



STRAW BALE BARRIERS

Material Specification

Placement

When practicable, bale slope barriers should be placed along contours to avoid a concentration of flow.

Proper installation method:

List of common placement/installation mistakes to avoid:

Inspection and Maintenance:

Are there any points along the slope barrier where water is concentrating?
Does water flow under the slope barrier?
Does water flow through spaces between abutting bales?
Are any bales dislodged?
Are bales decomposing due to age and/or water damage?
Does sediment need to be removed from behind the slope barrier?

A cross-sectional diagram of a temporary earth retaining system. It shows a series of vertical wood stakes driven into the ground, with horizontal bales placed between them to form a retaining wall. The system is shown on a sloped terrain, with labels 'A' and 'B' indicating specific points or sections. Arrows point to the 'Wood Stakes' and 'Bales'.

STRAW BALE DITCH CHECKS

Material Specifications:

Placement

The following table provides check spacing for a given ditch grade.

Ditch grade (%)	Check Spacing (feet)
0.5	200
1.0	200
2.0	100
3.0	65
4.0	50
5.0	40
6.0	30

Proper installation method:

List of common placement/installation mistakes to avoid:

Inspection and Maintenance:

Does water flow around the ditch check?
Does water flow under the ditch check?
Does water flow through spaces between abutting bales?
Are any bales and/or scour aprons (optional) dislodged?
Are bales decomposing due to age and/or water damage?
Does sediment need to be removed from behind the ditch check?



STRAW BALE BARRIERS FOR AREA INLETS (INLET PROTECTION)

Material Specification:

Placement:

Proper Installation Method:

List of common placement installation mistakes to avoid:

Inspection and Maintenance:

Does water flow under the area inlet barrier?
Does water flow through spaces between abutting bales?
Are any bales dislodged?
Are bales decomposing due to age and/or water damage?
Does sediment need to be removed from behind the area inlet barrier?



SILT FENCE BARRIERS

SILT FENCE BARRIERS

Material Specification:

Placement:

Proper installation method:

Attach the silt fence to the anchored post with staples, wire, zip ties, or nails.

List of common placement/installation mistakes to avoid:

Inspection and Maintenance:

- Are there any points along the slope barrier where water is concentrating?
- Does water flow under the slope barrier?
- Do the silt fences sag excessively?
- Has the silt fence torn or become detached from the posts?
- Does sediment need to be removed from behind the slope barrier?



SOIL EROSION BMP DETAILS

CHRISTOPHER M. CARRIER, P.E.
STORM WATER ENGINEER

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