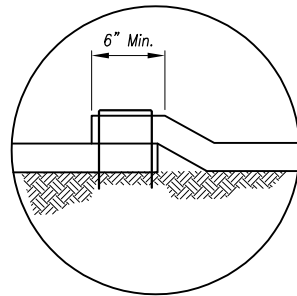
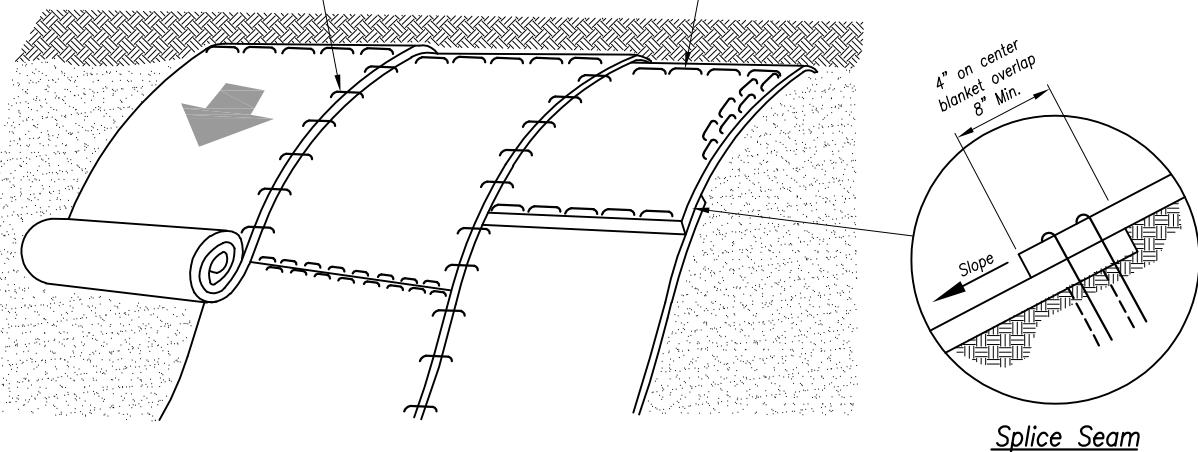
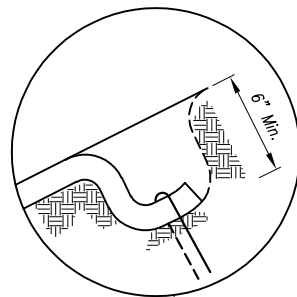


Longitudinal Seam



Anchor Slot



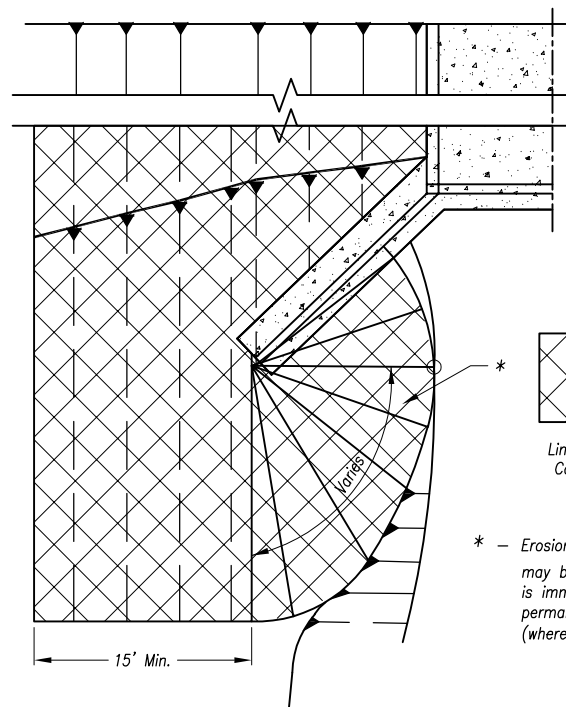
Splice Seam

Notes:

1. Overland Park Municipal Code (OPMC) and Overland Park Design and Construction Standards Manual (OPDCSM) are incorporated, except as otherwise noted.
2. Erosion Control Blankets and TRMs shall be laid in the direction of the slope. In order for blanket to be in contact with the soil, lay blanket loosely, avoiding stretching.
3. 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.
4. LONGITUDINAL SEAM: The edges of the blanket should overlap each other a minimum of 6 inches, with anchors catching the edges of both blankets.
5. SPLICE SEAM: When splices are necessary, overlap end a minimum of 8 inches in direction of water flow. Stagger splice seams.
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.
8. STAPLE PATTERN: Staple pattern and spacing shall be as required by the manufacturer.

Maintenance:

Torn or degraded product shall be repaired or replaced, unless such degradation is within the functional longevity specified by the manufacturer. Edges or seams which are loose or frayed shall be secured.

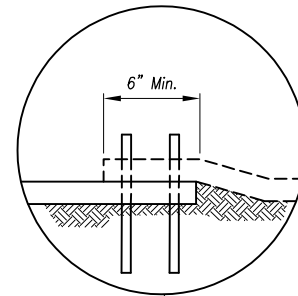


Partial Box Culvert Plan

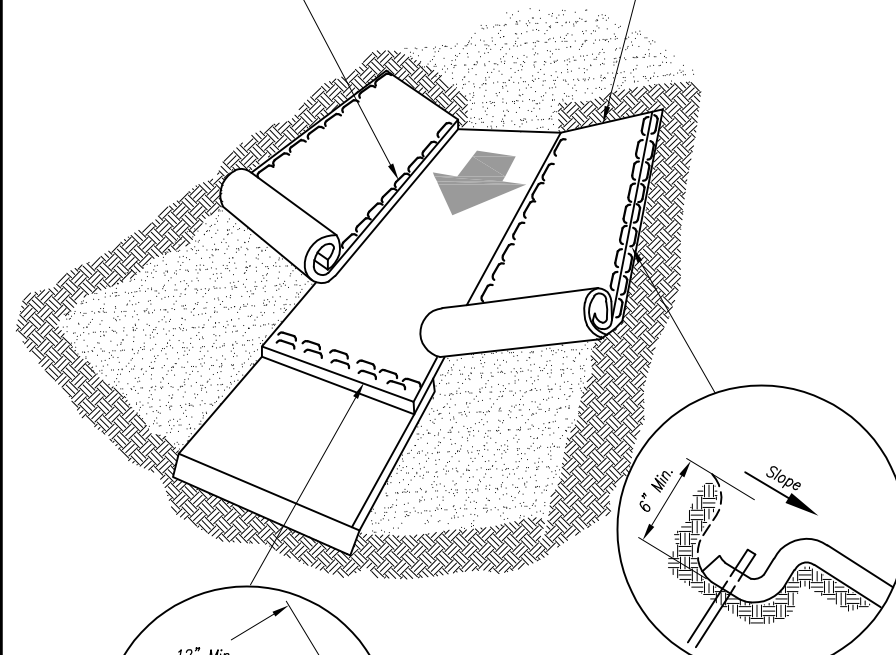
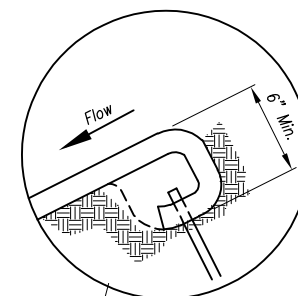
Not to Scale

SLOPE INSTALLATION

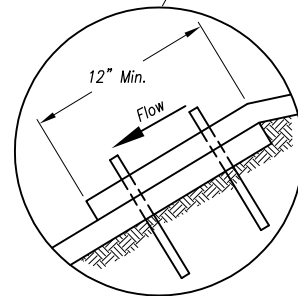
Longitudinal Seam



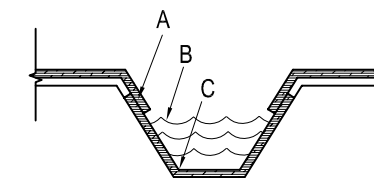
Anchor Fold



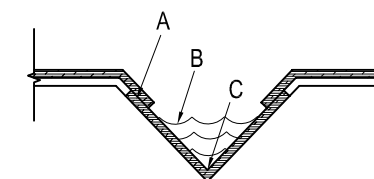
Edge Anchor



Splice Seam



Trapezoidal Channel



V Channel

Notes:

1. Overland Park Municipal Code (OPMC) and Overland Park Design and Construction Standards Manual (OPDCSM) are incorporated, except as otherwise noted.
2. Erosion Control Blankets and TRMs shall be laid 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.
3. 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 wide x 6 inches deep, anchored in the bottom of the slot, backfilled, and the mat folded over the top as shown in detail.
4. LONGITUDINAL SEAM: The adjacent edges of the mat should overlap a minimum of 6 inches, with anchors catching the edges of both mats.
5. SPLICE SEAM: When splices are necessary, overlap end a minimum of 12 inches in direction of water flow. Stagger splice seams.
6. CHECK SLOTS: Establish check slots transverse to slope every 30 feet. The slots should be 6 inches wide x 6 inches deep. The 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.
7. EDGE ANCHORS: Lay outside edge of mat into trench at top of the slope and anchor.
8. TERMINUS: The bottom edge of the mat shall be anchored.
9. TYPICAL ANCHORS: Anchor design shall be as recommended by the manufacturer.

Maintenance:

Torn or degraded product shall be repaired or replaced, unless such degradation is within the functional longevity specified by the manufacturer. Edges or seams which are loose or frayed shall be secured.

Critical Points:

- A - Overlaps and seams;
- B - Projected water line;
- C - Channel bottom / side slope vertices;

CHANNEL INSTALLATION

Year 2021 Edition

REVISIONS:	
RELATED ORDINANCES:	
OPMC Title 15	

OVERLAND PARK
KANSAS
ABOVE AND BEYOND. BY DESIGN.

DEPARTMENT OF PUBLIC WORKS
STANDARD DETAILS
EROSION CONTROL BLANKETS &
TURF REINFORCEMENT MATS

DATE: 01/10/2015 SHEET: 48