S/L 2 Holden Ridge

## EROSION CONTROL TIMETABLE

September 22, 2003

### ACCEPTABLE EROSION CONTROL TIMETABLE

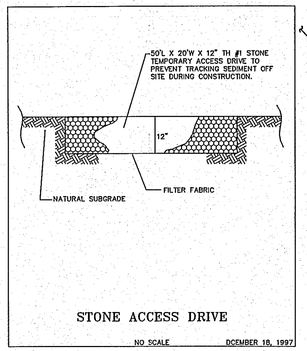
| | J | F | M | A | M | J | J | A | S | O | N | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEMP. SEEDING | | | * | * | * | * | * | * | * | | | |
| PERM. SEEDING | | | * | * | * | * | * | * | * | | | |
| LANDSCAPING | | | | * | * | * | | | | * | * | * |
| MULCHING | * | * | * | * | * | * | * | * | * | * | * | * |
| MAINTENANCE | * | * | * | * | * | * | * | * | * | * | * | * |

** SEEDING INSTALLED FROM MAY 15 – AUG. 15 WILL REQUIRE ADDITIONAL WATERING TO PROMOTE SEED GROWTH. MULCH MAY ALSO BE USED TO HOLD MOISTURE.

### SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS

| | J | F | M | A | M | J | J | A | S | O | N | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLEARING | | | | | | | | | | | | |
| ROUGH GRADING | | | | | | | | | | | | |
| TEMP. EROSION CONTROL | * | * | * | * | * | * | * | * | * | * | * | * |
| STORMWATER DETENTION POND | | | | | | | | | | | | |
| FINE GRADING | | | | | | | | | | | | |
| PAVING | | | | | | | | | | | | |
| TOPSOIL AND PERMANENT SEEDING | | | | | | | | | | | | |
| LANDSCAPING | | | | | | | | | | | | |
| TEMP. EROSION CONTROL MAINTENANCE | * | * | * | * | * | * | * | * | * | * | * | * |

\STORM & EROSION DETAILS\EROSION CONTROL TIMETABLE



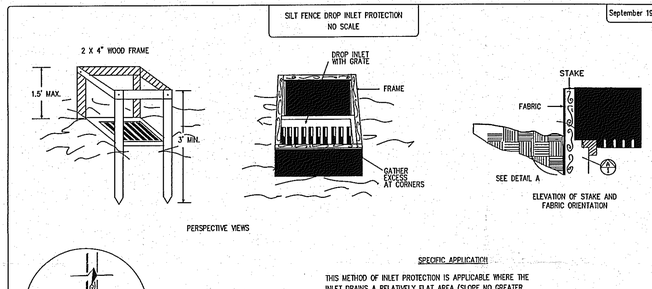

STONE ACCESS DRIVE

NO SCALE DECEMBER 18, 1997

## SILT FENCE DROP INLET PROTECTION

NO SCALE

September 19, 2003




SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT EXCEEDING 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

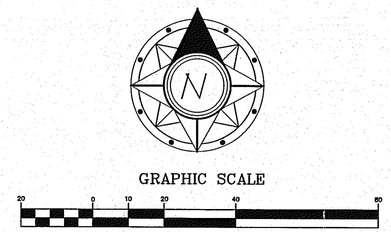
SOURCE: N.C. Erosion and Sediment Control Planning and Design Manual, 1988

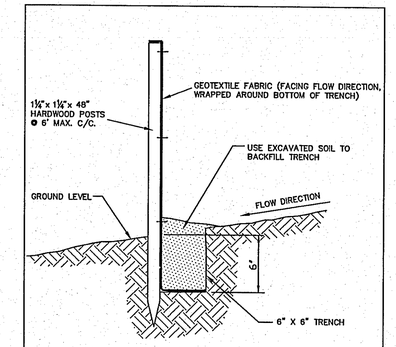
\STORM & EROSION DETAILS\SILT FENCE DROP INLET PROTECTION DETAIL

Temporary Seeding Specifications

| Seeding Dates | Species | Lb. / 1000sqft | Per Acre |
|---|---|---|---|
| March 1 to August 15 | Oats | 3 | 4 bushel |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| | Perennial Ryegrass | 1 | 40 lb. |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| August 16 to November 1 | Rye | 1 | 2 bushel |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| | Wheat | 1 | 40 lb. |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| | Perennial Ryegrass | 1 | 40 lb. |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| November 1 to Spring Seeding | Use mulch only, sodding practices or dormant seeding | | |

Note: other approved seed species may be substituted.

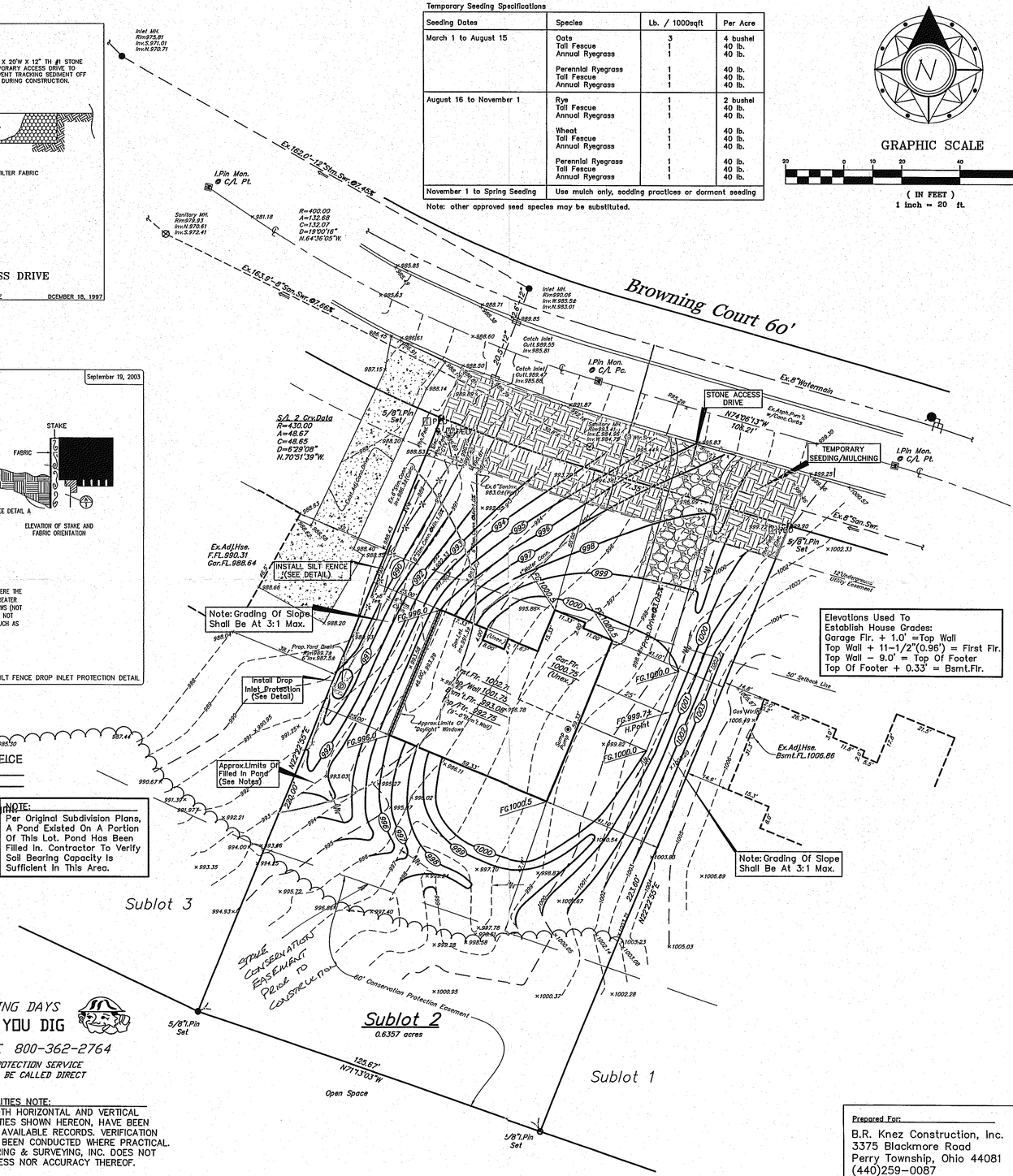



TYPICAL CROSS SECTION

## SILT FENCE DETAIL

NO SCALE DECEMBER 19, 1997




ESTIMATED IMPERVIOUS AREA
HOUSE: 0.07Ac.
DRIVE: 0.04Ac.
TOTAL: 0.11 Ac.

*House Summary*

*3-Car Side Entry, Left Hand With Full Basement*
*Str.Add.: Browning Court*
*-See Architect Plans For Complete House Dimensions.*
*-Utility Connections Per Plan; Contractor To Verify Location And Depth Of All Laterals.*

NOTE: HOUSE DOWNSPOUTS AND SUMP PUMP TO BE CONNECTED TO EXISTING 6" STORM CONNECTION.

-FINAL LOCATION OF DOWNSPOUTS AND SUMP PUMP TO BE VERIFIED WITH ARCHITECTURAL PLANS.

*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 27th. DAY OF FEBRUARY, 2006, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.*

*Dustin R. Keeney, P.E.65515*

*Site & Grade Hse., 3-16-06 G.S.V.*


POLARIS ENGINEERING & SURVEYING, INC.
34600 CHARDON ROAD – SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-3722 (Fax)
www.polaris-es.com


### DESIGN CERTIFICATION

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

NAME 3/16/06 DATE

### BENCHMARK:

*B.M.=T.B.M. Set On Rim Of Existing Sanitary Manhole Located In Front Of Sublot 2;*
*Elev.....993.41*

STATE OF OHIO DUSTIN R. KEENEY E-65515 REGISTERED PROFESSIONAL ENGINEER

STATE SEAL

### "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 AND BELIEF.

NAME DATE

Erosion and Sediment Control Schedule

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

Silt Fence
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 thirty (30) 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.

Mulching
Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) 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.

Maintenance
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.

Note:
All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The *Ohio Department of Natural Resources "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 erosion and sediment control standards are the 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.

CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 05-06-1263
Date Issued 9/3/06
Subject to Approval By:
☐ Lake Co. Engineer/Storm Water Mgmt.
☐ Lake Co. Utilities Dept.
☐ Lake Co. Soil + Water District
☐ Lake Co. Health District
☐ Lake Co. Building Dept.

NOTE:
Per Original Subdivision Plans, A Pond Existed On A Portion Of This Lot. Pond Has Been Filled In. Contractor To Verify Soil Bearing Capacity Is Sufficient In This Area.

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
*OHIO UTILITIES PROTECTION SERVICE*
*NON-MEMBERS MUST BE CALLED DIRECT*

EXISTING UNDERGROUND UTILITIES NOTE:
THE SIZE AND 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, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

Prepared For:
B.R. Knez Construction, Inc.
3375 Blackmore Road
Perry Township, Ohio 44081
(440)259-0087
"THE ROSS RESIDENCE"

# SUBLOT 2
## Holden Ridge Ph.1
(Formerly Wellesley Chase Subdivision No.1)
Concord Twp., Lake County, Ohio

CONTRACT No. 05750
DATE: 3/7/06
SCALE: HOR. 1"=20'
VERT.
FILENAME: sublot2.dwg
TAB: xxxx
DRAWN: xxxx
FIELD: xxxx

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By L.S. Date 4/5/06