



Key:
Gar.Flr.=Garage Floor Elevation At Garage Door
Top/Wall=Top Of Wall Elevation
Frst.Flr.=First Floor Elevation
Bsmt.Flr.=Basement Floor Elevation
Top/Ftr.=Top Of Footer Elevation

Elevations Used To Establish House Floor Grades:

- Gar.Flr.+1'0"=Top/Wall
- Top/Wall+11.5"(0.96')=Frst.Flr.
- Frst.Flr.-9'0"=Top/Ftr.
- Top/Ftr.+4"(0.33')=Bsmt.Flr.

DRIP DISTRIBUTION PLAN SUBMITTAL REVIEW

Drip distribution area has been field
verified and protected with marking tape

Plans submitted to LCGHD and meet design criteria

Hydraulic calculations verified and accurate

CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 1205-12532
Date Issued 12/14/05

Subject to Approval By: _____

- 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: Proposed Septic Area Must Have a 20' Minimum Separation From Proposed Water Service Line.**

Note: Existing Gravel Drive To Be
Used For Construction Access.

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.

2 WORKING DAYS
BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECT

R.L. & J.L. Anderson
PPN: 08-A-021-0-00-068-0
Doc. #980037958

N89°02'21"E
395.89'

NOTE: DRIP INSTALLER TO PROVIDE A GRAVITY DRAIN OUT OF THE HYDRAULIC UNIT. DRAIN TO CONNECT TO HOUSE FOOTER TILE OR DRAIN TO DAYLIGHT.

— Storm Connection For Downspouts
And Footer Drains To Outlet To
Daylight. Install Rock Protection

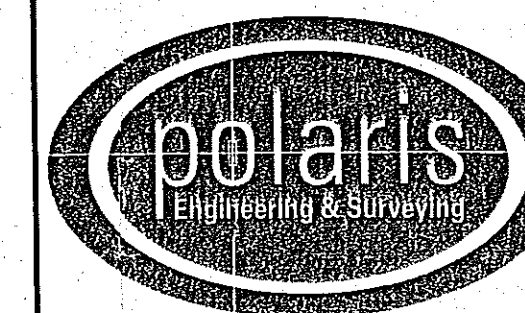
S/L 56-B
Krupka Construction Inc.
PPN: 08-A-021-A-00-021-0
Doc.#2005R033980



(IN FEET)
1 inch = 30 ft.

Auburn Vocational Board
Of Education
PPN: 08-A-021-0-00-006-0
Doc.#200040130

Site & Grade Hse., 12-13-05 G.S.V.



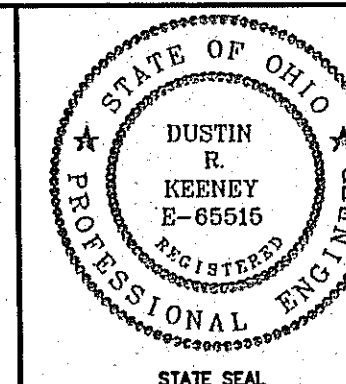
POLARIS ENGINEERING & SURVEYING, INC.
34600 CHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-3722 (Fax)
www.polaris-es.com

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

NAME Austin C. Leary DATE 12/13/05

Benchmark:

B.M.=North Invert Of Culvert Located In
Front Of Sublot 52;
Elev:.....975.57



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 56-B
Mount Royal

CONCORD TOWNSHIP - LAKE COUNTY - OHIO

Prepared For: Krupka Construction Inc.

CONTRACT No.
05796

DATE: 12/13/05
SCALE: HOR. 1"=30'
VERT.
FILENAME: Topo.dwg
TAB: Siteplan
DRAWN: G.S.V.
FIELD: R.W.

I, THE UNDER SIGNED, HEREBY CERTIFY THAT THIS
TOPOGRAPHY, INDICATED BY CONTOURS AND
ELEVATIONS SHOWN HEREON, REPRESENT AN
ACTUAL FIELD SURVEY MADE BY ME ON
AUGUST 3rd. 20 05

AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT, AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

I FURTHER CERTIFY THAT THIS SEWAGE SYSTEM DESIGN MEETS THE MINIMUM REQUIREMENTS ESTABLISHED BY THE LCGHD IN THE HSTS GUIDANCE MANUAL, AND THE REQUIREMENTS AND RECOMMENDATIONS OF THE SYSTEM MANUFACTURER.

DUSTIN R. KEENEY, P.E.65515

ESTIMATED IMPERVIOUS AREA
HOUSE: 0.07Ac.
CONC.DRIVE(PAD): 0.03Ac.
TOTAL: 0.10Ac.

Sheet
1 Of 2

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
Date 1-5-06

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 at 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.

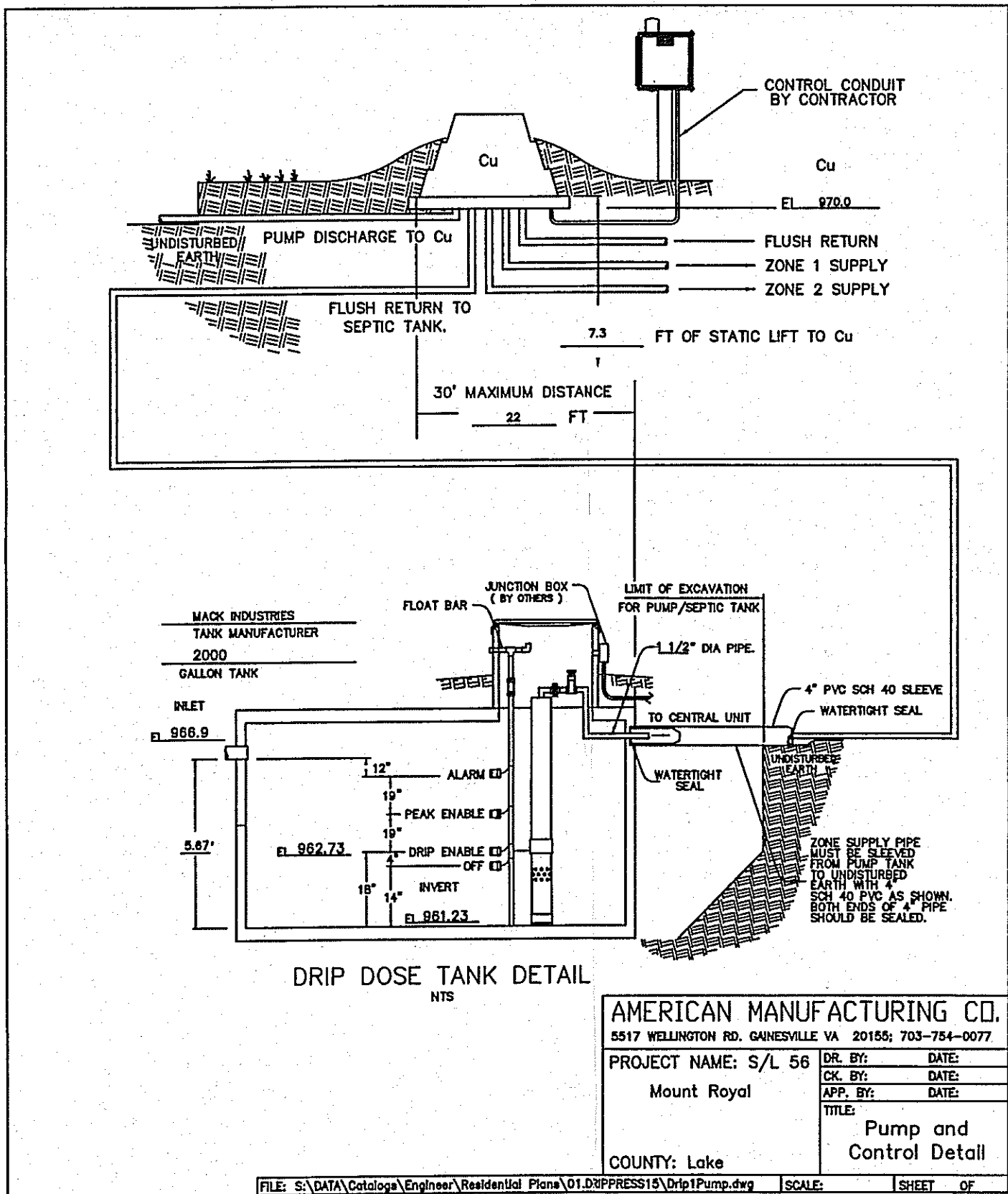
Note:
All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources "Rainwater and Land Development Manual" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 21, 1999.

The specified erosion and sediment control standards are 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.

Temporary Seeding Specifications

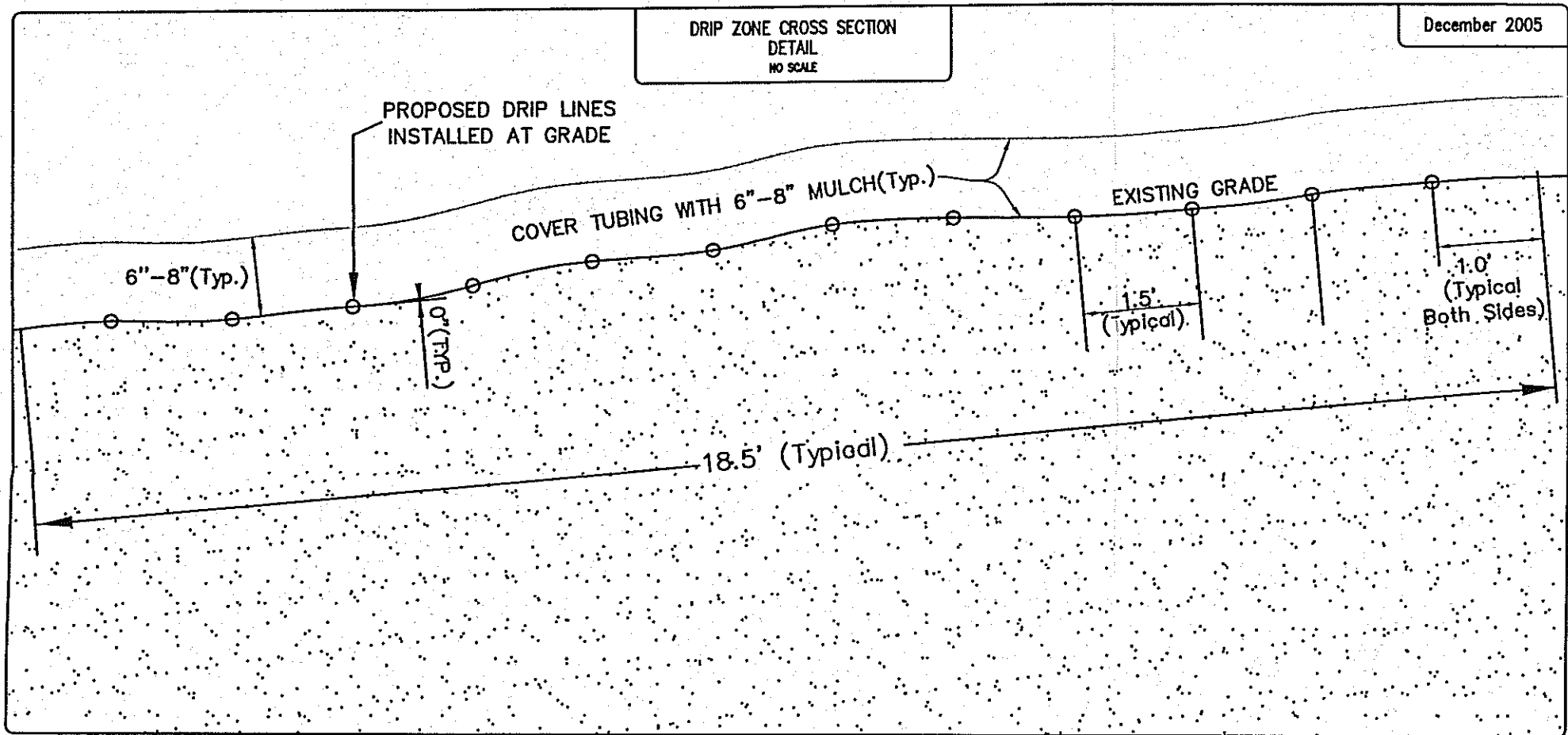
Seeding Dates	Species	Lb. / 1000sqft	Per Acre
March 1 to August 15	Oats	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
August 16 to November 1	Rye	1	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	1	40 lb.
November 1 to Spring Seeding	Tall Fescue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

Note: other approved seed species may be substituted.



DRIP DOSE TANK DETAIL

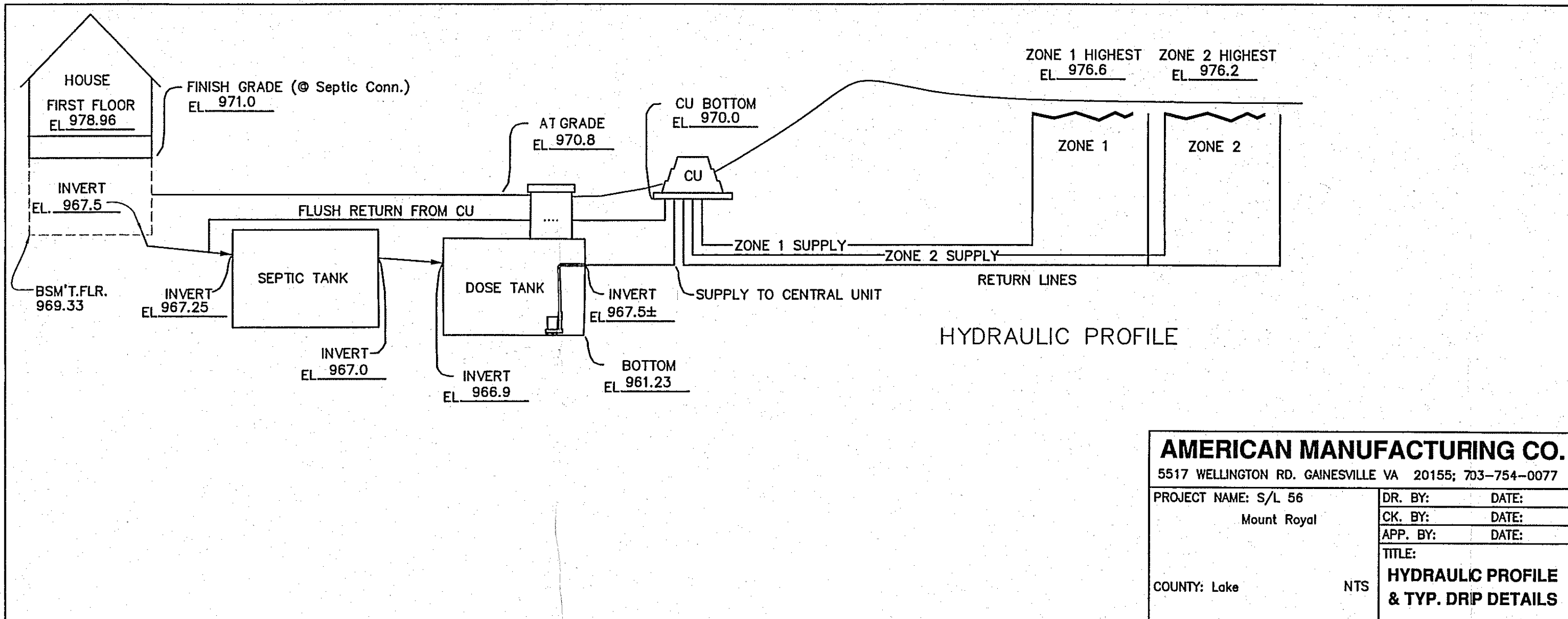
AMERICAN MANUFACTURING CO.
5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077
PROJECT NAME: S/L 56
Mount Royal
COUNTY: Lake
TITLE: Pump and Control Detail
SCALE: 1/8" = 1'-0"
SHEET 1 OF 2



DRIP ZONE CROSS SECTION

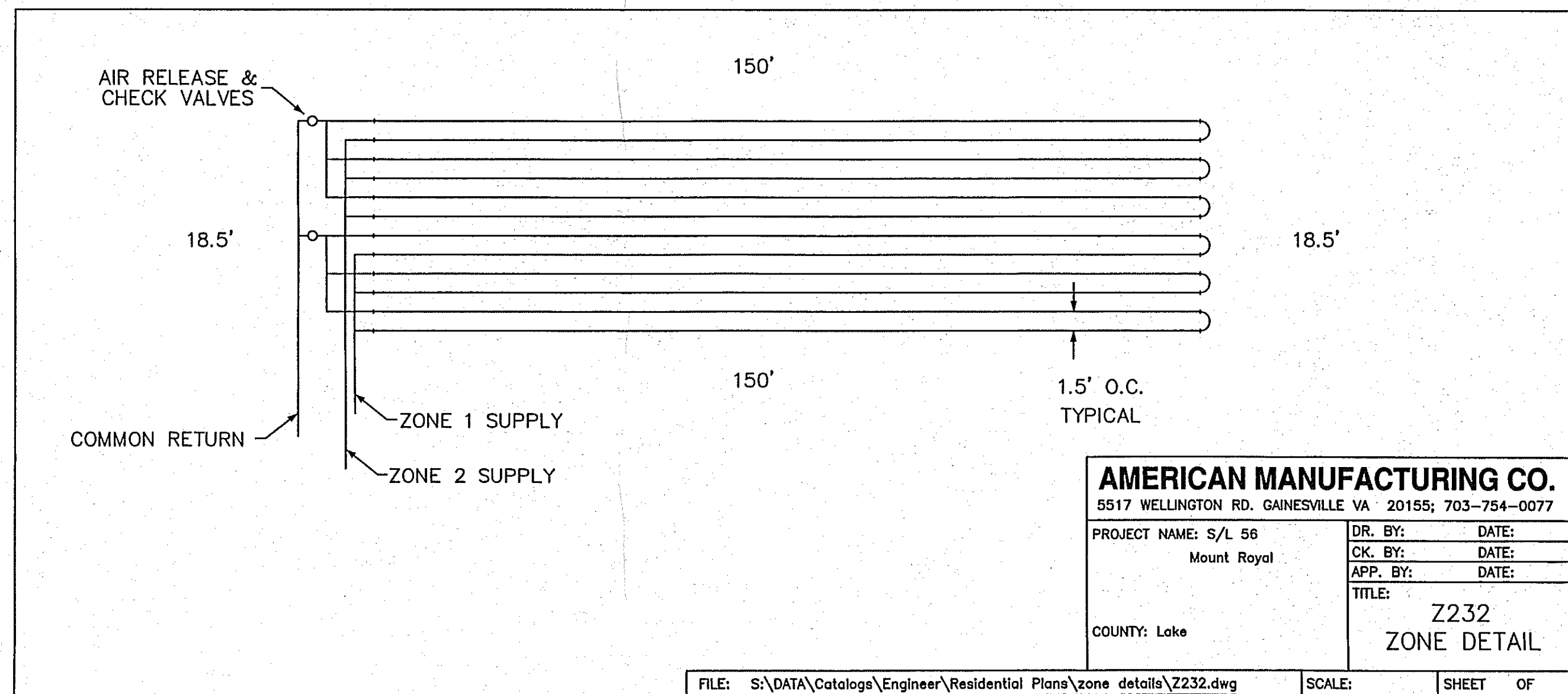
DETAIL

December 2005

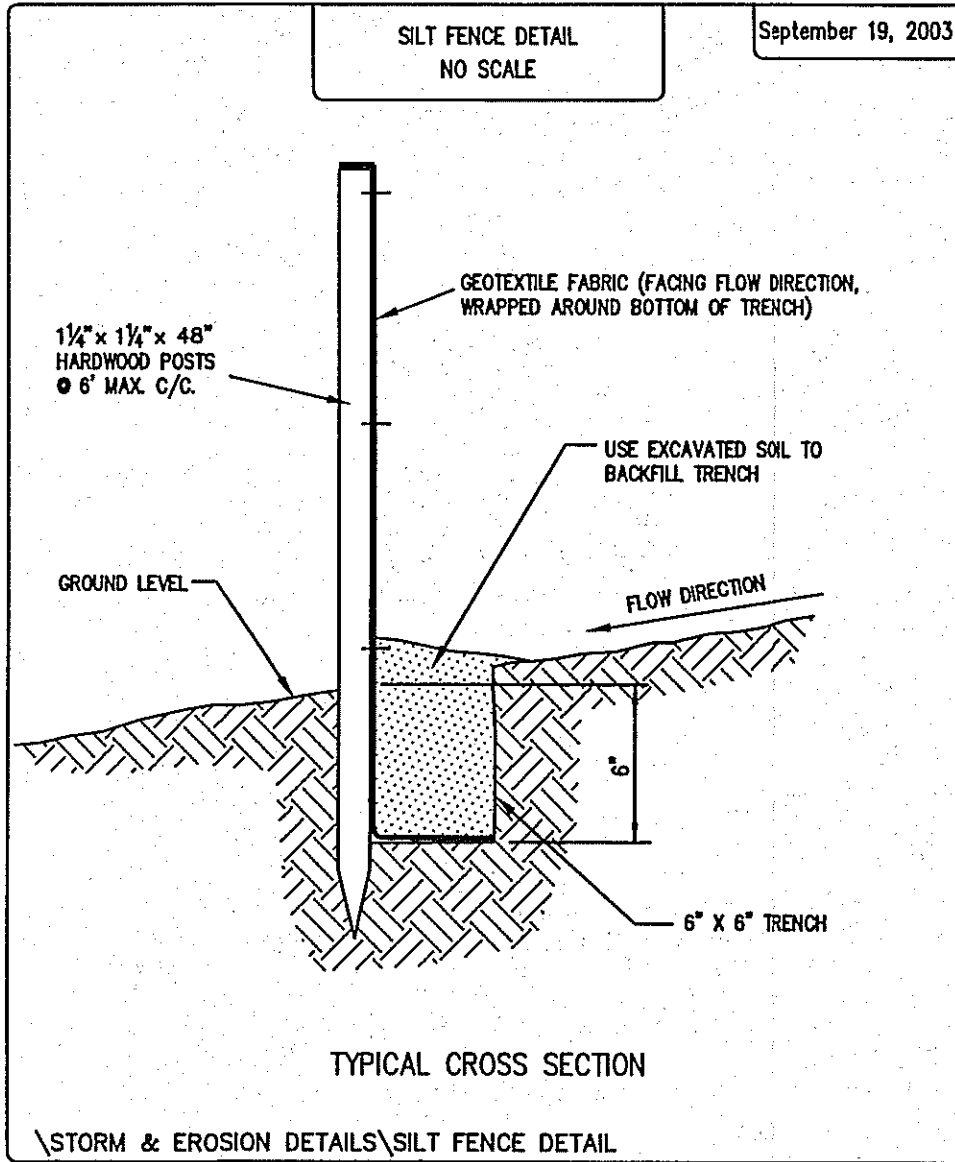


HYDRAULIC PROFILE

AMERICAN MANUFACTURING CO.
5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077
PROJECT NAME: S/L 56
Mount Royal
COUNTY: Lake
TITLE: HYDRAULIC PROFILE & TYP. DRP DETAILS
SCALE: 1/8" = 1'-0"
SHEET 2 OF 2

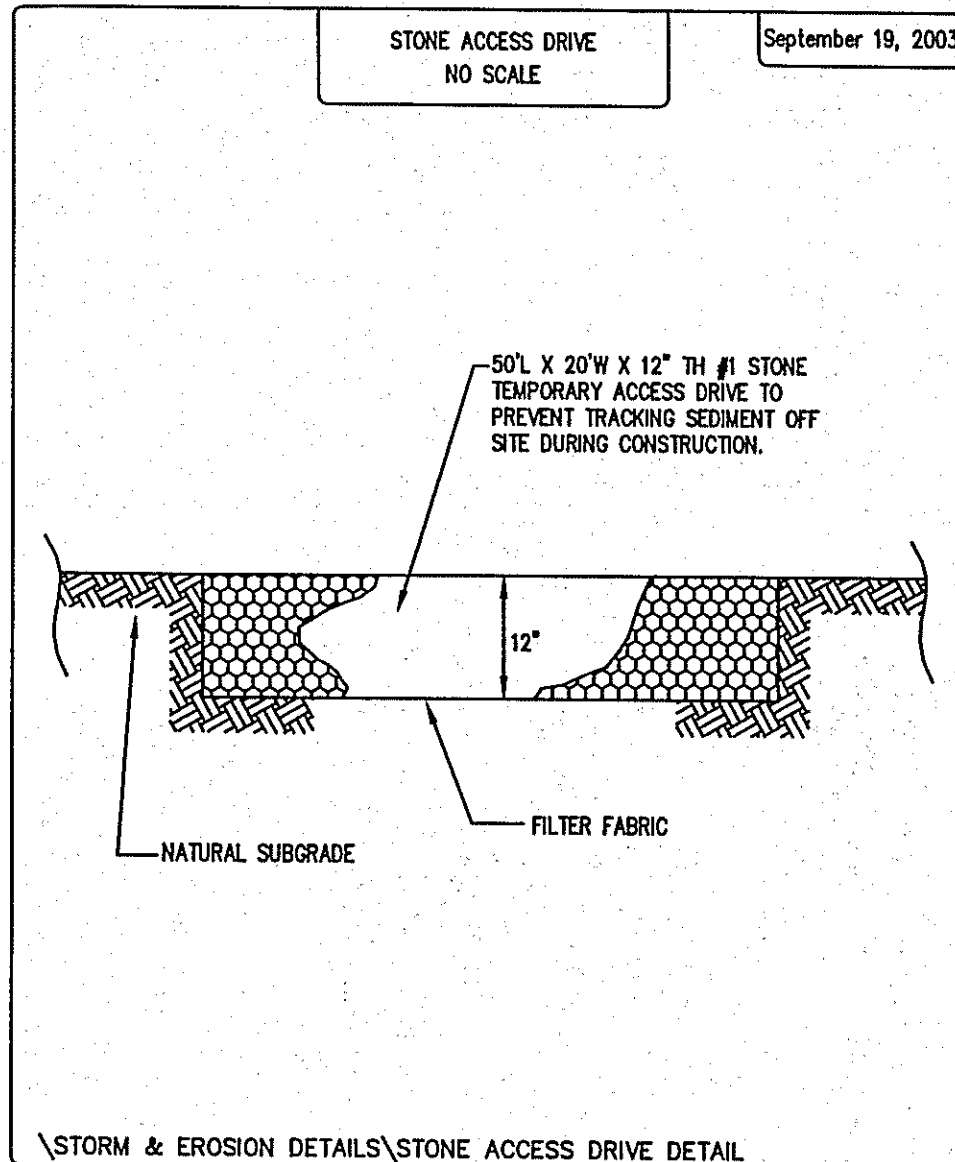


AMERICAN MANUFACTURING CO.
5517 WELLINGTON RD. GAINESVILLE VA 20155; 703-754-0077
PROJECT NAME: S/L 56
Mount Royal
COUNTY: Lake
TITLE: Z232 ZONE DETAIL
SCALE: 1/8" = 1'-0"
SHEET 2 OF 2



TYPICAL CROSS SECTION

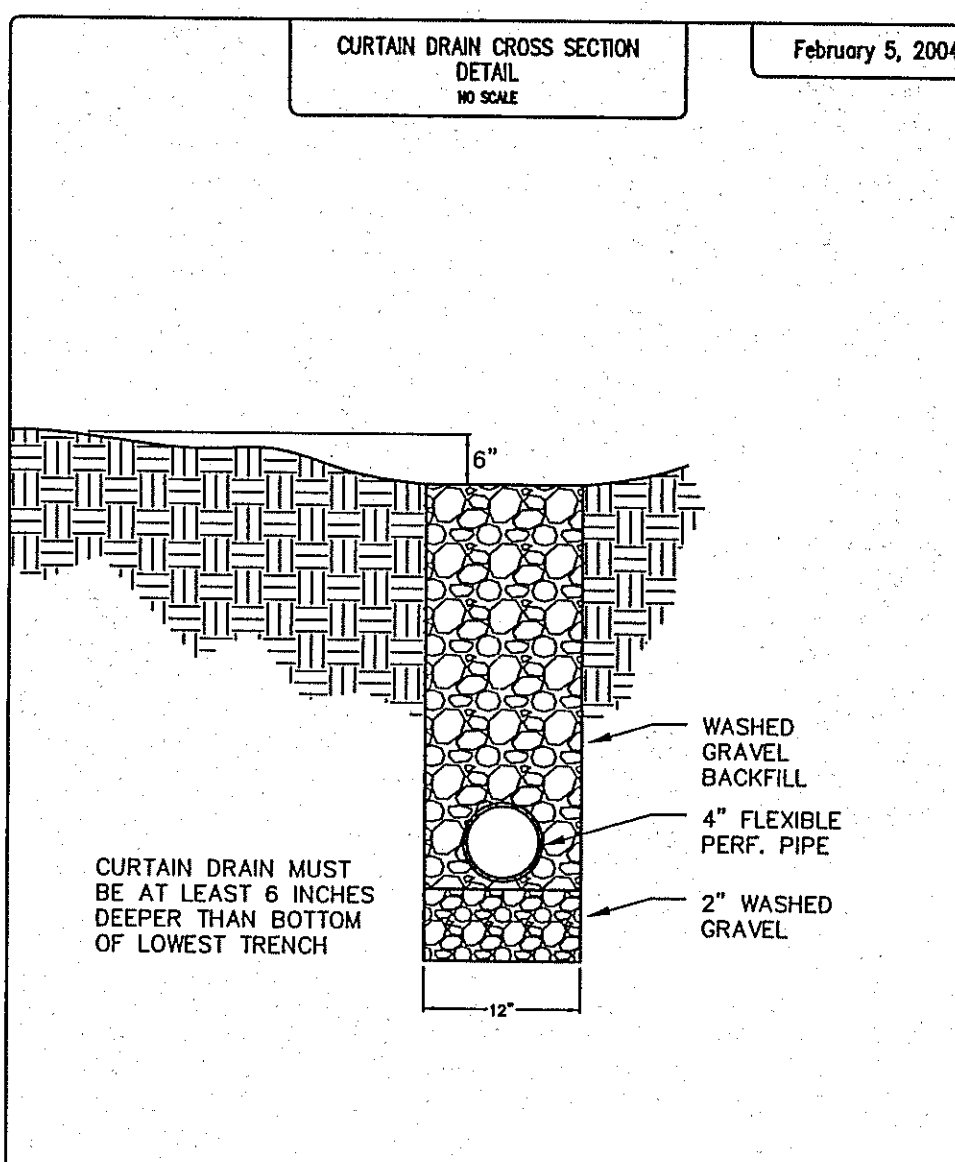
STORM & EROSION DETAILS\SILT FENCE DETAIL



STONE ACCESS DRIVE

DETAIL

September 19, 2003



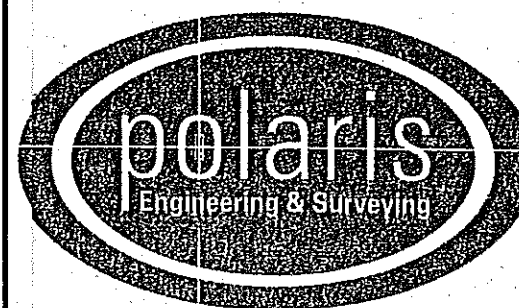
CURTAIN DRAIN CROSS SECTION

DETAIL

February 5, 2004

LAKE COUNTY HEALTH DEPARTMENT NOTES:

- DRIP DISTRIBUTION FIELD (DRIP TUBING AT GRADE)
1. NO HEAVY EQUIPMENT SHALL BE OPERATED OVER THE DISTRIBUTION FIELD.
2. AREAS FOR DISTRIBUTION FIELD AND REPLACEMENT AREAS SHALL BE STAKED AND ROPED TO PREVENT ACCESS DURING ALL CONSTRUCTION ACTIVITIES ON THE SITE.
3. NO PARKING OR MATERIAL STORAGE IS PERMITTED IN AREAS DESIGNATED FOR THE DISTRIBUTION FIELD.
4. LOCALIZED DEPRESSIONS MAY BE FILLED WITH MOUND SAND AND TOP DRESSED WITH TOPSOIL AND SEEDED. (MAXIMUM FILL PERMITTED IS 6 INCH DEPTH)
5. ALL INSTALLATION AND CONSTRUCTION TECHNIQUES MUST CONFORM TO THE LAKE COUNTY GENERAL HEALTH DISTRICT REGULATIONS AND OTHER CODES AND REGULATIONS THAT HAVE JURISDICTION.



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www.polaris-es.com

SUBLOT 56
MOUNT ROYAL

Concord Township - Lake County - Ohio

CONTRACT No.

05796

SHEET 2 OF 2

DATE: 12/13/05

SCALE: HOR. NONE

FILENAME: Septic details.dwg