

**U.S. Department of Agriculture
Natural Resources Conservation Service
Nevada**

**DOCUMENTATION CHECK LIST
SUBSURFACE DRAIN (606)**

1. Field surveys and notes are in accordance with Engineering Technical Release 62 and National Engineering Manual Part 540. _____
2. Standard drawings and/or standard size drawing sheets are used. _____
3. Engineering job class is shown and proper engineering review/approval is obtained. _____
4. Right of way easements, utility clearances, SHPO clearance and applicable state and Federal permits are obtained. _____
5. Hydraulic computations and soils investigations are made for sizing the drain for design flow and outlet conditions. _____
7. The facilities are designed as part of a resource management system. _____
8. The construction drawings and specifications show as appropriate:
 - a. Site plan location and layout. _____
 - b. Pipe class, length, grade, size, alignment and depth. _____
 - c. Method of pipe bedding. _____
 - d. Details for structures when needed. _____
 - e. Filter or envelope requirements when needed. _____
 - f. Buried utilities disclaimer is shown on the drawings. _____
9. Operation and maintenance plan prepared, and provided to landowner. _____
10. Review of construction drawings and specifications is completed and Cooperator's signature is obtained. _____
11. Changes in design are noted and approved by landowner, designer and proper engineering review/approval is obtained. _____
12. As-Built drawings show completed length, size, cover and type of drain line. Location, elevation and dimensions of manholes, tees, wyes, etc. Elevation of outlet pipe and normal water level in outlet channel. Filter or envelope thickness and material used. _____
13. Construction inspection documentation and Certification of materials. _____
14. Certification that completed practice meets plans and specifications. _____