

**NATURAL RESOURCES CONSERVATION SERVICE**  
**GEORGIA**  
**DESIGN AND CONSTRUCTION CHECKLIST**  
**HEAVY USE AREA PROTECTION**  
**CODE 561**

**DESIGN**

---

1. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06).
2. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
  - a. Material Quantities
  - b. Rock Size Calculations (for stream watering ramps)
 Document design using appropriate forms and document job class of the design.
3. Construction Specifications:
  - a. Construction specification
  - b. Material specifications for all materials incorporated into the work
4. Plans
  - a. Plan view showing location of system
  - b. Typical sections showing dimensions(width, length, thickness of surface treatment) of the treated area
  - c. Details of the required materials for surface treatment
  - d. Location of any fencing
  - e. Location of area to be vegetated
5. Operation and Maintenance Plan
6. Certifications that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)). Design checked by second party with adequate job approval authority.
7. Design modifications during installation as required.

**INSTALLATION**

---

1. Pre Installation conference with landowner.
2. Staking and layout according to plans and specifications including applicable layout notes.
3. Installation inspection
  - a. Actual materials used meet specifications
  - b. Installation methods and location meet plans and specifications
4. Facilitate and implement required design modifications with landowner
5. Certification that the installation process and materials meets design and permit requirements.

**CHECK OUT**

---

1. As-Built documentation.
  - a. Measurements to document the length, width and depth of the completed treatment area
  - b. Final quantities calculations
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03(c)(1)). Checkout and certification to be completed by personnel with adequate job approval authority for the practice

**REFERENCES**

---

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Heavy Use Area Protection, 561
- NRCS Construction Specification, Heavy Use Area Protection, 561
- NRCS O&M Plan, Heavy Use Area Protection, 561