

Spring Development~~Baseflow interceptor~~

Definition/Purpose

Baseflow interceptor means ~~Spring Development means~~ improving springs and seeps alongside a stream, near the banks, but not in the channel- by excavating, cleaning, capping or providing collection and storage facilities.

Policies

1. The district must submit practice design worksheet to division for approval by a division engineer.
- ~~1. Average cost is based on costs from water source to the junction box with a maximum of two (2) spring developments per trough/tank charged to~~
- ~~2. **Excavation time is to be paid only for the developing of the spring.** The hourly fee for excavation for spring development will be paid only for actual machine operating time viewed by authorized District personnel while present at the job site. (Average cost applies.) The hourly fee for excavation is to be used only for additional backhoe time required to locate water source and not for payment of pipe installation or trenching. If CPO contains more than one (1) tank per field, detailed justification must be included in the plan.~~
- ~~**Spring Development shall not be used as a means for draining pastures. Spring Development must be used for livestock watering only.**~~
2. Cooperator is encouraged to install water conservation measures and practical livestock exclusion fencing. Livestock shall not have access to the pickup area.
3. Cooperators are responsible for obtaining and complying with all required permits, including wetland determination by the ACOE and buffers on streams classified as trout (Tr) waters, if applicable.
- ~~4. Adequate fencing is required, or statement of exception on the contract.~~

~~5.4.~~ Minimum life of BMP is ten (10) years.

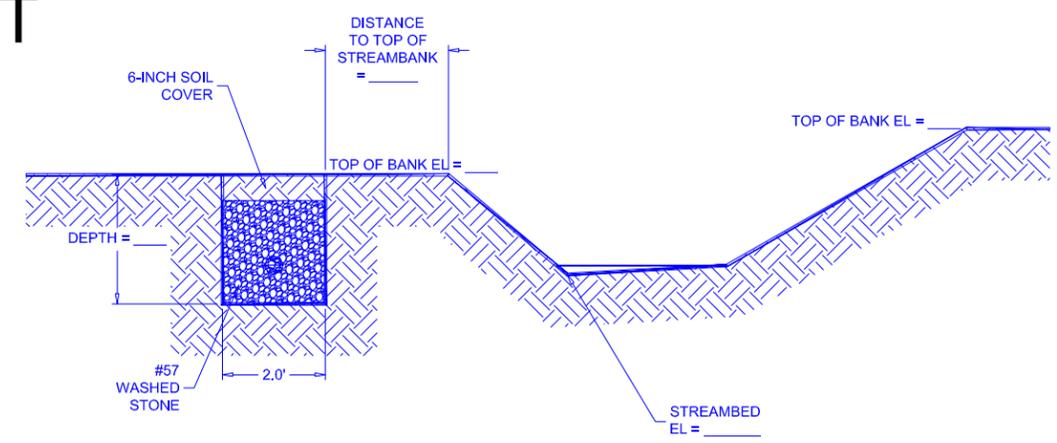
Specification

N. C. NRCS Technical Guide, Section IV, Specification #574 (Spring Development), ~~and #382 (Fence).~~

STREAMSIDE SUBSURFACE WATER PICK-UP PLANNING WORKSHEET

LOCATION SKETCH

Indicate location of stream, pick-up device, and storage facility (water trough, pond, reservoir, distribution box).



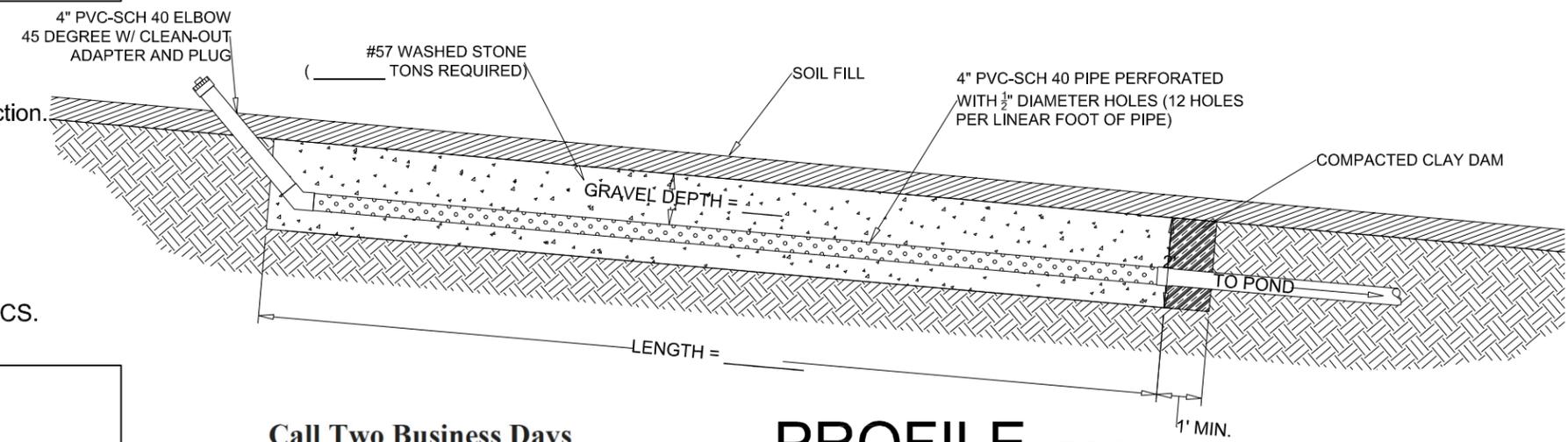
CROSS SECTION (TYPICAL)
NOT TO SCALE

NOTE: LOCATE ALL INLET AND OUTLET LOCATION(S) TO CONFIRM ADEQUATE FALL FOR GRAVITY FLOW

ADDITIONAL CRITERIA

1. A wetland determination must be completed by USDA-NRCS (or their designee) prior to construction.
2. Livestock shall be excluded from the area immediately surrounding the pick-up device.
3. Landowner is responsible for obtaining any necessary permits (floodplain, section 404 of CWA, trout buffer waiver, etc.)
4. Final design and location subject to approval by licensed NC professional engineer or USDA-NRCS.

NOTES:



PROFILE (TYPICAL)
NOT TO SCALE

Call Two Business Days
Before You Dig!



Dial 811 or 1-800-632-4949

NORTH CAROLINA SOIL & WATER CONSERVATION

FIELD OFFICE: _____
ADDRESS: _____
PHONE: _____

LANDOWNER: _____
ADDRESS: _____

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1			
2			
3			
4			
5			

PROJECT #: _____ SCALE: _____
DRAWN BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
SHEET NO. 1 OF 1 FILENAME: _____