



FLEXAMAT - GEOTEXTILE CHANNEL

CONSTRUCTION NOTES:

1. AN ENGINEER OR MANUFACTURERS REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
2. GRADE CHANNEL SO THAT WATER WILL FLOW DOWN 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.
3. INSTALL 10oz NON-WOVEN GEOTEXTILE UNDERLAYMENT PRIOR TO FLEXAMAT INSTALLATION. OVERLAP GEOTEXTILE SEAMS 24".
4. INSTALL FLEXAMAT ROLLS THAT ARE 15.5' WIDE WITH A 12" GEOGRID EXTENSION. OUTSIDE EDGES OF MATS EXPOSED TO INCOMING SURFACE FLOW SHALL HAVE THE OUTSIDE TWO BLOCKS RECESSED. INSTALL UPSTREAM MATS OVER THE GEOGRID EXTENSIONS OF DOWNSTREAM MATS.
5. INSTALL STAINLESS STEEL ZIP TIES IN 1' INCREMENTS ACROSS MAT OVERLAPS TO SECURE SEAMS. STAINLESS STEEL ZIP TIE SHALL PENETRATE A MINIMUM OF THREE CORDS OF GRID OF EITHER MAT AT OVERLAPS.
6. AT THE BEGINNING OF THE FLEXAMAT ARMOR, EMBED THE MATTING IN 4000 PSI CONCRETE TO TRANSITION TO CULVERT STRUCTURE.
7. AT THE END OF THE ARMORED CHANNEL, EMBED THE MAT 18" IN A TERMINATION TRENCH. FILL AND COMPACT TERMINATION TRENCH WITH COHESIVE SOIL.
8. INFILL THE MATTING WITH 2" OF TOPSOIL BETWEEN BLOCKS.
9. HYDROSEED OVER THE FLEXAMAT SOIL INFILL WITH NATIVE SEED.

**MOTZ
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