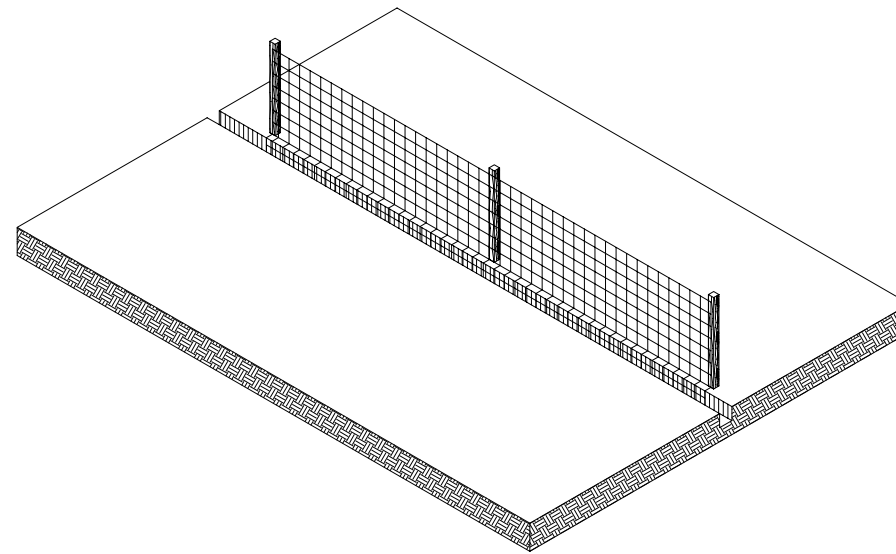
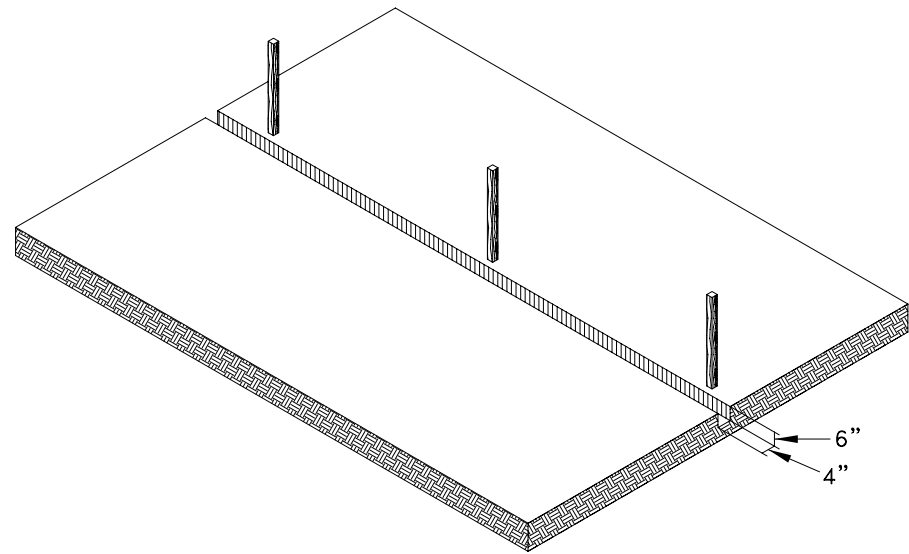


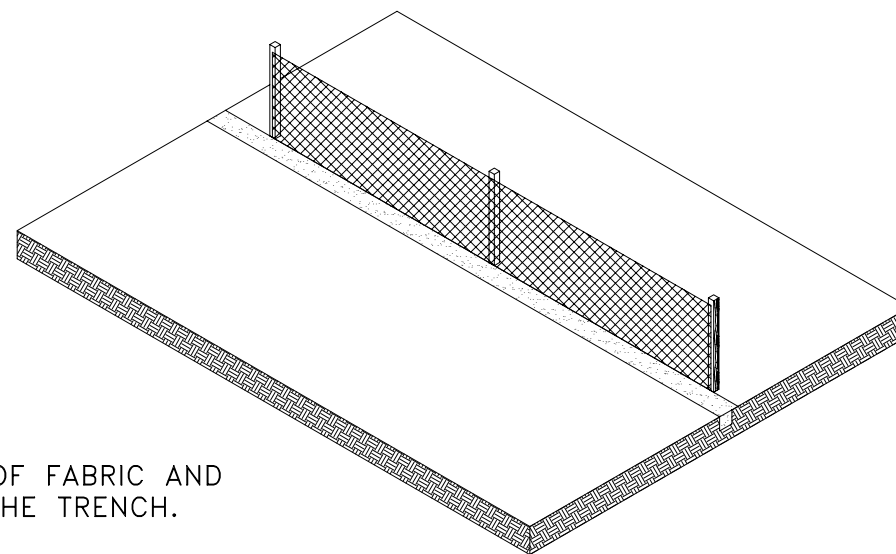
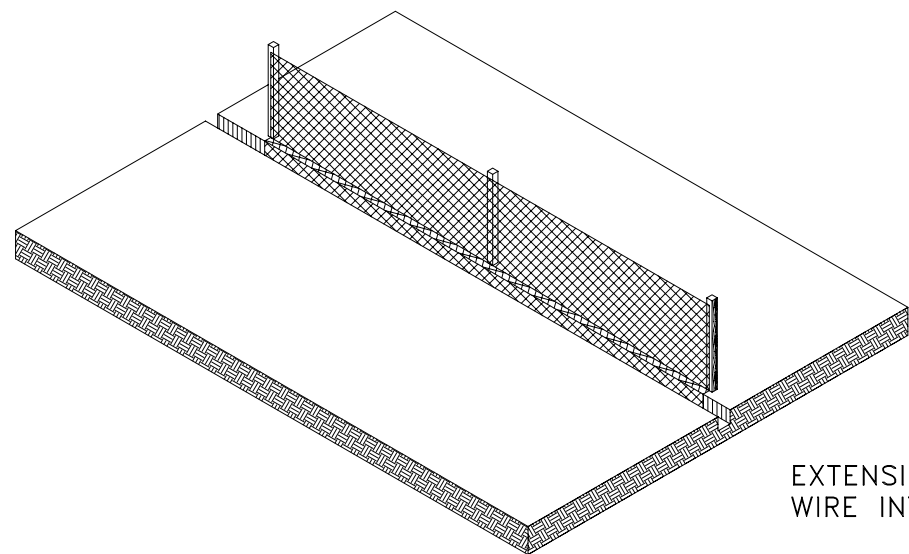
1. SET POSTS AND EXCAVATE A 4"x6" TRENCH UPSLOPE ALONG THE LINE OF POSTS.

2. STAPLE WIRE FENCING TO THE POSTS. OPTIONAL, BUT RECOMMENDED.

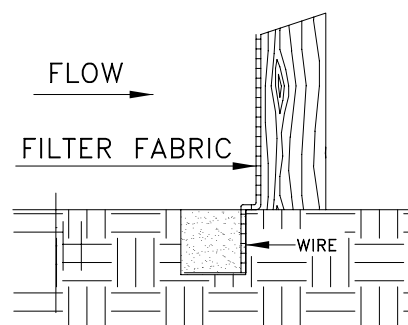


3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.

4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



EXTENSION OF FABRIC AND WIRE INTO THE TRENCH.



**NOTE:**  
GEO-TEXTILE FABRIC MAY BE ERECTED WITH OR WITHOUT A WIRE BACKING DEPENDING ON SITE CONDITIONS.

**TYPE "A" FENCE:**

POST SHALL BE A MINIMUM OF 4 FEET LONG AND SHALL BE EITHER WOOD OR STEEL. SOFT WOOD POSTS SHALL BE AT LEAST 3 INCHES IN DIAMETER OR NOMINAL 2"x4" STRAIGHT ENOUGH TO PROVIDE A FENCE WITHOUT NOTICEABLE MISALIGNMENT. IF HARDWOOD POSTS ARE USED THE SIZE MAY BE REDUCED TO 1-1/2"x1-1/2" WITH A MINIMUM TOLERANCE OF 1/4". STEEL POSTS SHALL BE U, T OR C SHAPED WITH A MINIMUM WEIGHT OF 1.15 POUNDS PER FOOT AND HAVE PROJECTIONS FOR FASTENING THE FENCE TO THE POSTS. MAXIMUM SPACING OF THE POSTS SHALL BE 6 FEET.

**TYPE "B" FENCE:**

POST SHALL BE A MINIMUM OF 3 FEET LONG AND SHALL BE EITHER WOOD OR STEEL. SOFT WOOD POSTS SHALL BE AT LEAST 2 INCHES IN DIAMETER OR NOMINAL 2"x2". IF HARDWOOD POSTS ARE USED THE SIZE MAY BE REDUCED TO 1"x1" WITH A MINIMUM TOLERANCE OF 1/4". STEEL POSTS SHALL BE U, T OR C SHAPED WITH A MINIMUM WEIGHT OF 0.75 POUNDS PER FOOT AND HAVE PROJECTIONS FOR FASTENING THE FENCE TO THE POSTS. MAXIMUM SPACING SHALL BE 6 FEET.

**TYPE "C" FENCE:**

POST SHALL BE STEEL AND HAVE A MINIMUM LENGTH OF 5 FEET. POSTS SHALL BE U, T OR C SHAPED AND HAVE A MINIMUM WEIGHT OF 1.15 POUNDS PER FOOT. THE POSTS SHALL HAVE PROJECTIONS FOR FASTENING THE WOVEN WIRE AND FILTER FABRIC. MAXIMUM POST SPACING SHALL BE 4 FEET. THE WOVEN WIRE SUPPORT FENCE SHALL BE AT LEAST 32 INCHES HIGH AND SHALL HAVE AT LEAST 6 HORIZONTAL WIRES. VERTICAL WIRES SHALL HAVE A MAXIMUM SPACING OF 12 INCHES. THE TOP AND BOTTOM WIRES SHALL BE AT LEAST 10 GAUGE AND ALL OTHER WIRES SHALL BE AT LEAST 12-1/2 GAUGE. THE FILTER FABRIC SHALL BE ATTACHED TO THE TOP OF THE WOVEN WIRE FENCE AT THE MIDPOINT BETWEEN POSTS.

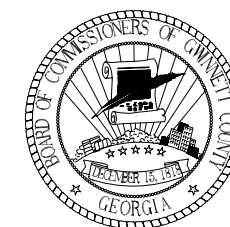
TYPE "C" SILT FENCE SHALL ALWAYS BE USED EXCEPT IN LOW FLOW AREAS AROUND SINGLE FAMILY DWELLINGS

TYPE FENCE	A	B	C
Tensile Strength (Lbs. Min) (1) (ASTM D-4632)	Warp-120 Fill-100	Warp-120 Fill-100	Warp-260 Fill-180
Elongation (% Max.) (ASTM D-4632)	40	40	40
AOS (Apparent Opening Size) (Max. Sieve Size) (ASTM D-4751)	#30	#30	#30
Flow Rate (Gal./Min/Sq.Ft.) (GDT-87)	25	25	70
Ultraviolet Stability (2) (ASTM D-4632 after 300 hours weathering in accordance with ASTM D-4355)	80	80	80
Bursting Strength (PSI Min.) (ASTM D-3786 Diaphragm Bursting Strength Tester)	175	175	175
Minimum Fabric Width (Inches)	36	22	36

(1) MINIMUM ROLL AVERAGE OF FIVE SPECIMENS.

(2) PERCENT OF REQUIRED INITIAL MINIMUM TENSILE STRENGTH.

NO.	BY	REVISION	DATE
1.	EOP	REV. TYPE C S.F.	3/3/04



GWINNETT COUNTY  
DEPARTMENT OF PLANNING & DEVELOPMENT  
STANDARD DRAWING

Construction of a Silt Fence

DATE: JANUARY 1988

SHEET: 203