SILT FENCE DETAILS

1. **SILT FENCE REQUIREMENTS:**
   - Disturbance of soils shall be undertaken in workable units that the disturbance can be contained and stabilized in one construction season, and so that areas are not left bare and exposed during the period from March 15 through April 15.
   - Disturbance of existing vegetative ground cover does not begin more than 15 days prior to grading and construction.
   - Temporary erosion controls, including, if appropriate, temporary stabilization areas such as netting or mulching to secure soil during grading, must be applied to an area of disturbance within two days of establishing the final grade and permanent vegetation. It is applied with 15 days of grading.
   - Soil stabilization is applied within two days of disturbance if the final grade is not expected to be established within 30 days.
   - Topsoil shall be removed from all areas of disturbance, placed on undisturbed areas of site, compacted and replaced on the site at the time of final grading.

2. **Erosion Control Facilities:**
   - The erosion control facilities shall be inspected daily by the contractor to independently verify the accuracy of all utility locations and to discover and avoid any other utilities not shown which may be affected by the implementation of this plan.

3. **Clearing Limits:**
   - The boundaries of the clearing limits shown on this plan shall be clearly flagged in the field prior to construction. During the construction period, no disturbance beyond the flagged clearing limits shall be permitted. The flagging shall be maintained by the contractor for the duration of construction.

4. **Cleaning:**
   - Cleaning shall be limited to the area within the approved site development limits. Dustcontrol measures should be maintained at the end of each working day when working.

5. **Stabilized Construction Entrances:**
   - Stabilized construction entrances shall be installed at the beginning of construction and maintained for the duration of the project.

6. **Contractor Responsibilities:**
   - The contractor shall maintain a skipper on the site during construction to immediately discover any disturbances tracked to damaged areas outside of construction.

7. **Excavation:**
   - Final site grading and other drainage areas shall be kept free from all underlying structures at a minimum of 6" below the surface of all proposed landscape areas, prior to any new landscaping work.

8. **Grading:**
   - All grading soils and fill shall be compacted to a moisture content and density that ensures the final grade meets all project requirements.

9. **Grading Materials:**
   - All grading materials shall be properly compacted before final inspection and acceptance.

10. **Tree Protection:**
    - During grading, all tree roots and trunk shall be protected from damage by using appropriate erosion control measures.

11. **Silt Fence:**
    - Filter cloth shall be either of the types described below:
      - STABILINK A T140N
      - MIRAFI 100X
      - FILTER X
    - The filter cloth shall be installed over the stabilized construction entrance or entrance to undisturbed areas according to the project plans.
    - Filter cloth to be fastened securely to the woven wire fence with ties spaced every 12".

12. **Tree Protection:**
    - Tree protection shall be provided to all trees within the construction area to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.
    - Tree protection shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.

13. **Tree Protection Requirements:**
    - Tree protection shall be provided to all trees within the construction area to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.
    - Tree protection shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.

14. **Tree Protection Details:**
    - Tree protection shall be provided to all trees within the construction area to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.
    - Tree protection shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.

15. **Tree Protection Specifications:**
    - Tree protection shall be provided to all trees within the construction area to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.
    - Tree protection shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water do not enter the drainage system, roadways, or violate applicable water standards.
1. The chambers shall be manufactured in the U.S.A. by CULTEC, INC. of Brookfield, CT.

2. The chambers shall be capable of containing and maintaining a minimum of 3.5 gallons (13 liters) of water at 60°F (15°C) for a period of 24 hours.

3. The chambers shall be designed to withstand a minimum of 25,000 pounds per square inch (172.4 MPa) of internal pressure.

4. The chambers shall be designed to withstand a minimum of 200°F (93°C) for a period of 24 hours.

5. The chambers shall be designed to withstand a minimum of 150°F (65°C) for a period of 24 hours.

6. The chambers shall be designed to withstand a minimum of 100°F (38°C) for a period of 24 hours.

7. The chambers shall be designed to withstand a minimum of 50°F (10°C) for a period of 24 hours.

8. The chambers shall be designed to withstand a minimum of 20°F (-6°C) for a period of 24 hours.

9. The chambers shall be designed to withstand a minimum of 0°F (-18°C) for a period of 24 hours.

10. The chambers shall be designed to withstand a minimum of -20°F (-29°C) for a period of 24 hours.

11. The chambers shall be designed to withstand a minimum of -30°F (-34°C) for a period of 24 hours.

12. The chambers shall be designed to withstand a minimum of -40°F (-40°C) for a period of 24 hours.

13. The chambers shall be designed to withstand a minimum of -50°F (-46°C) for a period of 24 hours.

14. The chambers shall be designed to withstand a minimum of -60°F (-51°C) for a period of 24 hours.

15. The chambers shall be designed to withstand a minimum of -70°F (-57°C) for a period of 24 hours.

16. The chambers shall be designed to withstand a minimum of -80°F (-62°C) for a period of 24 hours.