PROJECT TITLE: D-50

SLOPE INSTALLATION

RECP's shall be identified and designed according to the classification designation given in Tables ECB-1, ECB-2, ECB-3, and ECB-4 of the Alabama Handbook for Erosion Control. Horizontal staple spacing should be altered if necessary to allow staples to secure the critical areas.

A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.

CONSTRUCTION EXIT PAD (CEP)

The RECP's with a row of staples/approximately 12" apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to compacted soil and fold remaining 12" portion of RECP's back over seed and compacted soil. Secure RECP's over compacted soil with a row of staples/stakes approximately 12" apart across the width of the RECP's.

3' - 4' STRAW ROLL

NOTE:

PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF SEED, FERTILIZER, AND LIME.

NOTE:

A CONSTRUCTION EXIT PAD MUST BE INSTALLED AT ALL POINTS OF INGRESS/EGRESS.

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NOTE:

A CONSTRUCTION EXIT PAD MUST BE INSTALLED AT ALL POINTS OF INGRESS/EGRESS.
AFTER THE DEVELOPMENT SITE IS COMPLETELY STABILIZED, THE DIKES AND ANY REMAINING SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 4" AND DISPOSED OF IN A MANNER ALLOWABLE SEDIMENT DEPTH SHALL NOT EXCEED 1/3 TOTAL BASIN DEPTH.

SECONDARY SPILLWAY OUTLET STRUCTURE MAY BE CONVENTIONAL RISER TYPE 4' MIN. BASIN DEPTH ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 4" AND DISPOSED OF IN A MANNER.

STANDARD DETAILS: EROSION CONTROL - SHEET 2 of 3

INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS REQUIRED.

1. PRIMARY SPILLWAY FILTERED WATER TO BE ON NATURAL GROUND.
2. SECONDARY SPILLWAY FILTERED WATER TO BE ON NATURAL GROUND.
3. INFILTRATION = 5,000 GALLONS PER HOUR (GPH)
4. TYPICAL EXCAVATED DROP INLET PROTECTION (EIP)
5. PRIMARY SPILLWAY FILTERED WATER TO BE ON NATURAL GROUND.

PLAN VIEW
PROFILE VIEW
DETAIL A
DETAIL B
TRIANGULAR SILT DIKE INSTALLED ON CONCRETE OR ASPHALT

KNICKEROUTLET STRUCTURE

PROFILE SECTION A-A
CONCRETE BLOCK FILTER PROFILE SECTION A-A
GRATE FILTER BAGS PROFILE SECTION A-A

STANDARD DETAILS FOR OUTLET STRUCTURE CONSTRUCTION.

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DETAIL A
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TRIANGULAR SILT DIKE INSTALLED ON CONCRETE OR ASPHALT

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5. PRIMARY SPILLWAY FILTERED WATER TO BE ON NATURAL GROUND.
NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24" X 24", MINIMUM) WITHIN 30' OF TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
6. MUST BE LINED WITH A 10-MIL OR THICKER PLASTIC LINER.