

# EROSION CONTROL PLAN & SCHEDULE

SILT FENCE TO BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITY IN LOCATION SHOWN ON PLANS PER DETAIL.

STONE SHALL BE INSTALLED IN FUTURE DRIVEWAY AREA 20 FEET WIDE AND 10 FEET LONG TO PREVENT VEHICLES FROM TRACKING SEDIMENT OFF THIS SITE. INGRESS AND EGRESS TO BE LIMITED TO THIS AREA ONLY.

SEEDING AND MULCHING SHALL BE FUNCTIONAL THROUGHOUT ALL PHASES OF EARTH DISTURBING ACTIVITY. SETTLING FACILITIES PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE DISTURBED AREA IS PERMANENTLY RESTABILIZED.

DISTURBED AREAS SHALL HAVE SOIL STABILIZATION WITHIN NO MORE THAN SEVEN (7) DAYS IF THEY ARE TO REMAIN DORMANT UNDISTURBED FOR MORE THAN THIRTY-FIVE (35) DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN NO MORE THAN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE AND SHALL ALSO BE APPLIED WITHIN NO MORE THAN SEVEN (7) DAYS TO DISTURBED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT FOR LONGER THAN THIRTY-FIVE (35) DAYS.

STABILIZATION OF CRITICAL AREAS WITHIN 50 FEET OF ANY STREAM OR WETLAND SHALL BE TEMPORARILY STABILIZED WITHIN TWO (2) DAYS OF DISTURBANCE IF AREA WILL REMAIN INACTIVE FOR FOURTEEN (14) DAYS OR LONGER. CONSTRUCTION VEHICLES SHALL AVOID STREAMS AND THEIR BUFFER AREAS. IF ANY ACTIVE DRAINAGE WAY MUST BE CROSSED BY CONSTRUCTION VEHICLES REPEATEDLY DURING CONSTRUCTION, AN APPROVED TEMPORARY STREAM CROSSING SHALL BE CONSTRUCTED.

SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED TO PREVENT SOIL LOSS. STABILIZATION SHALL BE REQUIRED IF STOCKPILES ARE LOCATED WITHIN CRITICAL AREAS NEAR STREAM OR WETLANDS OR IF DETERMINED BY THE ADMINISTRATOR THAT SEDIMENT FROM STOCKPILES WILL LEAVE THE SITE.

SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED BY THE OWNER OR HIS/HER AGENT EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL EVENT. A WRITTEN LOG OF THESE INSPECTIONS AND IMPROVEMENTS TO CONTROLS SHALL BE KEPT ON SITE. THESE INSPECTIONS SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, THE ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE ACTIONS WERE TAKEN.

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS OR ONTO PUBLIC ROADS. WHERE SOIL IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY. SOIL SHALL BE REMOVED FROM PAVED SURFACES BY SHOVELING OR SWEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER MOST SEDIMENT HAS BEEN REMOVED BY SHOVELING OR SWEEPING.

THE ABOVE SPECIFIED EROSION CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE AT ANY TIME, ADDITIONAL MORE STRINGENT REQUIREMENTS. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE IN WRITING, INDIVIDUAL REQUIREMENTS.

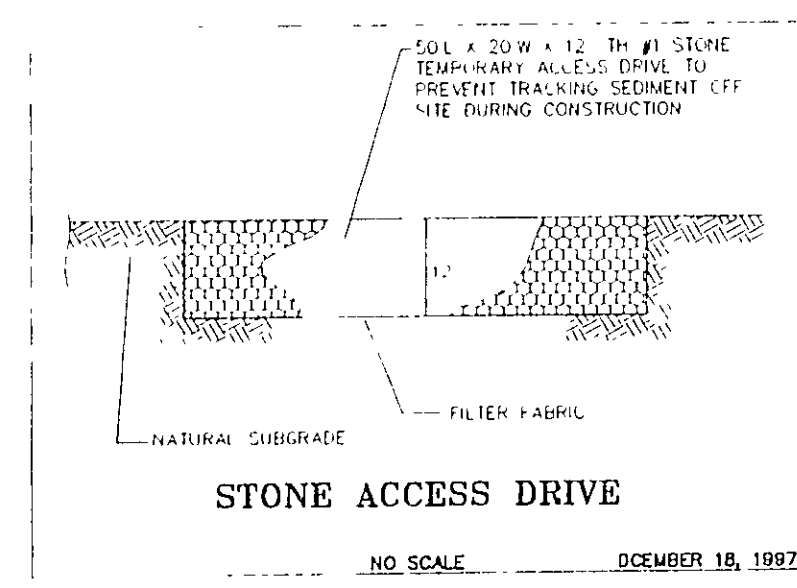
PERMANENT SEEDING TO BE INSTALLED AFTER ALL CONSTRUCTION ACTIVITY IS COMPLETE.

## MULCHING AND SEEDING NOTES

SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OF FILL AND FINISHED GRADING. IN ACCORDANCE WITH ITEM NO. 659 CDOT CONSTRUCTION AND MATERIAL SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

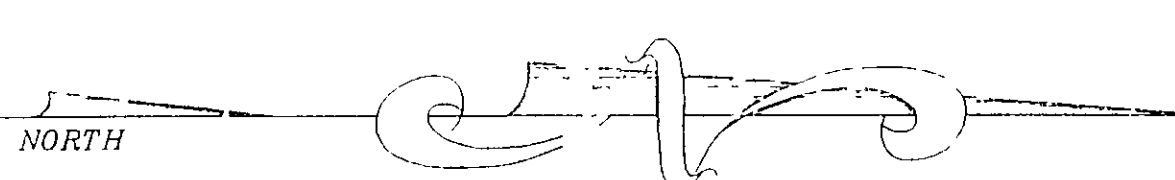
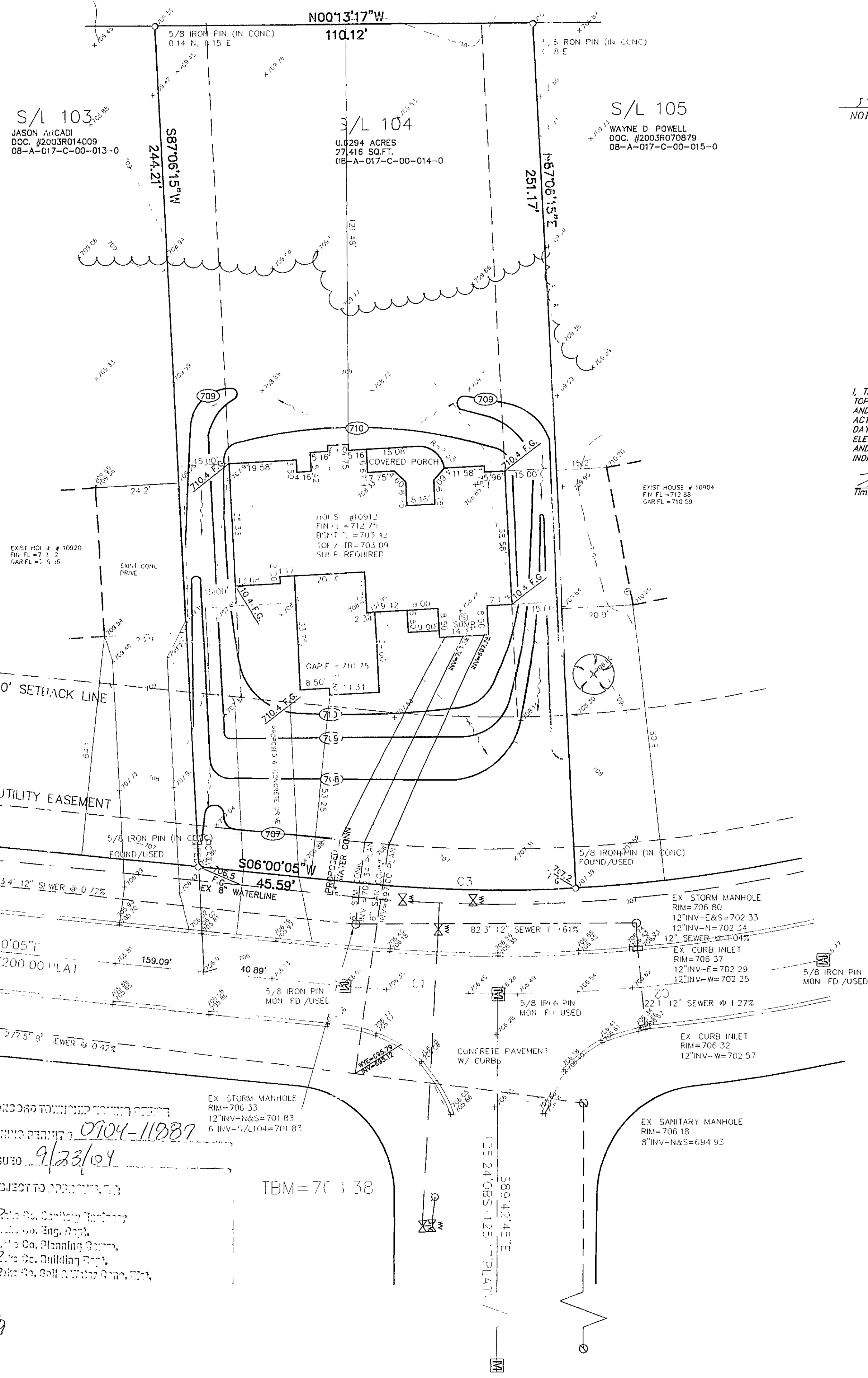
THE FOLLOWING MIXTURE SHALL BE USED FOR SEEDING IN ACCORDANCE WITH CDOT ITEM 659:

KENTUCKY BLUE GRASS - 40%  
CREEPING RED FESCUE - 40%  
PERENNIAL RYEGRASS - 20%  
FERTILIZER - 20#/1000 S.F. (12-12-12)  
MULCH - STRAW/3 TONS/ACRE



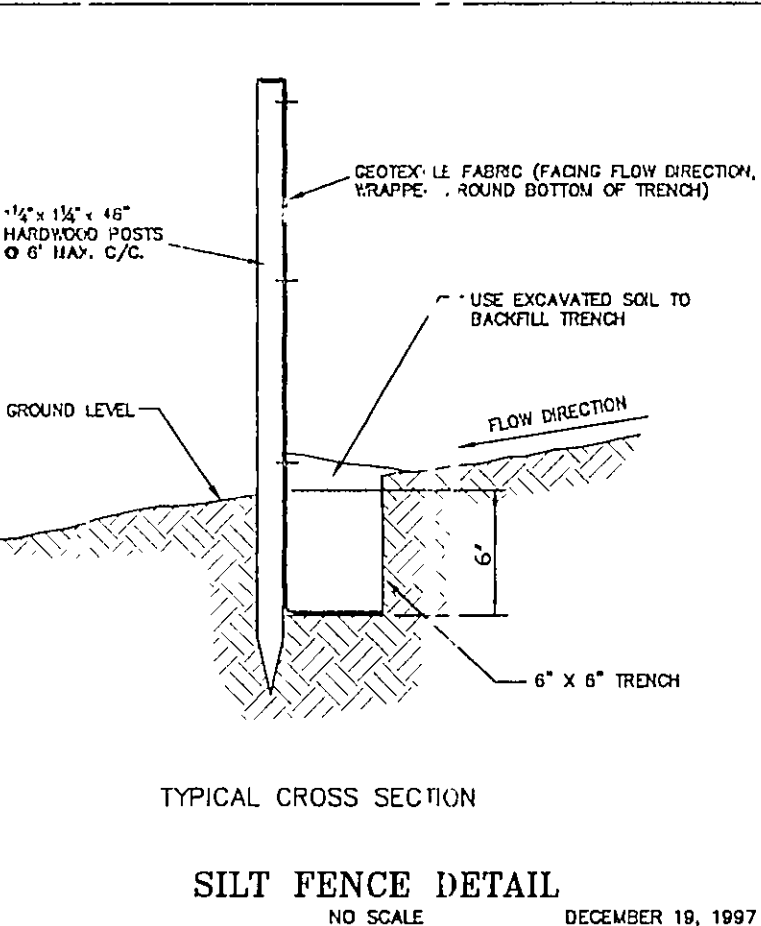
PAINESVILLE TWP LOCAL BOARD OF EDUCATION  
VOL 565 PG 304  
08-A-017-0-00-010-0

NOTE: THE CONTRACTOR/BUILDER SHALL NOTIFY THE APPROVING ENGINEER IF GROUNDWATER IS OBSERVED DURING THE EXCAVATION OF THE BASEMENT.  
-Contractor To Verify Depth And Location Of Utility Connections;  
-See Architect Plans For Complete House Dimensions.



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 6", 1", OR 2" CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 11th DAY OF SEPTEMBER, 2004, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

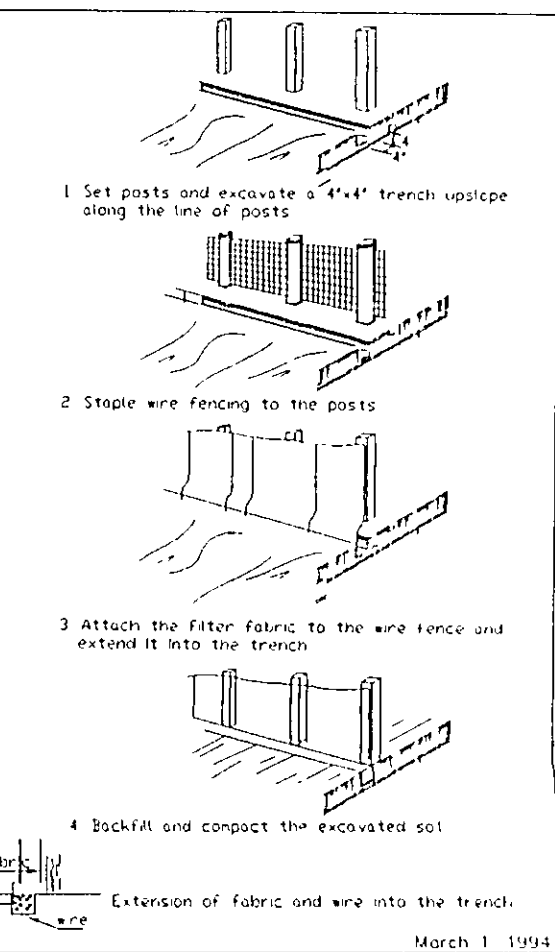
Timothy J. Sullivan, P.S. 7847



1. The height of a silt fence shall not exceed 16 inches. Higher fences may impound volumes of water, sufficient to cause failure of the structure.
2. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed.
3. Posts shall be spaced a maximum of 16 feet apart at the barrier location and driven securely into the ground (minimum of 12 inches). When extra strength fabric is used without the wire support fence, post spacing shall not exceed 8 feet.
4. A trench shall be excavated approximately 4 inches wide and 4 inches deep along the line of posts and upslope from the barrier.
5. When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using three 1/4 inch wire staples at least 1 inch long. The wire mesh shall extend into the trench a minimum of 2 inches and shall extend more than 36 inches above the original ground surface.
6. The standard strength filter fabric shall be attached or wired to the fence, and 1 inch of the fabric shall be extended into the trench. Extra strength filter fabric shall not be stapled to the existing trench post spacing. If used, the wire mesh support fence shall be stapled or wired directly to the posts with all other provisions of item No. 6 applying.
7. When extra strength filter fabric and do not eliminate in such case, the filter fabric provisions of item No. 6 applying.
8. The filter fabric shall be backfilled and soil compacted over the filter fabric.
9. Silt fences shall be removed when they no longer serve their useful purpose, but before the upslope area has been permanently stabilized.

1. Silt fences and filter barriers shall be installed immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
2. Should the fabric on a silt fence of filter barrier decompose or become matted one year to the end of its expected useful life and the barrier is still necessary, the fabric shall be replaced promptly.
3. Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
4. Any sediment deposits remaining on a silt fence or filter barrier shall be dressed to conform with the existing grade prepared and silted.

SILT FENCE  
NO SCALE



# SITE PLAN

For : **Dennis DeRenzo**  
CLIENT

302 ADDRESS **Ivy Lane** STREET **Painesville** CITY

104 SUBLOT No. **Ellison Creek Subd #13 44** VOL. **44** PAGE **2**

4 & 5 LOT **3** TRACT **Concord** CITY/TOWNSHIP **OHIO**

Prepared By:  
**LAND DESIGN consultants**  
Civil Engineers and Surveyors  
6585 EAST AVENUE • WENTON, OHIO 44080  
TELEPHONE 255-8463 354-6938 951-LAND

## DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME **Timothy J. Sullivan** DATE **9/16/04**

## CHECK LIST

LOT DIMENSIONS & BEARINGS  
TIE TO NEAREST STREET  
SUBLOT No. (PARCEL No.)  
SURROUNDING CONNEYS  
BUILDING DIMENSIONS  
SETBACK, SIDEYARD, REARYARD  
FINISHED GRADES  
DRIVE & APRON TYPE, WIDTH, THICKNESS  
SIDEWALK TYPE, WIDTH, THICKNESS  
SULFUR TYPE, WIDTH, THICKNESS  
WATER MAIN SIZE, LOCATION  
SAN. MAN. CAST. ELEV., INV. ELEV.  
SAN. MAN. CAST. ELEV., INV. ELEV.  
STORM SEWER SIZE, GRADE, LOC.  
STORM MAN. CAST. ELEV., INV. ELEV.  
PAVY TYPE, GRADE, CURBS  
GAS LINE SIZE  
SEPTIC SYSTEM & DUPPLICATION  
WELL LOCATION & ISOLATION RADIUS

## "AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE 9/13/04, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME		DRAWN BY		SCALE	
		TJS		1"=20'	
LEGEND		CHK'D BY/FIELD		DATE	
STORM MANHOLE				Sept/2004	
SANITARY MANHOLE					
EXISTING CONTOURS					
PROPOSED CONTOURS					
EXIST. ELEV. 100.0					
F.G. 100.0 = PROP. ELEV.					
DIRECTION OF SURFACE DRAINAGE					
ACCEPTED		CLIENT		DATE	

BENCHMARK:  
TOP HYDRANT LOCATED IN FRONT OF S/L111. ELEV = 708.38

Approved as shown and/or noted  
JAMES R. GILLIS, P.E.  
County Drainage Engineer  
By **6/14** Date **9/24/04**

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	DIRECTION	CHORD
C1	44.88	450.00	5°42'50"	22.46	N03°08'40"E	44.86
C2	95.97	450.00	12°13'10"	48.17	N05°49'20"W	95.79
C3	65.22	420.00	8°53'50"	32.68	N01°33'10"E	65.15

CONCORD TOWNSHIP ENGINEER  
TIMOTHY J. SULLIVAN  
9/23/04  
SUBJECT TO RECORD  
B.T.M. = 708.38

EXISTING UNDERGROUND UTILITIES NOTE:  
THE SIZE & LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, LDC INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

2 WORKING DAYS  
BEFORE YOU DIG  
CALL TOLL FREE 800-362-2764  
OHIO UTILITIES PROTECTION SERVICE

DWG. NAME  
DERED1-0301