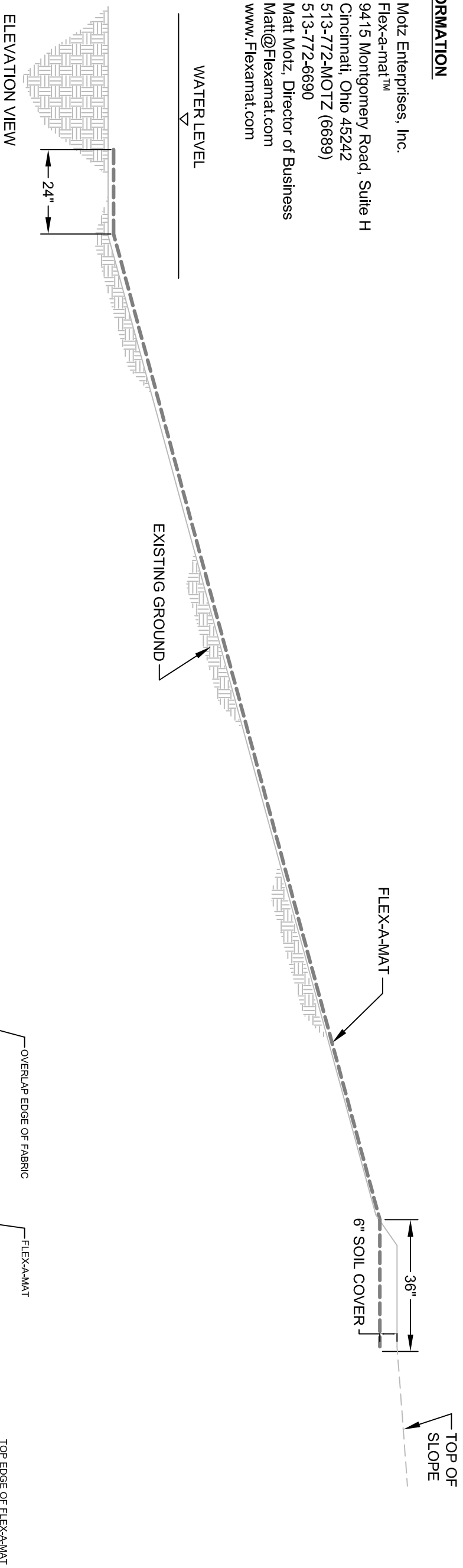


FLEX-A-MAT INFORMATION

Manufacturer: Motz Enterprises, Inc.
 Product Name: Flex-a-mat™
 Address: 9415 Montgomery Road, Suite H
 Cincinnati, Ohio 45242
 Telephone: 513-772-MOTZ (6689)
 Fax: 513-772-6690
 Contact: Matt Motz, Director of Business
 Development
 Website: Matt@Flexamat.com
 www.Flexamat.com

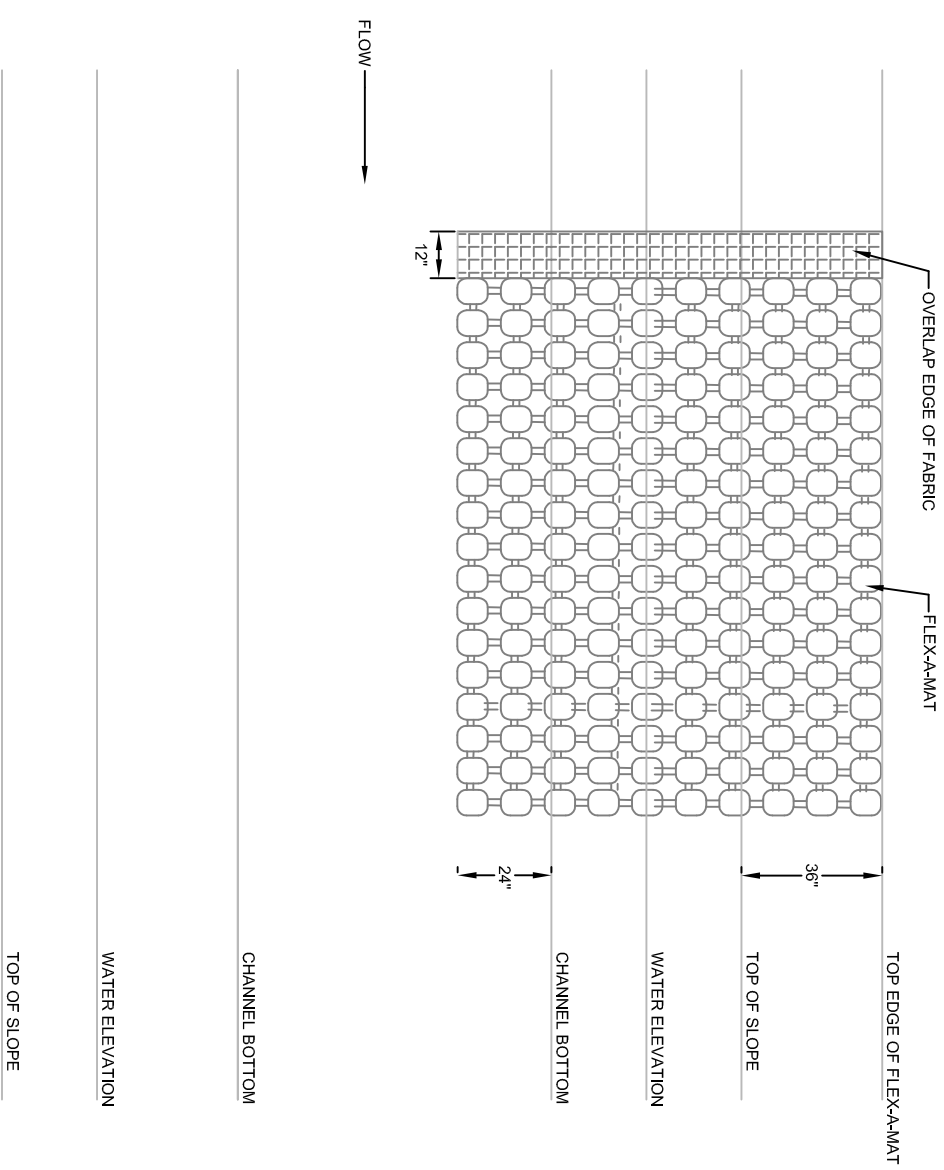


OVERVIEW OF CANAL BANK FLEX-A-MAT INSTALLATION:

1. IF THE SIDE SLOPES ARE 3:1 OR GREATER, EDGE THE TOPSOIL AN AREA 36" IN WIDTH X 6" IN DEPTH ALONG THE CREST OF THE SIDE SLOPE AS SHOWN IN FIGURE 2. THIS IS NOT NECESSARY IF THE SIDE SLOPES ARE LESS THAN 3:1.
2. GRADE AND COMPACT THE AREA OF THE FLEX-A-MAT PROTECTION AS DIRECTED AND APPROVED BY THE ENGINEER. THE AREA MUST BE CLEARED OF ALL ROCKS, CLODS, OR OTHER OBJECT THAT WOULD NOT ALLOW FLEX-A-MAT TO HAVE DIRECT CONTACT WITH THE SUBGRADE.
3. PREPARE THE AREA FOR SEEDING BY LOOSENING THE TOP 2 - 3" OF THE SOIL.
4. APPLY SEED DIRECTLY TO THE PREPARED SOIL. USE SEED/FERTILIZER PER PROJECT SPECIFICATIONS.
5. USING AN EXCAVATOR, SET THE FLEX-A-MAT ROLL IN PROPER POSITION TO BE UNROLLED INTO PLACE. MAKE SURE THE 12" TAIL OF GEOGRID EXTENDS FROM THE UPSTREAM SIDE OF THE FLEX-A-MAT.
 - AREA OF PROTECTION IS GREATER THAN 16':
 - START INSTALLATION ON THE DOWNSTREAM END OF THE PROJECT. BEGINNING 36" FROM THE SLOPE OF THE CANAL BANK, FLEX-A-MAT WILL BE UNROLLED PERPENDICULAR TO THE CANAL, DOWN THE LENGTH OF THE SLOPE AND OVER THE CANAL BASE 24"
 - PLACE THE NEXT ROLL OF FLEX-A-MAT SO THAT THE MAT WILL OVERLAP THE PREVIOUS SECTION'S 12" TAIL OF GEOGRID, CREATING AN OVERLAP.
 - AREA OF PROTECTION IS 16' OR LESS:
 - START INSTALLATION ON THE DOWNSTREAM END OF THE PROJECT. UNROLL THE FLEX-A-MAT PARALLEL TO THE CANAL SO THAT 36" OF THE MAT IS BELOW THE WATERLINE.
11. IF THE SIDE SLOPE ARE 3:1 OR GREATER; AS THE INSTALLATION PROGRESSES, USE EXCAVATOR TO SPREAD THE REMOVED TOPSOIL ONTO THE FLEX-A-MAT INSTALLED IN THE 36" WIDE X 6" DEEP AREA AT THE TOP OF THE CANAL BANK. GRADE IT SO THAT IT IS A SMOOTH TRANSITION TO THE LANDSCAPE.
12. ONCE THE PROJECT HAS REACHED THE UPSTREAM END, EXCAVATE A TRENCH 12" DEEP ACROSS THE AREA WHERE THE INITIAL LEADING EDGE OF FLEX-A-MAT WILL BE INSTALLED. AFTER THE FLEX-A-MAT IS INSTALLED, BACKFILL THE TRENCH WITH THE REMOVED SOIL.

SPECIAL TRANSITIONS:
 CONSULT MANUFACTURER FOR APPLICATIONS THAT REQUIRE SPECIAL TRANSITIONS TO EXISTING ROCK RIP RAP, CONCRETE OR OTHER REVELTMENT SYSTEMS.

PLAN VIEW



**FLEX-A-MAT™
 CANAL BANK INSTALLATION DETAIL
 NTS**

