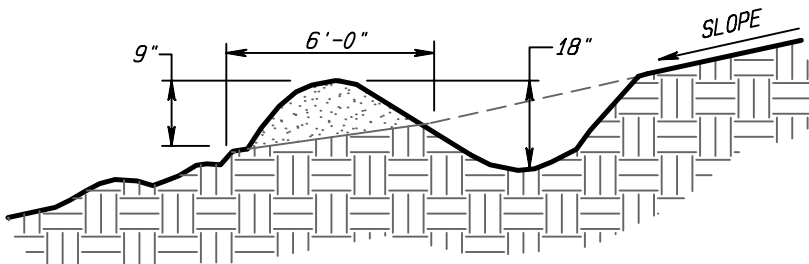
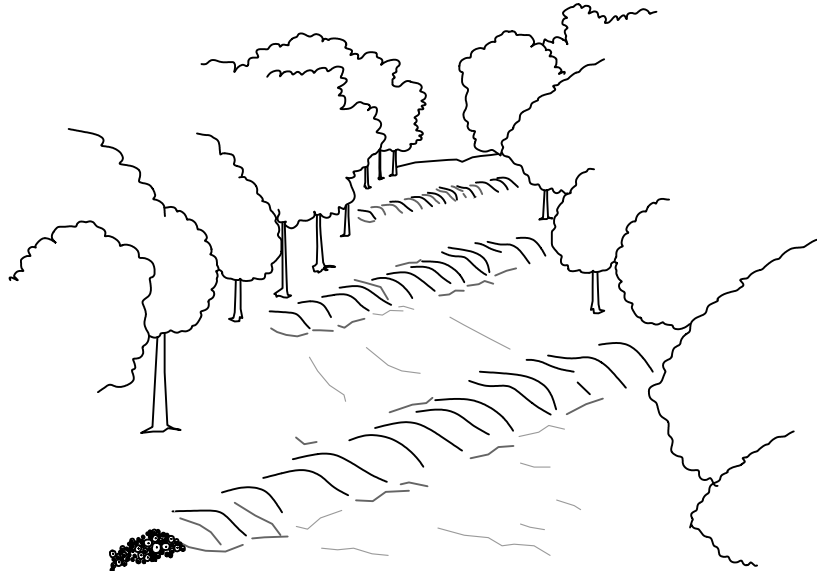


SPACING OF WATER BARS

SLOPE (%)	SPACING (FT.)
<5	125
5 TO 10	100
10 TO 20	75
20 TO 35	50
>35	25



SECTION VIEW OF WATER BAR

NOTES:

1. INSTALL WATER BARS IMMEDIATELY AFTER CLEARING OPERATIONS.
2. DISK OR ROUGHEN THE SURFACE PRIOR TO PLACEMENT OF FILL FOR THE BERM.
3. TRACK OR TAMP THE RIDGE TO COMPACT IT TO THE DESIGN CROSS SECTION.
4. DIVERSIONS SHOULD BE INSTALLED SUCH THAT THE SLOPE IN THE CHANNEL SECTION DOES NOT EXCEED 2%.
5. LOCATE THE OUTLET OF WATER BARS TO UNDISTURBED AREAS. IF THE AREA IS NOT ADEQUATE TO RESIST EROSION, STABILIZE THE AREA WITH RIP-RAP (REFER TO COG STD. #422).
6. IMMEDIATELY SEED AND MULCH AREAS THAT WILL NOT BE SUBJECT TO CONSTRUCTION TRAFFIC. IF EQUIPMENT WILL BE CROSSING THE DIVERSION, STABILIZE WITH STONE OF ADEQUATE SIZE TO WITHSTAND THE TRAFFIC.
7. PROVIDE EXCAVATED SEDIMENT STORAGE AND COG STD. #432 DITCH CHECK AT THE OUTLET OF DIVERSIONS UNTIL DISTURBED AREAS ARE ADEQUATELY STABILIZED. 3,600 CU. FT. OF STORAGE VOLUME IS TO BE PROVIDED FOR EACH ACRE OF DISTURBED AREA DRAINING TO THE DIVERSION.
8. PERIODICALLY INSPECT RIGHT-OF-WAY DIVERSIONS FOR WEAR AND AFTER EVERY RAINFALL OF ONE HALF INCH OR GREATER. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE BERM. CHECK OUTLET AREAS AND MAKE TIMELY REPAIRS AS NEEDED.
9. WHEN ALL AREAS ABOVE THE DIVERSION HAVE BEEN ADEQUATELY STABILIZED, REMOVE THE BERM AND STONE / RIP-RAP AND FILL THE CHANNEL TO BLEND WITH THE NATURAL GROUND. SEED AND MULCH ALL REMAINING DISTURBED AREAS.

CITY OF GREENSBORO

**WATER BAR DETAIL
(RIGHT-OF-WAY DIVERSION)**

STD. NO.	REV.
454	06/09