**SILT FENCE INSTALLATION:**

1. Drive posts vertically into the ground to a minimum depth of 18".
2. Excavate a trench approximately 4" wide and 4" deep along the line of posts.
3. Anchor trench shall be excavated by hand, with trenches, or with silt fence installation machine, no road graders, backhoes, etc. shall be used.
4. Not less than the bottom 1' of the silt fence fabric shall be buried in the trench.
5. Trench shall be compacted by hand, with "jumping jack" or by wheeled rolling compactor to ensure the silt fence resists being pulled out of anchor trench by hand.
6. Silt fence indicated in the plans shall be installed prior to any land-disturbing activities.
7. Use wood posts or other material as accepted by the city.

**MAINTENANCE NOTES:**

1. The contractor shall inspect silt fence every two weeks and make repairs or clean out upstream segment as necessary.
2. Segment accumulated upstream of silt fence shall be removed when the upstream segment reaches a depth of 6'.
3. Silt fence shall be removed when the upstream disturbed area is stabilized.
4. Grass cover is accepted by the city if any disturbed area exists after stabilization to be seeded and mulched or otherwise stabilized in a manner acceptable by the city.

**SILT FENCE JOINTS:**

- Posts shall overlap at joints so that no gaps exist in silt fence.
- Post shall be joined as shown. Then rotated 180° in direction shown and driven into the ground.
- **NOTE:** Thickness of geotextile has been exaggerated.

**PREASSEMBLED SILT FENCE:**

- 1 ½" x 1 ½" wooden fence posts
- Flow
- Compacted backfill
- 4"x4" trench

**DRAWING:**

- Approved: KMG
- Date: 8/17/07
- Drawn by: TBK

**CITY OF LOVELAND**

**PUBLIC WORKS DEPT.**

**STORMWATER CONSTRUCTION DRAWINGS**

**SW-10**