



PLAN VIEW
N.T.S.

TEMPORARY SILT FENCE

1. TYPE A. DESCRIPTION: WATER PERMEABLE FILTER FENCE MATERIAL COMPOSED OF STRONG ROT PROOF SYNTHETIC FIBERS FORMED INTO A MATRIX OF WOVEN OR NONWOVEN FABRIC. EITHER TYPE OF FABRIC SHALL BE FREE OF ANY TREATMENT OR COATING WHICH MIGHT SIGNIFICANTLY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION. THE FABRIC SHALL CONTAIN STABILIZER AND/OR INHIBITORS TO MAKE THE FILAMENTS RESISTANT TO DETERIORATION RESULTING FROM EXPOSURE TO SUNLIGHT OR HEAT. THE FABRIC SHALL BE A PERVIOUS SHEET OF SYNTHETIC FIBERS ORIENTED INTO A NETWORK SO THAT THE FIBERS RETAIN THEIR RELATIVE POSITION WITH RESPECT TO EACH OTHER. EDGES OF THE FABRIC SHALL BE FINISHED TO PREVENT THE OUTER YARN FROM PULLING AWAY FROM THE MATERIAL. THE FABRIC SHALL BE FREE OF DEFECTS OR FLAWS WHICH SIGNIFICANTLY AFFECT THE PHYSICAL AND/OR FILTERING PROPERTIES. THE FABRIC SHALL HAVE A MINIMUM WIDTH OF THIRTY SIX (36) INCHES. SHEETS OF FABRIC MAY BE PERMITTED DUE TO THE PRESENCE OF THE SEAM. THE FABRIC MAY BE MANUFACTURED WITH POCKETS FOR POSTS, HEMS WITH COND OR WITH POSTS PREATTACHED USING STAPLES OR BUTTON HEAD NAILS.
2. TYPE B. DESCRIPTION: TYPE B FILTER FABRIC SHALL MEET THE SAME STANDARDS AS TYPE A.

3. MATERIALS
A. POSTS

1. HARDWOOD: 1.5"x1.5"x48" MINIMUM FOR TYPE A FABRIC. FOR TYPE B FABRIC, 1"x1"x36" MINIMUM.
2. SOFTWOOD: 3" DIAMETER MINIMUM OR NOM. 2"x4" AND STRAIGHT ENOUGH TO PROVIDE A FENCE WITHOUT NOTICEABLE MISALIGNMENT FOR TYPE A FABRIC. FOR TYPE B FABRIC, AT LEAST 2" IN DIAMETER OR NOM. 2"x2".
3. STEEL-POSTS SHALL BE ROUND, U.T. OR C SHAPED WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER FOOT AND HAVE PROJECTIONS FOR FASTENING THE WIRE TO THE FENCE FOR TYPE A FABRIC. FOR TYPE B FABRIC, POSTS SHALL HAVE A MINIMUM WEIGHT OF 0.75 POUNDS PER FOOT AND ROUND POSTS SHALL BE A MINIMUM OF 1" IN DIAMETER.
- B. SPACING: SIX (6) FOOT CENTERS MAXIMUM
- C. FABRIC: GEORGIA DOT QUALIFIED PRODUCTS LIST #36 ONLY
- D. FASTENERS: WIRE STAPLES WILL BE NO. 17 GAUGE MINIMUM AND SHALL HAVE A CROWN AT LEAST 3/4 INCH WIDE AND LEGS AT LEAST 1/2 INCH LONG. STAPLES SHALL BE EVENLY SPACED WITH AT LEAST 5 PER POST. NAILS SHALL BE 14 GAUGE MINIMUM ONE INCH LONG WITH 3/4 INCH BUTTON HEADS. NAILS SHALL BE EVENLY SPACED WITH AT LEAST 4 PER POST.
4. INSTALLATION: TEMPORARY SILT FENCE INSTALLATION SHALL CONFORM TO THE STANDARDS SET FORTH IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
5. MAINTENANCE: THE DEVELOPER/CONTRACTOR SHALL MAINTAIN THE SILT FENCE UNTIL THE LDA IS COMPLETE AND FINAL STABILIZATION IS ACHIEVED. FILTER FABRIC SHALL BE REMOVED AND REPLACED WHENEVER IT HAS DETERIORATED OR BEEN OTHERWISE DAMAGED TO SUCH EXTENT THAT IT REDUCES THE EFFECTIVENESS OF THE SILT FENCE.

INSTALLATION OF FABRIC FENCE MATERIAL IN AREAS OF CONCENTRATED FLOW IS NOT RECOMMENDED UNLESS PROPER PROVISIONS ARE MADE TO SUPPLEMENT OR OTHERWISE STRENGTHEN THE FENCE TO WITHSTAND INCREASED DRAINAGE WATER VELOCITIES.

NOTE:

VENDOR MUST SUPPLY LETTER OF WARRANTY FOR AFOREMENTIONED SPECIFICATIONS. IN ADDITION, THIS LETTER SHOULD STATE THAT THE FABRIC IS ON THE GEORGIA OPL #36.

FULTON COUNTY STANDARD DETAIL 404
TEMPORARY SILT FENCE

DATE	REVISIONS	DATE	REVISIONS	DES/DRN/CHKD/REB	FULTON COUNTY	FULTON COUNTY PUBLIC WORKS	DRAWING NO.
8/08	NRR			APPROVED: <u>REW</u>		141 PRYOR ST. ATLANTA, GA. 30303	404
				DATE: 12-2-05		404-612-7400 FAX: 404-224-0498	