SILT FENCE – PLAN VIEW

24" WOOD LATH, 3/8" THICK
FILTER FABRIC ANCHORED BETWEEN LATH AND STAKE
COMPACTED SOIL IN ANCHOR TRENCH

HEAVY DUTY STAPLES, MIN. 3 PER LATH
1-1/8"x1-1/8" HARDWOOD STAKE

SILT FENCE – SECTIONAL VIEW

GEOTURF™
24" SILT FENCE
6.5 FT. POST SPACING

PREPARED BY
CS/GEOTURF, INC.
1500 ALLOY PARKWAY
HIGHLAND, MI 48357

DRAFT BY
RMS

DATE
6-3-2005

NOT TO SCALE
SILT FENCE — PLAN VIEW

UNDISTURBED AREA
SILT FENCE GEOTEXTILE FROM M.D.O.T. QUALIFIED PRODUCTS LIST
1.5" X 1.5" NO. 2 HARDWOOD STAKES DRIVEN 12" INTO GROUND FABRIC ANCHORED BY WOOD LATH STAPLED TO STAKES

6"x6" ANCHOR TRENCH

DIRECTION OF FLOW

SILT FENCE — SECTIONAL VIEW

HEAVY DUTY STAPLES, MIN. 5 PER LATH
1.5" X 1.5" NO. 2 HARDWOOD STAKE, 36" MIN. LENGTH

24" WOOD LATH, 3/8" THICK GEOTEXTILE ANCHORED BETWEEN LATH AND STAKE

COMPACTED SOIL IN ANCHOR TRENCH

SHEET FLOW

UNDISTURBED AREA

6" 12" MIN.
6"

NOTE:
GEOTURF 36" SILT FENCE MEETS ALL M.D.O.T. SPECIFICATIONS FOR SILT FENCE

GEOTURF
36" SILT FENCE
6.25' STAKE SPACING

PREPARED BY
CSI/GEOJURT, INC.
1500 ALLOY PARKWAY
HIGHLAND, MI 48357

05-16-07

NOT TO SCALE
NOTES:
1. Establish stabilized construction entrance prior to the initiation of site construction activities.
2. Care should be taken to prevent material movement into adjacent wetlands/waterbodies.
3. Care should be taken to maintain existing roadside drainage via culvert installation, with sediment sump placed downflow of culvert.
REAR YARD INLET FILTER

SedCatch® SedCage® Yard Inlet Protection

SIZING INSTRUCTIONS:
MEASURE THE DIAGONAL DIMENSION OF THE GRATE. SELECT A CAGE THAT IS AT LEAST 1" LARGER.

COMPATIBLE GRATES:
A SedCage® is compatible with all grates in which the edges of the grate are supported by a ledge.

SIZES:

FITS SQUARE GRATES FROM 12" X 12" THROUGH 22" X 22"
FITS ROUND GRATES FROM 8" DIA. THROUGH 24" DIA.
FITS RECTANGULAR GRATES WITH A DIAGONAL BETWEEN 17" AND 31" (c^2 + a^2 = b^2)

32" SedCage®
FITS SQUARE GRATES FROM 19" X 19" THROUGH 29" X 29"
FITS ROUND GRATES FROM 16" DIA. THROUGH 30" DIA.
FITS RECTANGULAR GRATES WITH A DIAGONAL BETWEEN 26" AND 41" (c^2 + a^2 = b^2)

42" SedCage®
FITS SQUARE GRATES FROM 24" X 24" THROUGH 36" X 36"
FITS ROUND GRATES FROM 24" DIA. THROUGH 40" DIA.
FITS RECTANGULAR GRATES WITH A DIAGONAL BETWEEN 32" AND 53" (c^2 + a^2 = b^2)

54" SedCage®
FITS SQUARE GRATES FROM 27" X 27" THROUGH 42" X 42"
FITS ROUND GRATES FROM 28" DIA. THROUGH 48" DIA.
FITS RECTANGULAR GRATES WITH A DIAGONAL BETWEEN 44" AND 61" (c^2 + a^2 = b^2)

62" SedCage®
CUSTOM SIZES AVAILABLE

GEOTEXTILE TUCKED UNDER ALL FOUR SIDES OF GRATE.

PAVED STORM SEWER INLET FILTER
HIGH FLOW-SACK TYPE FILTER WITH OVERFLOW

CURB OPENING
STORM GRATE
LIFT STRAPS
CURB FILTER
REINFORCED CORNERS
DUMPING STRAPS
OUTFLOW PORTS

Page 6
CSI Geoturf®

Down to Earth Solutions
Professional Construction, Turf, and Landscape Supplies
- Civil Site Improvements
- Erosion & Sediment Control
- Stormwater Management
- Landscape Enhancements

Geoturf® Filter Bag
Whenever accumulated water on a construction site must be pumped, utilize filter bags to ensure the water is properly filtered of silt and sediment prior to discharge into receiving bodies. Filter bags are constructed of strong, high quality nonwoven geotextile filter fabric with a fill port to accommodate a pump discharge hose. The filter bags permit a controlled outflow of water, while retaining harmful pollutants.

<table>
<thead>
<tr>
<th>Size</th>
<th>15' x 20' x 8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snout Size</td>
<td>8&quot;</td>
</tr>
<tr>
<td>Holding Capacity</td>
<td>15 Cubic Yds.</td>
</tr>
</tbody>
</table>

Meets the requirements of MDOT Item 208 Erosion Control Filter Bag
CHECK DAM

1' THICK LAYER 3/4" TO 1-1/2" CRUSHED AGGREGATE (WASHED)

4" TO 8" STONE

FLOW

BOTTOM OF CHANNEL

TOP OF BANK

SPACING VARIES WITH SLOPE

NON-WOVEN GEOTEXTILE FABRIC

PROFILE

6" MIN.

VARIES

NON-WOVEN GEOTEXTILE

CROSS SECTION

CENTER DEPRESSED

4"-8" ROCK

FLOW

NON-WOVEN GEOTEXTILE

DITCH SUBEXCAVATE BELOW FLOWLINE

2X

PROFILE

NOTE: BASE WIDTH SHOULD BE AT LEAST 2X THE HEIGHT

STANDARD SYMBOL

MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
MULCH BLANKETS

BURY UPSLOPE END OF BLANKET IN TRENCH 6" WIDE BY 6" DEEP

FLOW

OVERLAP BLANKETS SIDE BY SIDE USING A 4" OVERLAP WITH UPSLOPE BLANKET LAID OVER DOWNSLOPE BLANKET

OVERLAP END OF UPSLOPE BLANKET 12" OVER DOWNSLOPE BLANKET. SECURE WITH STAPLES

12"

COMPACTED AREA

STAKES/STAPLES

BURY TOE OF BLANKET IN TRENCH 6" WIDE BY 6" DEEP

NOTES:
1. PLACE MULCH BLANKET PARALLEL TO FLOW AND ANCHOR SECURELY.
2. WHEN BLANKETS ARE USED IN FLOWING DITCH, BLANKETS SHOULD NOT OVERLAP IN DITCH CENTER PARALLEL TO FLOW.
3. STAPLES INSTALLED/SECURED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
4. WHERE POSSIBLE, CONSTRUCT WITH BIODEGRADABLE MATERIAL.
FILTER ROLLS

Wood stake (18-24" long)

Filter rolls (8"-10" in diameter)

Prepared trench (3-5" deep)

May use live stake

Contour interval
(*varies per slope requirements)

Runoff must not be allowed to run under or between rolls.

Wood or live stake

Straw wrapped in tubular plastic netting

Filter roll typically made from rice straw

8"-10"

8-25'
EXAMPLE SOIL EROSION CONTROL PLAN / SINGLE FAMILY RESIDENCE
(ITEMS SHOWN ON THIS DRAWING MUST BE SHOWN ON ALL PLANS)

SILT FENCE (turned upslope at both ends to form a return)

PAVED INLET PROTECTION (High-Flow Sack Type Inlet Filter with Overflow)

REAR YARD INLET PROTECTION (SEDCAGE by SED-CATCH™)

LIMITS OF WORK (must be clearly identified on plan)

CRUSHED AGGREGATE MUD MAT (from street to building)

SILT FENCE (with returns at each end)