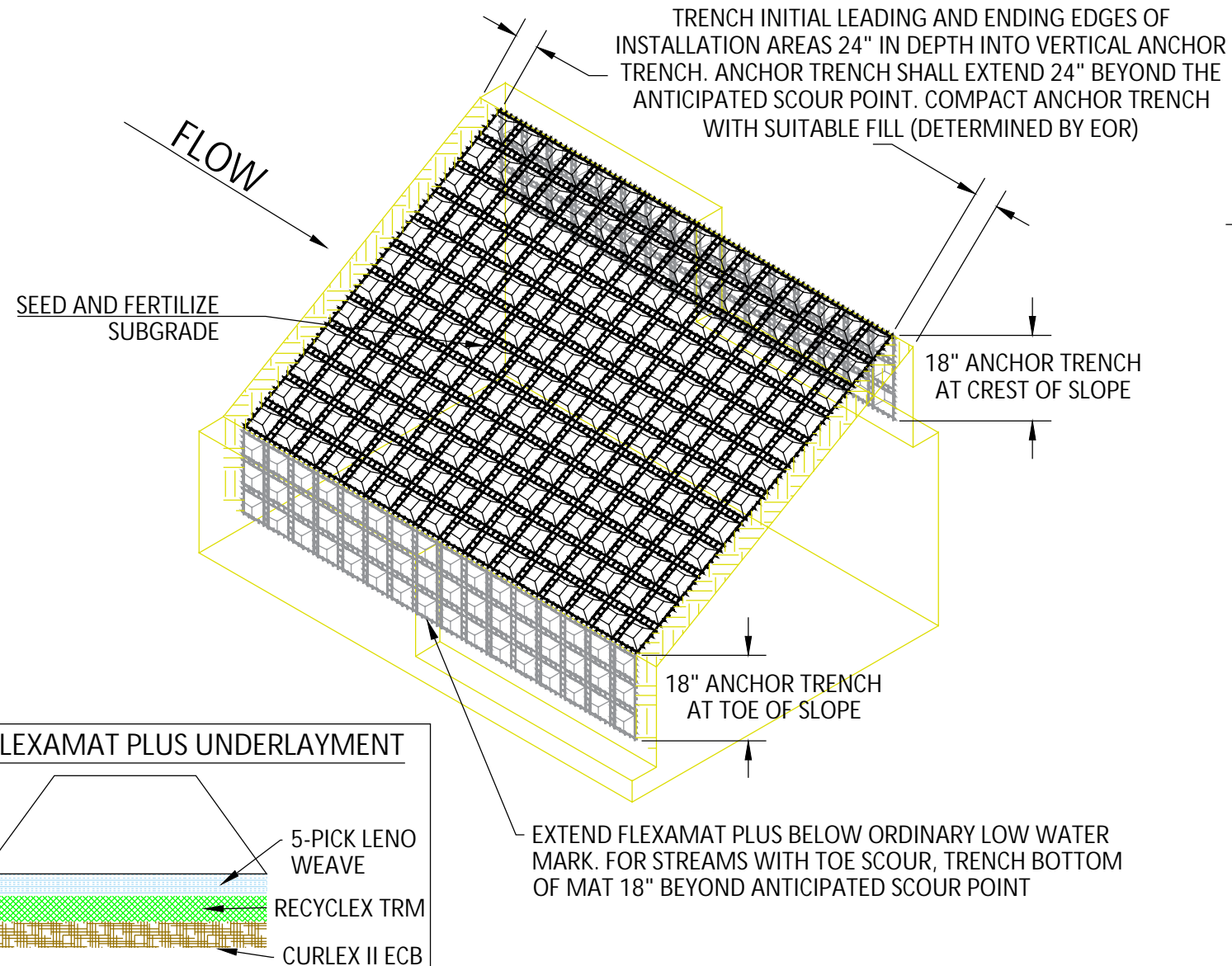
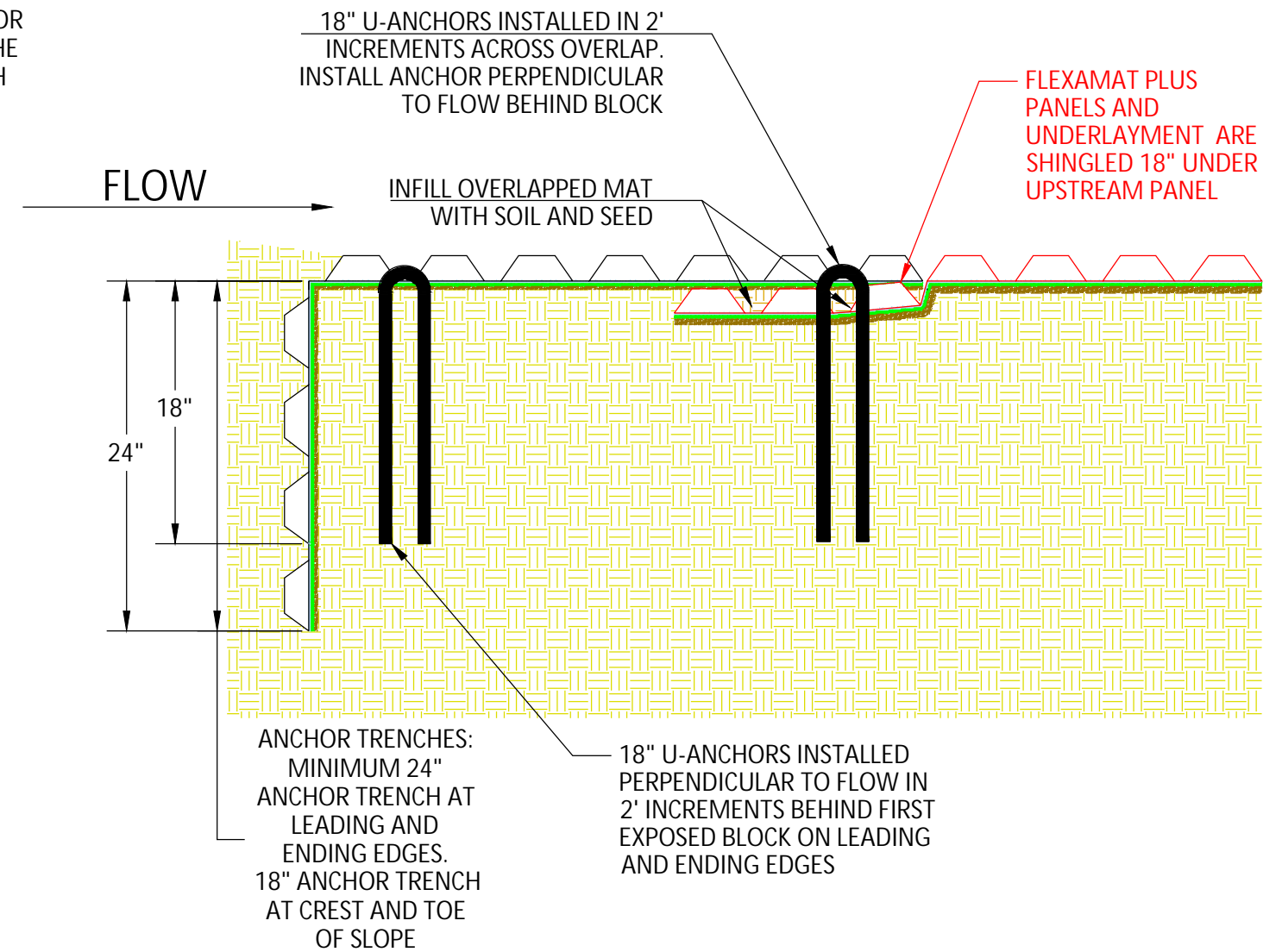


METHOD FOR TREATING EDGES EXPOSED TO FLOW



ANCHOR TRENCHES AND PERPENDICULAR OVERLAP SEAMS



FLEXAMAT PLUS - STREAM & RIVERBANK MAT LAYOUT PARALLEL WITH FLOW

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 INSTALLATION SEED AND FERTILIZE THE SUBGRADE WITH SITE SPECIFIC MIX; INCLUDING NATIVE GRASSES, IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
4. FLEXAMAT PLUS ARMOR SHALL BE CONTINUOUS THE ENTIRE LENGTH OF SLOPE. FLEXAMAT PLUS 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 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.
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 SEED 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 OF DOWNSTREAM MAT.
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.**

Flexamat

(513)772-6689

Info@Flexamat.com

Flexamat.com

