



**FLEX-A-MAT INFORMATION**

Manufacturer: Motz Enterprises, Inc.  
 Product Name: Flex-a-mat™  
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**CONSTRUCTION NOTES:**

1. GRADE A RADIAL CHANNEL SO THAT WATER WILL FLOW DOWN THE CENTER OF THE CHANNEL AND BE CONTAINED TO THE CHANNEL. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND. THE PREPARED SURFACE SHALL PROVIDE A FIRM UNYIELDING FOUNDATION FOR THE MATS WITH NO SHARP OR ABRUPT BREAKS IN THE GRADE.
2. APPLY SEED DIRECTLY TO THE PREPARED SOIL PRIOR TO FLEX-A-MAT INSTALLATION. USE SEED PER PROJECT SPECIFICATIONS.
3. INSTALL FLEX-A-MAT ROLLS. AVAILABLE WIDTHS ARE 5.5', 8', 10', & 16'. LENGTHS OF 30', 40', 50'. TO CONNECT MATS: SECTIONS OF MAT WITH SEAMS PERPENDICULAR TO THE WATER FLOW ARE CONNECT VIA A GEOGRID SEAM. LONGITUDINAL JOINTS DO NOT REQUIRE CONNECTING. THE SEAMS CONSIST OF A 4' SECTION OF HIGH STRENGTH GEOGRID THE WIDTH OF THE CHANNEL. 24" OF THE SEAM GOES UNDERNEATH THE UPSTREAM SECTION OF MAT, 24" LAYS UNDER THE DOWNSTREAM SECTION OF MAT. THE SEAM IS THEN TIED TO THE UPSTREAM SECTION OF MAT AND DOWNSTREAM SECTION OF MAT USING HEAVY DUTY TIES IN 1' INCREMENTS ACROSS THE SEAM. TIES CONSIST OF ¼" ZIP TIES.
4. THE INITIAL LEADING EDGE OF FLEX-A-MAT IS EMBEDDED 18" VERTICALLY INTO THE GROUND TO SERVE AS AN ANCHOR TRENCH.

**FLEX-A-MAT™ STANDARD DITCH PROFILE  
 PLAN VIEW  
 NTS**