

STEP 1
Place end-post (stake) of first silt fence adjacent to end-post (stake) of second silt fence with fabric positioned as shown.

STEP 2
Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

ATTACHING TWO SILT FILTER FENCES
(NOT applicable for J-hooks)

SILT FILTER J-HOOK PLACEMENT

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER

J-HOOK
Place posts (stakes) adjacent and bind at top with wire.

SLICE METHOD

TRENCH METHOD
SECTION A-A

GENERAL NOTES
The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-12	Deleted hay/straw perimeter barrier; Added SLICE METHOD TO SECTION A-A
1-1-10	Added J-hooks, added Two Fence attachment detail, mod. ditch check.

TEMPORARY EROSION CONTROL SYSTEMS
(Sheet 1 of 2)

STANDARD 280001-06

AUTOCAD2006

BURY UPSLOPE END OF BLANKET IN TRENCH 6" WIDE BY 6" DEEP

OVERLAP END OF UPSLOPE BLANKET 4" OVER DOWNSLOPE BLANKET AND SECURE WITH STAPLES

OVERLAP BLANKETS SIDE BY SIDE USING A 4" OVERLAP WITH UPSLOPE BLANKET LAID OVER DOWNSLOPE BLANKET

BURY TOE OF BLANKET IN TRENCH 6" WIDE BY 6" DEEP

DETAIL 1
Anchor Slot, Staples, Tamp Soil Firmly, 12" intervals, 3" depth, 6" length.

DETAIL 2
Staples, Single Joint, 4" Min.

DETAIL 3
Staples, Parallel Overlaps, 4" Min.

STAPLE DETAIL
1" Min.

PUSH PIN DETAIL
1.5" Min.

NOTES:

- Staples shall be placed in a diamond pattern at 2 per s.y. for stitched blankets. Non-stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
- Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
- Erosion control material shall be placed in contact with the soil over a prepared seedbed.
- All anchor slots shall be stapled at approximately 12" intervals.

EROSION CONTROL BLANKET INSTALLATION DETAILS

Designed: _____ Date: _____
 Drawn: B. GIBSON Date: 11/28/11
 Checked: _____
 Approved: _____

DITCH CHECK - ROLLED EXCELSIOR

Staking Pattern Guide

Stake within 2" of the end of Wattle

Rolled Excelsior Ditch check in 3" Deep Trench

Wood Stake

2" or less spacing

6" Min. spacing

Notes

- Overlap minimum is the diameter of the roll.
- 2' spacing for rolled excelsior ditch checks.
- Or space according to manufacturer's specifications.

Stake Detail

Ditch Check

Wood Stake (to only penetrate netting)

Channel Bottom

3" Deep Trench (See Note 6)

Notes

- Drawings are not to scale.
- Ends of ditch checks shall be turned at least 6" upslope.
- Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
- Stakes shall not extend above the ditch checks more than 2".
- Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
- When rolled excelsior ditch checks are placed over erosion control blanket, the trench is not required.

REFERENCE

Project: _____ Date: _____
 Designed: _____ Date: _____
 Checked: _____ Date: _____
 Approved: _____ Date: _____

STANDARD DWG. NO. IUM-514 REVISED
 SHEET 1 OF 1
 DATE 8-19-11

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CHAMLIN & ASSOCIATES

PERU MORRIS
ILLINOIS

MORRIS MUNICIPAL AIRPORT
MORRIS, ILLINOIS

DETAILS

APPROVED FOR CONSTRUCTION

CURRENT AS OF: 07/03/12

SCALE: NONE SHEET 4 OF 4

FILE NO.: 13117