

ANCHOR WHEN REQUIRED,
FOLLOWING MANUFACTURER
RECOMMENDATIONS

4 IN. MIN. SIDE OVERLAP OR PER
MANUFACTURER'S
RECOMMENDATIONS

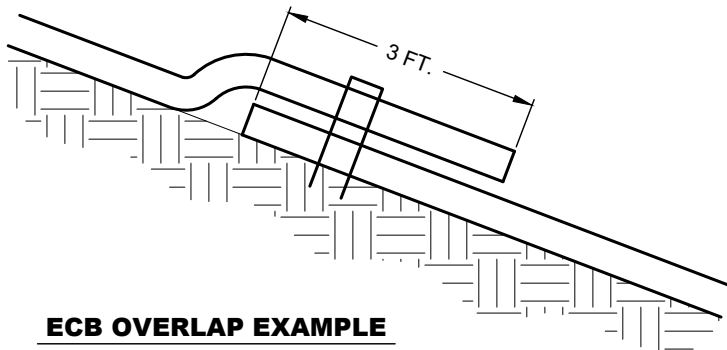
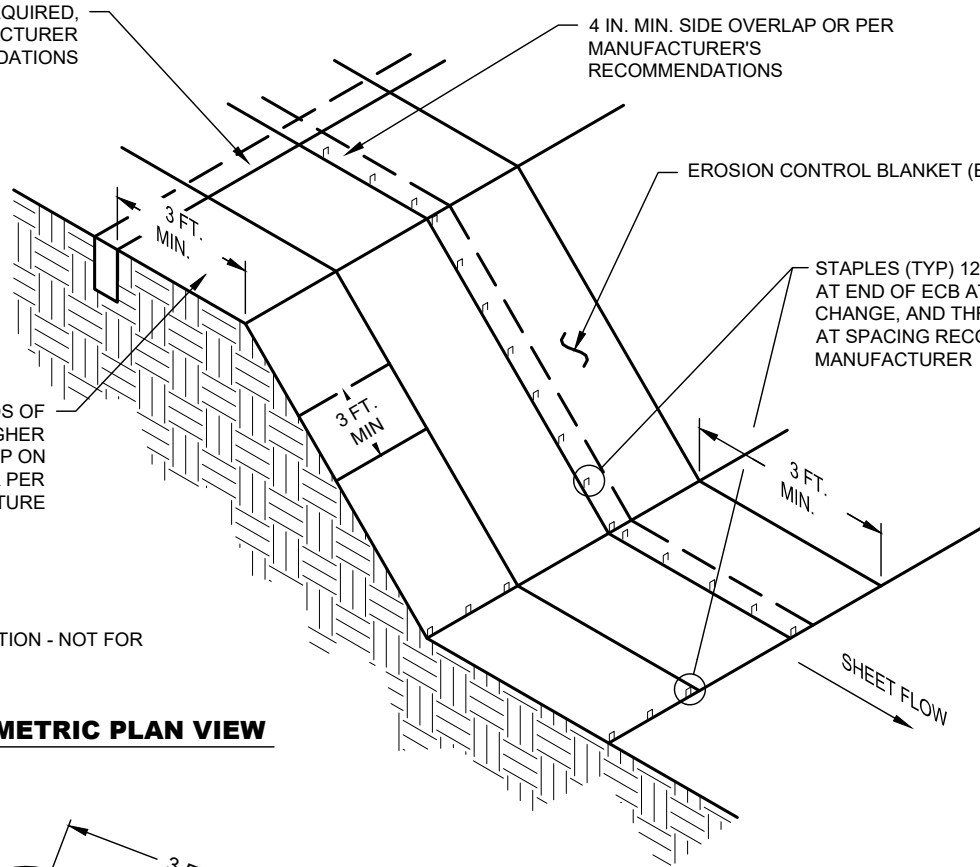
EROSION CONTROL BLANKET (ECB)

STAPLES (TYP) 12 IN. ON CENTER
AT END OF ECB AT EACH SLOPE
CHANGE, AND THROUGHOUT ECB
AT SPACING RECOMMENDED BY
MANUFACTURER

3 FT. MIN. OVERLAP AT ENDS OF
BLANKETS. ECB AT HIGHER
ELEVATION SHALL OVERLAP ON
TOP OF LOWER ECB, OR PER
MANUFACTURER LITERATURE

NOTE:
FOR USE FOR SLOPE PROTECTION - NOT FOR
CHANNELS.

ECB ISOMETRIC PLAN VIEW



ECB OVERLAP EXAMPLE

DESCRIPTION:

AN EROSION CONTROL BLANKET (ECB) IS A TEMPORARY, DEGRADABLE, ROLLED EROSION CONTROL PRODUCT THAT REDUCES SOIL EROSION AND ASSISTS IN THE ESTABLISHMENT AND GROWTH OF VEGETATION. ECBs, ALSO KNOWN AS SOIL RETENTION BLANKETS, ARE MANUFACTURED BY MANY COMPANIES AND ARE COMPOSED PRIMARILY OF PROCESSED, NATURAL, ORGANIC MATERIALS THAT ARE WOVEN, GLUED, OR STRUCTURALLY BOUND TOGETHER WITH NATURAL FIBER NETTING OR MESH ON ONE OR BOTH SIDES.

NOTES:

1. EROSION CONTROL BLANKETS SHALL NOT BE USED ON SLOPES GREATER THAN 2:1 OR IN CHANNELS WITH SHEAR STRESSES GREATER THAN 2.0 POUNDS PER SQUARE FOOT
2. PRIOR TO THE INSTALLATION OF ANY EROSION CONTROL BLANKETS, ALL ROCKS, DIRT CLODS, STUMPS, ROOTS, TRASH, AND ANY OTHER OBSTRUCTIONS THAT WOULD PREVENT THE BLANKET FROM LYING IN DIRECT CONTACT WITH THE SOIL SHALL BE REMOVED. ANCHOR TRENCHING SHALL BE LOCATED ALONG THE ENTIRE PERIMETER OF THE INSTALLATION AREA, EXCEPT FOR SMALL AREAS WITH LESS THAN 2% SLOPE.
3. INSTALLATION AND ANCHORING SHALL CONFORM TO THE RECOMMENDATIONS WITHIN THE MANUFACTURE PUBLISHED LITERATURE FOR THE APPROVED EROSION CONTROL BLANKET. PARTICULAR ATTENTION MUST BE PAID TO JOINTS AND OVERLAPPING MATERIAL.
4. IN THE ABSENCE OF MANUFACTURE'S LITERATURE, A MINIMUM 11-GAUGE WIRE STAPLES, 6-INCHES IN LENGTH AND 1-INCH WIDTH WILL BE USED.
5. AFTER APPROPRIATE INSTALLATION, THE BLANKETS SHOULD BE CHECKED FOR UNIFORM CONTACT WITH THE SOIL, SECURITY OF THE LAP JOINTS, AND FLUSHNESS OF THE STAPLES WITH THE GROUND.
6. REGULAR INSPECTION SHALL OCCUR TO REPLACE OR RE-ANCHOR LOOSENED BLANKETS AND TO REMOVE SEDIMENT DEPOSITED ON BLANKETS.
7. INSPECTION SHALL BE SPECIFIED IN THE SWPPP.

EROSION CONTROL BLANKET (ECB) DETAILS

(NO SCALE)

DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE "TEXAS ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF WACO FOR ANY PURPOSE WHATSOEVER. THE CITY OF WACO ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



**ENGINEERING
DIVISION**



REVISIONS			
NO.	COMMENTS	BY	DATE
##	DESCRIPTION	FL	MM/DD/YYYY

DATE
07/01/2022

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