

**24 HOUR CONTACT**  
**BRUCE E. COYLE**  
 770-443-7571

SOIL PROPERTIES	
SOIL SERIES	MAP SYMBOL
GROVER-MOUNTAIN PARK COMPLEX	GrC, GrE
RION SANDY LOAM	RnC, RnD

**ESPC NOTES:**

THE DESIGN PROFESSIONAL WHO PREPARED THE ESPC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN SEVEN (7) DAYS AFTER INSTALLATION. (NOT APPLICABLE TO TERTIARY PERMITTEES IF TOTAL LAND DISTURBANCE IS UNDER 5 ACRES AND LAND DISTURBANCE WITHIN EACH LOT IS UNDER 1 ACRE)

NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN 25 OR 50 FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

ANY AMENDMENTS / REVISIONS TO THE PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL AND SUBMITTED TO THE LOCAL ISSUING AUTHORITY FOR APPROVAL.

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.

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.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

POST CONSTRUCTION POLLUTION CONTROL WILL BE SATISFIED BY THE USE OF Ds3 AND/OR Ds4 IN CONJUNCTION WITH THE EXISTING STORM WATER MANAGEMENT SYSTEM FOR THE COMMON DEVELOPMENT.

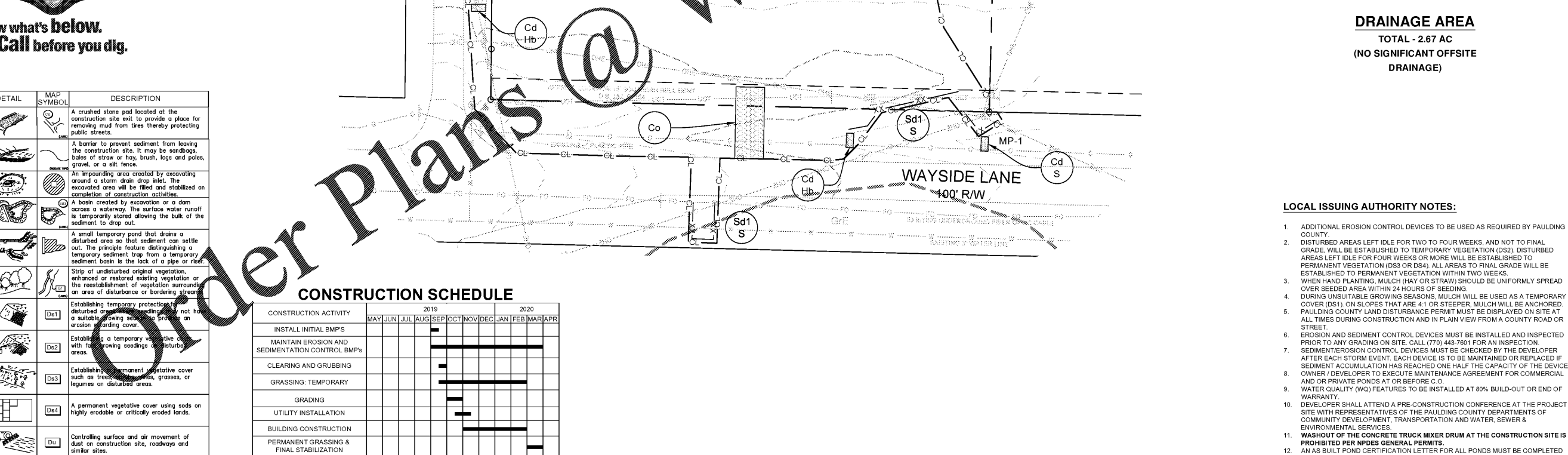


Know what's below.  
 Call before you dig.

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Sd4	TEMPORARY SEDIMENT TRAP			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
Bf	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protective cover on disturbed areas. Mulching is not to be used on a suitable erosion protection or erosion guarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)			Establishing a temporary protective cover on disturbed areas with temporary seeding on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)			Establishing permanent vegetative cover such as trees, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SOILING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.

**CONSTRUCTION SCHEDULE**

CONSTRUCTION ACTIVITY	2019												2020				
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
INSTALL INITIAL BMP'S																	
MAINTAIN EROSION AND SEDIMENTATION CONTROL BMP'S																	
CLEARING AND GRUBBING																	
GRASSING: TEMPORARY																	
GRADING																	
UTILITY INSTALLATION																	
BUILDING CONSTRUCTION																	
PERMANENT GRASSING & FINAL STABILIZATION																	



- GENERAL NOTES:**
- OWNER / PERMITEE: PAULDING COUNTY 240 CONSTITUTION BLVD DALLAS, GA 30132
  - SITE ADDRESS: WAYSIDE LANE, DALLAS, GA 30132  
 CONSTRUCTION EXITS  
 LAT: 33.9154 LONG: -84.9148
  - WATER SERVICE: PAULDING COUNTY
  - SANITARY SEWER SERVICE: ON-SITE SEPTIC
  - THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGN PROFESSIONAL FOR JUSTIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTOR TO ASSUME RESPONSIBILITIES FOR DISCREPANCIES WHICH ARE NOT REPORTED. ALL DIMENSIONS SHOULD BE CALCULATED OR READ.
  - THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES LOCATED AND SIZES VERIFIED PRIOR TO THE START OF CONSTRUCTION. THE LOCATION OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE AN APPROXIMATE LOCATION AND RECORD DRAWINGS PROVIDED TO THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES.
  - BOUNDARY INFORMATION AND TOPOGRAPHIC INFORMATION SHOWN IS BASED ON A SURVEY PREPARED BY C.R. MCNEEL, C.S., DATE 08-12-19.
  - THE VERTICAL DATUM WAS ESTABLISHED USING A NOVATEL GPS UNIT TIED TO NAVD 88 VERTICAL DATUM AND REFER TO MSL.
  - THE CONTRACTOR SHALL INSURE THAT ALL STORM WATER DRAINS AWAY FROM HOUSE AND THAT ALL ADJACENT DWELLINGS ARE NOT IMPACTED BY DRAINAGE AND GRADING ADJUSTMENTS TO THIS SITE.
  - CUT AND/OR FILL SLOPES SHALL NOT EXCEED 2 FEET HORIZONTAL TO 1 FOOT VERTICAL
  - A COPY OF THESE PLANS ARE TO BE KEPT ON SITE DURING THE DURATION OF CONSTRUCTION.

**SEDIMENT STORAGE CALCULATIONS**

STORAGE PROVIDED BY TEMPORARY SEDIMENT TRAPS (Sd2-F) = 90 CY  
 STORAGE PROVIDED BY TYPE "S" SILT FENCE (Sd1-S) = 60 CY  
 (670 LF @ 8% AVERAGE SLOPE)  
 STORAGE PROVIDED BY RETROFITS (R) IN PONDS = 8,821 CY  
 TOTAL SEDIMENT STORAGE PROVIDED = 8,971 CY  
 TOTAL SEDIMENT STORAGE REQUIRED = 179 CY  
 SEE SHEET ER-2 FOR CALCULATIONS

**SITE AREA**  
 3.00 ACRES

**DISTURBED AREA**  
 2.67 ACRES

**DRAINAGE AREA**  
 TOTAL - 2.67 AC  
 (NO SIGNIFICANT OFFSITE DRAINAGE)

- LOCAL ISSUING AUTHORITY NOTES:**
- ADDITIONAL EROSION CONTROL DEVICES TO BE USED AS REQUIRED BY PAULDING COUNTY.
  - DISTURBED AREAS LEFT IDLE FOR TWO TO FOUR WEEKS, AND NOT TO FINAL GRADE WILL BE ESTABLISHED TO TEMPORARY VEGETATION (DS2). DISTURBED AREAS LEFT IDLE FOR FOUR WEEKS OR MORE WILL BE ESTABLISHED TO PERMANENT VEGETATION (DS3 OR DS4). ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION WITHIN TWO WEEKS.
  - WHEN HAND PLANTING MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDING AREA WITHIN 24 HOURS OF SEEDING.
  - DURING UNSUITABLE GROWING SEASONS, MULCH WILL BE USED AS A TEMPORARY COVER (DS1). ON SLOPES THAT ARE 4:1 OR STEEPER, MULCH WILL BE ANCHORED.
  - PAULDING COUNTY LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAIN VIEW FROM A COUNTY ROAD OR STREET.
  - EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. CALL (770) 443-7601 FOR AN INSPECTION.
  - SEDIMENTATION CONTROL DEVICES MUST BE CHECKED BY THE DEVELOPER AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE.
  - OWNER / DEVELOPER TO EXECUTE MAINTENANCE AGREEMENT FOR COMMERCIAL AND/OR PRIVATE PONDS AT OR BEFORE C.O.
  - WATER QUALITY (WQ) FEATURES TO BE INSTALLED AT 80% BUILD-OUT OR END OF WARRANTY.
  - DEVELOPER SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE AT THE PROJECT SITE WITH REPRESENTATIVES OF THE PAULDING COUNTY DEPARTMENTS OF COMMUNITY DEVELOPMENT, TRANSPORTATION AND WATER, SEWER & ENVIRONMENTAL SERVICES.
  - WASHOUT OF THE CONCRETE TRUCK MIXER DRUM AT THE CONSTRUCTION SITE IS PROHIBITED PER NPDES GENERAL PERMITS.
  - AN AS BUILT POND CERTIFICATION LETTER FOR ALL PONDS MUST BE COMPLETED PRIOR TO C.O.



**CRA**  
 CRA, INC.  
**CARLTON RAKESTRAW & ASSOCIATES**  
 REGISTERED LAND SURVEYORS & PLANNERS  
 2203 CHARLES HARDY PARKWAY  
 DALLAS, GEORGIA 30157  
 INFO@CRASURVEYING.COM  
 770-443-2200

**E**  
**EDISON ENGINEERING GROUP**  
 MUNICIPAL ENVIRONMENTAL LAND PLANNING  
 2203 Charles Hardy Parkway  
 Dallas, GA 30157  
 Office (770) 805-8115

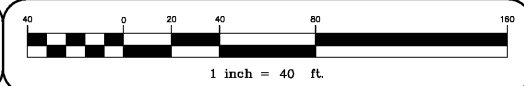
PROJECT NO. 18-074  
 PLOT FILE # ESPC  
 DATE: 7-3-19  
 DRAWN BY: JEP  
 APPROVED BY: WCR3/CDR

**WAYSIDE LANE FIRE STATION**  
 LOCATED IN LAND LOT: 319  
 19TH DISTRICT, 3RD SECTION  
 PAULDING COUNTY, GEORGIA

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**REVISIONS:**

NO.	DESCRIPTION	DATE



CLIENT  
**PAULDING COUNTY BOARD OF COMMISSIONERS**

SHEET, NAME  
**ESPC PLAN - CLEARING PHASE**

SHEET NUMBER  
**ER-1A**