



FLEXAMAT - SLOPE ARMORING DETAIL

CONSTRUCTION NOTES:

1. AN ENGINEER OR MANUFACTURERS REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
2. GRADE THE SITES SO THAT WATER WILL NOT FLOW ABOVE, BELOW, OR AROUND THE OUTSIDE OF THE AREA PROTECTED WITH FLEXAMAT. 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. WHEN VEGETATION IS DESIRED, SEED AREA WITH SITE SPECIFIC SEED, MIX PRIOR TO MAT INSTALLATION.
4. INSTALL FLEXAMAT ROLLS THAT ARE 15.5' WIDE WITH A 12" GEOGRID EXTENSION AND 6" UNDERLAYMENT EXTENSION. INSTALL MATS SO THAT THE MATTING EXTENDS 36" PAST CREST OF SLOPE AND INTO AN 18" ANCHOR TRENCH. MATS SHALL EXTEND PAST THE TOE OF THE SLOPE A MINIMUM OF 5'.
5. INSTALL SUBSEQUENT MATS OVER THE GEOGRID EXTENSION OF THE PREVIOUSLY INSTALLED MAT.
6. INSTALL 18" U-ANCHORS IN 2' INCREMENTS ACROSS MAT OVERLAPS TO SECURE SEAMS. U-ANCHORS SHALL PENETRATE SUBSEQUENT MATS EXTENSION.
7. AT THE END OF THE ARMORED SLOPE, IF HEAD CUT IS ANTICIPATED, EMBED THE MAT 18" IN A TERMINATION TRENCH. FILL AND COMPACT TERMINATION TRENCH WITH COHESIVE SOIL.

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