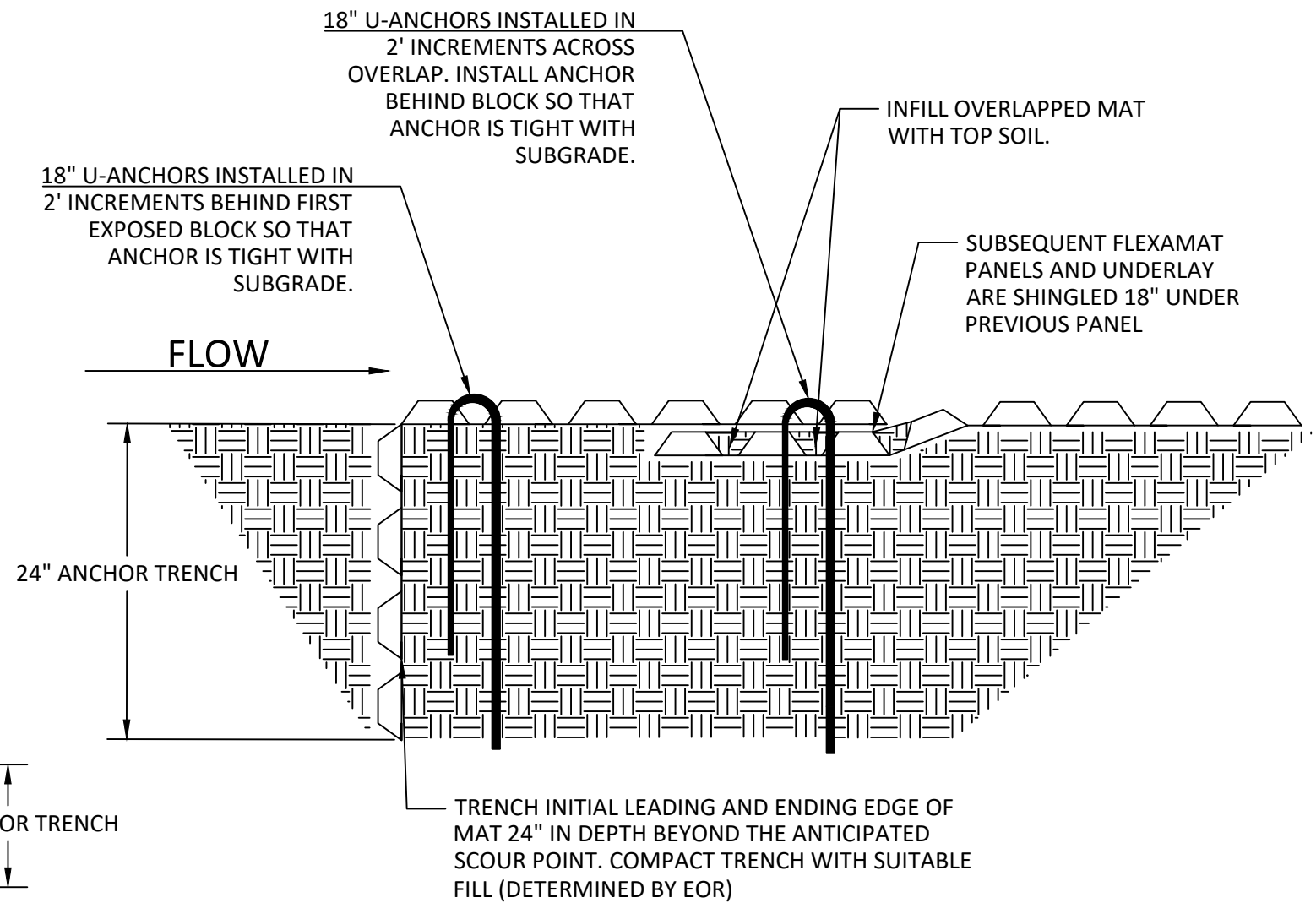


SIDE PROFILE - STREAM BANK



PROFILE VIEW - PERPENDICULAR OVERLAPS

STREAM BANK MAT LAYOUT PARALLEL WITH FLOW INSTALLATION DETAIL

CONSTRUCTION NOTES:

1. THE RIVERBANK MUST BE STABLE, UNIFORMLY GRADED, FREE OF ROCKS, ROOTS, AND OTHER DEBRIS.
2. SITE SPECIFIC SEED MIXES, INCLUDING NATIVE GRASSES, SHOULD BE INSTALLED ON THE PREPARED SUBGRADE PRIOR TO INSTALLING THE FLEXAMAT EROSION CONTROL MATERIALS.
3. FLEXAMAT ARMOR SHALL BE CONTINUOUS THE ENTIRE LENGTH OF SLOPE. FLEXAMAT IS AVAILABLE IN WIDTHS OF 4', 5.5', 8', 10', 12', AND 16'. MATS SHALL BE INSTALLED PARALLEL WITH FLOW WHEN ARMORED SLOPE LENGTH IS LESS THAN 16', INCLUDING MATERIAL FOR ANCHOR TRENCHES.
 - 3.1. FOR AREAS NEEDING PROTECTION FOR SLOPES LARGER THAN 16', FOLLOW THE DETAIL FOR PERPENDICULAR TO FLOW MAT LAYOUT INSTALLATION METHOD.
4. THE INITIAL LEADING EDGE OF FLEXAMAT EXPOSED TO FLOW SHALL BE EMBEDDED 24" VERTICALLY BEYOND THE ANTICIPATED SCOUR POINT. THE ANCHOR TRENCH SHALL BE FILLED AND COMPACTED WITH SUITABLE FILL OR OTHER (AS SPECIFIED BY EOR).
5. 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 TOP SOIL 18" FROM THE END OF THE UPSTREAM MAT. DOWNSTREAM SECTION IS THEN LAID IN THE SHALLOW TRENCH. LIGHTLY SPREAD TOPSOIL OVER INITIAL 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 OF DOWNSTREAM MAT.
6. INSTALL 18" U-ANCHORS IN 2' INCREMENTS ACROSS THE OVERLAP. INSTALL ANCHORS DIRECTLY BEHIND BLOCKS. U-ANCHORS CONSIST OF #3 REBAR WITH 18" LEGS.
7. AT THE LEADING AND ENDING EDGES OF THE ARMORED STREAM BANK, EMBED THE MAT 24" PAST THE ANTICIPATED SCOUR POINT IN A ANCHOR TRENCH. THE TRENCH SHALL BE FILLED AND COMPACTED WITH SUITABLE FILL OR OTHER (AS SPECIFIED BY EOR).

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