

Erosion and Sediment Control Schedule

Ingress-Egress

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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:

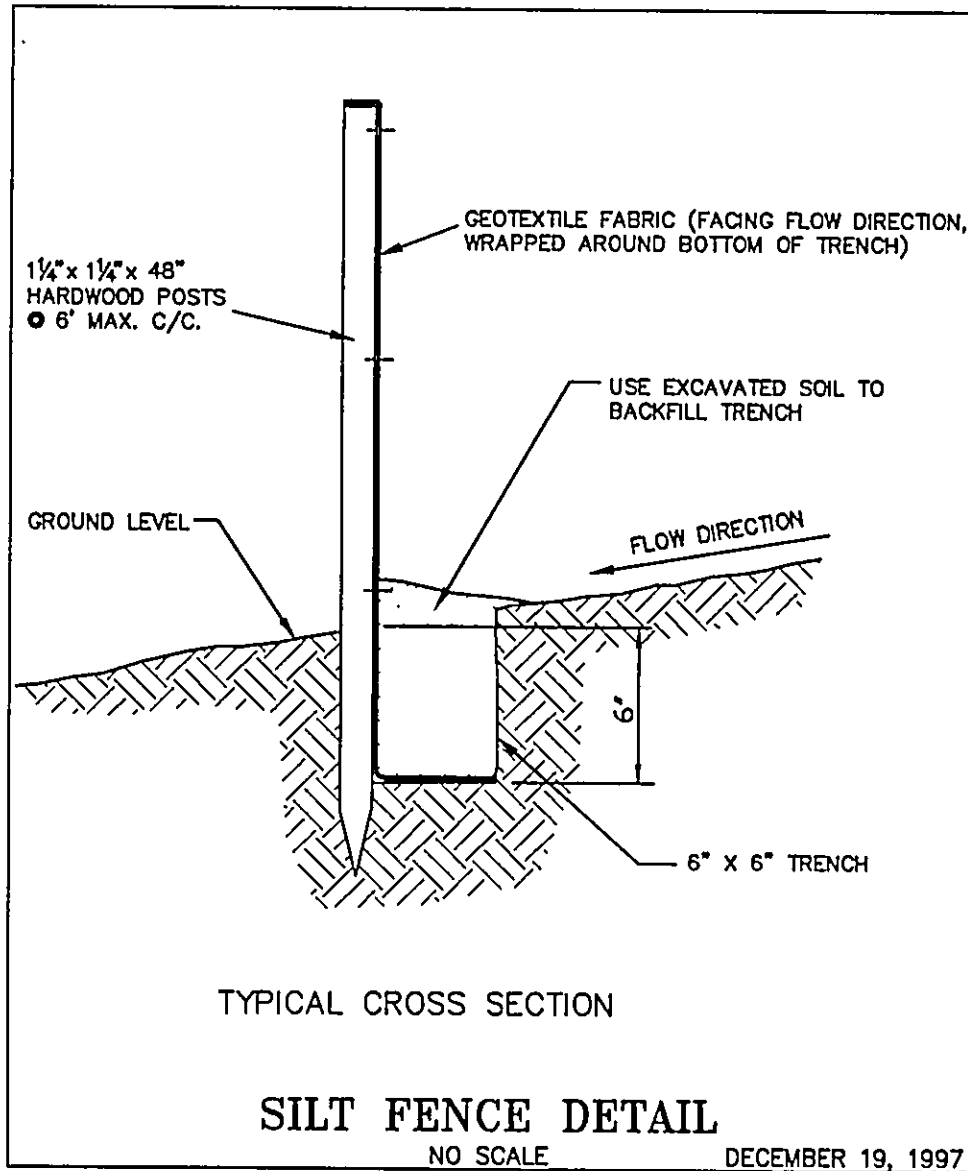
All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources "Rainwater and Land Development Manual" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 21, 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.

GRAPHIC SCALE

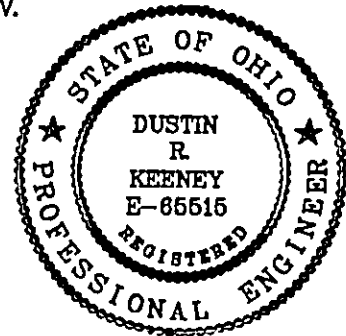


(IN FEET)
1 inch = 20 ft.

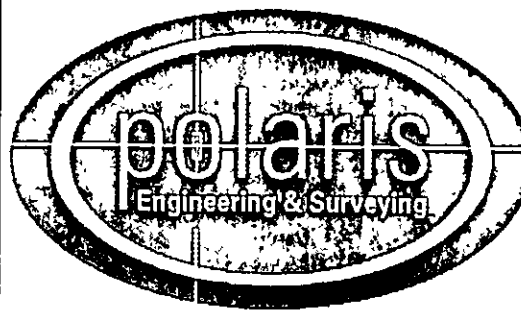


I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 6", 1", OR 2" CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 20th DAY OF FEBRUARY 2004, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Dustin R. Keeney 2/10/04
Dustin R. Keeney, P.E. 65515



Site & Grade Hse., 2-10-04 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.

Dustin R. Keeney 2/10/04
NAME DATE

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located In Front Of Adj. S/L33
Elevation 937.26

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

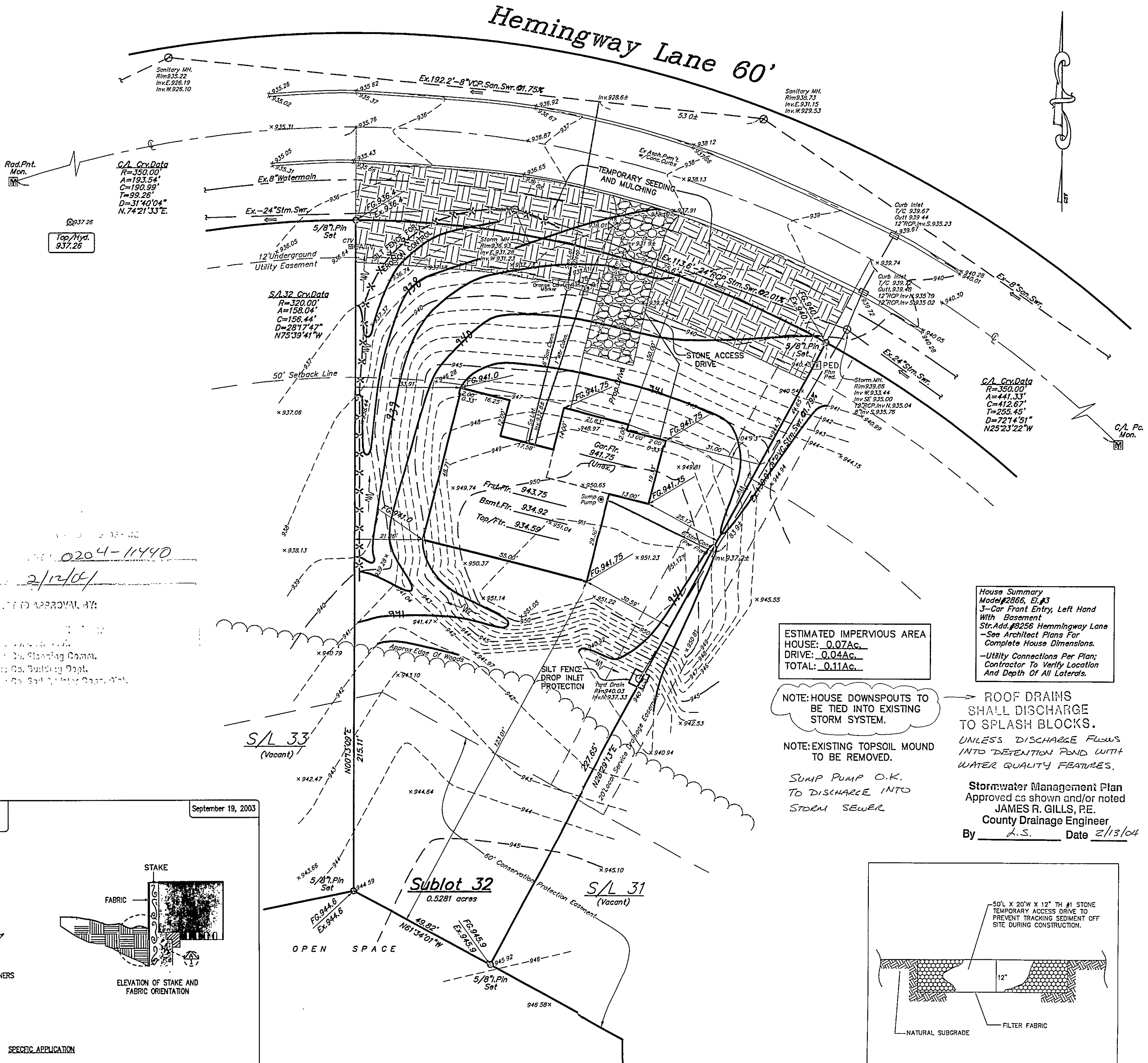
SUBLOT 32
Holden Ridge Ph.2
WELLESLEY CHASE SUB'D PHASE No. 2
Concord Twp., Lake County, Ohio

CONTRACT No.
04568

DATE: 02/10/04

SCALE: HOR. 1"=20'
VERT.

FILENAME: sl32-altplan.dwg



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

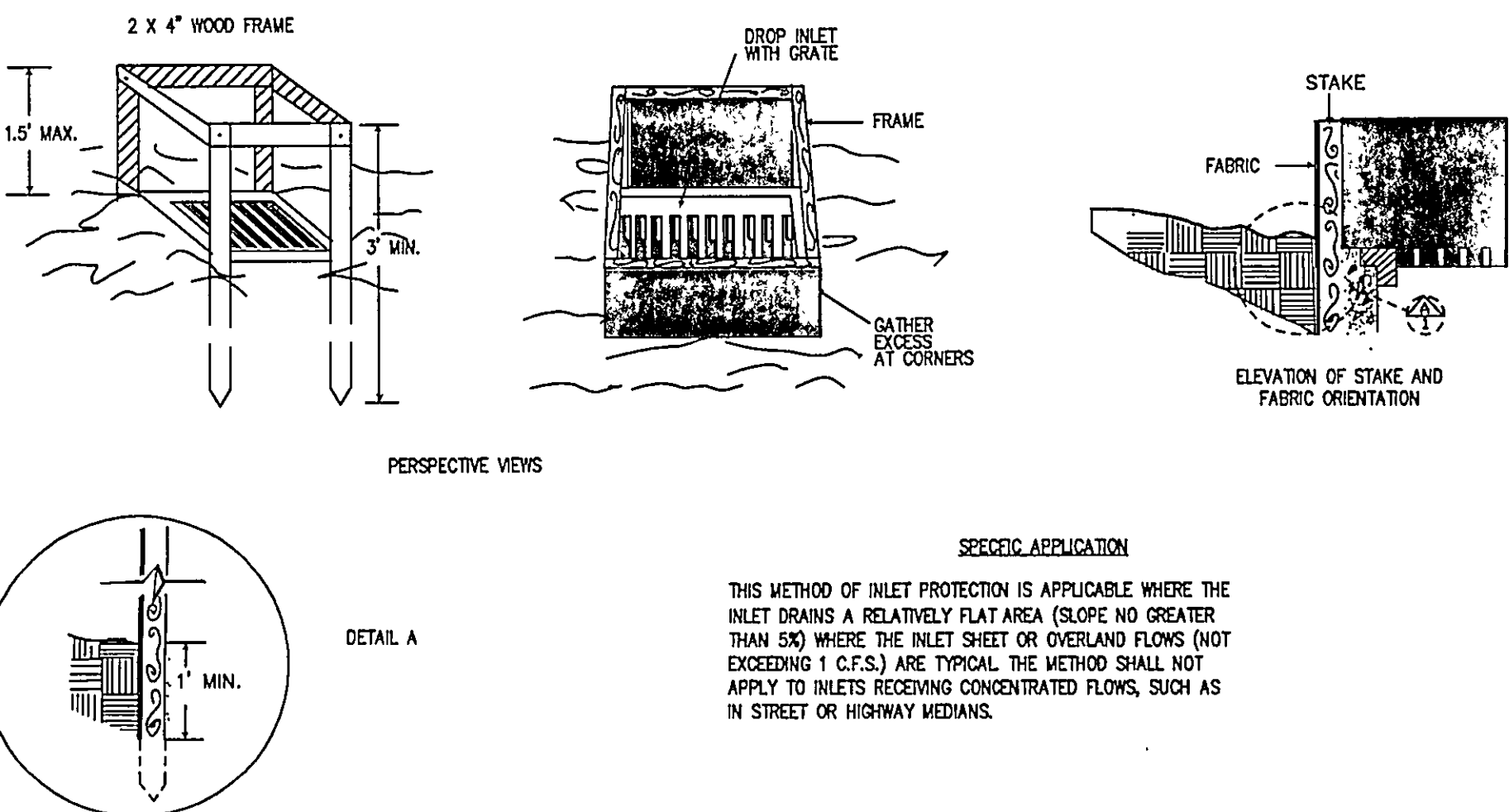
| | J | F | M | A | M | J | J | A | S | O | N | D |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| CLEARING | * | * | * | * | * | * | * | * | * | * | * | * |
| GRADING | * | * | * | * | * | * | * | * | * | * | * | * |
| TEMP. EROSION CONTROL | * | * | * | * | * | * | * | * | * | * | * | * |
| STORMWATER DETENTION POND | * | * | * | * | * | * | * | * | * | * | * | * |
| UTILITIES | * | * | * | * | * | * | * | * | * | * | * | * |
| FINAL GRADING | * | * | * | * | * | * | * | * | * | * | * | * |
| PAVING | * | * | * | * | * | * | * | * | * | * | * | * |
| LANDSCAPING | * | * | * | * | * | * | * | * | * | * | * | * |
| TEMP. EROSION CONTROL MAINTENANCE | * | * | * | * | * | * | * | * | * | * | * | * |

\\STORM & EROSION DETAILS\\EROSION CONTROL TIMETABLE

SILT FENCE DROP INLET PROTECTION

NO SCALE

September 19, 2003



SOURCE: N.C. Erosion and Sediment Control Planning and Design Manual, 1998

Erosion and Sediment Control Schedule

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EROSION CONTROL TIMETABLE

September 22, 2003

ACCEPTABLE EROSION CONTROL TIMETABLE

| | M | F | T | W | T | F | S | S | A | S | O | N | D |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEMP. SEEDING | * | * | * | * | * | * | * | * | * | * | * | * | * |
| STRAW MULCHING | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 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

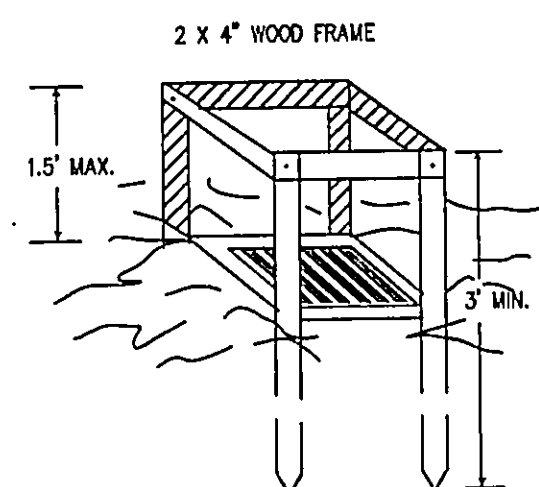
| | M | F | T | W | T | F | S | S | A | S | O | N | D |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRADING | * | * | * | * | * | * | * | * | * | * | * | * | * |
| EROSION CONTROL | * | * | * | * | * | * | * | * | * | * | * | * | * |
| STORMWATER DETENTION POND | * | * | * | * | * | * | * | * | * | * | * | * | * |
| UTILITIES | * | * | * | * | * | * | * | * | * | * | * | * | * |
| FINAL GRADING | * | * | * | * | * | * | * | * | * | * | * | * | * |
| LANDSCAPING | * | * | * | * | * | * | * | * | * | * | * | * | * |
| EROSION AND SEDIMENT CONTROL | * | * | * | * | * | * | * | * | * | * | * | * | * |
| STORMWATER DETENTION POND | * | * | * | * | * | * | * | * | * | * | * | * | * |

STORM & EROSION DETAILS/EROSION CONTROL TIMETABLE

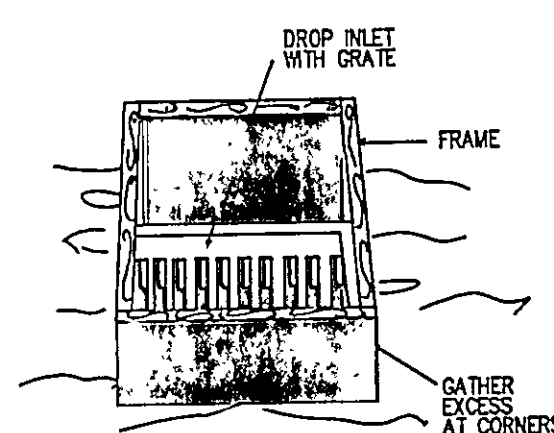
SILT FENCE DROP INLET PROTECTION

NO SCALE

September 19, 2003



PERSPECTIVE VIEWS

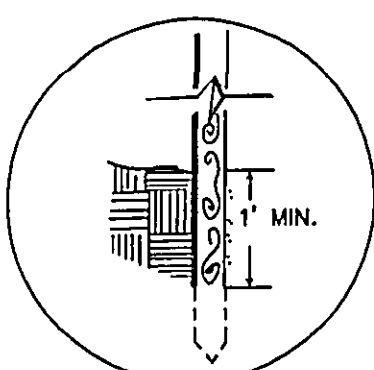


ELEVATION OF STAKE AND FABRIC ORIENTATION

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.

DETAIL A

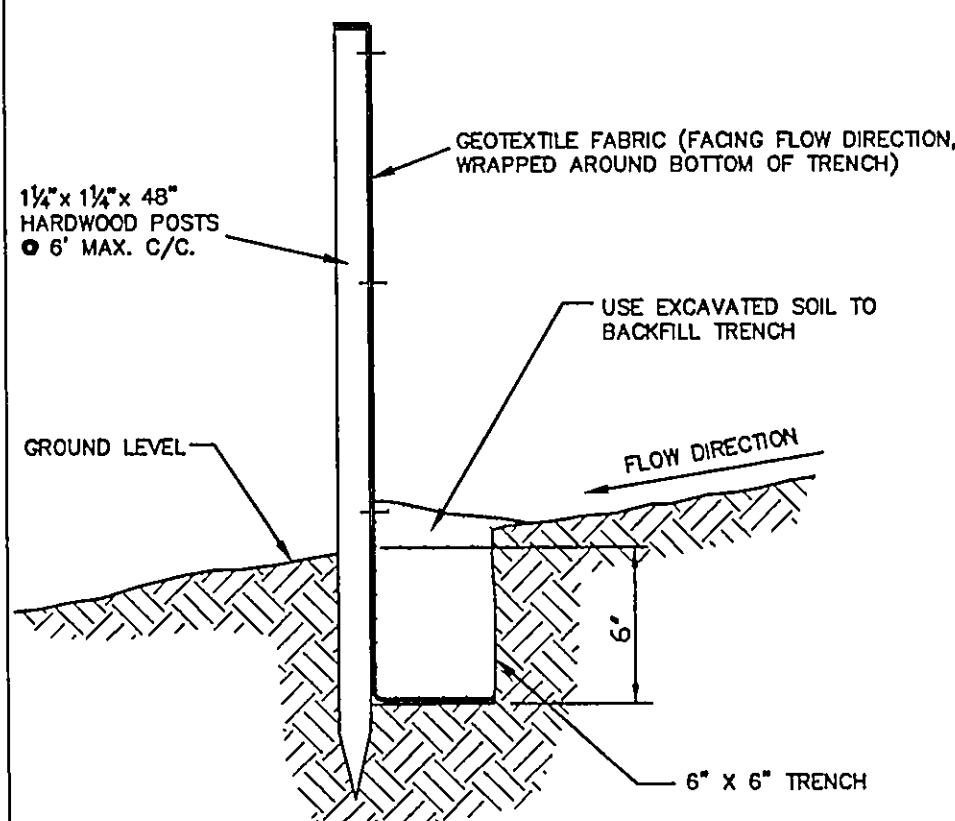


SOURCE: N.C. Erosion and Sediment Control Planning and Design Manual, 1993

STORM & EROSION DETAILS/SILT FENCE DROP INLET PROTECTION DETAIL

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.



TYPICAL CROSS SECTION

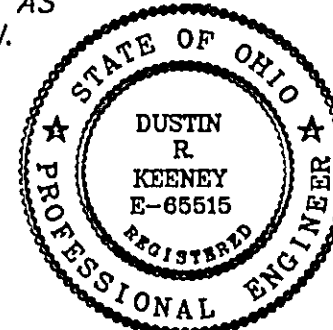
SILT FENCE DETAIL

NO SCALE

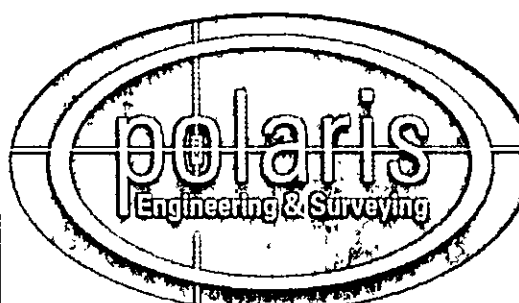
DECEMBER 19, 1997

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 6th DAY OF FEBRUARY, 2004, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Dustin R. Keeney 7/2/04
Dustin R. Keeney, P.E. 65515



Site & Grade New Hse., 7-20-04 G.S.V.
Site & Grade Hse., 2-10-04 G.S.V.



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Dustin R. Keeney 7/2/04
NAME DATE

BENCHMARK:

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Located In Front Of Adj. S/L33
Elevation 937.26

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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

SUBLOT 32
Holden Ridge Ph.2

Concord Twp., Lake County, Ohio

CONTRACT No.

04568

DATE: 7/20/04

SCALE: HOR. 1"=20'

VERT.

FILENAME: sl32-siltplan.dwg

ESTIMATED IMPERVIOUS AREA
HOUSE: 0.06AC.
DRIVE: 0.04AC.
TOTAL: 0.10AC.

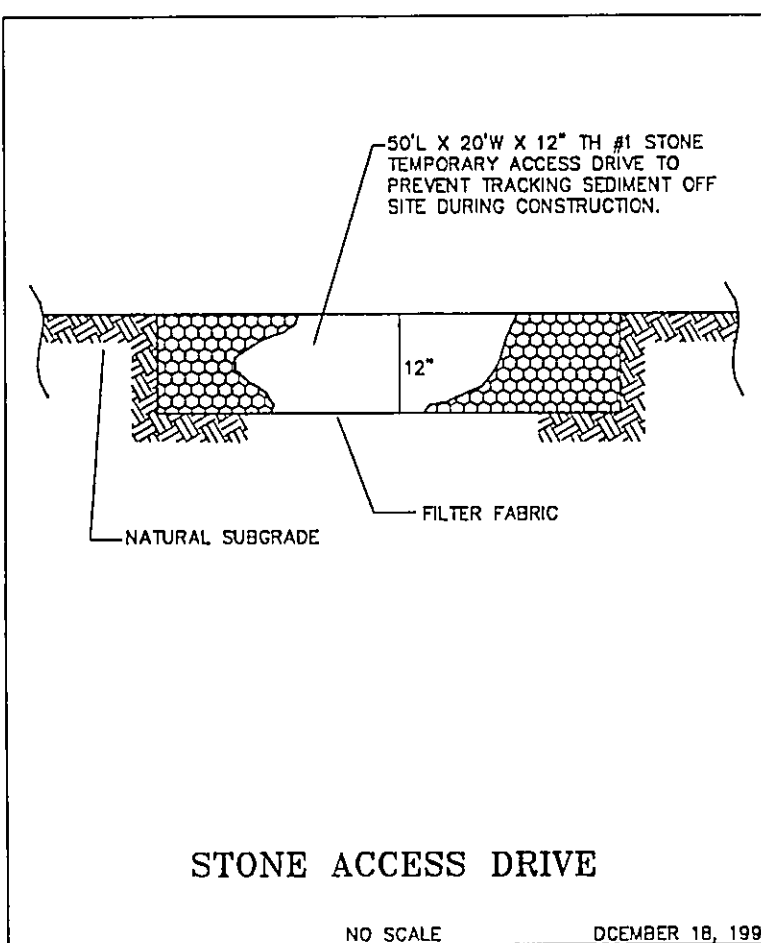
NOTE: HOUSE DOWNSPOUTS TO BE TIED INTO EXISTING STORM SYSTEM.

NOTE: FINAL LOCATION OF DOWNSPOUTS TO BE VERIFIED WITH ARCHITECTURAL PLANS.

NOTE: EXISTING TOPSOIL MOUND TO BE REMOVED.

House Summary
Model#3644, Et.#1
3-Car Side Entry, Left Hand
With Basement
Str. Add. #8256 Hemmingway Lane
-See Architect Plans For
Complete House Dimensions.
-Utility Connections Per Plan;
Contractor To Verify Location
And Depth Of All Laterals.

By 6117 Date 7/2/04



STONE ACCESS DRIVE

NO SCALE DECEMBER 19, 1997