STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0351-01	2012	70	220

INSTALLATION DETAILS ON SLOPES

Material shall be laid loosely in the direction of the slope, beginning at the bottom of the slope. In order for the blanket to be in contact with the soil, lay the blanket loosely, avoiding stretching.

1. Install product in accordance with the manufacturers recommendations.

2. ANCHOR SLOTS: The top of the blanket should be "slotted in" at the top of the slope and anchored in place with anchors 6 inches apart. The slots should be 6 inches wide x 6 inches deep with the blanket anchored in the bottom of the slot, then backfilled, tamped and seeded.

3. LONGITUDINAL SEAMS: The edges of the blanket should overlap each other a minimum of 6 inches, with anchors catching the edges of both blankets.

4. SPLICE SEAM: When splices are necessary, overlap end a minimum of 6 inches in direction of water flow. Stagger splice seams.

5. CHECK SLOTS: Establish check slots transverse to slope every 30 feet. The slots should be 6 inches wide x 6 inches deep. The blanket shall be cut to a length 6 inches beyond the slot. The top of the downslope blanket shall be slotted in, anchored and buried, tamped and seeded similar to the top anchor slot. The upslope blanket shall then cover the slot and be anchored as shown.

6. TERMINAL FOLD: The bottom edge of the blanket shall be turned under a minimum of 4 inches, then anchored in place with anchors 9 inches apart.

7. TYPICAL ANCHORS: Anchor design shall be as recommended by the manufacturer.

GENERAL NOTES

1. This sheet applies to the Installation of Erosion Control Blankets and Turf Reinforcement Mats.

2. As Noted on Sheet 2, Erosion Control Blanket shall be Installed on all Seeded Surfaces.

3. Erosion Control Blankets are suitable for use on Surfaces with 3:1 slopes or flatter. Any Slope steeper than 3:1 shall receive a Turf Reinforcement Mat in place of the Erosion Control Blanket.

4. All costs for Erosion Control Blanket and Installation is Subsidiary to "Seeding". Turf Reinforcement Mat will be paid for separately.

INSTALLATION DETAILS IN CHANNELS

Material shall be laid loosely in the direction of the flow, with the first course at the centerline of channel, where applicable. In order for the mat to be in contact with the soil, lay the mat loosely, avoiding stretching.

1. Install product in accordance with manufacturers recommendations.

2. ANCHOR FOLD: The top of the mat should be folded under, buried and secured with wood or other approved anchors placed 6 inches apart. The top edge of the mat should be buried in a slot, 6 inches x 6 inches deep; anchored in the bottom of the slot, backfilled and the mat folded over the top as shown in detail.

3. LONGITUDINAL SEAMS: The adjacent edges of the mat should overlap a minimum of 6 inches, with anchors catching the edges of both mats.

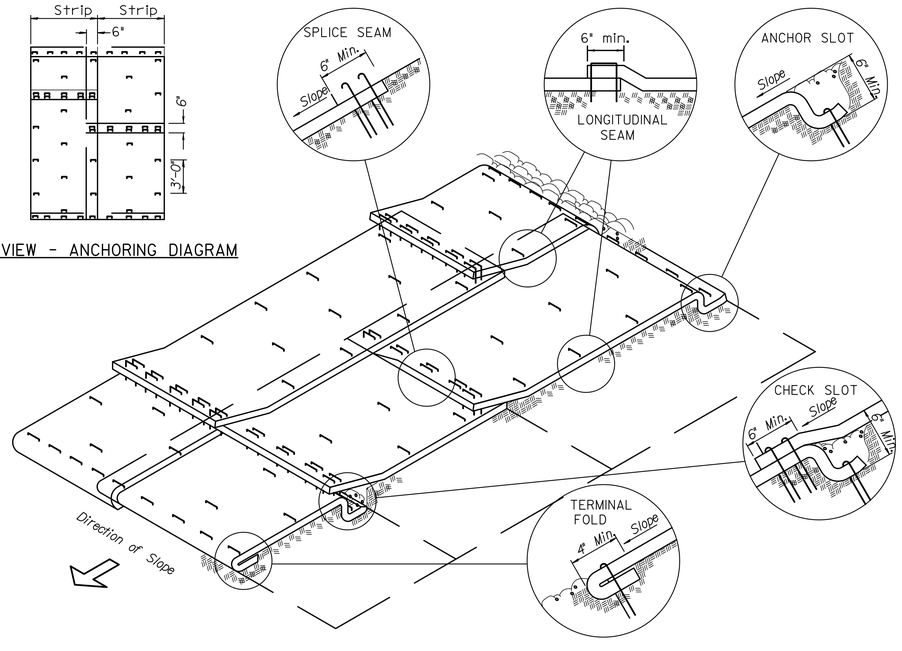
4. SPLICE SEAM: When splices are necessary, overlap end a minimum of 12 inches in direction of water flow. Stagger splice seams.

5. CHECK SLOTS: Establish check slots transverse to slope every 30 feet. The slots should be 6 inches wide x 6 inches deep. T he mat shall be cut to a length 12 inches beyond the slot. The top of the downstream mat shall be slotted in, secured and buried similar to the edge anchor fold. The upstream mat shall then cover the slot and be anchored as shown.

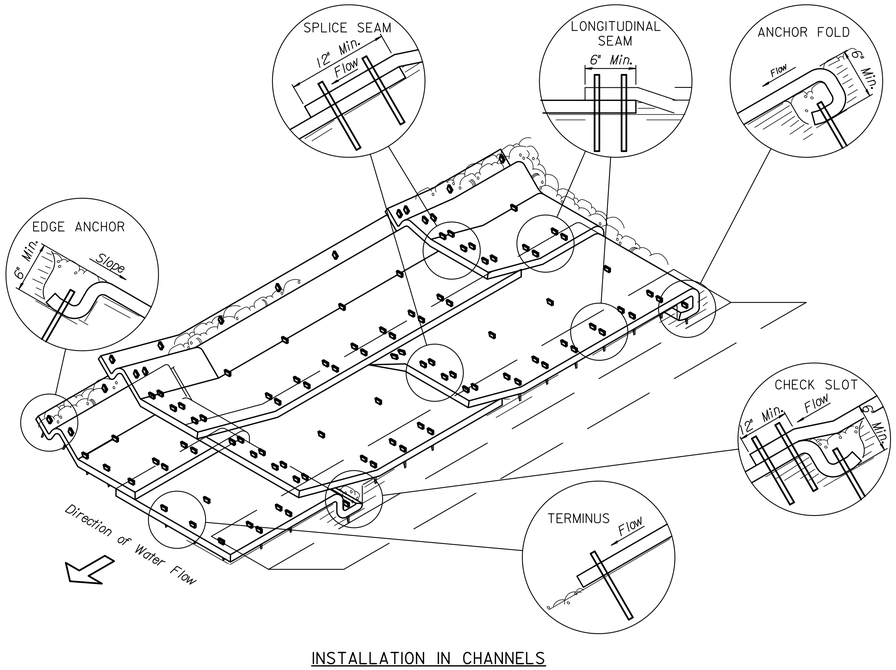
6. EDGE ANCHOR: Lay outside edge of mat into trench at top of side slope. Anchor at 3 foot intervals along trench.

7. TERMINUS: The bottom edge of the mat shall be anchored in place with anchors spread at 9 inch intervals along the terminating edge.

PLAN VIEW - ANCHORING DIAGRAM



INSTALLATION ON SLOPES



INSTALLATION IN CHANNELS

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

CENTRAL AVENUE IMPROVEMENTS FROM 135TH ST. W. TO 119TH ST. W.

FLEXIBLE DITCH LINING AND SLOPE PROTECTION

SHEET TITLE

472-84017

PROJECT NUMBER

DESIGN BY JRA

DRAWN BY WNJ

CHECKED BY JRA

ISSUED November 9, 2012

REVISED

SHEET NO. 70 of 220

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PLOTTED: Wednesday, November 14, 2012 @ 02:37PM