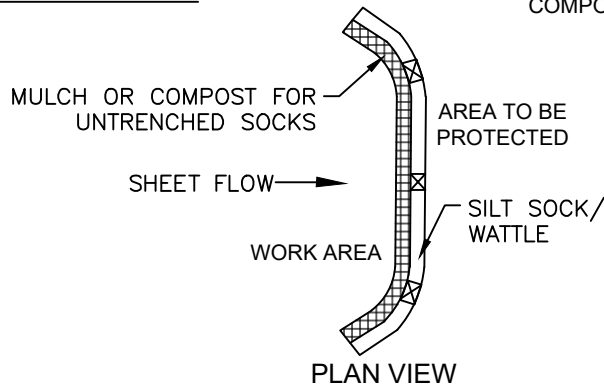


**UNTRENCHED INSTALLATION  
ISOMETRIC VIEW**

**ENTRENCHED INSTALLATION\***

\*THIS APPLICATION MAY NOT BE USED WITH COMPOST SOCKS SMALLER THAN 12".



**PLAN VIEW**

**NOTES:**

1. OTHER MATERIALS PROVIDING EQUIVALENT PROTECTION AGAINST EROSION VELOCITIES MAY BE SUBSTITUTED FOR COMPOST USE IN SILT SOCKS.
2. FILL SILT SOCK NETTING UNIFORMLY WITH COMPOST TO THE DESIRED LENGTH SUCH THAT LOGS DO NOT DEFORM.
3. SILT SOCK SHOULD BE INSTALLED PARALLEL TO AND A MINIMUM OF 10 FEET BEYOND THE TOE OF A GRADED SLOPE. SILT SOCK(S) LOCATED BELOW FLAT AREAS SHOULD BE LOCATED AT THE EDGE OF THE LAND DISTURBANCE. THE ENDS OF THE SILT SOCK(S) SHOULD BE TURNED SLIGHTLY UPSLOPE TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SILT SOCK(S).
4. OAK OR OTHER DURABLE HARDWOOD STAKES WITH A 2-INCH X 2-INCH CROSS SECTION SHOULD BE DRIVEN VERTICALLY PLUMB, THROUGH THE CENTER OF THE SILT SOCK. STAKES SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 4- FEET OR A MAXIMUM INTERVAL OF 8- FEET IF THE SILT SOCK IS PLACED IN A 4-INCH TRENCH.
5. IN THE EVENT STAKING IS NOT POSSIBLE (IE. WHEN SOCKS ARE USED ON PAVEMENT) HEAVY CONCRETE BLOCKS SHALL BE USED BEHIND THE SILT SOCK TO HOLD IT IN PLACE DURING RUNOFF EVENTS.

**MAINTENANCE:**

1. INSPECT ALL MEASURES AT LEAST WEEKLY AND AFTER EACH RAINFALL OF 1.0 INCH OR GREATER.
2. REMOVE ACCUMULATED SEDIMENT AND ANY DEBRIS AS NEEDED TO ALLOW FOR ADEQUATE FLOW.
3. SILT SOCK MUST BE REPLACED IF CLOGGED OR TORN.
4. IF PONDING BECOMES EXCESSIVE, THE SILT SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR A DIFFERENT MEASURE.
5. REINSTALL IF DAMAGED OR DISLODGED.
6. SILT SOCKS SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY STABILIZED.

**SILT SOCK INITIAL FLOW RATES**

Compost Sock Design Diameter	8 Inch (200 nm)	12 Inch (300 nm)	18 Inch (450 nm)	24 Inch (600 nm)	32 Inch (750 nm)
Maximum Slope Length (<2%)	600 Feet (183 m)	750 Feet (229 m)	1,000 Feet (305 m)	1,300 Feet (396 m)	1,650 Feet (500 m)
Hydraulic Flow Through Rate	7.5 gpm/ft (94 l/m/m)	11.3 gpm/ft (141 l/m/m)	15.0 gpm/ft (188 l/m/m)	22.5 gpm/ft (281 l/m/m)	30.0 gpm/ft (374 l/m/m)

" NOT TO SCALE "



**TOWN OF CHAPEL HILL  
STANDARD DETAIL**

REVISIONS

**STANDARD SILT  
SOCK**

DATE: 05/2024

**EC-9.01**