

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. **CHECK LIST** LOT DIMENSIONS & SEARINGS
TIE TO NEARIEST STITEET
SUBLICT NO. PARCEL, NO.)
SURROLINOING OWNERS
BUILDING DIMENSIONS
SETBACK, SIDEYARD, REARYARD
FINISHED GRADES
DRIVE & APRON TYPE, WIDTH, THICKNESS
SIDEWALK TYPE, WIDTH, THICKNESS
CULVERT TYPE, DIAM, LENGTH
WATER MAIN SIZE, LOCATION
SAN. SEWER SIZE, IS GRADE, LOC.
SAN. MH. CAST, ELEV., INV. ELEV.
SAN. CONN. SIZE, % GRADE, LOC.
STORM MH. CAST, ELEV., INV. ELEV.
PAVT TYPE, GRADE, CURBS
GAS LINE LOC. SIZE
SEPTIC SYSTEM & DUPLICATION
WELL LOCATION & ISOLATION RADIUS T DIMENSIONS & REAGINGS "AS BUILT" CERTIFICATION I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF MY KNOWLEDGE DRAWN BY SCALE **LEGEND** 1"=20" TJS CHK'D BY/FIELD RAT/SAS **SEPT 2006** F.G.100.0 = PROP. ELEV. Top of Sanitary manhole located

STREET

CONCORD

Civil Engineers and Surveyors
8585 EAST AVENUE MENTOR, OHIO 44080
TELEPHONE 255-8483 364-6938 961-LAND

DESIGN CERTIFICATION

opposite property line 19A-19B. Elev. 671.02

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding

Disturbed areas of the site that are to remain idle for more than Twenty-one (21) days shall be properly seeded and straw mulched within seven (7) days of completion of initial grading. Temporary seeding and mulching of a thirty (30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete. Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the

site is to remain inactive for longer than fourteen (14) days.

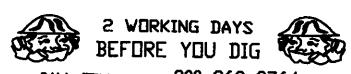
Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (36) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

Erosion and sediment controls shall be inspected every seven (7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

"Rainwater and Land Development Manual" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 21, 1999. The specified crosion and sediment 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

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 23rd DAY OF February , 2006 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS

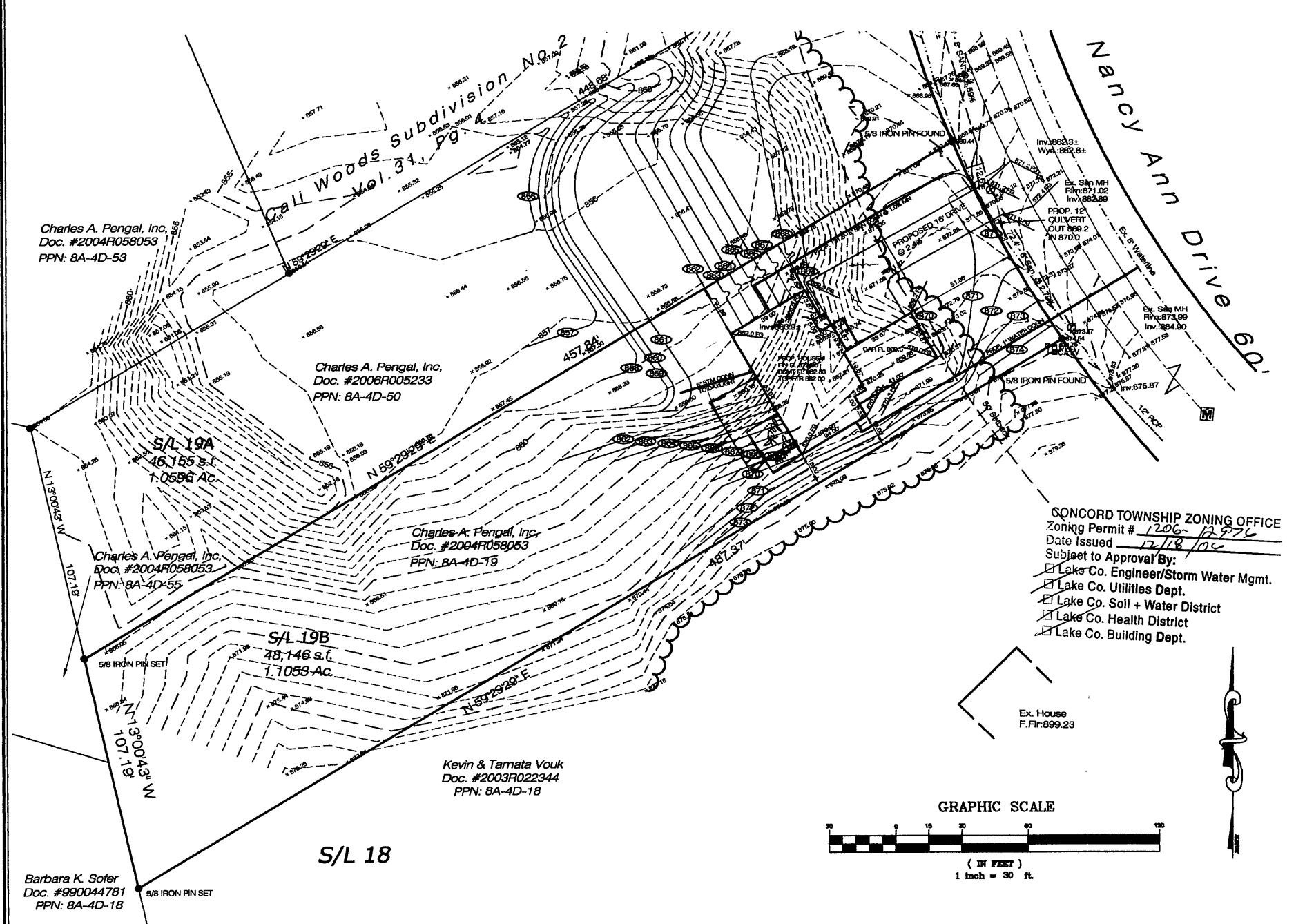




CALL TOLL FREE 800-362-2764 DHID UTILITIES PROTECTION SERVICE



PENGC1-0603



Temporary Seeding Species Selection "Lb./1,000 ft.2" Per Ac. March 1 to August 15 4 bushel Tall Fescue 40 lb. Annual Ryegrass Perennial Ryegrass Tall Feecue 40 lb. Annual Ryegrass August 16 to November 1 2 bushel 40 lb. Annual Ryegrass 40 lb. Tall Fescue Annual Ryegrass

November 1 to Spring Seeding "Use mulch only, sodding practices or dormant seeding." Note: Other approved seed species may be substituted.

Perennial Ryegrass

Annual Ryegrass

Tall Fescue

TEMPORARY SEEDING SPECIFICATIONS SHEET 1 OF 2)

40 lb.

Structural erosion- and sediment-control practices such as diversions and sediment traps shall be installed and stabilized with temporary seeding prior to grading the rest of the construction-site.

2. Temporary seed shall be applied between construction operations on soil that will not be graded or reworked for 21 days or more. These idle areas should be seeded as soon as possible after grading or shall be seeded within 7 days. Several applications of temporary seeding are necessary on typical construction projects.

The seedbed should be pulverized and loose to ensure the success of establishing vegetation. However, temporary seeding shall not be postponed if ideal seedbed preparation is not possible.

4. Soil Amendments-Applications of temporary vegetation shall establish adequate stands of vegetation which may require the use of soil amendments. Soil tests should be taken on the site to predict the need for time and fertilizer.

5. Seeding Method-Seed shall be applied uniformly with a cyclone seeder, drill, cultipacker seeder, or hydroseeder. When feasible, seed that has been broadcast shall be covered by raking or dragging and then lightly tamped into place using a roller or cultipacker. If hydroseeding is used, the seed and fertilizer will be mixed on-site and the seeding shall be done immediately and without interruption.

> **TEMPORARY** SEEDING SPECIFICATIONS (SHEET 2 OF 2)

1. APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING.

HYDROSEEDERS-IF WOOD CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000

MECHANICAL-A DISK, CRIMPER, OR SIMILAR TYPE TOOL SHALL BE SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT, GENERALLY, BE LEFT LONGER THAN 6

MULCH NETTINGS-NETTINGS SHALL BE USED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS. NETTING MAY BE NECESSARY TO HOLD MULCH IN PLACE IN APIEAS OF CONCENTRATION RUNOFF AND ON CRITICAL SLOPES.

WOOD-CELLULOSE FIBER-WOOD-CELLULOSE FIBER BINDER SHALL BE AFFLIED AT A

MULCHING TEMPORARY SEEDING

STRAW—IF STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC, OR 90 LB./1,000 SQ. FT. (TWO TO THREE BALES). THE MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO IPPROXIMATELY 1,000-SQ.-FT. SECTIONS AND SPREAD TWO 45-LB. BALES OF STRAW IN

LB./AC. OR 46 LB./1,000 SQ. FT.

OTHER-OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD CHIPS APPLIED AT 6

3. STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER. ANCHORING METHODS:

SYNTHETIC BINDERS-SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70 PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE

NET DRY WEIGHT OF 750 LB./AC. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL.

TEMPORARY SEEDING NOTES

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

NOTE: THE CONTRACTOR BUILDER SHALL NOTIFY THE APPROVING ENGINEER IF GROUNDWATER IS OBSERVED DURING THE EXCAVATION OF

-Contractor To Verify Depth And Location Of Utility Connections; -See Architect Plans For Complete House Dimensions.

GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

THE BASEMENT.

(Individual Homesites) (5-13-05)

All erosion and sediment control specifications, applications, and timetables are based of the descriptions and standards of The Ohio Department of Natural Resources