

**(ES-3) CITY OF SACO  
STRAW OR HAY BALE BARRIER**

N.T.S.

**Short Form Specifications:**

Material: **HAY BALES, STAKES**

Submittal: **N/A**

Installation: **PRIOR TO ANY SOIL DISTURBANCE OF THE TRIBUTARY DRAINAGE AREA.**

QA/QC: **INSPECT AFTER EACH RAINFALL. REMOVE SEDIMENT DEPOSITS AT 50% ACCUMULATION. REPAIR AS NEEDED TO MAINTAIN FUNCTIONALITY.**

Completion: **REMOVE UPON FINAL STABILIZATION OF TRIBUTARY AREA.**

**Design Checklist:**

Use: **ADJACENT TO WETLANDS; TRIBUTARY AREA < 1/4 ACRE PER 100 L.F.; MAX. SLOPE LENGTH ABOVE BARRIER < 100'; MAX. GRADIENT ABOVE BARRIER IS 2:1**

Computations: **N/A**

**Water Quality Provisions:**

**INTERCEPT AND RETAIN SMALL AMOUNTS OF SEDIMENT FROM DISTURBED AREAS.**

**Cross Reference:**

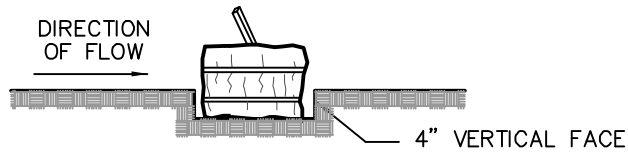
Zoning/Site Plan Review: **ARTICLE 8 – GOOD NEIGHBOR PERFORMANCE STANDARDS, SECTION 806 – EROSION CONTROL**

Subdivision Review: **ARTICLE 5 – PRELIMINARY PLAN, PARAGRAPH 5.2.2(17)**

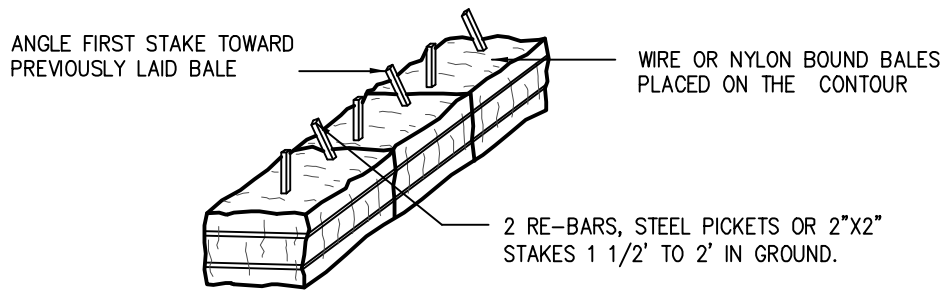
Erosion Control BMP: **SECTION 14.0 – SEDIMENT BARRIERS**

ASCE MREP No. 77: **N/A**

MEDEP STORMWATER BMP: **N/A**



### EMBEDDING DETAIL



### ANCHORING DETAIL

## CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

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