

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

**DOCUMENTATION CHECK LIST
IRRIGATION SYSTEM, SPRINKLER (442)**

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. Field investigations and computations are made for selecting/sizing the planned system components based upon area, water requirements of crops, irrigation method/efficiencies, soils and system planned. _____
6. The facilities are designed as part of a resource management system. _____
7. The construction drawings and specifications show as appropriate:
 - a. Location map, complete facility plan layout, profiles/elevations. _____
 - b. Material type, size, pressure class and lengths for pipe and fittings lateral lines. _____
 - c. Location, size, type and pressure class for appurtenances (filters, drains, vents, valves, outlets). _____
 - d. Pipe trench/backfill requirements. _____
 - e. Safety features for trenches, when applicable. _____
 - f. Buried utilities disclaimer is shown on the drawings. _____
8. Operation, irrigation schedule and maintenance plan prepared, and provided to landowner. _____
9. Review of construction drawings, and specifications is completed and Cooperator's signature is obtained. _____
10. Changes in design are noted and approved by landowner, designer and proper engineering review/approval is obtained. _____
11. As-Built drawings show constructed dimensions, type and size of facilities, type of materials, location, type, and size of appurtenances. _____
12. Construction inspection documentation and Certification of materials. _____
13. Certification that completed practice meets plans and specifications. _____