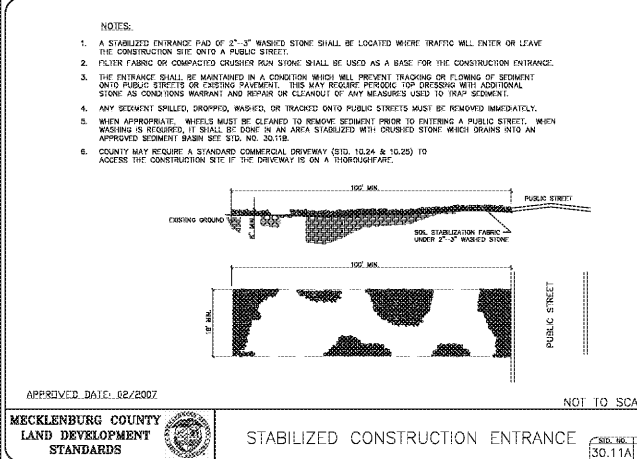


- GENERAL NOTES:**
1. FILTER FABRIC SHALL BE A MINIMUM OF 24\"/>
  - 2. MAIN FILTER FABRIC BE USED WHERE SILT FENCE IS TO REMAIN FOR A PERIOD OF MORE THAN 90 DAYS.
  - 3. SILT FENCE SHALL BE 2'-5\"/>
  - 4. USE ALL TYPES OF SLOPE AT FENCE.
  - 5. DRAINAGE SLOPE SHALL BE MAINTAINED AT EACH END OF SILT FENCE WHEN GRADING IS COMPLETE. THE SLOPE GROUP OR RAINFALL SHOULD BE MAINTAINED TO PREVENT OVERFLOW. THE SLOPE GROUP OR RAINFALL SHOULD BE MAINTAINED TO PREVENT OVERFLOW.
  - 6. DRAINAGE AREA CAN NOT BE GREATER THAN 1/4 ACRE PER 100 FT OF FENCE.
  - 7. SLOPE GROUPS CAN NOT EXCEED CLASSIFICATION IN TABLE 8.04.01 NORTH CAROLINA STANDARD AND SLOPE CONTROL, FENCING AND SLOPE GROUPS.
  - 8. DO NOT ALLOW MATERIAL FROM ADJACENT DRIVEWAYS, DRIVEWAYS OR OTHER AREAS OF CONCENTRATED FLOW.
- MAINTENANCE NOTES:**
1. FILTER FABRIC SHALL BE MAINTAINED BY THE FINANCIALLY RESPONSIBLE PARTY ON THE NEAR SIDE IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS NEEDED SHALL BE MADE IMMEDIATELY.
  2. SHOULD THE FABRIC BECOME DAMAGED OR BECOME INEFFECTIVE PRIOR TO THE END OF THE PERIOD SPECIFIED, THE FABRIC SHALL BE REPLACED IMMEDIATELY. THE FABRIC SHALL BE REPLACED IMMEDIATELY.
  3. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE FABRIC. ANY REMOVAL OPERATIONS SHOULD BE PLACED WITHIN THE SILT FENCE. DEPOSITS SHALL BE REMOVED TO CONFORM TO THE GRADING, PREPARED AND SPECIFIED.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS TEMPORARY SILT FENCE (REV. 03.06)

1 Temporary Silt Fence N.T.S.



- NOTES:**
1. A STABILIZED ENTRANCE MADE OF 2'-3\"/>
  - 2. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE SHALL BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
  - 3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEANOUT OF ANY WEARWAYS LEAD TO ROAD SEDIMENT.
  - 4. ANY STRENT MATERIALS, DEBRIS, WASTES, OR TRACKS ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY.
  - 5. WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHER STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN (SEE STD. NO. 30.11B).
  - 6. COUNTY MAY REQUIRE A STANDARD COMMERCIAL DRIVEWAY (STD. 10.24 & 10.25) TO ACCESS THE CONSTRUCTION SITE IF THE DRIVEWAY IS ON A THROUGHWAY.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS STABILIZED CONSTRUCTION ENTRANCE (REV. 02/2007) (REV. 03.11A)

2 Temporary Gravel Construction Entrance N.T.S.

**SEEDING SCHEDULE**

	GENTLE SLOPES	STEEP SLOPES
SEEDING MIXTURE	80 lbs/acre of tall fescue	100 lbs/acre tall fescue 30 lbs/acre Sereno lespedeza (unseeded after August 15) 10 lbs/acre Koba lespedeza
SEEDING DATES	FALL: August 25 - October Late winter: February 15 - April 15 To extend spring seeding into June, add 15 lbs/acre hulled Bermudagrass Overseeding of Koba lespedeza over fall seeded tall fescue is very effective.	FALL: August 25 - October 15 Late winter: February 15 - April 15 To extend spring seeding into June, add 15 lbs/acre hulled Bermudagrass Overseeding of Koba lespedeza over fall seeded tall fescue is very effective.
SEEDING AMENDMENTS	Apply lime and fertilizer per soil tests, or 4000 lbs/acre limestone and 1000 lbs/acre 10-10-10 fertilizer.	Apply lime and fertilizer per soil tests, or 4000 lbs/acre limestone and 1000 lbs/acre 10-10-10 fertilizer.

**NOTE 1:** Ground Cover—Protective cover must be established on all disturbed areas within 21 calendar days after land disturbing activity is completed or has temporarily ceased.

**NOTE 2:** Graded slopes and fills—Protective cover must be established on all graded slopes and fills within 21 calendar days after a phase of grading is completed or has temporarily ceased.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS SEEDING SCHEDULE (REV. 02/2007) (REV. 03.17A)

3 Seeding Specifications for Temporary Erosion Control

**SEEDING SCHEDULE (SEASONAL)**

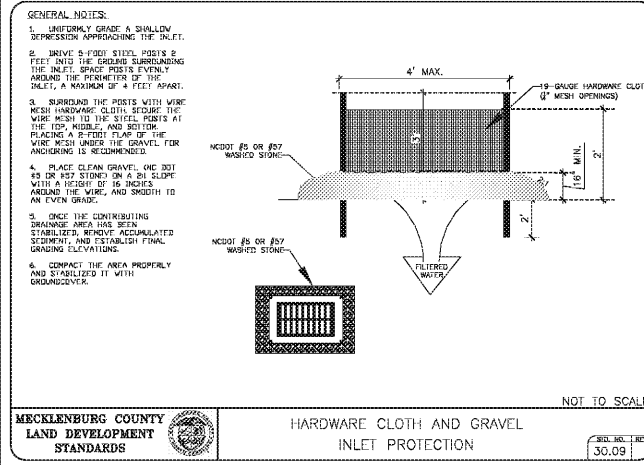
	EARLY SUMMER SEASON	STEEP SLOPES
SEEDING MIXTURE	40 lbs/acre of German millet 80 lbs/acre of tall fescue	120 lbs/acre Rye (grain) 80 lbs/acre tall fescue
SEEDING DATES	May 1 - August 15	October 25 - December 30
SEEDING AMENDMENTS	Refer to fertilizer if growth is not fully adequate. Apply 4000 lbs/acre straw or equivalent hydroseeding.	add 50 lbs/acre of Koba lespedeza. Apply 4000 lbs/acre straw or equivalent hydroseeding.

**NOTE 1:** Ground Cover—Protective cover must be established on all disturbed areas within 21 calendar days after land disturbing activity is completed or has temporarily ceased.

**NOTE 2:** Graded slopes and fills—Protective cover must be established on all graded slopes and fills within 21 calendar days after a phase of grading is completed or has temporarily ceased.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS SEEDING SCHEDULE (SEASONAL) (REV. 02/2007) (REV. 03.17B)

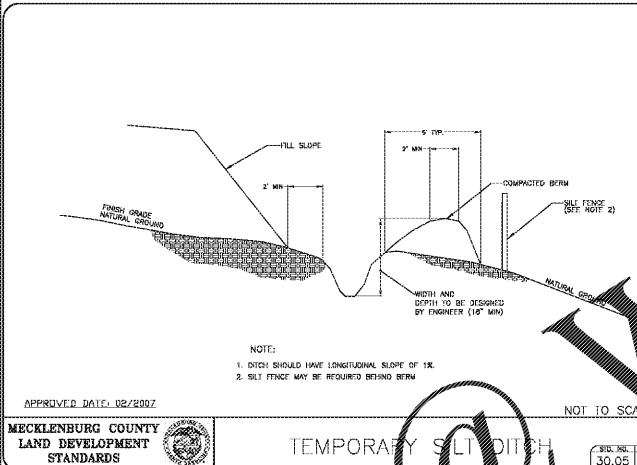
7 Downspout Connection N.T.S.



- GENERAL NOTES:**
1. UNIFORMLY GRADE A SHALLOW DEPRESSION APPROXIMATING THE INLET.
  2. DRIVE 5' (MIN) STEEL POSTS 8 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART.
  3. SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE AND BOTTOM. PLACING A 3' FEET FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHERING IS RECOMMENDED.
  4. PLACE CLEAN GRAVEL, ONE (1) INCH OR LESS STONES ON A 2% SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE, AND BRUSH IT TO AN EVEN GRADE.
  5. ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS.
  6. COMPACT THE AREA PROPERLY AND STABILIZE IT WITH GRASS/COVER.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS HARDWARE CLOTH AND GRAVEL INLET PROTECTION (REV. 03.09)

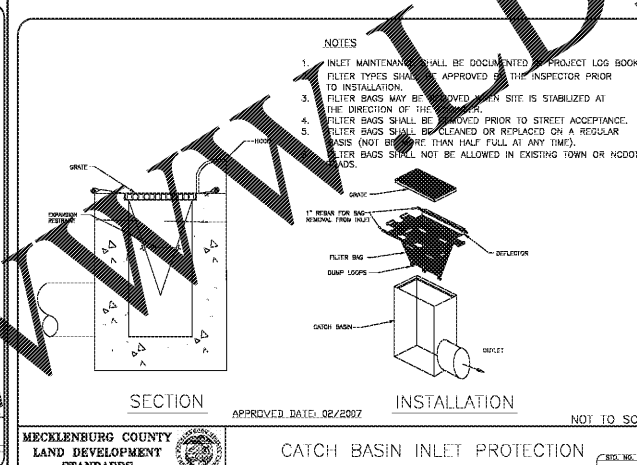
4 Hardware Cloth and Gravel Inlet Protection N.T.S.



- NOTES:**
1. DITCH SHOULD HAVE LONGITUDINAL SLOPE OF 1%.
  2. SILT FENCE MAY BE REQUIRED BEHIND BERM.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS TEMPORARY SILT DITCH (REV. 02/2007) (REV. 03.05)

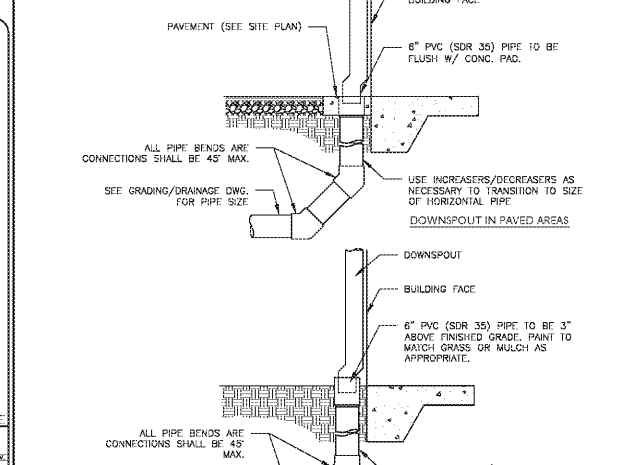
5 Temporary Silt Ditch N.T.S.



- NOTES:**
1. INLET MAINTENANCE SHALL BE DOCUMENTED IN PROJECT LOG BOOK.
  2. FILTER TYPES SHALL BE APPROVED BY THE INSPECTOR PRIOR TO INSTALLATION.
  3. FILTER BAGS MAY BE USED WHEN SITE IS STABILIZED AT THE DISCRETION OF THE ENGINEER.
  4. FILTER BAGS SHALL BE REMOVED PRIOR TO STREET ACCEPTANCE.
  5. FILTER BAGS SHALL BE REPLACED OR REPLACED ON A REGULAR BASIS (NOT LESS THAN HALF YEAR AT ANY TIME).
  6. FILTER BAGS SHALL NOT BE ALLOWED IN EXISTING TOWN OR HOOD AREAS.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS CATCH BASIN INLET PROTECTION (REV. 02/2007) (REV. 03.15)

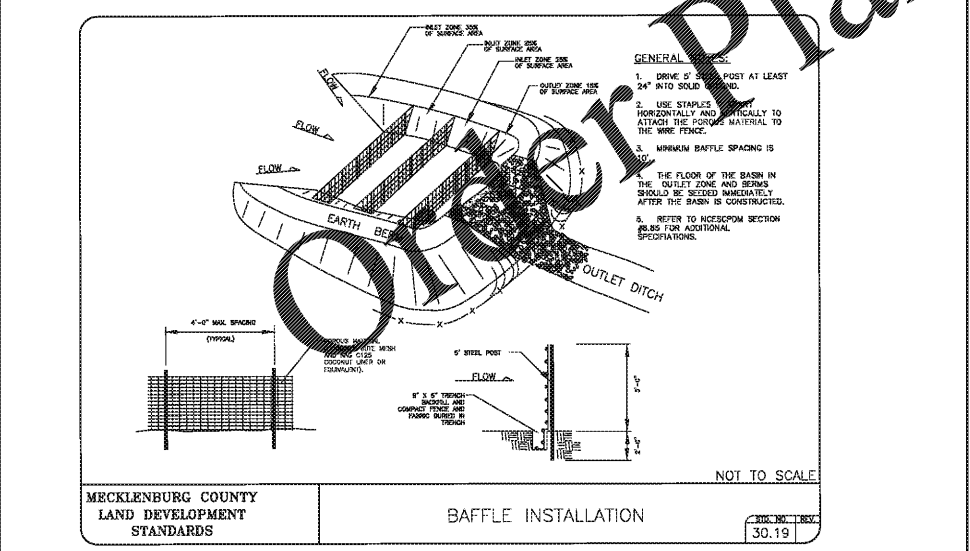
6 Temporary Silt Sack N.T.S.



- GENERAL NOTES:**
1. AREA UNDER EQUIPMENT SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY MUCK AND ROOT MATERIAL. THE BASIN AREA SHALL BE CLEARED.
  2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVERSEED SEEDS, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVELING WITH EQUIPMENT WHILE BEING CONSTRUCTED. SPILLWAYS SHOULD NOT BE CONSTRUCTED THROUGH FULL SECTIONS. ALL SPILLWAYS SHOULD BE LINED AND/OR REPAIRED.
  3. SEDIMENT SHALL BE REMOVED AND TRAP RESIDUES TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO DEPTH SHOWN ON STANDARD. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA IN SUCH A MANNER THAT IT WILL NOT ERODE.
  4. THE TRAP SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NECESSARY.
  5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.
  6. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER, UNLESS CERTIFIED BY REGISTERED GEOTECHNICAL ENGINEER.
  7. SEDIMENT BASIN EMBANKMENTS SHOULD BE PROVIDED WITH EROSION CONTROL AND STABILIZATION.
  8. STORAGE AREA MAY BE CONSTRUCTED IN ANY SHAPE PROVIDED THE MINIMUM STORAGE VOLUME REQUIREMENT IS MET. THE BASIN SHOULD ALSO BE CONSTRUCTED SUCH THAT THE FILTER AND THE MAIN FLOW OF WATER AND SEDIMENT ARE ON OPPOSITE ENDS ON THE LOWER BASIN DIMENSIONS.
  9. THE LENGTH OF THE STONE OUTLET (SPILLWAY) IS TO BE BASED ON A 10 YEAR STORM.
  10. WHICHEVER TOPOGRAPHY ALLOWS, THE BASIN LENGTH SHOULD BE THREE (3) TIMES THE BASIN WIDTH, TO ALLOW FOR SETTLING. BAFFLES SHALL BE INSTALLED IN ALL BASINS.
  11. CLEARLY MARKED STAKES SHALL BE PLACED IN ALL SEDIMENT BASINS AT THE LOW POINT IN THE BASIN. THE STAKES SHALL BE MARKED SHOWING THE HALF FULL CLEAROUT POINT OF THE BASIN.
  12. SAFETY FENCING 3' HIGH SHOULD BE PLACED AROUND ALL SEDIMENT BASINS.
  13. FOR DESIGN OF SEDIMENT BASINS, REFER TO THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES.
  14. FOR SLOPES GREATER THAN 10' IN LENGTH AND PROTECTED BY SILT FENCE AT THE TOP OF THE SLOPE, SLOPE TERRACING WILL BE REQUIRED.
  15. THE BERM ON SEDIMENT BASINS SHALL BE SEEDED ONCE FINAL GRADE HAS BEEN REACHED. THE SILT FENCE MAY BE REMOVED IF PERMISSION HAS BEEN GRANTED BY THE CITY LAND DEVELOPMENT INSPECTOR AFTER THE GRASS HAS GERMINATED AND STABLE GROUND HAS BEEN ESTABLISHED.
  16. WASHED STONE AND WIRE MESHING SHALL BE USED WITH SILT FENCE. WIRE MESH SILT FENCE IS PLACED AT THE TOP OF A SLOPE 2:1 VERTICAL OR ALONG ANY CHANNEL OR WATER COURSE.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS DOWNSPOUT CONNECTION (REV. 03.15)

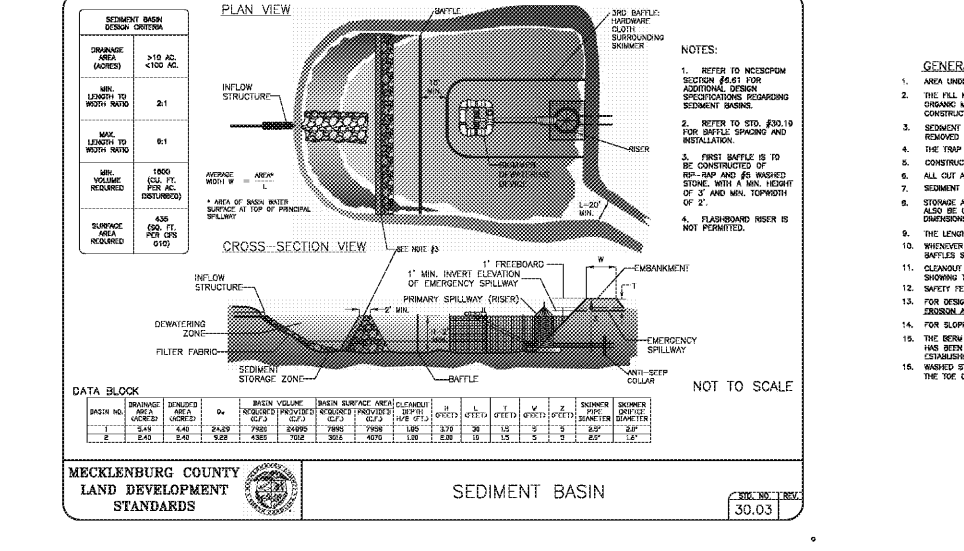
7 Downspout Connection N.T.S.



- GENERAL NOTES:**
1. DRIVE 5' STEEL POST AT LEAST 24\"/>
  - 2. USE STAPLES TO ATTACH THE POSTS TO THE GROUND. ATTACH THE POSTS TO THE GROUND. ATTACH THE POSTS TO THE GROUND.
  - 3. MINIMUM BAFFLE SPACING IS 10 FEET.
  - 4. THE FLOOR OF THE BASIN IN THE SILENT ZONE AND BERM SHOULD BE SEED IMMEDIATELY AFTER THE BASIN IS CONSTRUCTED.
  - 5. REFER TO SECTION 30.03 FOR ADDITIONAL SPECIFICATIONS.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS BAFFLE INSTALLATION (REV. 03.19)

8 Temporary Porous Baffles N.T.S.



- NOTES:**
1. REFER TO SECTION 30.03 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING SEDIMENT BASINS.
  2. REFER TO STD. 30.19 FOR BAFFLE SPACING AND INSTALLATION.
  3. FIRST BAFFLE TO BE CONSTRUCTED OF 1/2\"/>
  - 4. FLASHBOARD RISER IS NOT PERMITTED.
- GENERAL NOTES:**
1. AREA UNDER EQUIPMENT SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY MUCK AND ROOT MATERIAL. THE BASIN AREA SHALL BE CLEARED.
  2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVERSEED SEEDS, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVELING WITH EQUIPMENT WHILE BEING CONSTRUCTED. SPILLWAYS SHOULD NOT BE CONSTRUCTED THROUGH FULL SECTIONS. ALL SPILLWAYS SHOULD BE LINED AND/OR REPAIRED.
  3. SEDIMENT SHALL BE REMOVED AND TRAP RESIDUES TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO DEPTH SHOWN ON STANDARD. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA IN SUCH A MANNER THAT IT WILL NOT ERODE.
  4. THE TRAP SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NECESSARY.
  5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.
  6. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER, UNLESS CERTIFIED BY REGISTERED GEOTECHNICAL ENGINEER.
  7. SEDIMENT BASIN EMBANKMENTS SHOULD BE PROVIDED WITH EROSION CONTROL AND STABILIZATION.
  8. STORAGE AREA MAY BE CONSTRUCTED IN ANY SHAPE PROVIDED THE MINIMUM STORAGE VOLUME REQUIREMENT IS MET. THE BASIN SHOULD ALSO BE CONSTRUCTED SUCH THAT THE FILTER AND THE MAIN FLOW OF WATER AND SEDIMENT ARE ON OPPOSITE ENDS ON THE LOWER BASIN DIMENSIONS.
  9. THE LENGTH OF THE STONE OUTLET (SPILLWAY) IS TO BE BASED ON A 10 YEAR STORM.
  10. WHICHEVER TOPOGRAPHY ALLOWS, THE BASIN LENGTH SHOULD BE THREE (3) TIMES THE BASIN WIDTH, TO ALLOW FOR SETTLING. BAFFLES SHALL BE INSTALLED IN ALL BASINS.
  11. CLEARLY MARKED STAKES SHALL BE PLACED IN ALL SEDIMENT BASINS AT THE LOW POINT IN THE BASIN. THE STAKES SHALL BE MARKED SHOWING THE HALF FULL CLEAROUT POINT OF THE BASIN.
  12. SAFETY FENCING 3' HIGH SHOULD BE PLACED AROUND ALL SEDIMENT BASINS.
  13. FOR DESIGN OF SEDIMENT BASINS, REFER TO THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES.
  14. FOR SLOPES GREATER THAN 10' IN LENGTH AND PROTECTED BY SILT FENCE AT THE TOP OF THE SLOPE, SLOPE TERRACING WILL BE REQUIRED.
  15. THE BERM ON SEDIMENT BASINS SHALL BE SEEDED ONCE FINAL GRADE HAS BEEN REACHED. THE SILT FENCE MAY BE REMOVED IF PERMISSION HAS BEEN GRANTED BY THE CITY LAND DEVELOPMENT INSPECTOR AFTER THE GRASS HAS GERMINATED AND STABLE GROUND HAS BEEN ESTABLISHED.
  16. WASHED STONE AND WIRE MESHING SHALL BE USED WITH SILT FENCE. WIRE MESH SILT FENCE IS PLACED AT THE TOP OF A SLOPE 2:1 VERTICAL OR ALONG ANY CHANNEL OR WATER COURSE.

MECKLENBURG COUNTY LAND DEVELOPMENT STANDARDS SEDIMENT BASIN (REV. 03.03)

9 Temporary Skimmer Sediment Basin N.T.S.

