

DATE: AUGUST 9, 2022

**TO:** Chairwoman Lisa Cupid, Cobb County  
**ATTN TO:** David Breden, PE, Cobb County  
**FROM:** Mike Alexander, Director, ARC Center for Livable Communities

The Atlanta Regional Commission (ARC) has received the following proposal and is initiating a Metropolitan River Protection Act regional review to seek comments from potentially impacted jurisdictions and agencies. The ARC requests your comments related to the proposal.

**Name of Proposal:** 4217 Paces Ferry Road MRPA RC-22-03CC

**Description:** A MRPA review of a proposal to remodel an existing single-family house on a .57 acre (24,841 SF) lot wholly within the Chattahoochee River Corridor at 4271 Paces Ferry Road in Cobb County. The project proposes a total land disturbance area of 4,403 SF and a total impervious area of 3,703 SF across Vulnerability Categories D and E; both totals are well within allowed maximum limits.

**Preliminary Finding:** ARC staff have initiated a review of the application for a MRPA Certificate for this proposed project in the Chattahoochee River Corridor. ARC's preliminary finding is that the project is consistent with the Chattahoochee River Corridor Plan.

**Submitting Local Government:** Cobb County

**Land Lot:** **District:** 0 **Section:**

**Date Opened:** August 9, 2022

**Deadline for Comments:** August 19, 2022

**THE FOLLOWING LOCAL GOVERNMENTS AND AGENCIES ARE RECEIVING NOTICE OF THIS REVIEW:**

ATLANTA REGIONAL COMMISSION  
NATIONAL PARK SERVICE  
CITY OF SANDY SPRINGS  
HISTORIC RIVER LINE AREA

GEORGIA DEPARTMENT OF NATURAL RESOURCE  
GEORGIA CONSERVANCY  
CITY OF SMYRNA

CHATTAHOOCHEE RIVERKEEPER  
CITY OF ATLANTA  
FULTON COUNTY

If you have any questions regarding this review, please contact Donald Shockey at [dshockey@atlantaregional.org](mailto:dshockey@atlantaregional.org) or (470) 378-1531. If ARC staff does not receive comments from you on or before 2022-08-19 00:00:00, we will assume that your agency has no additional comments and will close the review. Comments by email are strongly encouraged. **The ARC review website is located at:** <http://www.atlantaregional.org/land-use/planreviews>.

Review materials are attached.

# APPLICATION FOR METROPOLITAN RIVER PROTECTION ACT CERTIFICATE

1. Name of Local Government: COBB COUNTY
2. Owner(s) of Record of Property to be Reviewed:  
Name(s): CASSIUS BUTTS  
Mailing Address: 4217 PACES FERRY RD, ATLANTA  
City: ATLANTA State: GA Zip: 30339  
Contact Phone Numbers (w/Area Code):  
Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Other Numbers: \_\_\_\_\_
3. Applicant(s) or Applicant's Agent(s):  
Name(s): HAMID IZADI  
Mailing Address: 3853 TRICKUM RD  
City: MARIETTA State: GA Zip: 30066  
Contact Phone Numbers (w/Area Code):  
Daytime Phone: 770 294 8335 Fax: \_\_\_\_\_  
Other Numbers: \_\_\_\_\_
4. Proposed Land or Water Use:  
Name of Development: BUTTS RESIDENCE  
Description of Proposed Use: REMODEL OF EXISTING HOUSE
5. Property Description (Attach Legal Description and Vicinity Map):  
Land Lot(s), District, Section, County: LL 973, 974, 17TH DIST, 2ND SECT, COBB COUNTY, GA  
Subdivision, Lot, Block, Street and Address, Distance to Nearest Intersection: CHATAHOOCHEE S/D, LOT 2, BLOCK D, UNIT ONE / 0 FT TO INGLEMONS RIDGE  
Size of Development (Use as Applicable): SINGLE LOT  
Acres: Inside Corridor: \_\_\_\_\_  
Outside Corridor: \_\_\_\_\_  
Total: 0.57 AC (24,841 S.F.)  
Lots: Inside Corridor: N/A  
Outside Corridor: \_\_\_\_\_  
Total: \_\_\_\_\_  
Units: Inside Corridor: 1  
Outside Corridor: \_\_\_\_\_  
Total: N/A  
Other Size Descriptor (i.e., Length and Width of Easement): N/A  
Inside Corridor: \_\_\_\_\_  
Outside Corridor: \_\_\_\_\_  
Total: \_\_\_\_\_

6. Related Chattahoochee Corridor Development:

A. Does the total development include additional land in the Chattahoochee Corridor that is not part of this application? NO

If "yes", describe the additional land and any development plans: \_\_\_\_\_

B. Has any part of the property in this application, or any right-of-way or easement bordering this land, previously received a certificate or any other Chattahoochee Corridor review approval? \_\_\_\_\_

If "yes", please identify the use(s), the review identification number(s), and the date(s) of the review(s): \_\_\_\_\_

7. How Will Sewage from this Development be Treated?

A. Septic tank \_\_\_\_\_

Note: For proposals with septic tanks, the application must include the appropriate local government health department approval for the selected site.

(B.) Public sewer system COBB COUNTY

8. Summary of Vulnerability Analysis of Proposed Land or Water Use:

Vulnerability Category	Total Acreage (or Sq. Footage)	Total Acreage (or Sq. Footage) Land Disturbance	Total Acreage (or Sq. Footage) Imperv. Surface	Percent Land <u>Disturb.</u> (Maximums Shown In Parentheses)	Percent Imperv. <u>Surf.</u> (Maximums Shown In Parentheses)
A	<u>—</u>			(90)_____	(75)_____
B	<u>—</u>			(80)_____	(60)_____
C	<u>—</u>			(70)_____	(45)_____
D	<u>24,348</u>	<u>4,000</u>	<u>3,300</u>	(50) <u>19.0</u>	(30) <u>15.5</u>
E	<u>3,493</u>	<u>403</u>	<u>403</u>	(30) <u>11.5</u>	(15) <u>11.5</u>
F	<u>—</u>			(10)_____	(2)_____
Total:	<u>24,841</u>	<u>4,403</u>	<u>3,703</u>	N/A	N/A

9. Is any of this Land within the 100-Year Floodplain of the Chattahoochee River? NO  
If "yes", indicate the 100-year floodplain elevation: \_\_\_\_\_

**NOTE:** For this review, river floodplain is determined from the U.S. Army Corps of Engineers' "Floodplain Information - Chattahoochee River, Buford Dam to Whitesburg, Georgia", November, 1973 and its Supplement of March, 1982.

**NOTE:** All river 100-year floodplain is assigned to the "E" Category; its allowable allocations can be combined with those of other "E" land in the review. Also, 100-year floodplain cannot be reanalyzed and cannot accept transfers.

10. Is any of this land within the 500-year floodplain of the Chattahoochee River? NO  
If "yes", indicate the 500-year flood plain elevation: \_\_\_\_\_

**NOTE:** Plan Standards include a 35-foot height limit above the pre-construction grade within the 500-year floodplain (includes the 100-year floodplain). Adherence to this standard must be noted on the submitted plans (see Part 2.B.(4) of the Chattahoochee Corridor Plan).

11. The following is a checklist of information required to be attached as part of the application. Individual items may be combined.

**FOR ALL APPLICATIONS:**

☒ Description of land in the application and any additional land in the project (attach legal description or surveyed boundaries).

☒ Name, address, and phone number(s) of owner(s) of record of the land in the application. (Space provided on this form)

☐ Written consent of all owners to this application. (Space provided on this form)

☒ Name, address, and phone number(s) of applicant or applicant's agent. (Space provided on this form)

☒ Description of proposed use(s). (Space provided on this form)

☒ Existing vegetation plan.

N/A Proposed grading plan. (NO GRADING)

☒ Certified as-builts of all existing land disturbance and impervious surfaces.

☐ Approved erosion control plan.

☒ Detailed table of land-disturbing activities. (Both on this form and on the plans)

☒ Plat-level plan showing (as applicable): lot boundaries; any other sub-areas; all easements and rights-of-way; 100- and 500-year river floodplains; vulnerability category boundaries; topography; any other information that will clarify the review.

N/A Documentation on adjustments, if any.

☒ Cashier's check or money order (for application fee).

**FOR SINGLE-STEP APPLICATIONS (NON-SUBDIVISION):**

☒ Site plan.

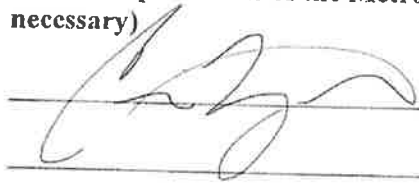
☒ Land-disturbance plan.

**FOR TWO-STEP SINGLE-FAMILY SUBDIVISION APPLICATIONS ONLY:**

☐ Concept plan.

☐ Lot-by-lot and non-lot allocation tables.


12. I (we), the undersigned, authorize and request review of this application for a certificate under the provisions of the Metropolitan River Protection Act: (use additional sheets as necessary)

 7:20/22

Signature(s) of Owner(s) of Record

Date


13. I (we), the undersigned, authorize and request review of this application for a certificate under the provisions of the Metropolitan River Protection Act:

 8/01/22

Signature(s) of Applicant(s) or Agent(s)

Date

14. The governing authority of Cobb County requests review by the Atlanta Regional Commission of the above-described use under the Provisions of the Metropolitan River Protection Act.

 8-2-2022

Signature of Chief Elected Official or Official's Designee

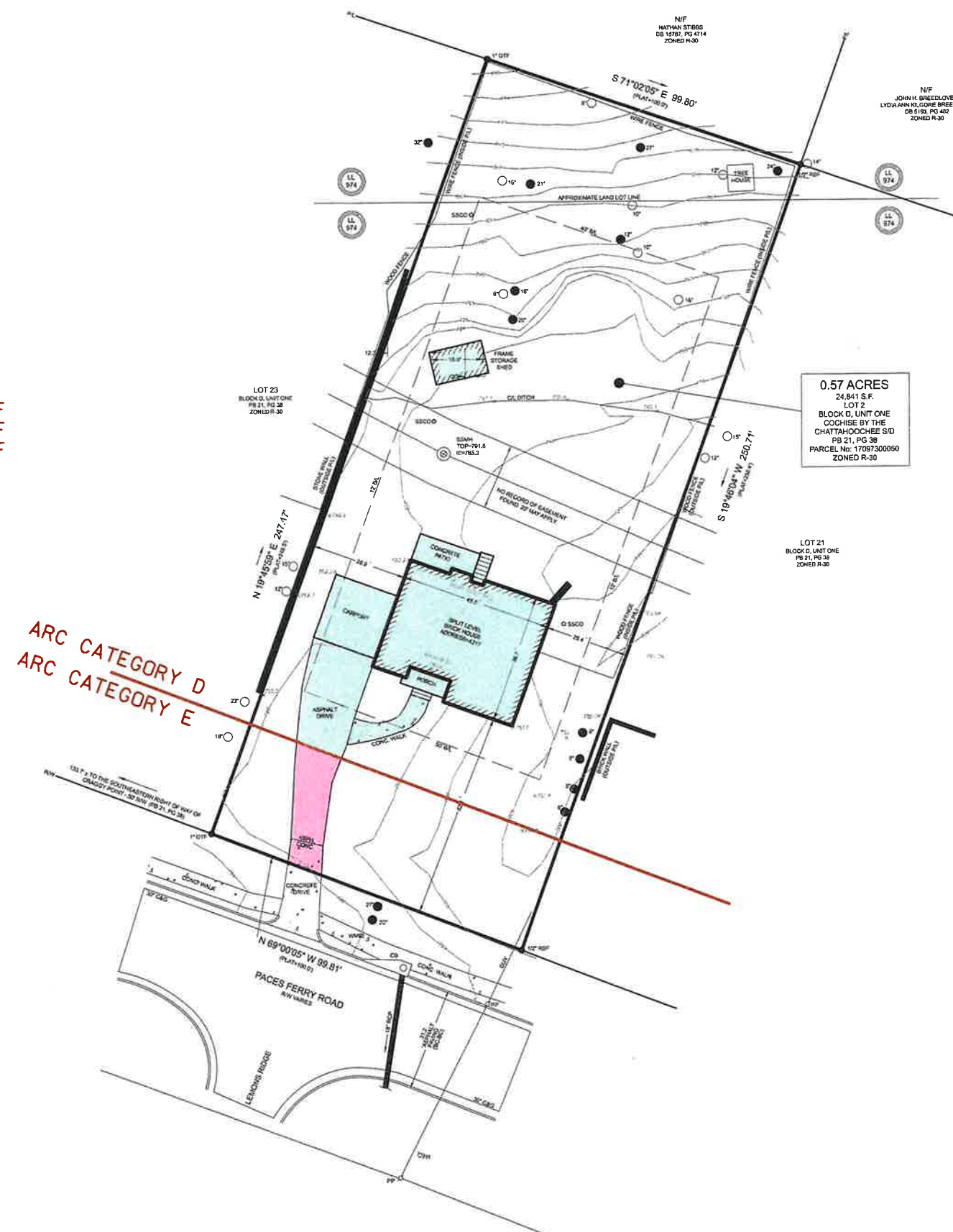
Date

EQUIPMENT USED = TOPCON CTS TOTAL STATION

ALL MATTERS OF TITLE ARE EXCEPTED. THIS SURVEY  
IS SUBJECT TO ALL LEGAL EASEMENTS AND  
RIGHTS-OF-WAY, PUBLIC OR PRIVATE

NO PORTION OF THIS PROPERTY IS LOCATED  
WITHIN A FLOOD PRONE AREA, PER FIRM MAP  
13067C0027H, DATED 03/04/2013

ARC VULNERABILITY CATEGORIES					
CAT	AREA	ALLOWED (SF)		ACTUAL (SF)	
		CLEARING	IMPERV	CLEAR	IMPERV
D	21,348 SF	10,674	6,356	4,000	3,300 SF
E	3,493 SF	1,050	525	403	403 SF
TOTAL	24,841 SF	11,724	6,881	4,403	3,703 SF



ROGER S. LEE & ASSOCIATES, INC.  
PROFESSIONAL LAND SURVEYORS

P.O. BOX 1145 / 7977 HWY 92  
WOODSTOCK, GA 30188  
PHONE 770-653-9984

GRAPHIC SCALE

40' 0 40' 80'



SURVEY & SITE PLAN

HOUSE LOCATION PLAN FOR:

BUTTS RESIDENCE

4217 PACES FERRY ROAD  
ATLANTA, GA 30339

L.L. 973 & 974, 17th DISTRICT, 2nd SECTION  
COBB COUNTY, GEORGIA

DATED: 07/04/2022

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## DESIGN PROFESSIONAL'S STATEMENT

(1) "I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED. THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS. THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001, 100002 OR 100003."

(2) "I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION."

SIGNATURE: Phillip Jackson, PE  
PHILLIP T. JACKSON • 39678

DATE 7/20/22

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION 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, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.

DISTURBED AREAS LEFT IDLE FOR 14 DAYS, AND NOT TO FINAL GRADE, WILL BE ESTABLISHED TO TEMPORARY VEGETATION (Ds2). ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION (Ds3) IMMEDIATELY UPON COMPLETION.

IN CONCENTRATED FLOW AREA, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT TEN FEET OR GREAT, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

MULCH TEMPORARY VEGETATION. PERMANENT (PERENNIAL) VEGETATION SHALL BE COMPLETED ON ALL EXPOSED AREAS WITHIN 14 DAYS AFTER DISTURBANCE.

THE LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAIN VIEW FROM A PUBLIC ROAD OR STREET.

THE USE OF POLYMERS (PAMS) IS ACCEPTED AS A BMP AS RECOMMENDED BY THE STATE SOIL & WATER CONSERVATION COMMISSION BMP "GREEN BOOK". THE CITY/COUNTY ALSO REQUIRES THAT POLYMERS USED TO STABILIZE CONSTRUCTION SITES MUST BE USED IN CONJUNCTION WITH MULCHING AND OR HYDRO SEEDING.

NO LAND DISTURBANCE PERMIT (LDP) WILL BE ISSUED WITHOUT THE SUBMITTAL OF A NOTICE OF INTENT (NOI), IF REQUIRED.

DISTURBED AREAS LEFT IDLE FOR 14 DAYS, AND NOT TO FINAL GRADE, WILL BE ESTABLISHED TO TEMPORARY VEGETATION (Ds2). ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION (Ds3) IMMEDIATELY UPON COMPLETION.

WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.

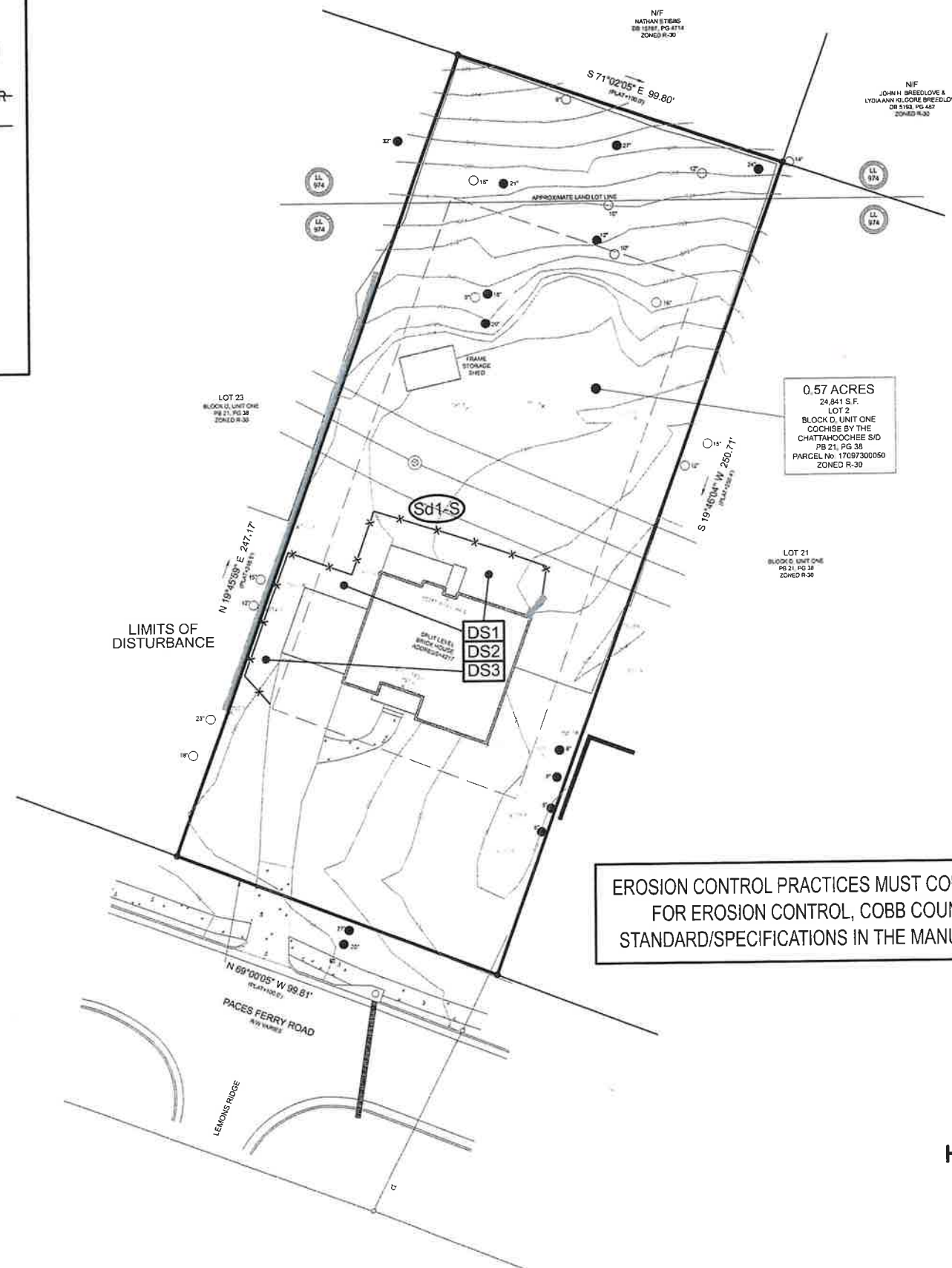
EROSION CONTROL PRACTICES MUST COMPLY WITH THE MINIMUM BEST MANAGEMENT PRACTICES FOR EROSION CONTROL, AND SHALL COMPLY WITH THE STANDARDS/SPECIFICATIONS IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

**ROGER S. LEE & ASSOCIATES, INC.**  
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GRAPHIC SCALE

40' 0 40' 80'



EROSION CONTROL PRACTICES MUST COMPLY WITH THE MINIMUM BEST MANAGEMENT PRACTICES FOR EROSION CONTROL, COBB COUNTY CODE SECT.50-75, AND SHALL COMPLY WITH THE STANDARD/SPECIFICATIONS IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

EQUIPMENT USED = TOPCON CTS TOTAL STATION

ALL MATTERS OF TITLE ARE EXCEPTED. THIS SURVEY IS SUBJECT TO ALL LEGAL EASEMENTS AND RIGHTS-OF-WAY, PUBLIC OR PRIVATE

NO PORTION OF THIS PROPERTY IS LOCATED WITHIN A FLOOD PRONE AREA, PER FIRM MAP 13067C0027H, DATED 03/04/2013

Stormwater Management Division  
Cobb County Water System

Approval signifies general plan conformance to the Cobb County Code. Design Professional and Developer remain solely responsible for design and for correcting any and all errors, problems and code violations (if any) exposed during construction AFTER authorization by Cobb County.

**APPROVED**

By David W. Breaden, PE at 9:04 am, Aug 02, 2022

E&SC approved for ARC MRPA review.



## SEDIMENT STORAGE CALCS

TOTAL AREA DRAINED = 0.11 Ac

REQ'D STORAGE = 0.11 x 67 CY/Ac  
= 8 CY SEDIMENT STORAGE REQ'D

MIN 540 LF OF SILT FENCE (Sd1-S) INSTALLED @ 1/3 FULL, Sd1 CAPACITY = 0.15 CY/LF (AVG)

TOTAL Sd1 STORAGE AVAILABLE = 150 x 0.15 = 22.5 CY

I.E. SEDIMENT STORAGE REQUIREMENTS SATISFIED w/ INSTALLED SILT FENCE, AS SHOWN

DIST AREA = 0.10 Ac  
[INCL. EX. DIST.]

TOTAL IMP. AREA  
3,545 SF (0.08 Ac)  
[INCL. EX. IMPERV]

HOUSE LOCATION PLAN FOR:

**BUTTS RESIDENCE**

4217 PACES FERRY ROAD  
ATLANTA, GA 30339

L.L. 973 & 974, 17th DISTRICT, 2nd SECTION  
COBB COUNTY, GEORGIA

DATED: 07/04/2022

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**EROSION CONTROL PLAN**



Co MAINTENANCE

- Periodically dress with 1.5"-3.5" stone.
- Maintain in a condition that will prevent tracking or flow of mud onto public rights-of way.
- Immediately remove mud and debris tracked or spilled onto roadways.

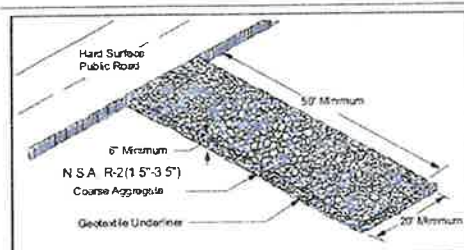


Figure 1. Crushed Stone Construction Exit Installation Requirements

Table 1. Mulching Application Requirements

Material	Rate	Depth
Straw or hay	-	2" to 4"
Wood waste, chips, sawdust, bark	-	2" to 3"
Cutback asphalt	1200 gal./acre, 1/4 gal./sq. yd. or See manufacturer's recommendations	---
Polyethylene film	Secure with soil, anchors, weights	---
Geotextiles, jute matting, netting, etc.	See manufacturer's recommendations	---

MAINTENANCE

- Add mulch as needed to maintain the suggested depth.
- If organic mulch is to be left and incorporated into the soil, apply 20-30 pounds of Nitrogen in addition to the fertilizer required for vegetation.



Figure 2. Geotextile Underliner Under Gravel Pad

Sd1-S

Sd1 MAINTENANCE

- Inspect barriers at the end of each working day, or after each rain, and repair or clean as necessary.
- Remove sediment from barrier when one-half full.
- Dispose of sediment and stabilize it with vegetation.
- Replace filter fabric when deteriorated.
- Design life of a synthetic silt fence is approximately 6 months.
- Maintain until the project is vegetated or otherwise stabilized.
- Remove barriers and accumulated sediment and stabilize the exposed area when the project is stabilized.
- Approved silt fence fabrics are listed in the Georgia Department of Transportation Qualified Products List #36 (QPL-36).

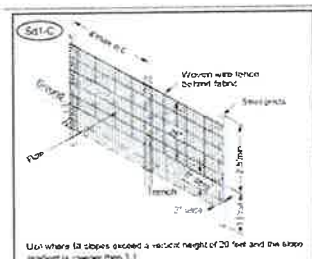


Figure 4. Type "C" (Sd1-C) Wire-Reinforced Silt Fence



Figure 5. Typical Type "C" Silt Fence

Ds2

MAINTENANCE

- Re-seed areas where an adequate stand of temporary vegetation fails to emerge or where a poor stand exists.

Table 1. Some Temporary Plant Species, Seeding Rates and Planting Dates (continued)

Species	Rates Per 1,000 sq. ft.	Rates per Acre	Planting Dates by Region		
			M-L	P	C
Oats Alone	2.99 lbs	4 bu	9/15-11/15	9/15-11/15	9/15-11/15
Oats In Mixtures	7 lbs	1 bu			
Rye (Grain) Alone	3.9 lbs	3 bu	8/15-10/31	9/15-11/30	10/1-12/31
Rye In Mixtures	6 lbs	5 bu			
Ryegrass	0.9 lbs	40 lbs	8/15-11/15	9/1-12/15	9/15-12/31
Sudangrass	1.4 lbs	60 lbs	5/1-7/31	5/1-7/31	4/1-7/31
Triticale Alone	3.3 lbs	3 bu	NA	NA	10/15-11/30
Triticale In Mixtures	6 lbs	5 bu			
Wheat Alone	4.1 lbs	3 bu	9/15-11/30	10/1-12/15	10/15-12/31
Wheat In Mixtures	7 lbs	5 bu			

- Unusual site conditions may require heavier seeding rates.
- Seeding dates may need to be altered to fit temperature variations and local conditions.
- For Major Land Resource Areas (MLRAs), see page 50.
- Seeding rates are based on pure live seed (PLS).

Table 2. Fertilizer Requirements for Temporary Vegetation

Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	N Top Dressing Rate (lbs./acre)
Cool season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	1000	30
	Maintenance	10-10-10	400	30
Cool season grasses & legumes	First	6-12-12	1500	0-50
	Second	0-10-10	1000	---
	Maintenance	0-10-10	400	---
Temporary cover crops seeded alone	First	10-10-10	500	30
Warm season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	800	50-100
	Maintenance	10-10-10	400	30

EROSION CONTROL NOTES:

- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY AFTER ON-SITE INSPECTION BY THE ISSUING AUTHORITY.
- CRITICAL AREAS:
  - ALL 2:1 FILL SLOPES GREATER THAN 8' IN HEIGHT SHALL BE STABILIZED IMMEDIATELY. SILT FENCE TYPE "C" TO BE USED TO PROTECT STATE WATERS. EROSION CONTROL BLANKETS TO BE USED ON ALL CRITICAL SLOPES. IT IS CRITICAL TO PREVENT SEDIMENT FROM ENTERING ALL ON-SITE CREEKS.
- DISPOSAL OF DEBRIS:
  - ALL GARBAGE AND DEBRIS WILL BE REMOVED FROM THE SITE PRIOR TO ANY FILLING OPERATION.
  - ALL UNSUITABLE SOIL MATERIALS TO BE BURIED OFF R/W. STUMPS AND CONSTRUCTION DEBRIS TO BE DISPOSED OF PROPERLY.
  - CONTRACTOR TO COORDINATE WITH OWNER REGARDING DISPOSAL AREA.
- 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.

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. THE PLAN SHOULD INCLUDE SECONDARY CONTAINMENT AROUND LIQUID WASTE COLLECTION AREAS TO FURTHER MINIMIZE THE LIKELIHOOD OF CONTAMINATED DISCHARGES.

THE CONTRACTOR SHALL PROVIDE APPROPRIATE REFUSE/TRASH COLLECTION RECEPTACLES ON THE SITE AND ARRANGE FOR PERIODIC COLLECTION AND DISPOSAL.

CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND REAR OF VEHICLES TO BE DONE IN EXCAVATE PIT DEEP ENOUGH TO CONTAIN WASHDOWN WATER. WASH-OUT OF DRUM IS PROHIBITED. ENSURE WASHDOWN WATER GOES INTO AND STAYS IN PIT. CONTRACTOR SHALL COORDINATE WITH SUPERINTENDENT TO FILL IN PIT AND SMOOTH OUT GROUND.

NO HAZARDOUS MATERIALS ARE SLATED FOR USE ON THIS PROJECT. HOWEVER, IF CIRCUMSTANCES ARISE WHERE HAZARDOUS MATERIALS ARE TO BE USED, THE OWNER MUST BE NOTIFIED AND PROPER HANDLING AND STORAGE PROTOCOLS DOCUMENTED AND IMPLEMENTED.

SANITARY WASTE WILL BE COLLECTED IN PORTABLE UNITS PROVIDED AND MAINTAINED BY A STATE LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY LOCAL REGULATIONS.

TEMPORARY FUELING TANKS SHALL HAVE A GA. EPD APPROVED SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION AND BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS AND THE STORM WATER DRAINAGE INLETS. EQUIPMENT MAINTENANCE AREAS WILL ALSO BE LOCATED AWAY FROM DRAINAGE FEATURES. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. THESE SHOULD BE COLLECTED UNSUITABLE CONTAINERS AND RECYCLED-DISPOSED OF AS APPROPRIATE.

NO WASTE MATERIAL SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY SECTION 404 PERMIT. NO WASTE WILL BE DISPOSED OF INTO STORM DRAIN INLETS. SIGNAGE WILL BE POSTED AS NEEDED TO ACHIEVE THE ABOVE STANDARDS.

ALL WASTE TO BE DISPOSED OF IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SPILL PREVENTION & CONTROL

PETROLEUM-BASED PRODUCTS, INCLUDING FUELS, LUBRICANTS, TRANSFORMER OIL, TARS, ETC., KEPT ON SITE SHALL BE STORED IN TIGHTLY SEALED CONTAINERS THAT ARE CLEARLY LABELED. ALL ON-SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE. ASPHALT SUBSTANCES SHALL BE APPLIED AS LABELED. LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND PROCEDURES MADE AVAILABLE TO SITE PERSONNEL. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. TYPICAL EQUIPMENT AND MATERIALS FOR CLEANUP INCLUDE GLOVES, GOGGLES, RAGS, RESPIRATORS, CAT LITTER, SODWATER AND PLASTIC AND METAL CONTAINERS FOR THIS PURPOSE. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY FOLLOWING DISCOVERY.

Ds3

MAINTENANCE

- Re-seed areas where an adequate stand of vegetation fails to emerge or where a poor stand exists.
- Apply fertilizer per Table 2.
- Apply one ton of agricultural lime or as indicated by soil test every 4-6 years.
- Mow Bermuda and Bahia as desired. Mow Sericea Lespedeza only after frost to ensure seeds are mature.
- Maintain 6" or more of top growth.

Table 1. Some Permanent Plant Species, Seeding Rates, and Planting Dates

Species	Rates per Acre	Rates per 1,000 sq. ft.	Planting Dates by Region			Remarks
			M-L	P	C	
Bahia, Pensacola	60 lbs	1.4 lbs		4/1-5/31	3/1-5/31	Low growing, sod producing, will spread into Bermuda lawns
Alone or with temporary cover	30 lbs	0.7 lb				
With other perennials						
Bahia, Warrington	60 lbs	1.4 lbs	3/15-5/31	3/1-5/31		Same as above
Alone or with temporary cover	30 lbs	0.7 lb				
With other perennials						
Bermuda Common (Hulled seed)	10 lbs	0.2 lb		4/1-5/31	3/15-5/31	Quick cover, low growing, sod forming, needs full sun
Alone	6 lbs	0.1 lb				
With other perennials						
Bermuda Common (Unhulled seed)	10 lbs	0.2 lb		10-1-2-28	11/1-1/31	Plant with Winter annuals
Alone	6 lbs	0.1 lb				Plant with Tall Fescue
With temporary cover	10 lbs	0.2 lb				1 cu ft = 850 sprigs
With other perennials	6 lbs	0.1 lb				1 bu = 1.25 cu ft or 800 sprigs
Bermuda Spigs	40 cu ft	0 cu ft	4/15-6/15	4/1-6/15	4/1-5/31	
Common lawn and forage hybrids						

Table 1. Some Permanent Plant Species, Seeding Rates, and Planting Dates (continued)

Species	Rates per Acre	Rates per 1,000 sq. ft.	Planting Dates by Region			Remarks
			M-L	P	C	
Centipede	Block Sod Only	Block Sod Only		11/1-5/31	11/1-5/31	Drought tolerant. Full sun or partial shade
Crown Vetch	15 lbs	0.3 lb	9/1-10/15	8/1-10/15		Mix with 30 lbs Tall Fescue or 15 lbs Rye inoculate seed, plant only North of Atlanta
Fescue, Tall	50 lbs	1.1 lbs	3/1-4/15	9/1-10/15		Can be mixed with perennial Lespedeza or Crown Vetch, not for droughty soils or heavy use areas
Alone	30 lbs	0.7 lb	8/15-10/15			
With other perennials						
Lespedeza Sericea	60 lbs	1.4 lbs	4/1-5/31	3/15-5/31	3/1-5/15	Widely adapted and low maintenance; takes 2-3 years to establish, inoculate seed with EL inoculant, mix with Weeping Lovegrass, Common Bermuda, Bahia or Tall Fescue

Table 1. Some Permanent Plant Species, Seeding Rates, and Planting Dates (continued)

Species	Rates per Acre	Rates per 1,000 sq. ft.	Planting Dates by Region			Remarks
			M-L	P	C	
Lespedeza Sericea (cont.)	75 lbs	1.7 lbs	9/1-2/28	9/1-2/28	9/1-2/28	Mix with Tall Fescue or winter annuals
Unscarified	3 tons	1.6 lbs	10/1-2/28	10/1-1/31	10/15-1/15	Cut when seed in mature but before it shatters. Add Tall Fescue or winter annuals
Seed bearing hay						
Lespedeza Amro	60 lbs	1.4 lbs	4/1-5/31	3/15-5/31	3/15-5/15	Spreading growth with height of 18" 24" good in urban areas, slow to develop good stands, mix with Weeping Lovegrass, Common Bermuda
Unscarified	75 lbs	1.7 lbs	9/1-2/28	9/1-2/28	9/1-2/28	Bahia Tall Fescue or winter annuals, do not mix with Sericea Lespedeza, inoculate seed with EL inoculant

Table 1. Some Permanent Plant Species, Seeding Rates, and Planting Dates (continued)

Species	Rates per Acre	Rates per 1,000 sq. ft.	Planting Dates by Region			Remarks
			M-L	P	C	
Lespedeza Shrub (Lespedeza bicolor or Lespedeza Thunbergii)	3x2 spacing		10/1-3/31	11/1-3/15	11/15-2/28	Plant in small clumps for wildlife food and cover
Lespedeza weeping	4 lbs	0.1 lb	4/1-5/31	3/15-5/31	3/1-5/31	Quick cover, drought tolerant, grows well with Sericea Lespedeza on most soils and other steep slopes, short lived
With other perennials	2 lbs	0.05 lbs				
Meadowland springs	2x3 spacing		2/1-3/31	2/1-3/31	2/1-3/31	For very wet sites such as riverbanks and shorelines. Dry springs, usually
Fraxinus Atlantic Coastal	20 lbs	0.5 lbs		3/1-4/30	3/1-4/30	Grows well on coastal sand dunes, mix with Sericea Lespedeza but not on sand dunes

Table 1. Some Permanent Plant Species, Seeding Rates, and Planting Dates (continued)

Species	Rates per Acre	Rates per 1,000 sq. ft.	Planting Dates by Region			Remarks
			M-L	P	C	
Road Canary Grass	50 lbs	1.1 lbs	6/15-10/15	5/1-10/15		Grows similar to Tall Fescue for soil sites
With other perennials	20 lbs	0.7 lbs				
Sunflower, Adax	10 lbs	0.2 lbs	4/15-5/31	4/15-5/31	4/1-5/31	Mix with Weeping Lovegrass or other low growing grasses or legumes
Mammoth						

- Rates are for broadcast seed. If a seed drill is used, reduce the rates by one-half.
- PLS is an abbreviation for Pure Live Seed. Refer to the Glossary for an explanation of this term.
- The seedling rates are defined in the Glossary. See page 50 for your Resource Area.
- Seeding rates are based on pure live seed (PLS).

Table 2. Fertilizer Requirements for Temporary Vegetation

Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	N Top Dressing Rate (lbs./acre)
Cool season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	1000	30
	Maintenance	10-10-10	400	30
Cool season grasses & legumes	First	6-12-12	1500	0-50
	Second	0-10-10	1000	---
	Maintenance	0-10-10	400	---
Warm season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	800	50-100
	Maintenance	10-10-10	400	30
Warm season grasses and legumes	First	6-12-12	1500	50
	Second	0-10-10	1000	---
	Maintenance	0-10-10	400	---