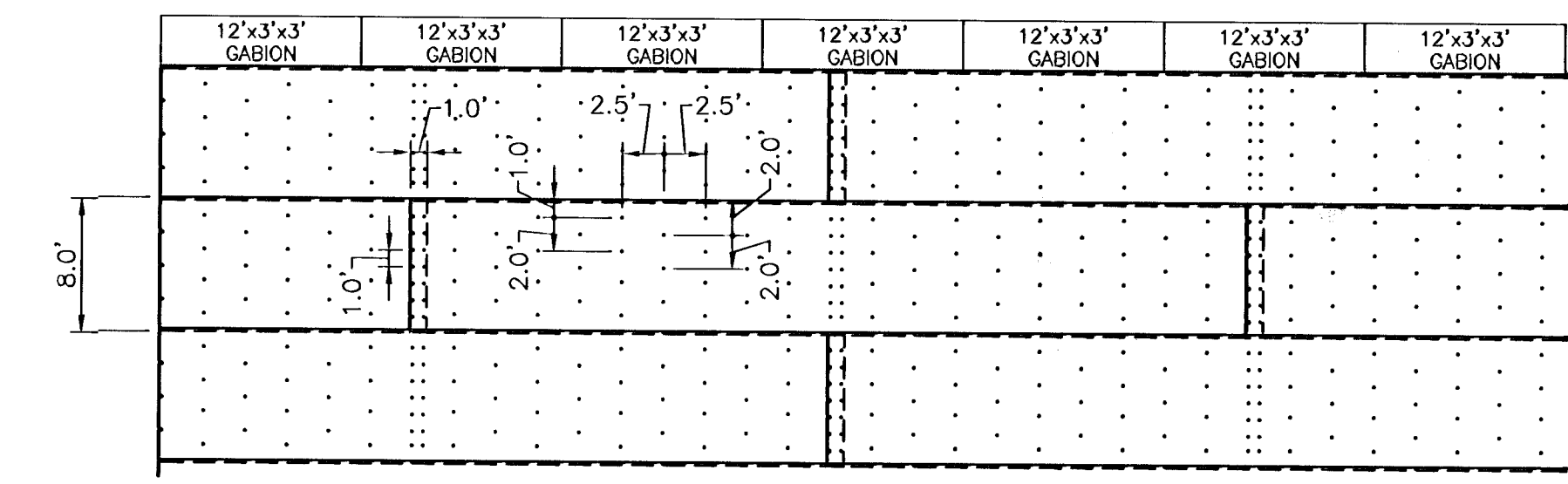
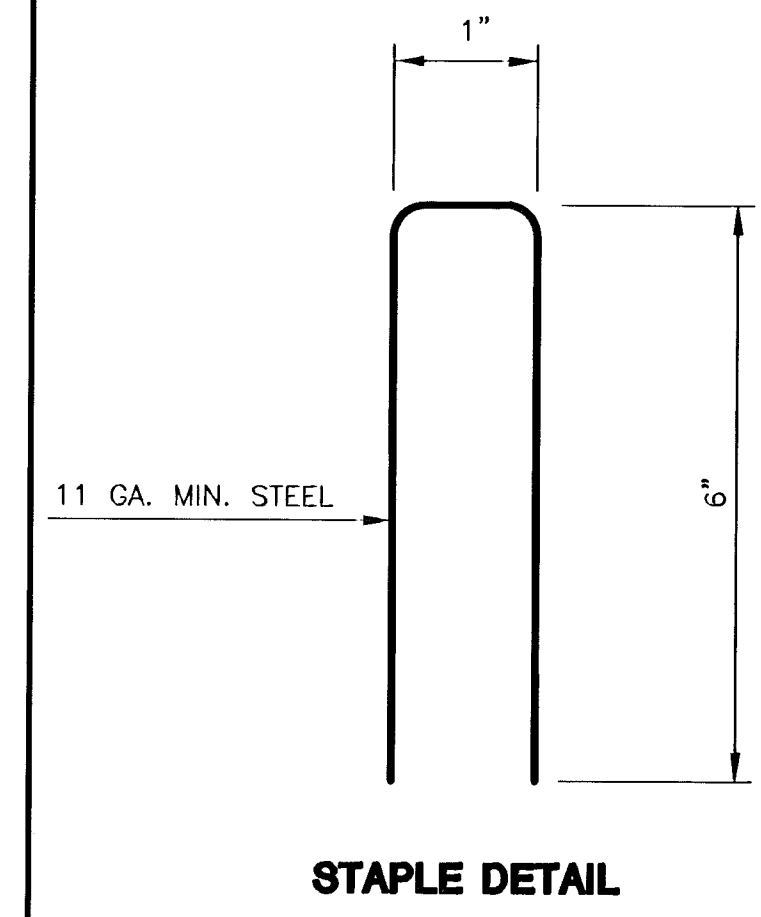
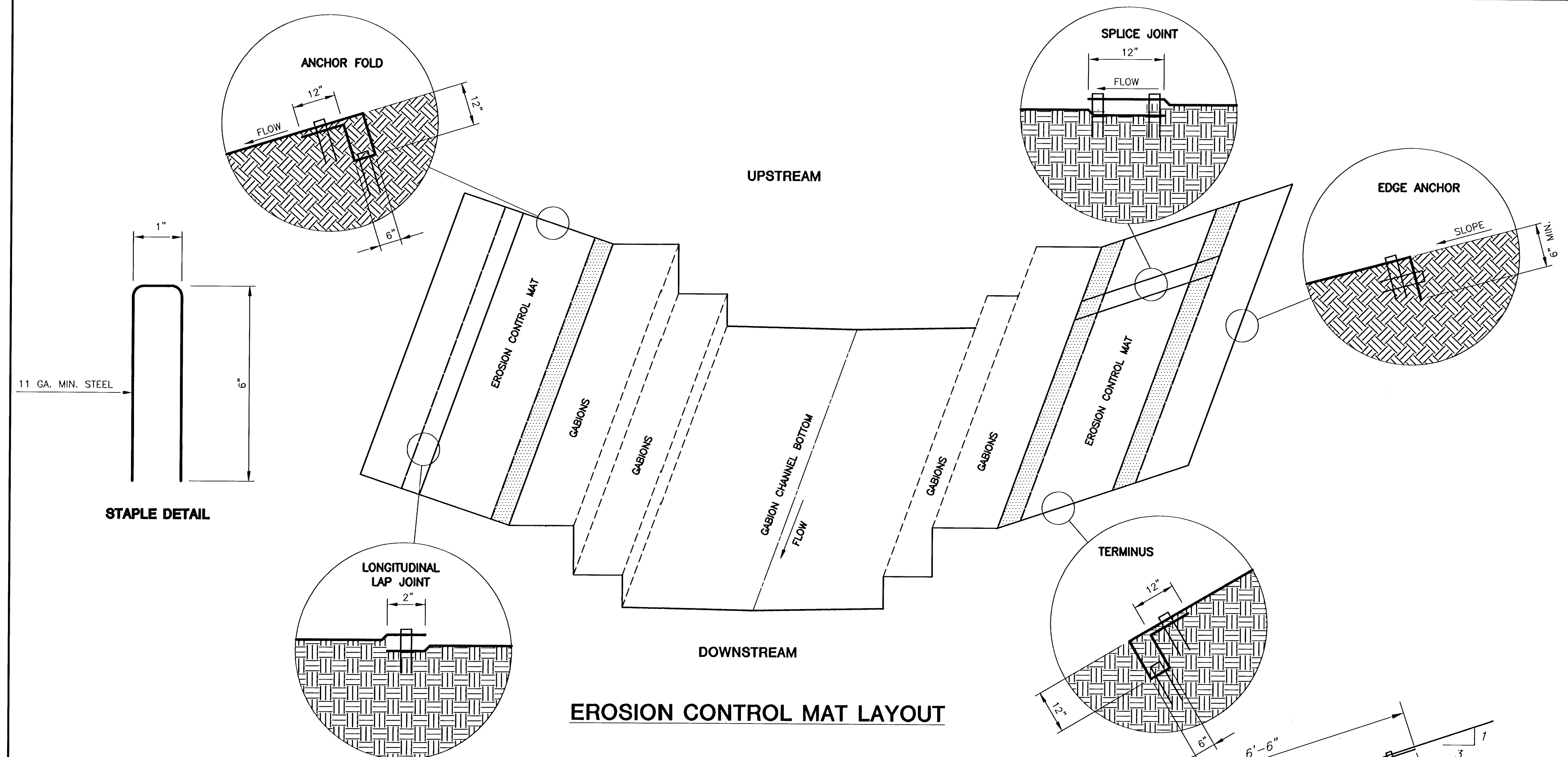


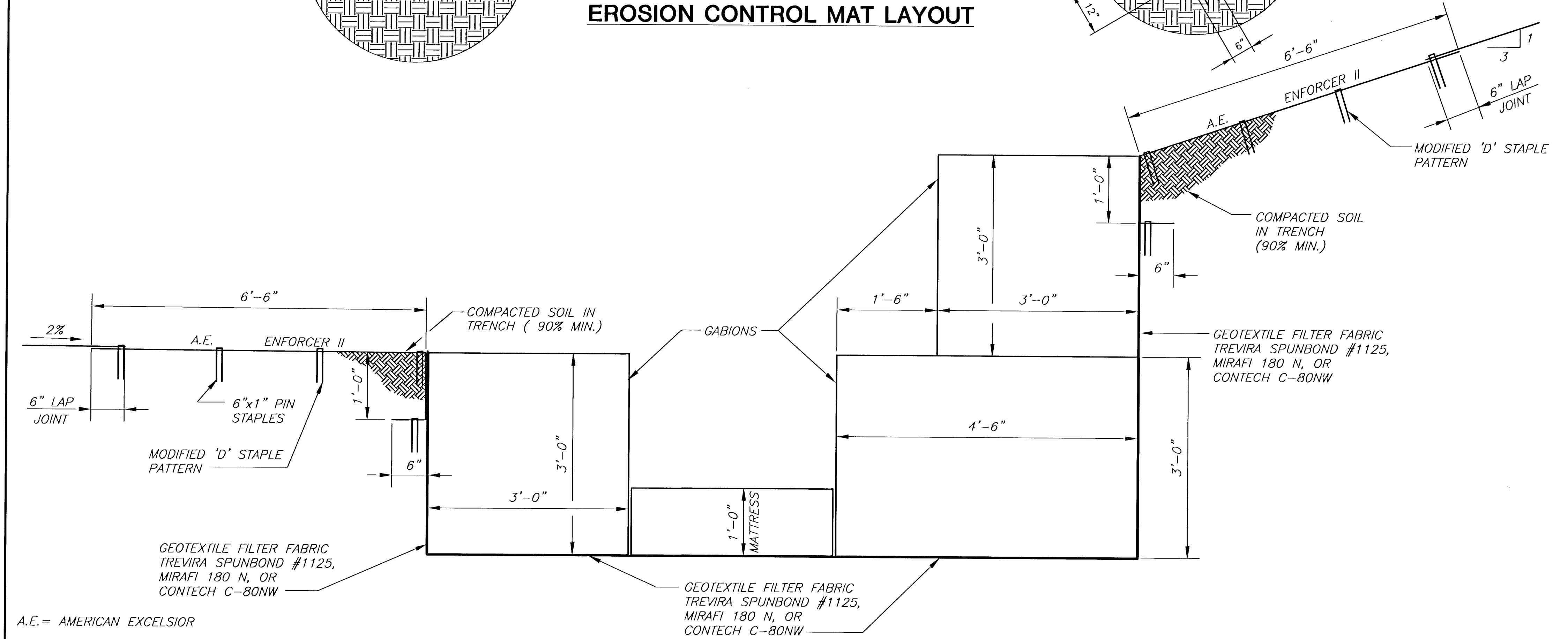
INSTALLATION DETAILS FOR PERMANENT EROSION CONTROL

CONTRACTOR SHALL INSTALL AMERICAN EXCELSIOR ENFORCER II OR EQUAL AFTER SEEDING PER MANUFACTURER'S SPECIFICATIONS, WITH "D" STAPLE PATTERN (3.5 STAPLES/S.Y.). BCMR SHALL EXTEND FROM GABION WALL UP SIDESLOPE. BCMR SHALL BE LAID IN THE DIRECTION OF FLOW, WITH THE FIRST COURSE AT THE TOP OF GABIONS. THE BCMR SHALL BE IN CONTACT WITH THE SOIL. ALL EDGES SHALL BE TRENCHED. THE CONTRACTOR SHALL REQUEST A MANUFACTURER'S TECHNICAL REPRESENTATIVE BE ON SITE DURING INSTALLATION TO APPROVE INSTALLATION PROCEDURES.

1. LONGITUDINAL LAP JOINTS: THE ADJACENT EDGES OF THE BCMR SHOULD OVERLAP A MINIMUM OF 2 INCHES, WITH STAPLES SPACED 1 FT APART. STAPLES SHOULD CATCH THE TOP EDGE @ 5'-0" SPACING.
2. SPLICE JOINT: WHEN SPLICES ARE NECESSARY, OVERLAP END A MINIMUM OF 12 INCHES IN DIRECTION OF WATER FLOW. STAGGER SPLICE SEAMS. (DOUBLE STAPLE SPLICE JOINT @ 12" SPACING).
3. CHECK TIE DOWNS: ESTABLISH CHECK TIE DOWNS TRANSVERSE TO SLOPE AT 1/2 ROLL. (DOUBLE ROW OF STAPLES @ 12" SPACING).
4. EDGE ANCHOR: LAY OUTSIDE EDGE OF BCMR INTO TRENCH AT TOP OF SIDE SLOPE. STAPLE AT 5 FOOT INTERVALS ALONG TRENCH.
5. ANCHOR/TERMINALS FOLD: THE BCMR SHOULD BE FOLDED UNDER, BURIED AND SECURED WITH STAPLES PLACED 12 INCHES APART THE TOP EDGE OF THE BCMR SHOULD BE BURIED IN A SLOT, 6" WIDE X 12" DEEP; STAKED IN THE BOTTOM OF THE SLOT, BACKFILLED AND THE BCMR FOLDED OVER THE TOP AS SHOWN IN DETAIL.



TYPICAL "D" STAPLE PATTERN
NOT TO SCALE



A.E. = AMERICAN EXCELSIOR

GEOTEXTILE FILTER FABRIC TREVIRA SPUNBOND #1125, MIRAFI 180 N, OR CONTECH C-80NW

BCRM - BIO-COMPOSITE REINFORCEMENT MATTING



AREA "K" PART 2 - PHASE 2
WICHITA DRAINAGE CANAL
PROJECT NAME

EROSION CONTROL MAT DETAILS
SHEET TITLE

| | | |
|-------------------|----------------------|---------------------|
| JNJ DESIGN BY: | MLW/RSB DRAWN BY: | TKM CHECKED BY: |
| JAN. 2001 DATE | 94011 JOB NO. | 19 / 47 SHEET/OF |

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