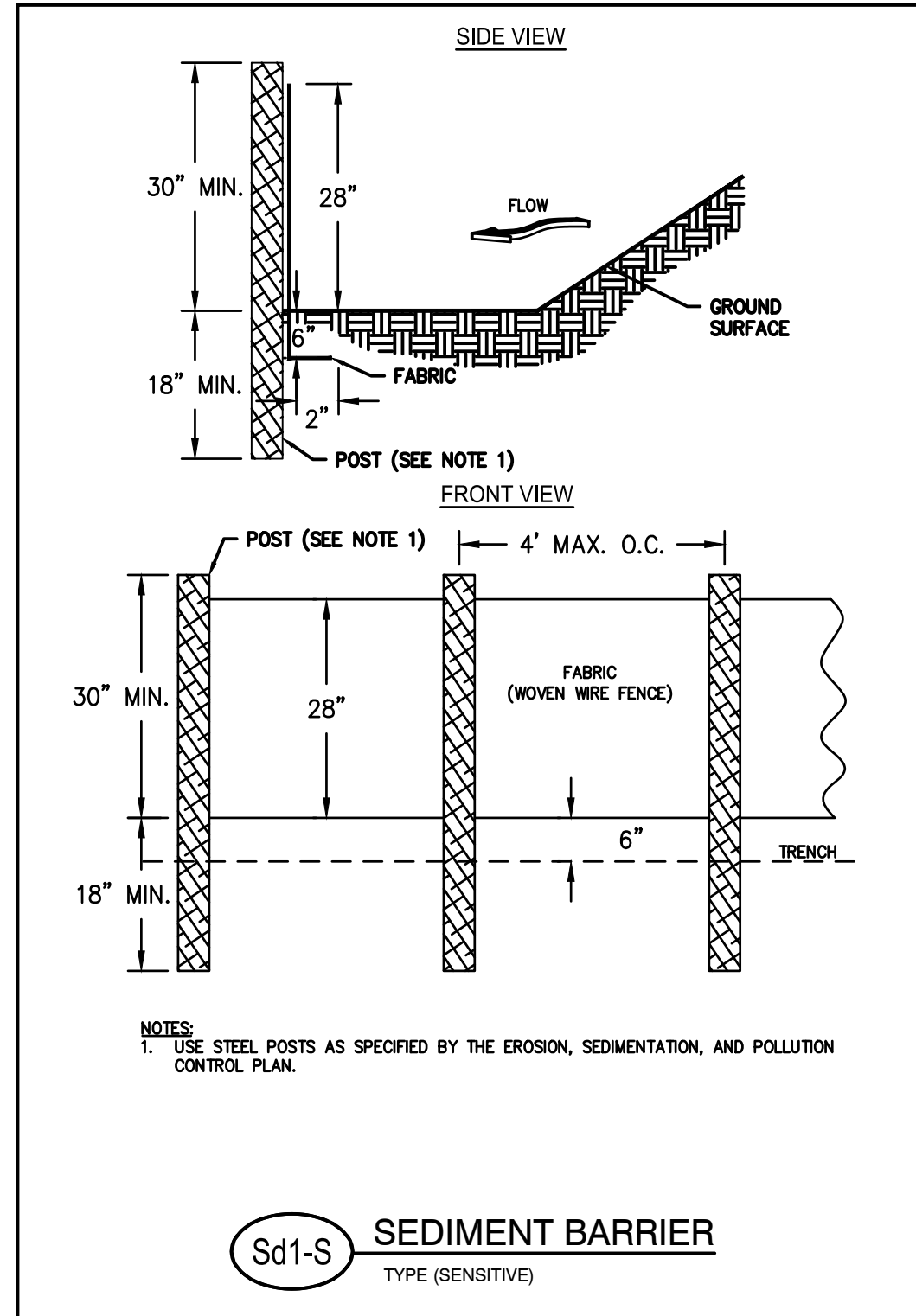
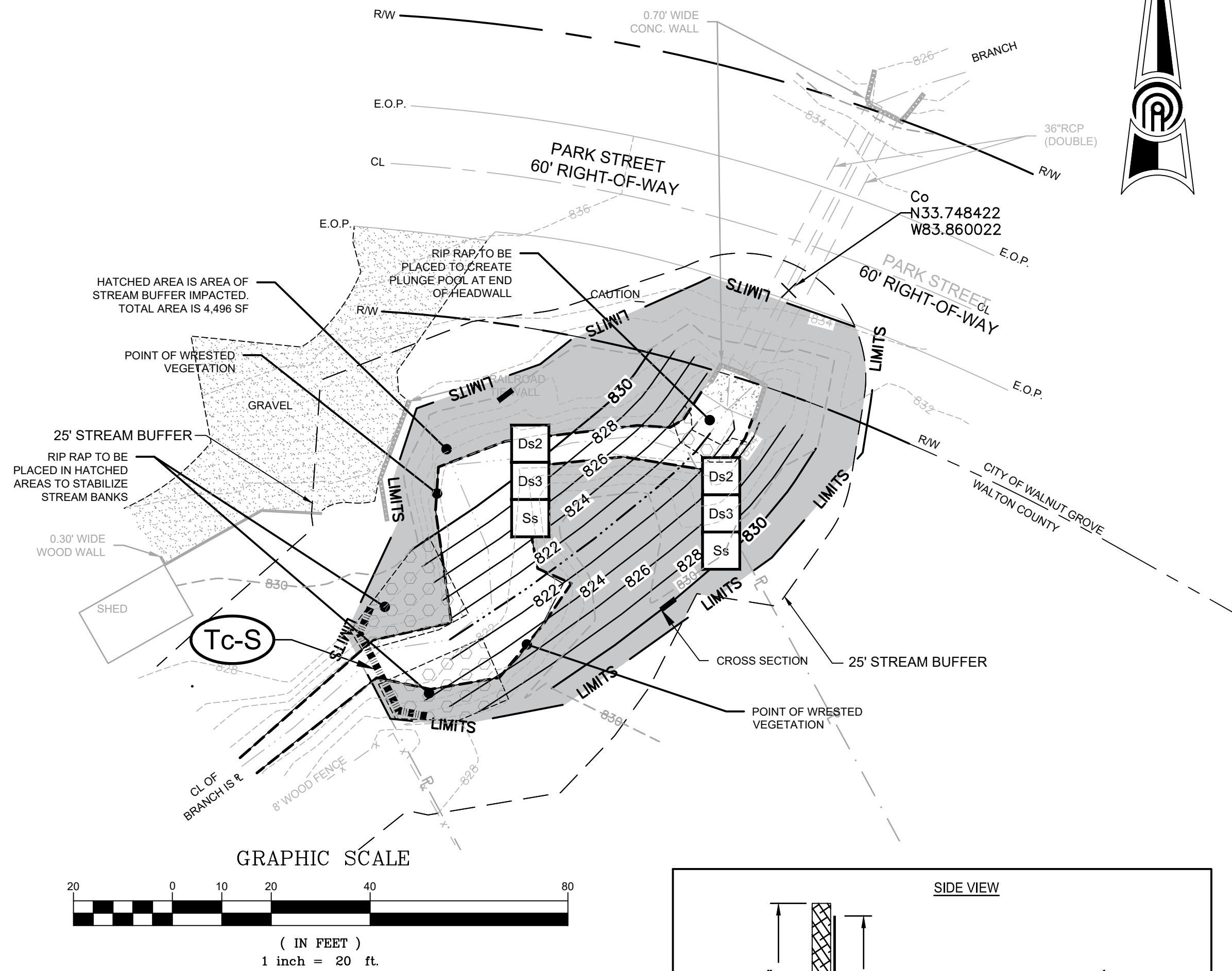


**Know what's below.**  
Call before you dig.





Know what's below.  
Call before you dig.



## EROSION CONTROL LEGEND

<b>Sd1-S</b> SILT FENCE (TYPE "S")	<b>Ds2</b> DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
<b>Ss</b> SLOPE STABILIZATION	<b>Ds3</b> DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

### DEFINITION

THE ESTABLISHMENT OF TEMPORARY COVER WITH FAST GROWING SEEDINGS FOR SEASONAL PROTECTION ON DISTURBED OR DENUDEED AREAS.

### CONDITIONS

TEMPORARY GRASSING, INSTEAD OF MULCH, CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN SIX MONTHS. TEMPORARY VEGETATION MEASURES SHOULD BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL AND EFFECTIVE STABILIZATION. MOST TYPES OF TEMPORARY VEGETATION ARE IDEAL TO USE AS COMPANION CROPS UNTIL PERMANENT VEGETATION IS ESTABLISHED.

### SEEDING RATES FOR TEMPORARY SEEDING

SPECIES	RATE PER 1,000 SQ. YDS.	RATE PER ACRE	PLANTING DATES***
RYE	1.2 bu	3 bu	9/1 - 3/1
RYEGRASS	0.9 lbs	40 lbs	8/15 - 4/1
ANNUAL LESPEDEZA	0.9 lbs	40 lbs	1/15 - 3/15
WEEPING LOVE GRASS	0.1 lbs	4 lbs	2/15 - 6/15
SUDANGRASS	1.4 lbs	60 lbs	3/1 - 8/1
BROWNTOP MILLET	0.9 lbs	40 lbs	4/1 - 7/15
WHEAT	4.1 lbs	3 bu	9/15 - 2/1

### CONSTRUCTION SPECIFICATIONS

#### GRADING AND SHAPING

EXCESSIVE WATER RUNOFF SHALL BE REDUCED BY PROPERLY DESIGNED AND INSTALLED EROSION CONTROL PRACTICES SUCH AS CLOSED DRAINS, DITCHES, DIKES, DIVERSIONS, SEDIMENT BARRIERS AND OTHERS.

NO SHAPING OR GRADING IS REQUIRED IF SLOPES CAN BE STABILIZED BY HANDSEEDING VEGETATION OR IF HYDRAULIC SEEDING EQUIPMENT IS TO BE USED.

#### SEEDBED PREPARATION

WHEN A HYDRAULIC SEEDER IS USED, SEEDBED PREPARATION IS NOT REQUIRED. WHEN USING CONVENTIONAL OR HANDSEEDING, SEEDBED PREPARATION IS NOT REQUIRED IF THE SOIL MATERIAL IS LOOSE AND NOT SEALED BY RAINFALL.

WHEN SOIL HAS BEEN SEALED BY RAINFALL OR CONSISTS OF SMOOTH CUT SLOPES, THE SOIL SHALL BE PITTED, TRENCHED OR OTHERWISE SCARIFIED TO PROVIDE A PLACE FOR SEED TO LODGE AND GERMINATE.

#### LIME AND FERTILIZER

AGRICULTURAL LIME IS REQUIRED UNLESS SOIL TESTS INDICATE OTHERWISE. APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE. GRADED AREAS REQUIRE LIME APPLICATION. SOILS CAN BE TESTED TO DETERMINE IF FERTILIZER IS NEEDED. ON REASONABLY FERTILE SOILS OR SOIL MATERIAL, FERTILIZER IS NOT REQUIRED. FOR SOILS WITH VERY LOW FERTILITY, 500 TO 700 POUNDS OF 10-10-10 FERTILIZER OR THE EQUIVALENT PER ACRE (1216 LBS./1,000 SQ. FT.) SHALL BE APPLIED. FERTILIZER SHOULD BE APPLIED BEFORE LAND PREPARATION AND INCORPORATED WITH A DISK, RIPPER OR CHISEL.

#### SEEDING

SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE YEAR. SEED SHALL BE APPLIED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDRAULIC SEEDER (SLURRY INCLUDING SEED AND FERTILIZER). DRILL OR CULTIPACKER SEEDERS SHOULD NORMALLY PLACE SEED ONE-QUARTER TO ONE-HALF INCH DEEP. APPROPRIATE DEPTH OF PLANTING IS TEN TIMES THE SEED DIAMETER. SOIL SHOULD BE "RAKED" LIGHTLY TO COVER SEED WITH SOIL IF SEED BY HAND.

#### MULCHING

TEMPORARY VEGETATION CAN, IN MOST CASES, BE ESTABLISHED WITHOUT THE USE OF MULCH. MULCH WITHOUT SEEDING SHOULD BE CONSIDERED FOR SHORT-TERM PROTECTION. REFER TO DS1 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY).

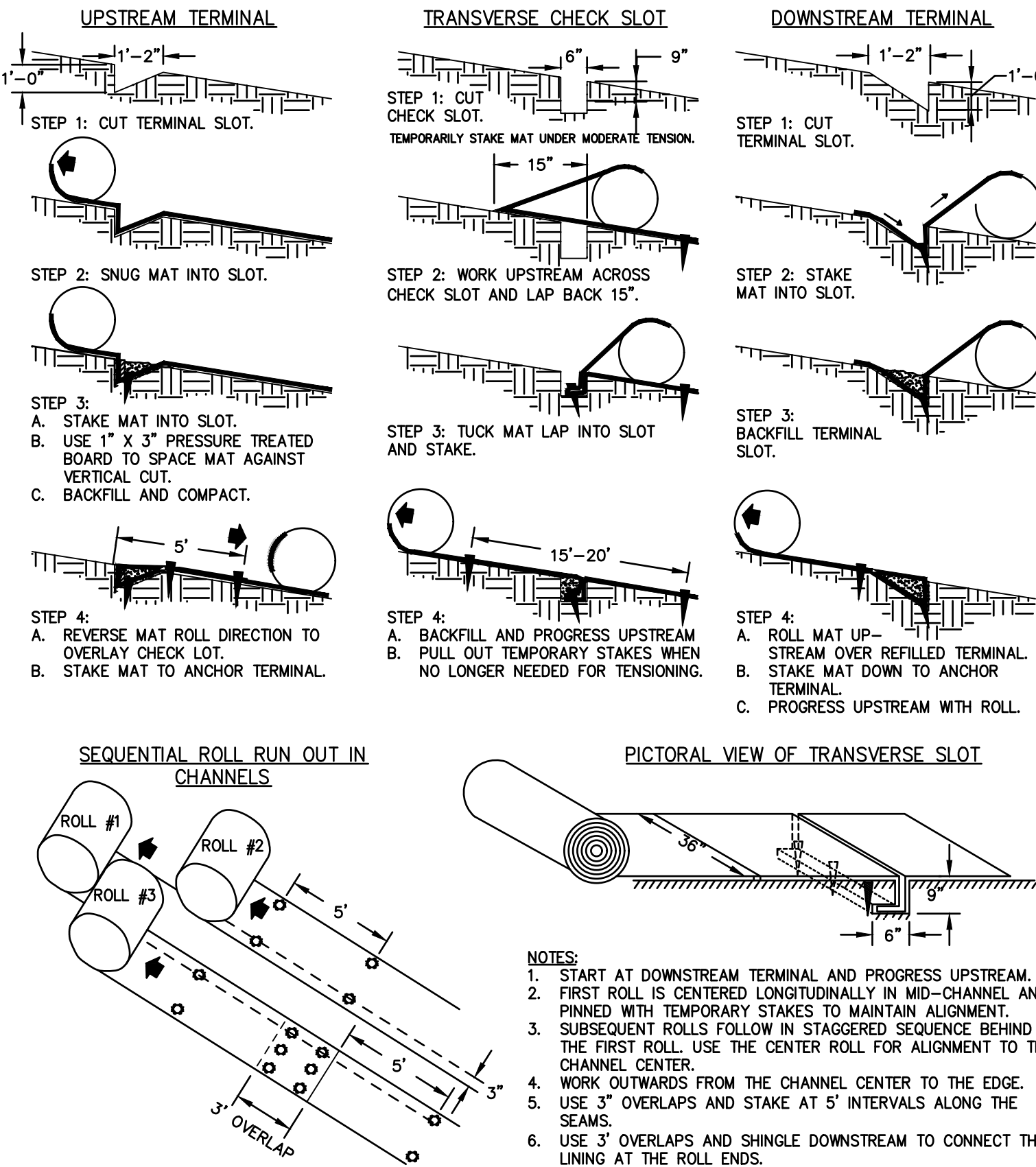
#### IRRIGATION

DURING TIMES OF DROUGHT, WATER SHALL BE APPLIED AT A RATE NOT CAUSING RUNOFF AND EROSION. THE SOIL SHALL BE THOROUGHLY WETTED TO A DEPTH THAT WILL INSURE GERMINATION OF THE SEED. SUBSEQUENT APPLICATIONS SHOULD BE MADE WHEN NEEDED.

**Ds2** DISTURBED AREA STABILIZATION (WITH TEMPORARY VEGETATION)

## TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

### BLANKET AND MATTING CROSS-SECTIONS



**Ss**

## SLOPE STABILIZATION

TYPE (BLANKET AND MATTING)

### PETROLEUM SPILL PREVENTION AND CONTAINMENT:

1. PREVENTATIVE MAINTENANCE SUCH AS TIMELY INSPECTIONS OF FUEL STORAGE TANKS AND PUMPS SHALL BE PERFORMED TO REDUCE THE RISK OF PETROLEUM SPILLS.
2. PETROLEUM SPILLS SHALL BE IMMEDIATELY CONTAINED. ALL INLETS MUST BE PLUGGED IMMEDIATELY, AND THE PETROLEUM DIRECTED AWAY FROM RECEIVING WATERS OR STORM DRAINAGE SYSTEMS. CLEANUP MAY BE ACCOMPLISHED BY, BUT IS NOT LIMITED TO, SWEEPING, SHOVELING, AND VACUUMING ALONG WITH THE USE OF SORBENTS AND GELS.
3. ANY CONTAMINATED SOILS MUST BE REMOVED FROM THE SITE IMMEDIATELY AND REPLACED WITH SOIL OF SIMILAR PROPERTIES.

### CONCRETE WASH DOWN:

1. NO CONCRETE WASHDOWN OF THE DRUM WILL BE ALLOWED WITHIN THE PROJECT SITE AREA THROUGHOUT THE DURATION OF THE PROJECT.
2. AN AREA HAS BEEN INDICATED ON THE PLANS FOR WASH DOWN OF TOOLS FOR CONCRETE INSTALLATION.

#### CONSTRUCTION EXIT GPS LOCATIONS:

LAT: N 33.748422  
LONG: W 83.860022

TOTAL PROJECT AREA N/A  
DISTURBED AREA 0.138 AC.

#### 24-HOUR EMERGENCY CONTACT:

MAYOR MARK MOORE  
770-787-0046

#### OWNER / DEVELOPER

CITY OF WALNUT GROVE  
2581 LEONE AVENUE  
LOGANVILLE, GA 30052  
CONTACT: HON. LAMAR LEE  
PHONE: 770-787-0046  
EMAIL: MAYOR@WALNUTGROVEGEORGIA.COM

#### ENGINEER

PRECISION PLANNING, INC.  
400 PIKE BOULEVARD  
LAWRENCEVILLE, GA 30046  
CONTACT: TODD PARKER  
PHONE: 770-338-8800  
EMAIL: 707TP@PPI.US



GRADING, EROSION  
CONTROL PLAN,  
EROSION CONTROL  
DETAILS

DATE	NO.	DESCRIPTION
08/10/19	1	ISSUED FOR APPROVAL

09/10/2019

DATE

04-299

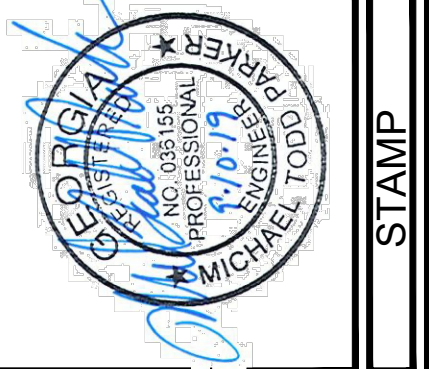
PPI PROJECT NO.

RELEASE

C2.0

**PRECISION**  
Planning Inc.  
planners • engineers • architects • surveyors

400 Pike Boulevard, Lawrenceville, Ga 30046  
770.338.8000 • www.ppi.us



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FILE PATH: W:\SDSR\PROJ\0499\DWG\PARK ST PARK EXHIBIT\0499\_C049\_EROSION CONTROL NOTES DWG - 2021-07-19 - MATI DETWEILER  
PLOT DATE: 7/19/2021 1:24 PM

b. Storm water management.

This plan describes measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. These structural measures should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA. This permit only addresses the installation of storm water management measures, and not the ultimate operation and maintenance of such structures after the construction activities have been completed and the site has undergone final stabilization. Operators are only responsible for the installation and maintenance of storm water management measures prior to final stabilization of the site, and are not responsible for maintenance after storm water discharges associated with construction activity have been eliminated from the site.

- (1). Such practices may include: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on-site, and sequential systems (which combine several practices). This Plan has included an explanation of the technical basis used to select the practices to control pollution where flows exceed pre-development levels.
- (2). Velocity dissipation shall be placed at discharge locations and along the length of any outfall channel for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., no significant changes in the hydrological regime of the receiving water(s)).

SEE PAGE C 5.7 FOR VELOCITY IN PIPE CHART. PIPE DISCHARGES INTO A DRAINAGE SYSTEM.

- (3). Installation and use of Green Infrastructure approaches and practices that mimic natural processes and direct storm water where it can be infiltrated, evapotranspired or re-used with significant utilization of soils and vegetation rather than traditional hardscape collection, conveyance and storage structures are encouraged to the maximum extent practicable. Green Infrastructure practices or approaches include permeable or porous paving, vegetated swales instead of curbs and gutters, green roofs, tree boxes, rain gardens, constructed wetlands, infiltration planters, vegetated median strips, protection and enhancement of riparian buffers and floodplains, and the overall reduction in site disturbance and impervious area.

c. Other controls.

- (1). Waste disposal. Locate waste collection areas away from streets, gutters, watercourses and storm drains. Waste collection areas, such as dumpsters, are often best located near construction site entrances to minimize traffic on disturbed soils. Secondary containment around liquid waste collection areas is required to further minimize the likelihood of contaminated discharges. Solid materials, including building materials, shall not be discharged to waters of the State, except as authorized by a Section 404 permit.
- (2). Off-site vehicle tracking of dirt, soils, and sediments and the generation of dust shall be minimized or eliminated to the maximum extent practical. The Plan shall the best management practice to be implemented at the site or construction activity.
- (3). Nothing in this permit relieves a permittee from any obligation to comply with all applicable State and local regulations of waste disposal, sanitary sewer, septic and petroleum storage systems.
- (4). The Plan shall include best management practices for the remediation of all petroleum spills and leaks as appropriate.
- (5). This Plan includes best management practices for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of vehicles. Washout of the drum at the construction site is prohibited.

4. Inspections.

a. Primary Permittee.

- (1). Each day when any type of construction activity has taken place at a primary permittee's site, certified personnel provided by the primary permittee shall inspect: (a) all areas at the primary permittee's site where petroleum products are stored, used, or handled for spills and leaks from vehicles and equipment and (b) all locations at the primary permittee's site where vehicles enter or exit the site for evidence of off-site sediment tracking. These inspections must be conducted until a Notice of Termination is submitted.
- (2). Measure rainfall once every 24 hours except any non-working Saturday, non-working Sunday and non-working Federal holiday until a Notice of Termination is submitted . Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region.
- (3). Certified personnel (provided by the primary permittee) shall inspect the following at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater (unless such storm ends after 5:00 PM on any Friday or on any non-working Saturday, non-working Sunday or any non-working Federal holiday in which case the inspection shall be completed by the end of the next business day and/or working day , whichever occurs first): (a) disturbed areas of the primary permittee's construction site ; (b) areas used by the primary permittee for storage of materials that are exposed to precipitation ; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). For areas of a site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region, the permittee must comply with Part IV.D.4.a.(4). These inspections must be conducted until a Notice of Termination is submitted.
- (4). Certified personnel (provided by the primary permittee) shall inspect at least once per month during the term of this permit (i.e., until a Notice of Termination is submitted to EPD) the areas of the site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage system and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s).
- (5). Based on the results of each inspection, the site description and the pollution prevention and control measures identified in the Erosion, Sedimentation and Pollution Control Plan, the Plan shall be revised as appropriate not later than seven (7) calendar days following each inspection. Implementation of such changes shall be made as soon as practical but in no case later than seven (7) calendar days following each inspection.
- (6). A report of each inspection that includes the name(s) of certified personnel making each inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5), of the permit shall be made and retained at the site or be readily available at a designated alternate location until the entire site or that portion of a construction project that has been phased has undergone final stabilization and a Notice of Termination is submitted to EPD. Such reports shall be readily available by end of the second business day and/or working day and shall identify all incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where the report does not identify an incident, the inspection report shall contain a certification that the best management practices are in compliance with the Erosion, Sedimentation and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2 of this Permit.

a. Sampling Requirements shall include the following :

- (1). A USGS topographic map, a topographic map or a drawing (referred to as a topographic map) that is a scale equal to or more detailed than a 1:24000 map showing the location of the site or the stand alone construction; (a) the location of all perennial and intermittent streams and other water bodies as shown on a USGS topographic map, and all other perennial and intermittent streams and other water bodies located during mandatory field verification , into which the storm-water is discharged and (b) the receiving water and/or outfall sampling locations. When the permittee has chosen to use a USGS topographic map and the receiving water(s) is not shown on the USGS topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map from where the storm water(s) enters the receiving water(s) to the point where the receiving water(s) combines with the first blue line stream shown on the USGS topographic map;
- (2). A written narrative of site specific analytical methods used to collect, handle and analyze the samples including quality control/quality assurance procedures. This narrative must include precise sampling methodology for each sampling location;
- (3). When the permittee has determined that some or all outfalls will be sampled, a rationale must be included on the Plan for the NTU limit(s) selected from Appendix B. This rationale must include the size of the construction site, the calculation of the size of the surface water drainage area , and the type of receiving water(s) (i.e., trout stream or supporting warm water fisheries); and
- (4). Any additional information EPD determines necessary to be part of the Plan. EPD will provide written notice to the permittee of the information necessary and the time line for submittal.

a. Sample Type.

All sampling shall be collected by "grab samples" and the analysis of these samples must be conducted in accordance with methodology and test procedures established by 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD.

- (1). Sample containers should be labeled prior to collecting the samples.
- (2). Samples should be well mixed before transferring to a secondary container.
- (3). Large mouth, well cleaned and rinsed glass or plastic jars should be used for collecting samples . The jars should be cleaned thoroughly to avoid contamination.
- (4). Manual, automatic or rising stage sampling may be utilized. Samples required by this permit should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the next business day after their accumulation, unless flow through automated analysis is utilized. If automatic sampling is utilized and the automatic sampler is not activated during the qualifying event , the permittee must utilize manual sampling or rising stage sampling during the next qualifying event. Dilution of samples is not required. Samples may be analyzed directly with properly calibrated turbidimeter. Samples are not required to be cooled.
- (5). Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this permit must be reported to EPD as specified in Part IV.E.

c. Sampling Points.

- (1). For construction activities the primary permittee must sample all receiving water(s), or all outfall(s), or a combination of receiving water(s) and outfall(s). Samples taken for the purpose of compliance with this permit shall be representative of the mean sediment and sedimentation rate and the water quality of the receiving water(s) and/or the storm water outfalls using the following minimum guidelines :
  - (a). The upstream sample for each receiving water(s) must be taken immediately upstream of the confluence of the first storm water discharge from the permitted activity (i.e., the discharge farthest upstream at the site) but downstream of any other storm water discharges not associated with the permitted activity. Where appropriate, several upstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the upstream turbidity value.
  - (b). The downstream sample for each receiving water(s) must be taken downstream of the confluence of the last storm water discharge from the permitted activity (i.e., the discharge farthest downstream at the site) but upstream of any other storm water discharge not associated with the permitted activity. Where appropriate, several downstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the downstream turbidity value.
  - (c). Ideally the samples should be taken from the horizontal and vertical center of the receiving water(s) or the storm water outfall channel(s).
  - (d). Care should be taken to avoid stirring the bottom sediments in the receiving water(s) or in the outfall storm water channel.
  - (e). The sampling container should be held so that the opening faces upstream.
  - (f). The samples should be kept free from floating debris .
  - (g). Permittees do not have to sample sheetflow that flows onto undisturbed natural areas or areas stabilized by the project. For purposes of this section , stabilized shall mean, for unpaved areas and areas not covered by permanent structures and areas located outside the waste disposal limits of a landfill cell that has been certified by EPD for waste disposal , 100% of the soil surface is uniformly covered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with landscaping materials in planned landscaped areas) or equivalent permanent stabilization measures as defined in the Manual (excluding a crop of annual vegetation and seeding of target crop perennials appropriate for the region).
- (2). Sampling Frequency.
  - (1). The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying event, the permittee shall sample at the beginning of any storm water discharge to a monitored receiving water and/or from a monitored outfall within forty-five (45) minutes or as soon as possible .
  - (2). However , where manual and automatic sampling are impossible (as defined in this permit), or are beyond the permittee's control, the permittee shall take samples as soon as possible, but in no case more than twelve (12) hours after the beginning of the storm water discharge .
  - (3). Sampling by the permittee shall occur for the following qualifying events:
    - (a). For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit after all clearing and grubbing operations have been completed, but prior to completion of mass grading operations, in the drainage area of the location selected as the sampling location;
    - (b). In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit either 90 days after the first sampling event or after all mass grading operations have been completed, but prior to submittal of a NOT, in the drainage area of the location selected as the sampling location, whichever comes first.
    - (c). At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours" until the selected turbidity standard is attained, or until post-storm event inspections determine that BMPs are properly designed, installed and maintained;
    - (d). Where sampling pursuant to (a), (b) or (c) above is required but not possible (or not required because there was no discharge), the primary permittee, in accordance with Part IV.D.4.a.(6), or the tertiary permittee, in accordance with Part IV.D.4.c.(6), must include a written justification in the inspection report of why sampling was not performed. Providing this justification does not relieve the permittee of any subsequent sampling obligations under (a), (b) or (c) above; and
    - (e). Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met the sampling required by (a) above shall sample in accordance with (b). Those existing construction activities that have met the sampling required by (b) above shall not be required to conduct additional sampling other than as required by (c) above.

SAMPLING POINT	NTU Limit Selected	Drainage Area	Type of Receiving Water
N/A	75 NTU	0–4.9 SQ MI	WARM

- (h). All sampling pursuant to this permit must be done in such a way (including generally accepted sampling methods, locations, timing, and frequency) as to accurately reflect whether storm water runoff from the construction site is in compliance with the standard set forth in Parts 111.D.3. or 111.D.4. , whichever is applicable.

d. Sampling Frequency.

- (1). The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying event, the permittee shall sample at the beginning of any storm water discharge to a monitored receiving water and/or from a monitored outfall within forty-five (45) minutes or as soon as possible .
- (2). However , where manual and automatic sampling are impossible (as defined in this permit), or are beyond the permittee's control, the permittee shall take samples as soon as possible, but in no case more than twelve (12) hours after the beginning of the storm water discharge .
- (3). Sampling by the permittee shall occur for the following qualifying events:

- (a). For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit after all clearing and grubbing operations have been completed, but prior to completion of mass grading operations, in the drainage area of the location selected as the sampling location;
- (b). In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit either 90 days after the first sampling event or after all mass grading operations have been completed, but prior to submittal of a NOT, in the drainage area of the location selected as the sampling location, whichever comes first.
- (c). At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours" until the selected turbidity standard is attained, or until post-storm event inspections determine that BMPs are properly designed, installed and maintained;
- (d). Where sampling pursuant to (a), (b) or (c) above is required but not possible (or not required because there was no discharge), the primary permittee, in accordance with Part IV.D.4.a.(6), or the tertiary permittee, in accordance with Part IV.D.4.c.(6), must include a written justification in the inspection report of why sampling was not performed. Providing this justification does not relieve the permittee of any subsequent sampling obligations under (a), (b) or (c) above; and
- (e). Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met the sampling required by (a) above shall sample in accordance with (b). Those existing construction activities that have met the sampling required by (b) above shall not be required to conduct additional sampling other than as required by (c) above.

\*Note that the Permittee may choose to meet the requirements of (a) and (b) above by collecting turbidity samples from any rain event that reaches or exceeds 0.5 inch and allows for sampling at any time of the day or week.

7. Non-storm water discharges. Except for flows from fire fighting activities, sources of non-storm water listed in Part 111.A.2. of this permit that are combined with storm water discharges associated with construction activity must be identified in the Plan. The Plan shall identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge.

A. Reporting.

- I. The applicable permittees are required to submit the sampling results to the EPD at the address shown in Part 111.C. by the fifteenth day of the month following the reporting period. Reporting periods are months during which samples are taken in accordance with this permit. Sampling results shall be in a clearly legible format. Upon written notification, EPD may require the applicable permittee to submit the sampling results on a more frequent basis. Sampling and analysis of any storm water discharge(s) or the receiving water(s) beyond the minimum frequency stated in this permit must be reported in a similar manner to the EPD. The sampling reports must be signed in accordance with Part V.G.2. Sampling reports must be submitted to EPD until such time as a NOT is submitted in accordance with Part VI.

1. All sampling reports shall include the following information:

- a. The rainfall amount, date, exact place and time of sampling or measurements;
- b. The name(s) of the certified personnel who performed the sampling and measurements;
- c. The date(s) analyses were performed;
- d. The time(s) analyses were initiated;
- e. The name(s) of the certified personnel who performed the analyses;
- f. References and written procedures, when available, for the analytical techniques or methods used;
- g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results;
- f. Results which exceed 1000 NTU shall be reported as "exceeds 1000 NTU;" and
- g. Certification statement that sampling was conducted as per the Plan.

3. All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate District Office of the EPD according to the schedule in Appendix A of this permit. The permittees shall retain a copy of the proof of submittal at the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part VI. If an electronic submittal is provided by EPD then the written correspondence may be submitted electronically; if required, a paper copy must also be submitted by return receipt certified mail or similar service.

F. Retention of Records.

1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

- a. A copy of all Notices of Intent submitted to EPD;
- b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;
- c. The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit;
- d. A copy of all sampling information, results, and reports required by this permit;
- e. A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;
- f. A copy of all violation summaries and violation summary reports generated in accordance with Part 111.D.2. of this permit; and
- g. Daily rainfall information collected in accordance with Part IV.D.4.a.(2) of this permit.

2. Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recording for contamination instrumentation) or other reports requested by EPD, Erosion, Sedimentation and Pollution Control Plans, records of all date used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI. of this permit. These records must be maintained at the permittee's primary place of business or at a designated alternate location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.

## Sampling Rationale Summary

SAMPLING POINT	NTU Limit Selected	Drainage Area	Type of Receiving Water
N/A	75 NTU	0–4.9 SQ MI	WARM

BMP NOTE: (Petroleum spill and leaks cleanup)

- Local State and manufacturer's recommended methods for spill cleanup will be clearly posted and procedures will be made available to site personnel.
- Material and equipment necessary for spill cleanup will be kept in the material storage area. Material and equipment includes the following list, but not limited to : brooms, mops, rakes, gloves, goggles, cat litter, sand, sawdust and properly label plastic and metal waste containers.
- Spill prevention practices and procedures will be reviewed after a spill and adjusted as necessary so to prevent future spills.
- All Spills that impact the surface water(Leave a sheen on surface water) The National Response Center will be contacted within 24 hours at 1-800-426-2675.
- For spills less than 25 gallons and no surface water impacts, The Georgia EPD will be contacted within 24 hours.

The contractor shall notify the licensed professional who prepared this plan if more than 1320 gallons of petroleum are stored onsite (i. this includes capacities of equipment) or if any one piece of equipment has a capacity greater than 660 gallons. The Contractor will need a spill prevention Containment and countermeasures plan prepared by the licensed professional.

BMP NOTE: (Waste Materials)

- Solid materials, including building materials, shall not be discharged to waters of the State, except by a Section 404 Permit. All waste materials will be collected and stored in a securely lidded metal dumpster. The dumpster will meet all solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster. The dumpster will be emptied a minimum of once per week or more often if necessary and trash will be hauled as required by local regulations. No construction waste will be buried onsite.

All personnel will be instructed on proper procedures for waste disposal. A notice stating these practices will be posted at the jobsite and the contractor will be responsible for seeing that these procedures are followed.

BMP NOTE: (Sanitary Waste)

- A minimum of one portable sanitary unit will be provided for every (10) workers on the site. All sanitary waste will be collected from the portable units a minimum of one time per week by a licensed portable facility provider in complete compliance with local and state regulations.

- All sanitary waste units will be located in one area where the likelihood of the unit contributing to storm water discharge is negligible. Additional containment BMP's must be implemented such as gravel bags or specially designed plastic skid containers around the base, to prevent wastes from contributing to storm water discharges. The location of sanitary waste units must be identified on the Erosion Control Plan Grading Phase, Sheet C7.1, by the contractor once the locations have been determined.

STORMWATER NOTES:

- Structural BMPs such as Silt Fence, a Construction Entrance, and a Sediment Pond and Vegetative BMPs such as Temporary Mulching, Temporary Vegetation, Permanent Vegetation, and Matting Blankets will be installed to help limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable.

HAZARDOUS WASTES

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESPCC FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS ESPCC AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

EROSION CONTROL NOTES:

1. THE EXTENT AND LOCATION OF EROSION CONTROL MEASURES SHOWN ARE THE ESTIMATED REQUIRED. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO ACTUAL FIELD CONDITIONS, AND WILL BE INSTALLED AT CONTRACTOR'S EXPENSE WHEN DIRECTED BY THE PROPER GOVERNING AUTHORITY.
2. IT SHALL BE THE RESPONSIBILITY OF THE PERSON PERFORMING THE CONSTRUCTION OPERATIONS TO INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THESE DRAWINGS, OR TO PROVIDE ADDITIONAL MEASURES AS DEEMED NECESSARY BY SITE CONDITIONS.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (SCS MANUAL) (LATEST EDITION), PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION.
4. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO INDICATE CONTROL OF EROSION AT THE SOURCE AND NOT TO TRAP ERODED SOIL AS IT LEAVES THE CONSTRUCTION AREA. SEDIMENT TRAPS AND STRUCTURES ARE INTENDED FOR USE AS BACKUP TO THE PRIMARY MEASURES SHOWN.
5. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.
6. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
7. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CHECKED DAILY.
8. EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
9. THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCE REQUIRES THAT A 25 FOOT BUFFER ADJACENT TO ALL STATE WATERS BE MAINTAINED (ARTICLE 4, SECTION 4.3 PARAGRAPH 15). AN EXCEPTION IS GRANTED TO HOMEOWNERS WHO PERFORM MINOR LAND DISTURBING ACTIVITIES SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS AND MAINTENANCE WORK (ARTICLE 3, SECTION 3.1, PARAGRAPH 3).
10. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
11. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
12. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25-FT OR 50-FT UNDISTURBED STREAM BUFFER AS MEASURED FROM THE POINT OF WRISTED VEGETATION OR WITHIN 25 FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
13. SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATER OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
14. A 50-FOOT UNDISTURBED BUFFER AND A 75-FOOT IMPERVIOUS SETBACK IS TO BE MAINTAINED ADJACENT TO ALL STREAMS.
15. DETENTION POND, DETENTION OUTLET STRUCTURES AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
16. ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.
17. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.
18. THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.
19. UPON NOTIFICATION AND AUTHORIZATION OF THE OWNER, THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS RESPONSIBLE FOR INSPECTING THE INSTALLATION OF THE BMP'S WITHIN 7 DAYS AFTER INITIAL CONSTRUCTION ACTIVITIES BEGINS.
20. OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. THE PLAN SHALL INCLUDE THE BEST MANAGEMENT PRACTICE TO BE IMPLEMENTED AT THE SITE OR CONSTRUCTION ACTIVITY.



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PARK STREET STREAM BANK STABILIZATION			
EROSION CONTROL NOTES		SHEET TITLE	
DATE		DESIGN	RELEASE
NO.		DRAWN	XXX
DESCRIPTION		CHECKED	TP
ISSUED FOR APPROVAL			
09/10/19			
DATE			
04-299			
PPI PROJECT NO.			
C4.2			