## METHOD FOR TREATING EDGES EXPOSED TO FLOW ANCHOR TRENCHES AND PERPENDICULAR OVERLAP SEAMS TRENCH INITIAL LEADING AND ENDING EDGES OF INSTALLATION AREAS 24" IN DEPTH INTO VERTICAL ANCHOR 18" U-ANCHORS INSTALLED IN 2' TRENCH. ANCHOR TRENCH SHALL EXTEND 24" BEYOND THE INCREMENTS ACROSS OVERLAP. ANTICIPATED SCOUR POINT. COMPACT ANCHOR TRENCH **INSTALL ANCHOR PERPENDICULAR** FLEXAMAT PLUS UV-T TO FLOW BEHIND BLOCK WITH SUITABLE FILL (DETERMINED BY EOR) **PANELS AND UNDERLAYMENT ARE** SHINGLED 18" UNDER **FLOW INFILL OVERLAPPED MAT UPSTREAM PANEL** WITH SOIL AND SEED SEED AND FERTILIZE **SUBGRADE** 18" ANCHOR TRENCH AT CREST OF SLOPE 18' 18" ANCHOR TRENCH AT TOE OF SLOPE **ANCHOR TRENCHES: FLEXAMAT PLUS UV-T UNDERLAYMENT** 18" U-ANCHORS INSTALLED MINIMUM 24" PERPENDICULAR TO FLOW IN ANCHOR TRENCH AT

## FLEXAMAT PLUS UV-T - STREAM & RIVERBANK MAT LAYOUT PARALLEL WITH FLOW

OF MAT 18" BEYOND ANTICIPATED SCOUR POINT

EXTEND FLEXAMAT PLUS BELOW ORDINARY LOW WATER

MARK. FOR STREAMS WITH TOE SCOUR, TRENCH BOTTOM

## **CONSTRUCTION NOTES:**

- 1. AN ENGINEER OR MANUFACTURERS REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
- 2. THE STREAM OR RIVERBANK MUST BE STABLE, UNIFORMLY GRADED, FREE OF ROCKS, ROOTS, AND OTHER DEBRIS.
- 3. PRIOR TO THE FLEXAMAT PLUS UV-T INSTALLATION SEED AND FERTILIZE THE SUBGRADE WITH SITE SPECIFIC MIX; INCLUDING NATIVE GRASSES, IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
- 4. FLEXAMAT PLUS UV-T ARMOR SHALL BE CONTINUOUS THE ENTIRE LENGTH OF SLOPE. FLEXAMAT PLUS UV-T IS AVAILABLE IN WIDTHS OF 4', 5.5', 8', 10', 12', AND 16'. MATS SHALL BE INSTALLED PARALLEL WITH STREAM FLOW WHEN ARMORED SLOPE LENGTH IS LESS THAN 16', INCLUDING MATERIAL FOR ANCHOR TRENCHES. IF SLOPE IS LONGER THAN 16' SEE STREAM BANK INSTALLATION PERPENDICULAR TO FLOW INSTALLATION DETAIL.
- 5. THE INITIAL LEADING AND ENDING EDGES OF FLEXAMAT PLUS UV-T INSTALLATION AREA SHALL BE EMBEDDED 24" VERTICALLY BEYOND THE ANTICIPATED SCOUR POINT. THE ANCHOR TRENCH SHALL BE FILLED AND COMPACTED WITH SUITABLE FILL. (AS SPECIFIED BY EOR).
- 5.1. INSTALL 18" VERTICAL ANCHOR TRENCH AT CREST OF SLOPE.

5-PICK LENO

RECYCLEX TRM

WEAVE

- 6. FOR ADDITIONAL SECTIONS OF MAT, OVERLAP THE DOWNSTREAM SECTION 18" WITH UPSTREAM SECTION OF MAT. PRIOR TO INSTALLING OVERLAP, FLIP UPSTREAM MAT BACK 24".

  EXCAVATE 2.25" OF SOIL 18" FROM THE END OF THE UPSTREAM MAT. DOWNSTREAM SECTION IS THEN LAID IN THE SHALLOW TRENCH. RETURN AND TAMP SOIL OVER INITIAL EDGE AND SECTION AREA. FLIP END OF UPSTREAM MAT OVER THE SOIL COVERED INITIAL LEADING EDGE. FLIP END OF UPSTREAM MAT OVER THE SOIL COVERED INITIAL LEADING EDGE. FLIP END OF UPSTREAM MAT OVER THE SOIL COVERED INITIAL LEADING EDGE.
- 7. INSTALL 18" U-ANCHORS IN 2' INCREMENTS ACROSS THE OVERLAP. INSTALL ANCHORS DIRECTLY BEHIND BLOCKS. U-ANCHORS CONSIST OF #3 REBAR WITH 18" LEGS.
- 8. AT THE END OF THE ARMORED STREAM BANK, EMBED THE MAT 24" PAST THE ANTICIPATED SCOUR POINT IN A TERMINATION TRENCH. THE TRENCH SHALL BE FILLED AND COMPACTED WITH SUITABLE FILL OR OTHER (AS SPECIFIED BY EOR).

## MOTZ ENTERPRISES, INC.

2' INCREMENTS BEHIND FIRST

**EXPOSED BLOCK ON LEADING** 

AND ENDING EDGES

**LEADING AND** 

ENDING EDGES.

18" ANCHOR TRENCH

AT CREST AND TOE

OF SLOPE

Flexamat (513)772-6689 Info@Flexamat.com Flexamat.com



REV -