



CONSTRUCTION NOTES:

1. THE RIVER BANK SUBGRADE 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 SUB GRADE PRIOR TO INSTALLING THE FLEXAMAT (OR SIMILAR PRODUCT) EROSION CONTROL MATERIALS.
3. THE TOP EDGE OF THE FLEXAMAT (OR SIMILAR PRODUCT) SHOULD BE A MINIMUM OF 3' ABOVE THE EXPECTED HIGH WATER ELEVATION OF THE RIVER AND THE BOTTOM EDGE SHOULD BE A MINIMUM OF 4" BELOW THE EXPECTED LOW WATER ELEVATION. FOR APPLICATIONS WHERE WATER DEPTH IS BELOW 4', MAT SHALL EXTEND 2' PAST THE TOE.
4. FLEXAMAT IS AVAILABLE IN WIDTHS OF 4', 5.5', 8', 10', 12', AND 16'.
 - 4.1. FOR WIDTHS WIDER THAN 16', INSTALL MATS ADJACENT TO ONE ANOTHER. BRIDGE LONGITUDINAL SEAM WITH 48" UNDERLAYMENT. 24" OF UNDERLAYMENT SHALL BE UNDER EACH MAT AND DIRECTLY AGAINST THE SUBGRADE.
 - 4.2. FLIP FLEXAMAT SECTIONS BACK INTO PLACE SO THAT THEY FIT TIGHTLY.
 - 4.3. SECURE FLEXAMAT TO SEAM BY INSTALLING U-ANCHORS IN 3' INCREMENTS THE LENGTH OF THE LONGITUDINAL SEAM. U-ANCHORS CONSIST OF #3 REBAR BENT INTO A U WITH 18" LEGS.
5. 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).
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 END OF UPSTREAM MAT. DOWNSTREAM SECTION IS LAID IN THE SHALLOW TRENCH. LIGHTLY SPREAD TOPSOIL OVER INITIAL 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 "U" ANCHOR 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 ANCHOR TRENCH SHALL BE FILLED AND COMPACTED WITH SUITABLE FILL OR OTHER (AS SPECIFIED BY EOR).

1	FLEXAMAT
M1	MANUFACTURER'S DRAWINGS

1	ISSUED FOR TENDER	16/10/19MN
Date	Scale	AS NOTED
Designed By	Drawn By	Checked By

McGowan Russell
Client
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Project Title
**JOHN BRUCE PARK
SEINE RIVERBANK
STABILIZATION**

Sheet Title
DETAILS